\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

STUDENT SERVICES BUILDING

KERN COMMUNITY COLLEGE DISTRICT | DSA APPLICATION NO.: 02-122754 | DSA FILE NO.: 15-C1 | PORTERVILLE COLLEGE

STATEMENT OF GENERAL CONFORMANCE

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS.

APPLICATION NO:. 02-122754 FILE NO:. 15-C1

THE DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET

HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR:

1. DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND
2. COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341, AND 4-344" OF TITLE 24, PART I.

I CERTIFY THAT:

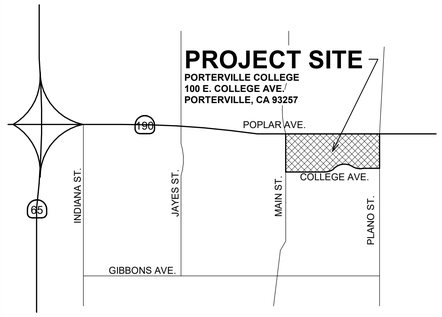
X ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX
☐ THIS DRAWING OR PAGE

IS/ARE IN GENERAL CONFORMANCE AND HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS

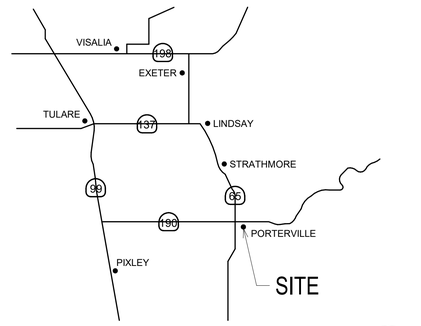
ARCHITECT'S SIGNATURE — 11-21-25 DATE
STEVEN M. POLANCO
ARCHITECT
TETER, LLP

C-38646 — 05-31-27
LICENSE NUMBER — EXPIRATION DATE

ARCHITECT'S STATEMENT | 19



VICINITY MAP N.T.S. | 15



AREA MAP N.T.S. | 11

GENERAL

PROJECT ADDRESS:
100 E. COLLEGE AVE.
PORTERVILLE, CA 93257

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF THE SITE DEVELOPMENT AND CONSTRUCTION OF A **4,400 SINGLE STORY** COMMUNITY USE BUILDING ON STATE OWNED KERN COMMUNITY COLLEGE DISTRICT-PORTERVILLE COLLEGE PROPERTY. PROJECT IS INTENDED ON BEING A PRE ENGINEERED METAL BUILDING.

AS THIS PROJECT IS NOT USED BY STUDENTS OR STAFF FOR EDUCATION PURPOSES, PER DSA IR A-22 (EXEMPTIONS 36&38) THIS PROJECT IS EXEMPT FROM DSA STRUCTURAL AND FIRE LIFE SAFETY REVIEW. THIS REVIEW WILL BE BY THE CITY OF PORTERVILLE.

ACCESSIBILITY REVIEW WILL BE UNDER DSA AUTHORITY AS NOTED IN DSA IR A-22

CODE BRIEF

BUILDING CODE	2022 CBC
BUILDING OCCUPANCY	A-3, B
CONSTRUCTION TYPE	V-B NS
MAX AREA	6,000 SF
PROPOSED AREA	4,937 SF

ENUMERATION OF DOCUMENTS:

ARCHITECTURAL
PLANS, DETAILS, AND SPECIFICATIONS
PRE ENGINEERED METAL BUILDING
PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS
FOUNDATIONS
PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS
ACCESSORY ENGINEERING
PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS
FIRE ALARM
PLANS AND SPECIFICATIONS
CODE ACCESS AND FIRE SITE FOR LFA AND ACCESS REVIEW
PLANS AND SPECIFICATIONS
ELECTRICAL AND LOW VOLTAGE COMMUNICATIONS
PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS
MECHANICAL AND PLUMBING
PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS
HORIZONTAL AND VERTICAL CONTROL
PLANS AND SPECIFICATIONS
HYDRAULIC HYDRANT CALCS WHERE NECESSARY
TITLE 24 ENERGY CHECKLIST
CAL GREEN CODE CHECKLIST

DEFERRED APPROVALS

NONE

GOVERNING AGENCIES

DIVISION OF THE STATE ARCHITECT FOR ACCESSIBILITY.
CITY OF PORTERVILLE FOR STRUCTURAL AND FIRE LIFE AND SAFETY. PERMITS, LICENSING, AND OTHER REQUIREMENTS SHALL GO THROUGH THE CITY FOR THIS PROJECT.

PROJECT DESCRIPTION | 3

OWNER
KERN COMMUNITY COLLEGE DISTRICT
2100 CHESTER AVE.
BAKERSFIELD, CA 93301
(661) 336-5100
CONTACT: OMAR FLORES
E-MAIL: omar.flores@kccd.edu

PROJECT ARCHITECT
TETER, LLP
7535 N. PALM AVE., SUITE 201
FRESNO, CA 93711
(559) 437-0887
CONTACT: STEVEN M. POLANCO
E-MAIL: steven.polanco@teterae.com

CIVIL ENGINEER
ALAN MOK ENGINEERING
3433 W. SHAW AVE., SUITE 106
FRESNO, CA 93711
(559) 432-6879
CONTACT: ALAN MOK
EMAIL: alan@alanmokengineering.com

LANDSCAPE ARCHITECT
DAVID BIGLER ASSOCIATES
1589 W. SHAW AVE., SUITE 5
FRESNO, CA 93711
(559) 276-9495
CONTACT: DAVE BIGLER
EMAIL: davebigler@aol.com

STRUCTURAL ENGINEER
FTF ENGINEERING, INC.
1023 NIPOMO ST., SUITE 210
SAN LUIS OBISPO, CA 93401
(805) 544-1216
CONTACT: JILLIAN VAN ENCKEVORT
E-MAIL: jvane@ftfengineering.com

MECHANICAL/PLUMBING ENGINEER
TETER, LLP
7535 N. PALM AVE., SUITE 201
FRESNO, CA 93711
(559) 437-0887
CONTACT: STEVEN JONES
E-MAIL: steven.jones@teterae.com

ELECTRICAL ENGINEER
TETER, LLP
7535 N. PALM AVE., SUITE 201
FRESNO, CA 93711
(559) 437-0887
CONTACT: EVAN BASTIAN
E-MAIL: evan.bastian@teterae.com

PROJECT DIRECTORY | 4

PLOT DATE: 11/20/2025 1:51:09 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC: A
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 38646 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
COVER

PROJECT NO.
12500

DRAWING
G000

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

CALGREEN REQUIREMENTS CHECKLIST

CALIFORNIA GREEN BUILDING STANDARDS CODE 2022
NON-RESIDENTIAL MANDATORY MEASURES

TETER

Project Name: PORTERVILLE COLLEGE STUDENT SERVICES BUILDING
Project Number: 12500
Date: 3/24/2025

Chapter 5 - NONRESIDENTIAL MANDATORY MEASURES

DIVISION 5.1 - PLANNING AND DESIGN

Code Section	Requirement	Phase	Discipline	Sheet Reference Spec Reference	Comments
5.106.1.1	Local Ordinance (Stormwater Management)		C		
5.106.1.2	Best Management Practices (BMP) <1 Acre		C		
5.106.2	Stormwater Pollution Prevention Plan >1 Acre		C		
5.106.4.1.1	Bicycle Parking: Short-Term Bicycle Parking		A	G100	
5.106.4.1.2	Bicycle Parking: Long-Term Bicycle Parking		A	G100	
5.106.4.1.3	Long-Term Bicycle Parking [A]		NA		
5.106.4.1.4	Long-Term Bicycle Parking Shell Bldgs		NA		
5.106.4.2	Bicycle Parking [DSA-SS]		NA		
5.106.5.3	Electric Vehicle (EV) Charging [N]		A	G100	
5.106.5.3.1	EV Capable Spaces [N] EVSE & EVSC		A	G100	
5.106.5.3.2	Electric Vehicle Charging Stations (EVCS) including EVSE Spaces		NA		
5.106.5.3.3	Automatic Load Management Systems (ALMS)		NA		
5.106.5.3.4	Accessible EVCS (CBC 11B-228.3)		NA		
5.106.5.4	EV Charging: Medium and Heavy Duty [N] Including EVSE Spaces		NA		
5.106.5.3.4.1	EV Readiness for Warehouse, Grocery and Retails Stores		NA		
5.106.8	Light Pollution Reduction		NA		
5.106.10	Grading & Paving		NA		
5.106.12	Shade Trees [DSA-SS]		NA		
5.106.12.1	Surface Parking Areas		NA		
5.106.12.2	Landscape Areas		NA		
5.106.12.3	Hardscape Areas		NA		

DIVISION 5.2 - ENERGY EFFICIENCY

Code Section	Requirement	Phase	Discipline	Sheet Reference Spec Reference	Comments
5.201.1	California Energy Code Mandatory Building Standards		NA	E1	DSA PC APPROVAL

DIVISION 5.3 - WATER EFFICIENCY AND CONSERVATION

Code Section	Requirement	Phase	Discipline	Sheet Reference Spec Reference	Comments
5.303.1.1	Meters: New Buildings or Additions in Excess of 50,000 S.F.		NA		PER DSA PC APPROVAL
5.303.1.2	Meters: Excess Consumption		NA		PER DSA PC APPROVAL
5.303.3	Water Conserving Plumbing Fixtures and Fittings		A/P		PER DSA PC APPROVAL
5.303.3.1	Water Closets		A/P		PER DSA PC APPROVAL
5.303.3.2	Urinals		A/P		PER DSA PC APPROVAL
5.303.3.3	Showers		NA		PER DSA PC APPROVAL
5.303.3.4.1	Nonresidential Lavatory Faucets		P		PER DSA PC APPROVAL
5.303.3.4.2	Kitchen Faucets & Fountains		NA		PER DSA PC APPROVAL
5.303.3.4.3	Wash Fountains		NA		PER DSA PC APPROVAL
5.303.3.4.4	Metering Faucets		P		PER DSA PC APPROVAL
5.303.3.4.5	Meter Faucets for wash fountains		NA		PER DSA PC APPROVAL
5.303.3.4.6	Pre-rinse spray valve		NA		PER DSA PC APPROVAL
5.303.4.1	Food Waste Disposers		NA		PER DSA PC APPROVAL
5.304.1	Outdoor Potable Water Use		NA		PER DSA PC APPROVAL
5.304.6	Outdoor Potable Water Use		NA		PER DSA PC APPROVAL
5.304.6.1	Newly Constructed Landscapes		L		PER DSA PC APPROVAL
5.304.6.2	Rehabilitated Landscapes		NA		PER DSA PC APPROVAL

DIVISION 5.4 - MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

Code Section	Requirement	Phase	Discipline	Sheet Reference Spec Reference	Comments
5.407.1	Weather Protection		A		PER DSA PC APPROVAL
5.407.2.1	Moisture Control: Sprinklers		A		PER DSA PC APPROVAL
5.407.2.2	Moisture Control: Entries & Openings		A		PER DSA PC APPROVAL
5.407.2.2.2	Flashing		A		PER DSA PC APPROVAL
5.408.1.1	Construction Waste Management Plan		CR		PER DSA PC APPROVAL
5.408.1.2	Waste Management Company		CR		PER DSA PC APPROVAL
5.408.1.3	Waste Stream Reduction Alternative		NA		PER DSA PC APPROVAL
5.408.1.4	Construction Waste Management Plan: Documentation		CR		PER DSA PC APPROVAL
5.408.2	Universal Waste [A]		NA		PER DSA PC APPROVAL
5.408.3	Excavated Soil & Land Clearing Debris		NA		PER DSA PC APPROVAL
5.410.1	Recycling By Occupants		NA		PER DSA PC APPROVAL
5.410.2	Commissioning (buildings ≥ 10,000 SF)		NA		PER DSA PC APPROVAL
5.410.2.1	Owner's Project Requirements (OPR)		NA		PER DSA PC APPROVAL
5.410.2.2	Basis of Design (BOD)		NA		PER DSA PC APPROVAL
5.410.2.3	Commissioning Plan		NA		PER DSA PC APPROVAL
5.410.2.4	Functional Performance Testing		NA		PER DSA PC APPROVAL
5.410.2.5	Documentation and Training		NA		PER DSA PC APPROVAL
5.410.4	Testing & Adjusting (Buildings < 10,000 SF)		NA		PER DSA PC APPROVAL

DIVISION 5.5 - ENVIRONMENTAL QUALITY

Code Section	Requirement	Phase	Discipline	Sheet Reference Spec Reference	Comments
5.503.1	Fireplaces		NA		DSA PC APPROVAL
5.503.1.1	Woodstoves		NA		DSA PC APPROVAL
5.504.1.3	Temporary Ventilation		NA		DSA PC APPROVAL
5.504.3	Covering of Duct Openings & Protection of Mechanical Equipment During Construction		NA		DSA PC APPROVAL
5.504.4	Finish Material Pollutant Control		NA		DSA PC APPROVAL
5.504.4.1	Adhesives, Sealants, Caulks		NA		DSA PC APPROVAL
5.504.4.3	Paints & Coatings		NA		DSA PC APPROVAL
5.504.4.3.1	Paints & Coatings: Aerosol Paints & Coatings		NA		DSA PC APPROVAL
5.504.4.3.2	Paints & Coatings: Verification		NA		DSA PC APPROVAL
5.504.4.4	Carpet Systems		NA		DSA PC APPROVAL
5.504.4.4.1	Carpet Systems: Carpet Cushion		NA		DSA PC APPROVAL
5.504.4.4.2	Carpet Systems: Carpet Adhesive		NA		DSA PC APPROVAL
5.504.4.5	Composite Wood Products		NA		DSA PC APPROVAL
5.504.4.6	Resilient Flooring Systems		NA		DSA PC APPROVAL
5.504.4.7	Thermal Insulation		NA		DSA PC APPROVAL
5.504.4.8	Acoustical ceilings and wall panels		NA		DSA PC APPROVAL
5.504.5.3	Filters		NA		DSA PC APPROVAL
5.504.7	Environmental Tobacco Smoke (ETS) Control		NA		DSA PC APPROVAL
5.505.1	Indoor Moisture Control		NA		DSA PC APPROVAL
5.506.1	Outside Air Delivery		NA		DSA PC APPROVAL
5.506.2	Carbon Dioxide (CO2) Monitoring		NA		DSA PC APPROVAL
5.506.3	CO2 Monitoring in Classrooms [DSA-SS]		NA		DSA PC APPROVAL
5.507.4.1	Acoustical Control: Exterior Noise Transmission		NA		DSA PC APPROVAL
5.507.4.3	Acoustical Control: Interior Sound		NA		DSA PC APPROVAL
5.508.1	Ozone depletion and global warming reductions (no CFCs and Halons)		NA		DSA PC APPROVAL
5.508.2	Supermarket refrigerant leak reduction		NA		DSA PC APPROVAL

Phase Description
Design
Permit
Construction
Post Construction

Discipline Abbreviations
O Owner
C Civil Engineer
CR Contractor
A Architect
P Plumbing Designer
M Mechanical Engineer
E Electrical Engineer
L Landscape Designer
CxA Commissioning Agent
NA Not Applicable

GENERAL NOTES

1. A COPY TITLE 24 C.C.R. PARTS 1 AND 2 SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
2. CHANGES TO THE STRUCTURAL, ACCESSIBILITY OR FIRE AND LIFE-SAFETY PORTIONS OF THE APPROVED PLANS AND SPECIFICATIONS AFTER THE WORK HAS BEEN LET SHALL BE MADE BY A CONSTRUCTION CHANGE DOCUMENT (CCD) AS REQUIRED IN SECTION 4-338, PART I, CAC, AND SHALL BE SUBMITTED TO, AND APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK. CONSTRUCTION CHANGE DOCUMENTS SHALL BE PREPARED AND SUBMITTED TO DSA IN COMPLIANCE WITH DSA INTERPRETATION OF REGULATION IR A-6.
3. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF TITLE 24 SECTION 4-335, PART 1, AND APPROVED T & I SHEET.
4. TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH TITLE 24 SECTION 4-335, PART I, AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RETEST MAY BE BACK CHARGED TO THE CONTRACTOR.
5. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE CONCRETE PER TITLE 24 SECTION 4-331, PART I.
6. A CLASS 2 INSPECTOR REQUIRED FOR THIS PROJECT SHALL BE EMPLOYED BY OWNER AND APPROVED BY ARCHITECT, STRUCTURAL ENGINEER, AND DSA. INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-333(c). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH TITLE 24 SECTION 4-342, PART I.
7. SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH TITLE 24 SECTION 4-334, PART 1.
8. CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM SSS-6) IN ACCORDANCE WITH TITLE 24 SECTION 4-336, PART I.
9. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH TITLE 24 SECTION 4-333(a) AND 4-341, PART I.
10. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH TITLE 24 SECTION 4-343, PART I.
11. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE SCHOOL BUILDING IN ACCORDANCE WITH TITLE 24 C.C.R. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24, C.C.R., A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.
12. SUBSTITUTIONS AND REQUESTS FOR INFORMATION AFFECTING STRUCTURAL SAFETY, FIRE AND LIFE SAFETY OR ACCESS COMPLIANCE SHALL BE APPROVED BY DSA PRIOR TO FABRICATION OR USE.
13. ADDENDA MUST BE SIGNED BY ARCHITECT AND APPROVED BY DSA.
14. NO CHANGES OR REVISIONS SHALL BE MADE FOLLOWING WRITTEN APPROVAL WHICH AFFECTS ACCESS COMPLIANCE ITEMS UNLESS SUCH CHANGES OR REVISIONS ARE SUBMITTED TO THE DSA FOR APPROVAL.
15. SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE SUBMITTED AS A CONSTRUCTION CHANGE DOCUMENT OR ADDENDA, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION.
16. CONSTRUCTION CHANGE DOCUMENTS MUST BE SIGNED BY THE FOLLOWING:
    - ARCHITECT OR ENGINEER OF RECORD
    - STRUCTURAL ENGINEER (WHEN APPLICABLE)
    - DELEGATED PROFESSIONAL ENGINEER
17. MATERIALS AND THEIR INSTALLATION SHALL COMPLY WITH APPLICABLE CODES, STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
18. THESE PLANS AND SPECIFICATIONS WILL COMPLY WITH CFC CHAPTER 33 FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.
19. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
20. DSA IS NOT SUBJECT TO ARBITRATION.

GOVERNING CODES

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), C.C.R. TITLE 24, PART 1
2022 CALIFORNIA BUILDING CODE (CBC), C.C.R. TITLE 24, PART 2
2022 CALIFORNIA ELECTRICAL CODE (CEC), C.C.R. TITLE 24, PART 3
2022 CALIFORNIA MECHANICAL CODE (CMC), C.C.R. TITLE 24, PART 4
2022 CALIFORNIA PLUMBING CODE (CPC), C.C.R. TITLE 24, PART 5
2022 CALIFORNIA FIRE CODE (CFC), C.C.R. TITLE 24, PART 9
2022 CALIFORNIA REFERENCED STANDARDS CODE, C.C.R. TITLE 24, PART 12
2022 CALIFORNIA ENERGY CODE (CAC), C.C.R. TITLE 24, PART 6
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), C.C.R. TITLE 24, PART 11
C.C.R., TITLE 19 PUBLIC SAFETY
~~NFPA 13-16 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (AS AMENDED)~~
~~NFPA 24-16 INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (AS AMENDED)~~
~~NFPA 25-13CA (CALIFORNIA NFPA 25 EDITION) INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS~~
NFPA 72-16 NATIONAL FIRE ALARM AND SIGNALING CODE (AS AMENDED)
UL 38-99 MANUALLY ACTUATED SIGNALING BOXES (AS AMENDED)
UL 268-09 SMOKE DETECTORS FOR FIRE ALARM SYSTEMS
UL 268A-09 SMOKE DETECTORS FOR DUCT APPLICATION (AS AMENDED)
UL 464-03 AUDIBLE SIGNAL APPLIANCES (AS AMENDED)
UL 521-99 HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS (AS AMENDED)
UL 1424 CABLES FOR POWER-LIMITED FIRE-ALARM CIRCUITS (2005 EDITION)
UL 1971 SIGNALING DEVICES FOR THE HEARING IMPAIRED (2004 EDITION)
AMERICANS WITH DISABILITIES ACT

DRAWING INDEX

GENERAL	
G000	COVER
G001	PROJECT INFORMATION/ CAL GREEN
G100	FIRE ACCESS/CODE SITE PLAN
G200	BUILDING CODE ANALYSIS
4	
CIVIL	
C1	TOPOGRAPHIC SURVEY
C2	GRADING PLAN
C3	SEWER AND WATER PLAN
C4	DETAILS
4	
LANDSCAPE	
L-1	LANDSCAPE PLAN
1	
ARCHITECTURAL	
A000	LEGENDS AND ABBREVIATIONS
A001	TYPICAL SIGNAGE/ACCESSIBLE DETAILS
A002	TYPICAL ACCESSIBLE DETAILS
A003	TYPICAL DETAILS
A004	WALL TYPES
A101	ENLARGED DEMOLITION SITE PLAN
A102	ENLARGED PROPOSED SITE PLAN
A110	SITE DETAILS
A111	SITE DETAILS
A200	FLOOR PLAN
A210	ROOF PLAN
A300	EXTERIOR ELEVATIONS
A301	EXTERIOR ELEVATIONS
A400	BUILDING SECTIONS
A401	BUILDING SECTIONS
A450	WALL SECTIONS
A451	WALL SECTIONS
A452	WALL SECTIONS
A500	ENLARGED FLOOR PLANS
A600	SCHEDULES
A601	WINDOW SCHEDULE
A700	EXTERIOR OPENING DETAILS
A701	EXTERIOR OPENING DETAILS
A710	INTERIOR OPENING DETAILS
A720	WALL DETAILS
A721	WALL DETAILS
A722	WALL DETAILS
A730	ROOF DETAILS
A770	CEILING DETAILS
A800	FINISH PLAN
A810	REFLECTED CEILING PLAN
A820	INTERIOR ELEVATIONS
A821	INTERIOR ELEVATIONS
A822	INTERIOR ELEVATIONS
A823	INTERIOR ELEVATIONS
A824	INTERIOR ELEVATIONS
36	
STRUCTURAL	
S-000	GENERAL NOTES I
S-001	GENERAL NOTES II
S-200	FOUNDATION PLAN & LOW CEILING FRAMING PLAN
S-300	CONCRETE DETAILS I
S-310	FOUNDATION DETAILS
S-700	LIGHT GAUGE STEEL DETAILS I
S-701	LIGHT GAUGE STEEL DETAILS II
7	
PLUMBING	
P001	PLUMBING LEGEND AND NOTES
P002	PLUMBING SCHEDULE
P100	PLUMBING SITE PLAN
P200	PLUMBING PLAN
P201	PLUMBING ENLARGED PLANS
P500	PROPSED PLUMBING ROOF PLAN
P800	PLUMBING DETAILS
P900	TITLE 24 DOCUMENTATION
8	
MECHANICAL	
M001	MECHANICAL SCHEDULES, LEGENDS, AND NOTES
M002	MECHANICAL SCHEDULES
M200	MECHANICAL FLOOR PLAN
M500	MECHANICAL ROOF PLAN
M800	MECHANICAL DETAILS
M801	MECHANICAL DETAILS
M900	TITLE 24 DOCUMENTATION
M901	TITLE 24 DOCUMENTATION
8	
ELECTRICAL	
E100	OVERALL ELECTRICAL SITE PLAN
E101	ELECTRICAL SITE PLAN
E210	POWER PLAN
E230	POWER PLAN - ROOF
E310	LIGHTING PLAN
E410	SIGNAL PLAN
E510	FIRE ALARM PLAN
E600	ELECTRICAL DETAILS
E700	SINGLE LINE DIAGRAM
E710	FIRE ALARM BATTERY CALCULATIONS
E711	FIRE ALARM BATTERY CALCULATIONS
E800	ELECTRICAL LEGEND & SCHEDULES
E801	PANEL SCHEDULES
13	
PRE-ENGINEERED METAL BUILDING (PEMB) FRAME	
1 OF 13	COVER PAGE
2 OF 13	ANCHOR BOLT PLAN & BASE DETAILS
3 OF 13	RIGID FRAME ELEVATIONS
4 OF 13	RIGID FRAME ELEVATIONS
5 OF 13	RIGID FRAME ELEVATIONS
6 OF 13	RIGID FRAME ELEVATIONS/ WIND BENT ELEVATIONS & DETAILS
7 OF 13	ROOF FRAMING & SHEETING PLANS
8 OF 13	WALL FRAMING
9 OF 13	WALL FRAMING
10 OF 13	BUILDING DETAILS
11 OF 13	BUILDING DETAILS
12 OF 13	BUILDING DETAILS
13 OF 13	BUILDING DETAILS
13	
TOTAL PAGES: 94	

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 36647 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONSULTANTS
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

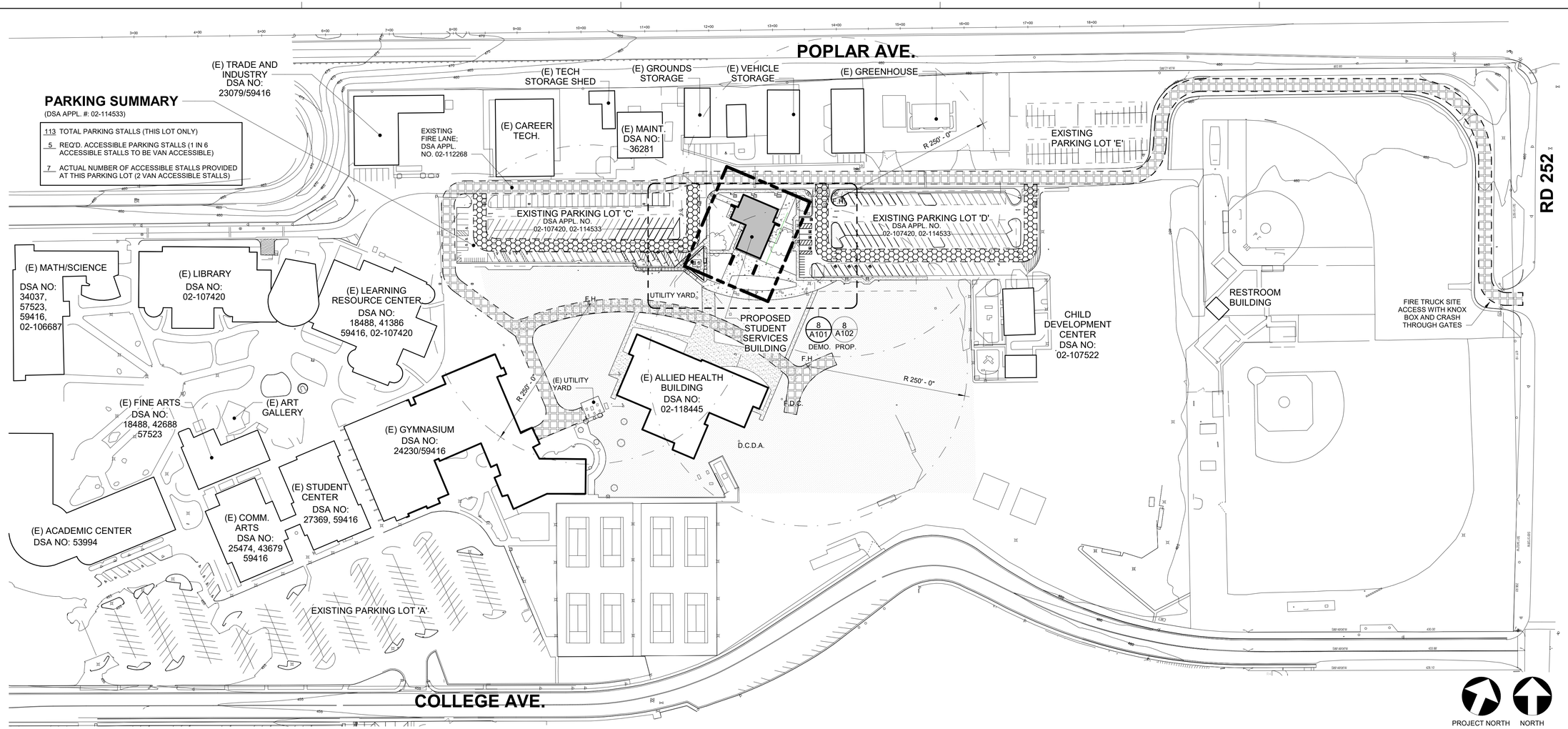
DRAWING TITLE
PROJECT INFORMATION/ CAL GREEN

PROJECT NO.
12500

DRAWING
G001

PLOT DATE: 11/20/2025 1:51:13 PM

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



OVERALL FIRE/CODE SITE PLAN — 1" = 80'-0" — 1

LEGEND

- CONCRETE, SEE CIVIL
- CLASS II BASE
- TURF, SEE LANDSCAPE
- PLANTER, SEE LANDSCAPE
- LIGHT POLE, SEE ELECTRICAL
- F.H. FIRE HYDRANT, SEE CIVIL
- F.D.C. FIRE DEPARTMENT CONNECTION, SEE CIVIL
- D.C.D.A. DOUBLE CHECK DETECTOR ASSEMBLY
- ASSUMED BUILDING PROPERTY LINE
- (E) PROPERTY LINE
- EXISTING 20' WIDE FIRE LANE
- PROPOSED 20' WIDE FIRE LANE
- EXISTING BUILDING NOT INCLUDED IN SCOPE OF WORK
- NEW BUILDING INCLUDED IN THIS APPLICATION

PARKING ANALYSIS

VEHICLE PARKING:

TOTAL BUILDING AREA: 4,325 SQ. FT.
OFFICE AREA/ PARKING RATIO: 1 SPACE/50 SQ. FT.

TOTAL PARKING REQUIRED (1 SPACE/ 4 OCCUPANTS):
4,325 SF / 50 SF / 1OCC. = 87 NEW OCCUPANTS
87 NEW OCCUPANTS / 4 = 22 STALLS

ACCESSIBLE STALLS REQUIRED (CBC 11B-208.2):
1 REQUIRED FOR 1-25 TOTAL STALLS

PARKING PROVIDED:

STANDARD	(9'-0" x 19'-0"):	18 STALLS
EV	(9'-0" x 19'-0"):	2 STALLS
ACCESSIBLE	(9'-0" x 19'-0"):	2 STALLS
TOTAL:		22 STALLS

NOTES:
FOR EVERY SIX PARKING SPACES REQ'D BY CBC 11B-208.2 TO COMPLY WITH CBC 11B-502, AT LEAST ONE SHALL BE A VAN ACCESSIBLE PARKING SPACE COMPLYING WITH CBC 11B-502.

BICYCLE PARKING:

(PER CGBSC 5.106.4.1)

SHORT TERM BICYCLE PARKING: 22 STALLS = (1) TWO-BIKE CAPACITY RACKS
LONG TERM BICYCLE PARKING: 22 STALLS = (2) BIKE PARKING SPACES, COVERED LOCKABLE

PLOT DATE: 11/20/2025 1:51:25 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC: A
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C-36647 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

TETER

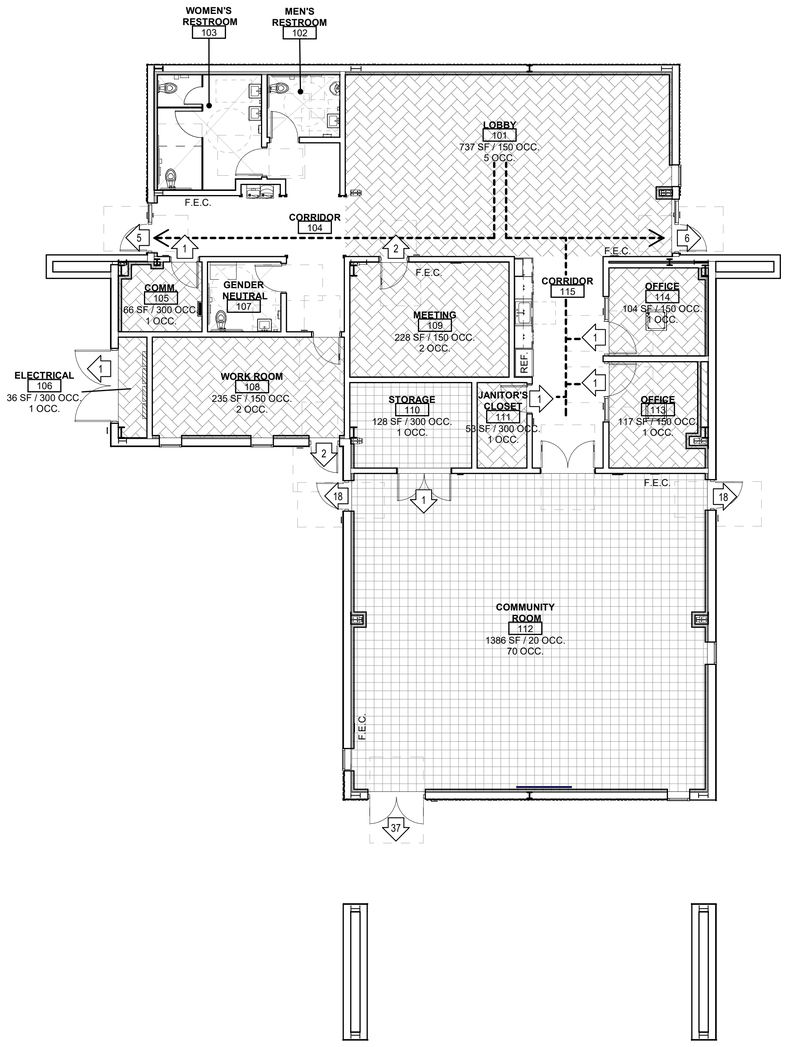
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
FIRE ACCESS/CODE SITE PLAN

PROJECT NO.
12500

DRAWING
G100

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



NORTH PROJECT NORTH

BUILDING CODE ANALISYS 1/8" = 1'-0" 12

BUILDING CODE ANALYSIS

BUILDING ANALYSIS

A. OCCUPANCY CLASSIFICATION(S) (CBC SECTION 302):
   1. 'B' BUSINESS (OFFICES, FOOD PROCESSING NOT WITH RESTAURANTS <2,500 SF, STORAGE ACCESSORY TO BUSINESS)
   2. 'A-3', ASSEMBLY (COMMUNITY ROOM, STORAGE ACCESSORY ASSEMBLY)
   3. SEPARATIONS: NONE REQUIRED, AREA JUSTIFIED USING NON-SEPARATED OCCUPANCIES PER CBC 508.3, A-3 OCCUPANCY BEING MOST RESTRICTIVE.

B. CONSTRUCTION TYPE (CBC 602): TYPE VB, NON-SPRINKLERED

C. HEIGHT IN FEET, ABOVE GROUND PLANE CBC TABLE 504.3):

B OCCUPANCY:	A-3 OCCUPANCY:
• ALLOWABLE: 40	ALLOWABLE: 40
• ACTUAL: 22	ACTUAL: 22

D. HEIGHT IN STORIES (CBC TABLE 504.4):

B OCCUPANCY:	A-3 OCCUPANCY:
• ALLOWABLE: 2	ALLOWABLE: 1
• ACTUAL: 1	ACTUAL: 1

F. AREA JUSTIFICATION (A-3 OCC., NS VALUE, V-B CONSTRUCTION)

a. ALLOWABLE AREA (SINGLE OCCUPANCY, ONE-STORY BUILDING (CBC 506.2.1), EQUATION 5-1, TABLE 506.2)
   $A_a = A_t + (NS \times I_f)$
   A_a = ALLOWABLE BUILDING AREA
   A_t = TABULAR ALLOWABLE AREA FACTOR (A-3 OCC., V-B, A-3 = 6,000 SF)
   NS = TABULAR ALLOWABLE AREA FACTOR FOR NON-SPRINKLERED BUILDING (A-3 OCC., V-B, NS = 6,000 SF)
   I_f = AREA FACTOR INCREASE DUE TO MIN. 30 FT. YARDS SURROUNDING BUILDING (ALL YARDS 30'+, REF. CBC 506.3) = 0.75)

   $I_f = [F/P - 0.25]W/30$
   F = 285
   P = 285
   W = 285 / 285 = 30

   $I_f = [285 / 285 - 0.25]\ 30/30 = 0.75$

   A_a = 6,000 SF + (6,000 SF x 0.75) = 10,500 SF (UTILIZING FRONTAGE INCREASES)

b. ACTUAL AREA:

ENCLOSED:	4,325 SF
OVERHANGS:	612 SF
TOTAL:	4,937 SF

c. ACTUAL AREA LESS THAN ALLOWABLE AREA, THEREFORE OK.

OCCUPANT LOAD FACTORS

PER 2022 CALIFORNIA BUILDING CODE TABLE 1004.5 & DSA IR-A26.CC
A. BUSINESS (OFFICE, CORRIDORS): 150 SF/OCC. GROSS
B. ASSEMBLY (COMMUNITY ROOM): 20 SF/OCC. NET
C. STORAGE: 300 SF/OCC. GROSS

EGRESS

A. COMMON PATH OF EGRESS TRAVEL (CBC TABLE 1006.2.1): 75' - 0" MAX. FOR A-3 OCC.
B. EXIT ACCESS TRAVEL DISTANCE (CBC SECTION 1017 & TABLE 1017.2): 300' - 0" MAX. 'B' OCC., 250' MAX. FOR A-3.
C. NUMBER OF EXITS REQUIRED (CBC SECTION 1006 & TABLE 1006.3.1
   1. REQUIRED FOR FIRST FLOOR: 102 OCCUPANTS = 2 MIN. (5 PROVIDED)
D. EGRESS WIDTH COMPONENT (CBC SECTION 1005.3.2) : 0.2"/OCC.; A 36" WIDE DOOR HAS A CLEAR WIDTH OF 33" MIN. AND WILL ACCOMMODATE 165 OCCUPANTS.

ASSISTIVE LISTENING:

A. BUILDING = 85 OCCUPANTS
   a. 85 x 4% = 4 RECEIVERS MIN.
   b. 4 x 25% = 1 HEARING-AID COMPATIBLE RECEIVERS MIN.
B. OWNER TO PROVIDE 4 RECEIVERS, 1 TO BE HEARING-AID COMPATIBLE.

KEYNOTES (00.00)

LEGEND

- PATH OF TRAVEL
- MOST REMOTE OCCUPIED LOCATION
- DIRECTION OF EGRESS
- XX — NUMBER OF OCCUPANTS EXITING
- ROOM 101 — ROOM NAME & NUMBER
- 150 SF (NET) — ROOM AREA
- 50 SF/OCC — OCCUPANT LOAD FACTOR
- 00 OCC — CALCULATED OCCUPANT LOAD
- F.E.C. — FIRE EXTINGUISHER & CABINET, SEE 2 / A003
- HATCH 1 (NO HATCH) CIRCULATION SPACE
- HATCH 2 (DIAMOND) 'B' OCCUPANCY; OFFICE USE, 150 SF/OCC.
- HATCH 3 (GRID) 'A-3' OCCUPANCY; UNCONCENTRATED ASSEMBLY, 20 SF/OCC.

PLUMBING FIXTURE CALCULATION

GROUP 'B' OCCUPANCY:
1,627 SF/ 150 SF/OCC = 11
GROUP 'A-3' OCCUPANCY:
1,556 SF/ 30 SF/OCC = 52

63 OCC / 2 = 32 MEN, 32 WOMEN

FIXTURE COUNT REQ'D (2022 CPC, Table 4-1 Occupant Load Factor):
MENS: 1 WATER CLOSET, 1 URINAL, 1 LAVATORY
WOMENS: 3 WATER CLOSET, 1 LAVATORY

TOTAL FIXTURE COUNT PROVIDED:
MENS: 1 WATER CLOSET, 1 URINAL, 1 LAVATORY
WOMENS: 3 WATER CLOSET, 2 LAVATORY

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C-36647 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
TETER

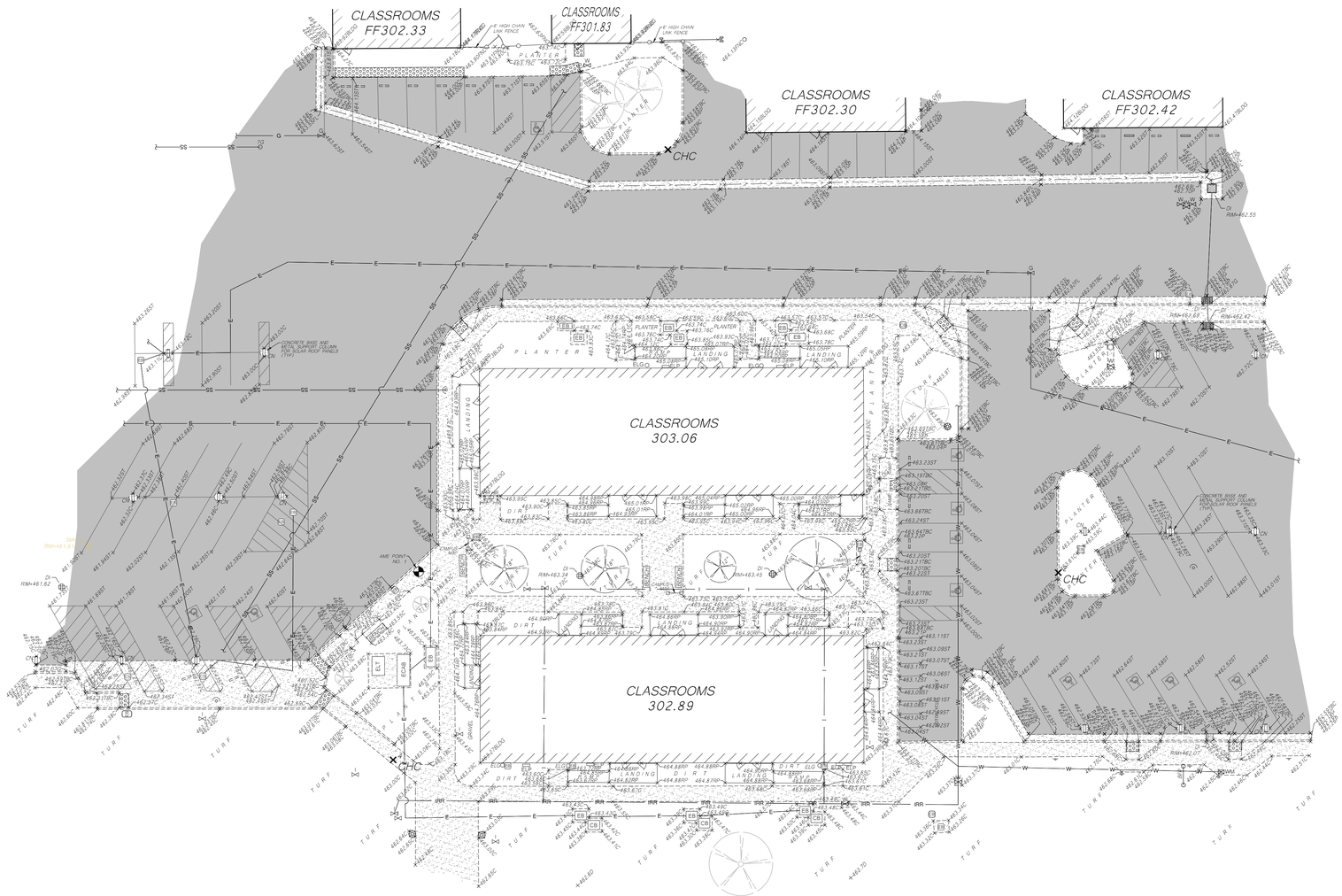
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
BUILDING CODE ANALYSIS

PROJECT NO.
12500

DRAWING
G200

PLOT DATE: 11/20/2025 1:51:37 PM



TOPOGRAPHIC LEGEND:

	BENCHMARK	C	CONCRETE
CH	CHARGING STATION	CN	COLUMN
CB	COMMUNICATION BOX	DI	DRAIN INLET
CN	COLUMN (CIRCLE)	D	DIRT
DF	DRINKING FOUNTAIN	ECAB	ELECTRICAL CABINET
EB	ELECTRICAL BOX	ELG	ELECTRICAL GROUND
ELG	ELECTRICAL GROUND	ELP	ELECTRICAL PANEL
	FIRE HYDRANT	ELT	ELECTRICAL TRANSFORMER
GV	GAS VALVE	FF	FINISH FLOOR
HR	HANDRAIL	FL	FLOWLINE
HB	HOSE BIB	FNC	FENCE - CHAIN LINK
	INTL. SYMBOL OF ACCESS.	G	GUTTER
IRR	IRRIGATION CONTROL VALVE	HB	HOSE BIB
	LIGHT - AREA	HR	HANDRAIL
	SEWER CLEANOUT	L	LIP OF GUTTER
S	SEWER MANHOLE	P	PAVEMENT
	SIGN SINGLE POST	RIM	RIM OF UTILITY STRUCTURE
	STORM DRAIN INLET	RP	RAMP
	TREE, TRUNK SIZE AS NOTED	ST	STRIPING
?	UNKNOWN GROUND	TBC	TOP BACK OF CURB
WM	WATER METER	T	TURF/GRASS
WV	WATER VALVE	G	EXISTING GAS LINE
	WHEELSTOP	SD	EXISTING STORM DRAIN LINE
	CONCRETE	W	EXISTING WATER LINE
	FENCE - CHAIN LINK	SS	EXISTING SEWER LINE
	STRIPING	E	EXISTING ELECTRICAL LINE
	SWALE		
	EXISTING BUILDING		
	EXISTING ASPHALT CONCRETE		
	EXISTING CONCRETE		
	TRUNCATED DOMES		

NOTES:

1. THE TOPOGRAPHIC SURVEY WAS PERFORMED ON JULY 8, 2024.
2. THE TOPOGRAPHIC SURVEY IS ONLY A PARTIAL SURVEY OF THE SPECIFIC PHYSICAL FEATURES OF THE SITE AND THEIR ELEVATIONS. NOT ALL AREAS OF WORK WERE INCLUDED IN THE TOPOGRAPHIC SURVEY.
3. THE SURFACE FEATURES OF THE UTILITIES SHOWN WERE OBTAINED AT THE TIME OF THE TOPOGRAPHIC SURVEY AND FROM A UTILITY SEARCH OF PLANS PROVIDED BY THE OWNER. IT IS POSSIBLE THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT WERE NOT REVEALED THROUGH THE UTILITY SEARCH. NO GUARANTEE CAN BE MADE ON THE ACCURACY OR COMPLETENESS OF THE UTILITIES SHOWN.
4. THE EXISTENCE AND LOCATION OF ALL IMPROVEMENTS, UTILITIES, STRUCTURES, BUILDINGS, PARTY WALLS, PARKING STALLS, EASEMENTS, SERVITUDES AND ENCROACHMENTS ARE BASED SOLELY ON ABOVE GROUND, VISIBLE EVIDENCE.

BENCHMARK:

THE STATION IS LOCATED ON THE SOUTHWEST SIDE OF PORTERVILLE AT THE INTERSECTION OF STATE HIGHWAYS 65 AND 190. IT IS SET ON TOP OF THE FILL FOR THE STATE HIGHWAY 190 OVERCROSSING IN THE SOUTHWEST QUADRANT OF THE INTERSECTION. THE AZIMUTH MARK IS REACHED BY GOING WEST ON STATE HIGHWAY 190 FOR 0.5 MILE TO THE MARK ON THE LEFT.

ELEVATION = 460.00'

SITE BENCHMARK:

AME POINT NO. 1

SET CHISELED "X" ON CONCRETE SIDEWALK, 28'± NORTHWEST OF NORTHWEST CORNER SURVEY'S SOUTHERNMOST CLASSROOM.

ELEVATION = 463.742'

0 20' 40'

SCALE: 1" = 20'

REGISTERED PROFESSIONAL ENGINEER
ALAN K. MOK
No. 42618
EXP. 3/30/26
CIVIL
STATE OF CALIFORNIA

Alan Mok, PE, PLS,
LEED AP
Principal
3433 W. SHAW AVENUE, #106
FRESNO, CALIFORNIA 93711
Tel. 559-432-6879
Fax. 559-432-6887
www.alanmokengineering.com

Alan Mok Engineering

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc., expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	07/12/24	100% CD's

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

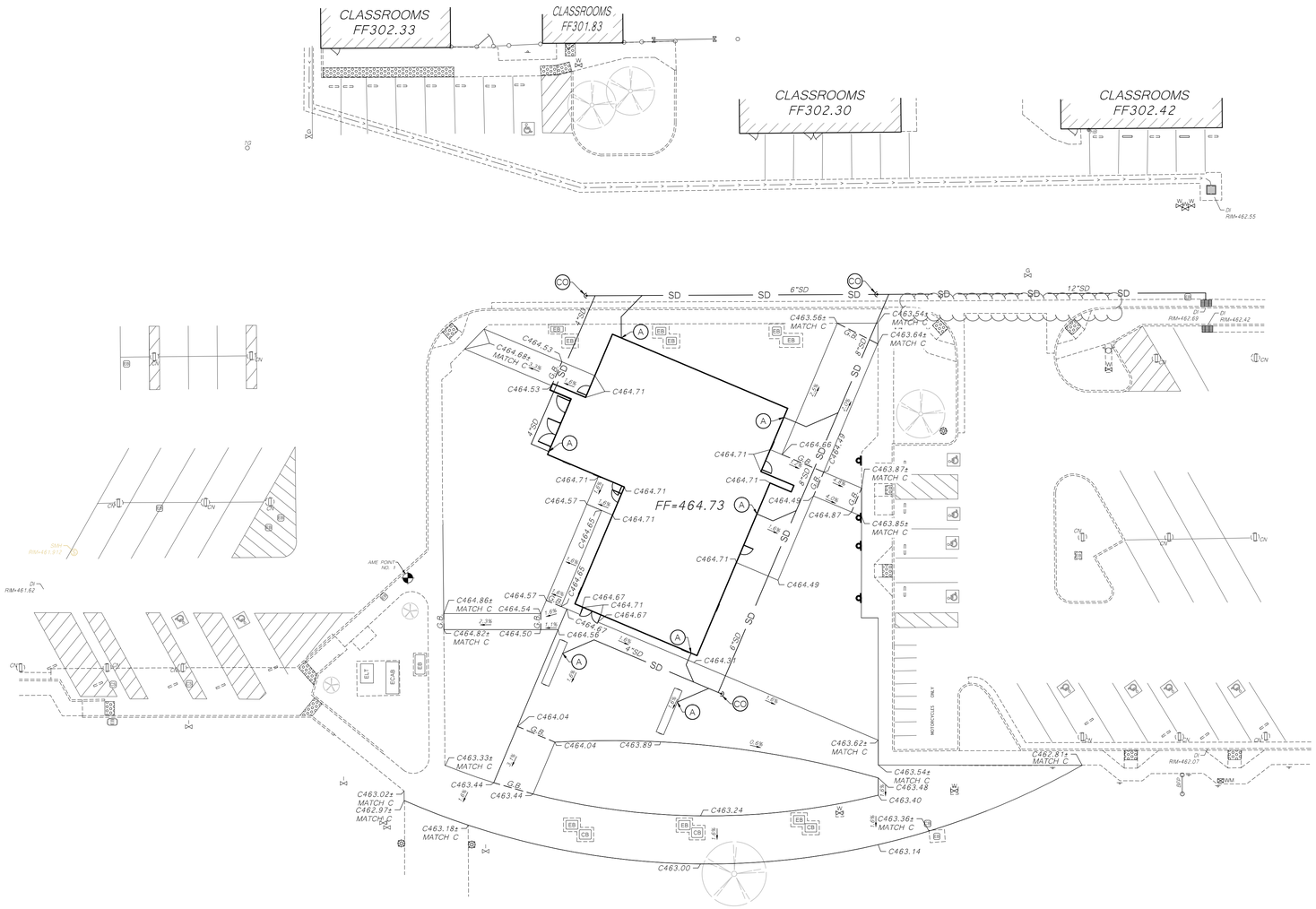
DRAWING TITLE
TOPOGRAPHIC SURVEY

PROJECT NO.
224-0194

DRAWING
C1

PLOT DATE: 8/14/2024 6:25:07 PM

\\tetr-file1\Users\yanisse.montano_TETR\Documents\12500-A-PC_CULTURAL_yanisse.montano.rvt

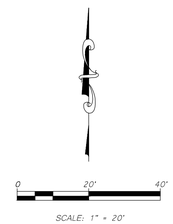


GRADING AND DRAINAGE LEGEND:

C	CONCRETE
FL	FLOWLINE
G.B.	GRADE BREAK
GR	GRATE
MS	MOWSTRIP
P	PAVEMENT
325.85	EXISTING GRADE
	DIRECTION OF DRAINAGE
1.5%	SURFACE SLOPE AND DIRECTION OF DRAINAGE
S=0.0050	NEW FLOWLINE SLOPE AND DIRECTION OF FLOW
100.01	NEW GRADE
	NEW FMFCD STORM DRAIN INLET
G.B.	GRADE BREAK
	NEW GUTTER OR SWALE FLOWLINE AND DIRECTION OF FLOW.
	LIMITS OF GRADING
SD 24"SD	PROPOSED STORM DRAIN LINE; SIZE AS NOTED
A	MAKE CONNECTION TO ROAD DRAIN. CONTRACTOR SHALL PROVIDE ALL NECESSARY FITTINGS
CO	FURNISH AND INSTALL STORM DRAIN CLEANOUT

GRADING AND DRAINAGE NOTES :

1. THE "LIMITS OF GRADING" SHOWN ARE SCHEMATIC. THE CONTRACTOR SHALL CUT, FILL, BACKFILL, COMPACT, GRADE AND REGRADE AS NECESSARY TO PERFORM ALL NEW IMPROVEMENTS SHOWN ON THESE PLANS. AREAS BEYOND THE "LIMITS OF GRADING" DISTURBED BY THE ACTIVITIES OF THE CONTRACTOR AS PART OF THIS PROJECT SHALL BE REGRADED TO THE SATISFACTION OF THE OWNER.
2. THE CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING UTILITY BOXES, VAULTS AND MANHOLE COVERS AND FRAME TO MATCH ADJACENT FINISHED SURFACE GRADE WITHIN THE "LIMITS OF GRADING".
3. THE LOCATION AND ALIGNMENT OF THE STORM DRAIN SYSTEM IS SCHEMATIC. ADJUSTMENTS ARE TO BE MADE IN THE FIELD DUE TO EXISTING UTILITIES AND NEW IMPROVEMENTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UNDERGROUND UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT.
5. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER BEFORE COMMENCING ANY ADDITIONAL WORK. IF ANY ADDITIONAL UTILITIES OR SHOWN UTILITIES ARE FOUND, BEFORE COMMENCING DURING CONSTRUCTION WHICH MAY CONFLICT WITH PROPOSED UTILITY LOCATIONS AND/OR INVERTS.
6. OVER EXCAVATE AND REMOVE ALL LOOSE FILLS, DEBRIS AND ORGANIC MATTER TO ALLOW PROPER PREPARATION OF THE NATIVE GRADE FOR A PLACEMENT OF ENGINEERED/COMPACTED FILL.
7. AS A FIRST ORDER OF WORK, THE CONTRACTOR SHALL POTHOLE AND LOCATE THE EXISTING UTILITY LINE FOR THE POINT OF CONNECTION. PROVIDE TO THE ENGINEER INFORMATION ON DEPTH, SIZE, PIPE MATERIAL AND LOCATION. ALLOW THE ENGINEER SUFFICIENT TIME TO REVIEW UTILITY INFORMATION FOR A POSSIBLE REVISION TO THE HORIZONTAL AND VERTICAL ALIGNMENT OF THE NEW UTILITY. THE CONTRACTOR IS NOT TO PROCEED WITH THE INSTALLATION OF THE NEW UTILITIES UNTIL APPROVED BY THE ENGINEER.



SCALE: 1" = 20'

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. - expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	07/12/24	100% CD's

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
GRADING PLAN

PROJECT NO.
224-0194

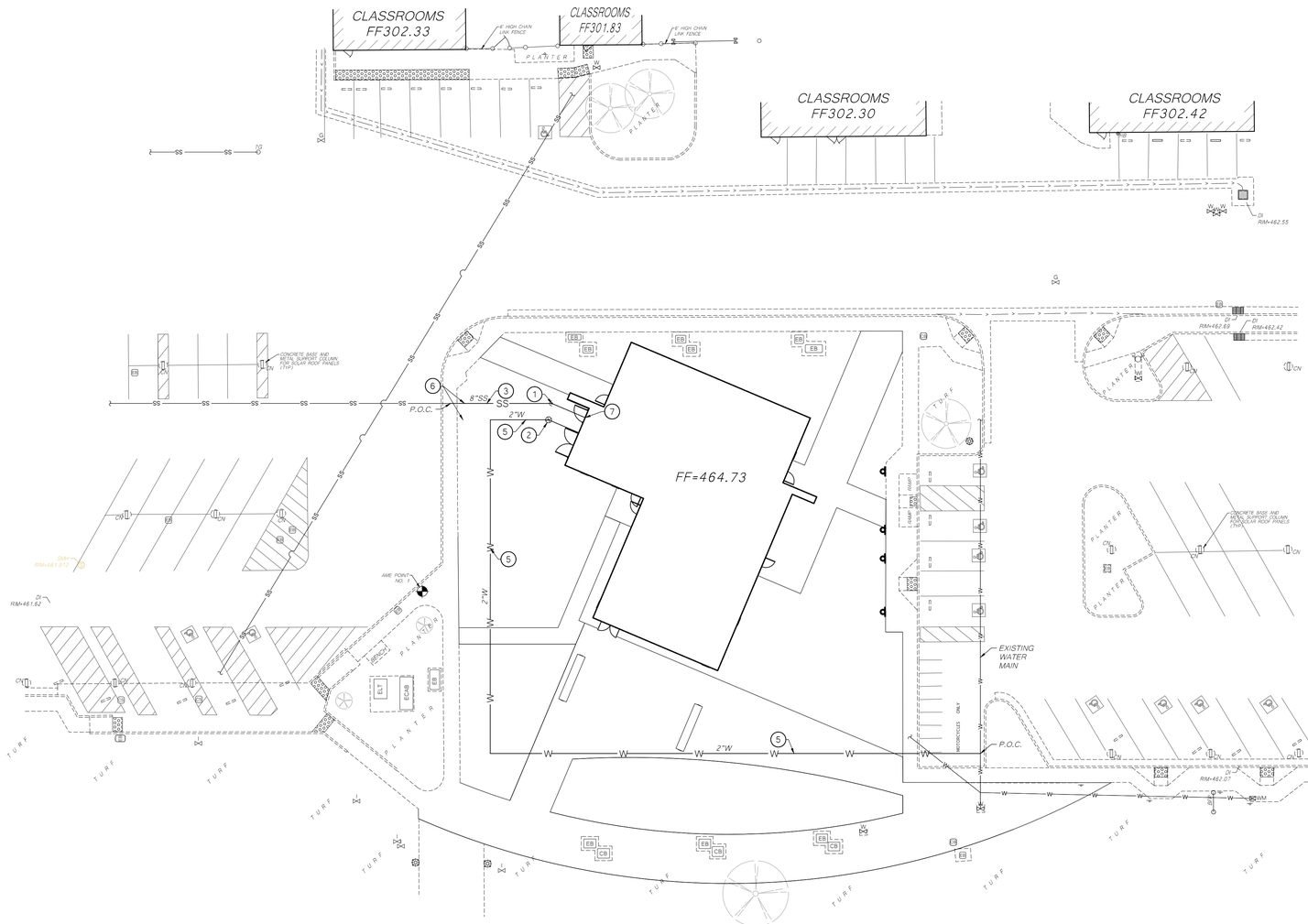
DRAWING
C2

REGISTERED PROFESSIONAL ENGINEER
ALAN K. MOK
No. 42618
EXP. 3/30/26
CIVIL
STATE OF CALIFORNIA

Alan Mok, PE, PLS, LEED AP
Principal
3433 W. SHAW AVENUE , #106
FRESNO, CALIFORNIA 93711
Tel. 559-432-6879
Fax. 559-432-6897
www.alanmokengineering.com

Alan Mok Engineering

\\teter-file1\Users\yanisse.montano_TETR\Documents\12500-A-PC_CULTURAL_yanisse.montano.rvt
PLOT DATE: 8/14/2024 6:25:07 PM



SEWER AND WATER LEGEND:

(1)	FURNISH AND INSTALL TWO-WAY SEWER SURFACE CLEANOUT PER DETAIL G/C11.
(2)	FURNISH AND INSTALL WATER GATE VALVE PER DETAIL F/C11.
(3)	FURNISH AND INSTALL PVC SDR-35 SEWER LINE. BACKFILL TRENCH PER DETAIL H/C11.
(4)	FURNISH AND INSTALL PVC, C900, CLASS 305 FIRE WATER LINE. BACKFILL TRENCH PER DETAIL H/C11.
(5)	FURNISH AND INSTALL PVC, SCH 40 FOR 3 ½" DIAMETER AND SMALLER DOMESTIC WATER LINE. BACKFILL TRENCH PER DETAIL H/C11.
(6)	MAKE CONNECTION TO EXISTING SEWER PIPELINE. FURNISH AND INSTALL ALL NECESSARY FITTINGS. SEE NOTE NO. 1.
(7)	MAKE CONNECTION TO BUILDING UTILITY STUBOUT FROM BUILDING EXTERIOR WALL. COORDINATE WITH BUILDING PLUMBING PLAN FOR FINAL LOCATION AND SIZE. FURNISH AND INSTALL ALL NECESSARY FITTINGS AND SURFACE CLEANOUT PER DETAIL G/C11.

W 6"W	NEW DOMESTIC WATER PIPELINE. SIZE AS NOTED.
SS 4"SS 340.0100	NEW SEWER PIPELINE. SIZE AS NOTED. PIPE FLOWLINE SLOPE AND DIRECTION OF FLOW AS NOTED.
SD 4"SD	NEW STORM DRAINAGE PIPELINE. SEE GRADING AND DRAINAGE PLAN.
	NEW SURFACE CLEANOUT
	NEW DETECTOR CHECK VALVE.
PIV	NEW POST INDICATOR VALVE.
FDC	NEW FIRE DEPARTMENT CONNECTION.
BF	NEW BACKFLOW PREVENTER.
WM	NEW WATER METER
	NEW WATER VALVE.
	NEW BUILDING FIRE, SEWER, STORM DRAIN OR WATER STUB OUT. SEE PLUMBING PLANS.
	NEW FIRE HYDRANT
P.O.C.	POINT OF CONNECTION

SEWER AND WATER NOTES:

1. AS A FIRST ORDER OF WORK, CONTRACTOR TO POTHOLE AS NECESSARY TO LOCATE THE EXISTING UTILITY. PROVIDE TO THE DESIGN ENGINEER THE HORIZONTAL AND VERTICAL LOCATION AND SIZE. ALLOW THE ENGINEER SUFFICIENT TIME TO REVIEW INFORMATION AND MAKE ANY NECESSARY ADJUSTMENTS TO THE HORIZONTAL ALIGNMENT, VERTICAL DEPTH AND PIPE SIZE. CONTRACTOR IS NOT TO PROCEED UNTIL AUTHORIZED BY THE DESIGN ENGINEER.
2. FOR ALL OFF-SITE WORK, THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY CITY OF FRESNO PERMIT(S) AND PERMIT FEE(S).
3. WATER OBTAINED FROM ANY OFF-SITE FIRE HYDRANTS ARE SUBJECTED TO ALL CITY OF FRESNO WATER USE FEES.

0 20' 40'

SCALE: 1" = 20'

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Tetra , Inc. - expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	07/12/24	100% CD's

TETRA, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
SEWER AND WATER PLAN

PROJECT NO.
224-0194

DRAWING
C3

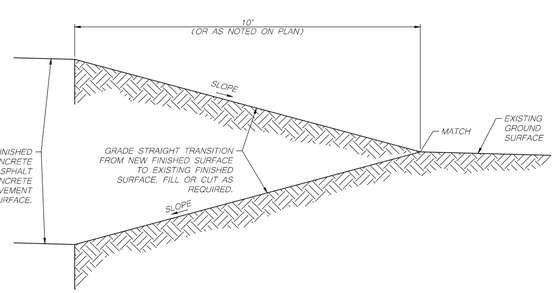
REGISTERED PROFESSIONAL ENGINEER
ALAN K. MOK
No. 42618
EXP. 3/30/26
CIVIL
STATE OF CALIFORNIA

Alan Mok, PE, PLS,
LEED AP
Principal
3433 W. SHAW AVENUE, #106
FRESNO, CALIFORNIA 93711
Tel. 559-432-6879
Fax. 559-432-6897
www.alanmokengineering.com

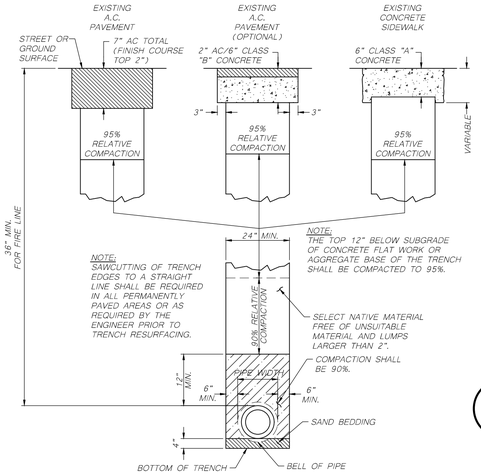
Alan Mok Engineering

PLOT DATE: 8/14/2024 6:25:07 PM

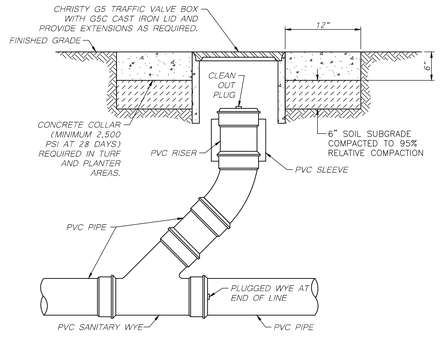
\\tetr-file1\Users\yanisse.montano_TETR\Documents\12500-A-PC_CULTURAL_yanisse.montano.rvt



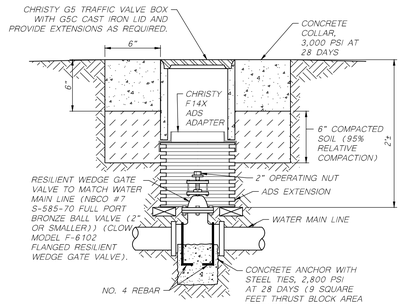
A GRADING TRANSITION
NOT TO SCALE



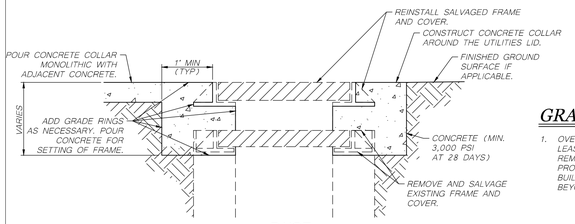
B TRENCH BACKFILL AND SURFACE REPLACEMENT
NOT TO SCALE



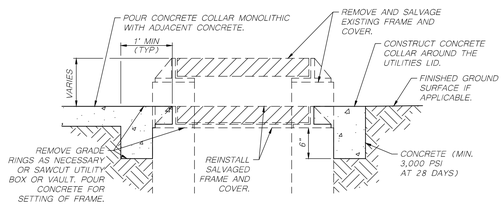
C SURFACE CLEANOUT AND TRAFFIC LID
NOT TO SCALE



D RESILIENT WEDGE GATE VALVE AND TRAFFIC LID
NOT TO SCALE

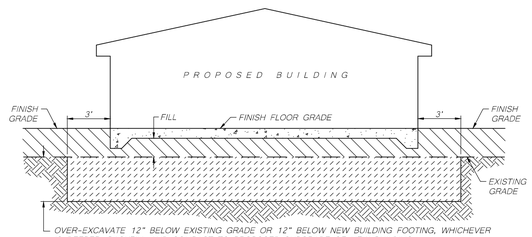


RAISE

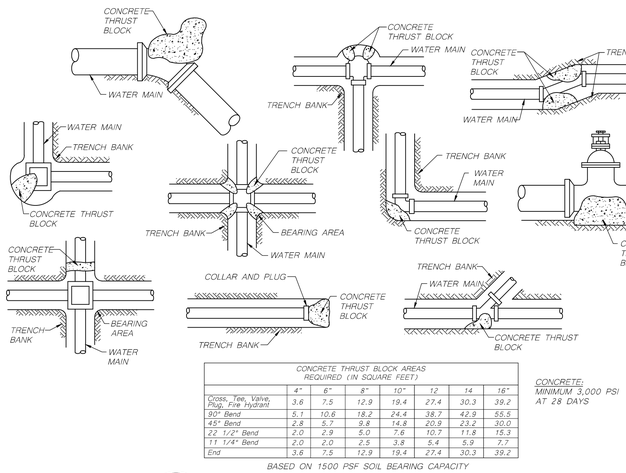


LOWER

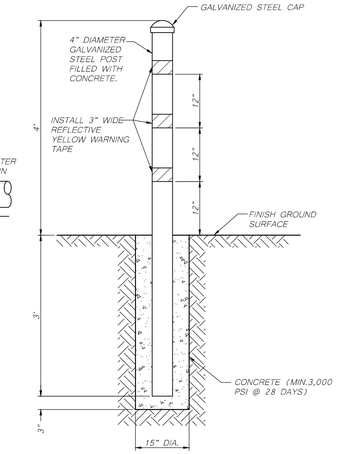
E ADJUST UTILITY LID
NOT TO SCALE



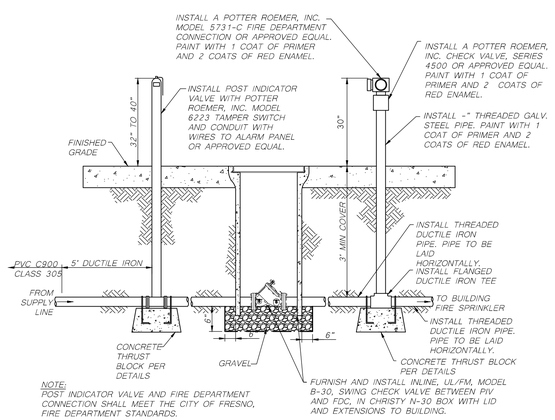
F OVER-EXCAVATION
NOT TO SCALE



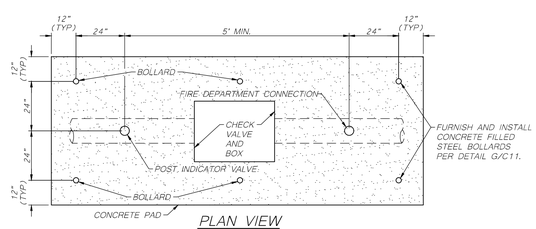
G CONCRETE THRUST BLOCKS
NOT TO SCALE



H STEEL BOLLARD
NOT TO SCALE



PROFILE VIEW



PLAN VIEW

I POST INDICATOR VALVE, CHECK VALVE AND FIRE DEPARTMENT CONNECTION
NOT TO SCALE

GRADING NOTES:

1. OVER-EXCAVATED TO AT LEAST TWELVE (12) INCHES BELOW PRECONSTRUCTION SITE STRIPPED SUBGRADES, TO AT LEAST 12 INCHES BELOW THE BOTTOM OF EXISTING IMPROVEMENTS TO BE REMOVED, TO THE DEPTH REQUIRED TO REMOVE UNDOCUMENTED FILL SOILS AND TO AT LEAST TWELVE (12) INCHES BELOW THE BOTTOM OF THE PROPOSED FOUNDATIONS, WHICHEVER IS GREATER. THE ZONE OF THE OVER-EXCAVATION FOR THE PROPOSED BUILDINGS SHOULD INCLUDE THE ENTIRE BUILDING FOOTPRINT, ALL FOUNDATIONS, A MINIMUM OF THREE (3) FEET BEYOND THE BUILDING. SEE DETAIL C/C11.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc., expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	07/12/24	100% CD's

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
DETAILS

PROJECT NO.
224-0194

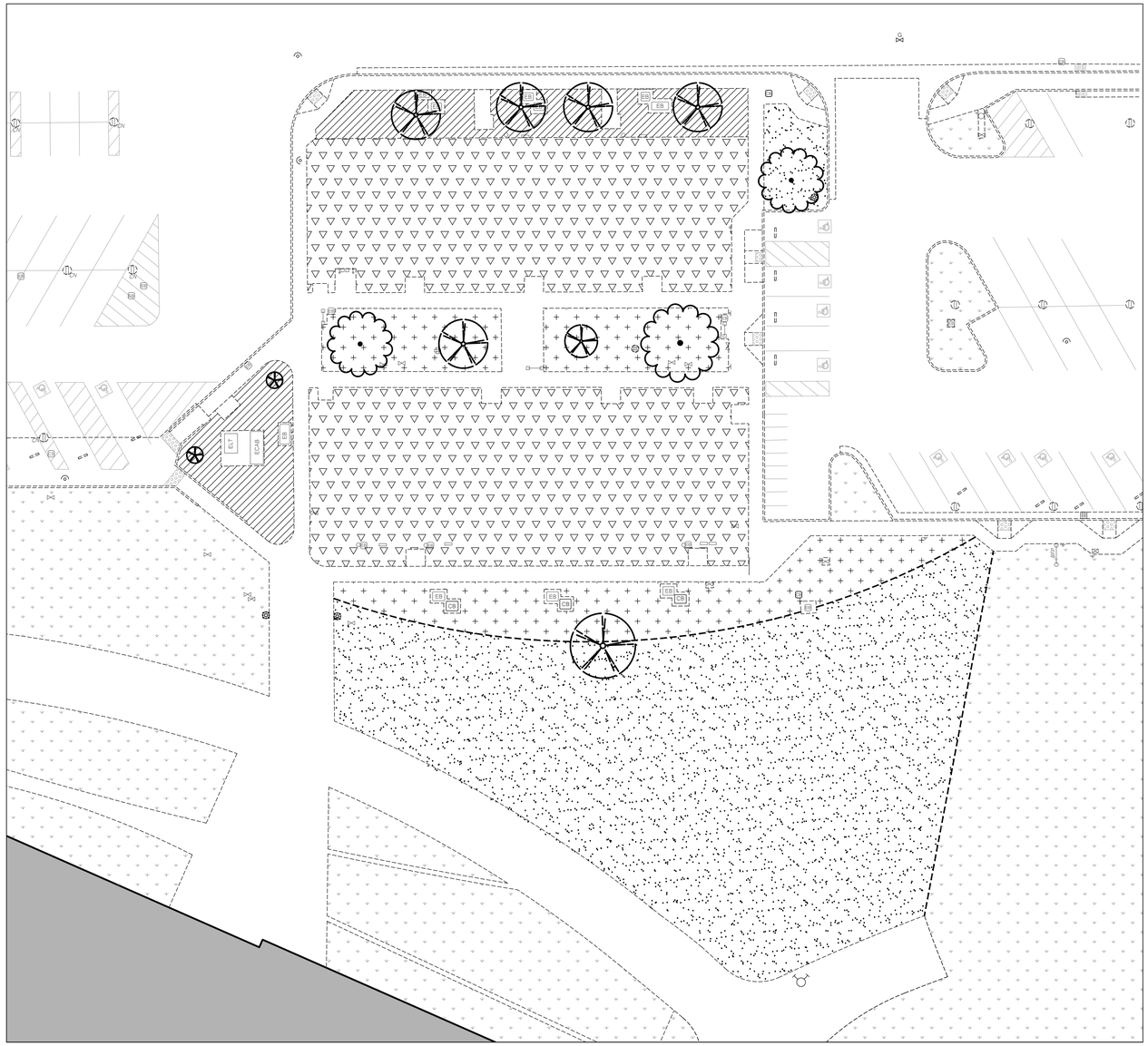
DRAWING
C4

REGISTERED PROFESSIONAL ENGINEER
ALAN K. MOK
No. 42618
EXP. 3/30/26
CIVIL
STATE OF CALIFORNIA

Alan Mok, PE, PLS, LEED AP
Principal
3433 W. SHAW AVENUE, #106
FRESNO, CALIFORNIA 93711
Tel. 559-432-6879
Fax. 559-432-6897
www.alanmokengineering.com

Alan Mok Engineering

PLOT DATE: 8/14/2024 6:25:07 PM
\\tet-file1\Users\yanisse.montano_TETR\Documents\12500-A-PC_CULTURAL_yanisse.montano.rvt



LANDSCAPE DEMOLITION LEGEND

SYMBOL	DESCRIPTION
	Existing Tree to Remain & Protect. Limit compaction and disturbance within the tree drip line. Use orange construction fencing to limit access to these areas before starting work. Provide temporary water as required to maintain a healthy growth state.
	Existing Tree to be Removed. Contractor is to remove the designated trees to include all vegetation, branches, trunk, stump and roots to a minimum depth of 36" below grade. Contractor is to fill any depressed areas with clean sandy topsoil and haul all debris off site at the contractors expense to an approved disposal site. Contractor to field verify. See Civil Demolition Plans to coordinate work.
	Existing Turf & Landscape Areas to Remain and Protect. Existing turf, plant material or trees that are damaged due to construction activities, vehicle damage, stress due to lack of water or other deterioration of the existing areas to remain are to be restored by the contractor to the existing condition prior to the project at no additional cost to the District. This includes damage that may occur at any area of the campus. In disturbed areas, the Contractor is to fill and grade low and depressed areas with clean sandy topsoil and hydroseed existing turf areas to match the adjacent existing turf. In shrub areas, after grading as described above, the Contractor is to repair any damage and replace any stressed or damaged plant material to match the existing. The Contractor is responsible for hydroseeding over trenches and all disturbed turf areas due to any construction activities. Contractor is to maintain hydroseeded and repaired landscape areas until fully established and weed free, a minimum of 120 days or until accepted by the District.
	Existing Planter Areas to be Removed. Contractor is to remove the designated shrubs to include all vegetation, branches, trunk, stump and roots to a minimum depth of 24" below grade. Contractor is to fill any depressed areas with clean sandy topsoil and haul all debris off site at the contractors expense to and approved disposal site. Contractor to field verify.
	Existing Turf Demolition: Contractor is to remove existing turf areas after existing turf has been eradicated with approved chemical herbicide (3 applications min.) required. Contractor to irrigate existing turf to keep in healthy growth state. Herbicide applications are to be a minimum of 1 week apart. Contractor is to remove all vegetation and root mat where new landscaping is shown or other improvements are shown. Regrade Landscape areas 1" (Turf Areas) below adjacent concrete sidewalks and contour grades to insure positive drainage in areas. Contractor is to remove all vegetation, green waste and debris off site at no additional cost to the District. All landscape areas are to have a positive slope and the site is to be free draining with no standing water. See Site Grading Plan. Contractor is to field verify the extent of Landscape Demolition prior to bid.
	Existing Vegetation and Gravel Building Pad Area to be Removed. All existing vegetation and gravel is to be removed to native soil from the site and hauled to an approved disposal site. Contractor to field verify.
	Renovated Turf Area. Contractor is to fill and grade low and depressed areas with clean sandy loam topsoil and hydroseed area to match the adjacent existing turf. Renovated turf areas are to be scalped and verticut in two directions to prepare the seed bed and insure seed to soil contact before hydroseeding. Contractor to seed areas to match existing turfgrass, with a blend of Pan Am Bermudagrass (4 lbs per 1,000 sq ft), and Perennial Ryegrass (8 lbs per 1,000 sq ft), or approved equal. Hydroseed at a rate of twelve pounds per one thousand square feet (12 lbs/1,000 sq ft.). See specifications for hydroseeding. The Contractor is responsible for hydroseeding over trenches and all disturbed areas due to construction activities from any trade on all parts of the campus. Contractor is to maintain hydroseeded areas until fully established and weed free. Contractor is to field verify.

Contractor is to remove existing turf areas where new improvements are shown. Contractor is to remove all vegetation and shrubbery where new improvements are shown. Remove root systems as required to a minimum depth of 24" below grade for shrubs and trees. Regrade turf areas 1" below adjacent concrete sidewalks and contour grades to insure positive drainage. Contractor is to remove all vegetation, green waste and debris off site at no additional cost to the District. All planters are to have a positive slope away from buildings (min. 2% slope).

NORTH

1" = 20'-0"

1

PLOT DATE:

LANDSCAPE DEMOLITION PLAN

David Bigler Associates
Landscape Architect #3887
1589 W Shaw Avenue, #5
Fresno, California 93711
E Mail: davebigler @aol.com
Tel: (559) 276-9495
Fax: (559) 276-9497

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or part, for any other project, without prior written authorization.

MARK	DATE	DESCRIPTION
A	01/07/26	100% CD - BID SET

LANDSCAPE ARCHITECT DAVID BIGLER #3887 31 JULY 26 RENEWAL STATE OF CALIFORNIA

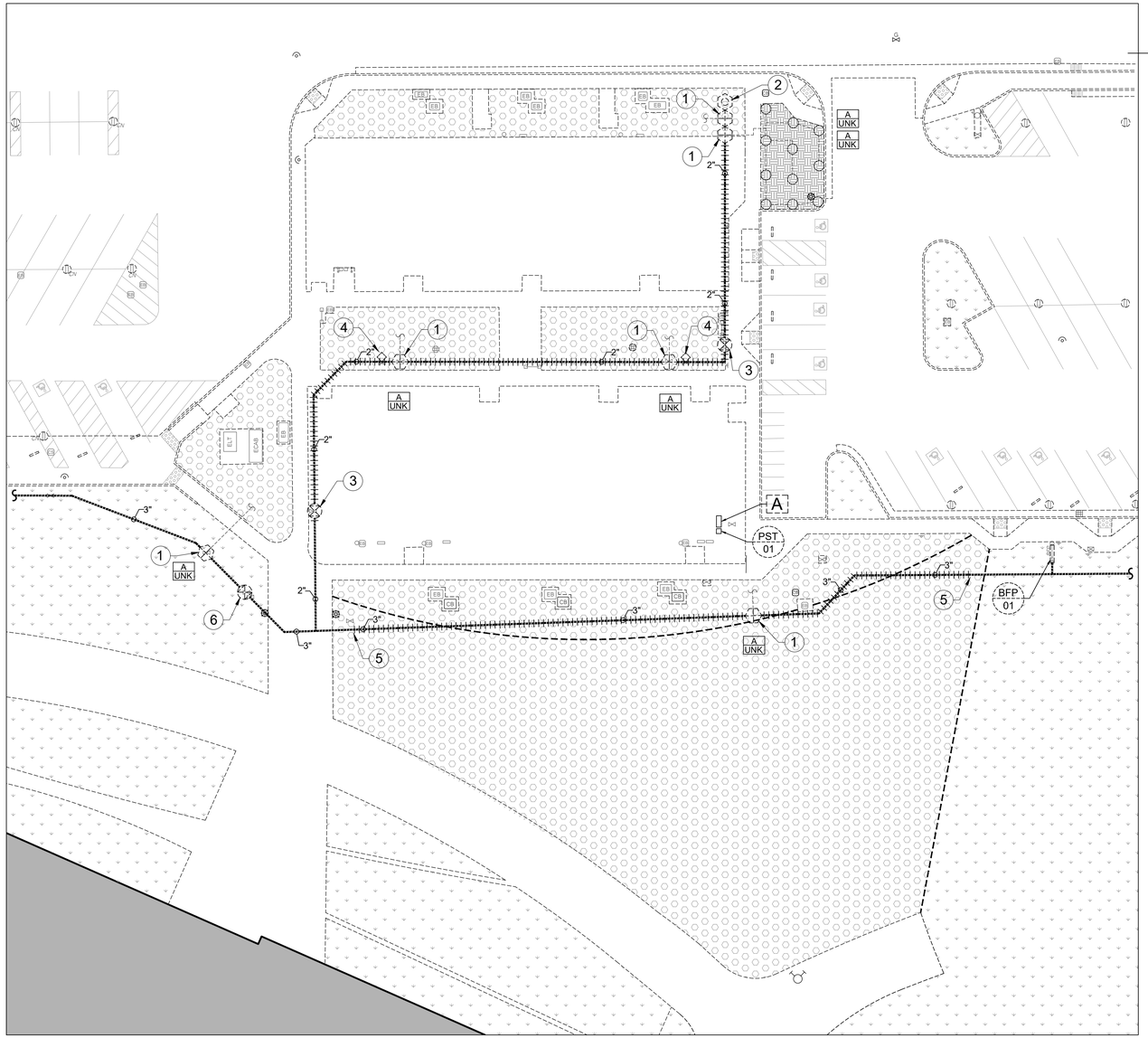
TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO |

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
LANDSCAPE DEMOLITION PLAN

PROJECT NO.
12500

DRAWING
L100



IRRIGATION DEMOLITION KEYNOTES

1. EXISTING IRRIGATION CONTROL VALVE TO BE REMOVED. CONTRACTOR IS TO FIELD LOCATE VALVE, REMOVE VALVE & MANIFOLD AND CAP AT MAINLINE PIPE CONNECTION. DELIVER USABLE PARTS AND VALVE BOX TO DISTRICT. DISPOSE OF ALL REMOVED MATERIALS NOT WANTED BY DISTRICT OFF SITE AT NO ADDITIONAL COST TO DISTRICT. CONTRACTOR TO FIELD LOCATE.
2. EXISTING IRRIGATION AIR RELIEF VALVE TO BE REMOVED. CONTRACTOR IS TO FIELD LOCATE VALVE, REMOVE VALVE & MANIFOLD AND CAP AT MAINLINE PIPE CONNECTION. DELIVER USABLE PARTS AND VALVE BOX TO DISTRICT. DISPOSE OF ALL REMOVED MATERIALS NOT WANTED BY DISTRICT OFF SITE AT NO ADDITIONAL COST TO DISTRICT. CONTRACTOR TO FIELD LOCATE.
3. EXISTING IRRIGATION ISOLATION GATE VALVE TO BE REMOVED. CONTRACTOR IS TO FIELD LOCATE VALVE, REMOVE VALVE & MANIFOLD AND CAP AT MAINLINE PIPE CONNECTION. DELIVER USABLE PARTS AND VALVE BOX TO DISTRICT. DISPOSE OF ALL REMOVED MATERIALS NOT WANTED BY DISTRICT OFF SITE AT NO ADDITIONAL COST TO DISTRICT. CONTRACTOR TO FIELD LOCATE.

IRRIGATION DEMOLITION KEYNOTES

4. EXISTING IRRIGATION QUICK COUPLER VALVE TO BE REMOVED. CONTRACTOR IS TO FIELD LOCATE VALVE, REMOVE VALVE & MANIFOLD AND CAP AT MAINLINE PIPE CONNECTION. DELIVER USABLE PARTS AND VALVE BOX TO DISTRICT. DISPOSE OF ALL REMOVED MATERIALS NOT WANTED BY DISTRICT OFF SITE AT NO ADDITIONAL COST TO DISTRICT. CONTRACTOR TO FIELD LOCATE.
5. IRRIGATION POINT OF CONNECTION: CONTRACTOR IS TO CONNECT NEW IRRIGATION MAINLINE PIPE TO EXISTING IRRIGATION MAINLINE PIPE TO REMAIN IN SERVICE AT THE LOCATIONS INDICATED. EXISTING MAINLINE PIPE ROUTING IS DIAGRAMMATIC, AND CONTRACTOR IS TO FIELD LOCATE TO DETERMINE POINTS OF CONNECTION IN THE FIELD. SEE IRRIGATION PLAN L201 AND L202 FOR ADDITIONAL INFORMATION. CONTRACTOR IS TO INTERCEPT THE EXISTING LOW VOLTAGE CONTROL WIRES FOR EXISTING REMOTE CONTROL VALVES OUTSIDE PROJECT AREA TO REMAIN AND PROTECT AND SECURE CONVENTIONAL LOW VOLTAGE CONTROL WIRING AND IS TO EXTEND WITH NEW LOW VOLTAGE CONTROL WIRING TO NEW REPLACEMENT IRRIGATION CONTROLLER 'A' AS

IRRIGATION DEMOLITION KEYNOTES

REQUIRED. CONTRACTOR IS TO TRACE THE EXISTING LOW VOLTAGE CONTROL WIRING FROM EXISTING IRRIGATION CONTROLLER 'A' AND INSURE THAT ALL EXISTING VALVES TO REMAIN AND PROTECT OUTSIDE THE PROJECT AREA HAVE NEW LOW VOLTAGE CONTROL WIRING INSTALLED AS NOTED ABOVE. CONTRACTOR IS TO TRACE ALL EXISTING LOW VOLTAGE CONTROL WIRING IN THE FIELD TO DETERMINE THE BEST LOCATION TO INTERCEPT EXISTING CONTROL WIRES AS NOTED ABOVE. CONTRACTOR TO FIELD VERIFY.

6. EXISTING GATE VALVE TO REMAIN AND PROTECT. CONTRACTOR TO FIELD VERIFY.

IRRIGATION DEMOLITION LEGEND

SYMBOL	DESCRIPTION
○	Existing Sprinklers to be removed and replaced with new 6" pop up sprinklers and swing joints. Existing lateral pipe is to remain and protect and be reused in this area only. All replacement sprinklers, nozzles and swing joints are to comply with the products specified on this irrigation legend. Contractor is to repair existing lateral pipe as required in this area. Contractor is to replace or add sprinklers to provide full coverage to the area. Contractor to field verify. See Installation Details #02 on Plan Sheet L300 for additional information.
- - - - - -	Existing Lateral Pipe to remain and protect, except where located in Irrigation Demolition Areas. Routing shown is diagrammatic. Contractor is to pot hole and field locate all relevant existing irrigation improvements that affect construction activities. Designated existing lateral pipes are to remain & protect. Contractor is to field verify existing conditions prior to bid to determine the final extent of work. See Landscape Irrigation Plan for additional information where new irrigation lateral pipes will connect with existing irrigation lateral pipes and existing remote control valves. Existing lateral pipes located in Irrigation Demolition Areas are to be removed where it interferes with construction activities or are located below the proposed building, otherwise it may be abandoned below grade. If existing lateral pipe is brought to the surface in demolition areas it is to be removed to a minimum depth of twelve inches below grade and capped. See Keynotes and Landscape Irrigation Plan, L201 for additional information. Contractor to field verify.
----------	Existing Irrigation Mainline (Remain and Protect): Routing shown is diagrammatic. Contractor is to pot hole and field locate all relevant existing irrigation improvements that affect construction activities. Sections of the existing mainline pipe are to remain and protect and other sections are being taken out of service. Mainline piping being taken out of service is to be removed where it interfere's with construction activities or is located below the proposed building, otherwise mainline piping may be abandoned below grade. Cap ends to abandon below grade where it is cut or damaged. Contractor is to field verify existing conditions prior to bid to determine the final extent of work. See Landscape Irrigation Plan for additional information where new irrigation mainline will replace existing irrigation mainline pipe. See Keynotes and Landscape Irrigation Plan, L201 for additional information. Contractor is to field verify.
++++++++++++++++	Existing Irrigation Mainline (Abandoned/Removed): Routing shown is diagrammatic. Contractor is to pot hole and field locate all relevant existing irrigation improvements that affect construction activities. Sections of the existing mainline pipe are being taken out of service. Mainline piping being taken out of service is to be removed where it interfere's with construction activities, or is located below the proposed building, otherwise mainline piping may be abandoned below grade. Cap ends to abandon below grade where it is cut or damaged. Contractor is to field verify existing conditions prior to bid to determine the final extent of work. See Irrigation Plan, L201 for additional information where new irrigation mainline will replace existing irrigation mainline pipe. Contractor to field verify.
⊕	Existing Remote Control Valve to Remain & Protect, unless otherwise noted. See Keynotes, designated Irrigation Demolition areas and Landscape Irrigation Plan, L201 for additional information. Contractor to field verify.
◇	Existing Quick Coupler Valve to Remain & Protect, unless otherwise noted. See Keynotes, designated Irrigation Demolition areas and Landscape Irrigation Plan, L201 for additional information. Contractor to field verify.
⊗	Existing Gate Valve to Remain & Protect, unless otherwise noted. See Keynotes, designated Irrigation Demolition areas and Landscape Irrigation Plan, L201 for additional information. Contractor to field verify.
⊕	Existing Air Relief Valve to Remain & Protect, unless otherwise noted. See Keynotes, designated Irrigation Demolition areas and Landscape Irrigation Plan, L201 for additional information. Contractor to field verify.
A / UNK	Existing Controller # / Station # is unknown Gallons per minute (UNK - Valve flow rate is unknown)
A	Existing Irrigation Controller 'A' is to be removed, relocated and replaced. The existing Irrigation Controller 'A' is a 32 station Rainbird 32-SAT wall mount controller with 23 of 32 stations in service operating many locations of the campus to remain and protect. Contractor is to erect a temporary backboard to keep the existing irrigation controller in service until new improvements have been installed and are ready to be put in service. When new improvements have been installed and are operational, Contractor is to remove the existing Irrigation Controller 'A' and associated conduits and electrical improvements as required. Contractor is to remove electrical conductors from the source electrical panel and remove existing conductors from existing electrical conduit. Existing electrical conduit that is below grade may be abandoned in place, however sections may be removed where it interferes with construction activities. Contractor is to deliver the salvaged controller and enclosure to the District. Contractor is to install a Christy #B16 Utility Box, 16" x 25" (B16 Box) reinforced concrete vault with reinforced concrete cover, or approved equal at the base of the existing Irrigation Controller 'A' location to secure the incoming low voltage control wiring for valves to remain and protect and extend low voltage control wiring as required to the new Irrigation Controller 'A'. Adjust vault for flush installation with proposed hardscape with four (4) 8 inch square leveling blocks and gravel. See Irrigation Plan L201 and L202 for additional information. Contractor to field verify.
PST 01	Existing Pump Start Relay Assembly to be relocated. Contractor is to remove the existing Pump Start Relay panel and is to secure existing wiring and extend to the new replacement Irrigation Controller 'A' enclosure and reconnect to existing Pump Start Relay devices in the new replacement Irrigation Controller 'A' enclosure. Contractor is to deliver the salvaged panel enclosure to the District. Contractor is to install a Christy #B12 Utility Box, 15" x 22" (B12 Box) reinforced concrete vault with reinforced concrete cover, or approved equal at the base of the existing Pump Start Relay panel location to secure the incoming power and control wiring for the Pump Start Relay to remain and protect and be relocated. Extend power and control wiring as required to the new Irrigation Controller 'A' enclosure with all work compliant with CEC codes. Adjust vault for flush installation with proposed hardscape with four (4) 8 inch square leveling blocks and gravel. Contractor to field verify.
BFP 01	Existing 3" Backflow Preventer to remain and protect. Contractor to field verify.
	Existing Irrigation Areas to be Removed. The Contractor is to remove existing sprinklers, valves and other irrigation improvements visible at the surface in areas to receive new irrigation and deliver salvaged parts, including, but not limited to sprinklers, valves, valve boxes etc., to the District Maintenance Department. Piping is to be removed where it interferes with construction activities, otherwise piping may be abandoned below grade. Where piping is brought to the surface, the Contractor shall cut it off a minimum of 12" below grade and capped. Depressions and holes that are created from removing existing irrigation improvements being replaced are to be filled with clean topsoil level with surrounding grade and compacted. Irrigation system and building water are to remain intact and operational for areas to remain and protect. Contractor to field verify.
	Existing Irrigation Areas to be Modified. The existing sprinklers are to be replaced with swing joint with new nozzles as called for on the Landscape Irrigation Legend on Plan Sheet L202. Contractor is to repair, add, relocate and replace sprinklers as required and repair / modify existing lateral piping as required to achieve full coverage. See Landscape Irrigation Plan, L201 for additional information. Contractor to field verify.
	Existing Irrigation Improvements to Remain and Protect. All areas adjacent to the project area have existing Irrigation Improvements to Remain & Protect. Contractor is to repair all damage to existing improvements that are intended to remain & protect to match existing improvements. Damage may be a direct or indirect result of their work or may be caused by neglect. Contractor to field verify.

Dashed symbols represent existing irrigation improvements to Remain & Protect unless otherwise noted or located in areas to receive new improvements or areas to have new irrigation installed. Existing locations are diagrammatic. Contractor is to field locate all existing improvements that may effect the work. Contractor to field verify.

NORTH

1" = 20'-0"

PLOT DATE:

IRRIGATION DEMOLITION PLAN

2

David Bigler Associates
Landscape Architect #3887
1589 W Shaw Avenue, #5
Fresno, California 93711
E Mail: davebigler @aol.com
Tel: (559) 276-9495
Fax: (559) 276-9497

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used for any purpose without the express written authorization.

MARK	DATE	DESCRIPTION
A	01/07/26	100% CD - BID SET

LANDSCAPE ARCHITECT — DAVID BIGLER — LICENSED — PLAN # 3887 — 31 JULY 26 — RENEWAL — STATE OF CALIFORNIA

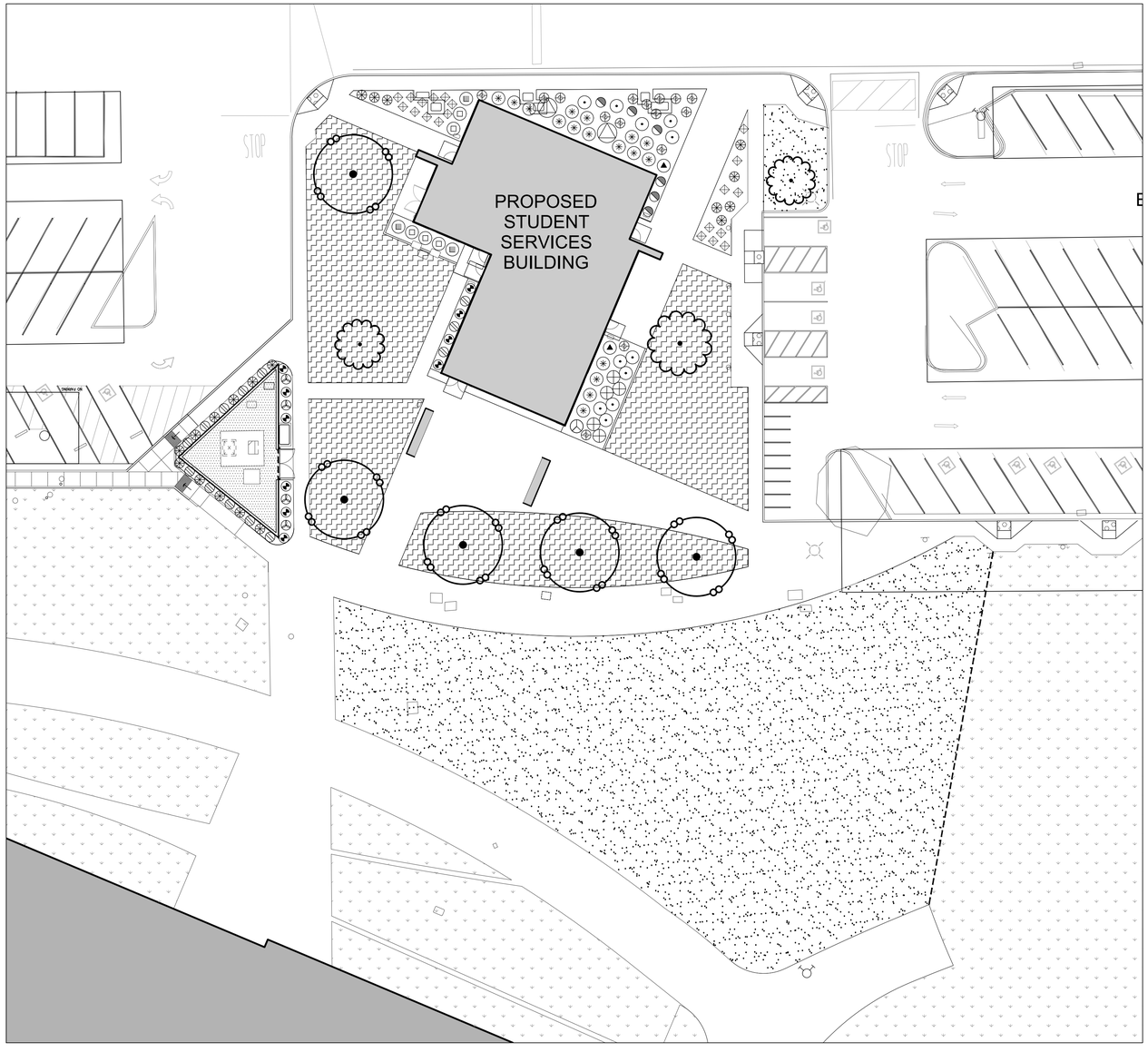
TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO |
ARCHITECTS ENGINEERS CONSULTANTS CONNECTED

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
IRRIGATION DEMOLITION PLAN

PROJECT NO.
12500

DRAWING
L101



LANDSCAPE PLANTING LEGEND

SYMBOL	SIZE	WATER USE	DESCRIPTION
	1 Gal	Low	BULBINE frutescens 'Tiny Tangerine', Orange Bulbine.
	1 Gal	Low	DIETES iridioides 'Lemon Drops', Hybrid Fortnight Lily.
	1 Gal	Low	DIANELLA revoluta 'Little Rev', Little Rev Flax.
	5 Gal	Low	NANDINA domestica 'Gulf Stream', Heavenly Bamboo.
	5 Gal	Mod	SPIRAEA japonica 'Neon Flash', Neon Flash Spiraea.
	5 Gal	Low	SALVIA microphylla 'Hot Lips', Hot Lips Salvia.
	1 Gal	Mod	DIANELLA caerulea 'Cassa Blue', Cassa Blue Flax.
	5 Gal	Mod	PITTOSPORUM tobira 'Varigata', Variagated Tobira.
	5 Gal	Mod	LOROPETALUM chinense 'Burgundy', Loropetelum.
	5 Gal	Mod	COLEONEMA pulchellum 'Sunset Gold', Gold Breath of Heaven.
	5 Gal	Mod	RHAPHIOLEPIS indica 'Enchantress', Indian Hawthorn.
	5 Gal	Low	CALLISTEMON viminalis 'Little John', Dwarf Bottle Brush.
	5 Gal	Mod	CAMELLIA japonica 'Kraimer Supreme', Red Camellia.
	5 Gal	Low	TECOMA x 'Solar Flare', Solar Flare Tecoma.
	15 Gal	Mod	MAGNOLIA soulagiana 'Alexandrina', Saucer Magnolia, Multi Trunk Form.
	24" Box	Mod	GINKGO biloba 'Princeton Sentry', Princeton Sentry Ginkgo Tree.
			Existing Tree to Remain & Protect. Limit compaction and disturbance within the tree drip line. Provide temporary water as required daily in the Spring and Summer to maintain a healthy growth state.

Renovated Turf Area. Contractor is to fill and grade low and depressed areas with clean sandy loam topsoil and hydroseed area to match the adjacent existing turf. Renovated turf areas are to be scalped and verticut in two directions to prepare the seed bed and insure seed to soil contact before hydroseeding. Contractor to seed areas to match existing turfgrass, with a blend of Pan Am Bermudagrass (4 lbs per 1,000 sq ft), and Perennial Ryegrass (8 lbs per 1,000 sq ft), or approved equal. Hydroseed at a rate of twelve pounds per one thousand square feet (12 lbs/1,000 sq ft.). See specifications for hydroseeding. The Contractor is responsible for hydroseeding over trenches and all disturbed areas due to construction activities from any trade on all parts of the campus. Contractor is to maintain hydroseeded areas until fully established and weed free. Contractor is to field verify.

Contractor is to remove existing turf areas where new improvements are shown. Contractor is to remove all vegetation and shrubbery where new improvements are shown. Remove root systems as required to a minimum depth of 24" below grade for shrubs and trees. Regrade turf areas 1" below adjacent concrete sidewalks and contour grades to insure positive drainage. Contractor is to remove all vegetation, green waste and debris off site at no additional cost to the District. All planters are to have a positive slope away from buildings (min. 2% slope).

Sodded Turfgrass - Celebration Hybrid Bermudagrass Big Roll Sod as supplied by AG Sod, Alec LeMay, (559) 289-6381, or approved equal. See specifications. Contractor is to maintain sodded turfgrass until fully established and weed free. Contractor is to remove existing turf areas where new improvements or sod are shown. Contractor is to remove all vegetation and shrubbery where new improvements are shown. Remove root systems as required to a minimum depth of 18" below grade for shrubs and trees. Regrade turf areas 1" below adjacent concrete sidewalks and contour grades to insure positive drainage. Contractor is to remove all vegetation, green waste and debris off site at no additional cost to the District. All planters are to have a positive slope away from buildings (min. 2% slope).

3" Compacted Layer of Gold Stabilized Gold Decomposed Granite as supplied by Rosenbalm's Rockery, Fresno, CA, or approved equal, installed over a compacted (90% relative compaction) subgrade. Excavate existing soil as required to achieve the design finish grade (top of DG) per site grading plans and slope to drain. Contractor is to install landscape weed control fabric below the decomposed granite. See Installation Detail #13 on Plan Sheet L301 and landscape specifications for additional information.

Existing Turf & Landscape Areas to Remain and Protect. In disturbed areas, the Contractor is to fill and grade low and depressed areas with clean sandy topsoil and hydroseed existing turf areas to match the adjacent existing turf (see turf renovation note above. In shrub areas, after grading as described above, the Contractor is to repair any damage and replace any stressed or damaged plant material to match the existing. The Contractor is responsible for hydroseeding over trenches and all disturbed turf areas due to any construction activities. Contractor is to maintain hydroseeded and repaired landscape areas until fully established and weed free, a minimum of 120 days or until accepted by the District. This includes damage that may occur in any area of the campus. Contractor to field verify.

TOPDRESSING MULCH NOTE #1

3" Compacted Layer of Premium Walk on Bark topdressing mulch to be supplied by Superior Soil Suppliments, or approved equal. Topdressing mulch to be placed in all non turf landscape areas. Topdressing mulch thickness is to be evaluated at the end of maintenance period and areas that do not have 3" compacted thickness are to have additional mulch added to have specified depth prior to project closeout.

TOPDRESSING MULCH NOTE #2

Topdressing Mulch Installation Note: Perimeter "lock trench" for Topdressing Mulch Areas - Contractor is to lower the existing grade at all perimeter areas where designated topdressing mulch areas are adjacent to perimeter curb, sidewalk or utility vaults or any other hardscaped surface: Walk on Bark areas (3") below the top of adjacent hardscape surface over one foot (1'-0" width) and then taper to existing grade in a gentle manner over a one to two foot area (1'-0" - 2'-0") as required. Edge grading work is to "lock" the topdressing mulch in place to eliminate mulch migration and loss. Contractor is to remove "lock trench" spoils and extra soil off site as part of the bid or incorporate into site grading. Contractor is to field verify. See Installation Detail #20 on Plan Sheet L301 for additional information.

SEE TREE & SHRUB PLANTING DETAIL #14 ON PLAN SHEET L301

NORTH

1" = 20'-0"

3

David Bigler Associates
Landscape Architect #3887
1589 W Shaw Avenue, #5
Fresno, California 93711
E Mail: davebigler @aol.com
Tel: (559) 276-9495
Fax: (559) 276-9497

PLOT DATE:

LANDSCAPE PLANTING PLAN

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used for any purpose or by any other project without prior written authorization.

MARK	DATE	DESCRIPTION
A	01/07/26	100% CD - BID SET

LICENSED LANDSCAPE ARCHITECT DAVID A. BIGLER #3887 31 JULY 26 RENEWAL STATE OF CALIFORNIA

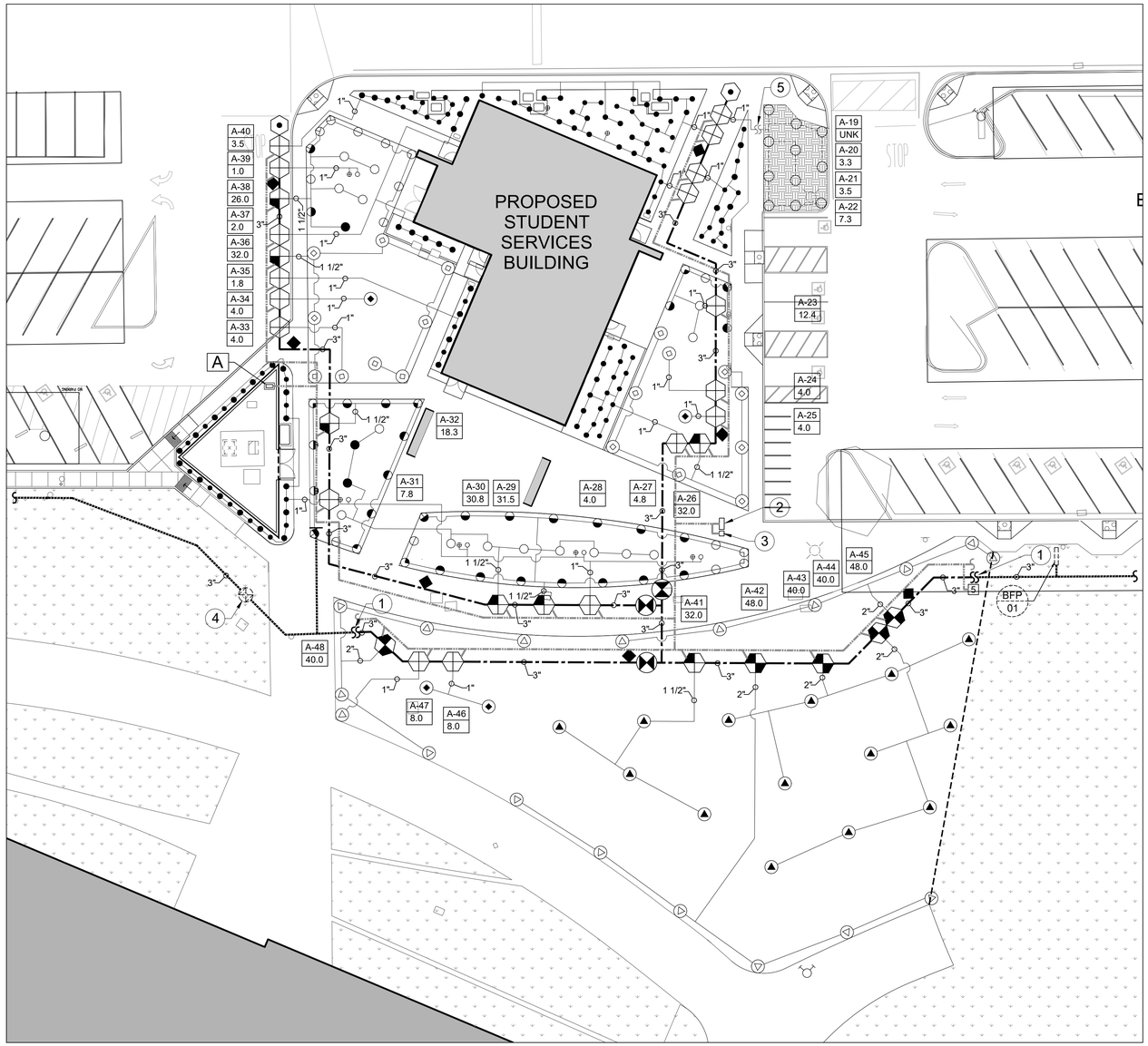
TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
LANDSCAPE PLANTING PLAN

PROJECT NO.
12500

DRAWING
L200



SEE LANDSCAPE IRRIGATION LEGEND ON PLAN SHEET L202

IRRIGATION DEMOLITION KEYNOTES

1. IRRIGATION POINT OF CONNECTION: CONTRACTOR IS TO CONNECT NEW IRRIGATION MAINLINE PIPE TO EXISTING IRRIGATION MAINLINE PIPE TO REMAIN IN SERVICE AT THE LOCATIONS INDICATED. EXISTING MAINLINE PIPE ROUTING IS DIAGRAMMATIC, AND CONTRACTOR IS TO FIELD LOCATE TO DETERMINE POINTS OF CONNECTION IN THE FIELD. SEE IRRIGATION DEMOLITION PLAN L101 FOR ADDITIONAL INFORMATION. CONTRACTOR IS TO INTERCEPT THE EXISTING LOW VOLTAGE CONTROL WIRES FOR EXISTING REMOTE CONTROL VALVES OUTSIDE PROJECT AREA TO REMAIN AND PROTECT AND SECURE CONVENTIONAL LOW VOLTAGE CONTROL WIRING AND IS TO EXTEND WITH NEW LOW VOLTAGE CONTROL WIRING TO NEW REPLACEMENT IRRIGATION CONTROLLER 'A' AS REQUIRED. CONTRACTOR IS TO TRACE THE EXISTING LOW VOLTAGE CONTROL WIRING FROM EXISTING IRRIGATION CONTROLLER 'A' AND INSURE THAT ALL EXISTING VALVES TO REMAIN AND PROTECT OUTSIDE THE PROJECT AREA HAVE NEW LOW VOLTAGE CONTROL WIRING INSTALLED AS NOTED ABOVE. CONTRACTOR IS TO TRACE ALL EXISTING LOW VOLTAGE CONTROL WIRING IN THE FIELD TO DETERMINE THE BEST LOCATION TO INTERCEPT EXISTING CONTROL WIRES AS NOTED ABOVE. CONTRACTOR TO FIELD VERIFY.

2. EXISTING IRRIGATION CONTROLLER 'A' IS TO BE REMOVED, RELOCATED AND REPLACED. THE EXISTING IRRIGATION CONTROLLER 'A' IS A 32 STATION RAINBIRD 32-SAT WALL MOUNT CONTROLLER WITH 23 OF 32 STATIONS IN SERVICE OPERATING MANY LOCATIONS OF THE CAMPUS TO REMAIN AND PROTECT. CONTRACTOR IS TO ERECT A TEMPORARY BACKBOARD TO KEEP THE EXISTING IRRIGATION CONTROLLER IN SERVICE UNTIL NEW IMPROVEMENTS HAVE BEEN INSTALLED AND ARE READY TO BE PUT IN SERVICE. WHEN NEW IMPROVEMENTS HAVE BEEN INSTALLED AND ARE OPERATIONAL, CONTRACTOR IS TO REMOVE THE EXISTING IRRIGATION CONTROLLER 'A' AND ASSOCIATED CONDUITS AND ELECTRICAL IMPROVEMENTS AS REQUIRED. CONTRACTOR IS TO REMOVE ELECTRICAL CONDUCTORS FROM THE SOURCE ELECTRICAL PANEL AND REMOVE EXISTING CONDUCTORS FROM EXISTING ELECTRICAL CONDUIT. EXISTING ELECTRICAL CONDUIT THAT IS BELOW GRADE MAY BE ABANDONED IN PLACE, HOWEVER SECTIONS MAY BE REMOVED WHERE IT INTERFERES WITH CONSTRUCTION ACTIVITIES. CONTRACTOR IS TO DELIVER THE SALVAGED CONTROLLER AND ENCLOSURE TO THE DISTRICT. CONTRACTOR IS TO INSTALL A CHRISTY #B16 UTILITY BOX, 16" X 25" (B16 BOX) REINFORCED CONCRETE VAULT WITH REINFORCED CONCRETE COVER, OR APPROVED EQUAL AT THE BASE OF THE EXISTING IRRIGATION CONTROLLER 'A' LOCATION TO SECURE THE INCOMING LOW VOLTAGE CONTROL WIRING FOR VALVES TO REMAIN AND PROTECT AND EXTEND LOW VOLTAGE CONTROL WIRING AS REQUIRED TO THE NEW IRRIGATION CONTROLLER 'A'. ADJUST VAULT FOR FLUSH INSTALLATION WITH PROPOSED HARDSCAPE WITH FOUR (4) 8 INCH SQUARE LEVELING BLOCKS AND GRAVEL. SEE IRRIGATION DEMOLITION PLAN L101 FOR ADDITIONAL INFORMATION. CONTRACTOR TO FIELD VERIFY.

3. EXISTING PUMP START RELAY ASSEMBLY TO BE RELOCATED. CONTRACTOR IS TO REMOVE THE EXISTING PUMP START RELAY PANEL AND IS TO SECURE EXISTING WIRING AND EXTEND TO THE NEW REPLACEMENT IRRIGATION CONTROLLER 'A' ENCLOSURE AND RECONNECT TO EXISTING PUMP START RELAY DEVICES IN THE NEW REPLACEMENT IRRIGATION CONTROLLER 'A' ENCLOSURE. CONTRACTOR IS TO DELIVER THE SALVAGED PANEL ENCLOSURE TO THE DISTRICT. CONTRACTOR IS TO INSTALL A CHRISTY #B12 UTILITY BOX, 15" X 22" (B12 BOX) REINFORCED CONCRETE VAULT WITH REINFORCED CONCRETE COVER, OR APPROVED EQUAL AT THE BASE OF THE EXISTING PUMP START RELAY PANEL LOCATION TO SECURE THE INCOMING POWER AND CONTROL WIRING FOR THE PUMP START RELAY TO REMAIN AND PROTECT AND BE RELOCATED. EXTEND POWER AND CONTROL WIRING AS REQUIRED TO THE NEW IRRIGATION CONTROLLER 'A' ENCLOSURE WITH ALL WORK COMPLIANT WITH CEC CODES. ADJUST VAULT FOR FLUSH INSTALLATION WITH PROPOSED HARDSCAPE WITH FOUR (4) 8 INCH SQUARE LEVELING BLOCKS AND GRAVEL. CONTRACTOR TO FIELD VERIFY.

4. EXISTING GATE VALVE TO REMAIN AND PROTECT. CONTRACTOR TO FIELD VERIFY.

5. CONTRACTOR IS TO FIELD LOCATE EXISTING LATERAL PIPE AND CONNECT TO NEW LATERAL PIPE AS SHOWN. CONTRACTOR TO FIELD VERIFY.

Tetes, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used for any purpose without the expressed permission of Tetes, Inc. and is not to be loaned, copied or transferred to any other person or party without prior written authorization.

MARK	DATE	DESCRIPTION
A	01/07/26	100% CD - BID SET

LANDSCAPE ARCHITECT — DAVID R. BIGLER — REG. # 3887 — 31 JULY '26 — RENEWAL — STATE OF CALIFORNIA

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
LANDSCAPE IRRIGATION PLAN

PROJECT NO.
12500

DRAWING
L201

NORTH

1" = 20'-0"

4

David Bigler Associates
Landscape Architect #3887
1589 W Shaw Avenue, #5
Fresno, California 93711
E Mail: davebigler @aol.com
Tel: (559) 276-9495
Fax: (559) 276-9497

PLOT DATE:

LANDSCAPE IRRIGATION PLAN

LANDSCAPE IRRIGATION LEGEND

IRRIGATION NOTES

1. THE CONTRACTOR IS RESPONSIBLE TO CAREFULLY EXAMINE THE SITE AND PLANS TO FIELD VERIFY ALL EXISTING CONCRETE, PATIOS, SIDEWALKS, PAVING AND OTHER HARDSCAPING TO REMAIN AND PROTECT TO DETERMINE THE SCOPE OF WORK REGARDING THE REQUIRED HORIZONTAL DIRECTIONAL BORING THAT WILL BE NECESSARY TO COMPLETE THE PROJECT. ALL EXISTING CONCRETE, PATIOS, SIDEWALKS, PAVING AND OTHER HARDSCAPED SURFACES MAY NOT BE SHOWN ON THE PLANS. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL LOCATIONS THAT MAY REQUIRE BORING, OR CUTTING AND PATCHING OF EXISTING HARDSCAPED SURFACES PRIOR TO BIDDING. GENERALLY, ALL HARDSCAPED SURFACE CROSSINGS ARE TO BE BY HORIZONTAL DIRECTIONAL BORING. THE CONTRACTOR MUST RECEIVE WRITTEN PERMISSION FROM THE DISTRICT PROJECT MANAGER TO SAW CUT AND PATCH ANY EXISTING HARDSCAPED SURFACES.

2. EXISTING REMOTE CONTROL VALVES AND IRRIGATION IMPROVEMENTS SHOWN ON THE PLAN ARE DIAGRAMMATIC. CONTRACTOR IS RESPONSIBLE TO FIELD LOCATE ALL IMPROVEMENTS AND PERFORM THE WORK OUTLINED AS SHOWN ON THE PLANS. CONTRACTOR IS TO TRACE EXISTING WIRING, POT HOLE AND USE ALL REASONABLE MEANS TO FIELD LOCATE EXISTING IMPROVEMENTS.

SYMBOL	DESCRIPTION
○	Rainbird #1804-SAM-PRS, 4" Pop-up Sprinkler with pressure regulation and check valve with Hunter PC Multi Stream Bubbler Nozzle #MSBN-50Q (½" inlet: 0.5 gpm @ 30 psi). Install on uphill side of plant or tree. Install 20" from the center of the tree. See Installation Detail #01 on Plan Sheet L300 for additional information.
⊕	Rainbird #RWS-B-C-1402 with #1402 (0.5 gpm) bubbler Root Watering System. Install 20 inches from center of tree. Install on uphill side of plant or tree. See Installation Detail #03 on Plan Sheet L300 for additional information.
●	Rainbird #1804-SAM-PRS, 4" Pop-up Sprinkler with pressure regulation and check valve with Hunter PC Multi Stream Bubbler Nozzle #MSBN-25Q (½" inlet: 0.25 gpm @ 30 psi). Install on uphill side of plant or tree. Install 6 - 12 inches from center of shrub location. See Installation Detail #01 on Plan Sheet L300 for additional information.
	Rainbird #1806-SAM-PRS, 6" Pop-up Sprinkler with pressure regulation and check valve with Rainbird U-Series 12' radius nozzles, U-12Q, U-12H and U-12F for 90, 180 & 360 arcs and Rainbird HE-VAN Series 12' radius nozzles, HE-VAN-12 for 120 arcs. Contractor is to use as few HE-VAN nozzles as possible. Contractor is to adjust arc and radius to prevent overspray onto buildings and other hardscaped surfaces. If nozzle radius adjustment required is greater than 25% of nozzle rating, the Contractor is to substitute nozzle with 8', 10' or specialty pattern nozzle as required at no additional cost to Owner. Contractor is to review nozzle substitutions with Landscape Architect for comment, prior to installation. See Installation Detail #02 on Plan Sheet L300 for additional information.
	Rainbird #1806-SAM-PRS, 6" Pop-up Sprinkler with pressure regulation and check valve with Rainbird U-Series 15' radius nozzles, U-15Q, U-15H and U-15F for 90, 180 & 360 arcs and Rainbird HE-VAN Series 15' radius nozzles, HE-VAN-15 for 120 arcs. Contractor is to use as few HE-VAN nozzles as possible. Contractor is to adjust arc and radius to prevent overspray onto buildings and other hardscaped surfaces. If nozzle radius adjustment required is greater than 25% of nozzle rating, the Contractor is to substitute nozzle with 12', 10' or specialty pattern nozzle as required at no additional cost to Owner. Contractor is to review nozzle substitutions with Landscape Architect for comment, prior to installation. See Installation Detail #02 on Plan Sheet L300 for additional information.
◇◆	Hunter # I-20-06-4.0, 6" pop up I-20 Ultra Series Rotor Sprinkler with part/full circle arc and check valve with #4.0 nozzle. (3/4" inlet: 4.0 gpm @ 45 psi). See Installation Detail #11 on Plan Sheet L300 for additional information.
△▲	Hunter # I-20-06-8.0, 6" pop up I-20 Ultra Series Rotor Sprinkler with part/full circle arc and check valve with #4.0 nozzle. (3/4" inlet: 8.0 gpm @ 45 psi). See Installation Detail #11 on Plan Sheet L300 for additional information.
	1" Irritrol #700-1, 700 Series Electric Remote Control Valve. Contractor is to install a maximum of one valve per valve box. Inlet pipe is to be the same size as the outlet pipe noted on the plan. Contractor is to install line size filter on all low flow pop up bubbler valves in separate valve box adjacent to each other. Filters are to be installed on discharge side of valve. See Installation Detail #04 on Plan Sheet L300 for additional information.
	1 1/2" Irritrol #700-1.5, 700 Series Electric Remote Control Valve. Contractor is to install a maximum of one valve per valve box. Inlet pipe is to be the same size as the outlet pipe noted on the plan. Contractor is to install line size filter on all low flow pop up bubbler valves in separate valve box adjacent to each other. Filters are to be installed on discharge side of valve. See Installation Detail #05 on Plan Sheet L300 for additional information.
	2" Irritrol #700-2, 700 Series Electric Remote Control Valve. Contractor is to install a maximum of one valve per valve box. Inlet pipe is to be the same size as the outlet pipe noted on the plan. Contractor is to install line size filter on all low flow pop up bubbler valves in separate valve box adjacent to each other. Filters are to be installed on discharge side of valve. See Installation Detail #06 on Plan Sheet L300 for additional information.
	1" Crispin #IC-10, Air and Vacuum Release Valve to be installed at high points and dead end runs of the mainline piping system. In landscape areas install valve in standard plastic rectangular valve box. Contractor to field locate. See Installation Detail #08 on Plan Sheet L300 for additional information.
	1" thru 3": NIBCO # T-113 IRR Isolation Gate Valve. Gate Valves are to be line size and installed in a 10" round plastic valve box in landscape areas. Provide two (2) square operating nut handles (4' min. length) for each type required to the District. See Installation Detail #10 on Plan Sheet L300 for additional information.
◆	Rainbird 44LRC, quick coupling valve. Provide Maintenance Personnel with three (3) quick coupler keys with hose swivels. Install in separate 10" round plastic valve box in landscape areas. See Installation Detail #09 on Plan Sheet L300 for additional information.
	1" thru 2 1/2": PVC Class 200 Solvent Weld lateral pipe. Sleeve all pipe under paved surfaces over eight feet wide with PVC Class 200 pipe a minimum of two times larger than the pipe being sleeved. One pipe per sleeve only. Minimum sleeve size is 2". Wires are to be sleeved separately from pipe. Size lateral piping as noted on the lateral pipe sizing chart, Detail #12 on Plan Sheet L300 for additional information. Pipe sizing is not to exceed 4.0 feet per second flow velocity. Install all pipe in strict accordance with manufacturers instructions, using appropriate cement and primer for the various pipe sizes and prevailing site conditions. (Note: 1/2", 3/4" & 1 1/4" pipes are not allowed to be used on the project.) See Installation Details #16 & #19 on Plan Sheet L301 for additional information.
	2" THRU 3": PVC SCHEDULE 40 SOLVENT WELD MAINLINE PIPE. All mainline fittings that are three inch (3"), or smaller are to be Lasco Schedule 80 Solvent Weld fittings, or approved equal. See manufacturers installation instructions. Size mainline piping as noted on the plan. Install all pipe in strict accordance with manufacturers instructions with concrete thrust blocks at all changes in direction. No bending, or curving of pipe will be allowed, except as permitted by the pipe manufacturer. Pipe manufacturer must be approved prior to ordering materials. Use mechanical joint restraints where concrete thrust blocks are not applicable, such as vertical changes in direction, or when two pipelines are side by side. Sleeve all pipe under paved surfaces per Sleeving Detail. See Installation Details #16, #17 & #19 on Plan Sheet L301 for additional information.
	Low voltage control wire routing path: Contractor is to install new low voltage control wires to existing remote control valves to remain & protect and to new remote control valves installed as part of the project. Project area remote control valves are to have new low voltage control wiring installed from the designated replacement Irrigation Controller 'A'. Contractor to field verify.

SYMBOL	DESCRIPTION
A	Rainbird 48 station ESP-LXME2 wall mount Replacement Controller: Rainbird #ESP12LXME2, 12 Station Base Controller with three (3) Rainbird #ESPLXMSM12 - 12 Station Expansion Modules with Rainbird #LXMM - Powder Coated Metal Cabinet, contact Nate Acosta at Rainbird (530) 383-4992. Controller is to be installed to replace existing irrigation controller in designated location and is to install all new low voltage control wiring from the new controller to the new remote control valves and to the vault installed where the existing irrigation controller was located. Existing low voltage control wiring from the existing controller vault are to be installed in the new replacement controller stations 1 thru 17 with new remote control valves on controller stations 18 thru 47 with one extra station (48). Contractor is to relocate the Pump Start Relay to the new irrigation controller enclosure as require. Contractor is to provide and install a wireless rain & freeze sensor Rainbird #WR2RFC mounted on an exterior building eave or light pole a minimum of twelve feet (12'-0") above grade near the controller at District approved location per manufacturers recommendations. Contractor is to install electrical power for the new replacement controller with all electrical improvements constructed to code. Contractor is responsible for all data collection, data input and programming for a complete installation in compliance with the manufacturers recommendations. Install new Irrigation Controller in Strong Box pedestal enclosure as required with concrete base. Controller is to be installed in Strong Box Model SB-24SS with PED-24SS. Install Strong Box #CSA controller subassembly (48 stations) for the controller. Install in designated mechanical yard. Contractor to field verify. See Installation Details #15 & #18 on Plan Sheet L301 for additional information.
5	Five (5) existing extra 'hot' low voltage control wires and one (1) extra 'common' low voltage control wire from designated location to new Irrigation Controller 'A' for future use. Install extra wires for future use in a standard rectangular valve box with waterproof wire splice kits on the ends of each wire. Contractor to field verify.
NOT SHOWN	Maintainance Radio Kit: Rainmaster #PROMAX-UA, Univeral hand held radio for remote activation of the irrigation system for maintenance purposes. Contractor to provide District with one (1) complete kits complete with transmitter, receiver, smartport wiring harness, batteries and plastic carrying case. Contractor is to complete all programming required for a complete set up.
NOT SHOWN	Controller Programming: Contractor is responsible for all data collection, data input and programming for a complete installation in compliance with the manufacturers recommendations for the irrigation system for new replacement irrigation Controller 'A'. Contractor is to assist and train up to four (4) designated District Maintenance staff in the programming and operation of the irrigation controller with remote access from the PROMAX UA.
A-18 / 2.3	Controller # / Station # Gallons per minute
	Existing Lateral Pipe to remain and protect, except where located in Irrigation Demolition Areas. Routing shown is diagrammatic. Contractor is to pot hole and field locate all relevant existing irrigation improvements that affect construction activities. Designated existing lateral pipes are to remain & protect. Contractor is to field verify existing conditions prior to bid to determine the final extent of work. See Landscape Irrigation Plan for additional information where new irrigation lateral pipes will connect with existing irrigation lateral pipes and existing remote control valves. Existing lateral pipes located in Irrigation Demolition Areas are to be removed where it interferes with construction activities or are located below the proposed building, otherwise it may be abandoned below grade. If existing lateral pipe is brought to the surface in demolition areas it is to be removed to a minimum depth of twelve inches below grade and capped. See Keynotes and Landscape Irrigation Plan, L201 for additional information. Contractor to field verify.
	Existing Irrigation Mainline (Remain and Protect): Routing shown is diagrammatic. Contractor is to pot hole and field locate all relevant existing irrigation improvements that affect construction activities. Sections of the existing mainline pipe are to remain and protect and other sections are being taken out of service. Mainline piping being taken out of service is to be removed where it interfere's with construction activities or is located below the proposed building, otherwise mainline piping may be abandoned below grade. Cap ends to abandon below grade where it is cut or damaged. Contractor is to field verify existing conditions prior to bid to determine the final extent of work. See Landscape Irrigation Plan for additional information where new irrigation mainline will replace existing irrigation mainline pipe. See Keynotes and Landscape Irrigation Plan, L201 for additional information. Contractor is to field verify.
BFP 01	Existing Backflow Preventer #01: 3" Irrigation Backflow Preventer to Remain & Protect. Contractor to field verify.
	Dashed symbols represent existing irrigation improvements to remain & protect unless otherwise noted. Existing locations are diagrammatic. Contractor is to field locate all existing improvements that may effect the work.
	Existing Sprinklers to be removed and replaced with new 6" pop up sprinklers and swing joints. Existing lateral pipe is to remain and protect and be reused in this area only. All replacement sprinklers, nozzles and swing joints are to comply with the products specified on this irrigation legend. Contractor is to repair existing lateral pipe as required in this area. Contractor is to replace or add sprinklers to provide full coverage to the area. Contractor to field verify. See Installation Details #02 on Plan Sheet L300 for additional information.
	Existing Irrigation Areas to be Modified. The existing sprinklers are to be replaced with swing joint with new nozzles as called for on the Landscape Irrigation Legend on Plan Sheet L202. Contractor is to repair, add, relocate and replace sprinklers as required and repair / modify existing lateral piping as required to achieve full coverage. See Landscape Irrigation Plan, L201 for additional information. Contractor to field verify.
	Existing Irrigation Improvements to Remain and Protect. All areas adjacent to the project area have existing Irrigation Improvements to Remain & Protect. Contractor is to repair all damage to existing improvements that are intended to remain & protect to match existing improvements. Damage may be a direct or indirect result of their work or may be caused by neglect. Contractor to field verify.
	Dashed symbols represent existing irrigation improvements to Remain & Protect unless otherwise noted or located in areas to receive new improvements or areas to have new irrigation installed. Existing locations are diagrammatic. Contractor is to field locate all existing improvements that may effect the work. Contractor to field verify.

SEE LANDSCAPE & IRRIGATION NOTES ON PLAN SHEET L400

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used for any work, by any person, on any other project without prior written authorization.

MARK	DATE	DESCRIPTION
A	01/07/26	100% CD - BID SET

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO |

David Bigler Associates
Landscape Architect #3887
1589 W Shaw Avenue, #5
Fresno, California 93711
E Mail: davebigler @aol.com
Tel: (559) 276-9495
Fax: (559) 276-9497

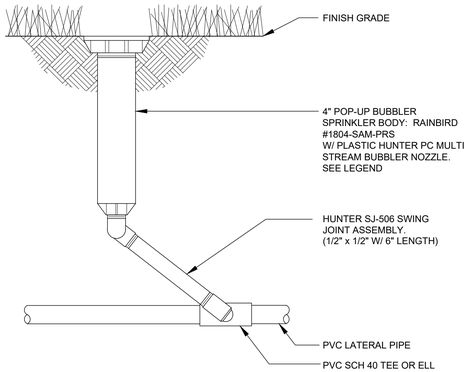
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
LANDSCAPE IRRIGATION LEGEND

PROJECT NO.
12500

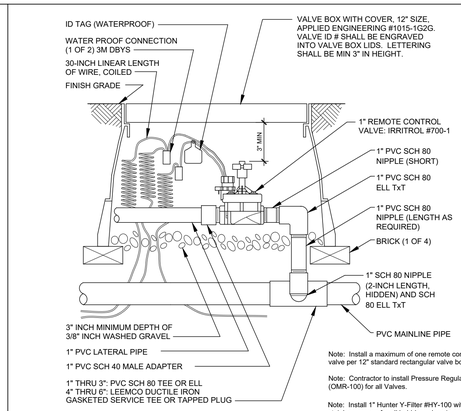
DRAWING
L202

PLOT DATE:



NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

01 4" POP-UP LOW FLOW BUBBLER NTS



Note: Install a maximum of one remote control valve per 12" standard rectangular valve box.

Note: Contractor to install Pressure Regulating Module (OMR-100) for all Valves.

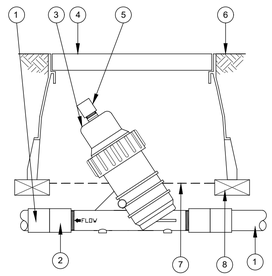
Note: Install 1" Hunter Y-Filter #HY-100 with 150 mesh stainless screen for all bubbler valves in separate adjacent valve box. See Detail #07.

NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

04 1" REMOTE CONTROL VALVE NTS

FILTER SIZE CHART

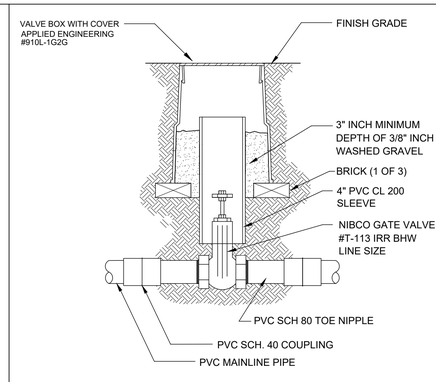
VALVE SIZE	FILTER SIZE	FILTER MODEL
1"	1"	HY-100
1 1/2"	1 1/2"	HY-151
2"	2"	HY-201



1. PVC LATERAL PIPE
2. PVC SCH 40 FEMALE ADAPTER (1 OF 2), LINE SIZE
3. HUNTER Y-FILTER WITH 150 MESH FILTER ELEMENT, SAME SIZE AS VALVE.
4. VALVE BOX W/ COVER: 12" SIZE
5. 3/4" PVC CAP
6. FINISH GRADE
7. COMPACTED SUB-GRADE
8. BRICK (1 OF 4)

NOTE: INSTALL LINE SIZE FILTER (SEE FILTER SIZE CHART) ON LOW FLOW POP UP BUBBLER AND POP UP SPRAY SPRINKLER VALVES IN SEPARATE VALVE BOXES - ADJACENT TO REMOTE CONTROL VALVE. FILTERS ARE TO BE INSTALLED ON DISCHARGE SIDE OF VALVE.

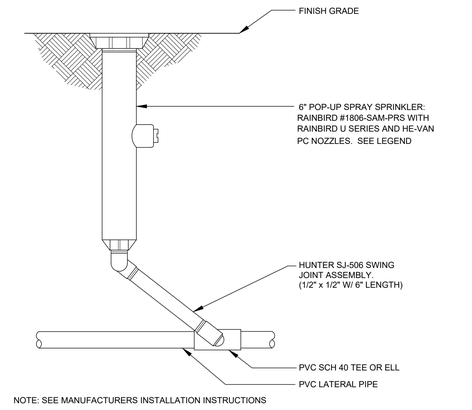
07 1" / 1 1/2" / 2" 'Y' FILTER DETAIL NTS



(3" GATE VALVES AND SMALLER)

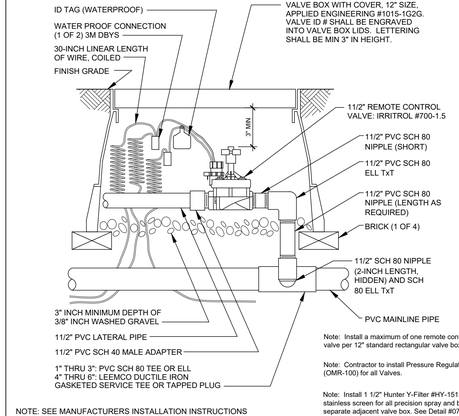
NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

10 MAINLINE GATE VALVE NTS



NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

02 6" POP-UP SPRAY SPRINKLER NTS



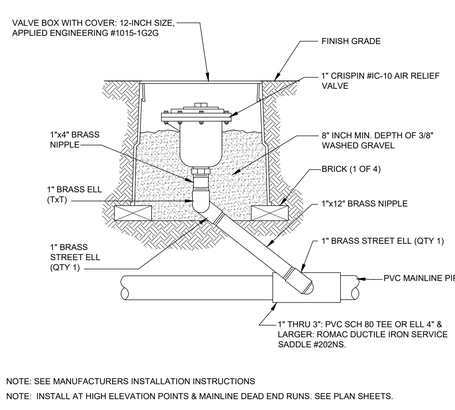
Note: Install a maximum of one remote control valve per 12" standard rectangular valve box.

Note: Contractor to install Pressure Regulating Module (OMR-100) for all Valves.

Note: Install 1 1/2" Hunter Y-Filter #HY-151 with 150 mesh stainless screen for all precision spray and bubbler valves in separate adjacent valve box. See Detail #07.

NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

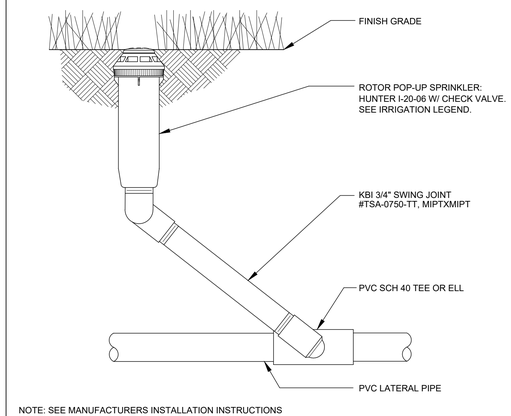
05 1 1/2" REMOTE CONTROL VALVE NTS



NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

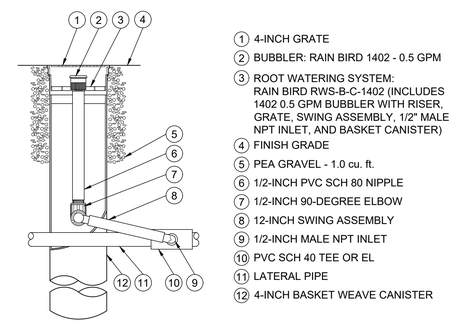
NOTE: INSTALL AT HIGH ELEVATION POINTS & MAINLINE DEAD END RUNS. SEE PLAN SHEETS.

08 AIR RELIEF VALVE NTS



NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

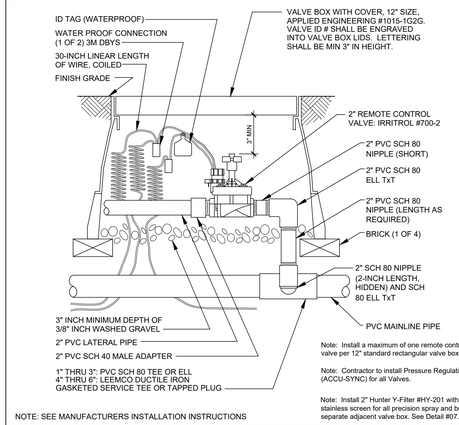
11 ROTOR POP-UP SPRINKLER NTS



1. 4-INCH GRATE
2. BUBBLER: RAIN BIRD 1402 - 0.5 GPM
3. ROOT WATERING SYSTEM: RAIN BIRD RWS-B-C-1402 (INCLUDES 1402 0.5 GPM BUBBLER WITH RISER, GRATE, SWING ASSEMBLY, 1/2" MALE NPT INLET, AND BASKET CANISTER)
4. FINISH GRADE
5. PEA GRAVEL - 1.0 cu. ft.
6. 1/2-INCH PVC SCH 80 NIPPLE
7. 1/2-INCH 90-DEGREE ELBOW
8. 12-INCH SWING ASSEMBLY
9. 1/2-INCH MALE NPT INLET
10. PVC SCH 40 TEE OR EL
11. LATERAL PIPE
12. 4-INCH BASKET WEAVE CANISTER

NOTE: INSTALL ROOT WATERING SYSTEM WITH BUBBLER INSIDE THE TREE WATERING BASIN, 24" FROM CENTER OF TREE AND INSIDE THE TREE ROOT BARRIER ON THE UPHILL SIDE OF TREE, IF FINISH GRADE IS SLOPED INSTALL RWS-90CK IN SANDY SOILS.

03 ROOT WATERING TREE BUBBLER NTS



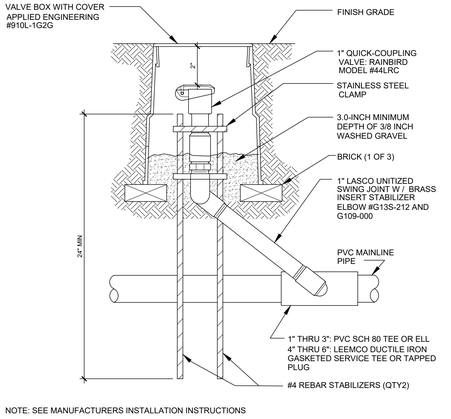
Note: Install a maximum of one remote control valve per 12" standard rectangular valve box.

Note: Contractor to install Pressure Regulating Module (ACCU-SYNC) for all Valves.

Note: Install 2" Hunter Y-Filter #HY-201 with 150 mesh stainless screen for all precision spray and bubbler valves in separate adjacent valve box. See Detail #07.

NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

06 2" REMOTE CONTROL VALVE NTS



NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

09 QUICK-COUPLING VALVE NTS

SPRINKLER FLOW RATE CHART	
SYMBOL	RESPECTIVE FLOW RATE (GPM)
●○⊕	0.25 GPM, 0.5 GPM, 0.5 GPM,
◔◔◔◔	0.65 GPM, 0.79 GPM, 1.3 GPM, 2.6 GPM
◕◕◕●	0.92 GPM, 1.24 GPM, 1.85 GPM, 3.7 GPM
◇◆	4.0 GPM, 4.0 GPM
△▲	8.0 GPM, 8.0 GPM

LATERAL PIPE SIZING CHART	
PIPE SIZE	ALLOWABLE FLOW (GPM)
3/4"	NOT USED
1"	0 - 16.0
1 1/2"	16.1 - 36.0
2"	36.1 - 55.0
2 1/2"	55.1 - 89.0

NOTE: CONTRACTOR TO USE SPECIFIED NOZZLE RATING (GPM) FOR LATERAL PIPE SIZE CALCULATIONS AS SHOWN IN THE SPRINKLER FLOW RATE CHART. FLOW RATINGS (GPM) ARE TO BE USED AT THE 50 PSI PRESSURE. FLOW VELOCITIES OF FIVE FEET PER SECOND SHALL NOT BE EXCEEDED. PIPE SIZES NOTED ON THE PLAN SHALL SUPERCEDE CALCULATED PIPE SIZES BY THE CONTRACTOR. LANDSCAPE ARCHITECT TO REVIEW ALL PIPE SIZING IN THE FIELD PRIOR TO BACKFILL OF ANY TRENCHES. CONTRACTOR TO SUBMIT A SHOP DRAWING FOR REVIEW AND APPROVAL PRIOR TO TRENCHING.

12 LATERAL PIPE SIZING CHART NTS

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in any form or manner whatsoever without the written authorization.

MARK	DATE	DESCRIPTION
A	01/07/26	100% CD - BID SET

LICENSED LANDSCAPE ARCHITECT — DAVID BIGLER — LIC. # 3887 — 31 JULY 26 — RENEWAL — STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

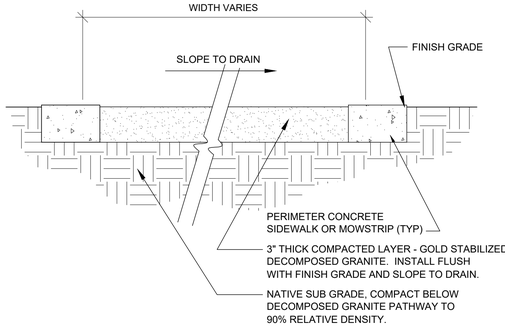
DRAWING TITLE
LANDSCAPE AND IRRIGATION DETAILS

PROJECT NO.
12500

DRAWING
L300

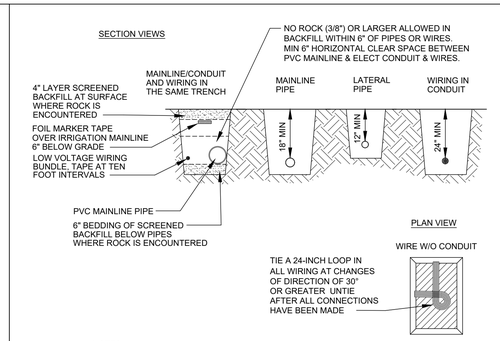
David Bigler Associates
Landscape Architect #3887
1589 W Shaw Avenue, #5
Fresno, California 93711
E Mail: davebigler @aol.com
Tel: (559) 276-9495
Fax: (559) 276-9497

PLOT DATE:



1. CONTRACTOR IS TO FINE GRADE THE ENTIRE SITE AND INSURE THE SITE IS FREE DRAINING.
2. CONTRACTOR IS TO EXCAVATE THE NATIVE SOIL TO A DEPTH OF THREE (3") INCHES WITH CLEAN EDGES. CONTRACTOR IS TO REMOVE SPOILS FROM THE SITE AT NO ADDITIONAL COST TO THE DISTRICT, OR INCORPORATE THEM INTO THE OVERALL GRADING SCHEME. CONTRACTOR IS TO COMPACT THE NATIVE SOIL BELOW THE DECOMPOSED GRANITE AREAS TO 90% RELATIVE DENSITY.
3. CONTRACTOR IS TO IMPORT CLEAN HIGH QUALITY STABILIZED DECOMPOSED GRANITE (GOLD) AND PLACE IT IN WIND ROWS WITHIN THE DESIGNATED AREAS. THE DECOMPOSED GRANITE IS TO BE CAREFULLY SPREAD (DO NOT MIX WITH ADJACENT SOILS), GRADED AND COMPACTED TO A FINAL THICKNESS OF THREE (3"). SEE LANDSCAPE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. AREA IS TO BE GRADED SO IT DOES NOT IMPEDE SITE DRAINAGE (SITE IS TO BE FREE DRAINING) AND NO WATER IS TO COLLECT OR PUDDLE ON ANY AREA OF THE DECOMPOSED GRANITE.

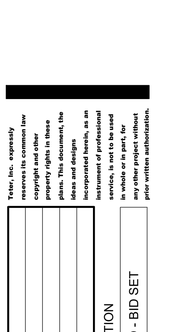
13 STABILIZED DECOMPOSED GRANITE — NTS



NOTES:
1. SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH SCHEDULE 40 PVC TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN, MIN SLEEVE SIZE IS 2".
2. INSTALL ALL PIPE AND WIRE IN STRICT CONFORMANCE WITH MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS

NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

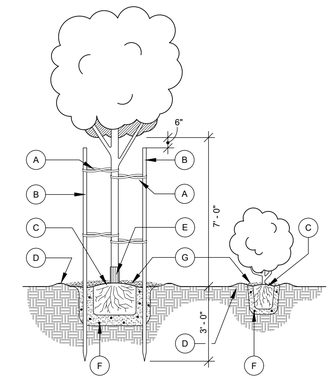
16 TRENCHING DETAIL — NTS



NOTES:
1. ALL PVC IRRIGATION SLEEVES TO BE SCHEDULE 40 PIPE.
2. ALL JOINTS TO BE SOLVENT WELDED AND WATERTIGHT.
3. IRRIGATION PIPES AND LOW VOLTAGE WIRES ARE TO BE SLEEVED SEPARATELY.
4. ALL PIPES & WIRES ARE TO BE SLEEVED UNDER PAVED/CONC. 8'-0" WIDE OR WIDER. MECHANICALLY COMPACT TO 95% PROCTOR.

NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

19 SLEEVING DETAIL — NTS



KEY NOTES

- (A) TREE TIES TO BE APPROVED RUBBER OR PLASTIC STRAPS NAILED TO STAKES
- (B) TREATED 2"x10' LODGE POLE STAKE TO BE SET VERTICAL
- (C) TOP OF ROOT BALL IS TO BE SET SLIGHTLY ABOVE FINISH GRADE
- (D) CONSTRUCT WATER BASIN TO THE DIAMETER NOTED BELOW WITH 3" BERM AROUND PERIMETER. SOFTEN BERM IN TURF AREAS. REMOVE ALL TURF WITHIN BERM AREA IN TURF AREAS

BERM DIAMETER	SIZE OF PLANT
30"	15 GALLON PLANT
36"	24" BOX
16"	5 GALLON PLANT
12"	1 GALLON PLANT

- (E) EXPANDABLE STRING TRIMMER TREE BOOT. USE ON TREES INSTALLED IN TURF AREAS ONLY
- (F) AGRIFORM PLANT FERTILIZER TABLETS
- (G) MULCH AS TOP DRESSING ALL NON TURF LANDSCAPE AREAS WITH PREMIUM WALK ON BARK AS SUPPLIED BY SUPERIOR SOIL SUPPLIMENTS. INSTALL TO A COMPACTED DEPTH OF THREE INCHES (3"). DO NOT ENGULF THE STEMS OR TRUNKS OF SHRUBS AND TREES.

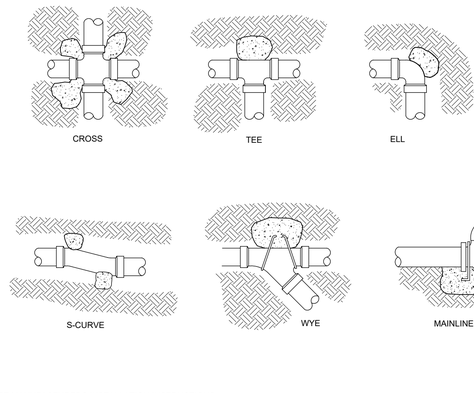
PLANTING NOTES

1. CONTRACTOR IS TO DRILL ONE 18" DIAMETER DRAINAGE HOLE PER TREE OR 15 GALLON SIZE PLANT, A MINIMUM OF TEN FEET (10'-0") DEEP OR UNTIL THE HARD PAN LAYER IS PIERCED. MIX EXCAVATED SOIL WITH GYPSUM AND HUMUS AND BACKFILL HOLE. DRAINAGE HOLE IS TO BE OFF SET FROM THE PLANTING HOLE TO PREVENT SETTLEMENT OF THE TREE OR SHRUB.
2. PLANTING HOLE TO BE TWICE THE DIAMETER OF CONTAINER WITH DEPTH EQUAL TO ROOT BALL, PLUS FOUR INCHES. BACKFILL WITH 85% CLEAN NATIVE SOIL MIXED W/ 15% NITROLIZED FOREST HUMUS. ADD PLANT FERTILIZER TABS TO BACKFILL AS FOLLOWS:

SIZE OF PLANT	# TABS
1 GALLON SIZE	2
5 GALLON SIZE	4
15 GALLON SIZE	6
24" BOX SIZE	8

3. PLACE TREE OR SHRUB IN CENTER OF PLANTING HOLE.
4. TAMP BACKFILL TO FORCE OUT ALL AIR POCKETS. FOOT TAMP BACKFILL BELOW ROOT BALL TO PREVENT SETTLEMENT.
5. WATER TREE OR SHRUB IMMEDIATELY AFTER PLANTING
6. DOUBLE STAKE, WITH ONE STAKE TO BE PLACED ON THE WINDWARD SIDE AND THE OTHER PLACED ON THE LEEWARD SIDE OF THE TYPICAL PREVAILING WIND. TOP OF STAKE IS TO BE SIX INCHES BELOW THE BRANCHING POINT OF THE CROWN.

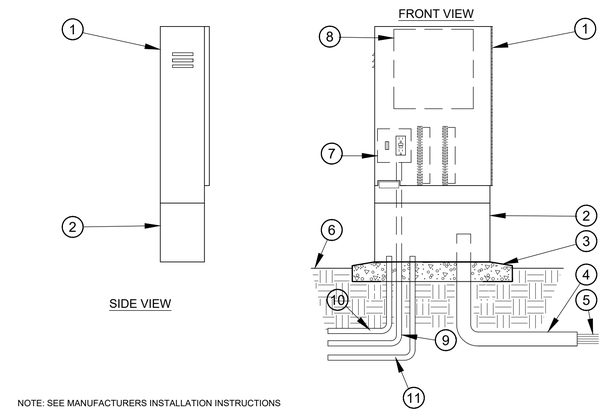
14 TREE AND SHRUB PLANTING DETAIL — NTS



NOTES:
1. SUPPLY LINES 3-INCHES IN DIAMETER AND LARGER SHALL RECEIVE CONCRETE THRUST BLOCKS.
2. SEE PIPE MANUFACTURERS SPECIFICATIONS FOR AMOUNT OF CONCRETE TO BE USED FOR THRUST BLOCK.
3. INSTALL ALL PIPE IN STRICT ACCORDANCE W/ PIPE MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS

NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

17 THRUST BLOCKS DETAIL — NTS



LEGEND

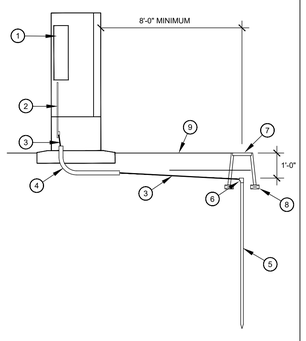
1. CONTROLLER ENCLOSURE, STRONG BOX #SB-24SS.
2. ENCLOSURE PEDESTAL, STRONG BOX #PED-24SS.
3. POURED CONCRETE BASE - 6" MIN. THICKNESS - EXTEND 6" BEYOND OUTSIDE DIMENSIONS OF ENCLOSURE WITH 1/2% SLOPE FOR DRAINAGE.
4. 4" PVC LONG SWEEP ELL - USE ONE SWEEP ELL PER CONTROLLER.
5. DIRECT BURIAL CONTROL WIRES TO CONTROL VALVES.
6. FINISH GRADE.
7. CONTROLLER SUB-ASSEMBLY (CSA) INCLUDES GFI & TERMINAL STRIPS WITH PLACARDS FOR 48 STATIONS.
8. AUTOMATIC CONTROLLER.
9. 120-VOLT SERVICE IN 1" CONDUIT.
10. 1" ELECTRICAL CONDUIT AND SWEEP ELL FOR CONTROLLER GROUNDING. SEE DETAIL #18.
11. 1" ELECTRICAL CONDUIT AND SWEEP ELL FOR FUTURE USE.

NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

15 IRRIGATION CONTROLLER, PEDESTAL MOUNT — NTS

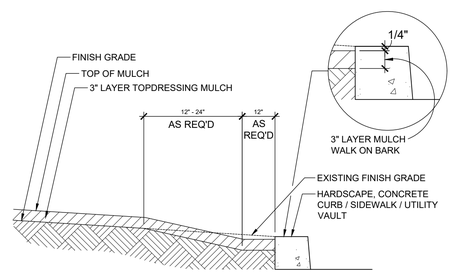
LEGEND

1. SATELLITE CONTROLLER ASSEMBLY
2. SATELLITE CONTROLLER BACK BOARD OR CONTROLLER SUB ASSEMBLY
3. SOLID BARE COPPER GROUNDING WIRE (#6 AWG) FROM SATELLITE CONTROLLER TO GROUNDING ROD. MAKE WIRE RUNS AS STRAIGHT AS POSSIBLE, ONE (1) PER CONTROLLER.
4. 1" ELECTRICAL CONDUIT LONG SWEEP ELL
5. 5/8" X 8' LONG COPPER CLAD GROUNDING ROD, ONE (1) PER CONTROLLER. LOCATE GROUNDING RODS A MINIMUM OF EIGHT FEET (8'-0") APART.
6. CADWELD PLUS "ONE SHOT" - CADWELD CONNECTION #GT1161GPLUS, PERMANENT WELD OF BARE COPPER WIRES TO GROUNDING ROD.
7. 10" ROUND VALVE BOX WITH LID.
8. BRICKS, THREE (3) REQUIRED PER VALVE BOX.
9. FINISH GRADE



NOTE: SEE MANUFACTURERS INSTALLATION INSTRUCTIONS

18 GROUNDING FOR CONTROLLERS — NTS



NOTES:
1. CONTRACTOR IS TO MODIFY EXISTING FINISH GRADE SOIL AS REQUIRED TO INSTALL / CONSTRUCT PERIMETER "LOCK TRENCH" FOR TOPDRESSING MULCH.

2. CONTRACTOR IS TO REMOVE SOIL EXCAVATED FROM "LOCK TRENCH" AREAS OFF SITE AS PART OF THE BID, OR USE IT IN OVERALL GRADING SCHEME OR HAUL IT OFF SITE AT NO ADDITIONAL COST TO THE DISTRICT.

20 PERIMETER LOCK TRENCH — NTS

LANDSCAPE AND IRRIGATION DETAILS

NTS | 7

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
A	01/07/26	100% CD - BID SET

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
LANDSCAPE AND IRRIGATION DETAILS

PROJECT NO.
12500

DRAWING
L301

David Bigler Associates
Landscape Architect #3887
1589 W Shaw Avenue, #5
Fresno, California 93711
E Mail: davebigler @aol.com
Tel: (559) 276-9495
Fax: (559) 276-9497

PLOT DATE:

LANDSCAPE & IRRIGATION NOTES

1. PRODUCT "OR APPROVED EQUAL" SPECIFICATION NOTE: ALL SPECIFIED MATERIALS, PRODUCTS AND MANUFACTURERS ARE RELEVANT TO DESCRIBE THE REQUIRED QUALITY AND FEATURES OF A PARTICULAR COMPONENT OF THE PROJECT, HOWEVER, THE SPECIFIC PRODUCT OR MANUFACTURER NOTED IS TO BE CONSTRUED TO BE FOLLOWED BY THE WORDS, "OR APPROVED EQUAL".

2. GENERAL NOTE: THE CONTRACTOR IS TO SUPPLY ALL EQUIPMENT, MATERIALS AND LABOR TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM. ADDITIONAL EQUIPMENT AND MATERIALS IN ADDITION TO THE SYSTEM COMPONENTS LISTED IN THE LEGEND MAY BE REQUIRED TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.

3. IRRIGATION CONTROLLER 120 VOLT ELECTRICAL WIRING NOTE: THE CONTRACTOR IS RESPONSIBLE FOR ALL ELECTRICAL IMPROVEMENTS REQUIRED TO SUPPLY 120 VOLT POWER TO THE IRRIGATION CONTROLLER LOCATIONS. THE CONTRACTOR IS TO FIELD VERIFY THE PREVAILING CONDITIONS AND PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR A COMPLETE INSTALLATION CONSTRUCTED TO CODE FOR WET CONDITIONS.

4. SPRINKLER ADJUSTMENT NOTE: CONTRACTOR SHALL MAKE ANY ADJUSTMENTS OR CHANGES TO SPRINKLERS, NOZZLES, RADIUS AND ARCS AS REQUIRED TO PROVIDE 100% COVERAGE TO ALL LANDSCAPE AREAS AND PREVENT OVER SPRAY ONTO BUILDINGS OR HARDSCAPED SURFACES.

5. EXISTING IRRIGATION SYSTEM AND WATERING NOTE: THE CONTRACTOR IS RESPONSIBLE TO KEEP THE EXISTING IRRIGATION SYSTEM TO REMAIN OPERATIONAL TO IRRIGATE ALL LANDSCAPED AREAS. WHERE AUTOMATIC OPERATION OF EXISTING IRRIGATION SYSTEMS IS INTERRUPTED DUE TO CONSTRUCTION ACTIVITIES, THE CONTRACTOR IS RESPONSIBLE TO SUPPLY TEMPORARY IRRIGATION TO NEW AND/OR EXISTING AREAS THAT ARE AFFECTED BY THE SERVICE INTERRUPTION AS REQUIRED DUE TO PREVAILING WEATHER CONDITIONS. THE CONTRACTOR SHALL MAKE REPAIRS TO THE EXISTING SYSTEM AS NEEDED. THE CONTRACTOR IS TO ASSIST CAMPUS MAINTENANCE PERSONNEL AS NEEDED TO KEEP THE EXISTING LANDSCAPED AREAS IRRIGATED. AREAS AFFECTED BY NEW CONSTRUCTION ARE TO BE IRRIGATED BY THE CONTRACTOR. CONTRACTOR IS TO REPLACE ANY DEAD OR STRESSED PLANT MATERIALS (TO MATCH EXISTING) THAT WERE TO REMAIN THAT WERE DAMAGED DUE TO CONSTRUCTION ACTIVITIES.

6. EXISTING IRRIGATION SYSTEM TO BE REPLACED BY NEW IRRIGATION SYSTEM NOTE: THE CONTRACTOR IS TO REMOVE EXISTING SPRINKLERS, VALVES AND OTHER IRRIGATION IMPROVEMENTS VISIBLE AT THE SURFACE IN AREAS TO RECEIVE NEW IRRIGATION AND DELIVER SALVAGED PARTS, INCLUDING, BUT NOT LIMITED TO SPRINKLERS, VALVES, VALVE BOXES ETC., TO THE CAMPUS MAINTENANCE DEPARTMENT. PIPING IS TO BE REMOVED WHERE IT INTERFERES WITH CONSTRUCTION ACTIVITIES, OTHERWISE PIPING MAY BE ABANDONED BELOW GRADE. WHERE PIPING IS BROUGHT TO THE SURFACE, THE CONTRACTOR SHALL CUT IT OFF A MINIMUM OF 12" BELOW GRADE. DEPRESSIONS AND HOLES THAT ARE CREATED FROM REMOVING EXISTING IRRIGATION IMPROVEMENTS BEING REPLACED ARE TO BE FILLED WITH CLEAN TOPSOIL LEVEL WITH SURROUNDING GRADE AND COMPACTED. IRRIGATION SYSTEM AND BUILDING WATER ARE TO REMAIN INTACT AND OPERATIONAL.

7. CAMPUS IRRIGATION WATER AVAILABILITY NOTE: THE CONTRACTOR IS TO INSTALL ALL REROUTED MAINLINE PIPES WHILE LEAVING THE EXISTING IRRIGATION SYSTEM IN SERVICE DURING THE PROJECT. WHEN ALL PIPING AND WIRE REROUTING WORK IS COMPLETE THE CONTRACTOR MAY ARRANGE TO SHUT OFF THE WATER TO MAKE FINAL CONNECTIONS FOR A PERIOD OF TIME NOT TO EXCEED TWO DAYS. THE CAMPUS MAINTENANCE SUPERVISOR IS TO BE GIVEN A MINIMUM OF ONE WEEK WRITTEN NOTICE TO OVERWATER THE CAMPUS AREAS IN QUESTION PRIOR TO SHUTTING OFF THE WATER TO MAKE FINAL CONNECTIONS. IF PREVAILING WEATHER CONDITIONS ARE OVER 95 DEGREES DAYTIME HIGH TEMPERATURES, THEN THE SHUT DOWN DURATION MAY BE LIMITED TO NO MORE THAN ONE DAY AS DECIDED BY CAMPUS MAINTENANCE SUPERVISOR.

8. EXISTING TURF, PLANT & TREE TO REMAIN & PROTECT NOTE: EXISTING TURF, PLANT MATERIAL OR TREES THAT ARE DAMAGED DUE TO CONSTRUCTION ACTIVITIES, VEHICLE DAMAGE, AND STRESS DUE TO LACK OF WATER OR OTHER DETERIORATION OF THE EXISTING AREAS TO REMAIN ARE TO BE RESTORED BY THE CONTRACTOR TO THE EXISTING CONDITION PRIOR TO THE PROJECT AT NO ADDITIONAL COST TO THE DISTRICT. THIS INCLUDES DAMAGE THAT MAY OCCUR AT ANY AREA OF THE CAMPUS.

9. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY VEGETATION WITHIN THE PROJECT AREA THAT IS NOT CALLED TO REMAIN AND PROTECT. ANY ADJACENT LANDSCAPE AREAS OUTSIDE THE PROJECT AREA THAT ARE TO REMAIN AND PROTECT THAT ARE DAMAGED ARE TO BE REPAIRED AND RESTORED AT NO ADDITIONAL COST TO THE DISTRICT. CONTRACTOR IS TO VISIT THE SITE PRIOR TO BID TO VERIFY EXISTING CONDITIONS AND IMPROVEMENTS.

10. EXISTING IRRIGATION REMOTE CONTROL VALVES TO BE REMOVED NOTE: PRIOR TO ANY DEMOLITION WORK, CONTRACTOR IS TO FIELD VERIFY THAT ANY IRRIGATION SYSTEMS CONNECTED TO REMOTE CONTROL VALVES NOTED TO BE REMOVED HAVE NEW IRRIGATION PLANNED FOR THOSE AREAS. IF ANY IRRIGATION SYSTEM, OR PART THERE OF, IS LOCATED IN AN EXISTING AREA TO REMAIN & PROTECT, THE CONTRACTOR IS TO LEAVE THAT VALVE, OR A PORTION OF IT, IN SERVICE AS REQUIRED. NOTIFY THE LANDSCAPE ARCHITECT FOR DIRECTION. CONTRACTOR TO FIELD VERIFY.

11. ALL AREAS ADJACENT TO THE PROJECT AREA HAVE EXISTING IRRIGATION IMPROVEMENTS TO REMAIN & PROTECT. CONTRACTOR IS TO REPAIR ALL DAMAGE TO EXISTING IMPROVEMENTS THAT ARE INTENDED TO REMAIN & PROTECT TO MATCH EXISTING IMPROVEMENTS. DAMAGE MAY BE A DIRECT, INDIRECT RESULT OF THEIR WORK OR MAY BE CAUSED BY NEGLECT. CONTRACTOR TO FIELD VERIFY.

12. MANUAL IRRIGATION NOTE: THE CONTRACTOR IS RESPONSIBLE TO MANUALLY IRRIGATE ANY EXISTING IRRIGATION SYSTEM AREAS ON THE SITE WHERE THE EXISTING AUTOMATIC OPERATION OF THE EXISTING SYSTEMS TO REMAIN AND PROTECT ARE INTERUPTTED DUE TO CONSTRUCTION ACTIVITIES. DEPENDING UPON PREVAILING WEATHER CONDITIONS, DAILY WATERING MAY BE REQUIRED AS REQUESTED BY THE CAMPUS MAINTENANCE SUPERVISOR. THIS MAY INCLUDE AN AREA NEAR 10 ACRES IN SIZE WITH DOZENS OF REMOTE CONTROL VALVES. THE CONTRACTOR IS TO CAREFULLY FIELD VERIFY AND COORDINATE WORK TO AVOID DAMAGING THE EXISTING PIPING OR WIRING THAT MAY REQUIRE MANUAL IRRIGATION OF THE SITE BY THE CONTRACTOR FOR EXTENDED PERIODS OF TIME.

Water Usage Chart - MAWA vs. ETWU	
MAWA= (Et_o) x (0.62) x [(0.45 x LA) + (1.0 - 0.45) x SLA)] = (53.3) x (0.62) x [(0.45 x 26,358) + (1.0 - 0.45) x 23,581)] = 820,554 gallons per year	
ETWU (**Hydrozone #1 - Low - Bubblers**) ETWU= (Et_o) x (0.62) x [((PF) x (HA)) / (IE)] = (53.3) x (0.62) x [((0.15) x (933)) / (0.81)] = 5,710 gallons per year	ETWU (**Hydrozone #2 - Moderate - Bubblers**) ETWU= (Et_o) x (0.62) x [((PF) x (HA)) / (IE)] = (53.3) x (0.62) x [((0.45) x (1,844)) / (0.81)] = 33,854 gallons per year
Hydrozone #3 - SLA MAWA= (Et_o) x (0.62) x (SLA) = (53.3) x (0.62) x (23,581) = 779,258 gallons per year	
TOTAL ETWU (Sum of Hydrozones 1, 2 & 3) = 818,822 gallons per year	
MAWA > ETWU 820,554 gallons > 818,822 gallons ✓	

Hydrozone (HZ)	Plant Water Use Req.	Plant Factor (PF)	Hydrozone Area (sq ft) (HA)	Zone or Valve Numbers	Irrigation Method	Percent of Landscape Area	Irrigation Efficiency (IE)
1	Low	0.2	933	SEE PLAN	Bubblers	4%	0.81
2	Mod	0.5	1,844	SEE PLAN	Bubblers	7%	0.81
2	SLA	N/A	23,581	SEE PLAN	Mixed	89%	N/A
		Sum	26,358				

David Bigler Associates
Landscape Architect #3887
1589 W.Shaw Avenue, #5
Fresno, California 93711
E Mail: davebigler @aol.com
Tel: (559) 276-9495
Fax: (559) 276-9497

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used for any purpose, in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
A	01/07/26	100% CD - BID SET

LICENSED LANDSCAPE ARCHITECT DAVID R. BIGLER #3887 STATE OF CALIFORNIA 31 JULY 26

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO |
ARCHITECTS ENGINEERS CONNECTED

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
LANDSCAPE AND IRRIGATION NOTES

PROJECT NO.
12500

DRAWING
L400

PLOT DATE:

LANDSCAPE AND IRRIGATION NOTES

NTS

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

ABBREVIATIONS

ABBREVIATIONS: WHEN USED IN THESE DOCUMENTS SHALL CONFORM TO THE FOLLOWING LIST UNLESS OTHERWISE NOTED. DRAWINGS OF OTHER DISCIPLINES (SUCH AS CIVIL, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL) MAY CONTAIN SPECIFIC ABBREVIATIONS, REFERENCES, AND LEGENDS WITH INTERPRETATION INTENDED ONLY FOR THOSE DISCIPLINES.

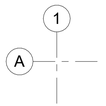
&	AND
L	ANGLE
@	AT
℄	CENTERLINE
∅	DIAMETER OR ROUND
⊥	PERPENDICULAR
#	POUND OR NUMBER
(E)	EXISTING
(N)	NEW
ABV.	ABOVE
A/C	AIR CONDITIONING
ACP	ASPHALT CONCRETE PAVING
ACST.	ACOUSTICAL
A.C.T.	ACOUSTIC CEILING TILE
A.B.	ANCHOR BOLT
ADA	AMERICANS WITH DISABILITIES ACT
ADAAG	ADA ACCESSIBLE GUIDELINES
ADDL.	ADDITIONAL
ADJ.	ADJUSTABLE
ADJC.	ADJACENT
A.F.F.	ABOVE FINISH FLOOR
A.F.G.	ABOVE FINISH GRADE
AGG.	AGGREGATE
ALT.	ALTERNATE
ALUM.	ALUMINUM
ANOD.	ANODIZED
A.P.C.	ACOUSTIC PANEL CEILING
APPROX.	APPROXIMATE
ARCH.	ARCHITECT(URAL)
AV	AUDIO VISUAL
BD.	BOARD
BEL.	BELOW
B.E.N	BOUNDARY EDGE NAILING
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BM.	BEAM
BOT.	BOTTOM
BRG.	BEARING
BTWN.	BETWEEN
B.U.R.	BUILT-UP ROOF(ING)
C&G	CURB AND GUTTER
CAB.	CABINET
C.B.	CARRIAGE BOLT
CEM.	CEMENT
CER.	CERAMIC
C.F.	CUBIC FOOT
C.I.	CAST IRON
C.J.	CONSTRUCTION JOINT
C.L.	CENTER LINE
C.L.F.	CHAIN LINK FENCE
CLG.	CEILING
CLO.	CLOSET
CLR.	CLEAR
CL.RM.	CLASS ROOM
CMU	CONCRETE MASONRY UNIT
CTR.	COUNTER
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
CONSTR.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
CPT.	CARPET
CRC	COLD ROLLED CHANNEL
CTR.	CENTER
CTSK	COUNTERSUNK
C.Y.	CUBIC YARD
D.A.	DISABLED ACCESS
DBL.	DOUBLE
DEMO	DEMOLISH/ DEMOLITION
D.F.	DRINKING FOUNTAIN OR DOUGLAS FIR
DET.	DETAIL
DIAG.	DIAGONAL
DIA.	DIAMETER
DIM.	DIMENSION
DISP.	DISPENSER
DN.	DOWN
DP.	DEEP
DS	DOWN SPOUT
DWG.(S)	DRAWING
DWR.	DRAWER
E	EAST
EA.	EACH
E.F.	EXHAUST FAN
EGR.	ENGINEER
E.J.	EXPANSION JOINT
EL.	ELEVATION
ELEC.	ELECTRIC(AL)
ELEV.	ELEVATOR
EMB.	EMBEDMENT
EMER.	EMERGENCY
E.N.	EDGE NAILING
ENCL.	ENCLOSURE
EQ.	EQUAL
EQUIP.	EQUIPMENT
EVAP.	EVAPORATIVE
E.W.	EACH WAY
EXH.	EXHAUST
EXST.	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
FA	FIRE ALARM
F.B.	FLAT BAR
F.B.O.	FURNISHED BY OWNER/OTHERS
F.D.	FLOOR DRAIN
F.D.C.	FIRE DEPATMENT CONNECTION
FDN.	FOUNDATION
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUSHER CABINET
F.F.	FACTORY FINISH
F.FLR.	FINISH FLOOR
F.G.	FINISH GRADE
F.H.	FIRE HYDRANT
FHMS	FLAT HEAD MACHINE SCREW
FHWS	FLAT HEAD WOOD SCREW
FIN.	FINISH
FIXT.	FIXTURE
FLR.	FLOOR(ING)
FLASH.	FLASHING
FLUOR.	FLUORESCENT
F.O.	FACE OF
F.O.C.	FACE OF CONCRETE
F.O.F.	FACE OF FINISH
F.O.M.	FACE OF MASONRY
F.O.S.	FACE OF STUD
FRP	FIBERGLASS REIN-FORCED PANELING
F.S.	FIRE SPRINKLER(S)
F.S.H.	FIRE SPRINKLER HEAD
FT.	FOOT/FEET
FURR.	FURRING
FUT.	FUTURE
GA.	GAUGE
GALV.	GALVANIZED
G.B.	GRAB BAR
G.C.	GENERAL CONTR.
GEN.	GENERAL
G.I.	GALVANIZED IRON
GL.	GLASS
GND.	GROUND
GR.	GRADE
GYP.	GYPSUM
H.B.	HOSE BIBB
HBD.	HARDBOARD
H.C.	HOLLOW CORE
HD.	HEAD
H.D.	HEAVY DUTY
HDR.	HEADER
HDW.	HARDWARE
HDWD.	HARDWOOD
H.M.	HOLLOW METAL
H.M.D.	HOLLOW METAL DOOR
H.M.F.	HOLLOW METAL FRAME
HORIZ.	HORIZONTAL
HR.	HOUR
HT.	HEIGHT
HVAC	HEATING/VENTIL-ATING/AIR COND-ITIONING
HWY	HIGH WAY
I.D.	INSIDE DIAMETER/ DIMENSION
INFO	INFORMATION
INSUL.	INSULATION
INT.	INTERIOR
JAN.	JANITOR
JT.	JOINT
KIT.	KITCHEN
K.O.	KNOCK OUT
K.O.P.	KNOCK OUT PANEL
LAB.	LABORATORY
LAM.	LAMINATE
LAV.	LAVATORY
LB(S)	POUND (POUNDS)
L.B.	LAG BOLT
L.F.	LINEAL FOOT
L.H.	LEFT HAND
LIB.	LIBRARY
LT.	LIGHT
LT.WT.	LIGHT WEIGHT
MACH.	MACHINE
MAINT.	MAINTENANCE
MAX.	MAXIMUM
M.B.	MACHINE BOLT
M.B.M.	METAL BUILDING MANUFACTURER
MECH.	MECHANICAL
MED.	MEDIUM
MEMB.	MEMBRANE
MET.	METAL
MFR.	MANUFACTURER
MH.	MANHOLE
MKR.	MARKER
MIN.	MINIMUM
MISC.	MISCELLANEOUS
M.O.	MASONRY OPENING
MTD.	MOUNTED
MTG.	MEETING
MULL.	MULLION
N	NORTH
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
NOM.	NOMINAL
N.R.C.	NOISE REDUCTION COEFFICIENT
N.T.S.	NOT TO SCALE
OCC	OCCUPANT LOAD
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER/ DIMENSION
OFF.	OFFICE
OFCI	OWNER FURNISHED, CONTR. INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
O.F.R.D.	OVER FLOW ROOF DRAIN
O.H.	OPPOSITE HAND
O.H.C.D.	OVER HEAD COILING DOOR
O.H.M.S.	OVAL HEAD MACH. SCREW
O.H.W.S.	OVAL HEAD WOOD SCREW
OPNG.	OPENING
OPP.	OPPOSITE
O/	OVER
ORIG.	ORIGINAL
OVHD	OVER HEAD
OWJ	OPEN WEB JOIST
P.B.N.	PLYWOOD BOUNDARY NAILING
P.E.N.	PLYWOOD EDGE NAILING
P.E.S.	PLYWOOD EDGE SCREWS
P.I.V.	POST INDICATOR VALVE
P.LAM.	PLASTIC LAMINATE
P.L.	PROPERTY LINE
PL.	PLATE
PLAS.	PLASTER
PLYWD.	PLYWOOD
PR.	PAIR
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT.	POINT
P.T.D.	PAPER TOWEL DISP.
P.T.D.F.	PRESSURE TREATED DOUGLAS FIR
PTN.	PARTITION
PVC	POLYVINYL CHLORIDE
R.	RADIUS
R	THERMAL RESISTANCE
R.A.	RETURN AIR
R.D.	ROOF DRAIN
REFL.	REFLECTED
REFR.	REFRIGERATOR
REINF.	REINFORCED
REM.	REMOVE
REQD.	REQUIRED
RESIL.	RESILIENT
R.H.	RIGHT HAND
R.H.W.S.	ROUND HEAD WOOD SCREW
RM.	ROOM
R.O.	ROUGH OPENING
R.O.W.	RIGHT-OF-WAY
RWD.	REDWOOD
RWL	RAIN WATER LEADER
S	SOUTH
S.A.	SUPPLY AIR
S.C.	SOLID CORE
SCH.	SCHEDULE
S.D.	STORM DRAIN
SECT.	SECTION
SF	SQUARE FEET/FOOT
SHR.	SHOWER
SHTG.	SHEATHING
SIM.	SIMILAR
S.M.	SHEET METAL
S.O.G.	SLAB-ON-GRADE
SPEC(S).	SPECIFICATION(S)
SPKR.	SPEAKER
SQ.	SQUARE
S.S.	STAINLESS STEEL
STA.	STATION
STC	SOUND TRANS-MISSION CLASS
STD.	STANDARD
STL.	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
S.W.	SIDE WALK
SYM.	SYMMETRICAL
T.C.	TOP OF CONCRETE
TEMP.	TEMPORARY
TMPD.	TEMPERED
T&G	TONGUE AND GROOVE
THD.	THREADED
THK.	THICK
T.I.	TENANT IMPROVEMENT
TK.BD.	TACK BOARD
T.O.S.	TOP OF STEEL
T.P.	TOP OF PAVEMENT
TS	TUBE STEEL
TEL.	TELEPHONE
TTB	TELEPHONE TERM-INAL BACK BD.
TV	TELEVISION
TYP.	TYPICAL
U.G.	UNDERGROUND
U.N.O.	UNLESS NOTED OTHERWISE
UR.	URINAL
VCT	VINYL COMPOSITION TILE
VERT.	VERTICAL
VTR	VENT TO ROOF
VWC	VINYL WALL COVERING
W	WEST OR WIDTH/WIDE
W/	WITH
W.C.	WATER CLOSET
W.CH.	WHEEL CHAIR
WD.	WOOD
WDW.	WINDOW
WF	WIDE FLANGE
W.H.	WATER HEATER
W/O	WITHOUT
W.P.	WATERPROOF
W.S.	WOOD SCREW
WT.	WEIGHT
WWF	WELDED WIRE FABRIC
XFMR	TRANSFORMER

CODES AND ORGANIZATIONS

CBC	CALIFORNIA BUILDING CODE
CEC	CALIFORNIA ELECTRICAL CODE
CFC	CALIFORNIA FIRE CODE
CMC	CALIFORNIA MECHANICAL CODE
CPC	CALIFORNIA PLUMBING CODE
DSA	DIVISION OF THE STATE ARCHITECT
ICBO	INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS
NSF	NATIONAL SANITATION FOUNDATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NEC	NATIONAL ELECTRICAL CODE

TYPICAL SYMBOLS

SYMBOLS



STATION LINE

DOOR SYMBOL

DOOR REFERENCE

WINDOW SYMBOL

WINDOW REFERENCE

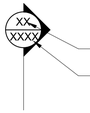
KEYNOTE SYMBOL

KEYNOTE REFERENCE, REFER TO KEYNOTE LIST ON SHEET

WORK POINT, CONTROL POINT OR DATUM POINT

WALL SYMBOL

WALL REFERENCE



SECTION

LOCATION ON SHEET REFERENCED

SHEET NUMBER WHERE SECTION IS LOCATED

DETAIL

LOCATION ON SHEET REFERENCED

SHEET NUMBER WHERE DETAIL IS LOCATED

ROOM IDENTIFICATION

ROOM NAME

ROOM NUMBER

CEILING HEIGHT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C 31647 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONSULTANTS
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
LEGENDS AND ABBREVIATIONS

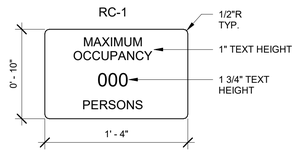
PROJECT NO.
12500

DRAWING
A000

PLOT DATE: 11/20/2025 1:46:35 PM

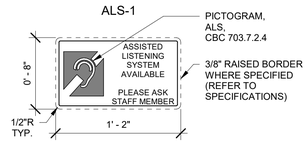
ROOM CAPACITY SIGN (RC)

SINGLE PURPOSE ROOM
COMMUNITY ROOM: 72 PERSONS



ASSISTED LISTENING DEVICE (ALS)

1. SEE INTERIOR ELEVATION FOR POSTED LOCATION.



NO SMOKING SIGN (NS)

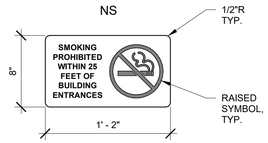


TABLE 11B-703.5.5 (VISUAL CHARACTER HEIGHT)		
HEIGHT TO FINISH FLOOR OR GROUND FROM BASELINE OF CHARACTER	HORIZONTAL VIEWING DISTANCE	MINIMUM CHARACTER HEIGHT
40 INCHES TO LESS THAN OR EQUAL TO 70 INCHES	LESS THAN 72 INCHES	5/8 INCHES
	72 INCHES AND GREATER	5/8 INCHES, PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVE 72 INCHES
GREATER THAN 70 INCHES TO LESS THAN OR EQUAL TO 120 INCHES	LESS THAN 180 INCHES	2 INCHES
	180 INCHES AND GREATER	2 INCHES, PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVE 180 INCHES
GREATER THAN 120 INCHES	LESS THAN 21 FEET	3 INCHES
	21 FEET AND GREATER	3 INCHES, PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVE 21 FOOT

GENERAL NOTES:

1. INFORMATIONAL SIGNAGE SHALL COMPLY WITH CBC 11B-703.5
2. INFORMATIONAL SIGNS ARE NOT REQUIRED TO HAVE RAISED CHARACTERS AND ACCOMPANYING BRAILLE.
3. LETTERING TO BE 3/4" HIGH MIN. U.N.O.

FINISH AND CONTRAST (CBC 11B-703.5.1): VISUAL CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

CASE (CBC 11B-703.5.2): CHARACTERS SHALL BE UPPERCASE OR LOWERCASE OR A COMBINATION OF BOTH.

STYLE (CBC 11B-703.5.3): CHARACTERS SHALL BE CONVENTIONAL IN FORM. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS.

CHARACTER PROPORTIONS (CBC 11B-703.5.4): CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I".

CHARACTER HEIGHT (CBC 11B-703.5.5): MINIMUM CHARACTER HEIGHT SHALL COMPLY WITH TABLE 11B-703.5.5. VIEWING DISTANCE SHALL BE MEASURED AS THE HORIZONTAL DISTANCE BETWEEN THE CHARACTER AND AN OBSTRUCTION PREVENTING FURTHER APPROACH TOWARDS THE SIGN. CHARACTER HEIGHT SHALL BE BASED ON THE UPPERCASE LETTER "I".

STROKE THICKNESS (CBC 11B-703.5.7): STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 10 PERCENT MINIMUM AND 20 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER.

CHARACTER SPACING (CBC 11B-703.5.8): CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT CHARACTERS, EXCLUDING WORD SPACES. SPACING BETWEEN INDIVIDUAL CHARACTERS SHALL BE 10 PERCENT MINIMUM AND 35 PERCENT MAXIMUM OF CHARACTER HEIGHT.

LINE SPACING (CBC 11B-703.5.9): SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF THE CHARACTER HEIGHT.

FORMAT (CBC 11B-703.5.10): TEXT SHALL BE IN A HORIZONTAL FORMAT.

PICTOGRAMS (CBC 11B-703.6): PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6 INCHES MINIMUM, CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD. PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-GLARE FINISH. PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD. PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS LOCATED DIRECTLY BELOW THE PICTOGRAM FIELD AND BRAILLE TRANSLATION BELOW TEXT DESCRIPTION, TEXT DESCRIPTORS SHALL COMPLY WITH CBC SECTIONS 11B-703.2, 11B-703.3, AND 11B-703.4.1.

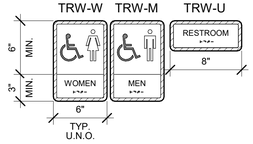
SRH_12_2019

INFORMATIONAL SIGNAGE

1 1/2" = 1'-0" | 16

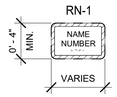
TYPICAL ROOM IDENTIFICATION

WALL MOUNTED TOILET SIGNAGE AT ACCESSIBLE TOILETS (TRW)



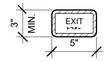
WALL MOUNTED IDENTIFICATION SIGNAGE @ FUNCTIONAL ROOMS (RN)

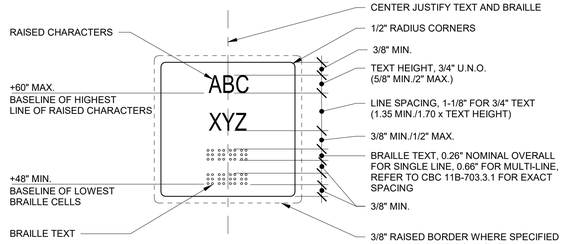
COORDINATE ROOM NAME AND NUMBER WITH OWNER PRIOR TO FABRICATION. DO NOT USE IDENTIFICATION FOUND ON THE DRAWINGS, U.N.O.



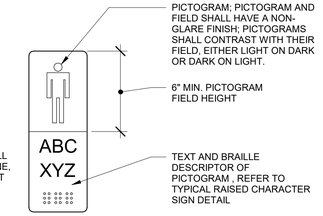
WALL MOUNTED TACTILE EXIT SIGN (TE)

1. EXIT DOOR LEADS DIRECTLY TO GRADE LEVEL EXTERIOR EXIT, SIGN TO STATE: "EXIT"

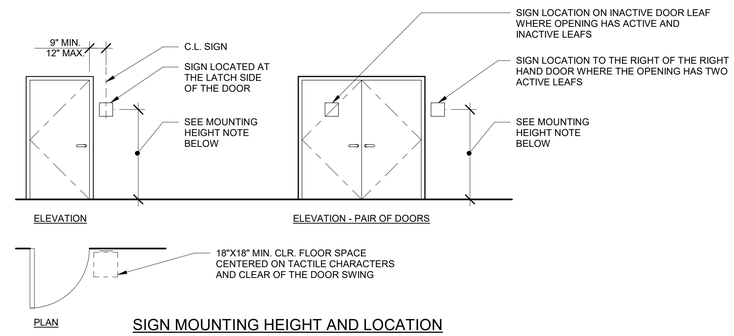




TYPICAL ROOM IDENTIFICATION OR TACTILE EXIT SIGN



SIGN WITH PICTOGRAM



SIGN MOUNTING HEIGHT AND LOCATION

NOTES:

GENERAL: SIGNAGE SHALL COMPLY WITH CBC SECTION 11B-703, RAISED CHARACTER SIGNS SHALL COMPLY WITH CBC 11B-703.2, 11B-703.3 AND 11B-703.4

RAISED CHARACTERS (CBC 11B-703.2): RAISED CHARACTERS (TEXT) SHALL COMPLY WITH CBC SECTION 11B-703.2 AND SHALL BE DUPLICATED IN BRAILLE. RAISED CHARACTERS SHALL BE UPPER CASE AND BE RAISED 1/32-INCH MINIMUM ABOVE THEIR BACKGROUND. CHARACTERS SHALL BE SANS SERIF AND NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OTHER UNUSUAL FORMS. CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8-INCH MINIMUM AND 2 INCHES MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I". STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER. TEXT SHALL BE IN A HORIZONTAL FORMAT. CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

BRAILLE (CBC 11B-703.3): BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH CBC SECTIONS 11B-703.3. BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH CBC TABLE 703.3.1. BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT IN A HORIZONTAL FORMAT, CENTER JUSTIFIED. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE SEPARATED 3/8 INCH MINIMUM AND 1/2 INCH MAXIMUM FROM ANY OTHER TACTILE CHARACTERS AND 3/8 INCH MINIMUM AND FROM RAISED BORDERS AND DECORATIVE ELEMENTS.

MOUNTING HEIGHT (CBC 11B-703.4.1): TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST BRAILLE CELLS AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS.

LOCATION (CBC 11B-703.4.2): SIGNS SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES MINIMUM BY 18 INCHES MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. WHERE PROVIDED, SIGNS IDENTIFYING PERMANENT ROOMS AND SPACES SHALL BE LOCATED AT THE ENTRANCE TO, AND OUTSIDE OF THE ROOM OR SPACE. WHERE PROVIDED, SIGNS IDENTIFYING EXITS SHALL BE LOCATED AT THE EXIT DOOR WHEN APPROACHED IN THE DIRECTION OF EGRESS TRAVEL.

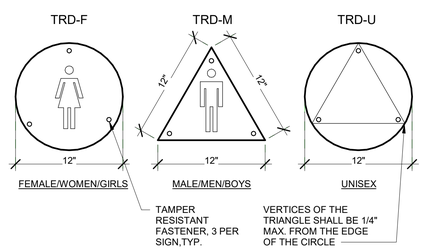
PICTOGRAMS (CBC 11B-703.6): PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6 INCHES MINIMUM, CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD. PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-GLARE FINISH, PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD. PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS LOCATED DIRECTLY BELOW THE PICTOGRAM FIELD AND BRAILLE TRANSLATION BELOW TEXT DESCRIPTION, TEXT DESCRIPTORS SHALL COMPLY WITH CBC SECTIONS 11B-703.2, 11B-703.3, AND 11B-703.4.1.

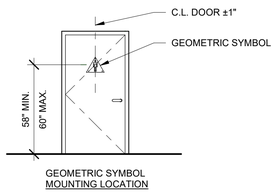
SRH_12_2019

TYPICAL ROOM IDENTIFICATION AND TACTILE SIGNAGE

1 1/2" = 1'-0" | 3

TOILET ROOM DOOR IDENTIFICATION SYMBOL (TRD)





NOTES:

1. SYMBOLS SHALL BE 1/4" THICK; UNISEX SYMBOLS SHALL CONSIST OF A 1/4" THICK TRIANGLE ON A 1/4" THICK CIRCLE.
2. THE COLOR OF THE SYMBOL SHALL CONTRAST WITH THE COLOR OF THE DOOR; FOR UNISEX SIGNS, THE COLOR OF THE CIRCLE SHALL CONTRAST WITH THE DOOR AND THE COLOR OF THE TRIANGLE SHALL CONTRAST WITH THE CIRCLE; CONTRAST SHALL BE LIGHT ON DARK OR DARK ON LIGHT.
3. SYMBOLS SHALL NOT CONTAIN BRAILLE OR WRITTEN TEXT.
4. PICTOGRAMS ARE NOT A REQUIRED FEATURE BUT MAY BE INCLUDED.
5. EDGES OF SYMBOLS SHALL BE EASED OR ROUNDED AT 1/16" MINIMUM OR CHAMFERED AT 1/8" MAXIMUM. VERTICES OF TRIANGLES SHALL BE RADIUSED BETWEEN 1/8" MIN./ 1/4" MAX.
6. SYMBOLS SHALL BE LOCATED ON DOORS TO TOILET ROOMS, WHERE NO DOORS ARE PROVIDED, SYMBOLS SHALL BE LOCATED ON THE WALL ADJACENT TO THE ENTRANCE OPENING.

SRH_12_2019

GEOMETRIC SYMBOLS FOR TOILET ROOMS

1 1/2" = 1'-0" | 4

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT WILLIAM M. POLANCO C. 31644 STATE OF CALIFORNIA

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

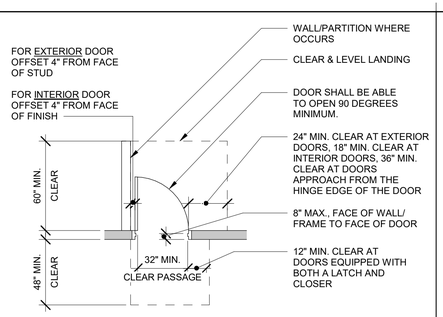
DRAWING TITLE
TYPICAL SIGNAGE/ACCESSIBLE DETAILS

PROJECT NO.
12500

DRAWING
A001

PLOT DATE: 11/20/2025 1:46:37 PM

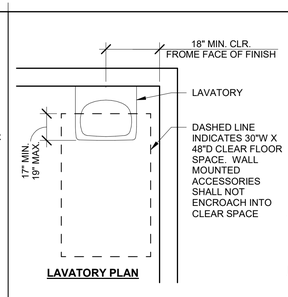
\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



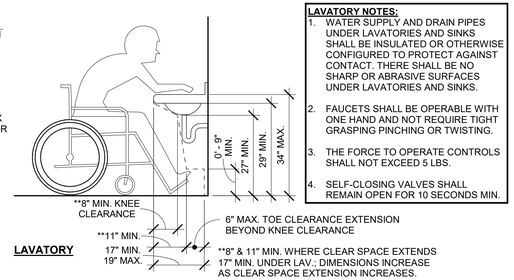
ACCESSIBLE MANEUVERING CLEARANCE AT DOORS

SRH_12_2019

1/4" = 1'-0" | 13



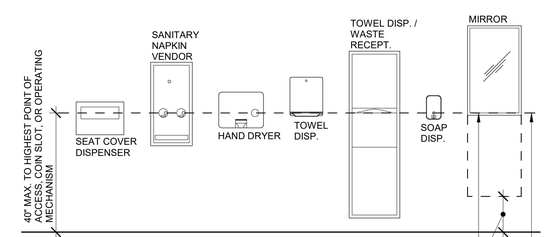
LAVATORY PLAN



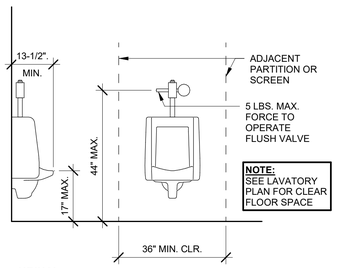
LAVATORY

LAVATORY NOTES:

1. WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS.
2. FAUCETS SHALL BE OPERABLE WITH ONE HAND AND NOT REQUIRE TIGHT GRASPING PINCHING OR TWISTING.
3. THE FORCE TO OPERATE CONTROLS SHALL NOT EXCEED 5 LBS.
4. SELF-CLOSING VALVES SHALL REMAIN OPEN FOR 10 SECONDS MIN.

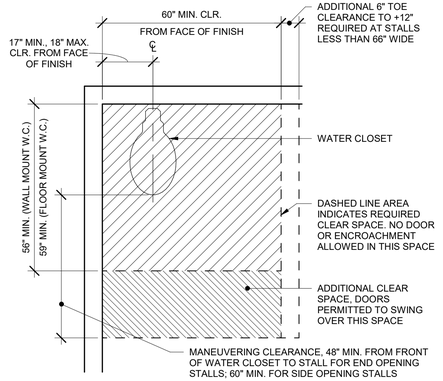


ACCESSIBLE MOUNTING HEIGHTS

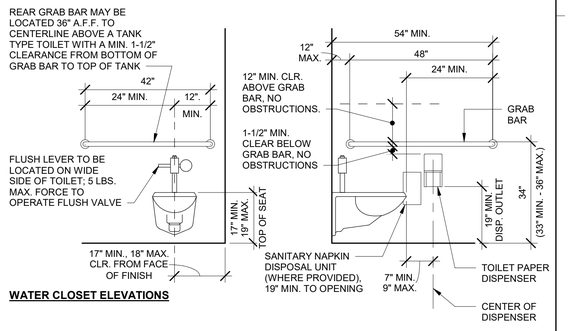


NOTE: SEE LAVATORY PLAN FOR CLEAR FLOOR SPACE

URINAL



WATER CLOSET CLEAR SPACE

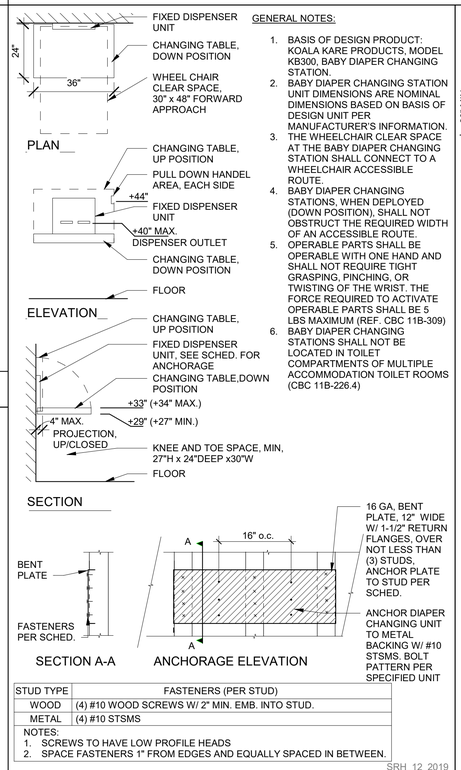


WATER CLOSET ELEVATIONS

SRH_12_2019

ACCESSIBLE FIXTURE & ACCESSORY MOUNTING HEIGHTS & CLEARANCES

1/2" = 1'-0" | 2



GENERAL NOTES:

1. BASIS OF DESIGN PRODUCT: KOALA KARE PRODUCTS, MODEL KB300, BABY DIAPER CHANGING STATION.
2. BABY DIAPER CHANGING STATION UNIT DIMENSIONS ARE NOMINAL DIMENSIONS BASED ON BASIS OF DESIGN UNIT PER MANUFACTURER'S INFORMATION.
3. THE WHEELCHAIR CLEAR SPACE AT THE BABY DIAPER CHANGING STATION SHALL CONNECT TO A WHEELCHAIR ACCESSIBLE ROUTE.
4. BABY DIAPER CHANGING STATIONS, WHEN DEPLOYED (DOWN POSITION), SHALL NOT OBSTRUCT THE REQUIRED WIDTH OF AN ACCESSIBLE ROUTE.
5. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 LBS MAXIMUM (REF. CBC 11B-309)
6. BABY DIAPER CHANGING STATIONS SHALL NOT BE LOCATED IN TOILET COMPARTMENTS OF MULTIPLE ACCOMMODATION TOILET ROOMS (CBC 11B-226.4)

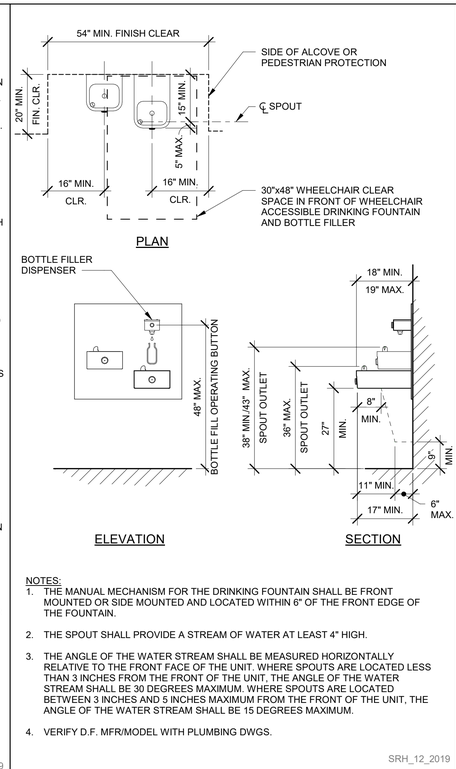
STUD TYPE	FASTENERS (PER STUD)
WOOD	(4) #10 WOOD SCREWS W/ 2" MIN. EMB. INTO STUD.
METAL	(4) #10 STSMS

NOTES:
1. SCREWS TO HAVE LOW PROFILE HEADS
2. SPACE FASTENERS 1" FROM EDGES AND EQUALLY SPACED IN BETWEEN.

SRH_12_2019

DIAPER CHANGING STATION

3/8" = 1'-0" | 12



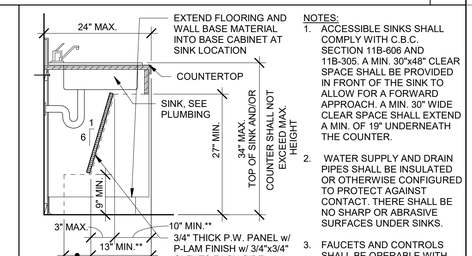
NOTES:

1. THE MANUAL MECHANISM FOR THE DRINKING FOUNTAIN SHALL BE FRONT MOUNTED OR SIDE MOUNTED AND LOCATED WITHIN 6" OF THE FRONT EDGE OF THE FOUNTAIN.
2. THE SPOUT SHALL PROVIDE A STREAM OF WATER AT LEAST 4" HIGH.
3. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 3 INCHES FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAXIMUM. WHERE SPOUTS ARE LOCATED BETWEEN 3 INCHES AND 5 INCHES MAXIMUM FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAXIMUM.
4. VERIFY D.F. MFR/MODEL WITH PLUMBING DWGS.

SRH_12_2019

ACCESSIBLE DRINKING FOUNTAIN

1/2" = 1'-0" | 8

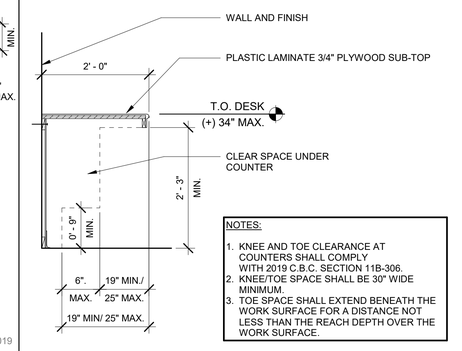


NOTES:

1. ACCESSIBLE SINKS SHALL COMPLY WITH C.B.C. SECTION 11B-606 AND 11B-305. A MIN. 30"x48" CLEAR SPACE SHALL BE PROVIDED IN FRONT OF THE SINK TO ALLOW FOR A FORWARD APPROACH. A MIN. 30" WIDE CLEAR SPACE SHALL EXTEND A MIN. OF 19" UNDERNEATH THE COUNTER.
2. WATER SUPPLY AND DRAIN PIPES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER SINKS.
3. FAUCETS AND CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO OPERATE CONTROLS SHALL NOT EXCEED A 5 LB. FORCE. SELF CLOSING VALVES SHALL REMAIN OPEN FOR AT LEAST 10 SECONDS.

ACC. SINK/TOE CLEARANCE

3/4" = 1'-0" | 3



NOTES:

1. KNEE AND TOE CLEARANCE AT COUNTERS SHALL COMPLY WITH 2019 C.B.C. SECTION 11B-306.
2. KNEE/TOE SPACE SHALL BE 30" WIDE MINIMUM.
3. TOE SPACE SHALL EXTEND BENEATH THE WORK SURFACE FOR A DISTANCE NOT LESS THAN THE REACH DEPTH OVER THE WORK SURFACE.

ACCESSIBLE DESK KNEESPACE

3/4" = 1'-0" | 4

SRH_12_2019

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C 31644 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
TYPICAL ACCESSIBLE DETAILS

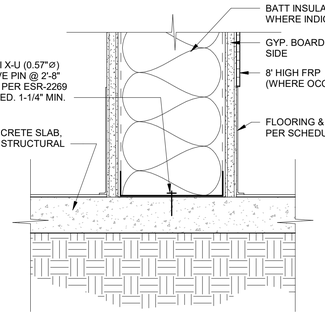
PROJECT NO.
12500

DRAWING
A002

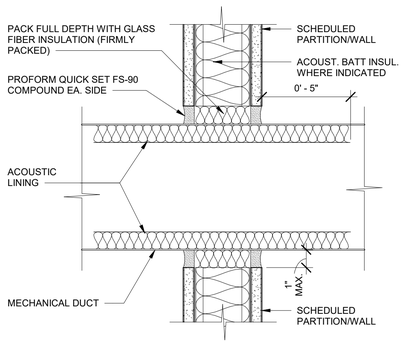
PLOT DATE: 11/20/2025 1:46:40 PM

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

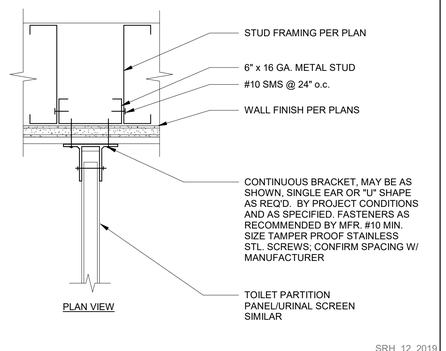
\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



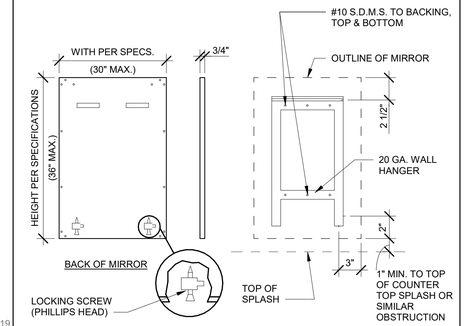
INT. WALL @ CONC. SLAB 3" = 1'-0" 17



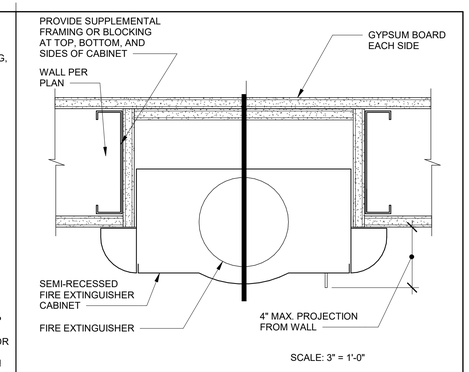
ACOUSTICAL SEAL @ DUCT 3" = 1'-0" 13



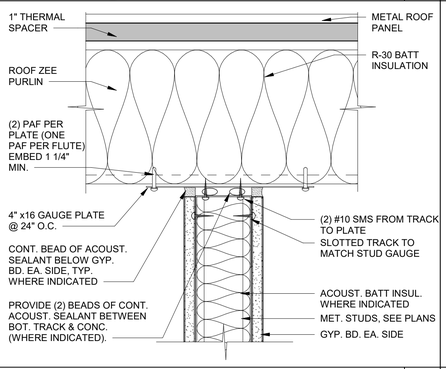
SRH_12_2019



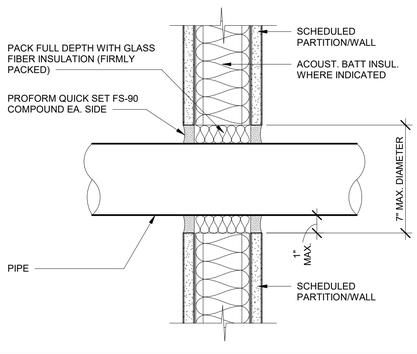
SCALE: N.TS.



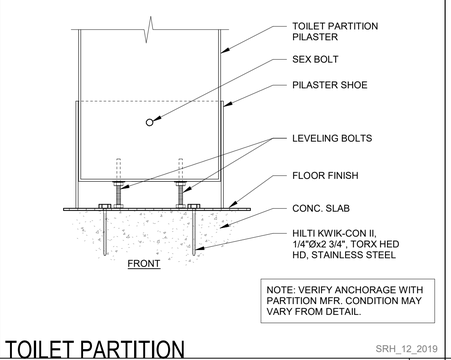
SCALE: 3" = 1'-0"



ACOUSTICAL WALL @ TOP 3" = 1'-0" 18



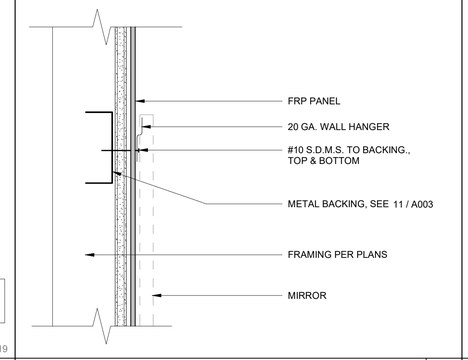
ACOUSTICAL SEAL @ PIPE 3" = 1'-0" 14



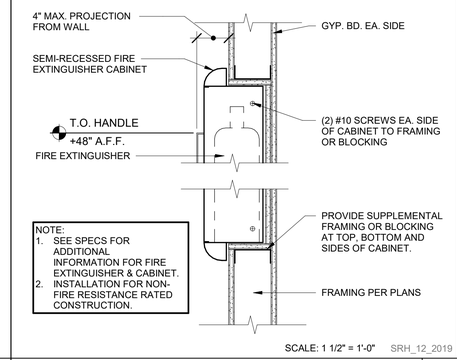
NOTE: VERIFY ANCHORAGE WITH PARTITION MFR. CONDITION MAY VARY FROM DETAIL.

SRH_12_2019

TOILET PARTITION ANCHORAGE(TYP.) N.T.S. 10



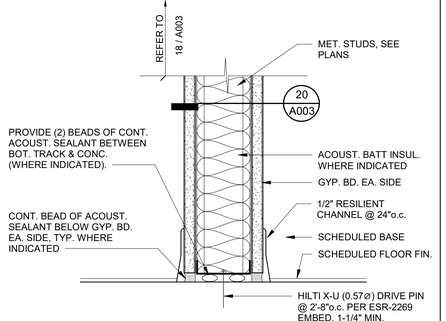
MIRROR ANCHORAGE SCALE: 1 1/2" = 1'-0" 6



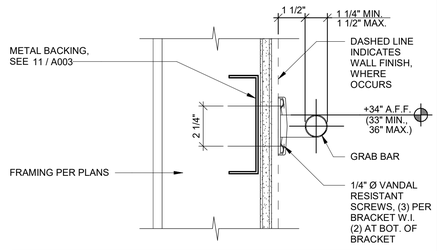
NOTE:
1. SEE SPECS FOR ADDITIONAL INFORMATION FOR FIRE EXTINGUISHER & CABINET.
2. INSTALLATION FOR NON-FIRE RESISTANCE RATED CONSTRUCTION.

SCALE: 1 1/2" = 1'-0" SRH_12_2019

FIRE EXTINGUISHER CABINET 1 1/2" = 1'-0" 2

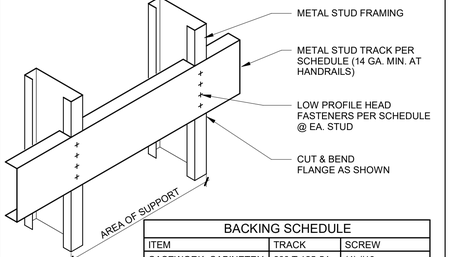


ACOUSTICAL WALL @ BASE 3" = 1'-0" 19



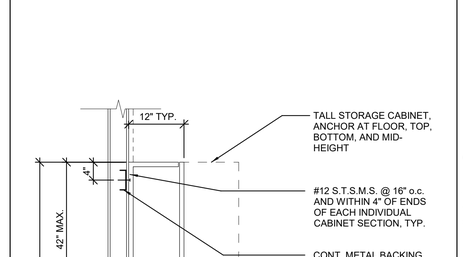
NOTE:
1. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
2. GRAB BARS AND ANY WALL OR OTHER SURFACE ADJACENT TO GRAB BARS SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES.
3. THERE SHALL BE NO PROJECTING ELEMENTS MOUNTED TO WALLS WITHIN 12" ABOVE OR 1-1/2" BELOW GRAB BARS.

TYPICAL GRAB BAR ANCHORAGE 3" = 1'-0" 15



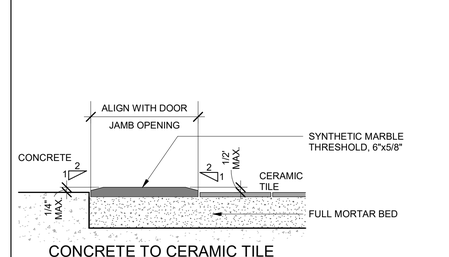
BACKING SCHEDULE		
ITEM	TRACK	SCREW
CASEWORK, CABINETRY	600 T 125-54	(4) #10
TOILET ACCESSORIES	362 T 125-54	(2) #10
GRAB BAR	600 T 125-68	(4) #10
INDUSTRIAL SHELVING	600 T 125-54	(4) #10
SIGNAGE	600 T 125-54	(4) #10
MISC. FRAMING	ONE SIZE LARGER	(4) #10

METAL BACKING (TYP.) 1 1/2" = 1'-0" 11



06 41--A--MS_1

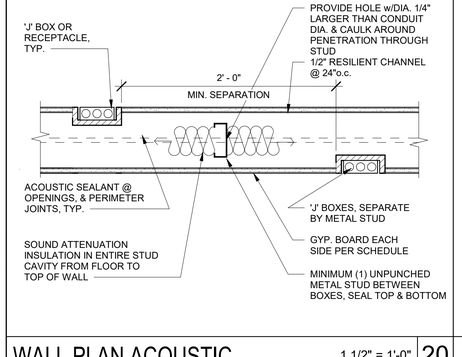
TYP. CABINET ANCHORAGE 3/4" = 1'-0" 8



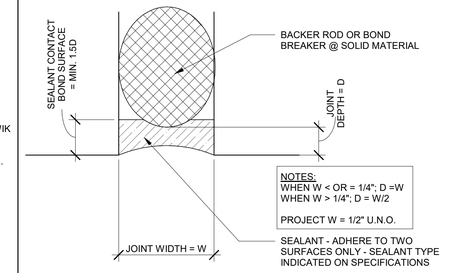
CONCRETE TO CERAMIC TILE

NOTE: FLOOR MATERIAL TRANSITIONS OCCUR @ CENTERLINE OF DOORS WHERE APPLICABLE

FLOOR TRANSITION 3" = 1'-0" 3



WALL PLAN ACOUSTIC 1 1/2" = 1'-0" 20



SEALANT JOINT DETAIL 3" = 1'-0" 4

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC: A
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 36648 STATE OF CALIFORNIA

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

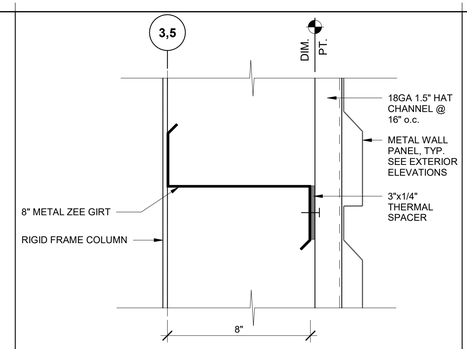
DRAWING TITLE
TYPICAL DETAILS

PROJECT NO.
12500

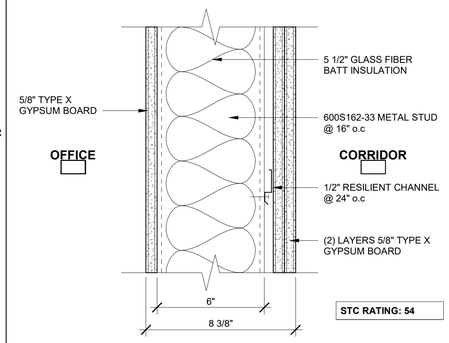
DRAWING
A003

PLOT DATE: 11/20/2025 1:46:44 PM

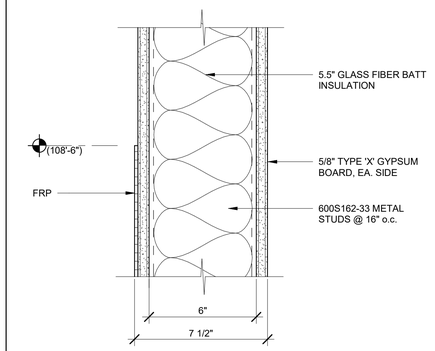
\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



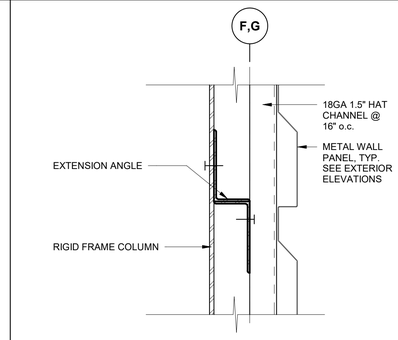
EXT. 8" HORIZ. METAL PANEL AT RIGID FRAME 3" = 1'-0" 8E



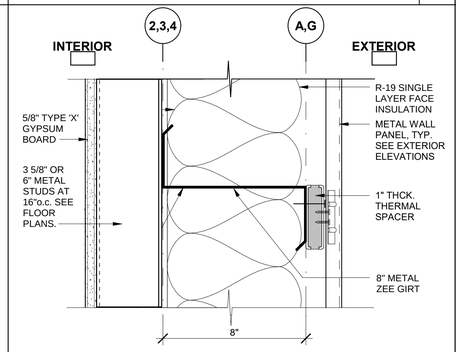
INT. WALL w/ RES. CHANNEL 3" = 1'-0" 6F



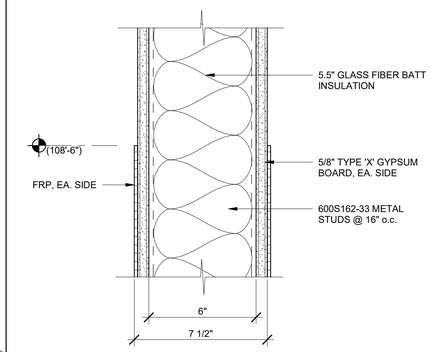
6" PARTITION AT RR (FRP 1 SIDE) 3" = 1'-0" 6B



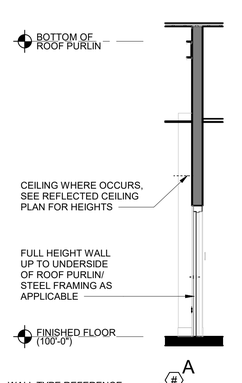
EXT. 8" HORIZ. METAL PANEL AT RIGID FRAME 3" = 1'-0" 8F

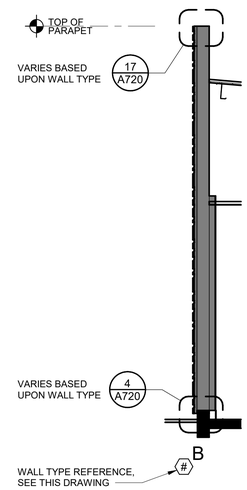


EXT. 8" VERT. METAL PANEL 3" = 1'-0" 8A



6" PARTITION AT RR 3" = 1'-0" 6C



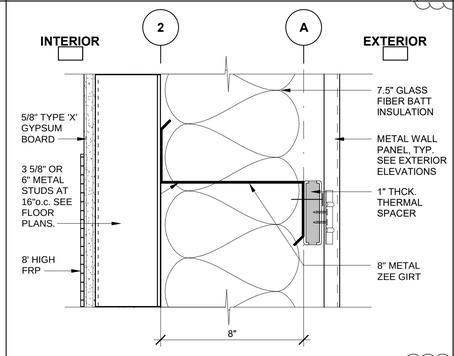


WALL HEIGHT TYPES

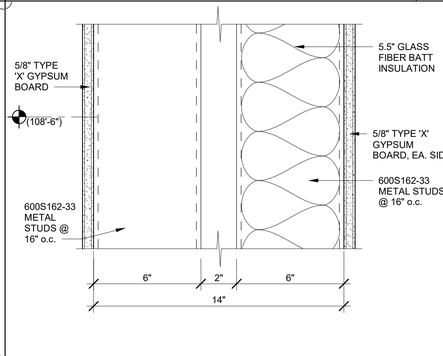
A. SEE DIMENSIONS AND FLOOR PLAN DRAWING A200 FOR MORE INFORMATION.

B. ALL INTERIOR WALLS ARE DIMENSIONED TO FACE OF STUD, U.O.N.

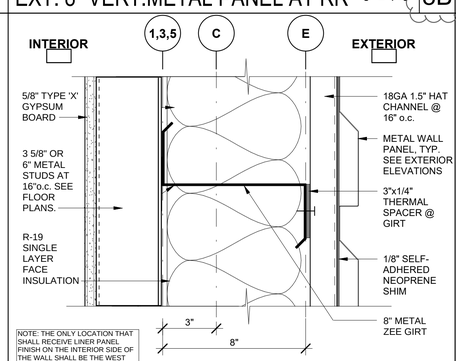
WALL HEIGHTS 1/4" = 1'-0" 3



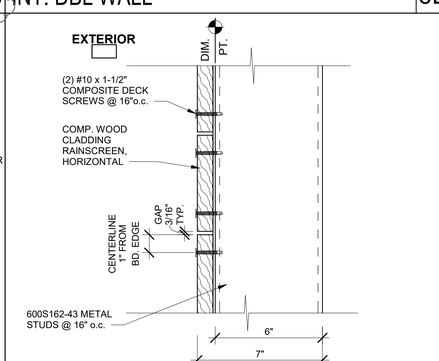
EXT. 8" VERT.METAL PANEL AT RR 3" = 1'-0" 8B



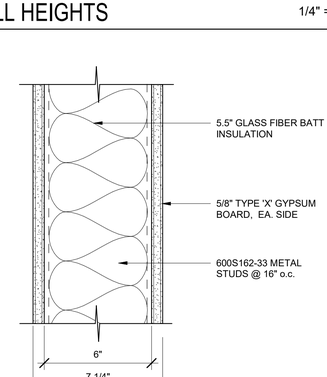
INT. DBL WALL 3" = 1'-0" 6D



EXT. 8" HORIZ. METAL PANEL 3" = 1'-0" 8C



EXT. 6" COMP. CLD. 3" = 1'-0" 6E



6" PARTITION 3" = 1'-0" 6A

PLOT DATE: 11/20/2025 1:46:48 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 38647 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
TETER

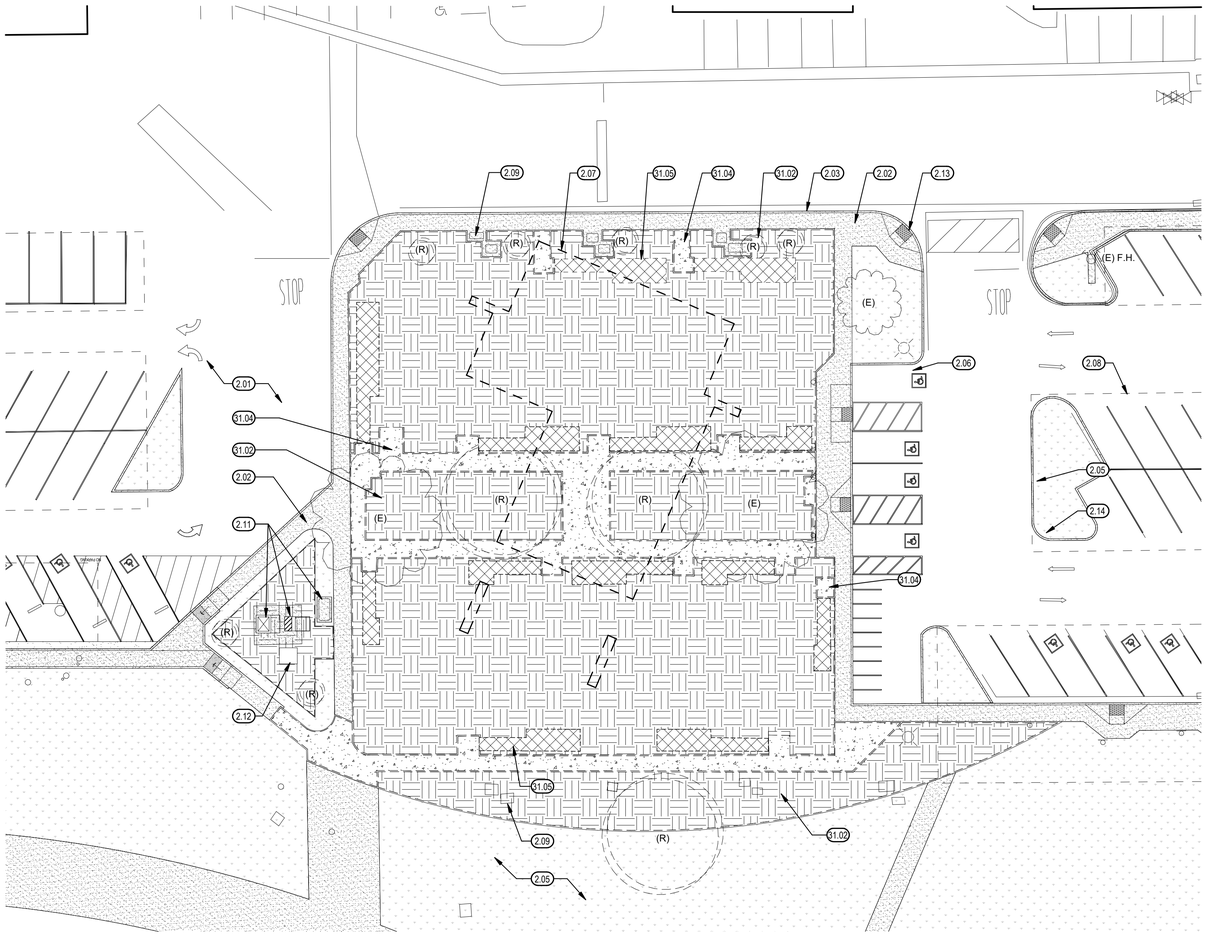
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
WALL TYPES

PROJECT NO.
12500

DRAWING
A004

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



KEYNOTES (00.00)

2.01	EXISTING AC PAVING TO REMAIN
2.02	EXISTING CONCRETE PAVING/WALK TO REMAIN, TYP.
2.03	EXISTING CURB AND GUTTER TO REMAIN, TYP.
2.05	EXISTING TURF/LANDSCAPING TO REMAIN, TYP.
2.06	EXISTING ACCESSIBLE PARKING STALLS TO REMAIN, TYP.
2.07	DASHED LINE INDICATED PROPOSED BUILDING OUTLINE
2.08	EXISTING PHOTOVOLTAIC CANOPY TO REMAIN, TYP.
2.09	EXISTING UTILITY EQUIPMENT TO REMAIN, TYP.
2.11	EXISTING ELECTRICAL EQUIPMENT TO REMAIN
2.12	EXISTING IRRIGATION EQUIPMENT TO REMAIN
2.13	EXISTING CURB RAMP TO REMAIN, TYP.
2.14	EXISTING LIGHT POLE TO REMAIN
31.02	REMOVE EXISTING LANDSCAPING/TURF, TYP.
31.04	REMOVE EXISTING CONCRETE PAVING/WALK, TYP., SEE CIVIL
31.05	REMOVE EXISTING RAMP AND LANDING, TYP.

LEGEND

- EXISTING CONCRETE WALK TO BE REMOVED, SEE CIVIL
- EXISTING CONCRETE WALK TO REMAIN, SEE CIVIL
- EXISTING LANDSCAPE AREA TO BE REMOVED, SEE LANDSCAPE
- EXISTING LANDSCAPE AREA TO REMAIN, SEE LANDSCAPE
- (E) EXISTING TREE TO REMAIN, SEE LANDSCAPE
- (R) EXISTING TREE TO BE REMOVED, SEE LANDSCAPE
- F.H. FIRE HYDRANT, SEE CIVIL.

PROJECT NORTH NORTH

ENLARGED DEMOLITION SITE PLAN 1" = 20'-0" 8

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31644 STATE OF CALIFORNIA

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED
TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

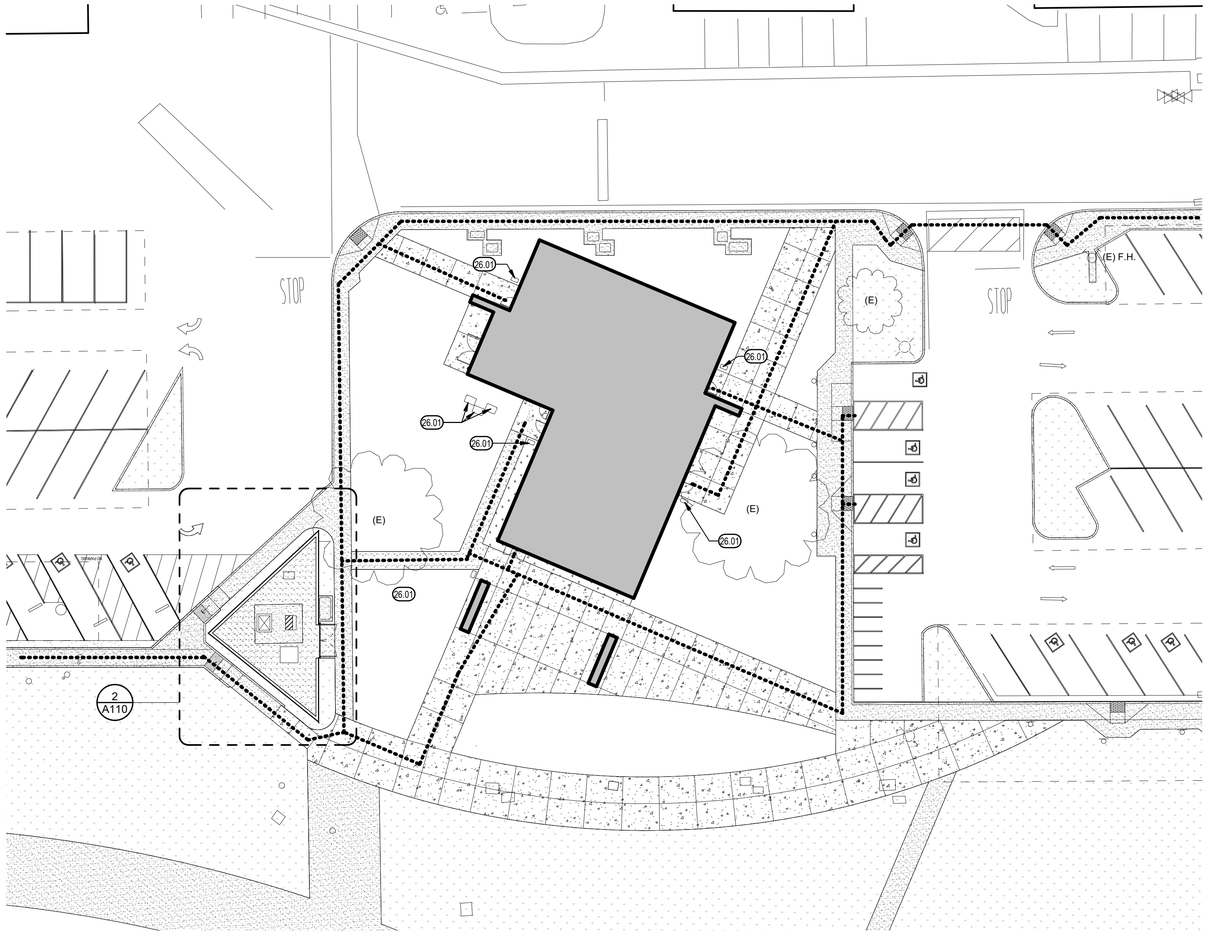
DRAWING TITLE
ENLARGED DEMOLITION SITE PLAN

PROJECT NO.
12500

DRAWING
A101

PLOT DATE: 11/20/2025 1:46:52 PM

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



KEYNOTES (00.00)

26.01 PULL BOX, SEE ELECTRICAL

LEGEND

- PROPOSED BUILDING
- CONCRETE WALK, 4 INCHES OF CONCRETE OVER 4 INCHES OF CLASS II COMPACTED AGGREGATE BASE OVER 12 INCHES OF COMPACTED SUB-GRADE.
- LANDSCAPE/TURF AREA ,SEE LANDSCAPE
- DECOMPOSED GRANITE WALK, 3 INCHES OF COMPACTED DECOMPOSED GRANITE OVER 4 INCHES OF COMPACTED SUB-GRADE
- EXISTING CONCRETE WALK TO REMAIN, SEE CIVIL
- EXISTING LANDSCAPE AREA TO REMAIN, SEE LANDSCCAPE
- (E) EXISTING TREE TO REMAIN, SEE LANDSCCAPE
- F.H. FIRE HYDRANT, SEE CIVIL.
- PROPERTY LINE
- ACCESSIBLE ROUTE (2022 C.B.C. SECTION 11B - 206)

THE ACCESSIBLE ROUTE IS A CONTINUOUS UNOBSTRUCTED PATH CONNECTING ACCESSIBLE ELEMENTS AND SPACES OF AN ACCESSIBLE SITE, BUILDING OR FACILITY THAT CAN BE NEGOTIATED BY A PERSON WITH A DISABILITY USING A WHEELCHAIR, AND THAT IS ALSO SAFE FOR AND USABLE BY PERSONS WITH OTHER DISABILITIES. ACCESSIBLE ROUTES SHALL COMPLY WITH CBC 11B-402. IN GENERAL, EXTERIOR ACCESSIBLE ROUTES SHALL COMPLY WITH THE FOLLOWING: SHALL BE STABLE, FIRM, AND SLIP RESISTANT; HAVE A 1:20 MAXIMUM RUNNING SLOPE FOR WALKS; HAVE A 1:12 MAXIMUM SLOPE FOR RAMPS AND CURB RAMPS; HAVE A 1/4:12 MAXIMUM CROSS SLOPE; HAVE A 48" MINIMUM WIDTH; HAVE NO VERTICAL OFFSETS GREATER THAN 1/4"; OFFSETS BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NOT EXCEEDING 1V:2H; HAVE NO OPENINGS ALLOWING THE PASSAGE OF A 1/2" DIAMETER SPHERE; ELONGATED OPENINGS SHALL BE PERPENDICULAR TO THE DIRECTION OF TRAVEL; HAVE A MINIMUM 6" HIGH CURB OR GUARDRAIL AT EDGES WHERE THE DROP OFF EXCEEDS 4" EXCEPT WHERE ADJACENT TO VEHICULAR WAYS; BE FREE OF ELEMENTS PROJECTING MORE THAN 4" FROM WALLS BETWEEN 27" AND 80" ABOVE THE WALKING SURFACE; AND HAVE 80" MINIMUM VERTICAL CLEARANCE.

DESIGN PROFESSIONAL IN CHARGE STATEMENT:

- THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS.
- AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS, OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS, AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS.
- ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.
- DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

GENERAL NOTES

A. THE CONTRACTOR SHALL ACCEPT THE SITE IN ITS PRESENT CONDITION & DEMOLISH AND/OR REMOVE FROM THE AREA OF THE PROJECT ALL STRUCTURES, BOTH SURFACE & SUBSURFACE, TREES, BRUSH, ROOTS, DEBRIS, ORGANIC MATTER, & ALL OTHER MATTER DETERMINED BY THE INSPECTOR TO BE DELETERIOUS. SUCH MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.

B. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED & SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE & SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FIVE FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, WHICH SHALL CONFORM TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENTS.

C. FINISH GRADE SHALL HAVE A 1.5% SLOPE AWAY FROM THE BLDG. FOR A DISTANCE NOT LESS THAN 5'-0" FROM THE BLDG.

D. EXISTING UNDERGROUND UTILITIES & IMPROVEMENTS ARE SHOWN IN THEIR APPROX. LOCATIONS BASED UPON RECORD INFO. AVAILABLE TO THE ARCHITECT AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD & NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFO. SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 2 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A), 1-800-642-2444.

E. ALL SITE CONC. CURBS, GUTTERS, DRIVE APPROACHES, & WALKS SHALL BE CLASS "B" CONC. (5 SACK MIX) WITH A MAX. SLUMP OF 5" & A 28 DAY COMPRESSIVE STRENGTH OF 2000 PSI.

F. PROPERTY DIMENSIONS AS SHOWN ARE BASED ON RECORD INFO. & SHOULD BE FIELD VERIFIED BY A PROPERTY SURVEY PRIOR TO CONSTRUCTION.

G. EXTERIOR CONC. LANDINGS AT DOORS SHALL NOT BE MORE THAN 1/2 INCH LOWER THAN DOORWAY THRESHOLD WITH 1/4 INCH PER FOOT SLOPE MAX.

H. SEE CIVIL FOR A.C. & CONC. PAVING SECTIONS, AND CURB DETAILS.

I. REFER TO CIVIL, LANDSCAPE, PLUMBING & ELECTRICAL FOR UTILITY INFORMATION. CONTRACTOR TO COORDINATE ALL TRADES TO MAINTAIN PROPER CLEARANCES & AVOID CONFLICTS.

PROJECT NORTH NORTH

ENLARGED PROPOSED SITE PLAN 1" = 20'-0" 8

PLOT DATE: 11/20/2025 1:47:05 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 36647 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

TETER

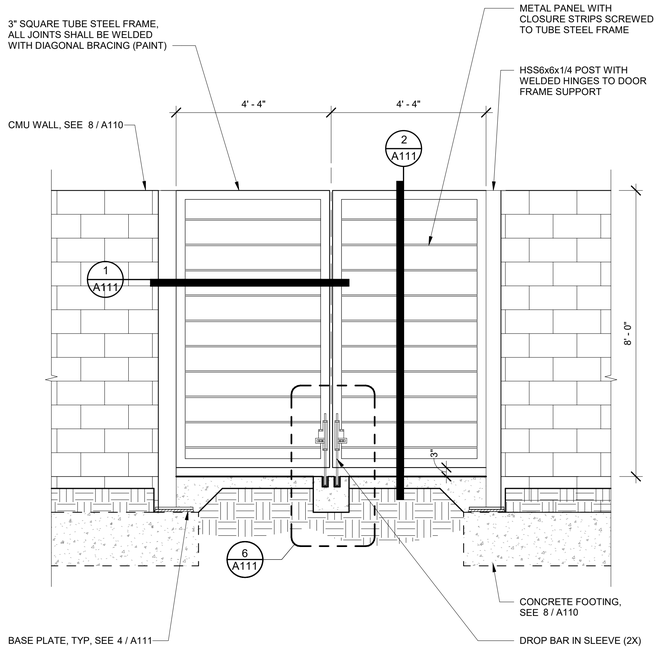
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
ENLARGED PROPOSED SITE PLAN

PROJECT NO.
12500

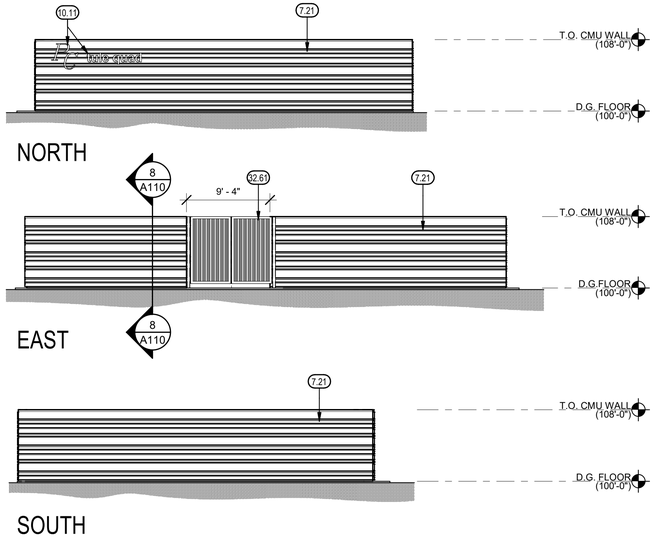
DRAWING
A102

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



DOUBLE GATE AT UTILTY YARD

1/2" = 1'-0" | 18

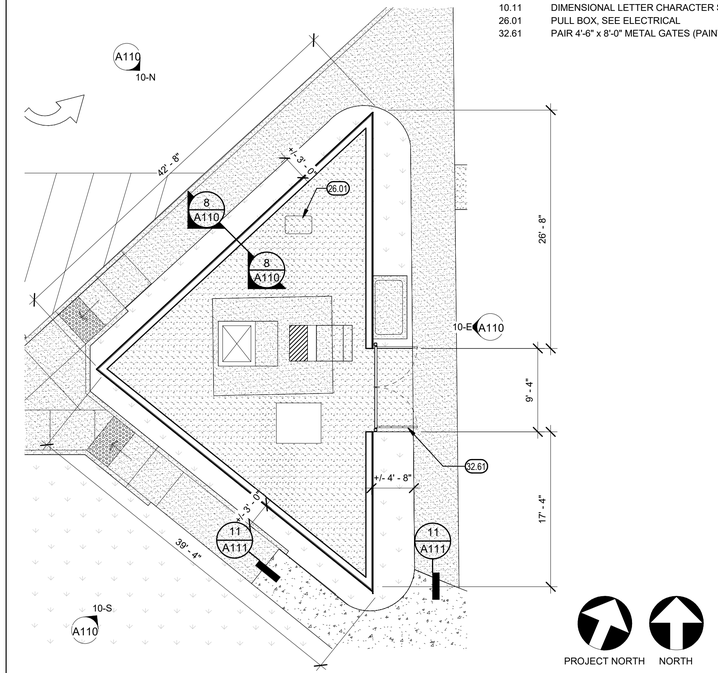


UTILITY YARD CMU ENCLOSURE ELEVATIONS

1/8" = 1'-0" | 10

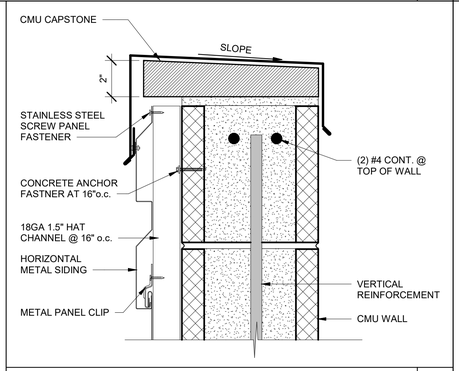
KEYNOTES (00.00)

7.21	METAL WALL PANEL, TYP., SEE EXTERIOR ELEVATIONS
10.11	DIMENSIONAL LETTER CHARACTER SIGNAGE
26.01	PULL BOX, SEE ELECTRICAL
32.61	PAIR 4'-6" x 8'-0" METAL GATES (PAINT), SEE 18 / A110



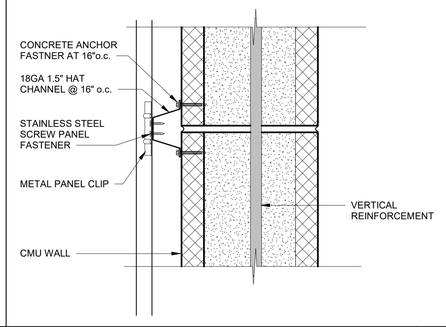
UTILITY YARD CMU ENCLOSURE PLAN

1/8" = 1'-0" | 2



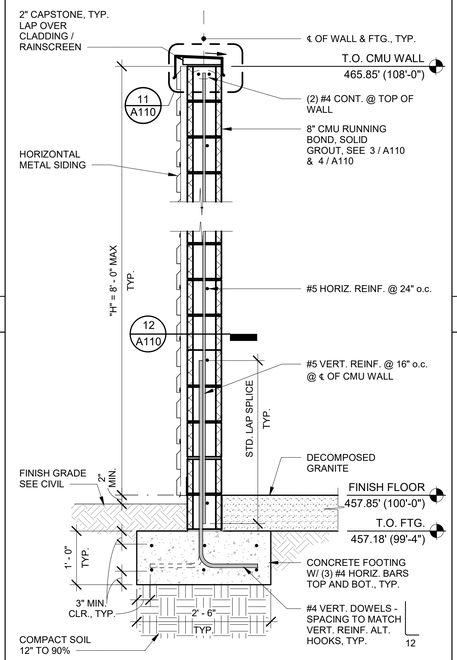
MTL PANELS @ CAPSTONE

3" = 1'-0" | 11



MTL PANELS @ CMU WALL

3" = 1'-0" | 12

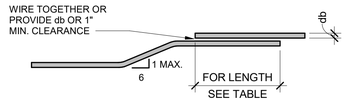


CMU WALL FOOTING

3/4" = 1'-0" | 8

CONCRETE MASONRY UNITS											
REINFORCING BAR SPLICE LENGTH - GRADE 60 OR LESS											
BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11	#14	#18
f'm = 1,500 PSI	27"	36"	45"	54"	63"	72"	NP	NP	NP	NP	NP
f'm = 2,000 PSI	23"	30"	38"	45"	53"	60"	NP	NP	NP	NP	NP

* NP: NOT PERMITTED (SEE NOTE 3)

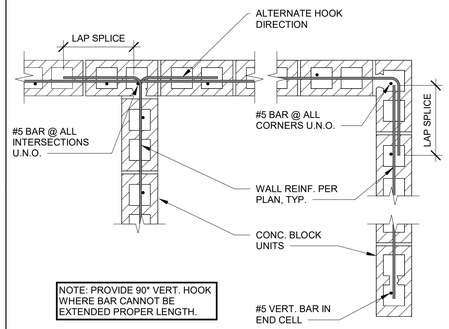


NOTES:

1. SPLICE LENGTHS ARE GIVEN FOR CMU WITH A MINIMUM COMPRESSIVE STRENGTH LISTED AT 28 DAYS.
2. FOR EPOXY COATED REBAR INCREASE SPLICE LENGTH BY 20 PERCENT.
3. REINFORCING LARGER THAN NO. 9 SHALL BE SPLICED USING MECHANICAL CONNECTIONS IN ACCORDANCE WITH ACI 530 / ASCE 5 / TMS 402 SECTION 2.1.10.7.3.
4. BARS SPLICED BY NON-CONTACT LAP SPLICES SHALL NOT BE SPACED FARTHER APART THAN THE LESSOR OF ONE-FIFTH THE REQUIRED LENGTH OR 8".
5. STAGGER ADJACENT SPLICES AT LEAST 24 BAR DIAMETERS.

REINF. BAR SPLICE FOR MAS.

3/4" = 1'-0" | 3



CONC. BLOCK CORNER

3/4" = 1'-0" | 4

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C - 31640 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

TETER

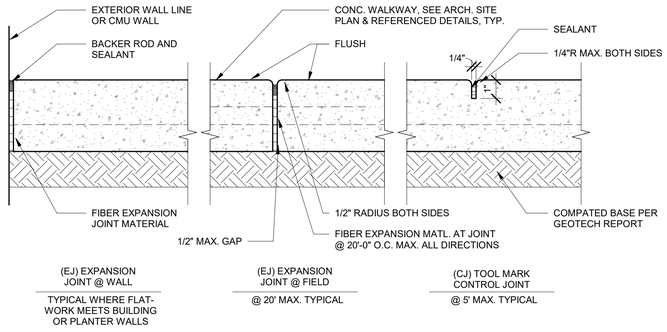
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
SITE DETAILS

PROJECT NO.
12500

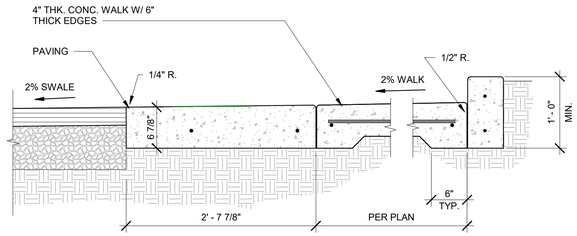
DRAWING
A110

PLOT DATE: 11/20/2025 1:47:12 PM



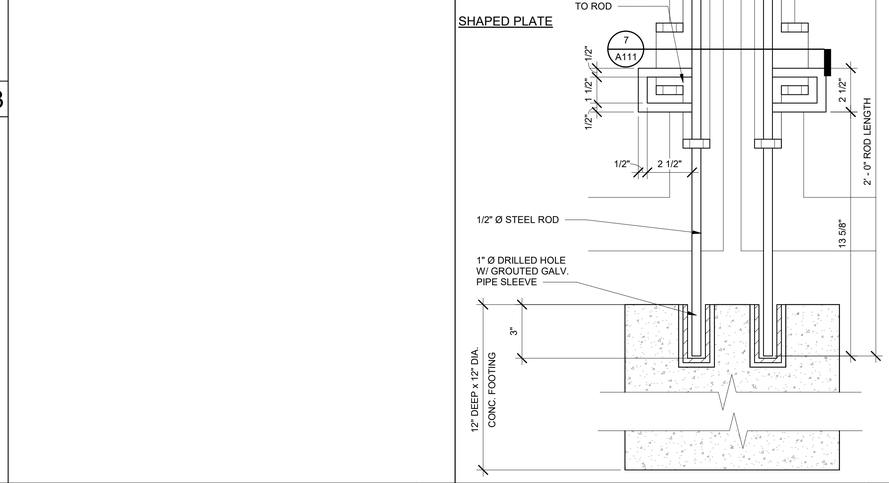
CONCRETE WALK, TYP. — 3" = 1'-0" — 13

NOTE:
SCORE WALK @ 5'-0" O.C., MAX. PROVIDE EXPANSION JOINTS @ 30'-0" O.C., MAX.

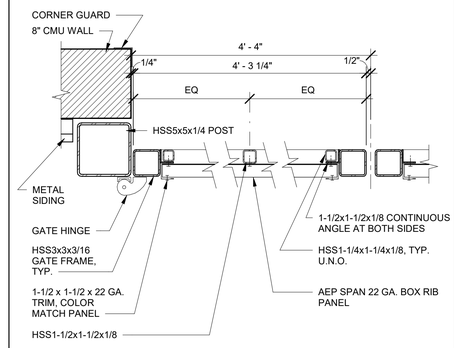


REFER TO GEOTECH REPORT FOR SUBGRADE PREPARATION

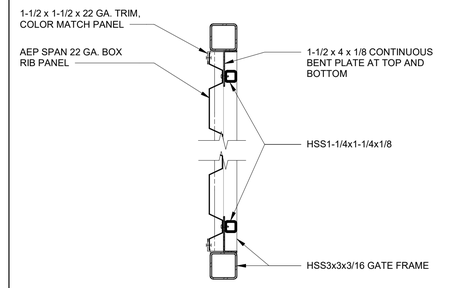
CONCRETE CURB/GUTTER/WALK — 1" = 1'-0" — 14



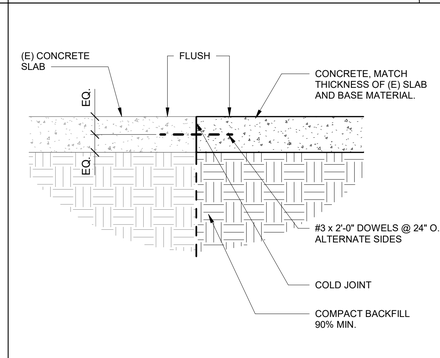
GATE DROP BAR ELEVATION — 3" = 1'-0" — 6



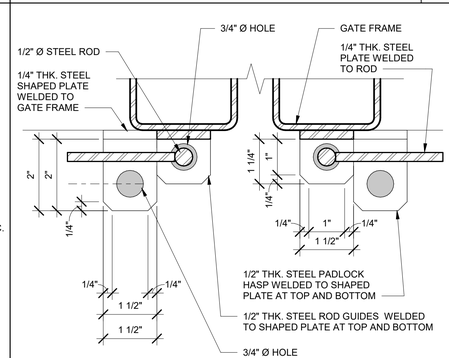
GATE HORIZONTAL SECTION — 1 1/2" = 1'-0" — 1



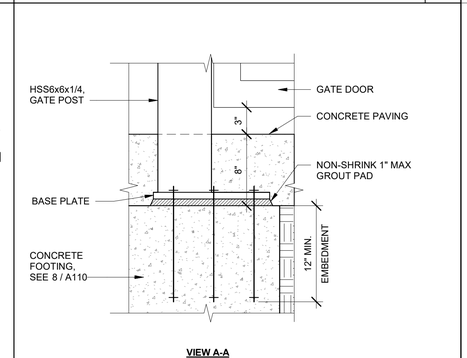
GATE VERTICAL SECTION — 1 1/2" = 1'-0" — 2



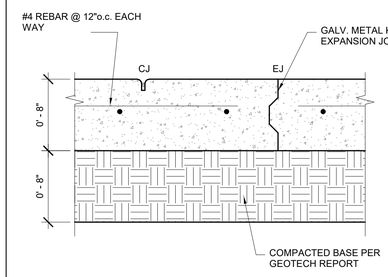
(N) TO (E) CONC. SLAB — 1 1/2" = 1'-0" — 11



GATE DROP BAR SECTION — 6" = 1'-0" — 7

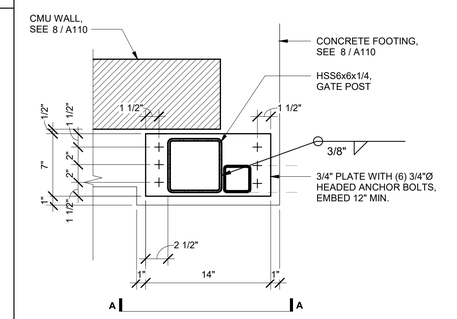


VIEW A-A



SEE SITE PLAN FOR JOINT PATTERN

CONCRETE SLAB — 1 1/2" = 1'-0" — 12



GATE BASE PLATE — 1 1/2" = 1'-0" — 4

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C 31644 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
SITE DETAILS

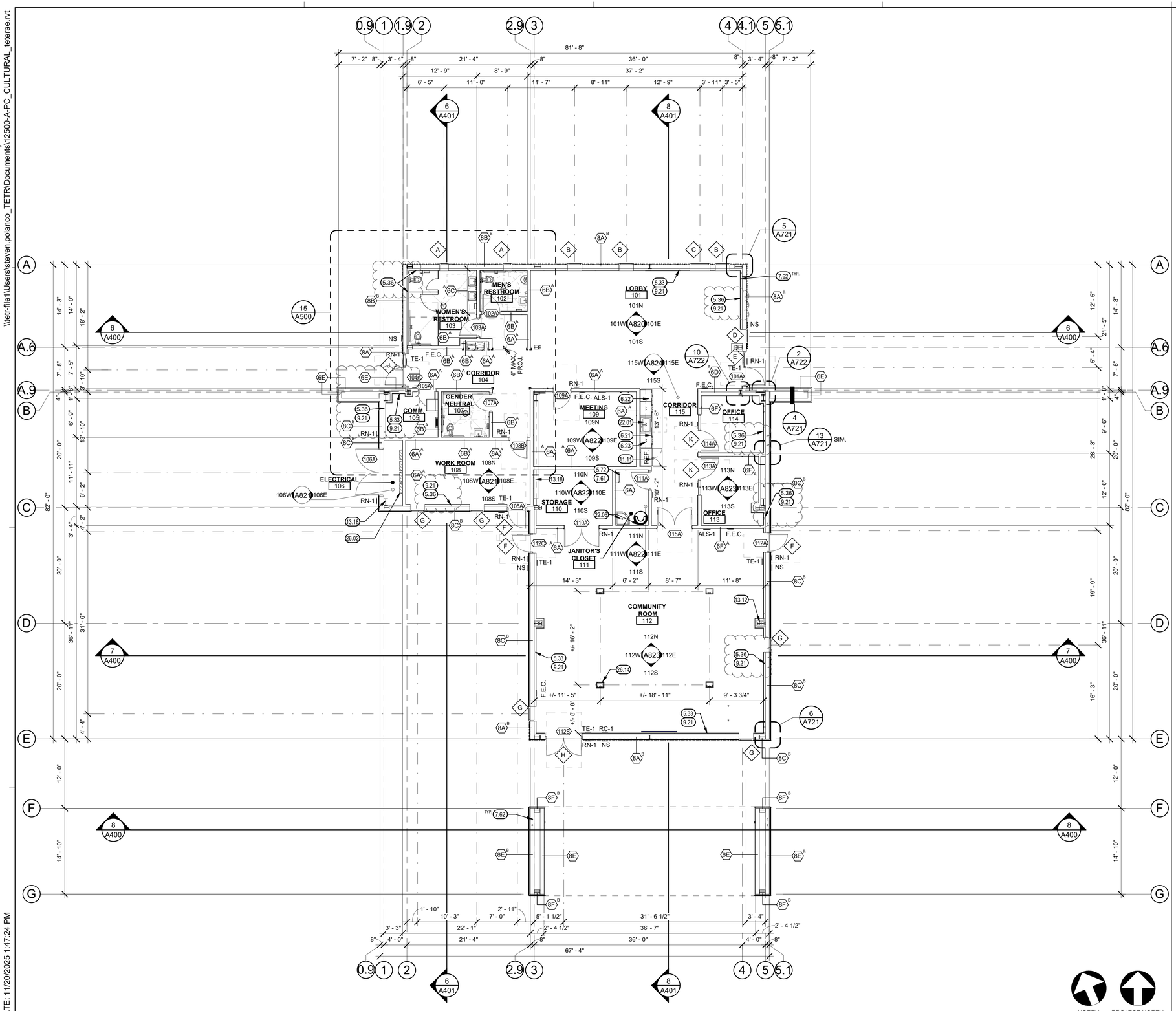
PROJECT NO.
12500

DRAWING
A111

PLOT DATE: 11/20/2025 1:47:15 PM

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



KEYNOTES (30.00)

5.33	3 5/8" METAL STUDS @ 16" o.c. ALONG INTERIOR PERIMETER OF BUILDING, TYP.
5.36	6" METAL STUDS @ 16" o.c. AT INTERIOR SIDE OF WALL TO ACCOMMODATE PROPOSED ROOF AND OVERFLOW DRAINS, SEE PLUMBING
5.72	LADDER TO MECHANICAL ACCESS THROUGH CEILING, SEE 10 / A730
6.21	PLASTIC LAMINATE BASE CABINET, TYP., SEE INTERIOR ELEVATIONS
6.22	PLASTIC LAMINATE COUNTER TOP, TYP., SEE INTERIOR ELEVATIONS
6.23	PLASTIC LAMINATE UPPER CABINET, TYP., SEE INTERIOR ELEVATIONS
7.61	ROOF ACCESS HATCH, SEE 2 / A730
7.62	ROOF DRAIN AND OVERFLOW, TYP., SEE PLUMBING
9.21	5/8" TYPE "X" GYPSUM BOARD, TYP., SEE INTERIOR FINISH SCHEUDLE.
11.11	REFRIGERATOR (O.F.O.I.)
13.12	METAL BUILDING COLUMN, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.18	METAL BUILDING PORTAL FRAME, TYP.
22.01	ACCESSIBLE PLUMBING FIXTURE, TYP., SEE PLUMBING
22.05	MOP SINK, SEE PLUMBING
22.06	WATER HEATER, SEE PLUMBING
26.02	ELECTRICAL PANEL, SEE ELECTRICAL
26.14	FLOORBOX,TYP. - SEE ELECTRICAL

LEGEND

- MINIMUM 30"X48" WHEELCHAIR CLEAR SPACE
- MINIMUM 60" DIAMETER WHEELCHAIR TURN AROUND SPACE
- TRD-U — WALL SIGNAGE, SEE 3 / A001 , 4 / A001 , AND 16 / A001
- 201A — DOOR REFERENCE SEE DOOR SCHEDULE ON SHEET A600
- X — WINDOW REFERENCE SEE WINDOW SCHEDULE ON SHEET A601
- F.E.C. 5A-40BC — FIRE EXTINGUISHER & CABINET, SEE 2 / A003
- X' — WALL HEIGHT, SEE 3 / A004
- # — WALL REFERENCE, SEE DRAWING A004

GENERAL NOTES

A. FOR TYPICAL ACCESSIBLE TOILET ROOM FIXTURE AND ACCESSORY MOUNTING HEIGHTS AND CLEARANCES, SEE 2 / A002

B. FOR TYPICAL CASEWORK ANCHORAGE , SEE 8 / A003

C. PROVIDE FIRE EXTINGUISHER: CLASS 2A: 10B:C MIN. PER NFPA 10, ONE FOR EVERY 3,000 S.F. OR PORTION THEREOF & TRAVEL DISTANCE NOT TO EXCEED 75'-0".

D. ALL DIMENSIONS TO FACE OF STUD, U.N.O., DIMENSIONS WITH "MIN.","CLR.", ARE MEASURED FROM FACE OF WALL FINISH.

E. TYP. INTERIOR WALL FINISH FOR STUD WALLS: 5/8" TYPE 'X' GYP. BD., WATER RESISTANT TYPE IN RESTROOMS WHERE LOCATED WITHIN 2'-0" OF THE FRONT AND/OR SIDES OF PLUMBING FIXT. GYP. BD. APPLICATION SHALL COMPLY w/ CBC SECTION 2508. GYP. BD. SHALL BE FASTENED TO SUPPORTS w/ SCREWS.

F. ACOUSTICAL INSULATION: ALL INTERIOR STUD WALLS OF THE FOLLOWING SPACES SHALL BE INSULATED w/ ACOUSTICAL INSULATION:

   a. FOR ACOUSTICAL WALL DETAIL, SEE 19 / A003

   b. ALL WALLS & CEILING OF: PRIVATE OFFICES, ELECTRICAL/ COMM. ROOMS, TOILET ROOMS, COMMUNITY ROOM

G. FOR ACCESSIBLE DOOR MANEUVERING CLEARANCES, SEE 13 / A002

H. FOR ACCESSIBLE SINK KNEE/TOE SPACE, SEE 3 / A002

I. FOR ACCESSIBLE WORK COUNTER KNEE/TOE SPACE, SEE 4 / A002

J. ALL FLOOR SUBSTRATES ARE TO BE CLEANED, PATCHED, REPAIRED, LEVELED, AND PREPARED AS REQUIRED BY FLOORING FINISH MANUFACTURER RECOMMENDATIONS FOR FLOORING FINISH SYSTEM SCHEDULED.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC: A
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 38647 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
FLOOR PLAN

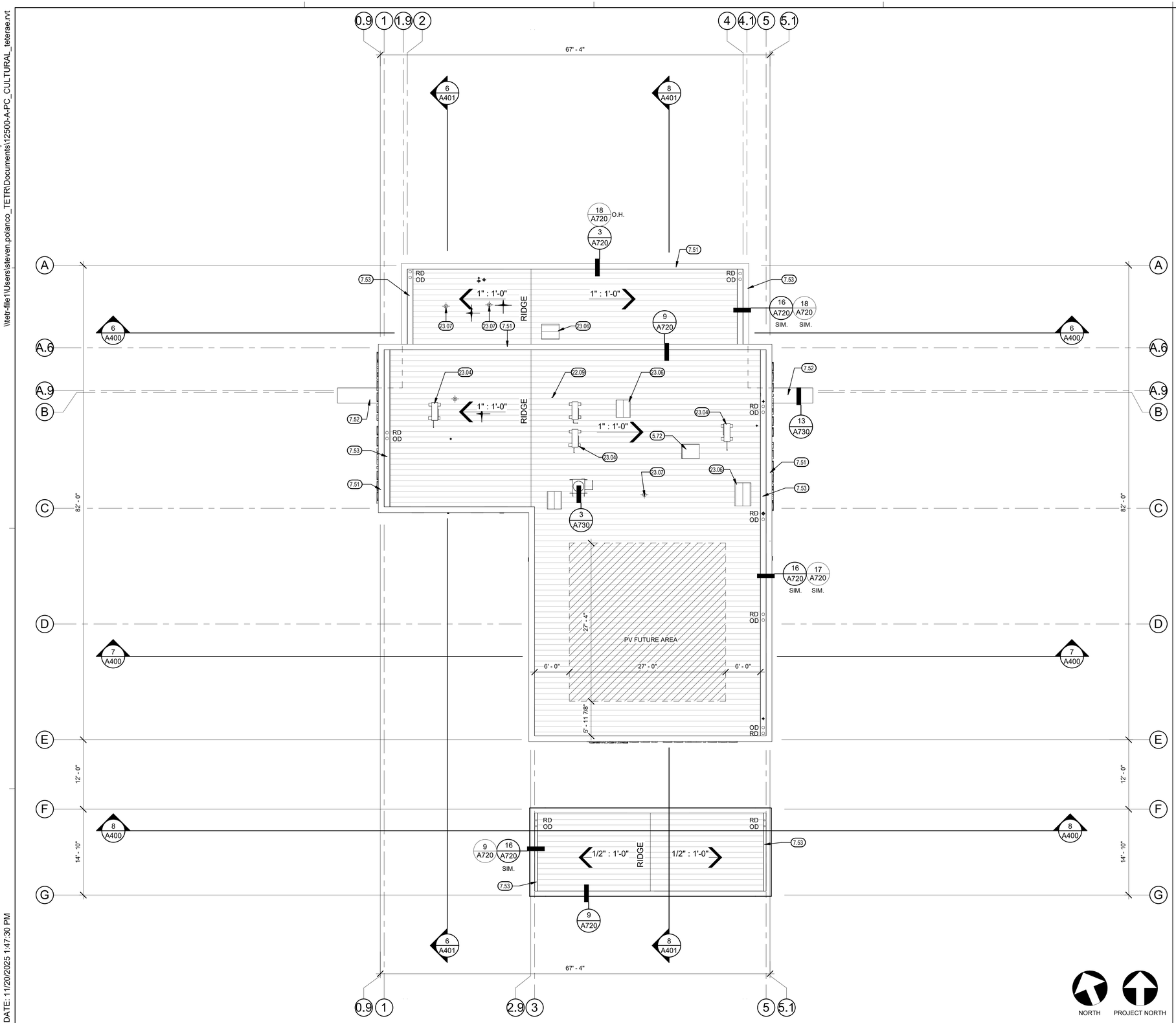
PROJECT NO.
12500

DRAWING
A200

PLOT DATE: 11/20/2025 1:47:24 PM

FLOOR PLAN

1/8" = 1'-0"



KEYNOTES (30.00)

5.72	LADDER TO MECHANICAL ACCESS THROUGH CEILING, SEE 2 / A730
7.51	SHEET METAL COPING, TYP.
7.52	CUSTOM BRAKE METAL COPING
7.53	24 GA. GALV. SHEET METAL GUTTER W/ 3" INTERNAL DOWNSPOUT, TYP. - SEE PLUMBING
22.09	ROOF MOUNTED HOSE BIBB, SEE PLUMBING
23.04	MECHANICAL EQUIPMENT, TYP., SEE MECHANICAL
23.06	VENT, TYP., SEE MECHANICAL
23.07	MECHANICAL DUCT THOUGH ROOF, SEE MECHANICAL

LEGEND

RD OD — ROOF DRAIN / OVER FLOW DRAIN, SEE 16 / A720 AND PLUMBING DRAWINGS.

PBR ROOF KYNAR COATED O/ THERMAL OFFSETS TO GIRTS

INDICATES DOWNWARD DIRECTION OF ROOF SLOPE MIN. SLOPE IN ANY DIRECTION SHALL NOT BE LESS THAN 1/4" :12"

SOLAR READY CALCULATIONS

PER CEC SECTION 110.10, MANDATORY SOLAR READY BUILDING REQUIREMENTS:

A. CEC SECTION 110.10(B)1: MINIMUM INDIVIDUAL AREA SHALL BE 160 SF.

B. CEC SECTION 110.10(B)1: MINIMUM TOTAL AREA SHALL BE 15 PERCENT OF THE TOTAL ROOF AREA.

C. REQUIRED ROOF AREA: 4,002 SF X 0.15 = 600 SF

D. ACTUAL SOLAR READY AREA PROVIDED: 738 SF

GENERAL NOTES

A. FOR TYPICAL PIPE THROUGH ROOF PENETRATIONS, SEE 7 / A730 & 8 / A730

B. PROVIDE SEPARATE DRAIN LINES FOR ROOF DRAINS AND OVERFLOW DRAINS. PROVIDE ALL HANGERS + SUPPORTS FOR PIPE AS REQUIRED BE CODE.

C. FOR TYPICAL ROOF CLEARANCES, SEE 4 / A730

D. FOR EXHAUST FAN OPENING THROUGH ROOF, SEE 15 / A730

ROOF PLAN

1/8" = 1'-0" | 8

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 38640 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

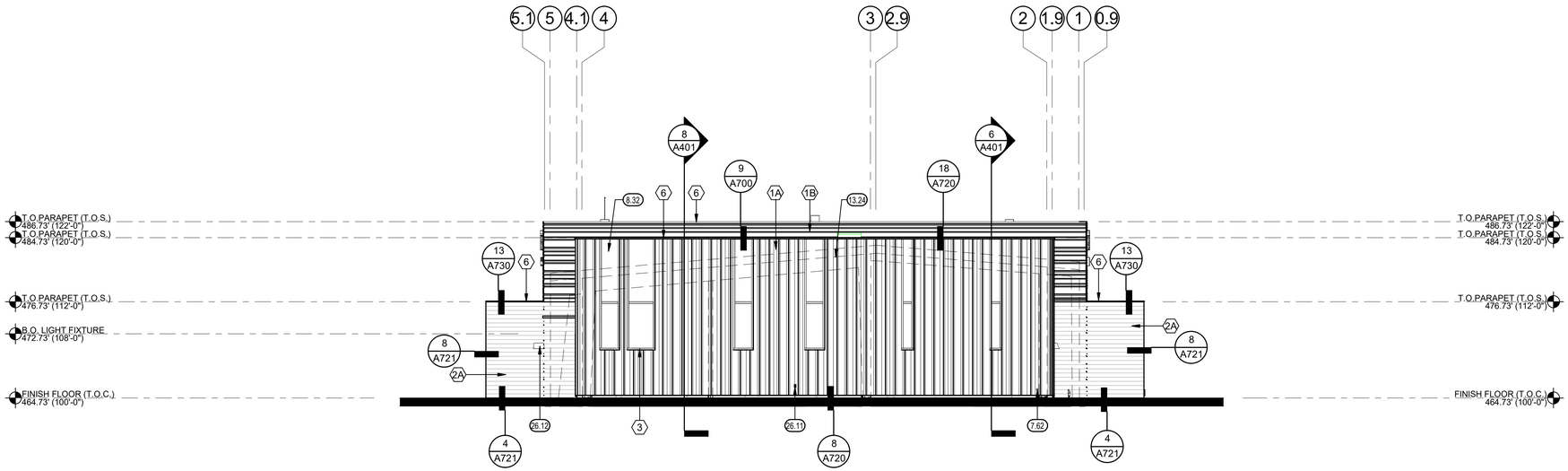
DRAWING TITLE
ROOF PLAN

PROJECT NO.
12500

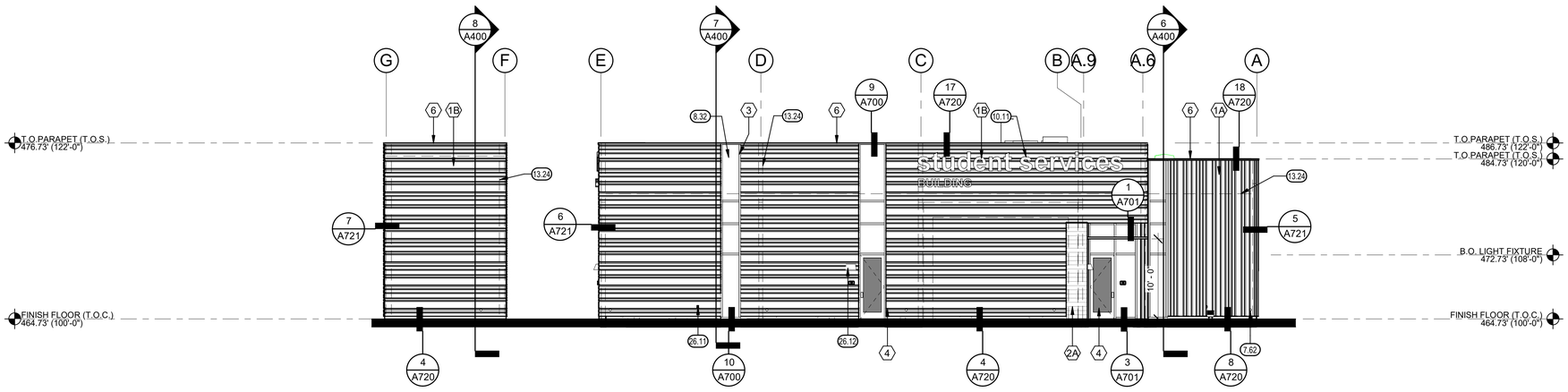
DRAWING
A210

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

PLOT DATE: 11/20/2025 1:47:30 PM



NORTH ELEVATION — 1/8" = 1'-0" | 6



EAST ELEVATION — 1/8" = 1'-0" | 8

KEYNOTES (30.00)

7.62	ROOF DRAIN AND OVERFLOW, TYP., SEE PLUMBING
8.32	WINDOW, TYP. - SEE WINDOW SCHEDULE
10.11	DIMENSIONAL LETTER CHARACTER SIGNAGE
13.24	METAL BUILDING FRAME OUTLINE, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
26.11	RECEPTACLE, TYP. - SEE ELECTRICAL
26.12	LIGHT FIXTURE, TYP. - SEE ELECTRICAL

EXTERIOR FINISH SCHEDULE

MARK	MATERIAL	MFR. (BASIS OF DESIGN)	FINISH	COLOR
1A	METAL WALL PANEL, VERTICAL	AEP SPAN PERCEPTION SERIES	FACTORY FINISH	REGAL WHITE
1B	METAL WALL PANEL, HORIZONTAL	AEP SPAN PERCEPTION SERIES	FACTORY FINISH	ZACTIQUE II
2A	COMPOSITE WOOD CLADDING, HORIZONTAL	FIBERON, WILDWOOD	FACTORY FINISH	IPE
3	ALUMINUM WINDOW FRAME	KYNAR,	FACTORY FINISH	WEB GRAY - 7075
4	STOREFRONT DOORS AND FRAMES	KYNAR,	FACTORY FINISH	WEB GRAY - 7075
5	HOLLOW METAL DOORS AND FRAMES	SHERWIN WILLIAMS (PAINT)	PAINT	WEB GRAY - 7075
6	COPING	KYNAR,	FACTORY FINISH	WEB GRAY - 7075

NOTE: FINAL COLOR SELECTIONS TO BE MADE BY ARCHITECT.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31644 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

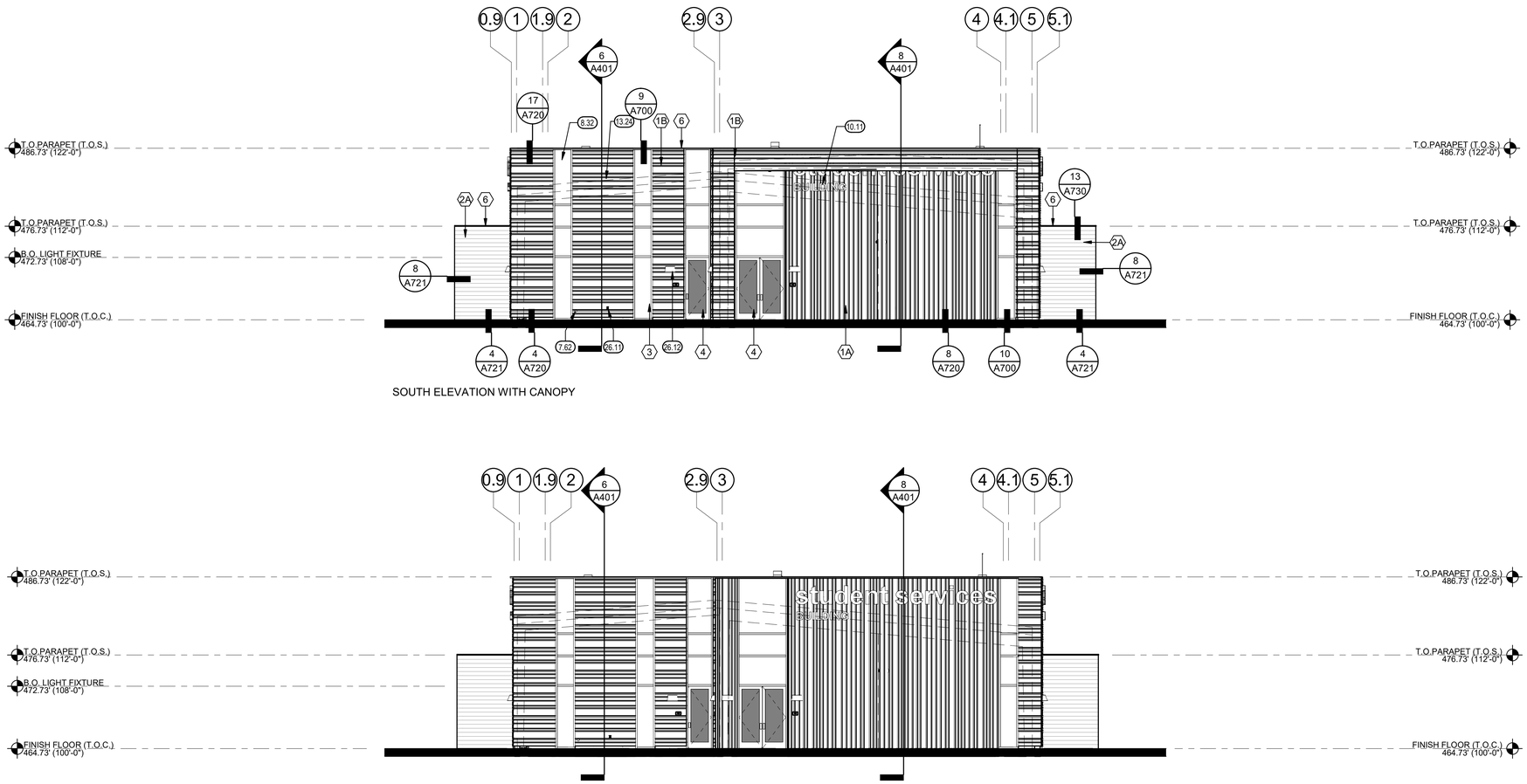
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
EXTERIOR ELEVATIONS

PROJECT NO.
12500

DRAWING
A300

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt
PLOT DATE: 11/20/2025 1:47:47 PM

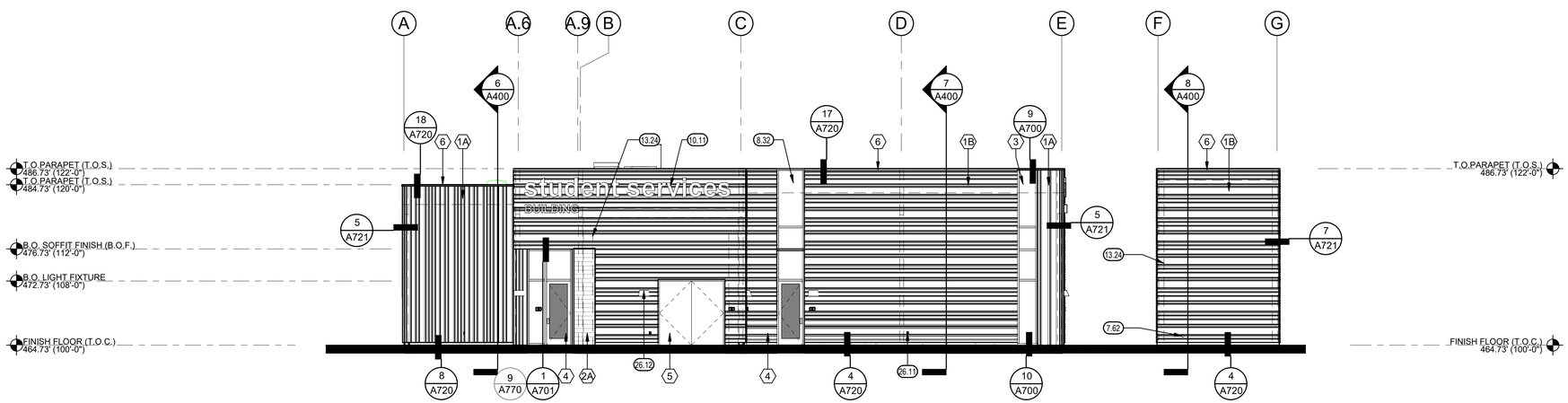


SOUTH ELEVATION WITH CANOPY

SOUTH ELEVATION WITHOUT CANOPY

SOUTH ELEVATION

1/8" = 1'-0" | 6



WEST ELEVATION

1/8" = 1'-0" | 8

KEYNOTES (00.00)

7.62	ROOF DRAIN AND OVERFLOW, TYP., SEE PLUMBING
8.32	WINDOW, TYP. - SEE WINDOW SCHEDULE
10.11	DIMENSIONAL LETTER CHARACTER SIGNAGE
13.24	METAL BUILDING FRAME OUTLINE, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
26.11	RECEPTACLE, TYP. - SEE ELECTRICAL
26.12	LIGHT FIXTURE, TYP. - SEE ELECTRICAL

EXTERIOR FINISH SCHEDULE

MARK	MATERIAL	MFR. (BASIS OF DESIGN)	FINISH	COLOR
1A	METAL WALL PANEL, VERTICAL	AEP SPAN PERCEPTION SERIES	FACTORY FINISH	REGAL WHITE
1B	METAL WALL PANEL, HORIZONTAL	AEP SPAN PERCEPTION SERIES	FACTORY FINISH	ZACTIQUE II
2A	COMPOSITE WOOD CLADDING, HORIZONTAL	FIBERON, WILDWOOD	FACTORY FINISH	IPE
3	ALUMINUM WINDOW FRAME	KYNAR,	FACTORY FINISH	WEB GRAY - 7075
4	STOREFRONT DOORS AND FRAMES	KYNAR,	FACTORY FINISH	WEB GRAY - 7075
5	HOLLOW METAL DOORS AND FRAMES	SHERWIN WILLIAMS (PAINT)	PAINT	WEB GRAY - 7075
6	COPING	KYNAR,	FACTORY FINISH	WEB GRAY - 7075

NOTE: FINAL COLOR SELECTIONS TO BE MADE BY ARCHITECT.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc., expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT ★ STEVEN M. POLANCO ★ C. 31644 ★ STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

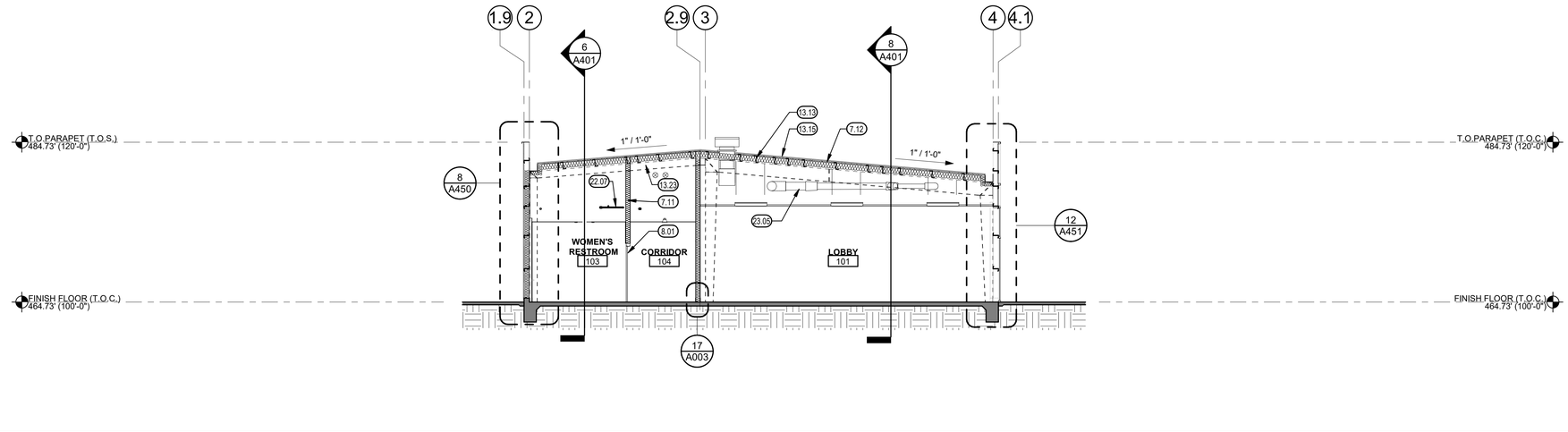
DRAWING TITLE
EXTERIOR ELEVATIONS

PROJECT NO.
12500

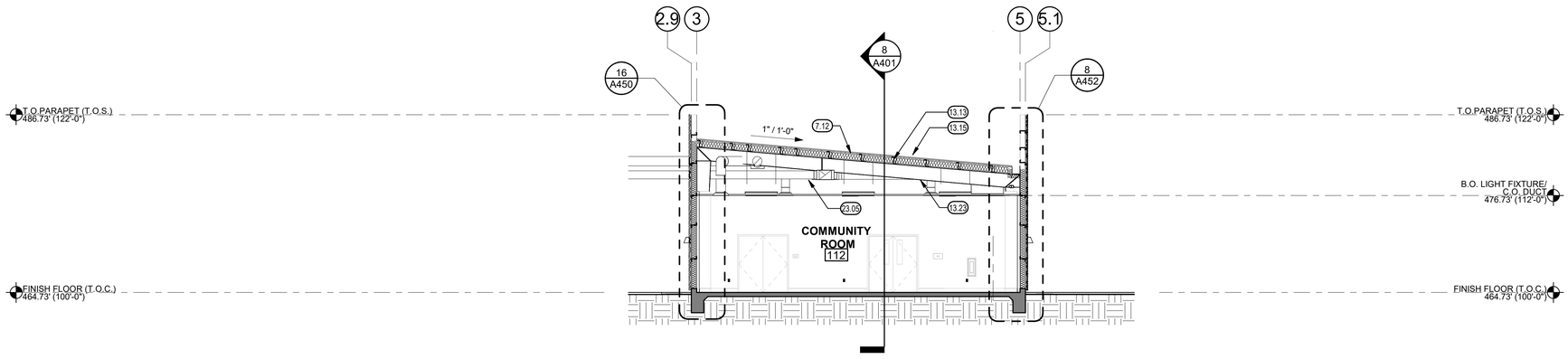
DRAWING
A301

PLOT DATE: 11/20/2025 1:48:08 PM

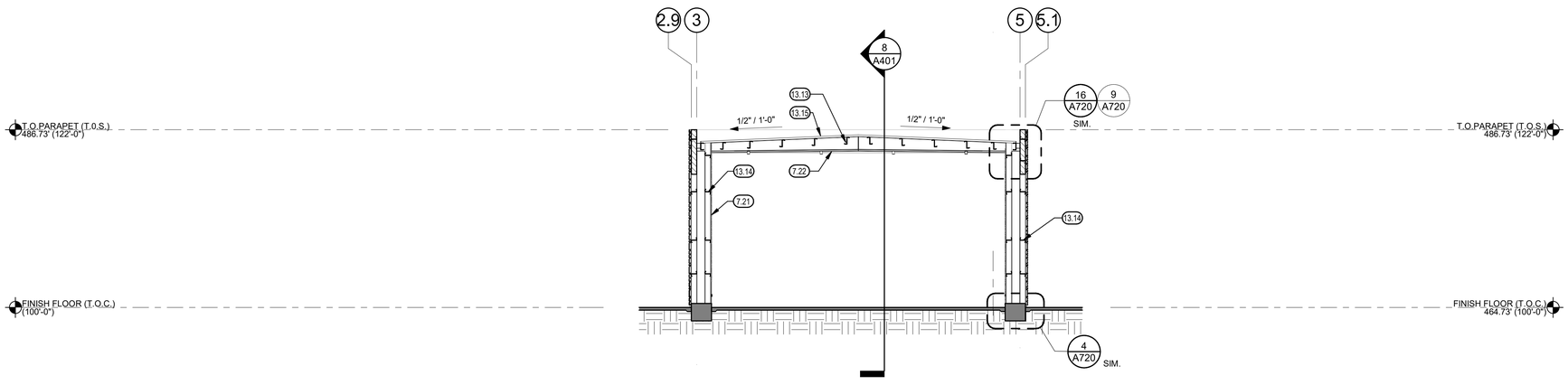
\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



SECTION 1/8" = 1'-0" 6



SECTION 1/8" = 1'-0" 7



SECTION 1/8" = 1'-0" 8

KEYNOTES (00.00)

7.11	BATT INSULATION BETWEEN FRAMING MEMBERS, TYP.
7.12	FACED INSULATION, TYP.
7.21	METAL WALL PANEL, TYP., SEE EXTERIOR ELEVATIONS
7.22	METAL SOFFIT PANEL, TYP., SEE REFLECTED CEILING PLAN
8.01	DOOR AND FRAME AS SCHEDULED, TYP.
13.13	METAL BUILDING PURLIN, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.14	METAL BUILDING GIRT, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.15	METAL BUILDING ROOF PANELS, TYP.
13.23	BUILDING FRAME RAFTER, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
22.07	EXPOSED PLUMBING LINES, SEE PLUMBING
23.05	DUCT, TYP., SEE MECHANICAL

13 / A111

GENERAL NOTES

A. SEE PRE-ENGINEERED METAL BUILDING PLANS FOR TOP OF STEEL ELEVATION (T.O.S.).

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31644 STATE OF CALIFORNIA

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED
TETER

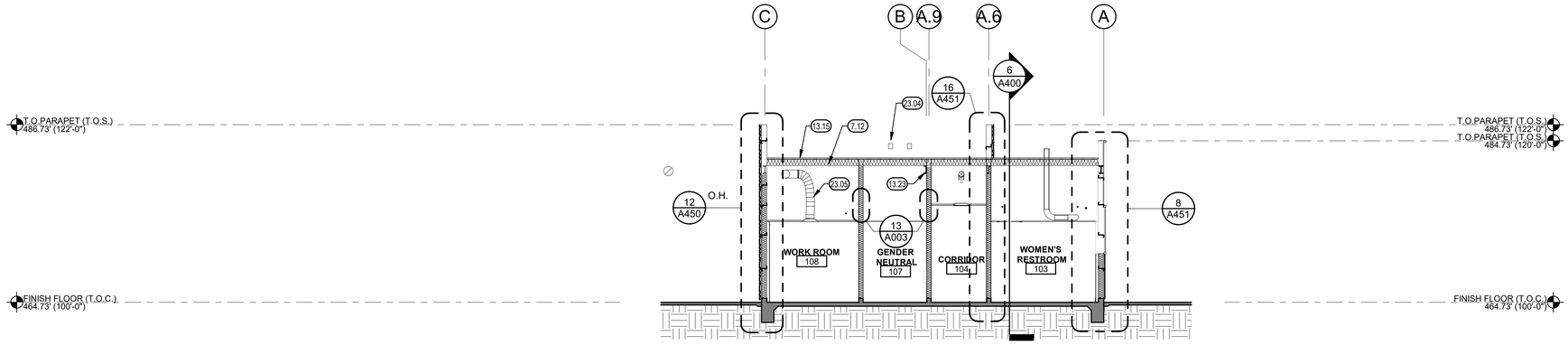
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
BUILDING SECTIONS

PROJECT NO.
12500

DRAWING
A400

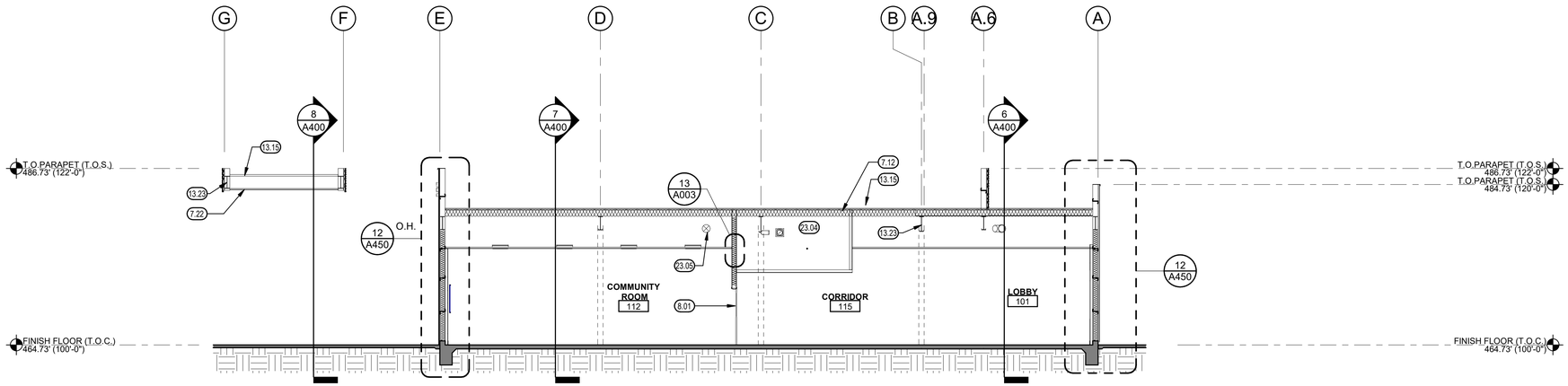
\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt
PLOT DATE: 11/20/2025 1:48:13 PM



SECTION 1/8" = 1'-0" 6

KEYNOTES (00.00)

7.12	FACED INSULATION, TYP.
7.22	METAL SOFFIT PANEL, TYP., SEE REFLECTED CEILING PLAN
8.01	DOOR AND FRAME AS SCHEDULED, TYP.
13.15	METAL BUILDING ROOF PANELS, TYP.
13.23	BUILDING FRAME RAFTER, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
23.04	MECHANICAL EQUIPMENT, TYP., SEE MECHANICAL
23.05	DUCT, TYP., SEE MECHANICAL



SECTION 1/8" = 1'-0" 8

GENERAL NOTES

A. SEE PRE-ENGINEERED METAL BUILDING PLANS FOR TOP OF STEEL ELEVATION (T.O.S.).

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31644 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
BUILDING SECTIONS

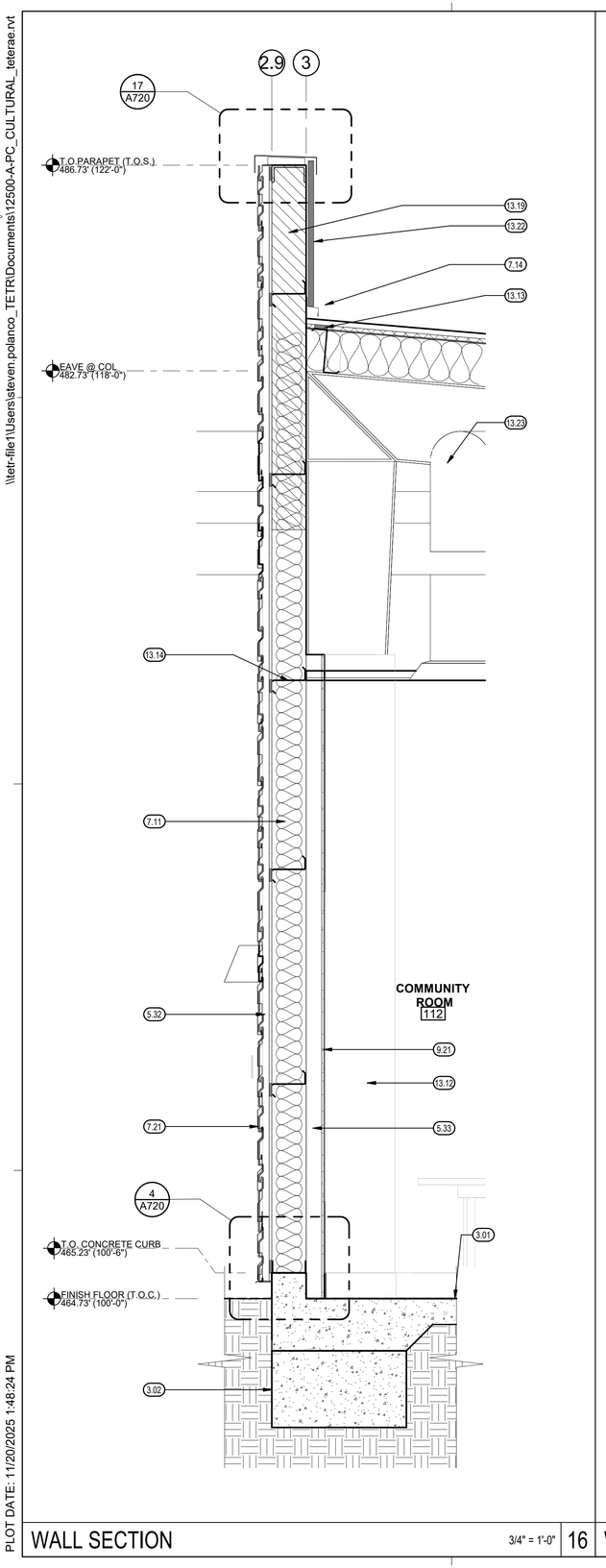
PROJECT NO.
12500

DRAWING
A401

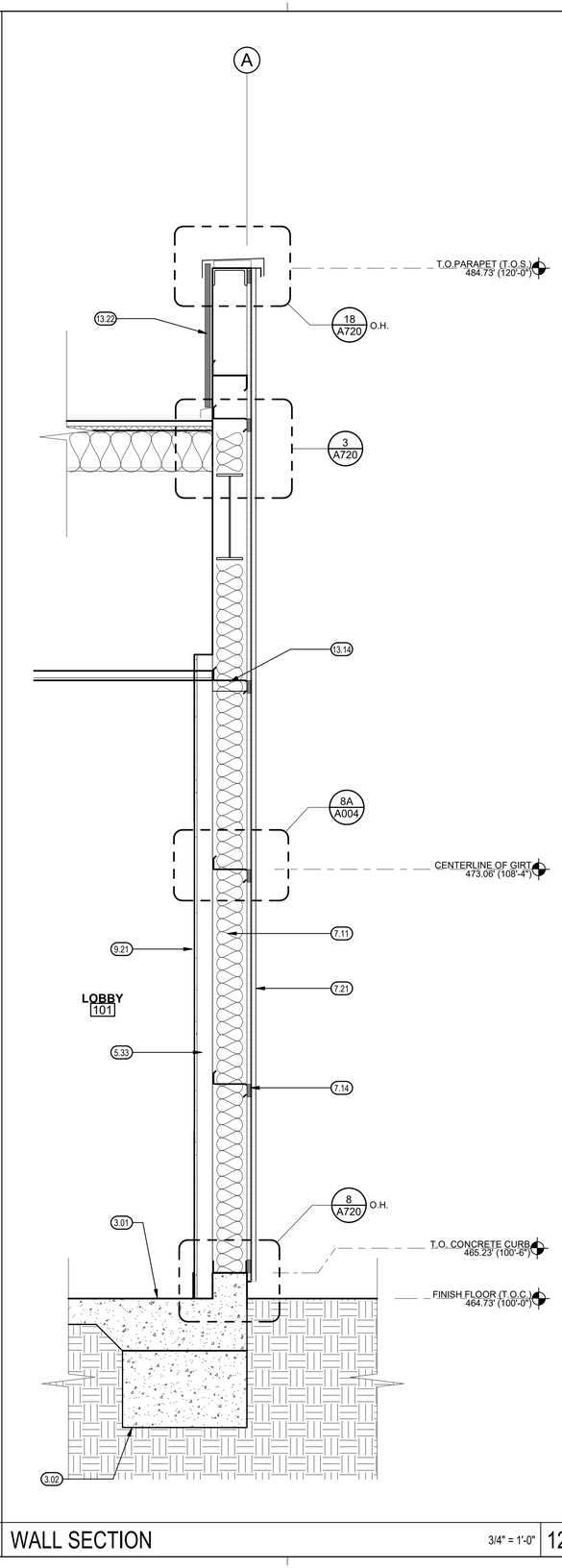
PLOT DATE: 11/20/2025 1:48:18 PM

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

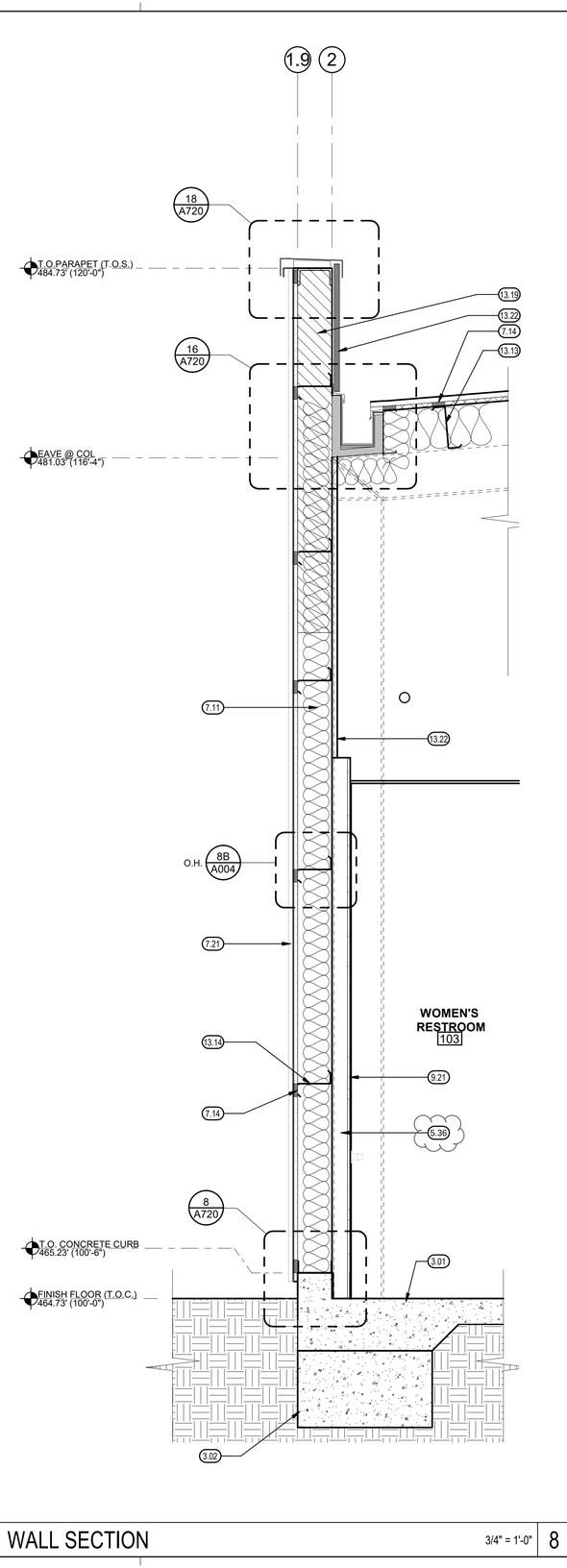
\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



WALL SECTION 3/4" = 1'-0" 16



WALL SECTION 3/4" = 1'-0" 12



WALL SECTION 3/4" = 1'-0" 8

KEYNOTES 00.00

3.01	CONCRETE SLAB, TYP., SEE STRUCTURAL
3.02	CONCRETE FOOTING, TYP., SEE STRUCTURAL
5.32	1 1/2" HAT CHANNEL, VERTICAL @ 16" o.c., TYP.
5.33	3 5/8" METAL STUDS @ 16" o.c. ALONG INTERIOR PERIMETER OF BUILDING, TYP.
5.36	6" METAL STUDS @ 16" o.c. AT INTERIOR SIDE OF WALL TO ACCOMMODATE PROPOSED ROOF AND OVERFLOW DRAINS, SEE PLUMBING
7.11	BATT INSULATION BETWEEN FRAMING MEMBERS, TYP.
7.14	1"X3" THERMAL BLOCK SPACER, TYP.
7.21	METAL WALL PANEL, TYP., SEE EXTERIOR ELEVATIONS
9.21	5/8" TYPE "X" GYPSUM BOARD, TYP., SEE INTERIOR FINISH SCHEUDLE
13.12	METAL BUILDING COLUMN, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.13	METAL BUILDING PURLIN, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.14	METAL BUILDING GIRT, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.19	METAL BUILDING PARAPET BEAM, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.22	LINER PANEL, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.23	BUILDING FRAME RAFTER, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31644 STATE OF CALIFORNIA

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED
TETER

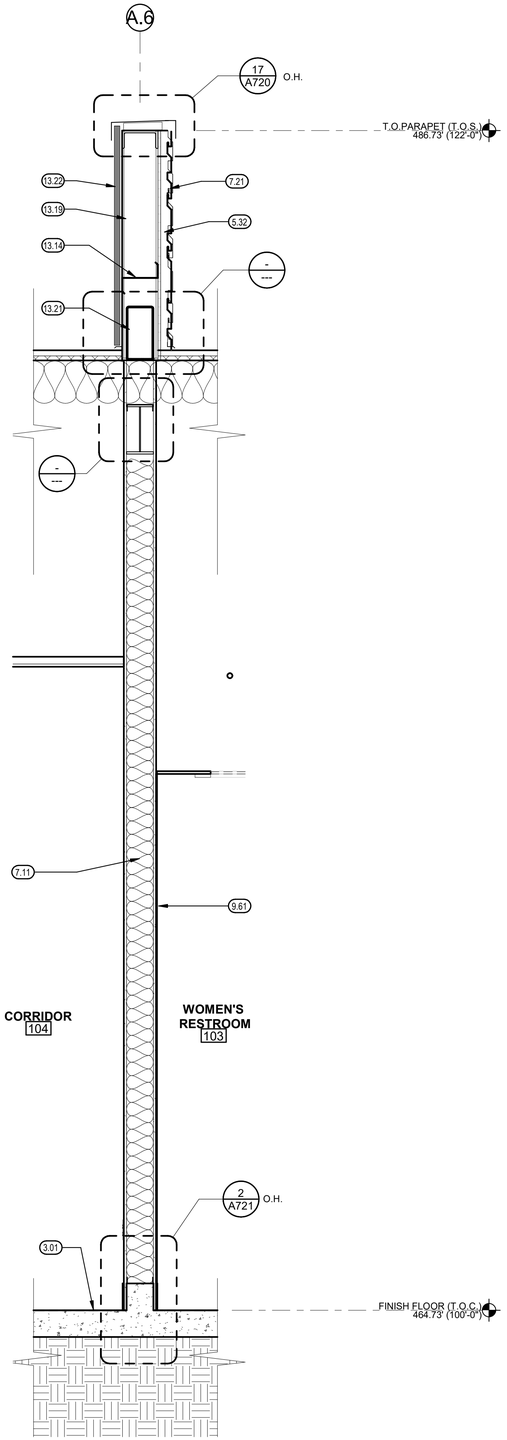
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
WALL SECTIONS

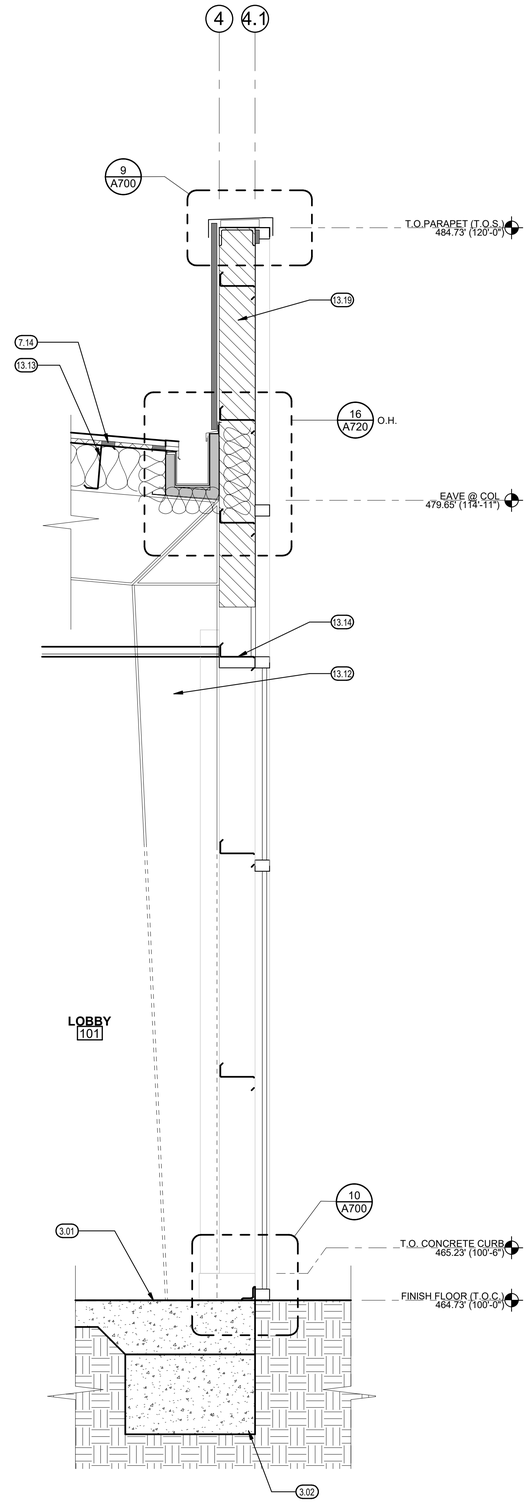
PROJECT NO.
12500

DRAWING
A450

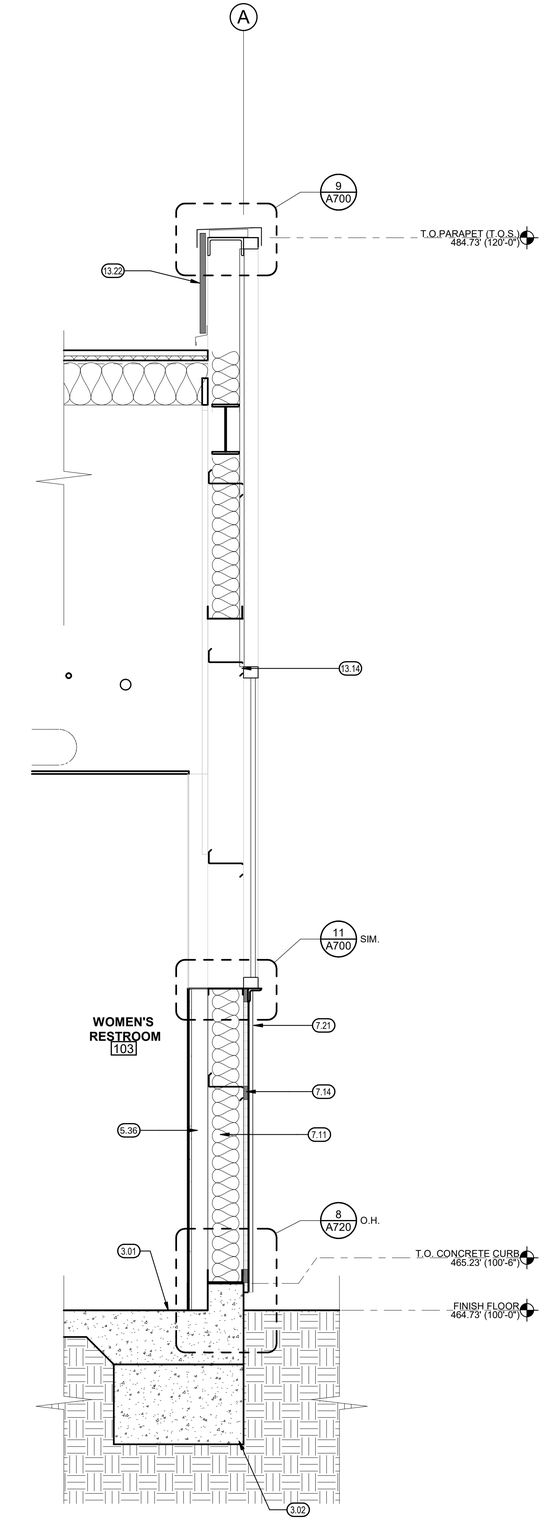
PLOT DATE: 11/20/2025 1:48:24 PM



WALL SECTION 3/4" = 1'-0" 16



WALL SECTION 3/4" = 1'-0" 12



WALL SECTION 3/4" = 1'-0" 8

KEYNOTES 00.00

3.01	CONCRETE SLAB, TYP., SEE STRUCTURAL
3.02	CONCRETE FOOTING, TYP., SEE STRUCTURAL
5.32	1 1/2" HAT CHANNEL, VERTICAL @ 16" o.c., TYP.
5.33	3 5/8" METAL STUDS @ 16" o.c. ALONG INTERIOR PERIMETER OF BUILDING, TYP.
5.36	6" METAL STUDS @ 16" o.c. AT INTERIOR SIDE OF WALL TO ACCOMMODATE PROPOSED ROOF AND OVERFLOW DRAINS, SEE PLUMBING
7.11	BATT INSULATION BETWEEN FRAMING MEMBERS, TYP.
7.14	1"X3" THERMAL BLOCK SPACER, TYP.
7.21	METAL WALL PANEL, TYP., SEE EXTERIOR ELEVATIONS
9.61	8" HIGH FRP PANEL OVER GYPSUM BOARD, TYP., SEE INTERIOR FINISH SCHEUDLE.
13.12	METAL BUILDING COLUMN, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.13	METAL BUILDING PURLIN, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.14	METAL BUILDING GIRT, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.19	METAL BUILDING PARAPET BEAM, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.21	METAL BUILDING PARAPET SUPPORT BEAM, SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.22	LINER PANEL, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT ★ STEVEN M. POLANCO ★ C. 31644 ★ STATE OF CALIFORNIA

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED
TETER

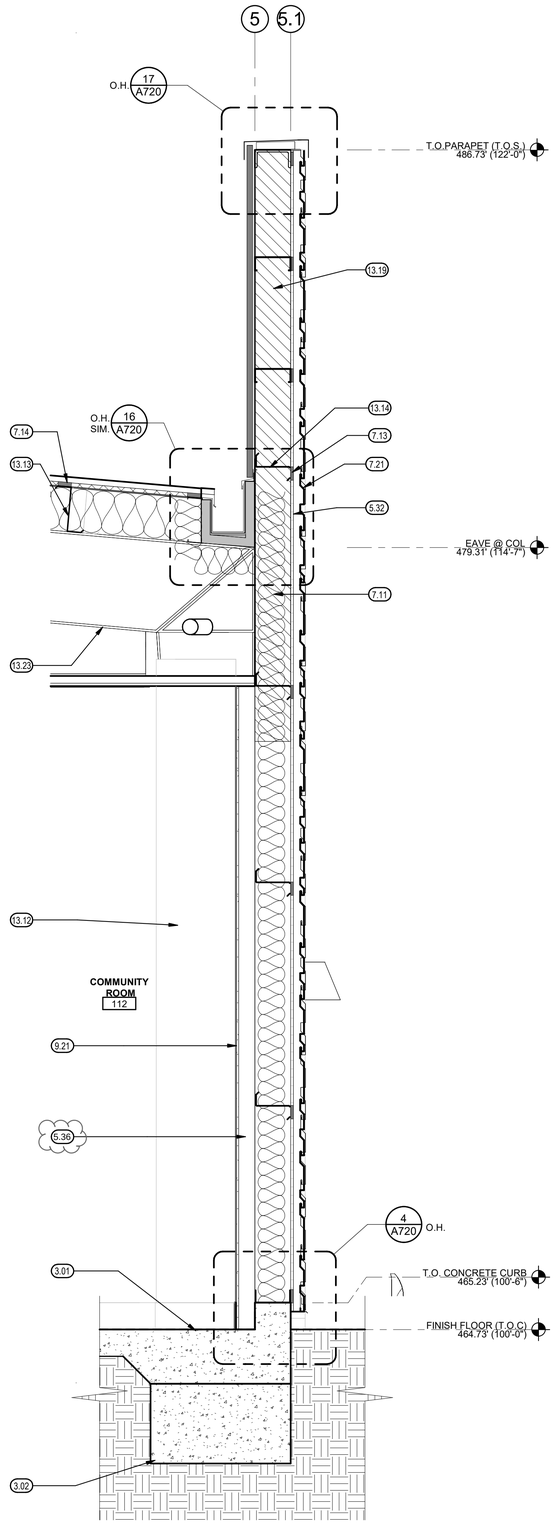
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
WALL SECTIONS

PROJECT NO.
12500

DRAWING
A451

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt
PLOT DATE: 11/20/2025 1:48:30 PM



WALL SECTION 3/4" = 1'-0" 8

KEYNOTES 00.00

3.01	CONCRETE SLAB, TYP., SEE STRUCTURAL
3.02	CONCRETE FOOTING, TYP., SEE STRUCTURAL
5.32	1 1/2" HAT CHANNEL, VERTICAL @ 16" o.c., TYP.
5.33	3 5/8" METAL STUDS @ 16" o.c. ALONG INTERIOR PERIMETER OF BUILDING, TYP.
5.36	6" METAL STUDS @ 16" o.c. AT INTERIOR SIDE OF WALL TO ACCOMMODATE PROPOSED ROOF AND OVERFLOW DRAINS, SEE PLUMBING
7.11	BATT INSULATION BETWEEN FRAMING MEMBERS, TYP.
7.13	1/4" THICK SELF-ADHERED NEOPRENE SHIM, TYP.
7.14	1"X3" THERMAL BLOCK SPACER, TYP.
7.21	METAL WALL PANEL, TYP., SEE EXTERIOR ELEVATIONS
9.21	5/8" TYPE "X" GYPSUM BOARD, TYP., SEE INTERIOR FINISH SCHEUDLE.
13.12	METAL BUILDING COLUMN, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.13	METAL BUILDING PURLIN, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.14	METAL BUILDING GIRT, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.19	METAL BUILDING PARAPET BEAM, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.23	BUILDING FRAME RAFTER, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31644 STATE OF CALIFORNIA

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED
TETER

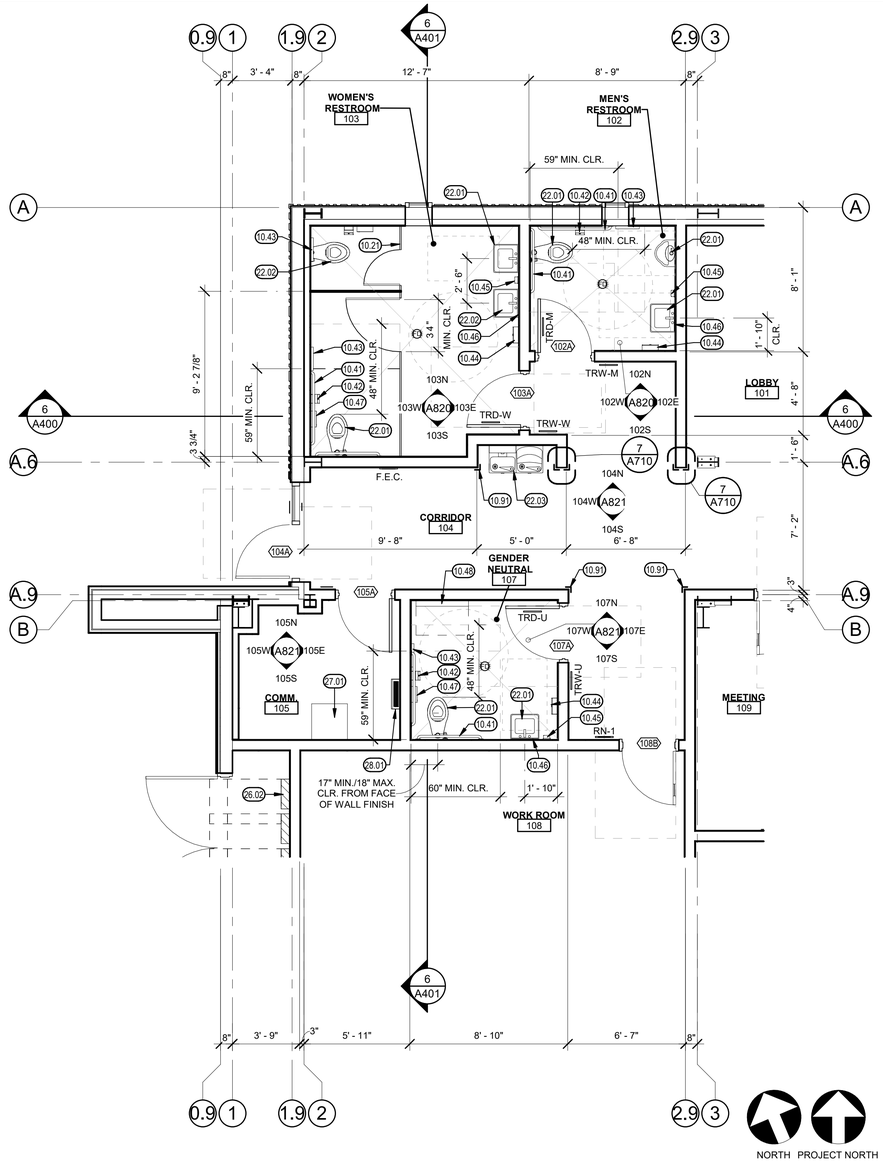
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
WALL SECTIONS

PROJECT NO.
12500

DRAWING
A452

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt
PLOT DATE: 11/20/2025 1:48:34 PM



ENLARGED FLOOR PLAN - RESTROOMS 1/4" = 1'-0" 15

KEYNOTES (00.00)

10.21	TOILET COMPARTMENT, TYP., SEE 10 / A003
10.41	GRAB BAR, TYP., SEE 15 / A003
10.42	TOILET PAPER DISPENSER, TYP.
10.43	SEAT COVER DISPENSER, TYP.
10.44	PAPER TOWEL DISPENSER, TYP.
10.45	SOAP DISPENSER, WALL MOUNTED, TYP.
10.46	MIRROR, TYP., SEE 6 / A003
10.47	SANITARY NAPKIN WASTE RECEPTACLE, TYP.
10.48	DIAPER CHANGING STATION, TYP., SEE 12 / A002
10.91	CORNER GUARD, TYP., SEE 7 / A710
22.01	ACCESSIBLE PLUMBING FIXTURE, TYP., SEE PLUMBING
22.02	PLUMBING FIXTURE, TYP., SEE PLUMBING
22.03	HIGH-LOW DRINKING FOUNTAIN, SEE PLUMBING, AND 8 / A002
26.02	ELECTRICAL PANEL, SEE ELECTRICAL
27.01	INTERMEDIATE DISTRIBUTION FRAME (IDF) EQUIPMENT ENCLOSURE, SEE ELECTRICAL
28.01	FIRE ALARM CONTROL PANEL, SEE ELECTRICAL

LEGEND

- MINIMUM 30"X48" WHEELCHAIR CLEAR SPACE
- MINIMUM 60" DIAMETER WHEELCHAIR TURN AROUND SPACE
- TRD-U — WALL SIGNAGE, SEE 3 / A001, 4 / A001 & 16 / A001
- 201A — DOOR REFERENCE SEE DOOR SCHEDULE ON SHEET A600
- XX — WINDOW REFERENCE SEE WINDOW SCHEDULE ON SHEET A601
- F.E.C. — FIRE EXTINGUISHER & CABINET, SEE 2 / A003
- FD — FLOOR DRAIN 1/2" MAX. OPENINGS, SLOPE FLOOR TO DRAIN MAXIMUM 2% IN ANY DIRECTION, SEE PLUMBING.

GENERAL NOTES

A. FOR TYP. INFO. REGARDING ACCESSIBLE CLEARANCES, AND FIXTURE MOUNTING HEIGHTS, SEE 2 / A002

B. ALL DIMENSIONS TO FACE OF STUD, U.N.O.

C. DIMENSIONS WITH "MIN.","CLR.", OR "ABSOLUTE" IS MEASURED FROM FACE OF WALL FINISH.

D. FOR DOOR MANEUVERING CLEARANCES, SEE 13 / A002

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT WILLIAM M. POLANCO C. 31644 STATE OF CALIFORNIA

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
ENLARGED FLOOR PLANS

PROJECT NO.
12500

DRAWING
A500

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt
PLOT DATE: 11/20/2025 1:48:41 PM

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

ABBREVIATIONS

AL	ALUMINUM
F	FLUSH
FF	FACTORY FINISH
FG	FULL GLASS
G	GLASS (CLEAR)
HM	HOLLOW METAL
IG	1" INSULATED LOW-E GLASS (CLEAR)
ILTG	1" INSULATED LOW-E LAMINATED TEMPERED SAFETY GLASS (CLEAR)
KD	KNOCK-DOWN
LTG	LAMINATED TEMPERED SAFETY GLASS (CLEAR)
MP	METAL PANEL
N-1	NARROW VISION PANEL
P	PAINT
PL	PLASTIC LAMINATE
SC	SOLID CORE WOOD
SF	STOREFRONT, ALUMINUM
SSF	SAFETY AND SECURITY WINDOW FILM
ST	STAIN & SEAL
STL	STEEL
SS	STAINLESS STEEL
TG	TEMPERED GLASS
TIG	TEMPERED INSULATED GLASS
WD	WOOD

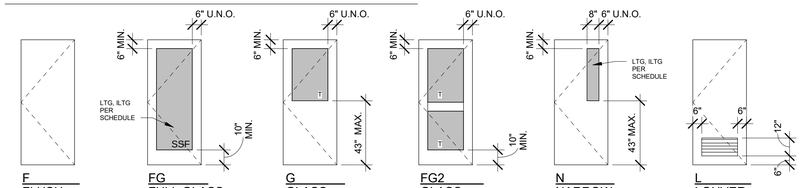
DOOR SCHEDULE

MARK	DOOR WIDTH	DOOR HEIGHT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME FINISH	ASSEMBLY FIRE RATING (MINUTES)	HARDWARE GROUP	GLAZING TYPE	DETAILS HEAD	DETAILS JAMB	DETAILS THRESHOLD	REMARKS
101A	3' - 0"	8' - 0"	FG	AL	FF	SF	FF		02	ILTG	1/A701	2/A701	4/A701	
102A	3' - 0"	7' - 0"	F	SC	FF	KD-1	FF		05	-	5/A710	6/A710	-	
103A	3' - 0"	7' - 0"	F	SC	FF	KD-1	FF		21	-	5/A710	6/A710	-	
104A	3' - 0"	8' - 0"	FG	AL	FF	SF	FF		02	ILTG	1/A701	2/A701	4/A701	
105A	3' - 0"	7' - 0"	L	HM	MP	HM-1	P		03	-	5/A700	6/A700	8/A700	
106A	8' - 0"	8' - 0"	F	HM	MP	HM-2	P		06	-	5/A700	6/A700	8/A700	
107A	3' - 0"	7' - 0"	F	SC	FF	KD-1	FF		05	-	5/A710	6/A710	-	
108A	3' - 0"	8' - 0"	FG	AL	FF	SF	FF		02	ILTG	13/A701	2/A701	4/A701	
108B	3' - 0"	7' - 0"	N-1	SC	FF	KD-1	FF		16	LTG	5/A710	6/A710	-	
109A	3' - 0"	7' - 0"	N-1	SC	FF	KD-2	FF		04	LTG	5/A710	6/A710	-	
110A	6' - 0"	7' - 0"	F	SC	FF	KD-2	FF		20	-	5/A710	6/A710	-	
111A	3' - 0"	7' - 0"	F	SC	FF	KD-1	FF		03	-	5/A710	6/A710	-	
112A	3' - 0"	8' - 0"	FG	AL	FF	SF	FF		02	ILTG	13/A701	2/A701	4/A701	
112B	6' - 0"	8' - 0"	FG	AL	FF	SF	FF		01	ILTG	13/A701	2/A701	4/A701	
112C	3' - 0"	8' - 0"	FG	AL	FF	SF	FF		02	ILTG	13/A701	2/A701	4/A701	
113A	3' - 8 3/8"	7' - 0"	FG	AL	FF	SF	FF		04	LTG	1/A710	2/A710	-	
114A	3' - 7 3/4"	7' - 0"	FG	AL	FF	SF	FF		04	LTG	1/A710	2/A710	-	
115A	6' - 0"	7' - 0"	N-1	SC	FF	KD-2	FF		20	LTG	5/A710	6/A710	-	

GENERAL NOTES

1. 1DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT (CBC 1010.1.9). THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION (CBC 1010.1.9.6).
2. LEVERS, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON REQUIRED MEANS OF EGRESS DOORS SHALL COMPLY WITH SFM STANDARD 12-10-2, SECTION 12-10-202 CONTAINED IN THE CCR, TITLE 24, PART 12, CALIFORNIA REFERENCED STANDARDS CODE (CBC 1010.1.9.1).
3. HAND ACTIVATED DOOR OPERATING HARDWARE SHALL BE LEVER HANDLED OR PULLS THAT ARE EASY TO GRASP WITH ONE HAND AND DO NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 LBS MAXIMUM (CBC 1010.1.9.1, 11B-404.2.7 AND 11B-309.4).
4. OPERATING HARDWARE SHALL BE MOUNTED 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISHED FLOOR OR LANDING LEVEL (CBC 1010.1.9.2, 11B-404.2.7).
5. MANUALLY OPERATED SURFACE OR FLUSH BOLTS ARE NOT PERMITTED EXCEPT FOR THE INACTIVE LEAF OF PAIRS OF DOORS SERVING STORAGE OR EQUIPMENT ROOMS, OR SERVING B, F OR S OCCUPANCIES HAVING AN OCCUPANT LOAD OF LESS THAN 50 OCCUPANTS (CBC 1010.1.9.5).
6. IF A DOOR HAS A CLOSER, THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM (CBC11B-404.2.8.1). CLOSERS SHALL BE ADJUSTED SO THAT THE FORCE REQUIRED TO PUSH OR PULL OPEN A DOOR SHALL NOT EXCEED 5 LBS. FOR INTERIOR AND EXTERIOR DOORS AND NOT MORE THAN 15 LBS. FOR REQUIRED FIRE RATED DOORS. FOR SWINGING DOORS, THE FORCE SHALL BE APPLIED PERPENDICULAR TO THE DOOR AT THE DOOR OPERATING HARDWARE; FOR SLIDING DOORS, THE FORCE SHALL BE MEASURED PARALLEL TO THE DOOR APPLIED AT THE PULL OR LATCH (CBC 11B-404.2.9).
7. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 1/2 INCH IN HEIGHT ABOVE THE LOWEST FLOOR OR LANDING LEVEL. CHANGES IN ELEVATION GREATER THAN 1/4 INCH SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN 2:1 HORIZONTAL TO VERTICAL (CBC 11B-404.2.5, 11B-303, AND 1010.1.7).
8. THE BOTTOM 10 INCHES OF THE PUSH SIDE OF SWINGING DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEEL CHAIR FOOTREST WITHOUT CREATING TRAP OR HAZARDOUS CONDITION (CBC 11B-404.2.10).
9. GLAZING IN DOORS SHALL BE TEMPERED SAFETY GLASS OR OTHER APPROVED SAFETY GLAZING MATERIAL (CBC 2406.4.1). SAFETY GLAZING SHALL BE PERMANENTLY IDENTIFIED IN ACCORDANCE WITH CBC 2406.3).
10. VISION LITES IN DOORS SHALL HAVE THE BOTTOM EDGE OF VISIBLE GLASS 43 INCHES MAXIMUM ABOVE THE FLOOR (CBC 11B-404.2.11)
11. ALL DOORS SHALL BE 1-3/4 INCHES THICK UNLESS NOTED OTHERWISE.
12. ALL DOORS OVER 48 INCHES IN WIDTH SHALL BE PAIRS OF DOORS UNLESS NOTED OTHERWISE.
13. REFER TO INTERIOR FINISH SCHEDULE FOR COLOR/GLOSS/ PATTERN FOR PAINTED DOOR AND FRAME FINISHES.
14. FIRE RATED DOOR/FRAME ASSEMBLIES SHALL BE LABELED BY AN APPROVED AGENCY AND HAVE LABELS COMPLYING WITH NFPA 80 PERMANENTLY AFFIXED TO THE DOOR AND FRAME (CBC 716.2.9). FIRE RATED DOOR/FRAME ASSEMBLIES SHALL BE SELF CLOSING AND POSITIVE LATCHING (CBC 716.2.6.1).
15. WHERE NEW DOORS ARE TO BE INSTALLED IN EXISTING DOOR FRAMES, THE CONTRACTOR SHALL FIELD VERIFY THE SIZE OF THE EXISTING DOOR OPENING AND CONFIRM THE SIZE OF NEW DOORS.

DOOR TYPES



F
FLUSH

FG
FULL GLASS

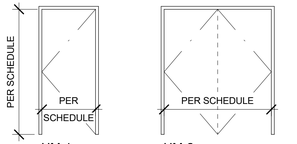
G
GLASS, 1 PANEL

FG2
GLASS, 2 PANEL

N
NARROW VISION PANEL

L
LOUVER

DOOR FRAME TYPES



HM-1
HOLLOW METAL
SINGLE DOOR
SINGLE SWING

HM-2
HOLLOW METAL
PAIR OF DOORS
SINGLE SWING

KD-1
ALUMINUM KNOCK DOWN
SINGLE DOOR
SINGLE SWING

KD-2
ALUMINUM KNOCK DOWN
DOUBLE DOOR
DOUBLE SWING

REMARKS

A. PROVIDE SIGN IN 1" HIGH LETTERS STATING "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED".

B. ACCESS CONTROLED DOOR, SEE ELECTRICAL DWGS.

PLOT DATE: 11/20/2025 1:48:44 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 36644 STATE OF CALIFORNIA

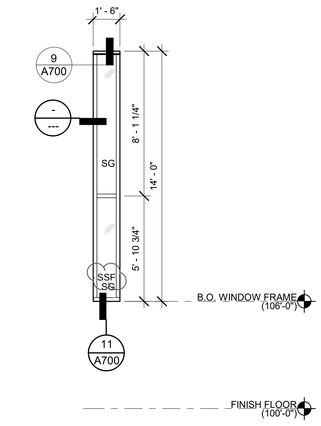
TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED
TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
SCHEDULES

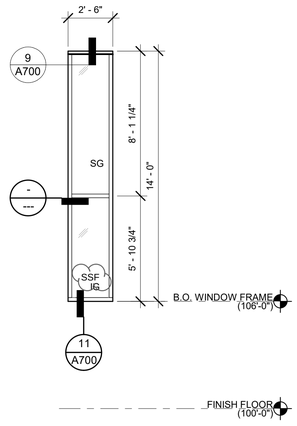
PROJECT NO.
12500

DRAWING
A600



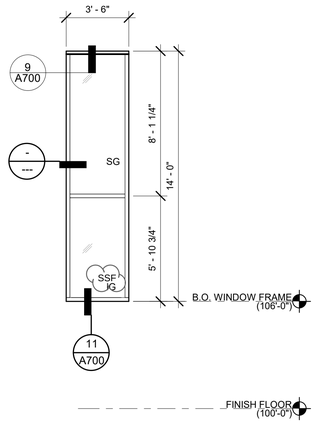
A ALUMINUM WINDOW

2 1/2" X 3 1/4" FRAME



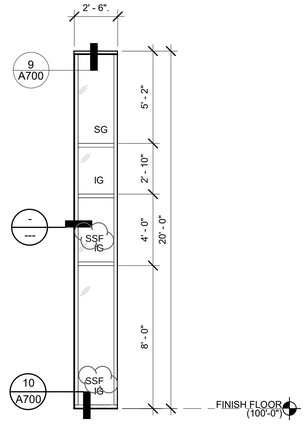
B ALUMINUM WINDOW

2 1/2" X 3 1/4" FRAME



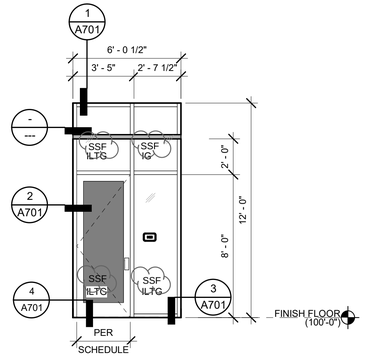
C ALUMINUM WINDOW

2 1/2" X 3 1/4" FRAME



D ALUMINUM WINDOW

2 1/2" X 3 1/4" FRAME



E ALUMINUM STOREFRONT SYSTEM

2 1/2" X 4 1/2" FRAME

F ALUMINUM STOREFRONT SYSTEM

2 1/2" X 4 1/2" FRAME

G ALUMINUM WINDOW

2 1/2" X 3 1/4" FRAME

H ALUMINUM STOREFRONT SYSTEM

2 1/2" X 4 1/2" FRAME

J ALUMINUM STOREFRONT SYSTEM

2 1/2" X 4 1/2" FRAME

K ALUMINUM STOREFRONT SYSTEM

2 1/2" X 4 1/2" FRAME

FINISH MATERIAL ABBREVIATIONS

CS	CONCRETE, SEALED
COMP	COMPOSITE WOOD CLADDING, HORIZONTAL
CT	CERAMIC TILE
EXP	EXPOSED CEILING
FF	FACTORY FINISH
FRL	FIBER REINFORCED LAMINATE
FRP	FIBER REINFORCED PANEL
GB	GYPSUM BOARD
GB-W	GYPSUM BOARD, WATER RESISTANT
RB-1	RUBBER BASE
P	PAINT
LP-1	METAL LINER PANEL
PLY	PLYWOOD
TB	TACKABLE SURFACE

PLOT DATE: 11/20/2025 1:48:53 PM

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C-31644 STATE OF CALIFORNIA

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED
TETER

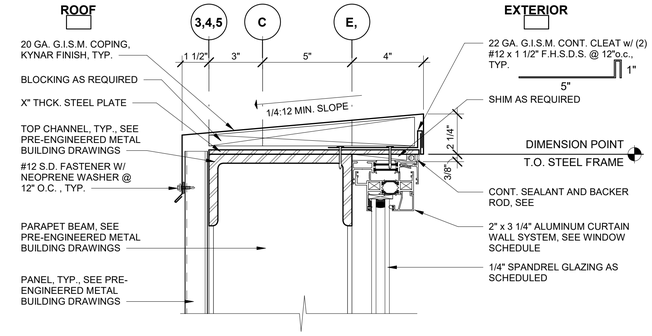
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
WINDOW SCHEDULE

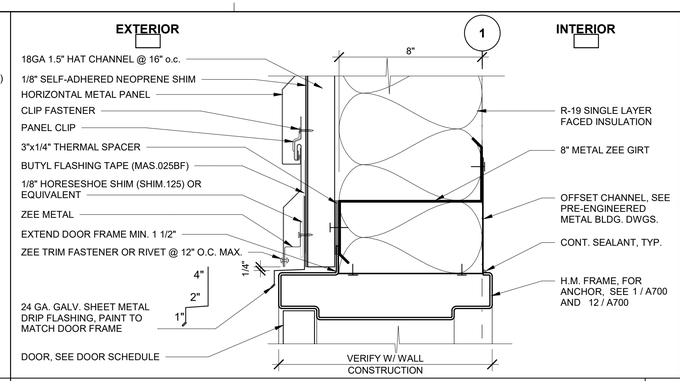
PROJECT NO.
12500

DRAWING
A601

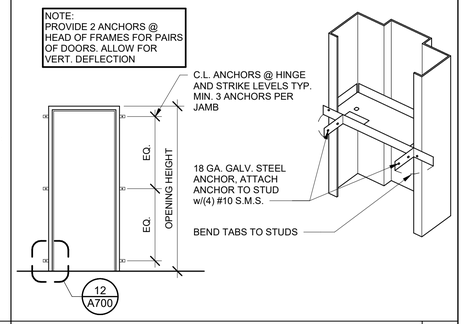
\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



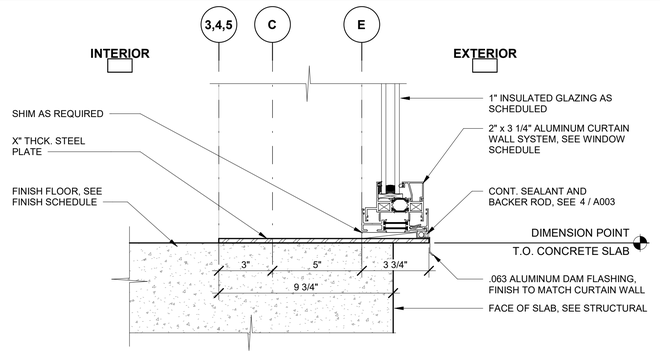
CURTAIN WALL @ TOP OF PARAPET 3" = 1'-0" 9



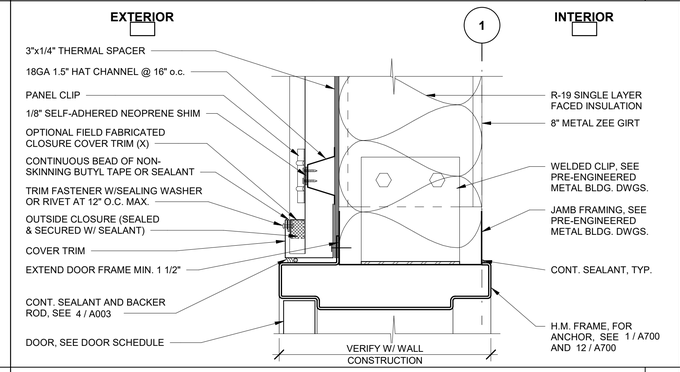
EXTERIOR H.M. DOOR HEAD @ METAL PANELS 3" = 1'-0" 5



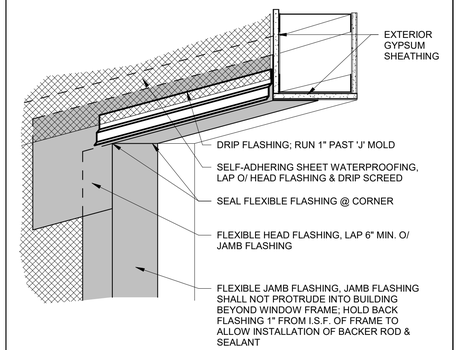
H.M. DOOR ANCHORS 1 1/2" = 1'-0" 1



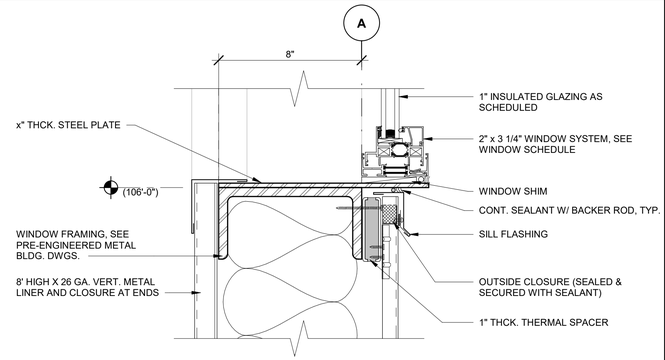
EXTERIOR CURTAIN WALL SILL @ CONCRETE SLAB 3" = 1'-0" 10



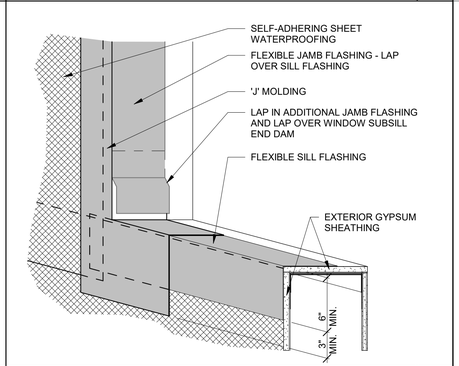
EXTERIOR H.M. DOOR JAMB @ METAL PANELS 3" = 1'-0" 6



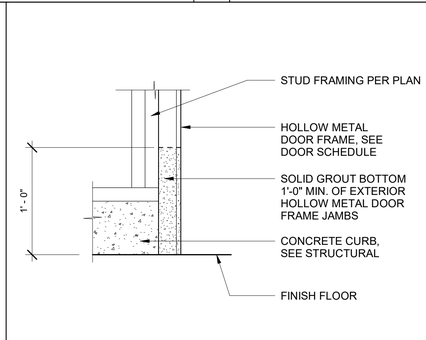
FLASHING HEADER CONDITION 1 1/2" = 1'-0" 2



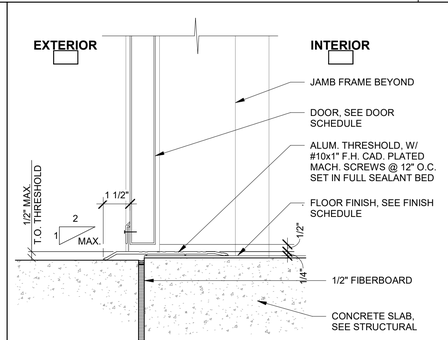
WINDOW SILL @ MTL. PANEL 3" = 1'-0" 11



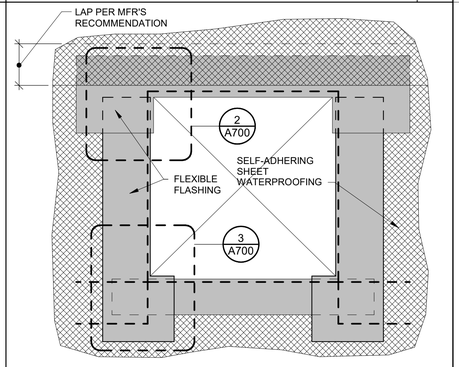
FLASHING SILL CONDITION 1 1/2" = 1'-0" 3



EXTERIOR H.M. FRAME BASE 1 1/2" = 1'-0" 12



H.M. DOOR THRESHOLD 3" = 1'-0" 8



TYP. FLASHING @ OPENINGS 1" = 1'-0" 4

PLOT DATE: 11/20/2025 1:48:57 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 38647 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
TETER

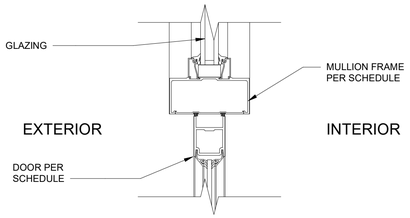
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
EXTERIOR OPENING DETAILS

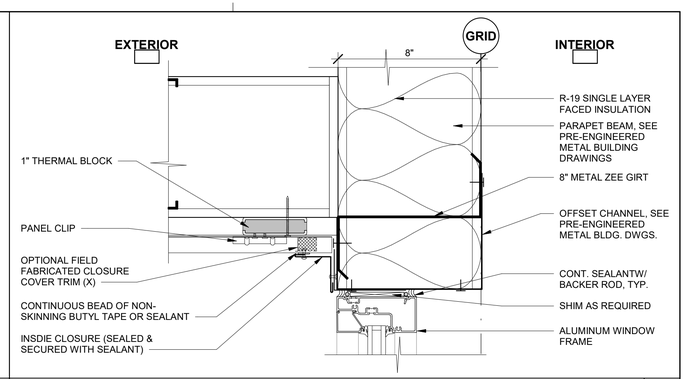
PROJECT NO.
12500

DRAWING
A700

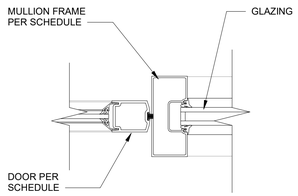
\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



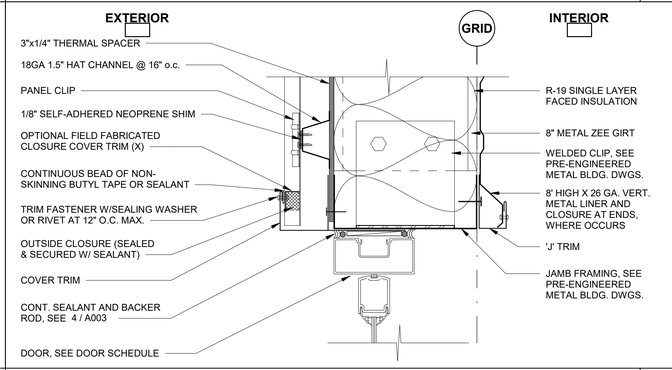
STOREFRONT DOOR HEAD @ WINDOW 3" = 1'-0" 13



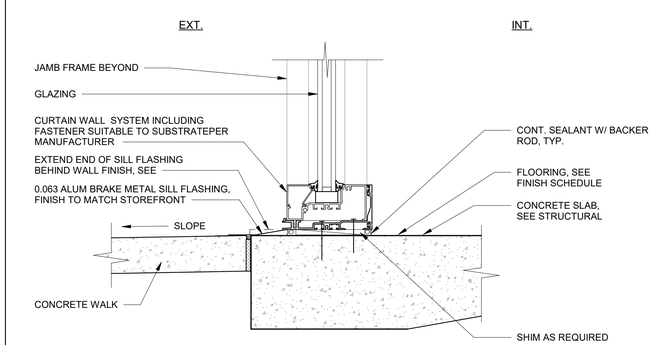
EXT. STOREFRONT DOOR HEAD @ METAL PANELS 3" = 1'-0" 1



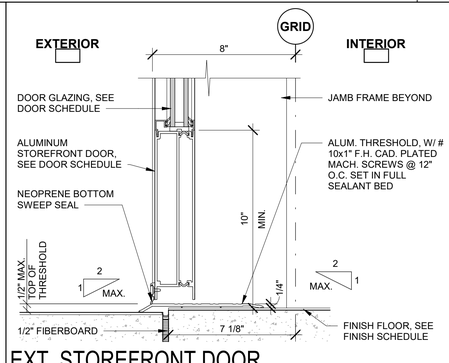
STOREFRONT DOOR JAMB @ WINDOW 3" = 1'-0" 6



EXT. STOREFRONT DOOR JAMB @ METAL PANELS 3" = 1'-0" 2



EXT. STOREFRONT WALL SILL 3" = 1'-0" 3



EXT. STOREFRONT DOOR BOTTOM TYP. 3" = 1'-0" 4

PLOT DATE: 11/20/2025 1:49:00 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT ★ STEVEN M. POLANCO ★ C 31644 ★ STATE OF CALIFORNIA

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED
TETER

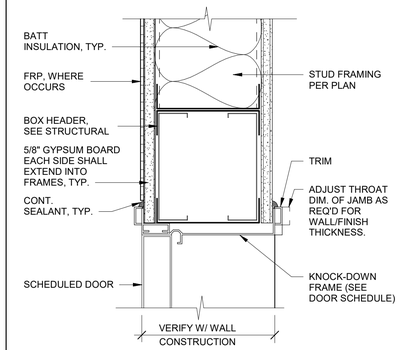
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
EXTERIOR OPENING DETAILS

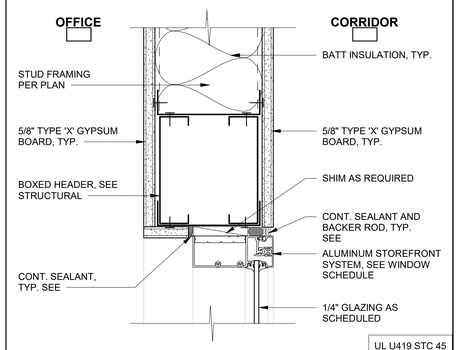
PROJECT NO.
12500

DRAWING
A701

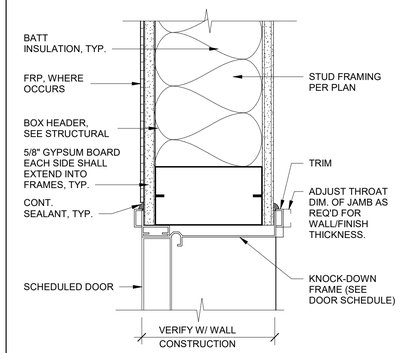
\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



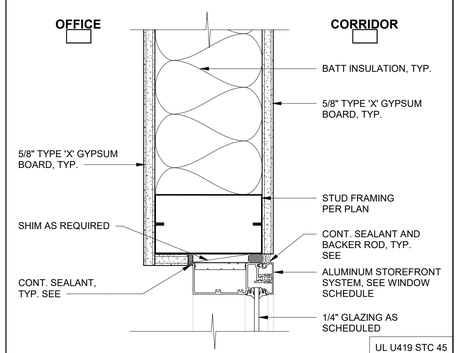
INT. KNOCK-DOWN DOOR HEAD 3" = 1'-0" 5



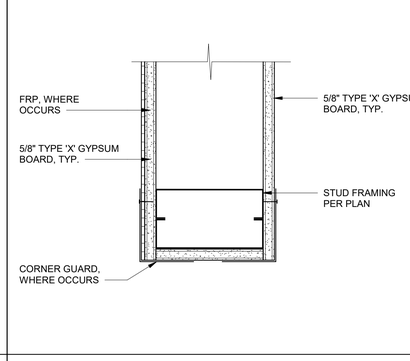
INT.ALUM. STOREFRONT HEAD 3" = 1'-0" 1



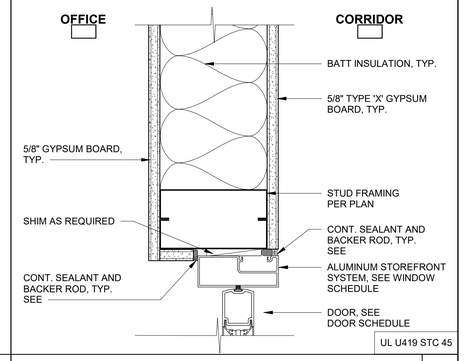
INT. KNOCK-DOWN DOOR JAMB 3" = 1'-0" 6



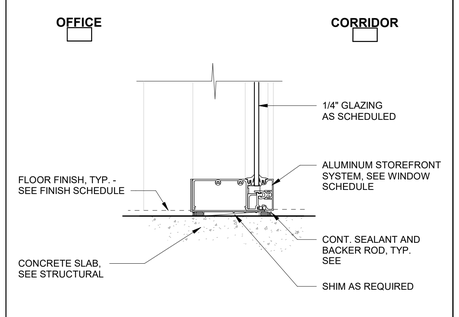
INT.ALUM. STOREFRONT JAMB 3" = 1'-0" 2



OPENING JAMB AT GYP. BD 3" = 1'-0" 7



INT.ALUM. STOREFRONT JAMB 3" = 1'-0" 3



INT. ALUM. STOREFRONT SILL 3" = 1'-0" 4

PLOT DATE: 11/20/2025 1:49:03 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31644 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

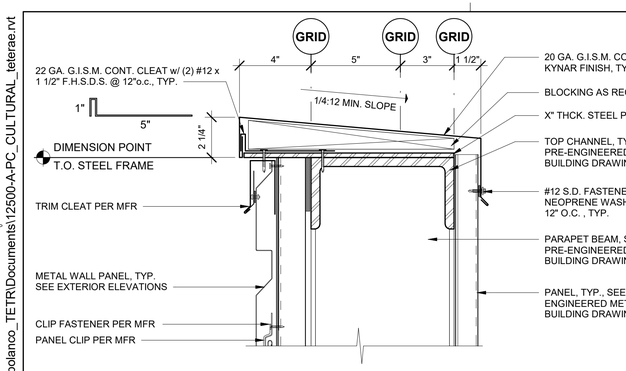
TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

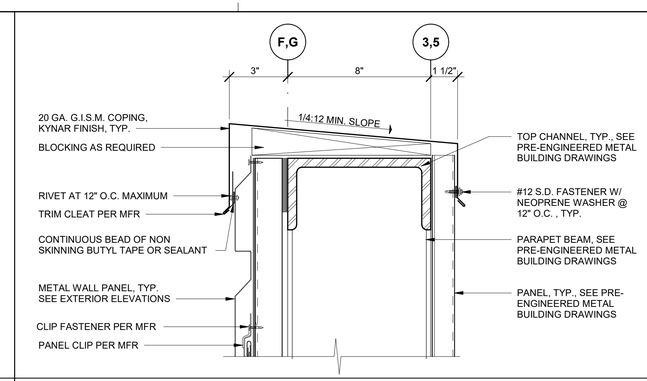
DRAWING TITLE
INTERIOR OPENING DETAILS

PROJECT NO.
12500

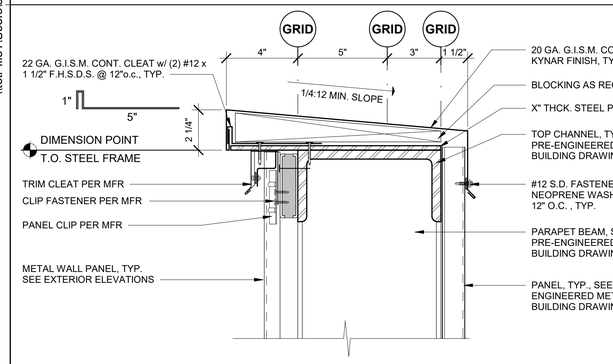
DRAWING
A710



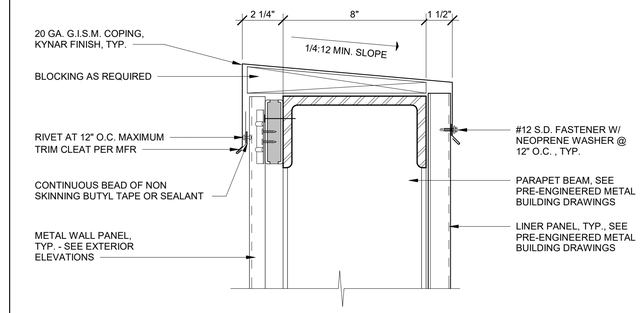
PARAPET HORIZONTAL 3" = 1'-0" 17



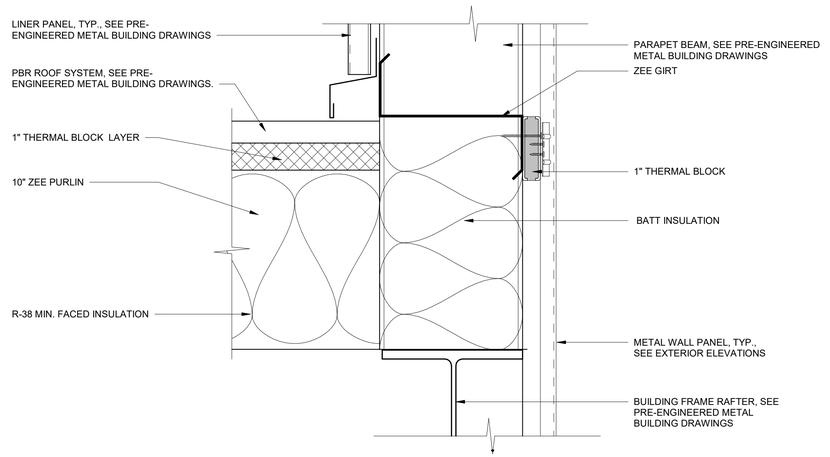
PARAPET HORIZONTAL 3" = 1'-0" 9



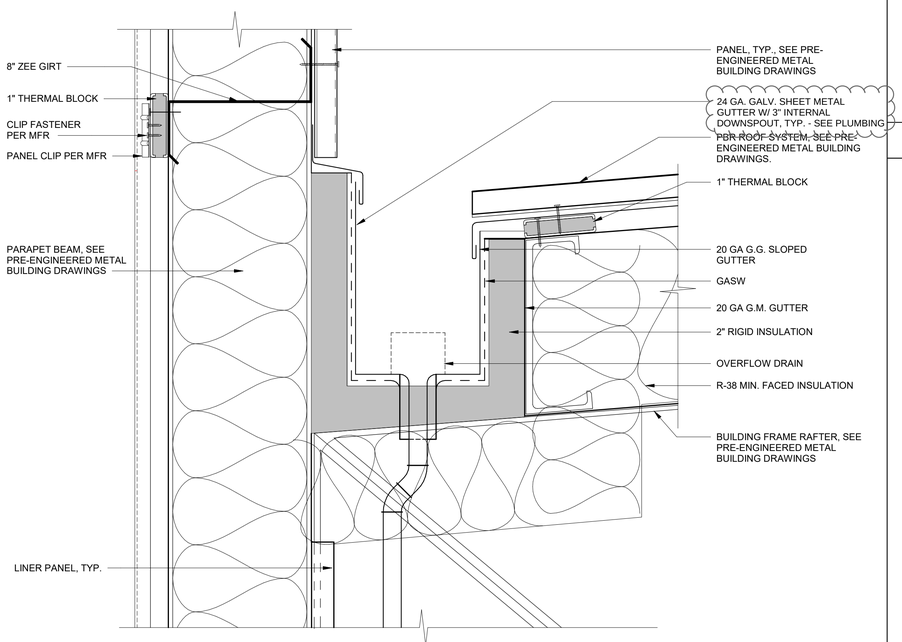
PARAPET VERTICAL 3" = 1'-0" 18



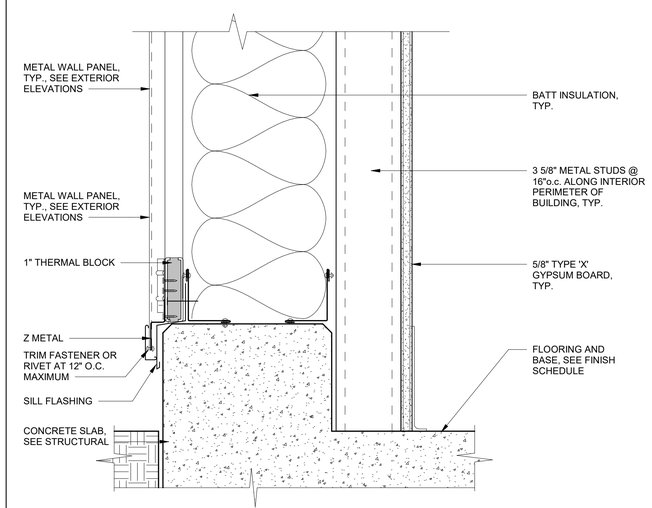
PARAPET VERTICAL 3" = 1'-0" 10



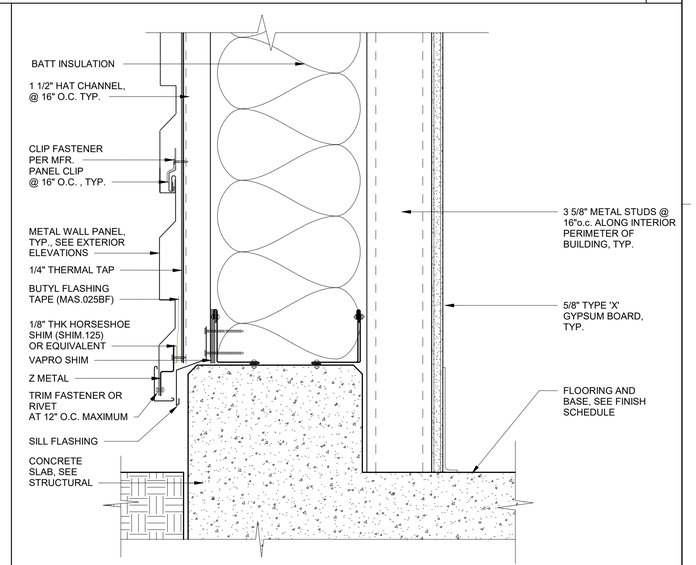
ROOF TO WALL DETAIL 3" = 1'-0" 3



VERTICAL PANEL - GUTTER DETAIL 3" = 1'-0" 16



VERTICAL BASE DETAIL 3" = 1'-0" 8



HORIZONTAL PANEL BASE DETAIL 3" = 1'-0" 4

PLOT DATE: 11/20/2025 1:49:07 PM

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 36647 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

TETER

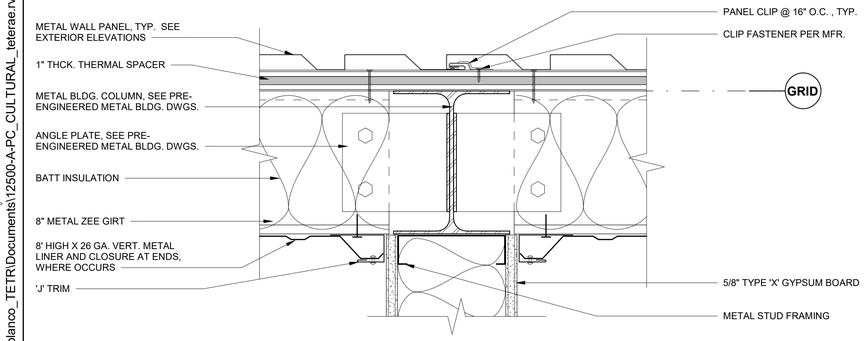
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
WALL DETAILS

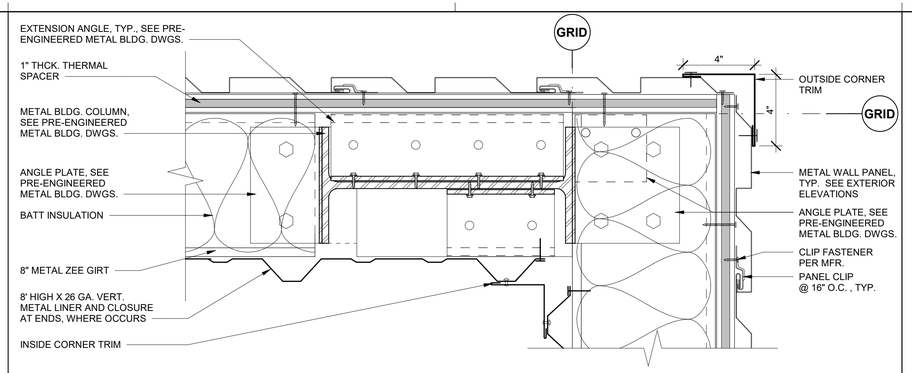
PROJECT NO.
12500

DRAWING
A720

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

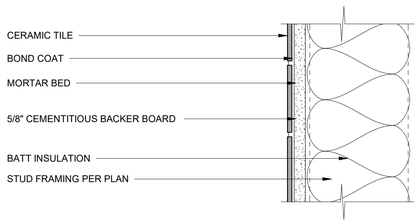


COLUMN @ VERTICAL MTL. PANEL 3" = 1'-0" | 13



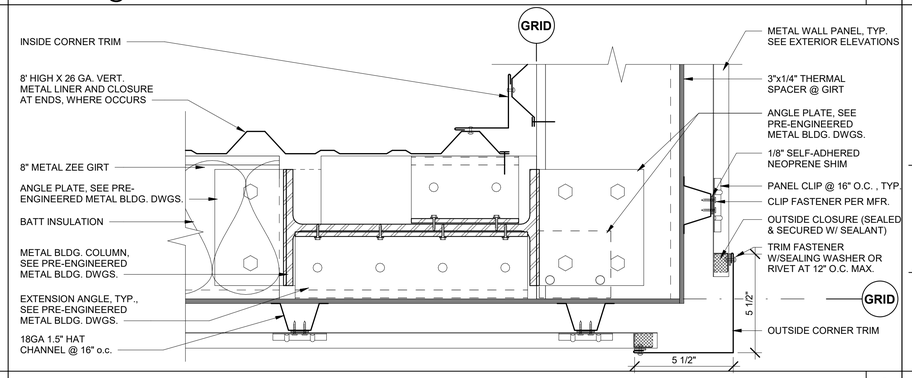
COLUMN @ VERTICAL MTL. PANEL CORNER 3" = 1'-0" | 5

NOTE: WALL TILE TO BE FULL HEIGHT U.N.O.

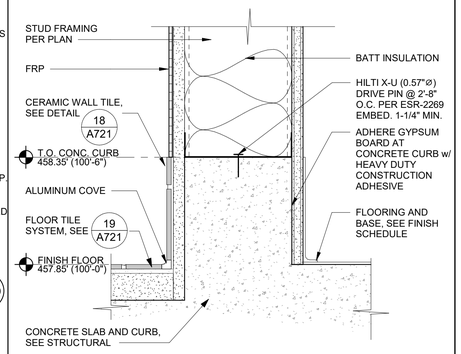


TILE INSTALLATION PER COUNCIL OF NORTH AMERICA ASSEMBLY NUMBER: TCNA # W244C-18

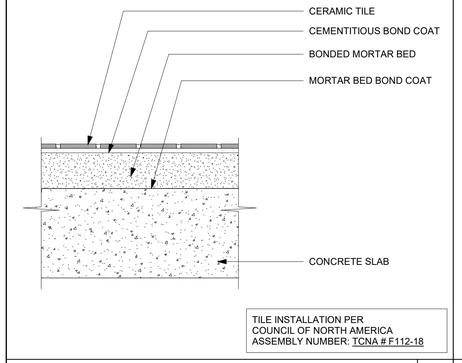
WALL TILE SYSTEM 3" = 1'-0" | 18



COLUMN @ HORIZONTAL MTL. PANEL CORNER 3" = 1'-0" | 6

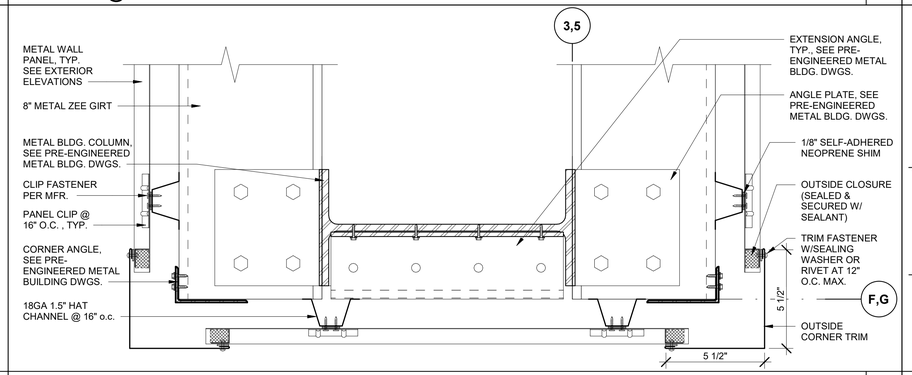


INT. CONCRETE CURB 3" = 1'-0" | 2

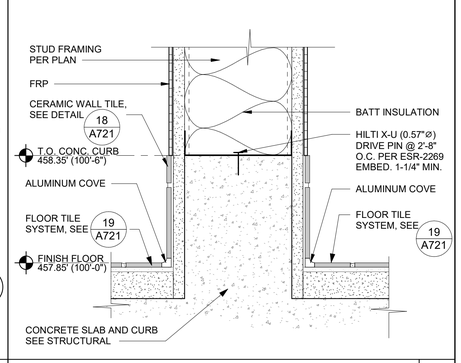


TILE INSTALLATION PER COUNCIL OF NORTH AMERICA ASSEMBLY NUMBER: TCNA # F112-18

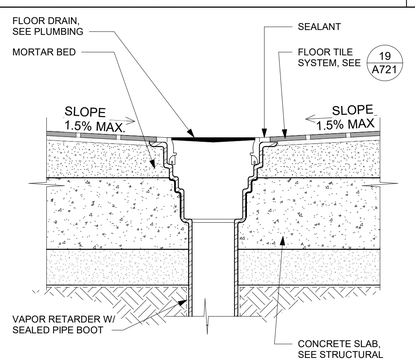
FLOOR TILE SYSTEM 3" = 1'-0" | 19



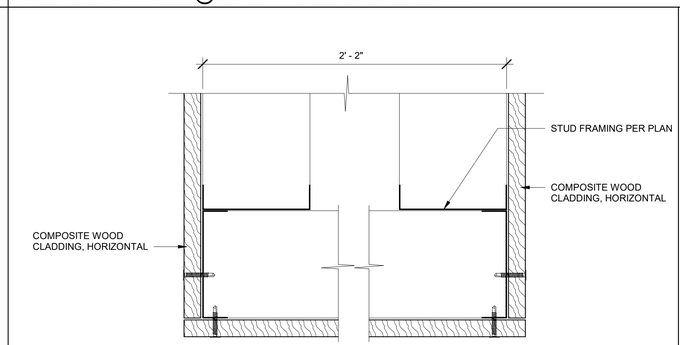
CANOPY COLUMN @ HORIZONTAL MTL. PANEL 3" = 1'-0" | 7



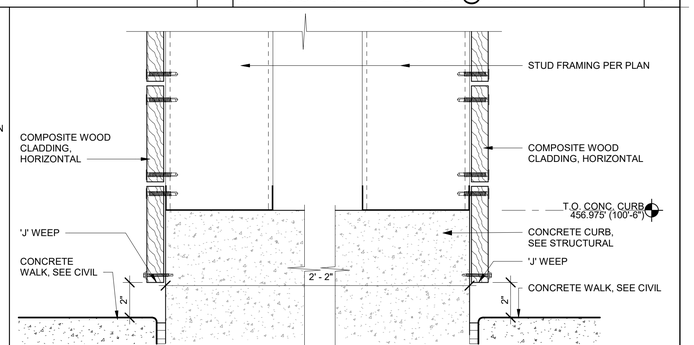
INT. CONCRETE CURB @ FRP 3" = 1'-0" | 3



DRAIN AT TILE FLOOR SYSTEM 3" = 1'-0" | 20



COMPOSITE CLADDING DOUBLE WALL @ CORNER 3" = 1'-0" | 8



EXTERIOR CONCRETE CURB @ COMPOSITE WOOD CLADDING 3" = 1'-0" | 4

PLOT DATE: 11/20/2025 1:49:11 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31644 STATE OF CALIFORNIA

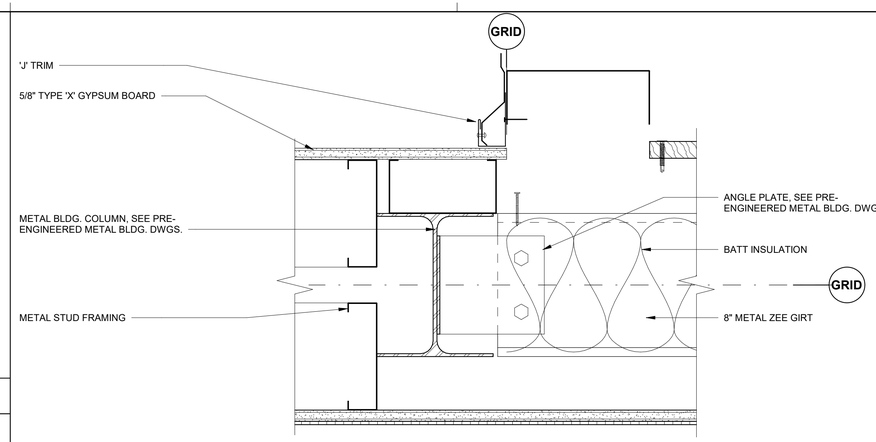
TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED
TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

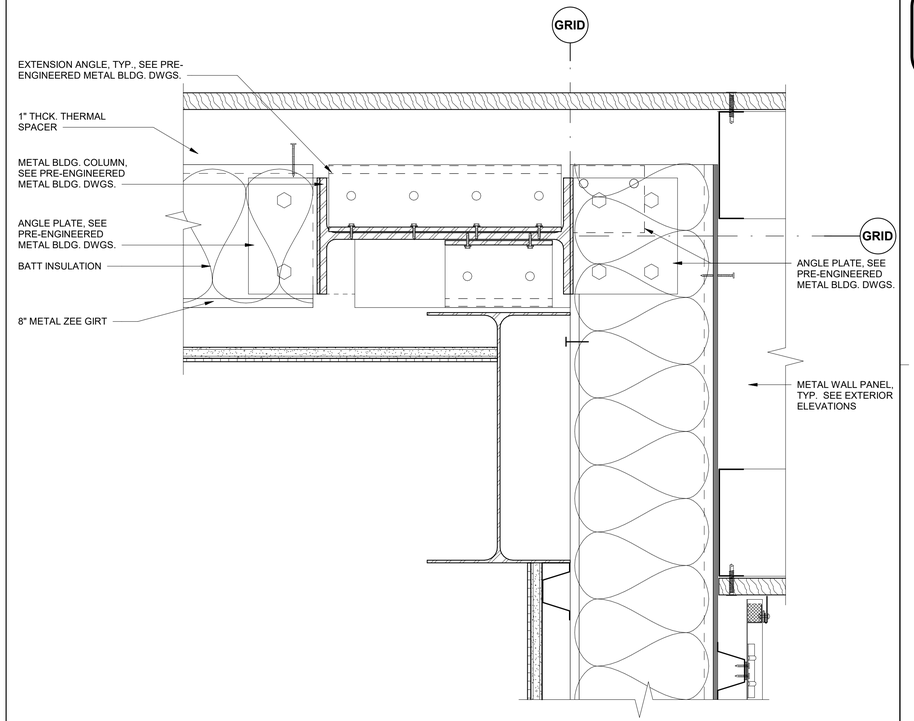
DRAWING TITLE
WALL DETAILS

PROJECT NO.
12500

DRAWING
A721



COLUMN @ DOUBLE WALL 3" = 1'-0" 10



COLUMN @ WOOD CLADDING CORNER 3" = 1'-0" 2

PLOT DATE: 11/20/2025 1:49:13 PM

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31644 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

TETER

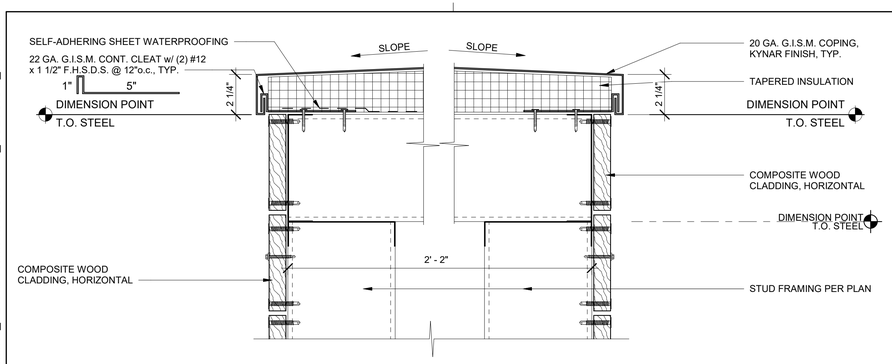
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
WALL DETAILS

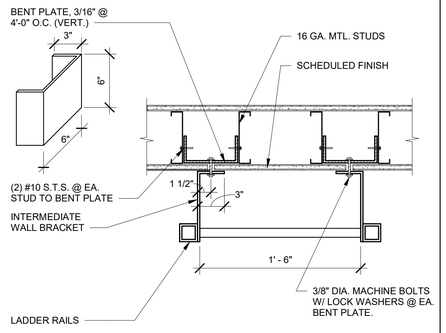
PROJECT NO.
12500

DRAWING
A722

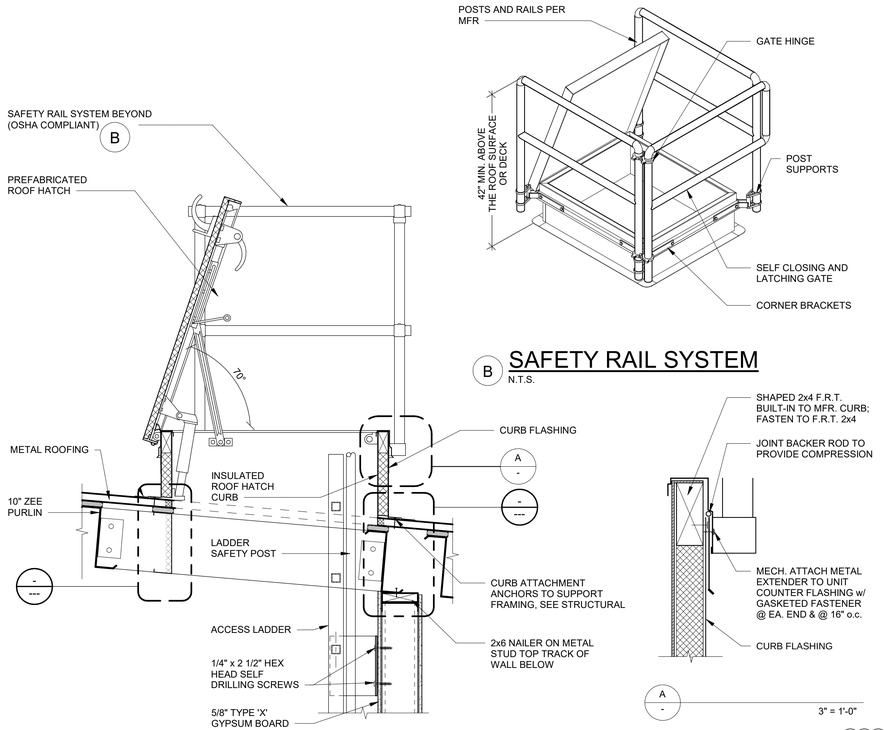
\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



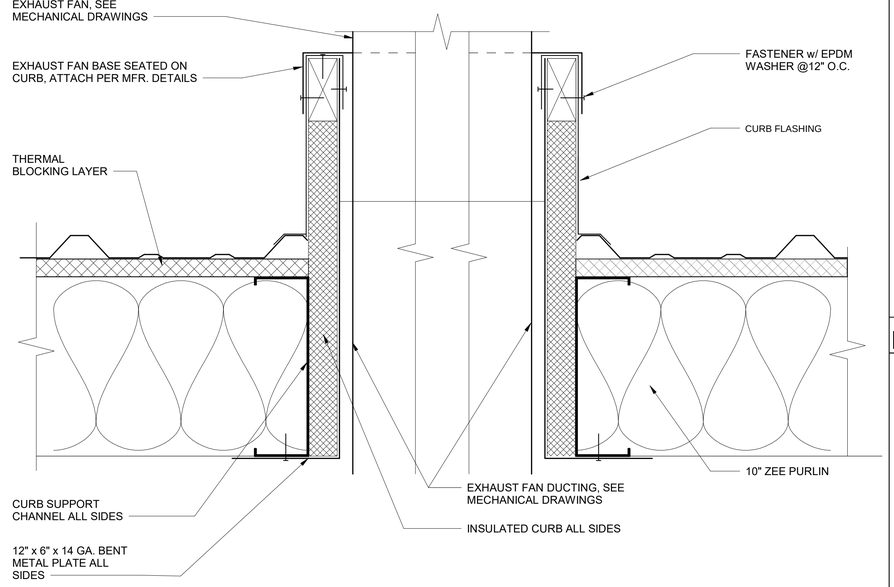
ROOFING @ COMPOSITE WOOD CLADDING 3" = 1'-0" | 13



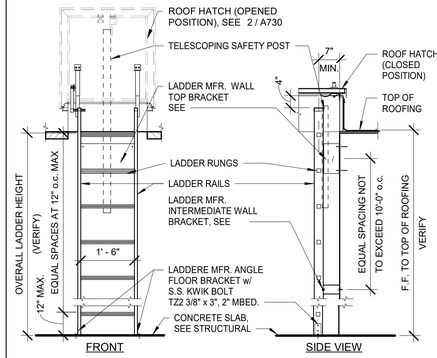
LADDER ATTACHMENT 1 1/2" = 1'-0" | 9



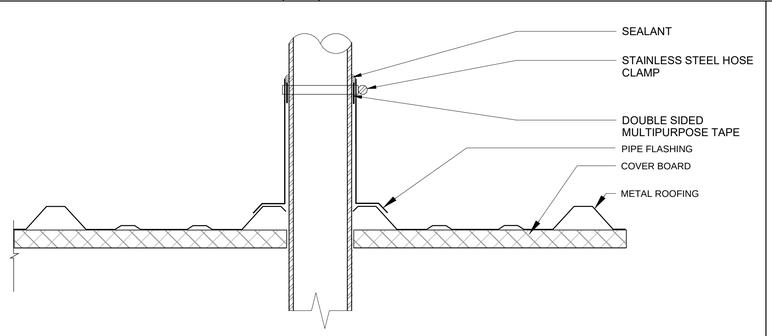
B SAFETY RAIL SYSTEM
N.T.S.



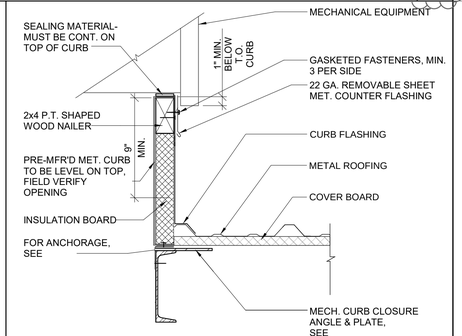
EXHAUST FAN OPENING 3" = 1'-0" | 15



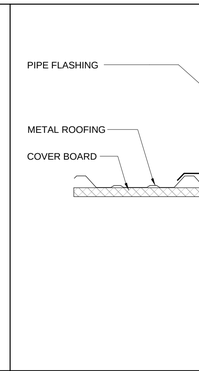
ROOF ACCESS LADDER 1/2" = 1'-0" | 10



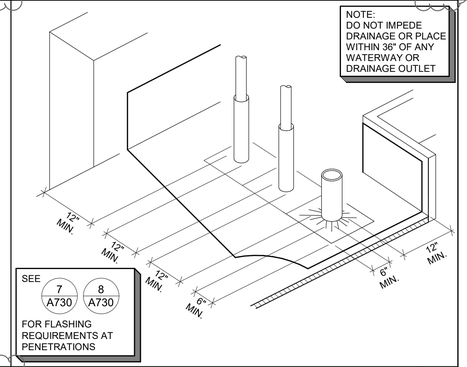
TYP. PIPE FLASHING THROUGH ROOF 3" = 1'-0" | 7



ROOF HVAC EQUIPMENT CURB2 1 1/2" = 1'-0" | 3



PIPE FLASHING w/ CAP 12" = 1'-0" | 8



TYP. ROOF CLEARANCES 1" = 1'-0" | 4

PLOT DATE: 11/20/2025 1:49:17 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC: A
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C 38648 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

TETER

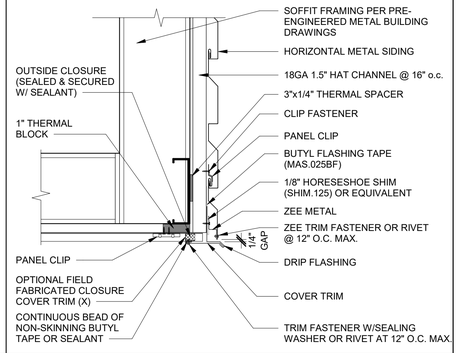
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
ROOF DETAILS

PROJECT NO.
12500

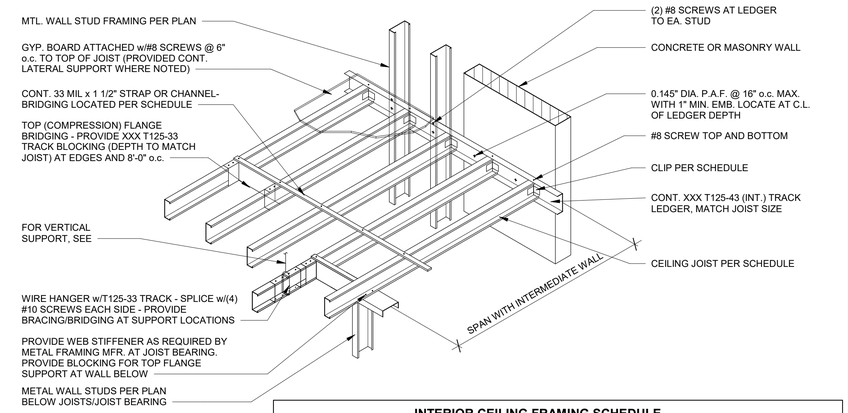
DRAWING
A730

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



SOFFIT CORNER

1 1/2" = 1'-0" | 9



GENERAL NOTES:

1. DESIGNED FOR 10 psf DL (UP TO (2) LAYERS OF 5/8" GYP. BOARD) AND 10 psf LL.
2. IF SPAN OR LOADING CONDITION IS DIFFERENT THAN INDICATED, CONTACT ARCHITECT.
3. ILLUSTRATION IS FOR INFORMATION PURPOSES ONLY AND DOES NOT REFLECT A SPECIFIC LOCATION.

INTERIOR CEILING FRAMING SCHEDULE

MAX. SPAN	MIN. JOIST SIZE & SPACING	BRIDGING LOCATION	CONNECTION OF JOIST TO LEDGER
9'-0"	362S162-33 @ 16" o.c.	ONE ROW AT MID-SPAN	NOT REQUIRED
12'-0"	600S137-43 @ 16" o.c.	ONE ROW AT MID-SPAN	LS545 w/(2) #10 SCREWS EA. LEG OR, L50 w/(3) #10 SCREWS EA. LEG
15'-0"	600S137-54 @ 16" o.c.	TWO ROWS AT 1/3 POINTS	LS545 w/(2) #10 SCREWS EA. LEG OR, L50 w/(3) #10 SCREWS EA. LEG

CEILING FRAMING (MTL.)

1/2" = 1'-0" | 2

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
CEILING DETAILS

PROJECT NO.
12500

DRAWING
A770

PLOT DATE: 11/20/2025 1:49:18 PM

KEYNOTES (00.00)

LEGEND

CS-1	SEALED CONCRETE - TYPE 2 EXPOSED SEALED CONCRETE: (SEE CONCRETE-SEAL-HARDENER SPEC 033518 FOR NEW CONCRETE)
CT-1	TILE, SEE 19 / A721
LVT	LUXURY VINYL TILE. FLOORING SHALL CONSIST OF BOTH THE COLORS "MARKER 857" AND "CORD 957". LAYOUT OF THE TILES SHALL CONSIST OF 25% "MARKER 857" AND 75% "CORD 957" IN A RANDOM LAYOUT.
CP-1	CARPET

GENERAL NOTES

1. FLOOR MATERIAL TRANSITIONS, SEE 3 / A003

NORTH PROJECT NORTH

FINISH FLOOR PLAN 1/8" = 1'-0" 8

PLOT DATE: 11/20/2025 1:49:29 PM

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31644 STATE OF CALIFORNIA

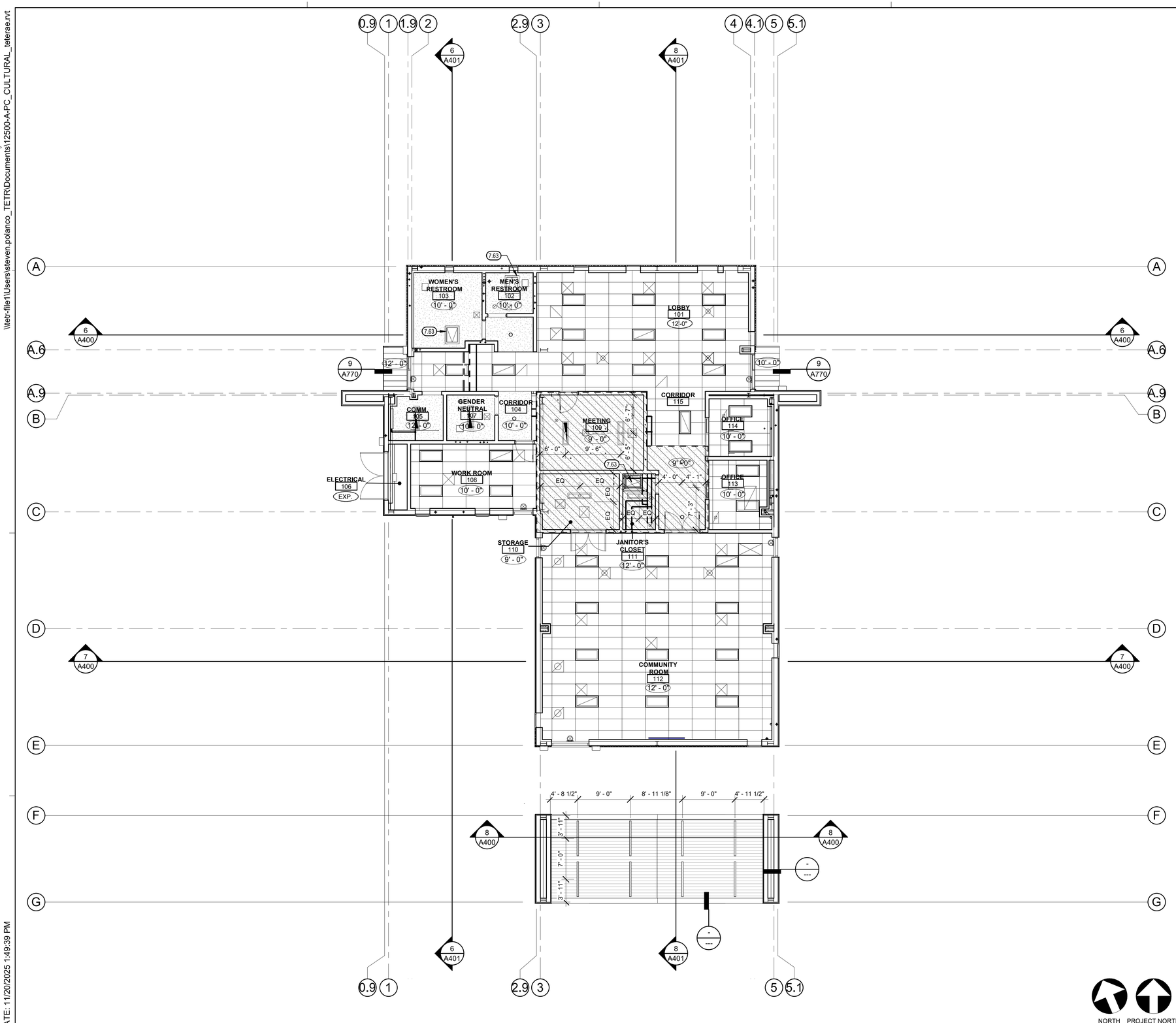
TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
FINISH PLAN

PROJECT NO.
12500

DRAWING
A800



KEYNOTES (00.00)

7.63 CEILING ACCESS HATCH

LEGEND

- 5/8" TYPE "X" GYP. BD. O/ METAL CEILING JOISTS. SEE DETAIL 2 / A770
- MECHANICAL PLATFORM
- METAL SIDING SOFFIT PANEL O/ 1" THICK THERMAL BLOCK. SEE 9 / A770
- SUSPENDED ACOUSTICAL PANEL CEILINGS, 2X4 GRID PATTERN
- ROOM 101 — ROOM SYMBOL
- 1'-0" — CEILING HEIGHT
- ELECTRICAL LIGHT FIXTURE, SEE ELECTRICAL.
- MECHANICAL GRILLES, SEE MECHANICAL.

GENERAL NOTES

A. KEYNOTES APPLY TO THIS DRAWING ONLY.

B. FOR SUPPORT REQUIREMENTS FOR LIGHT FIXTURES OR HVAC SYSTEM REGISTERS, SEE MECHANICAL AND ELECTRICAL.

C. ALL EXPOSED CEILINGS/STRUCUTRES TO BE PAINTED, U.N.O.

REFLECTED CEILING PLAN

1/8" = 1'-0" | 8

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31647 STATE OF CALIFORNIA

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
REFLECTED CEILING PLAN

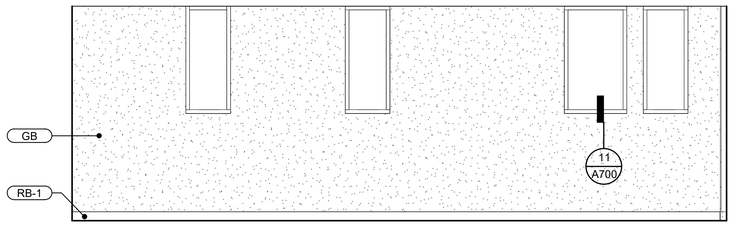
PROJECT NO.
12500

DRAWING
A810

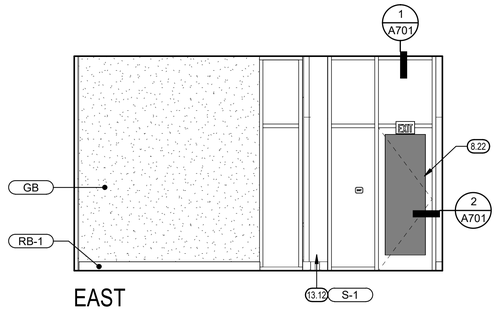
PLOT DATE: 11/20/2025 1:49:39 PM

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

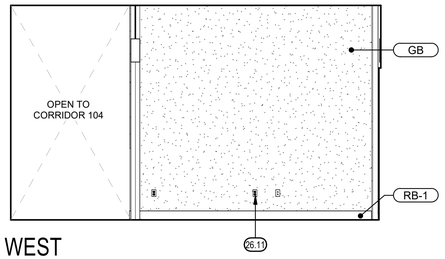
\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



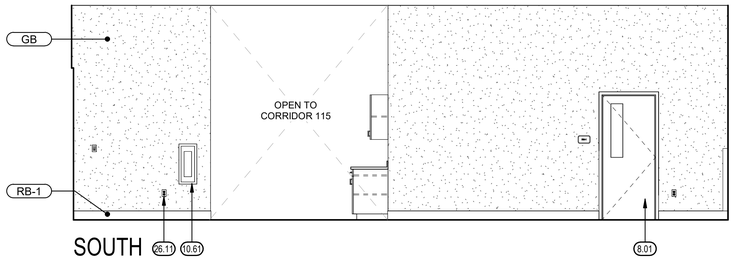
NORTH



EAST



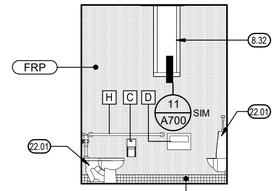
WEST



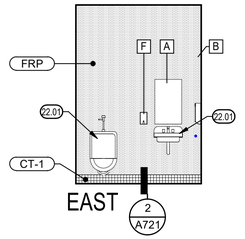
SOUTH

LOBBY - 101

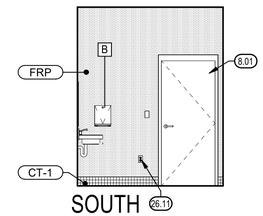
1/4" = 1'-0" | 9



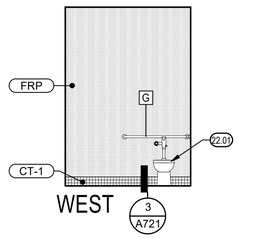
NORTH



EAST



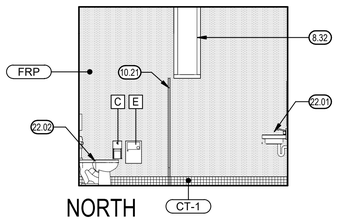
SOUTH



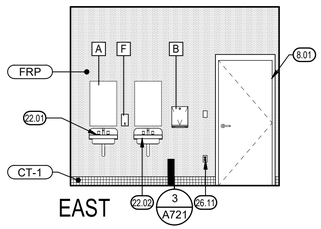
WEST

MEN'S RESTROOM - 102

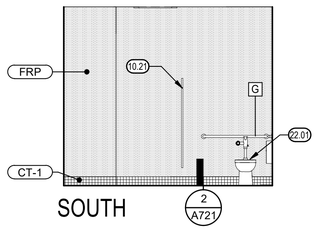
1/4" = 1'-0" | 2



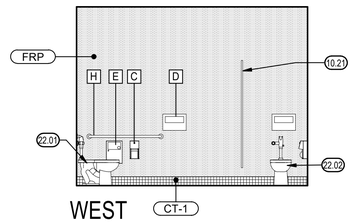
NORTH



EAST



SOUTH



WEST

WOMEN'S RESTROOM - 103

1/4" = 1'-0" | 3

KEYNOTES

8.01	DOOR AND FRAME AS SCHEDULED, TYP.
8.22	ALUMINUM STOREFRONT DOOR(S), TYP., SEE WINDOW SCHEDULE
8.32	WINDOW, TYP. - SEE WINDOW SCHEDULE
10.21	TOILET COMPARTMENT, TYP., SEE
10.61	FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER, SEE
13.12	METAL BUILDING COLUMN, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
22.01	ACCESSIBLE PLUMBING FIXTURE, TYP., SEE PLUMBING
22.02	PLUMBING FIXTURE, TYP., SEE PLUMBING
26.11	RECEPTACLE, TYP. - SEE ELECTRICAL

GENERAL NOTES

A. KEYNOTES APPLY TO THIS DRAWING ONLY.

B. FOR SUPPORT REQUIREMENTS FOR LIGHT FIXTURES OR HVAC SYSTEM REGISTERS, SEE MECHANICAL AND ELECTRICAL.

C. ALL EXPOSED CEILINGS/STRUCTURES TO BE PAINTED, U.N.O.

INTERIOR FINISH COLOR SCHEDULE

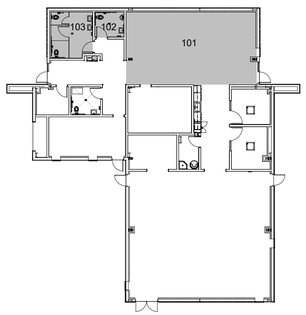
MARK	MATERIAL	MFR. (BASIS OF DESIGN)	FINISH	COLOR	PAINT SYSTEM
CT-1	CERAMIC WALL TILE, (2X2)	DAL-TILE	FACTORY FINISH		-
FRP	FIBERGLASS REINFORCED PANEL	MARLITE	FACTORY FINISH	P100 WHITE	
GB	GYPSUM BOARD	SHERWIN WILLIAMS (PAINT)	PAINT	SHOJI WHITE - 7042	PI-12
S-1	EXPOSED STEEL	SHERWIN WILLIAMS (PAINT)	PAINT	SHOJI WHITE - 7042	PI-41
RB-1	6" RUBBER BASE	BURKE MERCER FLOORING PROD.	FACTORY FINISH	BLACK BROWN - 523	-

NOTE:
1. FINAL COLOR SELECTIONS TO BE MADE BY ARCHITECT.
2. FOR MIRROR ANCHORAGE SEE 6 / A003
3. FOR GRAB BAR ANCHORAGE SEE 15 / A003

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	MFR.	MODEL NO.	REMARKS
A	MIRROR (18" X 30")	BOBRICK	B-165	SURFACE MTD.
B	PAPER TOWEL DISPENSER	BOBRICK	B-3944	RECESSED
C	TOILET TISSUE DISPENSER	BOBRICK	B-2888	SURFACE / PARTITION MTD.
D	TOILET SEAT COVER DISPENSER	BOBRICK	B-4221	SURFACE MTD.
E	SANITARY NAPKIN DISPOSAL UNIT	BOBRICK	B-270	SURFACE MTD.
F	SOAP DISPENSER	BOBRICK	B-82216	SURFACE MTD.
G	GRAB BAR, REAR	BOBRICK	B-6806 SERIES	42" LONG
H	GRAB BAR, SIDE	BOBRICK	B-6806 SERIES	48" LONG

KEY PLAN



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31644 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

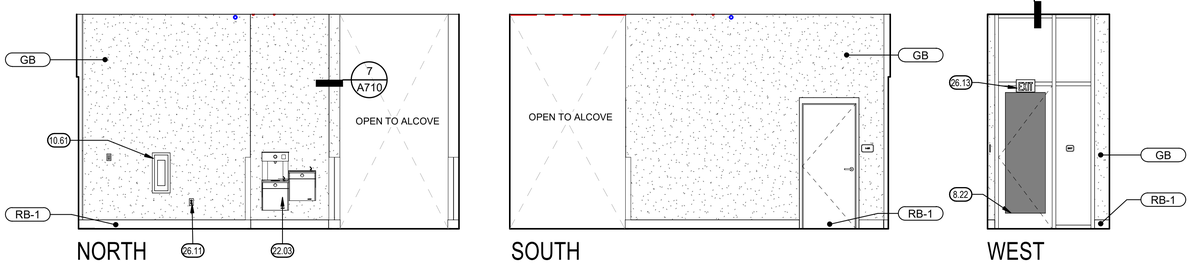
DRAWING TITLE
INTERIOR ELEVATIONS

PROJECT NO.
12500

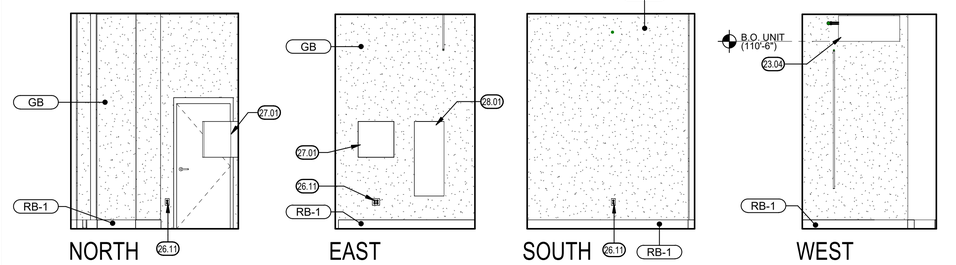
DRAWING
A820

PLOT DATE: 11/20/2025 1:49:59 PM

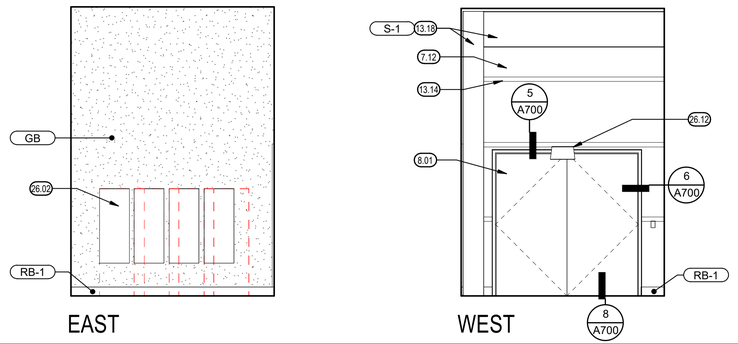
\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



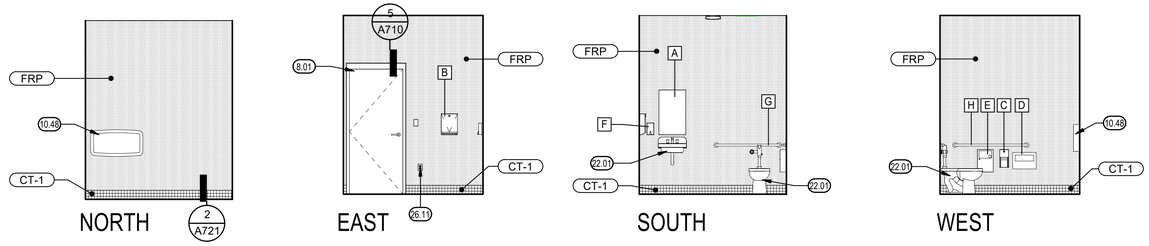
CORRIDOR - 104 — 1/4" = 1'-0" — 9



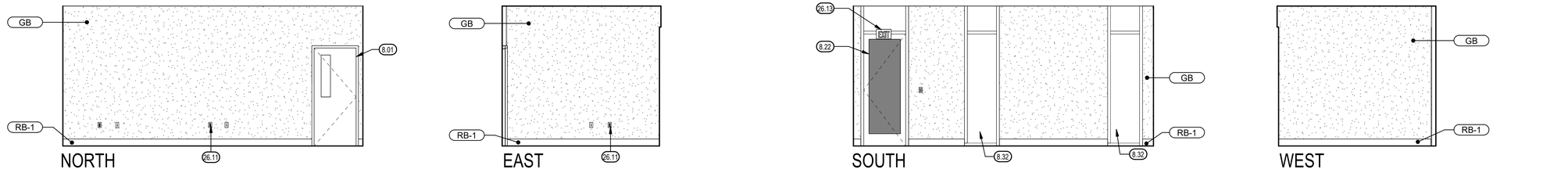
COMM. - 105 — 1/4" = 1'-0" — 1



ELECTRICAL - 106 — 1/4" = 1'-0" — 14



GENDER NEUTRAL - 107 — 1/4" = 1'-0" — 2



WORK ROOM - 108 — 1/4" = 1'-0" — 3

KEYNOTES (00.00)

7.12	FACED INSULATION, TYP.
8.01	DOOR AND FRAME AS SCHEDULED, TYP.
8.22	ALUMINUM STOREFRONT DOOR(S), TYP., SEE WINDOW SCHEDULE
8.32	WINDOW, TYP. - SEE WINDOW SCHEDULE
10.48	DIAPER CHANGING STATION, TYP., SEE 12 / A002
10.61	FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER, SEE 2 / A003
13.14	METAL BUILDING GIRT, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS
13.18	METAL BUILDING PORTAL FRAME, TYP.
22.01	ACCESSIBLE PLUMBING FIXTURE, TYP., SEE PLUMBING
22.03	HIGH-LOW DRINKING FOUNTAIN, SEE PLUMBING, AND
23.04	MECHANICAL EQUIPMENT, TYP., SEE MECHANICAL
26.02	ELECTRICAL PANEL, SEE ELECTRICAL
26.11	RECEPTACLE, TYP. - SEE ELECTRICAL
26.12	LIGHT FIXTURE, TYP. - SEE ELECTRICAL 8 / A002
26.13	EXIT SIGN, SEE ELECTRICAL
27.01	INTERMEDIATE DISTRIBUTION FRAME (IDF) EQUIPMENT ENCLOSURE, SEE ELECTRICAL
28.01	FIRE ALARM CONTROL PANEL, SEE ELECTRICAL

GENERAL NOTES

A. KEYNOTES APPLY TO THIS DRAWING ONLY.

B. FOR SUPPORT REQUIREMENTS FOR LIGHT FIXTURES OR HVAC SYSTEM REGISTERS, SEE MECHANICAL AND ELECTRICAL.

C. ALL EXPOSED CEILINGS/STRUCTURES TO BE PAINTED, U.N.O.

INTERIOR FINISH COLOR SCHEDULE

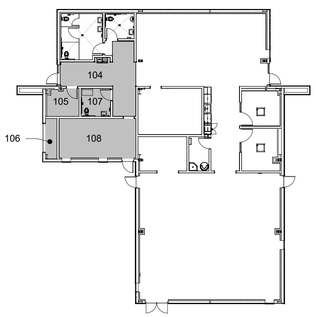
MARK	MATERIAL	MFR. (BASIS OF DESIGN)	FINISH	COLOR	PAINT SYSTEM
CT-1	CERAMIC WALL TILE, (2X2)	DAL-TILE	FACTORY FINISH		-
FRP	FIBERGLASS REINFORCED PANEL	MARLITE	FACTORY FINISH	P100 WHITE	
GB	GYPSUM BOARD	SHERWIN WILLIAMS (PAINT)	PAINT	SHOJI WHITE - 7042	PI-12
S-1	EXPOSED STEEL	SHERWIN WILLIAMS (PAINT)	PAINT	SHOJI WHITE - 7042	PI-41
RB-1	6" RUBBER BASE	BURKE MERCER FLOORING PROD.	FACTORY FINISH	BLACK BROWN - 523	-

NOTE:
1. FINAL COLOR SELECTIONS TO BE MADE BY ARCHITECT.
2. FOR MIRROR ANCHORAGE SEE 6 / A003
3. FOR GRAB BAR ANCHORAGE SEE 15 / A003

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	MFR.	MODEL NO.	REMARKS
A	MIRROR (18" X 30")	BOBRICK	B-165	SURFACE MTD.
B	PAPER TOWEL DISPENSER	BOBRICK	B-3944	RECESSED
C	TOILET TISSUE DISPENSER	BOBRICK	B-2888	SURFACE / PARTITION MTD.
D	TOILET SEAT COVER DISPENSER	BOBRICK	B-4221	SURFACE MTD.
E	SANITARY NAPKIN DISPOSAL UNIT	BOBRICK	B-270	SURFACE MTD.
F	SOAP DISPENSER	BOBRICK	B-82216	SURFACE MTD.
G	GRAB BAR, REAR	BOBRICK	B-6806 SERIES	42" LONG
H	GRAB BAR, SIDE	BOBRICK	B-6806 SERIES	48" LONG

KEY PLAN



PLOT DATE: 11/20/2025 1:50:20 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 38648 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
INTERIOR ELEVATIONS

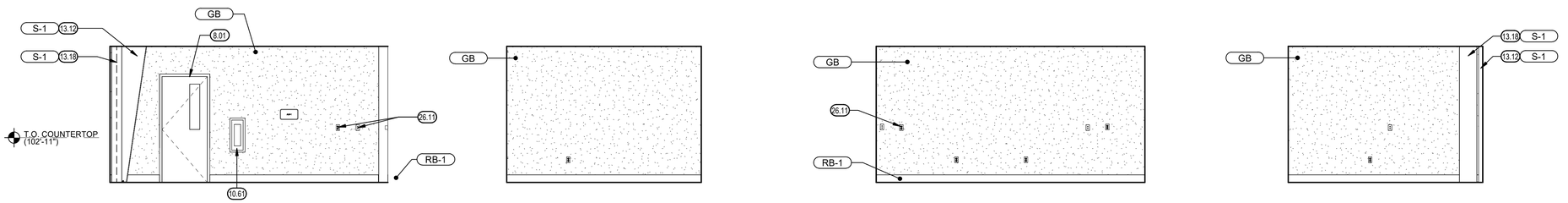
PROJECT NO.
12500

DRAWING
A821

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

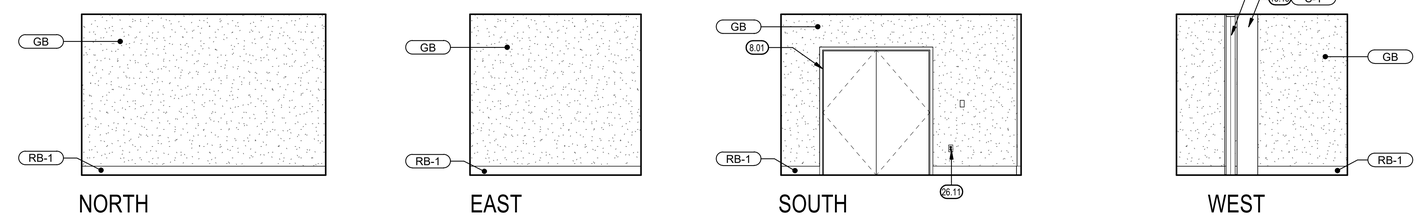
MEETING - 109

1/4" = 1'-0" | 1



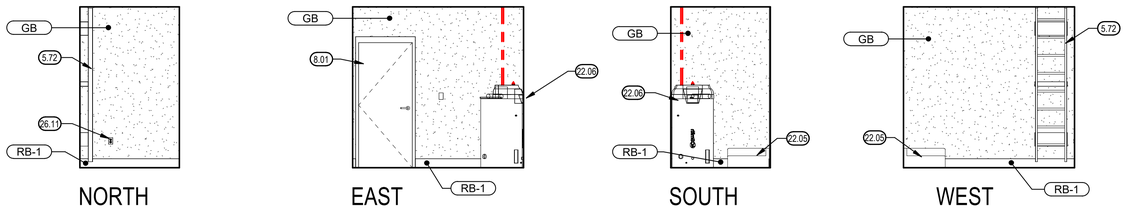
STORAGE - 110

1/4" = 1'-0" | 2



JANITOR'S CLOSET - 111

1/4" = 1'-0" | 3



KEYNOTES (00.00)

5.72	LADDER TO MECHANICAL ACCESS THROUGH CEILING, SEE 10 / A730
8.01	DOOR AND FRAME AS SCHEDULED, TYP.
10.61	FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER, SEE
13.12	METAL BUILDING COLUMN, TYP., SEE PRE-ENGINEERED METAL BUILDING DRAWINGS / A003
13.18	METAL BUILDING PORTAL FRAME, TYP.
22.05	MOP SINK, SEE PLUMBING
22.06	WATER HEATER, SEE PLUMBING
26.11	RECEPTACLE, TYP. - SEE ELECTRICAL

GENERAL NOTES

A. KEYNOTES APPLY TO THIS DRAWING ONLY.

B. FOR SUPPORT REQUIREMENTS FOR LIGHT FIXTURES OR HVAC SYSTEM REGISTERS, SEE MECHANICAL AND ELECTRICAL.

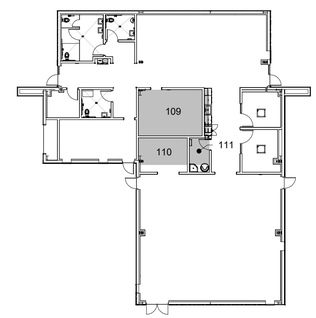
C. ALL EXPOSED CEILINGS/STRUCTURES TO BE PAINTED, U.N.O.

INTERIOR FINISH COLOR SCHEDULE

MARK	MATERIAL	MFR. (BASIS OF DESIGN)	FINISH	COLOR	PAINT SYSTEM
CT-1	CERAMIC WALL TILE, (2X2)	DAL-TILE	FACTORY FINISH		-
FRP	FIBERGLASS REINFORCED PANEL	MARLITE	FACTORY FINISH	P100 WHITE	
GB	GYPSUM BOARD	SHERWIN WILLIAMS (PAINT)	PAINT	SHOJI WHITE - 7042	PI-12
S-1	EXPOSED STEEL	SHERWIN WILLIAMS (PAINT)	PAINT	SHOJI WHITE - 7042	PI-41
RB-1	6" RUBBER BASE	BURKE MERCER FLOORING PROD.	FACTORY FINISH	BLACK BROWN - 523	-

NOTE:
1. FINAL COLOR SELECTIONS TO BE MADE BY ARCHITECT.
2. FOR MIRROR ANCHORAGE SEE 6 / A003
3. FOR GRAB BAR ANCHORAGE SEE 15 / A003

KEY PLAN



PLOT DATE: 11/20/2025 1:50:36 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 38648 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

TETER

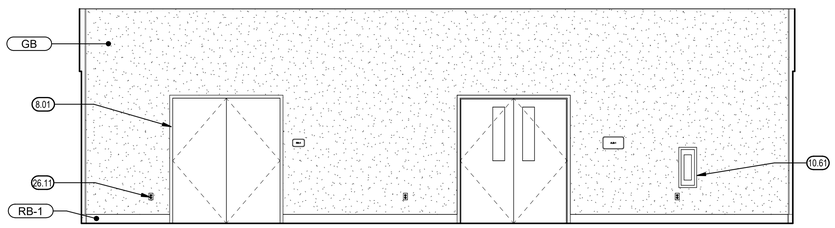
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
INTERIOR ELEVATIONS

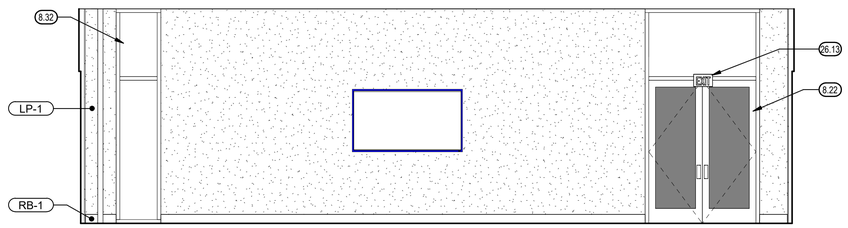
PROJECT NO.
12500

DRAWING
A822

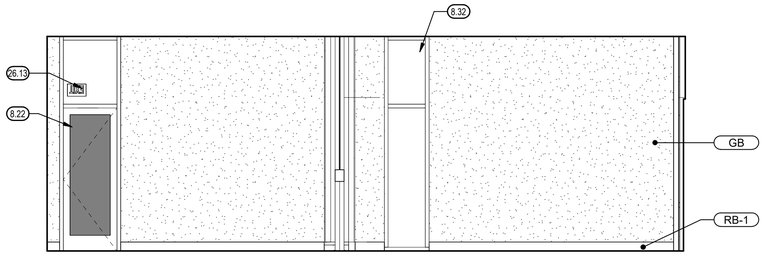
\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt



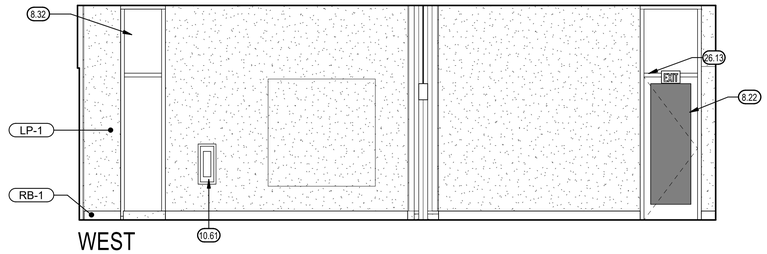
NORTH



SOUTH



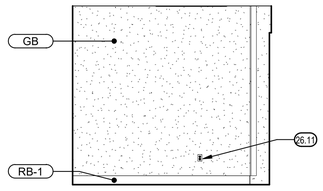
EAST



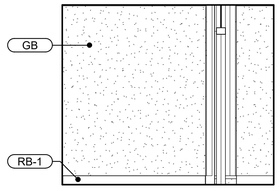
WEST

COMMUNITY ROOM - 112

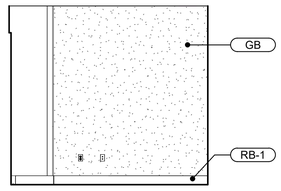
1/4" = 1'-0" | 2



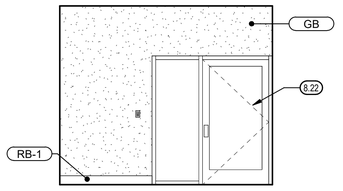
NORTH



EAST



SOUTH



WEST

OFFICE - 113

1/4" = 1'-0" | 3

KEYNOTES (00.00)

8.01	DOOR AND FRAME AS SCHEDULED, TYP.
8.22	ALUMINUM STOREFRONT DOOR(S), TYP., SEE WINDOW SCHEDULE
8.32	WINDOW, TYP. - SEE WINDOW SCHEDULE
10.61	FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER, SEE
26.11	RECEPTACLE, TYP. - SEE ELECTRICAL
26.13	EXIT SIGN, SEE ELECTRICAL

GENERAL NOTES

A. KEYNOTES APPLY TO THIS DRAWING ONLY.

B. FOR SUPPORT REQUIREMENTS FOR LIGHT FIXTURES OR HVAC SYSTEM REGISTERS, SEE MECHANICAL AND ELECTRICAL.

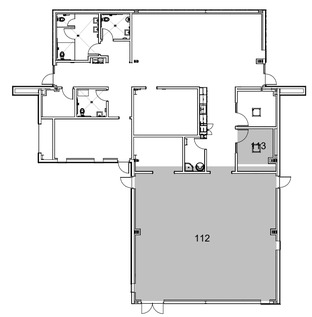
C. ALL EXPOSED CEILINGS/STRUCTURES TO BE PAINTED, U.N.O.

INTERIOR FINISH COLOR SCHEDULE

MARK	MATERIAL	MFR. (BASIS OF DESIGN)	FINISH	COLOR	PAINT SYSTEM
CT-1	CERAMIC WALL TILE, (2X2)	DAL-TILE	FACTORY FINISH		-
FRP	FIBERGLASS REINFORCED PANEL	MARLITE	FACTORY FINISH	P100 WHITE	
GB	GYPSUM BOARD	SHERWIN WILLIAMS (PAINT)	PAINT	SHOJI WHITE - 7042	PI-12
S-1	EXPOSED STEEL	SHERWIN WILLIAMS (PAINT)	PAINT	SHOJI WHITE - 7042	PI-41
RB-1	6" RUBBER BASE	BURKE MERCER FLOORING PROD.	FACTORY FINISH	BLACK BROWN - 523	-

NOTE:
1. FINAL COLOR SELECTIONS TO BE MADE BY ARCHITECT.
2. FOR MIRROR ANCHORAGE SEE 6 / A003
3. FOR GRAB BAR ANCHORAGE SEE 15 / A003

KEY PLAN



PLOT DATE: 11/20/2025 1:50:51 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31640 STATE OF CALIFORNIA

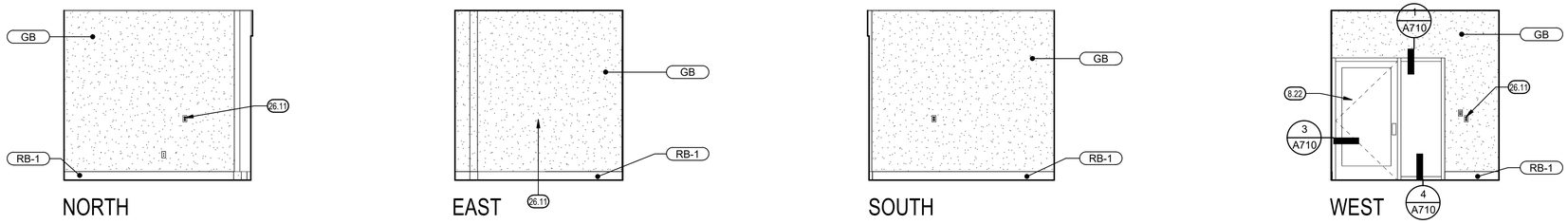
TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
INTERIOR ELEVATIONS

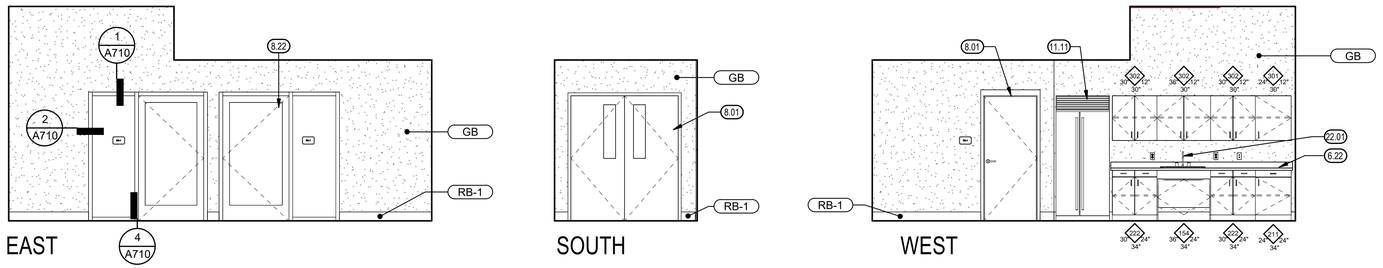
PROJECT NO.
12500

DRAWING
A823



OFFICE - 114

1/4" = 1'-0" | 1



CORRIDOR - 115

1/4" = 1'-0" | 2

KEYNOTES ⟨0.0⟩

6.22	PLASTIC LAMINATE COUNTER TOP, TYP., SEE INTERIOR ELEVATIONS
8.01	DOOR AND FRAME AS SCHEDULED, TYP.
8.22	ALUMINUM STOREFRONT DOOR(S), TYP., SEE WINDOW SCHEDULE
11.11	REFRIGERATOR (O.F.O.I.)
22.01	ACCESSIBLE PLUMBING FIXTURE, TYP., SEE PLUMBING
26.11	RECEPTACLE, TYP. - SEE ELECTRICAL

GENERAL NOTES

A. KEYNOTES APPLY TO THIS DRAWING ONLY.

B. FOR SUPPORT REQUIREMENTS FOR LIGHT FIXTURES OR HVAC SYSTEM REGISTERS, SEE MECHANICAL AND ELECTRICAL.

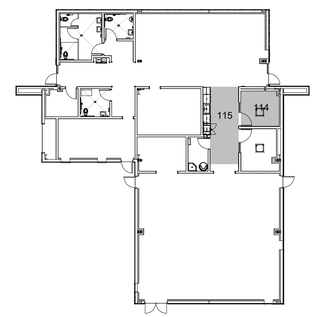
C. ALL EXPOSED CEILINGS/STRUCTURES TO BE PAINTED, U.N.O.

INTERIOR FINISH COLOR SCHEDULE

MARK	MATERIAL	MFR. (BASIS OF DESIGN)	FINISH	COLOR	PAINT SYSTEM
CT-1	CERAMIC WALL TILE, (2X2)	DAL-TILE	FACTORY FINISH		-
FRP	FIBERGLASS REINFORCED PANEL	MARLITE	FACTORY FINISH	P100 WHITE	
GB	GYPSUM BOARD	SHERWIN WILLIAMS (PAINT)	PAINT	SHOJI WHITE - 7042	PI-12
S-1	EXPOSED STEEL	SHERWIN WILLIAMS (PAINT)	PAINT	SHOJI WHITE - 7042	PI-41
RB-1	6" RUBBER BASE	BURKE MERCER FLOORING PROD.	FACTORY FINISH	BLACK BROWN - 523	-

NOTE:
1. FINAL COLOR SELECTIONS TO BE MADE BY ARCHITECT.
2. FOR MIRROR ANCHORAGE SEE 6 / A003
3. FOR GRAB BAR ANCHORAGE SEE 15 / A003

KEY PLAN



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
B	11/21/25	100% CD - APPROVAL

LICENSED ARCHITECT STEVEN M. POLANCO C. 31647 STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
INTERIOR ELEVATIONS

PROJECT NO.
12500

DRAWING
A824

PLOT DATE: 11/20/2025 1:51:07 PM

\\tetr-file1\Users\steven.polanco_TETR\Documents\12500-A-PC_CULTURAL_teterae.rvt

STRUCTURAL NOTES:

I. DESIGN CRITERIA:

1. DESIGN CONFORMS TO THE CALIFORNIA BUILDING CODE (CBC), 2022 EDITION, AND AMENDMENTS BY THE LOCAL JURISDICTION.
2. DEAD LOAD: BASED ON WEIGHTS OF EXISTING AND NEW MATERIALS OF CONSTRUCTION.
3. LIVE LOADS:
   - LOW CEILING = 40 PSF
4. SEISMIC (ASCE 7-16):
   - SEISMIC DESIGN CATEGORY = D
   - IMPORTANCE FACTOR (I) = 1.0
   - SITE CLASS = D
   - LAT., LONG (34.6626, -120.4670)
   - MAPPED VALUES S_S = 0.585; S_1 = 0.226
   - SEISMIC VALUES S_{DS} = 0.519; S_{D1} = 0.323
5. WIND LOADS (ASCE 7-16):
   V = 92 MPH BASIC WIND SPEED
   RISK CATEGORY = II
   EXPOSURE = C

II. STRUCTURAL DRAWINGS:

1. NOTES, TYPICAL DETAILS AND SCHEDULES APPLY TO ALL STRUCTURAL WORK UNLESS NOTED OTHERWISE. FOR CONDITIONS NOT SPECIFICALLY SHOWN PROVIDE DETAILS OF A SIMILAR NATURE. VERIFY APPLICABILITY WITH THE ENGINEER IF NEEDED.
2. REVIEW ALL EXISTING FEATURES AND CONDITIONS UPON WHICH THESE DRAWINGS RELY.
3. COMPARE STRUCTURAL DRAWINGS WITH THE VARIOUS OTHER DRAWINGS AND SPECIFICATIONS BEFORE COMMENCING THE WORK. NOTIFY THE ENGINEER OF ANY DISCREPANCIES AND DO NOT PROCEED WITH AFFECTED WORK UNTIL THEY ARE RESOLVED.
4. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONAL INFORMATION.
5. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR INSERTS, SLEEVES, BLOCKOUTS AND OTHER CONDITIONS.
6. SEE ARCHITECTURAL DRAWINGS FOR ALL WATERPROOFING AND DAMPPROOFING DETAILS.

III. CONSTRUCTION:

1. ALL WORK SHALL CONFORM TO CALIFORNIA BUILDING CODE, 2019 EDITION.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION OF THIS BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ANY SHORING, BRACING AND SCAFFOLDING REQUIRED TO COMPLETE THIS WORK. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING, BRACING AND SCAFFOLDING IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL SAFETY ORDINANCES. SHORING AND BRACING SHALL REMAIN IN PLACE UNTIL FLOORS, ROOFS, WALLS, AND SHEATHING THAT AFFECT THE SHORED PORTION OF THE WORK HAVE BEEN ENTIRELY CONSTRUCTED. THE ENGINEER'S PRESENCE OR REVIEW OF THE WORK DOES NOT INCLUDE THE ADEQUACY OF THE CONTRACTOR'S METHODS OR MEASURES.
3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE AND MINIMIZE MOVEMENT/SETTLEMENT OF EXISTING OR NEW CONSTRUCTION INSIDE OR OUTSIDE OF THE PROJECT LIMITS. THE CONTRACTOR SHALL PROVIDE AND BE RESPONSIBLE FOR ALL SHORING, BRACING, AND SOIL RETENTION SYSTEMS NEEDED TO BRING THE PROJECT TO ITS PERMANENT (AS DESIGNED) CONDITION.
4. THE CONTRACTOR'S TEMPORARY MEASURES SHALL BE ARRANGED OR DESIGNED SO AS TO NOT ALTER OR AFFECT THE PERMANENT STRUCTURE.
5. THE IMPOSED CONSTRUCTION LOADS SHALL NOT BE MORE THAN DESIGN LIVE LOADS.
6. WORK SHALL INCLUDE REPAIR AND/OR REPLACEMENT OF DEFECTIVE ITEMS.
7. OPENINGS IN FLOORS, SHEAR WALLS, BEAMS, OR JOISTS LARGER THAN THOSE SHOWN ON TYPICAL DETAILS OR STRUCTURAL DRAWINGS SHALL BE REVIEWED BY STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE WORK.

IV. EXISTING CONDITIONS:

1. INFORMATION REGARDING EXISTING CONDITIONS IS PRESENTED FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE STARTING WORK AND NOTIFY THE ARCHITECT AND ENGINEER OR ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
2. THE REMOVAL, CUTTING, DRILLING, ETC. OF EXISTING WORK SHALL BE PERFORMED WITH GREAT CARE AND SMALL TOOLS IN ORDER TO NOT JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING. IF STRUCTURAL MEMBERS NOT INDICATED FOR REMOVAL INTERFERE WITH THE NEW WORK, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY AND PRIOR APPROVAL OBTAINED BEFORE PROCEEDING WITH THE WORK.

V. EXCAVATION, UNDERPINNING AND SHORING:

1. THE CONTRACTOR SHALL PROVIDE ALL MEASURES AND PRECAUTIONS NECESSARY TO PREVENT DAMAGE AND MINIMIZE SETTLEMENT OF EXISTING OR NEW CONSTRUCTION INSIDE OR OUTSIDE OF THE PROJECT LIMITS. ANY DAMAGE TO NEW OR EXISTING CONSTRUCTION INSIDE OR OUTSIDE OF THE PROJECT LIMITS CAUSED BY CONSTRUCTION TECHNIQUES OR MOVEMENTS OF THE SOIL RETENTION SYSTEMS IS THE RESPONSIBILITY OF THE CONTRACTOR.
2. DESIGN AND CONSTRUCTION OF TEMPORARY AND/OR PERMANENT UNDERPINNING, SHORING AND BULK HEADING FOR EARTH RETENTION DURING EXCAVATION SHALL BE BY AN EXPERIENCED SUBCONTRACTOR WHO SPECIALIZES IN THIS TYPE OF WORK.
3. SHORING, UNDERPINNING, AND EARTH RETENTION CALCULATIONS AND DRAWINGS, IF REQUIRED, SHALL BE PREPARED AND SUBMITTED TO THE SOILS ENGINEER AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION. CALCULATIONS AND DRAWINGS SHALL BE PREPARED UNDER THE SUPERVISION OF, AND SIGNED AND STAMPED BY A CIVIL ENGINEER LICENSED IN THE STATE OF CALIFORNIA.
4. THE CONTRACTOR SHALL COORDINATE ALL ELEMENTS OF THE SOIL RETENTION SYSTEMS WITH ALL ELEMENTS OF THE PERMANENT BUILDING.
5. THE EXCAVATION SEQUENCES SHALL BE CONTROLLED TO MATCH THE REQUIREMENTS OF THE DESIGN OF THE SOIL RETENTION SYSTEM AND TO PERMIT MONITORING OF WALL AND GROUND MOVEMENTS.
6. PRIOR TO ANY EXCAVATION OR INSTALLATION OF ELEMENTS OF THE SOIL RETENTION SYSTEM, THE CONTRACTOR SHALL ESTABLISH BENCH MARKS AROUND THE PERIMETER OF THE AREA TO BE EXCAVATED. THESE MARKS SHALL BE SURVEYED FOR VERTICAL AND HORIZONTAL MOVEMENT AT WEEKLY INTERVALS DURING ACTUAL EXCAVATION AND CONTINUING DURING EACH SUBSEQUENT PHASE OF THE WORK AND SUBMITTED TO THE ENGINEER FOR REVIEW. SEE THE SOILS REPORT FOR SPECIFIC RECOMMENDATIONS.
7. THE CONTRACTOR SHALL PROVIDE POSITIVE PROTECTION (MAT/SHEET COVERINGS) FOR ALL EXCAVATION SLOPES TO PROTECT SLOPES FROM INSTABILITY AND DETERIORATION DUE TO RAIN OR WIND.
8. THE OWNER'S SOIL TESTING LABORATORY SHALL REVIEW AND MONITOR THE EXCAVATION, DEWATERING AND SOIL RETENTION SYSTEMS. THE CONTRACTOR SHALL PROVIDE, INSTALL AND SURVEY:
   A. VERTICAL AND HORIZONTAL MOVEMENTS OF THE TOP OF THE SOIL RETENTION SYSTEM.
   B. BENCH MARKS ADJACENT TO AND AWAY FROM THE SITE PERIMETER FOR VERTICAL AND HORIZONTAL MOVEMENTS.
   C. OBSERVATION WELLS FOR MONITORING WATER LEVELS BELOW GROUND SURFACE.

VI. FOUNDATIONS / SITE PREPARATION:

1. FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL INVESTIGATION REPORT ENTITLED "GEOTECHNICAL ENGINEERING INVESTIGATION, PROPOSED ALLIED HEALTH BUILDING PORTERVILLE COLLEGE 100 E COLLEGE AVENUE PORTERVILLE, CALIFORNIA", DATED 02/03/2020, BY KRAZAN & ASSOCIATES, INC.
   CONTINUOUS FOOTINGS:
   MAXIMUM SOIL PRESSURE = 3,000 PSF DL + LL
   = 4,000 PSF DL + LL + SEISMIC/WIND
   ISOLATED FOOTINGS:
   MAXIMUM SOIL PRESSURE = 3,000 PSF DL + LL
   = 4,000 PSF DL + LL + SEISMIC/WIND
2. ALL SITE GRADING, FILLS AND SOIL PREPARATION SHALL CONFORM TO THE SOIL REPORT AND ALL WORK SHALL BE DONE UNDER THE SUPERVISION OF THE OWNER'S SOIL TESTING LABORATORY OR THE SOILS ENGINEER.
3. FOOTINGS SHALL EXTEND TO MINIMUM DEPTH NOTED ON DETAILS INTO ENGINEERED FILL. FOOTINGS MAY BE POURED IN NEAT EXCAVATED TRENCHES, PROVIDED PRECAUTIONS ARE TAKEN TO INSURE NO CAVING OR SLUFFING OCCURS WHICH WILL RESULT IN UNSUITABLE BASE CONDITIONS OR INCLUSION OF SOIL MATERIAL IN THE CONCRETE WORK.
4. MATERIALS FOR SUB-CAPILLARY BREAK UNDER CONCRETE SLABS ON GRADE SHALL BE FREE-DRAINING GRAVEL OR CRUSHED ROCK. NOT MORE THAN 25% OF ROCK MAY PASS A 1/2" SIEVE AND NOT MORE THAN 6% MAY PASS A 3/8" SIEVE. ROCK COURSE SHALL BE ROLLED TO A SMOOTH SURFACE. A 2" MINIMUM LAYER OF CLEAN, IMPORTED AND SAND SHALL BE PLACED OVER THE SUB-SLAB VAPOR BARRIER OR MEMBRANE. MOISTEN SAND JUST PRIOR TO POURING CONCRETE SLAB.
5. FOOTING EXCAVATIONS SHALL BE CLEANED OF LOOSE SOILS. NO FOUNDATIONS SHALL BE POURED INTO OR AGAINST SUB-GRADE CONTAINING FREE WATER. DEWATERING, IF REQUIRED, MUST BE CAREFULLY AND PROPERLY DONE TO AVOID DISTURBING THE FOUNDATION SOILS. OVER-EXCAVATED AREA FOUNDATIONS MUST BE BACKFILLED WITH CONCRETE.
6. A GEOTECHNICAL ENGINEER SHALL BE RETAINED TO PROVIDE OBSERVATION AND TESTING SERVICES DURING THE GRADING AND FOUNDATION PHASE OF CONSTRUCTION PER GEOTECHNICAL REPORT RECOMMENDATIONS. INSPECTION AND TESTING REPORTS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT.

VII. CONCRETE WORK:

1. CONTRACTOR SHALL SUBMIT FOR REVIEW BY THE ARCHITECT THE CONTRACTOR'S PROPOSED CONCRETE MIXES, DESIGNED BY THE CONCRETE SUPPLIER AND REVIEWED BY THE OWNER'S TESTING AGENCY. (INCLUDE INFORMATION TO SHOW CONFORMANCE WITH MATERIAL, STRENGTH, AND PROPORTIONING REQUIREMENTS OF THE CONTRACT DOCUMENTS.)
2. CONTRACTOR SHALL INFORM THE ENGINEER AT LEAST 2 DAYS PRIOR TO POURING ANY STRUCTURAL CONCRETE FOR THE OPPORTUNITY TO REVIEW THE WORK PRIOR TO PLACEMENT.
3. PROVIDE CONCRETE IN CONFORMANCE WITH THE FOLLOWING SPECIFICATIONS:

ITEM	COMPRESSIVE STRENGTH	SLUMP[B]	W/C[C] RATIO	UNIT WT.
SLAB ON GRADE	3,000 PSI L.S.[D]	3 1/2"	0.45	150 PCF
FOOTINGS & GRADE BEAMS	3,000 PSI	3 1/2"	0.50	150 PCF

   A. ASTM C94 MINIMUM 28 DAY ULTIMATE COMPRESSIVE STRENGTH.
   B. WATER CONSISTENT SLUMP WITH PROPER PLACING.
   C. WATER TO CEMENT RATIO.
   D. L.S. = LOW SHRINKAGE MIX, SEE LINE 7.
4. PROPORTION CONCRETE WITH A MINIMUM OF 20% AND A MAXIMUM OF 30% FLY ASH OR 50% SLAG REPLACEMENT.
5. USE WATER THAT IS CLEAN AND FREE FROM INJURIOUS AMOUNTS OF OILS, ACIDS, ALKALIS, SALTS, ORGANIC MATERIALS, OR OTHER SUBSTANCES DELETERIOUS TO CONCRETE OR REINFORCEMENT. NO CALCIUM CHLORIDE SHALL BE USED IN ANY CONCRETE.
6. USE 1"x#4 MAXIMUM AGGREGATE WHEREVER CLEARANCES PERMIT. USE ¾" MAXIMUM AGGREGATE ONLY WHERE NECESSARY FOR PROPER PLACING, SUCH AS IN THIN SECTIONS, ETC.
7. ALL CONCRETE USED IN SUSPENDED SLAB AND SLABS IN GRADE SHALL BE DESIGNED FOR LOW SHRINKAGE (L.S.). ACCEP/TABLE COURSE AGGREGATES FOR LOW SHRINKAGE CONCRETE INCLUDE KAISER CLAYTON, GRANITE ROCK, LIMESTONE, SECHELT, OR ORCAS AGGREGATES. FINE AGGREGATES ACCEP/TABLE FOR LOW SHRINKAGE CONCRETE INCLUDE SECHELT OR ORACAS SANDS, ALTERNATE AGGREGATES MAY BE SUBMITTED PROVIDED THEY PROVIDE A CONCRETE MIX WITH SHRINKAGE LIMITATION OF 0.040% AFTER 28 DAYS OF DYING. SUBMIT TEST TO ARCHITECT AND ENGINEER FOR REVIEW.
8. WHERE NOT SHOWN ON STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND LOCATIONS OF SLAB AND WALL OPENINGS, SLAB EDGE LOCATIONS, INTERIOR CONCRETE WALLS AND CURBS, TOP OF FLOOR SLAB ELEVATIONS, SLAB DEPRESSIONS REQUIRED TO ACCOMMODATE FLOOR FINISH DETAILS, AND CONCRETE STAIRS.
9. PIPES, SLEEVES, AND OTHER EMBEDDED ITEMS OTHER THAN ELECTRICAL CONDUIT LESS THAT 1" DIAMETER MAXIMUM SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE OR INTERRUP/T REINFORCING BARS UNLESS APPROVED BY ENGINEER OF RECORD.
10. ALL REINFORCING EMBEDMENTS, INSERTS, ETC. SHALL BE POSITIVELY SECURED IN PROPER LOCATION BEFORE CONCRETE IS PLACED. PROVIDE SUFFICIENT SUPPORT TO PREVENT DISPLACEMENT DURING PLACING AND FINISHING OPERATIONS.
11. ALL CONCRETE EXCEPT SLABS ON GRADE 6" THICK OR LESS SHALL BE MECHANICALLY VIBRATED SO AS TO COMPLETELY FILL THE FORMS WITHOUT CAUSING UNDUE SEGREGATION.
12. HORIZONTAL CONSTRUCTION JOINTS SHALL BE LOCATED AS SHOWN ON THE DRAWINGS, AND THE HARDENED CONCRETE SURFACES SHALL BE CLEANED BY SAND-BLASTING OR OTHER APPROVED MEANS TO EXPOSE FIRMLY EMBEDDED AGGREGATES PRIOR TO POURING ADDITIONAL CONCRETE IN CONTACT WITH THESE SURFACES.
13. FORMS SHALL BE PROPERLY CONSTRUCTED CONFORMING TO CONCRETE SURFACES AS SHOWN ON THE DRAWINGS, SUFFICIENTLY TIGHT TO PREVENT LEAKAGE, SUFFICIENTLY STRONG AND BRACED TO MAINTAIN THEIR SHAPE AND ALIGNMENT UNTIL NO LONGER NEEDED TO SUPPORT THE CONCRETE. FORMS AND SHORING SHALL NOT BE REMOVED UNTIL THE CONCRETE HAS ATTAINED SUFFICIENT STRENGTH TO WITHSTAND ALL LOADS TO BE IMPOSED WITHOUT EXCESSIVE STRESS, CREEP, OR DEFLECTION.
14. GENERAL CONTRACTOR TO COORDINATE SIZE AND LOCATION OF EQUIPMENT PADS WITH MECHANICAL CONTRACTOR.

VIII. CONCRETE REINFORCING STEEL:

1. REINFORCING BARS SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60 FOR ALL BAR SIZES AND ASTM A706 GRADE 60 FOR ALL WELDED BARS.
2. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 IN FLAT SHEETS, AND IN SLABS MAY BE RAISED INTO POSITION DURING THE CONCRETE POURING OPERATION. LAP WIRE FABRIC 12" MINIMUM.
3. ALL CONCRETE REINFORCEMENT SHALL BE DETAILED, FABRICATED, LABELED, SUPPORTED AND SPACED IN FORMS AND SECURED IN PLACE IN ACCORDANCE WITH THE PROCEDURES REQUIREMENTS OUTLINED IN THE LATEST EDITION OF THE "BUILDING CODE REQUIREMENTS FOR AND REINFORCED CONCRETE," ACI 318 AND THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES," ACI 315.
4. UNLESS OTHERWISE NOTED, MAINTAIN COVERAGE TO FACE OF BARS AS FOLLOWS:
   A. CONCRETE CAST AGAINST EARTH 3"
   B. FORMED SURFACES EXPOSED TO EARTH OR WEATHER
      - NO. 5 AND SMALLER, WIRE MESH 1½"
      - ALL OTHER BARS 2"
   C. JOISTS, SUSPENDED SLABS, INTERIOR WALL SURFACES
      - NO. 11 AND SMALLER ¾"
      - NO. 14 AND LARGER 1½"
   D. COLUMNS, BEAMS 1½"
5. REINFORCING SHALL BE CONTINUOUS WITH SPLICES ONLY WHERE SHOWN.
6. FOR MINIMUM LAP LENGTH, SEE SCHEDULE UNLESS OTHERWISE NOTED. SPLICES TO BE STAGGERED SO THAT HALF OR LESS OF BARS ARE LAPPED AT ONE POINT.
7. BAR SUPPORTS IN CONTACT WITH EXPOSED SURFACES SHALL BE PLASTIC TIPPED.
8. BEAM AND SLAB REINFORCING SHALL NOT BE SLEEVED OR OTHERWISE INTERRUP/TED EXCEP/T AS SHOWN ON THE STRUCTURAL DRAWINGS. ALL WALLS AND SLABS SHALL BE DOWELED INTO FOOTINGS, WALLS, BEAMS, GIRDERS, COLUMNS OR SLABS WITH BARS OF THE SAME SIZE AND SPACING, UNLESS NOTED OTHERWISE.
9. ADDITIONAL BARS SHALL BE PROVIDED AROUND ALL FLOOR AND WALL OPENINGS, AS SHOWN ON DETAILS.
10. CHECKED SHOP DRAWINGS SHOWING REINFORCING DETAILS, INCLUDING BAR SIZES, SPACING AND PLACEMENT SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.

IX. METAL BUILDING SYSTEM:

1. METAL BUILDING SYSTEMS AS DESCRIBED WITHIN THESE NOTES, PLANS, AND DETAILS SHALL BE DESIGNED AND MANUFACTURED BY STEEL BUILDINGS & COMPONETS OR APPROVED (BY ARCHITECT/ENGINEERING OF RECORD) EQUIVALENT.
2. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AND STRUCTURAL CALCULATIONS TO THE BUILDING DEPARTMENT AND ARCHITECT/ENGI OF RECORD FOR THEIR REVIEW PRIOR TO FABRICATION.
3. THE METAL BUILDING SYSTEM SHALL CONSIST OF THE FOLLOWING COMPONENTS (BUT NOT LIMITED TO):
   A. STRUCTURAL STEEL RIGID FRAMES
   B. LATERAL (EIND/SEISMIC BRACING SYSTEMS, PERPENDICULAR TO STEEL RIGID FRAMES)
   C. ROOF PURLINS/EAVES
   D. ROOF BRACING SYSTEMS
   E. ROOF DECKING
   F. WALL FRAMING SYSTEMS
   G. ANCHOR BOLTS AND ALL OTHER HARDWARE REQUIRED FOR ASSEMBLY, BRACING, AND SECURING
4. THE CONTRACTOR SHALL TAKE CARE TO COORDINATE BETWEEN METAL BUILDING SYSTEM AND OTHER FRAMING SYSTEMS
5. THE CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER OF RECORD OF ANY DISCREPANCIES BETWEEN METAL BUILDING SYSTEM AND OTHER FRAMING SYSTEMS
6. PRIOR TO EXCAVATION OF FOUNDATION SYSTEM, CONTRACTOR SHALL VERIFY ANCHOR BOLT SIZE AND LOCATIONS WITH METAL BUILDING SYSTEM

X. TESTING AND INSPECTION:

1. SPECIAL INSPECTIONS SHALL BE PERFORMED BY AN APPROVED INDEPENDENT TESTING AND INSPECTION AGENCY OR AS INDICATED BELOW.
2. THE INSPECTION AGENCY SHALL BE RETAINED BY AND PAID FOR BY THE OWNER.
3. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER, PRIOR TO BEGINNING CONSTRUCTION, A DETAILED LIST OF "SPECIAL INSPECTION" ITEMS INDICATING THE SCOPE OF TESTING AND INSPECTION AND THE AGENCY OR ENGINEER PERFORMING THE WORK.
4. THE INSPECTION AGENCY SHALL PROVIDE INSPECTION REPORTS TO THE ARCHITECT & STRUCTURAL ENGINEER. THE REPORTS SHALL INCLUDE ANY ITEMS WHICH ARE IN NON-COMPLIANCE WITH THE DESIGN DOCUMENTS.
5. THE STRUCTURAL ENGINEER WILL REQUIRE A FINAL REPORT FROM THE INSPECTION AGENCY. THE REPORT NEEDS TO SHOW THAT ALL DEFICIENCIES MENTIONED IN EARLIER REPORTS HAVE BEEN CORRECTED. COPIES OF THE TESTING AND INSPECTION REPORT SHALL BE SENT TO THE BUILDING DEPARTMENT, ARCHITECT, STRUCTURAL ENGINEER AND OWNER.
6. PROVIDE "SPECIAL INSPECTIONS" FOR ALL ITEMS AS REQUIRED BY THE CALIFORNIA BUILDING CODE, 2016 EDITION, SEE SHEET S-1.0 UNDER "SPECIAL INSPECTION AND STRUCTURAL OBSERVATION."

   INSPECTION BY INDEPENDENT AGENCY:
   A. SPECIAL INSPECTION OF FOUNDATION EXCAVATIONS SHALL BE PERFORMED BY THE GEOTECHNICAL ENGINEER.
   B. CONCRETE PLACEMENT: DURING THE TAKING OF TEST SPECIMENS AND PLACING OF REINFORCED CONCRETE, EXCEP/T CONCRETE WHERE THE SPECIFIED STRENGTH IS 2,500 PSI OR LESS. FOUR TEST CYLINDERS FROM EACH 150 CUBIC YARDS OR FRACTION THEREOF POURED IN ANY ONE DAY SHALL BE SECURED AND REPORTED BY AN INDEPENDENT TESTING AGENCY; ONE TO BE TESTED AT 7 DAYS, TWO AT 28 DAYS, AND THE FOURTH HELD IN RESERVE.
   C. CONCRETE REINFORCING STEEL: DURING PLACING OF REINFORCING STEEL. EXCEPTION: THE SPECIAL INSPECTOR NEED NOT BE PRESENT DURING ENTIRE REINFORCING STEEL-PLACING OPERATIONS, PROVIDED HE/SHE HAS INSPECTED FOR CONFORMANCE WITH THE APPROVED PLANS PRIOR TO THE CLOSING OF FORMS OR THE DELIVERY OF CONCRETE TO THE JOBSITE.
   D. BOLTS CAST IN CONCRETE: PRIOR TO AND DURING THE PLACEMENT OF CONRETE AROUND BOLTS.

XI. STRUCTURAL OBSERVATIONS:

1. THE STRUCTURAL ENGINEER WILL REPORT ANY OBSERVED DEFICIENCIES TO THE OWNER, CONTRACTOR OR BUILDING OFFICIAL FOLLOWING SITE VISITS. THE STRUCTURAL ENGINEER WILL PROVIDE A WRITTEN REPORT TO THE ARCHITECT AFTER EACH SITE VISIT. HOWEVER, THE STRUCTURAL ENGINEERS SITE VISITS ARE NOT CONSIDERED AS INSPECTION VISITS. THE INSPECTION AGENCY RETAILED AND PAID FOR BY THE OWNER SHALL PROVIDE INSPECTION REPORTS TO THE ARCHITECT/STRUCTURAL ENGINEER. THE REPORTS SHALL INCLUDE ANY ITEMS WHICH ARE IN NON-COMPLIANCE WITH THE DESIGN DOCUMENTS.
2. AFTER THE STRUCTURAL ENGINEER RECEIVES THE FINAL REPORT, FROM THE SPECIAL INSPECTION AGENCY, THE STRUCTURAL ENGINEER WILL SUBMIT A FINAL SUMMARY REPORT DOCUMENTING SITE VISITS AND OBSERVATIONS, NOTING ANY DEFICIENCIES CORRECTIVE WORK HAS BEEN COMPLETED, AND THAT CONSTRUCTION PROCEEDED IN ACCORDANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND APPLICABLE CODES AND REGULATIONS PER SECTION 1704 OF THE CALIFORNIA BUILDING CODE.
3. STRUCTURAL OBSERVATION BY THE DESIGN ENGINEER IS REQUIRED AT THE FOLLOWING PHASES, AND PRIOR TO COVERING WITH WORK:
   A. BEFORE CLOSING OF FORMS - FOUNDATION REINFORCING AND BOLTS INSTALLED IN CONCRETE.
4. FOR A COMPLETE LIST OF REQUIRED "STRUCTURAL OBSERVATION" SEE SHEET S-000 UNDER "SPECIAL INSPECTION AND STRUCTURAL OBSERVATION"

ABBREVIATIONS:

A&B	ABOVE AND BELOW
ACI	AMERICAN CONCRETE INSTITUTE
AB	ANCHOR BOLT
ABV	ABOVE
ADDL	ADDITIONAL
ADJ	ADJACENT
AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
APPROX	APPROXIMATE
AR	ANCHOR ROD
ARCH	ARCHITECT
AWP	ALIGN W/ POST
BF	BRACED FRAME
BLDG	BUILDING
BLKG	BLOCKING
BLW	BELOW
BM	BEAM
BN	BOUNDARY NAIL
BOF	BOTTOM OF FOOTING
BOD	BOTTOM OF DECK
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BP	BEARING PLATE / BASE PLATE
BRG	BEARING
BS	BOTH SIDES
C	CAMBER
CANT	CANTILEVER
CFS	COLD FORM STEEL
CGS	CENTER OF GRAVITY STRAND
CIP	CAST-IN-PLATE
CJ	CONTROL JOINT
CJP	COMPLETE JOINT PENETRATION
℄	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMP	COMPRESSION
CONC	CONCRETE
CONFIG	CONFIGURATION
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
d	PENNY (NAIL)
db	NOMINAL BAR DIAMETER
DBA	DEFORMED BAR ANCHOR
DBL	DOUBLE
DET	DETAIL
DF	DOUGLAS FIR
DIA, Ø	DIAMETER
DIAG	DIAGONAL
DIAPH	DIAPHRAGM
DIM(S)	DIMENSION(S)
DL	DEAD LOAD
DWG(S)	DRAWING(S)
(E), EXIST	EXISTING
EA	EACH
ELEC	ELECTRICAL
ELEV	ELEVATION
EMBED	EMBEDMENT
EN	EDGE NAIL
EOR	ENGINEER OF RECORD
EQ	EQUAL
EXT	EXTERIOR
FDN	FOUNDATION
FG	FINISH GRADE
FF	FINISHED FLOOR
FFE	FINISHED FLOOR ELEVATION
FN	FIELD NAIL
FRMG	FRAMING
FRP	FIBER REINFORCED POLYMER
FT	FOOT
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GB#	GRADE BEAM
GL	GRIDLINE
GLB	GLU-LAM BEAM
GYP	GYPSUM
HD	HOLDOWN
HDG	HOT-DIP GALVANIZED
HSA	HEADED STUD ANCHOR
HDP	HAND DUG PIER
HDR	HEADER
HORIZ	HORIZONTAL
HSB	HIGH-STRENGTH BOLT
HSS	HOLLOW STRUCTURAL STEEL
IBC	INTERNATIONAL BUILDING CODE
ICC	INTERNATIONAL CODE COUNCIL
IN	INCH
INFO	INFORMATION
INT	INTERIOR
INV	INVERTED
K	KIPS
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
L	ANGLE
LB(S)	POUND(S)
LL	LIVE LOAD
LLBB	LONG LEGS BACK-TO-BACK
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
LSH	LONG SIDE HORIZONTAL
LSV	LONG SIDE VERTICAL
LW	LIGHT WEIGHT
LVL	LAMINATED VENEER LUMBER
LVP	LOW VELOCITY PIN
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MC	MISCELLANEOUS CHANNEL
MECH	MECHANICAL
MEP	MECHANICAL/ ELECTRICAL/ PLUMBING
MEZZ	MEZZANINE
MF	MOMENT FRAME
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
(N)	NEW
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NS	NEAR SIDE
NTS	NOT TO SCALE
O/	OVER
OC	ON CENTER
OH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OWJ	OPEN WEB JOIST
PAF	POWER ACTUATED FASTENER
PERIM	PERIMETER
PERP	PERPENDICULAR
℗	PROPERTY LINE
PJP	PARTIAL JOINT PENETRATION
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PWD	PLYWOOD
PREFAB	PREFABRICATE(D)
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PARALLEL STRAND LUMBER
P/T	PRESSURE TREATED
PT	POST TENSIONED
PTDF	PRESSURE TREATED DOUGLAS FIR
QTY	QUANTITY
R&R	REMOVE AND REPLACE
R	RADIUS
REF	REFERENCE
REINF	REINFORCE; REINFORCING; REINFORCEMENT
REQD	REQUIRED
REV	REVISION
S	AMERICAN STANDARD SHAPE
SAD	SEE ARCHITECTURAL DRAWINGS
SCHED	SCHEDULE
SECT	SECTION
SEOR	STRUCTURAL ENGINEER OF RECORD
SF	SQUARE FOOT
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SLBB	SHORT LEGS BACK-TO- BACK
SLD	SEE LANDSCAPE DRAWINGS
SMD	SEE MECHANICAL DRAWINGS
SN	SHEAR NAIL
SOG	SLAB ON GRADE
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STRUCT	STRUCTURAL
SW	SHEAR WALL
SSW	SIMPSON STRONG WALL
SYM	SYMMETRICAL
T&B	TOP & BOTTOM
T&G	TONGUE & GROOVE
TBA	TO BE ABANDONED
TBD	TO BE DETERMINED
TBR	TO BE REMOVED
TEMP	TEMPORARY
THK	THICK
THRU	THROUGH
TN	TOE NAIL
TOC	TOP OF CONCRETE
TOD	TOP OF DECK
TOF	TOP OF FOOTING
TOGB	TOP OF GRADE BEAM ELEVATION
TOS	TOP OF STEEL
TOW	TOP OF WALL
TOPC	TOP OF PILE CAP ELEVATION
TOP	TOP OF PIER
TRANS	TRANSVERSE
TRIM	TRIMMER
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
URM	UNREINFORCED MASONRY
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WF	WIDE FLANGE
WL	WIND LOAD
WT	WEIGHT; STRUCTURAL TEE CUT FROM W SHAPE
WWF	WELDED WIRE FABRIC
YD	YARD

SPECIAL INSPECTION AND STRUCTURAL OBSERVATION :

EMPLOYMENT OF SPECIAL INSPECTION IS THE DIRECT RESPONSIBILITY OF THE OWNER.
SPECIAL INSPECTOR SHALL BE ONE OF THOSE AS PRESCRIBED IN SECTION 1701.2.
STRUCTURAL OBSERVATION SHALL BE PERFORMED AS PROVIDED BY SECTION 1710. A PRECONSTRUCTION CONFERENCE IS RECOMMENDED FOR OWNER/BUILDER OR DESIGNER/BUILDER PROJECTS, COMPLEX AND HIGHRISE PROJECTS, AND FOR PROJECTS UTILIZING NEW PROCESSES OR MATERIALS. IN ACCORDANCE WITH SECTIONS 1701; 1703; AND 1704 (2019 CBC). SPECIAL INSPECTION AND/OR TESTING IS

STRUCTURAL NOTES:

XII. COLD-FORMED STEEL FRAMING:

1. COLD-FORMED STEEL FRAMING SHALL BE FABRICATED AND ERECTED ACCORDING TO MANUFACTURERS RECOMMENDATIONS. ALL STRUCTURAL PROPERTIES SHALL BE COMPUTED IN ACCORDANCE WITH AISI "SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS," LATEST EDITION.
2. UNLESS OTHERWISE NOTED, STEEL SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
   A. FOR 16 GAUGE AND HEAVIER UNITS ASTM A653/A653M, MINIMUM 50 KSI YIELD.
   B. FOR 18 GAUGE AND LIGHTER UNITS ASTM A653/A653M, MINIMUM 33 KSI YIELD.
3. WELDING OF COLD-FORMED STEEL SHALL BE WITH FILLET WELDS EQUAL IN THICKNESS OF THE THINNER OF THE TWO SECTIONS BEING JOINED. ALL WELDED CONNECTIONS SHALL BE WELDED AS SHOWN ON THE STRUCTURAL DRAWINGS. DOUBLE VERTICAL STUDS SHALL BE STITCH WELDED TOGETHER ON BOTH FLANGES WITH 1/16" GROOVE WELDS x 1" LONG AT 12" ON CENTER, UNLESS OTHERWISE NOTED.
4. STUDS SHALL BE INSTALLED WITH THEIR BEARING ENDS POSITIONED FLUSH AGAINST THE INSIDE OF THE TRACK WEB, UNLESS OTHERWISE NOTED.
5. SHOTPINS, SHOWN FOR CONNECTIONS TO CONCRETE, CMU, OR CONCRETE TOPPING, SHALL BE HILTI X-U P8, ICC #ESR-2269, OR EQUAL.
   MINIMUM SPACING 1-1/2 INCHES OC
   MINIMUM EDGE DISTANCE (W-DECK) 1-1/8 INCH
   MINIMUM EDGE DISTANCE (B-DECK) 7/8 INCH
6. SHOTPINS SHOWN FOR CONNECTIONS TO STRUCTURAL STEEL FRAMING OR DECK CLOSURE PLATE SHALL BE HILTI X-U 16 P8, ICC #ESR-2269, OR EQUAL. FASTENER LENGTH SHALL PENETRATE THROUGH THE STRUCTURAL STEEL THICKNESS.
   - MINIMUM SPACING 1-1/2 INCHES OC
   - MINIMUM EDGE DISTANCE 1/2 INCH
7. FLOOR AND CEILING JOISTS SHALL ALIGN WITH WALL STUDS BELOW, UNO

XIII. LOW VELOCITY PINS (LVP):

1. WHERE LVP IS INDICATED ON PLANS OR DETAILS, PROVIDE POWDER ACTUATED FASTENERS WITH LOW VELOCITY CHARGES OF SIZE AND SPACING SHOWN, MANUFACTURED BY HILTI (ICC ESR-1663, ESR-2269), OR DEWALT (ICC ESR-2024). (CONTRACTOR MAY SUBMIT OTHER LOW VELOCITY PINS FOR AN APPROVAL, ALONG WITH AN ICC-ES OR IAPMO UES REPORT DEMONSTRATING COMPLIANCE WITH 2021 IBC FOR THE SPECIFIC PRODUCT.)

XIV. EXPANSION ANCHORS:

1. EXPANSION ANCHORS SHALL BE KB-TZ2 AS MANUFACTURED BY HILTI, INC. (ICC ESR-4266), OR POWER STUD+SD2 AS MANUFACTURED BY DEWALT (ICC ESR-2502) FOR USE IN CONCRETE. ALL DRILLED HOLES SHALL BE SIZED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. (CONTRACTOR MAY SUBMIT OTHER EXPANSION ANCHORS FOR APPROVAL, ALONG WITH AN ICC-ES OR IAPMO UES REPORT DEMONSTRATING COMPLIANCE WITH THE 2021 IBC FOR THE SPECIFIC PRODUCT.)

XV. CHANNEL STRUT:

1. STRUT STRENGTH AND FINISH SHALL BE AS FOLLOWS:
   - CHANNEL STRUT MEMBERS, 12 GA. 33 KSI, GALVANIZED (HOT-DIP GALVANIZED, PERMAGREEN) ALL ANGLES, CONNECTORS & MISCELLANEOUS 1/4" PLATE A-36, GALVANIZED.
2. STRUT SHALL BE 1⅝" x 1⅝" x 12 GA. AND CONFORM WITH MFMA GUIDELINES, UNLESS NOTED OTHERWISE.
3. ACCEPTABLE STRUT MANUFACTURERS ARE:
   - COOPER B-LINE
   - TOLCO
   - UNISTRUT
4. ALL-WELD SECTIONS, DESIGNATED AS "AW", SHALL BE STITCH WELDED WITH AN ADDITIONAL ⅛"x2" BEVEL WELD ON BOTH SIDES AT 12" OC
5. DO NOT MIX COMPONENTS OF TWO OR MORE PRE-APPROVED BRACING SYSTEMS. ANY SUBSTITUTION OF A COMPONENT OF A PRE-APPROVED BRACING SYSTEM REQUIRES A LETTER FROM THE MANUFACTURER AND THE APPROVAL OF OSHPD.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

FTF ENGINEERING, INC
38 Mason Street, 2nd Floor
San Francisco, CA 94102
Tel.: 415-931-8460
Fax: 415-931-8461
www.ftfengineering.com

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE

100 E. COLLEGE AVE
PORTERVILLE, CA

JITJAN VAN EECKHOUT
No. 55394
REGISTERED PROFESSIONAL ENGINEER
STRUCTURAL
STATE OF CALIFORNIA

#:	ISSUE OR △ REVISION:	DATE:
	90% CD	11/08/2024

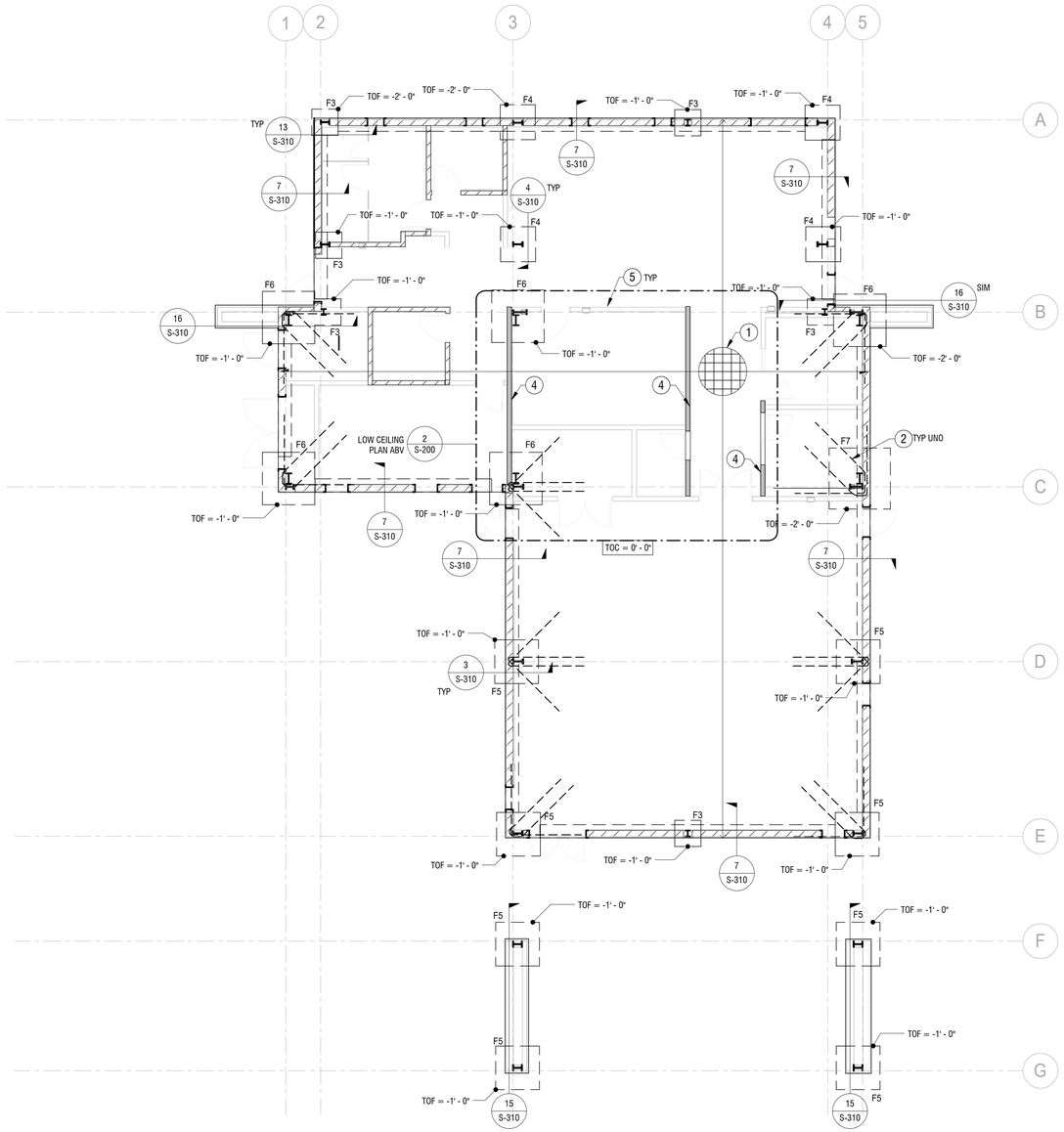
JOB #: 22-543

SCALE: 12" = 1'-0"

SHEET TITLE: GENERAL NOTES II

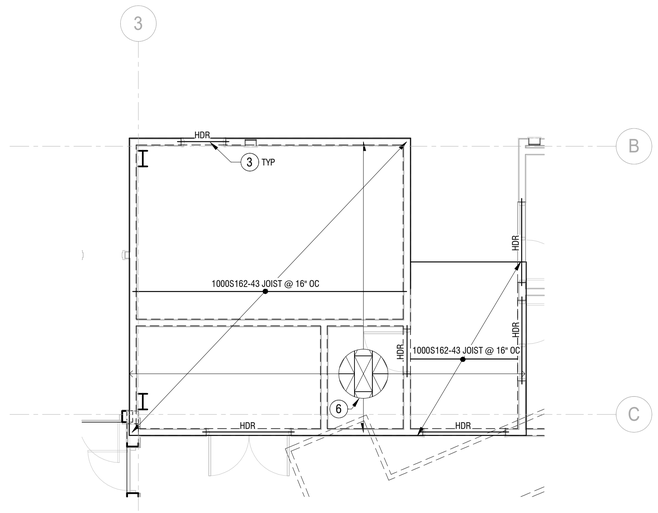
SHEET #: S-001

These drawings and specifications, and the concepts embodied in them, are the original work of FTF Engineering, Inc. and may not be used, disclosed, or duplicated without written consent of FTF Engineering, Inc. whether the project for which they were made is executed or not, unless otherwise agreed by contract.



1 FOUNDATION PLAN

1/8" = 1'-0"



2 LOW CEILING FRAMING PLAN

3/16" = 1'-0"

SHEET NOTES

#	NOTE
1	6" CONCRETE SLAB ON GRADE W/ #4 @ 16" O.C. EA. WAY, PER DET 5/S-310.
2	(2) #5 HAIRPIN W/ 10'-0" LEGS. SEE DET 4/S-300.
3	HEADER PER SCHEDULE ON 7/S-700
4	METAL STUD BEARING WALLS PER SCHEDULE ON 7/S-700
5	NONBEARING METAL STUD WALLS PER SCHEDULE ON 7/S-700
6	PLYWOOD CEILING SHEATHING SHALL BE 3/4 INCH APA RATED SHEATHING. ALL CEILING SHEATHING SHALL BE LAID WITH FACE GRAIN PERPENDICULAR TO THE JOISTS. STAGGER SIDE JOINTS. ATTACH ALL PLYWOOD EDGES WITH #8 SMS SCREWS @ 6" OC AND INTERIOR BEARINGS WITH #8 SMS SCREWS @ 12" OC, UNLESS NOTED OTHERWISE. SCREWS SHALL BE FLUSH, BUT SHALL NOT FRACTURE THE SURFACE OF THE PLYWOOD.

LEGEND

- WALLS (ALL MATERIALS)
- WALLS BELOW (ALL MATERIALS)
- CONCRETE CURB PER DET 7/ S-310
- BEARING WALLS (ALL MATERIALS)
- DOOR OPENING IN PLAN
- WINDOW OPENING IN PLAN
- STEEL (CHANNEL) COLUMN
- STEEL COLUMN
- (#) REFERS TO NOTE #
- EXTENTS OF JOISTS

FOOTING SCHEDULE

FOOTING MARK	LENGTH	WIDTH	DEPTH	REINF	ANCHOR BEARING PLATE	ANCHOR MATERIAL	MIN EMBED
F3	3'-0"	3'-0"	1'-6"	(4) #5 T&B EA WAY	SEE PEMB PLANS	F1554 GR36	1'-0"
F4	4'-0"	4'-0"	1'-6"	(6) #5 T&B EA WAY	SEE PEMB PLANS	F1554 GR36	1'-0"
F5	5'-0"	5'-0"	1'-6"	(7) #5 T&B EA WAY	SEE PEMB PLANS	F1554 GR36	1'-0"
F6	6'-0"	6'-0"	1'-6"	(8) #5 T&B EA WAY	SEE PEMB PLANS	F1554 GR36	1'-0"
F7	7'-0"	7'-0"	1'-6"	(9) #5 T&B EA WAY	SEE PEMB PLANS	F1554 GR36	1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

FTF ENGINEERING, INC
38 Mason Street, 2nd Floor
San Francisco, CA 94102
Tel.: 415-931-8460
Fax: 415-931-8461
www.ftfengineering.com

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE

100 E. COLLEGE AVE
PORTERVILLE, CA

WILLIAM VAN EXCKHOUT
No. S5394
STRUCTURAL
STATE OF CALIFORNIA

#:	ISSUE OR △ REVISION:	DATE:
	90% CD	11/08/2024

JOB #: 22-543

SCALE: As indicated

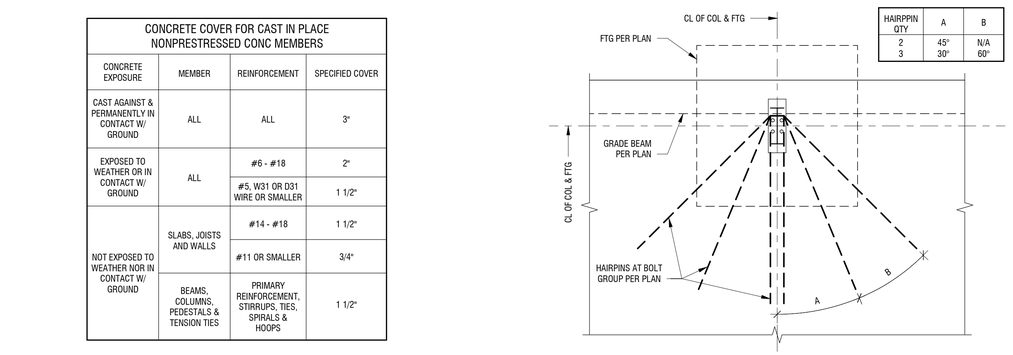
SHEET TITLE:
FOUNDATION PLAN & LOW CEILING FRAMING PLAN

SHEET #:
S-200

N

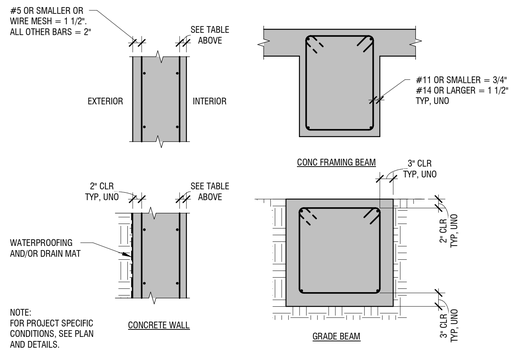
These drawings and specifications, and the concepts embodied in them, are the original work of FTF Engineering, Inc. and may not be used, disclosed, or duplicated without written consent of FTF Engineering, Inc. whether the project for which they were made is executed or not, unless otherwise agreed by contract.

CONCRETE COVER FOR CAST IN PLACE NONPRESTRESSED CONC MEMBERS			
CONCRETE EXPOSURE	MEMBER	REINFORCEMENT	SPECIFIED COVER
CAST AGAINST & PERMANENTLY IN CONTACT W/ GROUND	ALL	ALL	3"
EXPOSED TO WEATHER OR IN CONTACT W/ GROUND	ALL	#6 - #18	2"
		#5, W31 OR D31 WIRE OR SMALLER	1 1/2"
NOT EXPOSED TO WEATHER NOR IN CONTACT W/ GROUND	SLABS, JOISTS AND WALLS	#14 - #18	1 1/2"
		#11 OR SMALLER	3/4"
	BEAMS, COLUMNS, PEDESTALS & TENSION TIES	PRIMARY REINFORCEMENT, STIRRUPS, TIES, SPIRALS & HOOPS	1 1/2"

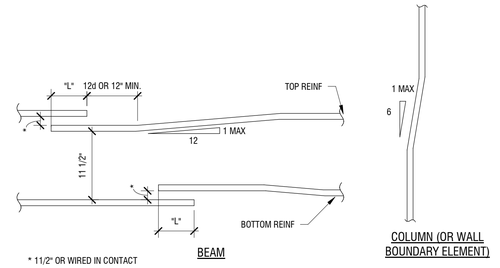


HAIRPPIN QTY	A	B
2	45°	N/A
3	30°	60°

4 FLARED HAIRPIN
3/8" = 1'-0"

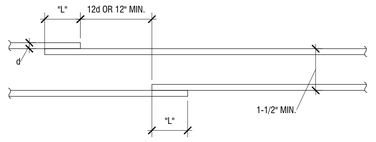


7 TYPICAL COVERAGE TO FACE OF REBAR
NO SCALE



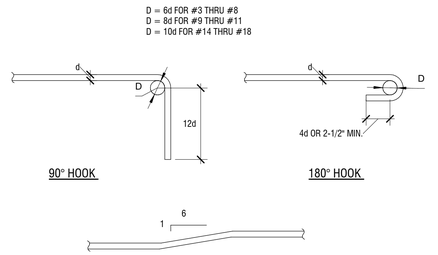
* 11/2" OR WIRED IN CONTACT

A BOUNDARY, COLUMN AND BEAM REINFORCING SPECIAL DETAIL

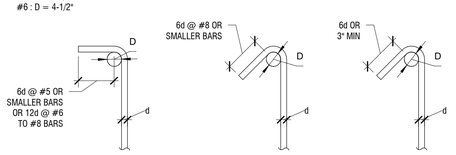


A WALL OR SLAB REINFORCING SPLICE DETAIL

PRINCIPAL REINFORCING



TIES & STIRRUPS



NOTES:
1. ALL BENDS SHALL BE MADE COLD.
2. #14 AND #18 BARS SHALL BE BEND-TESTED AND APPROVED PRIOR TO BENDING.

5 STANDARD HOOK & TIE DETAILS
NO SCALE

REINFORCING BAR SPLICE AND STRAIGHT DEVELOPMENT LENGTHS SCHEDULE											
NORMAL WEIGHT CONCRETE REF: ACI318-14											
TENSION SPLICE	f'c PSI	BAR SIZE (GR. 60)	#3	#4	#5	#6	#7	#8	#9	#10	#11
CLASS A & STRAIGHT DEVELOPMENT LENGTHS, L (IN)	2,500	TOP	24"	32"	39"	47"	69"	78"	88"	100"	110"
		OTHER	18"	24"	30"	36"	53"	60"	68"	77"	85"
	3,000	TOP	22"	29"	36"	43"	63"	72"	81"	91"	101"
		OTHER	17"	22"	28"	33"	48"	55"	62"	70"	78"
	4,000	TOP	19"	25"	31"	37"	54"	62"	70"	79"	87"
		OTHER	15"	19"	24"	29"	42"	48"	54"	61"	67"
CLASS B, L (IN)	2,500	TOP	31"	41"	51"	61"	89"	102"	115"	129"	143"
		OTHER	24"	32"	39"	47"	69"	78"	88"	100"	110"
	3,000	TOP	28"	38"	47"	56"	81"	93"	105"	118"	131"
		OTHER	22"	29"	36"	43"	63"	72"	81"	91"	101"
	4,000	TOP	25"	33"	41"	49"	71"	81"	91"	102"	114"
		OTHER	19"	25"	31"	37"	54"	62"	70"	79"	87"
NOTE: PROVIDE 30% LONGER LAP LENGTH FOR LIGHTWEIGHT CONCRETE.											

NOTES:
1. CLASS "A" SPLICES SHALL BE USED WHEN ONE-HALF OR LESS OF THE TOTAL REINFORCEMENT IS SPLICED WITHIN THE REQUIRED LAP LENGTH.
2. CLASS "B" SPLICES SHALL BE USED WHEN MORE THAN ONE-HALF OF THE TOTAL REINFORCEMENT IS SPLICED WITHIN THE REQUIRED LAP LENGTH.
3. db = NOMINAL DIAMETER OF A BAR.
4. TOP BARS ARE HORIZONTAL REINFORCING WITH MORE THAN 12" OF CONCRETE BELOW THE BAR.
5. OTHER BARS ARE ALL VERTICAL, ALL HORIZONTAL WALL REINFORCING, AND HORIZONTAL REINFORCING WITH LESS THAN 12" OF CONCRETE BELOW BAR.
6. SMALLER BAR LAP LENGTH MAY BE USED WHEN SPLICING DIFFERENT SIZE BARS.
7. LAP SPLICES ARE NOT PERMITTED IF MECHANICAL SPLICES ARE SHOWN.
8. NON-CONTACT LAP SPLICED BARS SHALL NOT BE SPACED TRANSVERSELY FURTHER APART THAN 20% OF THE REQUIRED LAP LENGTH OR 6 INCHES.
9. LAP TOP BARS @ MIDSPAN AND BOTTOM BARS @ SUPPORTS UNLESS OTHERWISE SHOWN.
10. BUNDLED BAR SPLICES:
    A. INDIVIDUAL BAR SPLICES WITHIN THE BUNDLE SHALL NOT OVERLAP EACH OTHER.
    B. INCREASE LAP LENGTH 20% @ THREE BARS.
    C. INCREASE LAP LENGTH 33% @ FOUR BARS.

1 REINFORCING BAR SPLICE SCHEDULE & NOTES
NO SCALE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

FTF ENGINEERING, INC
38 Mason Street, 2nd Floor
San Francisco, CA 94102
Tel.: 415-931-8460
Fax: 415-931-8461
www.ftfengineering.com

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE

100 E. COLLEGE AVE
PORTERVILLE, CA

#:	ISSUE OR △ REVISION:	DATE:
	90% CD	11/08/2024

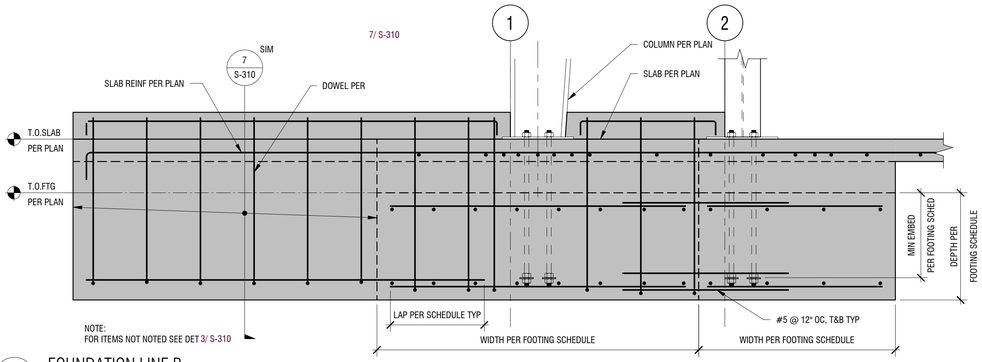
JOB #: 22-543

SCALE: As indicated

SHEET TITLE: CONCRETE DETAILS I

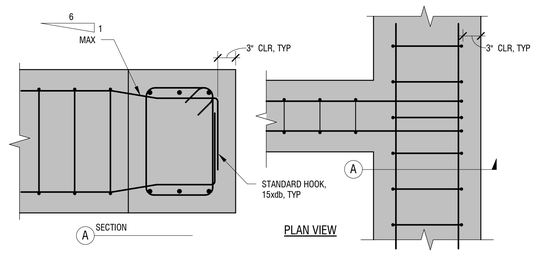
SHEET #: S-300

These drawings and specifications, and the concepts embodied in them, are the original work of FTF Engineering, Inc. and may not be used, disclosed, or duplicated without written consent of FTF Engineering, Inc. whether the project for which they were made is executed or not, unless otherwise agreed by contract.



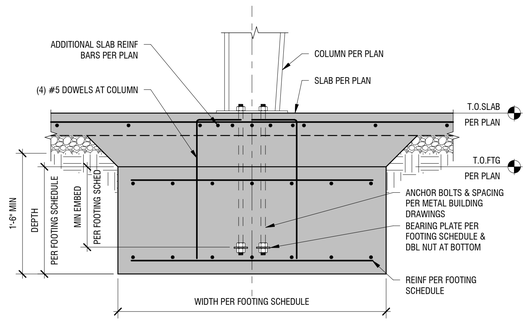
16 FOUNDATION LINE B

3/4" = 1'-0"



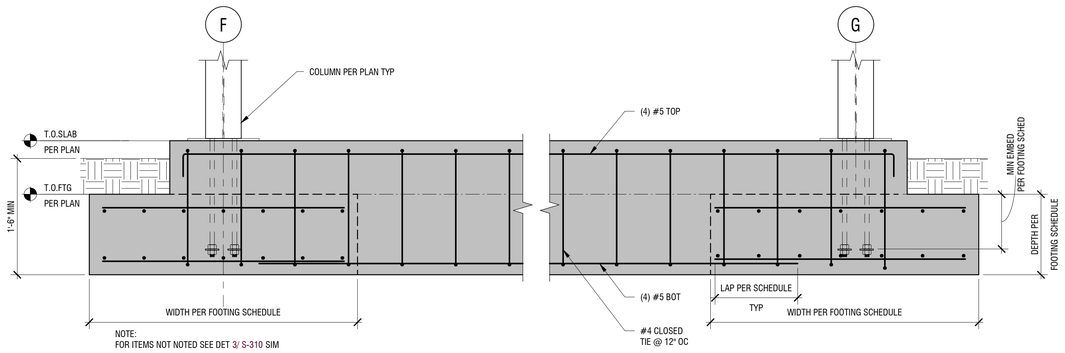
8 TYPICAL PRIMARY REINFORCEMENT AT GRADE BEAM INTERSECTION

1" = 1'-0"



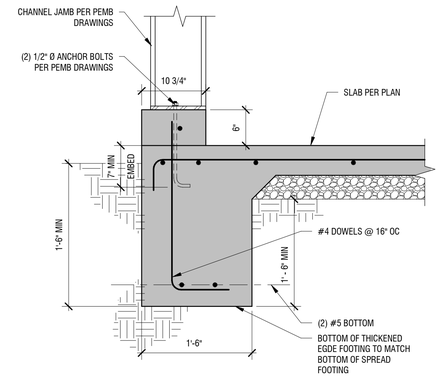
4 INTERIOR SPREAD FOOTING AT STEEL COLUMN

3/4" = 1'-0"



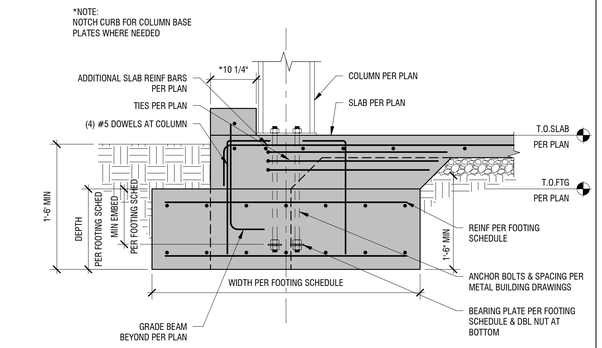
15 FOUNDATION LINE 3 & 5

3/4" = 1'-0"



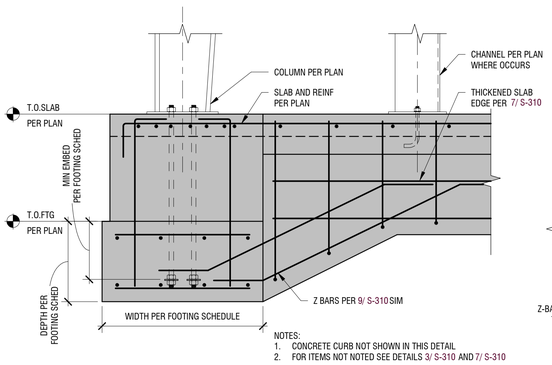
7 TYPICAL SLAB THICKENED EDGE

1" = 1'-0"



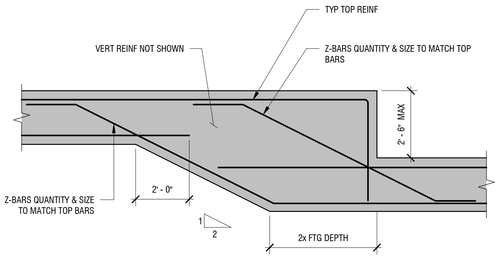
3 EXTERIOR SPREAD FOOTING AT STEEL COLUMN

3/4" = 1'-0"



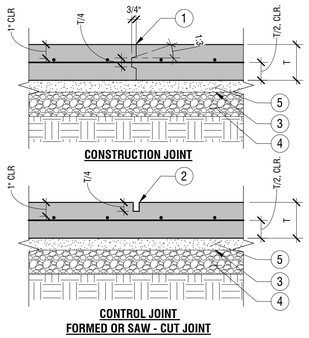
13 LINE A STEPPED FOUNDATION

3/4" = 1'-0"



9 STEP IN FOOTING DETAIL

NO SCALE



1 KEYED JOINT, CENTERED AT SLAB MID-DEPTH. PAINT W/ CURING COMPOUND AS BOND BREAK PRIOR TO ADJACENT SLAB CONCRETE PLACEMENT.

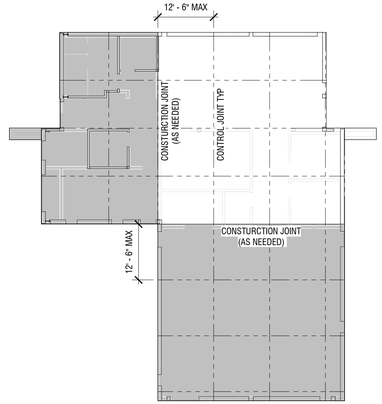
2 1/8" PRE-MOLDED STRIP FLUSH WITH SURFACE - OR - 1/8" SAW CUT SAWN THE SAME DAY AS CONCRETE PLACEMENT & FILLED WITH JOINT SEALER.

3 15 MILL VAPOR BARRIER (STEGOWRAP, MOISTOP-ULTRA, OR EQUIVALENT). WRAP UP TO UNDER SIDE OF SLAB DOWELS AT CONC WALLS AND COLS.

4 4" GRAVEL, 1/2" TO 3/4"Ø CLEAN CRUSHED ROCK PER SOIL REPORT.

5 CONTRACTORS OPTION TO PROVIDE 2" TO 4" OF SAND PER SOILS REPORT

A SLAB & UNDERLAYMENT



NOTES:
1. SLAB IS TO BE POURED IN PATTERN AS SHOWN
2. ALLOW 2 DAYS (MIN) BETWEEN PLACING ADJACENT SLABS
3. PROVIDE JOINTS @ 13'-0" OC MAX UNO ON PLANS

B PLACEMENT METHOD REQUIREMENTS

5 CONCRETE SLAB PLACEMENT ON GRADE METHOD

1" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

FTF ENGINEERING, INC
38 Mason Street, 2nd Floor
San Francisco, CA 94102
Tel.: 415-931-8460
Fax: 415-931-8461
www.ftfengineering.com

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE

100 E. COLLEGE AVE
PORTERVILLE, CA

#:	ISSUE OR △ REVISION:	DATE:
	90% CD	11/08/2024

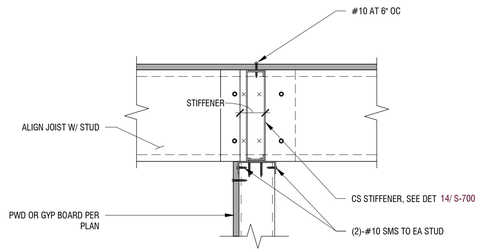
JOB #: 22-543

SCALE: As indicated

SHEET TITLE: FOUNDATION DETAILS

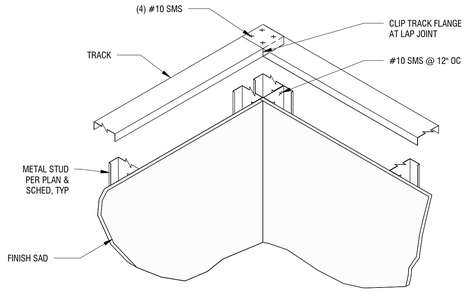
SHEET #: S-310

These drawings and specifications, and the concepts embodied in them, are the original work of FTF Engineering, Inc. and may not be used, disclosed, or duplicated without written consent of FTF Engineering, Inc. whether the project for which they were made is executed or not, unless otherwise agreed by contract.



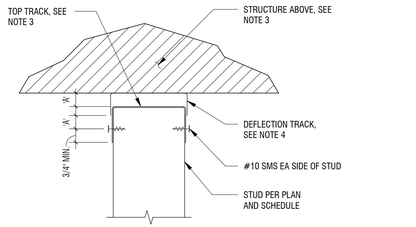
12 JOIST TO WALL

NO SCALE



8 TYPICAL WALL CORNER DETAIL

1" = 1'-0"

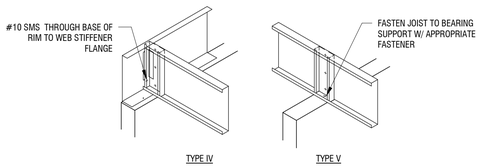


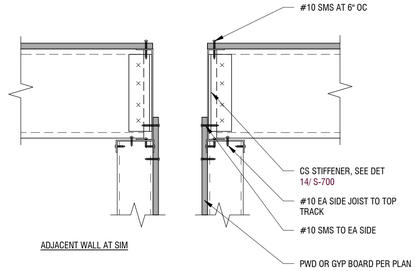
NOTES:
1. DIMENSION 'A' = 3/4-INCH GAP MINIMUM, SEE NOTE 2.
2. A GAP IS REQUIRED BETWEEN THE DEFLECTION TRACK FASTENERS AND THE TOP TRACK. AN EQUAL GAP IS REQUIRED BETWEEN THE DEFLECTION TRACK AND THE TOP TRACK SCREWS.
3. REFER TO DETAIL 13/ S-700 FOR DEFLECTION TRACK CONNECTIONS TO STRUCTURE ABOVE. FASTENERS NOT SHOWN FOR CLARITY.
4. TRACKS SHALL MATCH STUD WALL DEPTH (T150-54 MINIMUM), UNLESS NOTED OTHERWISE.
5. FOR ADDITIONAL INFORMATION, SEE .

4 DEFLECTION TRACK

3" = 1'-0"

NOTE:
STIFFENER MUST EXTEND TO WITHIN 1/8" OF TOP AND BOTTOM FLANGE OF JOIST.





WALL FRAMING SCHEDULE									
WALL HEIGHT	BEARING	OPENING WIDTH	WALL TYPE	WALL STUDS	BOX HEADER		JAMB STUDS		OPENING SILL TRACK
					DBL JOIST	TRACK	DOUBLE	SINGLE	
16'-0" MAX	NON-BEARING	4'-0"	3-5/8" STUD	362S162-43	362S125-33	362T125-33	362S162-43	-	-
		6'-0"	3-5/8" STUD	362S162-43	362S125-33	362T125-43	362S162-54	-	-
12'-0" MAX	BEARING	4'-0"	3-5/8" STUD	362S162-43	362S162-54	362T125-33	362S162-43	-	-
		6'-0"	3-5/8" STUD	362S162-43	362S162-68	362T125-33	362S162-43	-	-
	NON-BEARING	4'-0"	3-5/8" STUD	362S162-33	N/A	362T125-54	362S162-33	-	-
		6'-0"	3-5/8" STUD	362S162-33	362S125-33	362T125-33	362S162-33	-	-

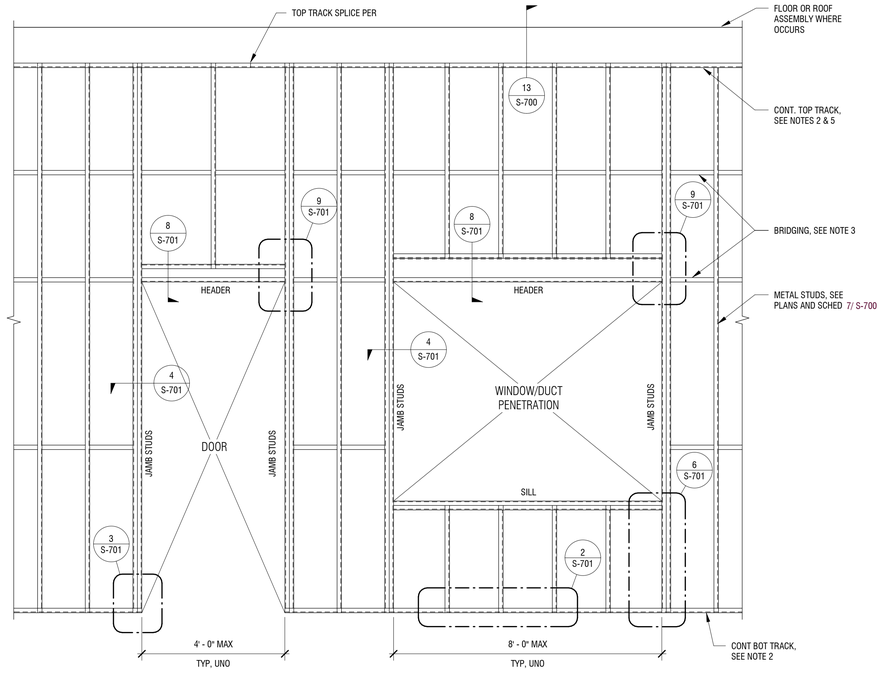
NOTES:
1. METAL STUDS TO BE LATERALLY BRACED EACH SIDE BY SHEATHING WITH FASTENERS SPACED AT 12" ON CENTER MAXIMUM, OR PROVIDE BRIDGING AT 4 FEET ON CENTER PER DETAIL .
2. SEE WALL ELEVATION ON DETAIL 5 / S-700 FOR FRAMING AND ADDITIONAL NOTES.
3. WHERE WALL TYPE INCLUDES PLYWOOD BACKING, PROVIDE #8 SCREWS AT 8" EDGE, 12' FIELD.
4. WALL MOUNT AND SEISMIC CLIP TO ATTACH INTO BACKING TRACK PER DETAIL 10 / S-701.
5. MAX HEIGHT INCLUDES FULL HEIGHT OF WALL IN UNBRACED CONDITION OR LEVEL OF BRACING ABOVE CEILING.

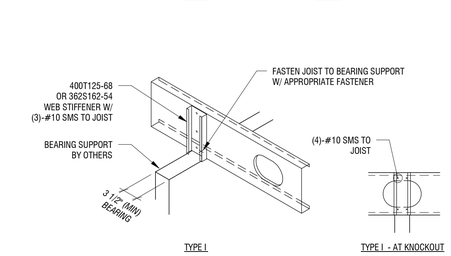
11 JOIST TO WALL

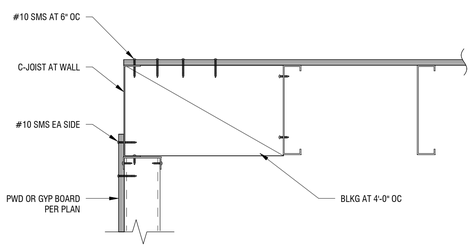
NO SCALE

7 METAL STUD WALL SCHEDULE

1/2" = 1'-0"





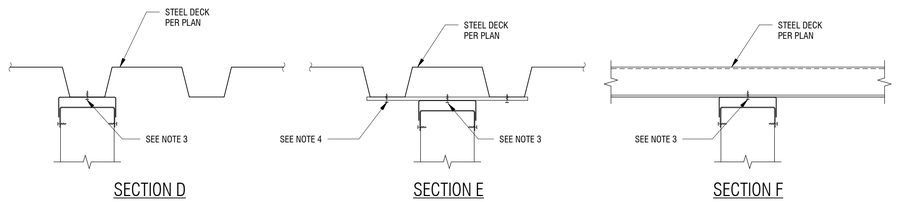


14 JOIST WEB STIFFENERS

NO SCALE

10 JOIST TO WALL

1 1/2" = 1'-0"



NOTES:
1. DEFLECTION TRACK WITH 1/2-INCH DIAMETER KB-TZ (ESR-1917) AT 24-INCHES ON CENTER TO CONCRETE DECK. EMBED 2-INCHES.
2. 18 GAUGE CONTINUOUS SHEET FASTENED TO LOWER DECK FLUTES WITH 1/2-INCH DIAMETER KB-TZ (ESR-1917) AT 24-INCHES ON CENTER EACH FLUTE (AT TWO FLUTES MINIMUM).
3. DEFLECTION TRACK WITH #10 SMS AT 16-INCHES ON CENTER.
4. 18 GAUGE CONTINUOUS SHEET FASTENED TO LOWER DECK FLUTES WITH #10 SMS AT 16-INCHES ON CENTER EACH FLUTE (TWO FLUTES MINIMUM).
5. FOR ADDITIONAL INFORMATION, SEE 4 / S-700 .

NOTES:
1. PROVIDE METAL BACKING DETAILS FOR ARCHITECTURAL FINISHES AND FURNISHING PER ARCHITECTURAL DRAWINGS.
2. TYPICAL TRACKS TO MATCH STUD WALL DEPTH AND BE T150-33 MINIMUM.
3. METAL STUDS TO BE LATERALLY BRACED EACH SIDE BY GYPSUM SHEATHING OR PROVIDE BRIDGING AT 4'-0" ON CENTER PER DETAIL 5/ S-701 .
4. FOR TYPICAL WALL INTERSECTIONS, SEE DETAIL 8/ S-700 OR 7/ S-701.
5. REFER TO DETAIL 13/ S-700 FOR DEFLECTION TRACK.

13 DEFLECTION TRACK FASTENERS

1 1/2" = 1'-0"

5 WALL ELEVATION - TYPICAL INTERIOR (NON-BEARING)

1/2" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

FTF ENGINEERING, INC
38 Mason Street, 2nd Floor
San Francisco, CA 94102
Tel.: 415-931-8460
Fax: 415-931-8461
www.ftfengineering.com

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE

100 E. COLLEGE AVE
PORTERVILLE, CA

REGISTERED PROFESSIONAL ENGINEER
WILLIAM VAN ENCKEVORT
No. S5394
STRUCTURAL
STATE OF CALIFORNIA

#:	ISSUE OR △ REVISION:	DATE:
	90% CD	11/08/2024

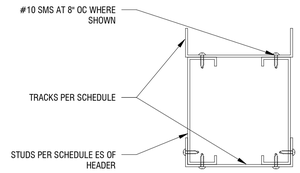
JOB #: 22-543

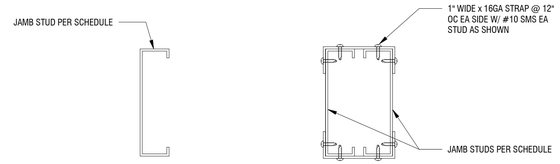
SCALE: As indicated

SHEET TITLE:
LIGHT GAUGE STEEL DETAILS I

SHEET #:
S-700

These drawings and specifications, and the concepts embodied in them, are the original work of FTF Engineering, Inc. and may not be used, disclosed, or duplicated without written consent of FTF Engineering, Inc. whether the project for which they were made is executed or not, unless otherwise agreed by contract.

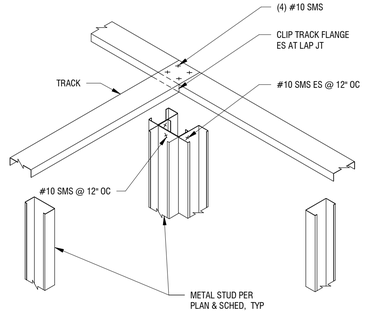




SINGLE STUD DOUBLE STUD

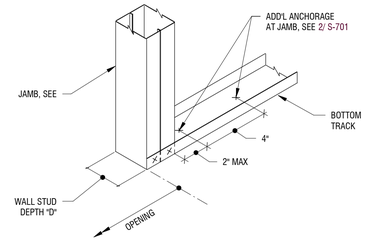
8 HEADER 'H-1' AND 'H-2'

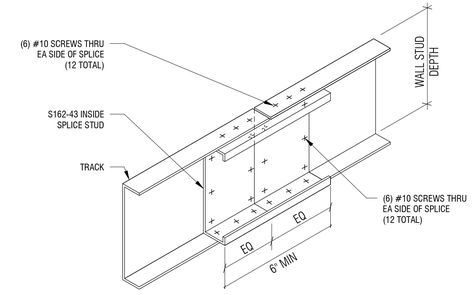
NO SCALE



4 JAMB 'J-1' AND 'J-2'

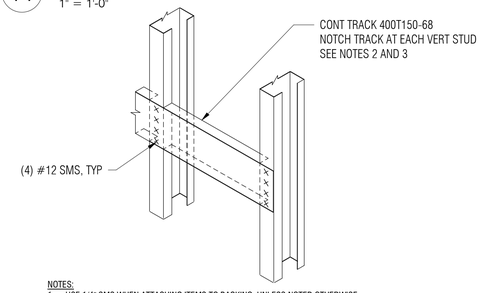
NO SCALE





11 TYPICAL TOP PLATE TRACK SPLICE

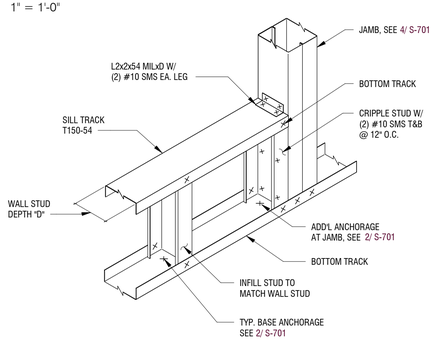
1" = 1'-0"



NOTES:
1. USE 1/4" SMS WHEN ATTACHING ITEMS TO BACKING, UNLESS NOTED OTHERWISE.
2. DO NOT CUT OR DAMAGE VERTICAL STUDS ANCHOR BACKING TO THREE STUDS MINIMUM.
3. BACKING TRACK MAY BE SUBSTITUTED WITH METAL-LITE FLUSH MOUNT BACKING (6"x1-1/4"x68 MILS) AND ATTACHED TO STUDS WITH (4) #10 SMS EACH END.

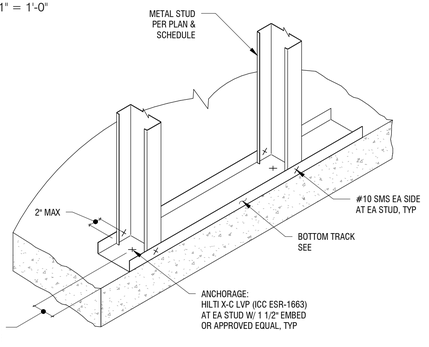
7 TYPICAL WALL INTERSECTION

1" = 1'-0"



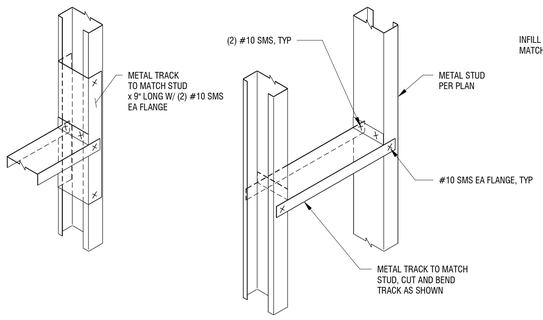
3 BOTTOM TRACK AT OPENING

1" = 1'-0"



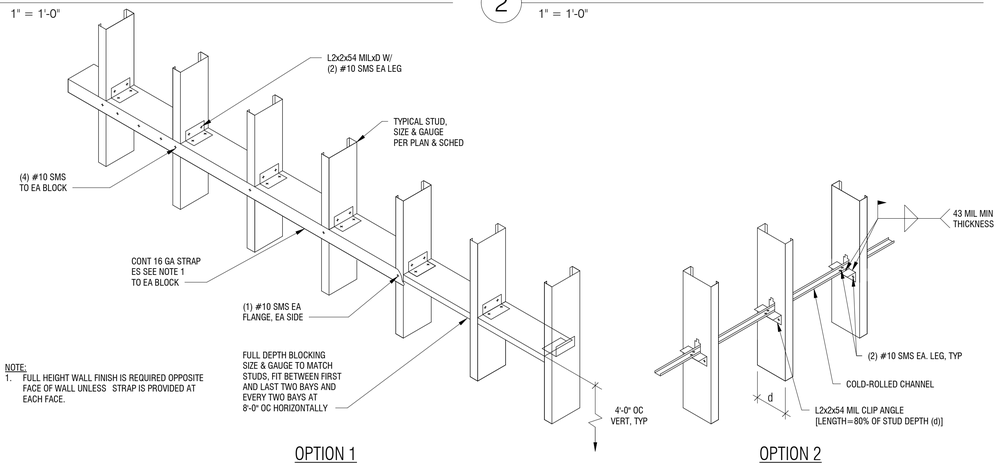
10 BACKING TRACK AT METAL STUDS

1" = 1'-0"



6 SILL DETAIL

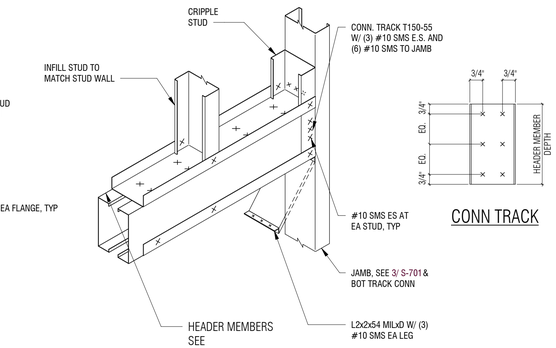
1" = 1'-0"



NOTE:
1. FULL HEIGHT WALL FINISH IS REQUIRED OPPOSITE FACE OF WALL UNLESS STRAP IS PROVIDED AT EACH FACE.

2 LOW VELOCITY PINS AT BOTTOM TRACK

1" = 1'-0"



13 TYPICAL METAL STUD BLOCKING

1" = 1'-0"

9 HEADER DETAIL

1" = 1'-0"

5 BLOCK AND STRAP BRIDGING LATERAL BRACING

1" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

FTF ENGINEERING, INC
38 Mason Street, 2nd Floor
San Francisco, CA 94102
Tel.: 415-931-8460
Fax: 415-931-8461
www.ftfengineering.com

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE

100 E. COLLEGE AVE
PORTERVILLE, CA

JILLIAN VAN EXCURSEN
No. S5294
STRUCTURAL
STATE OF CALIFORNIA

#:	ISSUE OR △ REVISION:	DATE:
	90% CD	11/08/2024

JOB #: 22-543

SCALE: As indicated

SHEET TITLE: LIGHT GAUGE STEEL DETAILS II

SHEET #: S-701

These drawings and specifications, and the concepts embodied in them, are the original work of FTF Engineering, Inc. and may not be used, disclosed, or duplicated without written consent of FTF Engineering, Inc. whether the project for which they were made is executed or not, unless otherwise agreed by contract.

\\tetr-file1\Users\sophia.nyberg_TETR\Documents\12500-P-PC_CULTURAL_sophia.nyberg.rvt

TITLE 24 ACCEPTANCE TESTING

THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.

LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).

MECHANICAL SYSTEMS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.

ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR, ENGINEER/ARCHITECT OF RECORD, OR THE OWNER'S AGENT.

A LISTING OF CERTIFIED ATT CAN BE FOUND AT:
https://www.energy.ca.gov/programs-and-topics/programs/acceptance-test-technician-certification-provider-program/acceptance.

THE ACCEPTANCE TESTING PROCEDUERS MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.

PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

ANCHORAGE & BRACING NOTES

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26, AND 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G., OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP ☐ MD ☐ PP ☒ E ☐ - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
MP ☐ MD ☐ PP ☐ E ☐ - OPTION 2: SHALL COMPLY WITH HCAi (OSHPD) PREAPPROVAL (OPM #) #_____, AS INCLUDED IN THESE DRAWINGS WITH PROJECT-SPECIFIC NOTES AND DETAILS.

GENERAL NOTES

1. COORDINATION OF WORK: LAYOUT OF MATERIALS, EQUIPMENT AND SYSTEMS IS GENERALLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED. SOME WORK MAY BE SHOWN OFFSET FOR CLARITY.
2. THE ACTUAL LOCATION OF ALL MATERIALS, PIPING, DUCTWORK, FIXTURES, EQUIPMENT, SUPPORTS, ETC. SHALL BE CAREFULLY PLANNED, PRIOR TO INSTALLATION OF ANY WORK TO AVOID ALL INTERFERENCES WITH EACH OTHER, OR WITH STRUCTURAL, ELECTRICAL, ARCHITECTURAL OR OTHER ELEMENTS.
3. VERIFY THE PROPER VOLTAGE AND PHASE OF ALL EQUIPMENT WITH THE ELECTRICAL PLANS. ALL CONFLICTS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND THE ENGINEER PRIOR TO THE INSTALLATION OF ANY WORK OR THE ORDERING OF ANY EQUIPMENT.
4. ALL DRAWINGS AND SPECIFICATIONS ARE TO BE CONSIDERED PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS PRIOR TO ANY CONSTRUCTION, INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENT SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR THE OWNER REPRESENTATIVE.
5. MINIMUM SLOPE FOR SEWER IS 1/4" PER FT, UNLESS OTHERWISE NOTED.
6. ALL ROOF PENETRATIONS SHALL BE COMPATIBLE WITH ROOF SYSTEM WITH AS FEW PENETRATIONS AS POSSIBLE.
7. MINIMUM DOMESTIC WATER PIPE SIZE TO BE 3/4" UNLESS OTHERWISE NOTED. USE A REDUCING ELL AT FIXTURE, IF NECESSARY.
8. ALL PLUMBING FIXTURES, VALVES, FAUCETS, FIXTURE STOPS, ETC. WHICH PROVIDE WATER FOR HUMAN CONSUMPTION MUST MEET THE "LEAD FREE" REQUIREMENT FOR THE STATE OF CALIFORNIA.
9. MAXIMUM ALLOWABLE DISTANCE FOR HOT WATER LATERALS TO FIXTURES OFF OF THE CIRCULATING MAIN SHALL BE 10'-0" FOR HAND WASH SINKS AND LAVS, AND 15'-0" FOR OTHER SINKS.

PLUMBING LEGEND

SYMBOL	ITEM	ABBR.
	ABOVE	ABV
	ABOVE CEILING	ABV CLG
	ABOVE FINISHED FLOOR	AFF
	ALTERNATE	ALT
&	AND	
	ARCHITECT / ARCHITECTURAL	ARCH
@	AT	
	BELOW FLOOR	BEL FLR
	BELOW GRADE	BEL GR
	CALIFORNIA MECHANICAL CODE	CMC
	CALIFORNIA PLUMBING CODE	CPC
	CEILING	CLG
℄	CENTER LINE	
	CONTINUATION	CONT
	CUBIC FEET PER HOUR	CFH
∅	DIAMETER	DIA
	DOWN	DN
	DRAWING	DWG
	ELBOW	ELL
	ELECTRICAL	ELEC
	EXISTING	(E)
	FEET	FT
	FLOOR	FLR
	FLOW LINE	FL
	GALLON	GAL
	GALLONS PER HOUR	GPH
	GALLONS PER MINUTE	GPM
	GAUGE	GA
	INSIDE DIAMETER	ID
	INVERT ELEVATION	I.E.
	MAXIMUM	MAX
	MINIMUM	MIN
	NEW	(N)
	NOT IN CONTRACT	NIC
	NOT TO SCALE	NTS
#	NUMBER	NO.
	OUTSIDE DIAMETER	OD
	POUNDS	LBS
	POUNDS PER SQUARE INCH	PSI
	POUNDS PER SQUARE INCH ABSOLUTE	PSIA
	POUNDS PER SQUARE INCH GAUGE	PSIG
	POLYVINYL CHLORIDE	PVC
	ROOM	RM
	SPECIFICATION	SPEC
	SQUARE FEET	SQ FT
	STAINLESS STEEL	SS
	TEMPERATURE	TEMP
	THROUGH	THRU
	TYPICAL	(TYP)
	UNDER GROUND	U/G
	WATER COLUMN	WC
	WITH	W/
	WITHOUT	W/O
A	COMPRESSED AIR	A
AV	ACID VENT	AV
AW	ACID WASTE	AW
	ACID VENT RISER	AVR
	ACID VENT THRU ROOF	AVTR
CD	CONDENSATE DRAIN	CD
	DOMESTIC COLD WATER	CW
	DOMESTIC HOT WATER	HW
	DOMESTIC HOT WATER RETURN	HWR
G	LOW PRESSURE NATURAL GAS	G
HPG	HIGH PRESSURE GAS	HPG
ICW	INDUSTRIAL COLD WATER	ICW
LPG	LIQUIFIED PETROLEUM GAS	LPG
F	FIRE PROTECTION LINE	

SYMBOL	ITEM	ABBR.
RWL	RAIN WATER LEADER	RWL
OD	OVERFLOW DRAIN	OD
SD	STORM DRAIN	SD
	SOIL or WASTE	S or W
MA	MEDICAL AIR	MA
O_2	OXYGEN	O_2
VAC	VACUUM	VAC
	VENT	V
	VENT RISER	VR
	VENT THRU ROOF	VTR
	CLEANOUT TO GRADE	COTG
	DEMOLITION	DEMO
	EXISTING PIPING	
	FLOOR CLEANOUT	FCO
	HOSE BIBB	
	PIPING TURN UP	
	PIPING TURN DOWN	
	PIPING CAP	
	POINT OF CONNECTION TO EXISTING	POC
	ANGLE VALVE	
	BALANCE VALVE	
	BALL VALVE	
	CHECK VALVE	
	CONCENTRIC REDUCER	
	TWO-WAY CONTROL VALVE	
	PLUG VALVE	
	PRESSURE REDUCING VALVE	
	SHUT-OFF VALVE IN BOX	SOV
	SHUT-OFF VALVE	SOV
	THERMOSTATIC MIXING VALVE	
	TEMPERATURE / PRESSURE RELIEF VALVE	PRV
	UNION	
	WALL CLEANOUT	WCO
	"Y" TYPE STRAINER	
P	PRESSURE GAUGE	
T	TEMPERATURE GAUGE	
1	KEYNOTE	
2 / P202	DETAIL REFERENCE EXAMPLE: DETAIL 2, SHEET P202	
3 / P400	SECTION REFERENCE EXAMPLE: SECTION 3, SHEET P400	

PLUMBING SHEET INDEX

P001	PLUMBING LEGEND AND NOTES
P002	PLUMBING SCHEDULE
P100	PLUMBING SITE PLAN
P200	PLUMBING PLAN
P201	PLUMBING ENLARGED PLANS
P500	PROPSED PLUMBING ROOF PLAN
P800	PLUMBING DETAILS
P900	TITLE 24 DOCUMENTATION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

REGISTERED PROFESSIONAL ENGINEER — SOPHIA NYBERG — No. M32626 — Exp. 06/30/27 — MECHANICAL

TETER, INC.
ARCHITECTS ENGINEERS CONSULTANTS
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
PLUMBING LEGEND AND NOTES

PROJECT NO.
12500

DRAWING
P001

PLOT DATE: 10/2/2025 4:52:41 PM

PLUMBING SCHEDULE

MARK	FIXTURE	CONNECTION SIZES				DESCRIPTION
		S or W	V	CW	HW	
WC-1	WATER CLOSET	4"	2"	1"	-----	KOHLER K-96053, WELLCOMME ULTRA, 1.28 GPF, FLOOR MOUNTED, 16-1/2" TOP OF SEAT HEIGHT, ELONGATED BOWL, ZURN ZEMS6000AV-HET-IS ELECTRIC HARD-WIRED (120V ELECTRIC POWER REQUIRED) SENSOR FLUSH VALVE WITH P6000-HW6 HARDWIRE POWER CONVERTER AND P6000-MJ MINI JUNCTION BOX CHURCH 9500SSCT SOLID PLASTIC OPEN FRONT SEAT WITH STAINLESS STEEL HINGE POSTS, SELF-SUSTAINING CHECK HINGES, AND STA-TITE FASTENING SYSTEM.
WC-2	WATER CLOSET ADA	4"	2"	1"	-----	KOHLER K-96057, HIGHCLIFF ULTRA, 1.28 GPF, FLOOR MOUNTED, 18" TOP OF SEAT HEIGHT, ELONGATED BOWL, ZURN ZEMS6000AV-HET-IS ELECTRIC HARD-WIRED (120V ELECTRIC POWER REQUIRED) SENSOR FLUSH VALVE WITH P6000-HW6 HARDWIRE POWER CONVERTER AND P6000-MJ MINI JUNCTION BOX, CHURCH 9500SSCT SOLID PLASTIC OPEN FRONT SEAT WITH STAINLESS STEEL HINGE POSTS, SELF-SUSTAINING CHECK HINGES, AND STA-TITE FASTENING SYSTEM.
U-1	URINAL	2"	1-1/2"	3/4"	-----	KOHLER "BARDON" MODEL K-4991-ET PINT URINAL 0.125 GPF, WALL-HUNG, WASHOUT URINAL WITH STRAINER, ZURN ZEMS6003AV-ULF-IS ELECTRIC HARD-WIRED (120V ELECTRIC POWER REQUIRED) SENSOR FLUSH VALVE WITH P6000-HW6 HARDWIRE POWER CONVERTER AND P6000-MJ MINI JUNCTION BOX. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS.
L-1	LAVATORY ADA	2"	1-1/2"	1/2"	1/2"	KOHLER K-2007-0, KINGSTON WALL-HUNG, 20"x18" VITREOUS CHINA WITH BACKSPLASH & WALL BRACKET, SINGLE FAUCET HOLE, ZURN Z6930-XL-F-HW6-CWB-MJ-ADM-TMV ELECTRIC HARD-WIRED (120V ELECTRIC POWER REQUIRED) SENSOR FAUCET WITH ABOVE DECK MIXER, 0.5 GPM VANDAL RESISTANT OUTLET, THERMOSTATIC MIXING VALVE, AND WITH P6000-HW6 HARDWIRE POWER CONVERTER AND P6000-MJ MINI JUNCTION BOX. SET FAUCET CYCLE TIME FOR 15 SECONDS, McGUIRE 155WC OFFSET GRID DRAIN, AND JAY R. SMITH 0723 CONCEALED ARMS. SEE ARCHITECTURAL DRAWINGS FOR ACCESSIBLE MOUNTING HEIGHTS.
S-1	SINK	2"	1-1/2"	1/2"	1/2"	JUST SL-ADA-1921A551-J, 18"x14"x5-1/2" DEEP BOWL SIZE, SINGLE COMPARTMENT, 18 GAUGE TYPE 304 STAINLESS STEEL WITH CENTER REAR DRAIN LOCATION, SELF RIMMING LEDGE, SINGLE FAUCET HOLE AT CENTER, JUST J-35GS BASKET STRAINER, ZURN Z6920-XL-F-HW6-CWB-MJ-ADM-TMV, ELECTRIC HARD-WIRED (120V ELECTRIC POWER REQUIRED) SENSOR GOOSENECK FAUCET WITH ABOVE DECK MIXER, 1.0 GPM LAMINAR OUTLET, THERMOSTATIC MIXING VALVE, AND WITH P6000-HW6 HARDWIRE POWER CONVERTER AND P6000-MJ MINI JUNCTION BOX. SET FAUCET CYCLE TIME FOR 15 SECONDS.
MS-1	MOP SINK	3"	2"	1/2"	1/2"	KOHLER "WHITBY" MODEL K-6710 FLOOR MOUNTED 28" X 28" ENAMELED CAST IRON WITH K-8940 RIM GUARD, WITH ZURN MODEL Z843M1-RC-WHK-5H FAUCET WITH VACUUM BREAKER, HOSE END, BUCKET HOOK, INTEGRAL SHANK-STOPS & WALL BRACE, 5 FEET OF HOSE AND WALL HOOK. FLORESTONE #MR-370 HOSE WITH HOOK, AND FLORSTONE MR-372 MOP HANGER.
DF-1	DRINKING FOUNTAIN W/ BOTTLE FILLER ADA	2"	1-1/2"	1/2"	-----	ELKAY EZH2O BOTTLE FILLING STATION WITH VERSATILE BI-LEVEL COOLERS, MODEL LZSTL8WSSP, BARRIER-FREE, REFRIGERATED, WALL MOUNTED, DUAL FOUNTAINS/BOTTLE FILLER, INTEGRAL WATER FILTERS, CHILLER TO PROVIDE 8.0 GPH FOR 50° F. REFRIGERATED WATER. ELKAY MLP200 SUPPORT CARRIER, PROVIDE OPTIONAL ELKAY 51300C AND WSF6000R-2PK REPLACEMENT WATER FILTERS. ELECTRICAL REQUIRED FOR CHILLER: 120V, 370 WATTS. ELECTRICAL REQUIRED FOR BOTTLE FILLER: 120V. OPERATING WEIGHT: 106 LBS.
HB-1	HOSE BIBB	-----	-----	1/2"	-----	WOODFORD #24P 3/4" INLET BRASS WALL HOSE FAUCET WITH LOCKSHIELD, NON-REMOVABLE VACUUM BREAKER, AND OPTIONAL LOOSE TEE KEY HANDLE. PROVIDE POLISHED CHROME FINISH FOR INDOORS, ROUGH CHROME FINISH FOR OUTDOORS.
HB-2	HOSE BIBB	-----	-----	1/2"	-----	WOODFORD #Y24 STANDPIPE STYLE 3/4" INLET BRASS HOSE FAUCET WITH LOCKSHIELD, AND NON-REMOVABLE VACUUM BREAKER.
FD-1	FLOOR DRAIN	2"	1-1/2"	TP	-----	SMITH 2005Y-A05-HP-P050 COATED CAST IRON WITH 5" DIAMETER ROUND NICKEL BRONZE HEEL PROOF GRATE, DOUBLE DRAINAGE FLANGE, NO HUB OUTLET AND TRAP PRIMER CONNECTION.
TP-1	TRAP PRIMER	-----	-----	1/2"	-----	PRECISION PLUMBING PRODUCTS PR-500 "PRIME-RITE" PRESSURE DROP ACTIVATED WITH #DU-U DISTRIBUTION UNIT FOR UP TO (3) FLOOR DRAINS. PROVIDE 14"x16" STAINLESS STEEL ACCESS DOOR WITH CYLINDER LOCK. PROVIDE SOV UPSTREAM OF TRAP PRIMER.
SA-1	SHOCK ABSORBER	-----	-----	-----	-----	SIOUX CHIEF HYDRA-RESTER MODEL 654-CS SEAMLESS COPPER CHAMBER APPROVED FOR CONCEALED INSTALLATION. PDI SYMBOL "C". INSTALL IN UPWARD POSITION.
OD-1	OVERFLOW DRAIN	-----	-----	-----	-----	JAY R. SMITH 1310-WD-C-R-CIDG, GALVANIZED CAST IRON BODY WITH 12" DIAMETER GALVANIZED CAST IRON DOME, MODIFIED WITH 4" HIGH WATER DAM, UNDERDECK CLAMP, AND SUMP RECEIVER. SEE PLAN FOR PIPE OUTLET SIZE. SEE ARCHITECTURAL ROOF PLAN A500 FOR LOCATIONS. SEE ARCHITECTURAL DETAIL 13/A803 FOR NECESSARY EXTENSIONS OR ADDITIONAL INSTALLATION ACCESSORIES.
RD-1	ROOF DRAIN	-----	-----	-----	-----	JAY R. SMITH 1310Y-C-R-CIDG, GALVANIZED CAST IRON BODY WITH 12" DIAMETER GALVANIZED CAST IRON DOME, UNDERDECK CLAMP, AND SUMP RECEIVER. SEE PLAN FOR PIPE OUTLET SIZE. SEE ARCHITECTURAL ROOF PLAN A500 FOR LOCATIONS. SEE ARCHITECTURAL DETAILS FOR NECESSARY EXTENSIONS OR ADDITIONAL INSTALLATION ACCESSORIES.
CP-1	CIRCULATING PUMP	-----	-----	-----	-----	GRUNDFOS MODEL UPS15-55SFC STAINLESS STEEL DOMESTIC HOT WATER IN-LINE CIRCULATING PUMP, WITH FLANGED CONNECTIONS, 3-SPEED MOTOR, INTEGRAL CHECK VALVE, 5 GPM AT 13 FT. TDH., 1/12 HP, 120V/1PH. (CONTROL THRU "HONEYWELL" AQUASTAT AND DIGITAL 365 DAY TIME CLOCK OR EMS CONTACTS.
ET-1	EXPANSION TANK	-----	-----	-----	-----	AMTROL ST-5C-DD, 2 GALLON CAPACITY ASME RATED DIAPHRAGM EXPANSION TANK, MAX ACCEPTANCE VOLUME 0.9 FOR POTABLE WATER USE. OPERATING WEIGHT: 10 LBS.
WH-1	WATER HEATER	-----	-----	3/4"	3/4"	A.O SMITH DEL-30 DURAPOWER COMMERCIAL ELECTRIC, 36 GALLON STORAGE CAPACITY, GLASS LINED TANK 6,000 WATTS, 306PH RECOVERY RATE AT 80F TEMPERATURE RISE, AND 3/4"T&P RELIEF VALVE, DIMENSIONS: 24"DIMATER X 32" HEIGHT. OPERATING WEIGHT 356 LBS.

\\tetr-file1\Users\sophia.nyberg_TETR\Documents\12500-P-PC_CULTURAL_sophia.nyberg.rvt

PLOT DATE: 10/2/2025 4:52:41 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

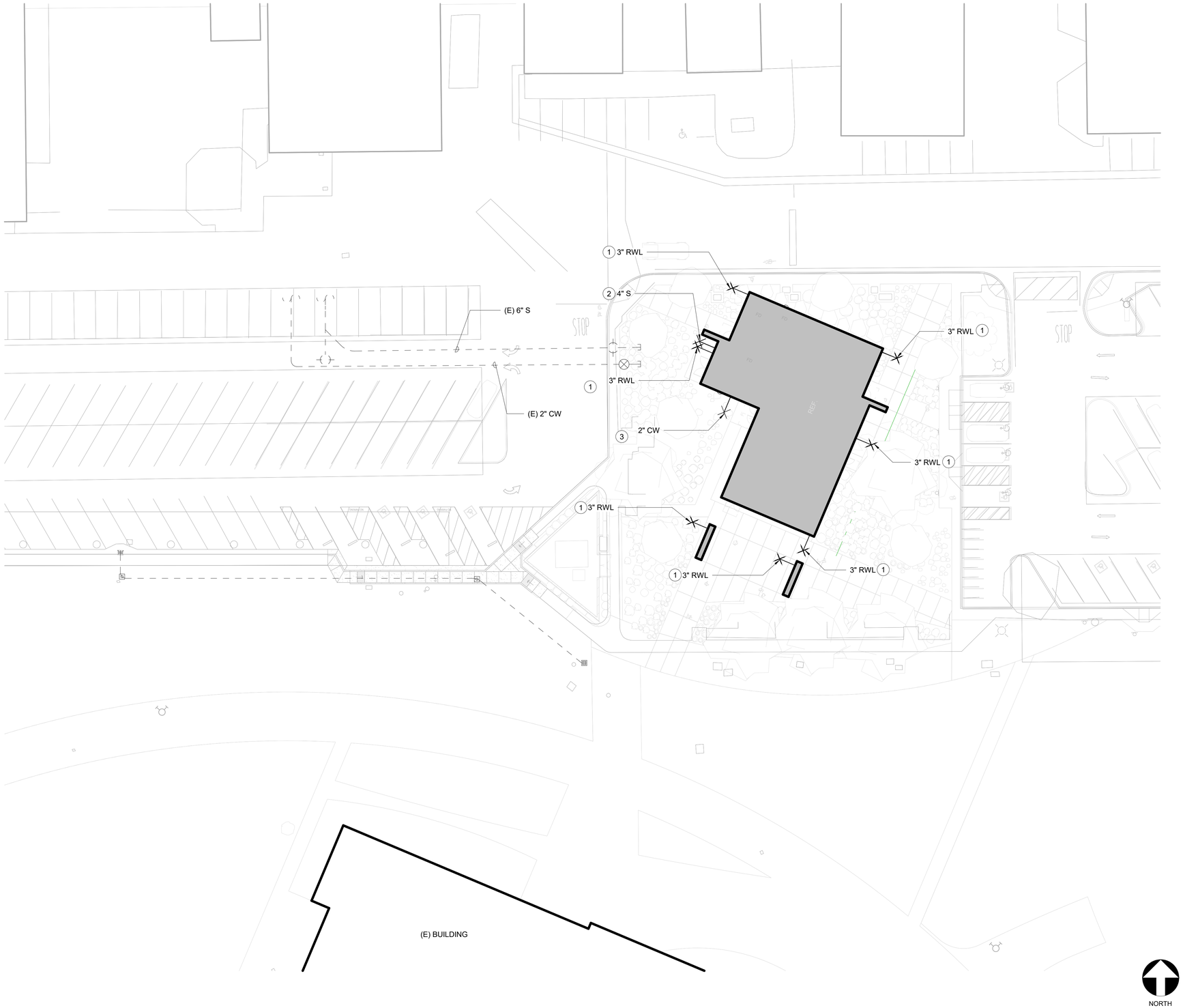
TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
PLUMBING SCHEDULE

PROJECT NO.
12500

DRAWING
P002



PLUMBING SITE PLAN

1" = 20'-0" | 1

KEYNOTES

1 RWL BELOW GRADE FROM BUILDING. SEE CIVIL DWGS. FOR SITE CONTINUATION.

2 SANITARY SEWER BELOW GRADE FROM BUILDING. SEE CIVIL DWGS. FOR SITE CONTINUATION.

3 DOMESTIC WATER BELOW GRADE TO BUILDING. SEE CIVIL DWGS. FOR SITE CONTINUATION.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

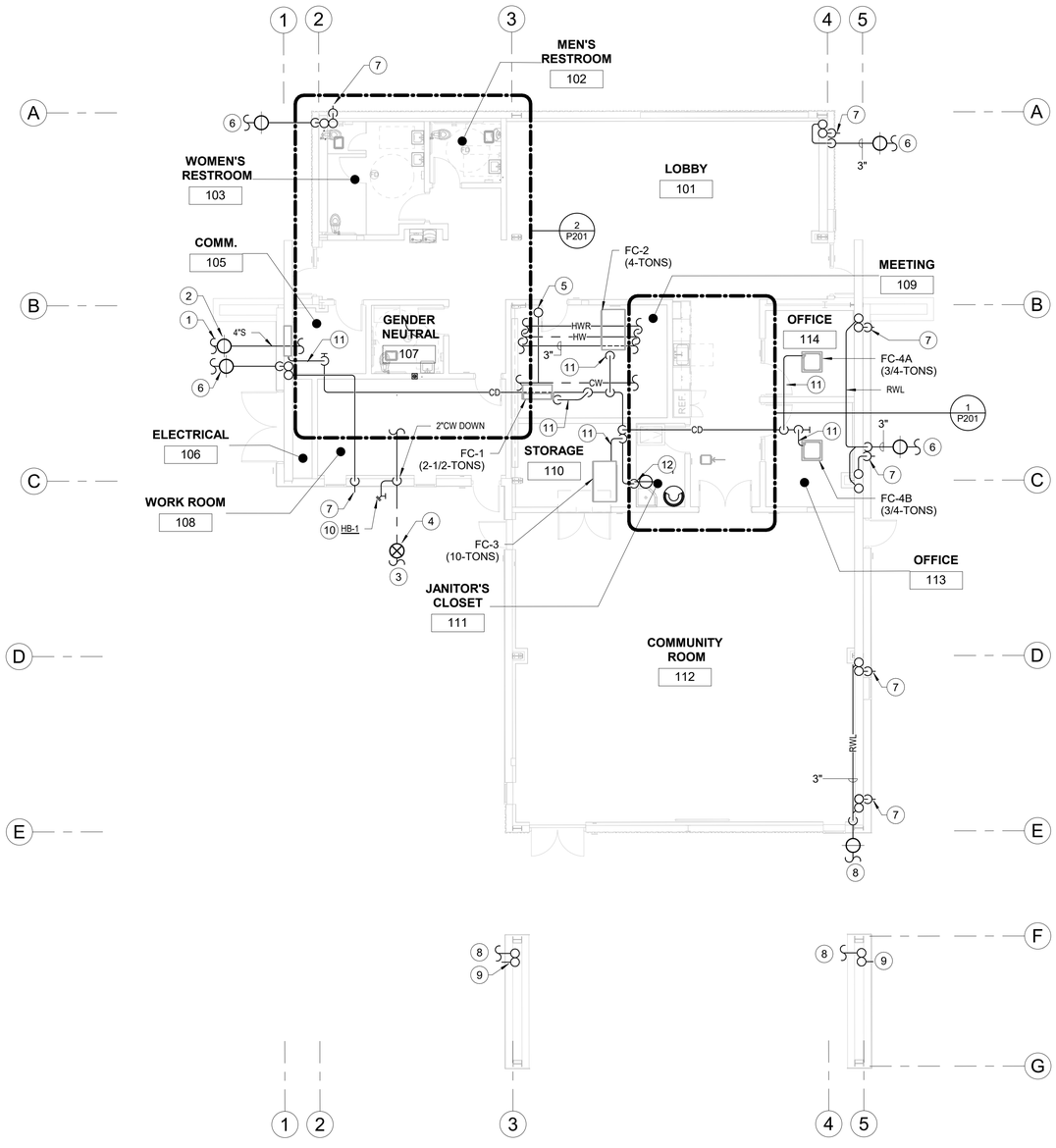
DRAWING TITLE
PLUMBING SITE PLAN

PROJECT NO.
12500

DRAWING
P100

\\tetr-file1\Users\sophia.nyberg_TETR\Documents\12500-P-PC_CULTURAL_sophia.nyberg.rvt

PLOT DATE: 10/2/2025 4:52:52 PM



KEYNOTES

1. 4" SANITARY SEWER BEL. GR. FOR POC OF 4"S TO (E)6"S LATERAL, SEE CIVIL DRAWINGS.
2. 4" TWO-WAY COTG. SEE 7/P800 FOR DETAIL.
3. FOR POC OF 2"CW UNDERGROUND TO (E)2"CW UNDERGROUND, SEE CIVIL DRAWINGS.
4. CW IN SOV BOX, SEE 5/P800.
5. 3/4" CW UP THRU ROOF TO STANDPIPE HOSE BIBB @ +12" ABV. ROOF. PROVIDE SOV IN RISER.
6. 3"RWL DN IN WALL, PROVIDE 3"TWO-WAY COTG. FOR POC OF 3"RWL UNDERGROUND TO STORM DRAIN, SEE CIVIL DRAWINGS.
7. 3"OD DN IN WALL AND THRU EXTERIOR WALL @+12"AFF ONTO SPLASHBLOCK OR WALKWAY.
8. 3"RWL, PROVIDE 3"TWO-WAY COTG. FOR POC OF 3"RWL UNDERGROUND TO STORM DRAIN, SEE CIVIL DRAWINGS.
9. 3"OD UP TO ROOF. 3"OD DN IN WALL AND THRU EXTERIOR WALL @+12"AFF ONTO SPLASHBLOCK OR WALKWAY.
10. 3/4"CW DN TO EXTERIOR HOSE BIBB @+12"AFF.
11. 3/4" PUMPED CONDENSATE CONNECT INTO TOP OF GRAVITY DRAIN LINE.
12. 1" CD DN IN WALL, DISCHARGE INTO MOP SINK W/ ELBOW DOWN.

GENERAL NOTES

A. CONCEALED RWL AND OD PIPING SHALL BE NO-HUB CAST IRON WITH HEAVY DUTY COUPLINGS.

NORTH

PROPOSED PLUMBING FLOOR PLAN

1/8" = 1'-0" | 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

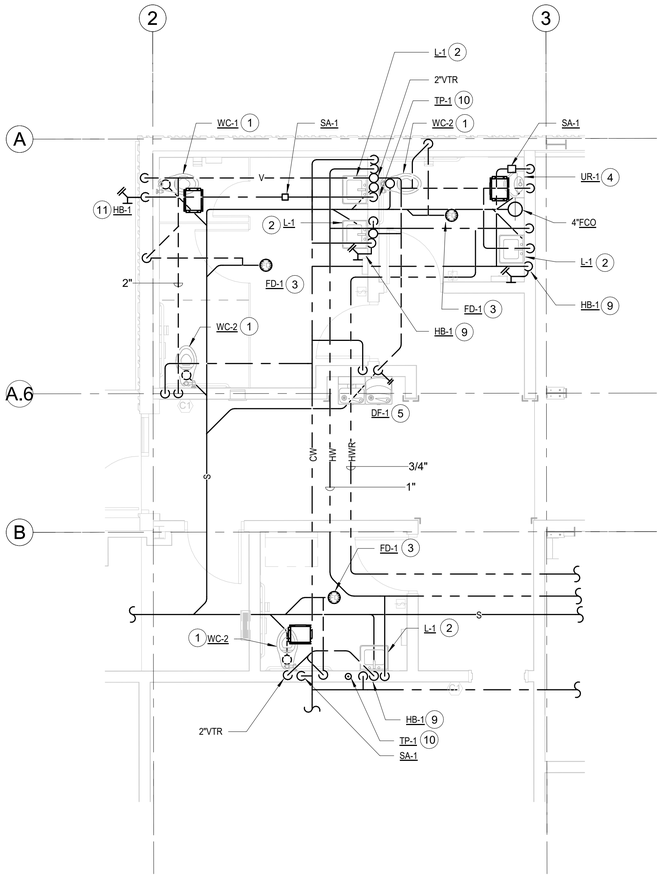
DRAWING TITLE
PLUMBING PLAN

PROJECT NO.
12500

DRAWING
P200

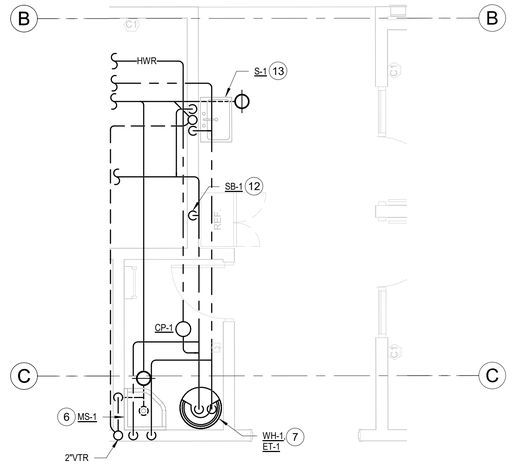
\\tetr-file1\Users\sophia.nyberg_TETR\Documents\12500-P-PC_CULTURAL_sophia.nyberg.rvt

PLOT DATE: 10/2/2025 4:53:01 PM



NORTH

PROPOSED PLUMBING FLOOR PLAN - ENLARGE PLAN 1/4" = 1'-0" 2



NORTH

PROPOSED PLUMBING FLOOR PLAN - ENLARGE PLANS 1/4" = 1'-0" 1

KEYNOTES

1 1-1/4" CW DN., 4" S DN. & 2" VR FOR WATER CLOSET.
2 3/4" CW & HW DN., 2" S DN. & 1-1/2" VR FOR LAVATORY.
3 2" S W/ P-TRAP & 1-1/2" V OFFSET W/ 1/2"CW TP CONNECTION FOR FD-1.
4 1" CW DN., 2" S DN., 1-1/2" VR AND WCO ABV. FIXTURE FOR URINAL. SEE DETAIL 3&4/P800 FOR SUPPORT.
5 3/4" CW DN., 2" S DN. W/W.C.O., & 1-1/2" VR FOR DRINKING FOUNTAIN W/ BOTTLE FILLER. FOR WALL CLEANOUT DETAIL SEE 2/P800.
6 3/4" CW & HW DN., 3" S DN., 2" VR AND W.C.O ABOVE FIXTURE FOR MOP SINK. FOR WALL CLEANOUT DETAIL SEE 2/P800.
7 ELECTRIC WATER HEATER MOUNTED ON WALL ABOVE MOP SINK AT +7'-6" AFF. SEE DETAIL 8/P800 FOR PIPING. SEE DETAIL 9/P800 FOR SUPPORT.
8 3/4" CW & HW DN., 2" S DN. W/ W.C.O., & 1-1/2" VR FOR SINK. FOR WALL CLEANOUT DETAIL SEE 2/P800.
9 3/4" CW DN. TO HOSE BIBB UNDER LAVATORY @ +12"AFF.
10 1/2" CW DN. TO TRAP PRIMER IN WALL BEHIND STAINLESS STEEL ACCESS PANEL MOUNTED AT +12" AFF. PROVIDE SOV AT INLET.
11 3/4"CW DN TO EXTERIOR HOSE BIBB @+12"AFF.
12 1/2" CW DN IN WALL TO WALL SUPPLY BOX AT +30" AFF.
13 2"S, 1-1/2"V, 3/4"CW & 3/4"HW DN TO SINK.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

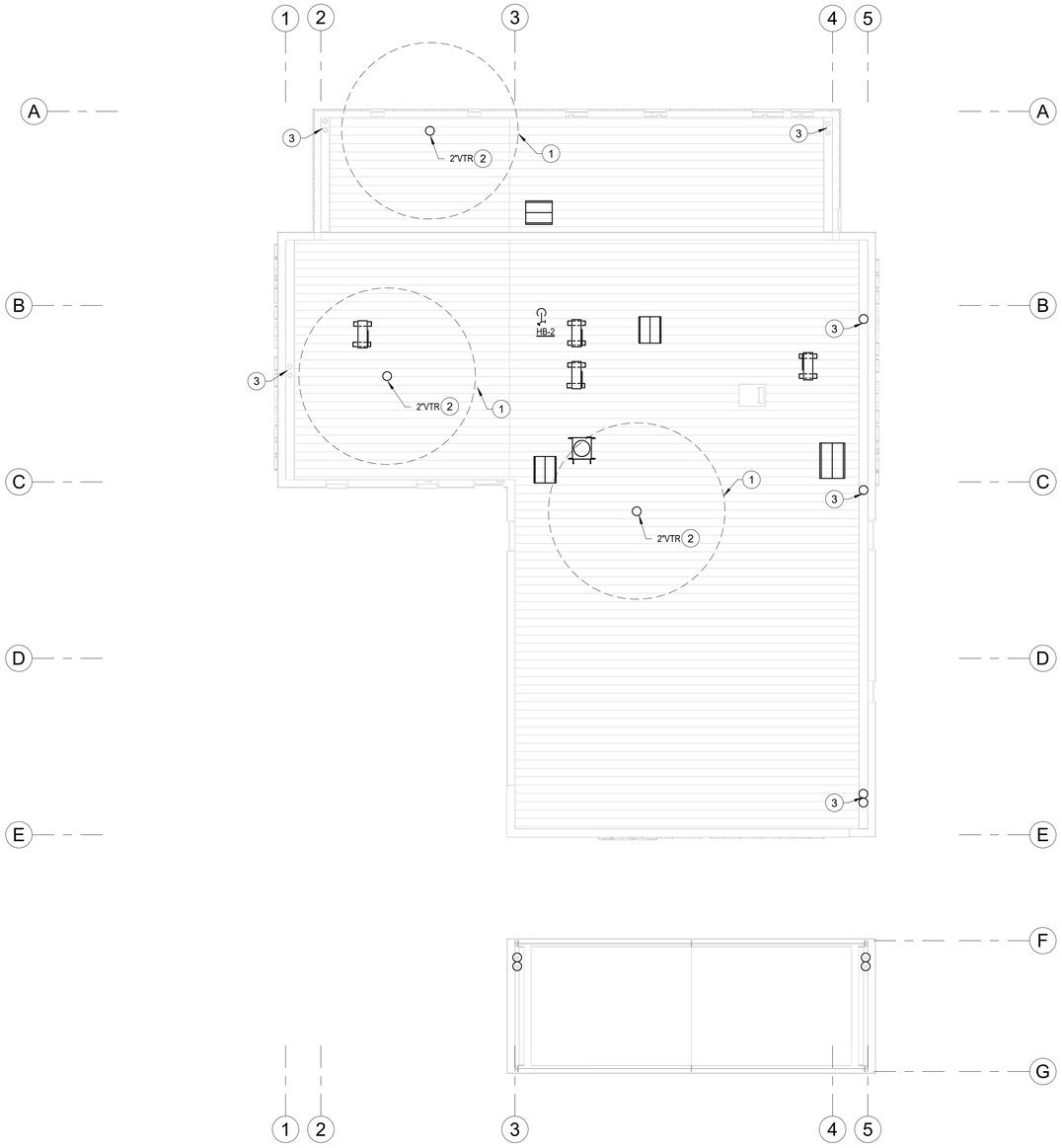
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
PLUMBING ENLARGED PLANS

PROJECT NO.
12500

DRAWING
P201

\\tetr-file1\Users\sophia.nyberg_TETR\Documents\12500-P-PC_CULTURAL_sophia.nyberg.rvt
PLOT DATE: 10/2/2025 4:53:02 PM



KEYNOTES

1 10FT CLEARANCE FROM OUTSIDE AIR INTAKE.
2 FOR PLUMBING VENT THRU ROOF SEE DETAIL 1/800.
3 3"RWL AND 3"OD DN, SEE P200 FOR PIPING BELOW ROOF.

NORTH

PROPOSED PLUMBING ROOF PLAN

1/8" = 1'-0" | 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
PROPOSED PLUMBING ROOF PLAN

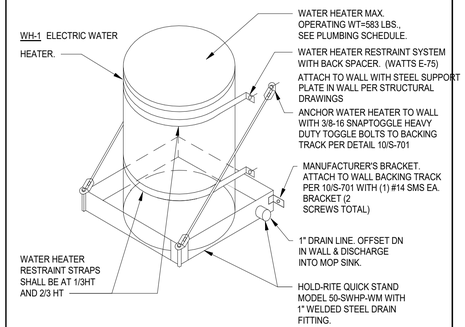
PROJECT NO.
12500

DRAWING
P500

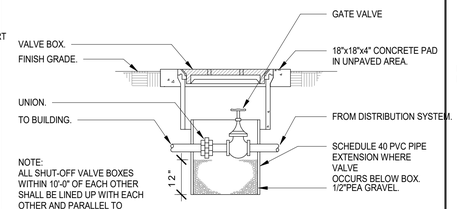
\\tetr-file1\Users\sophia.nyberg_TETR\Documents\12500-P-PC_CULTURAL_sophia.nyberg.rvt

PLOT DATE: 10/2/2025 4:53:06 PM

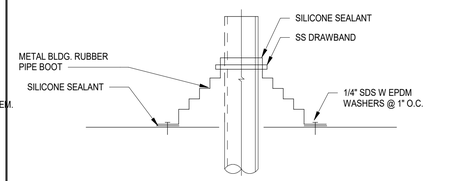
\\tetr-file1\Users\sophia.nyberg_TETR\Documents\12500-P-PC_CULTURAL_sophia.nyberg.rvt



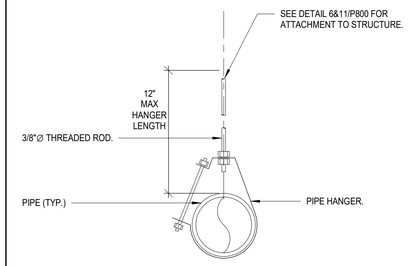
ELECTRIC WATER HEATER ON SHELF N.T.S. 9



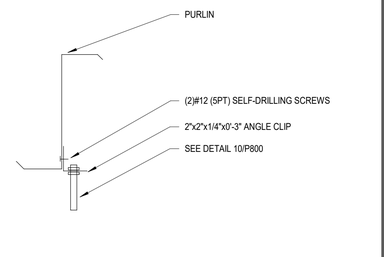
SHUT-OFF VALVE IN BOX DETAIL N.T.S. 5



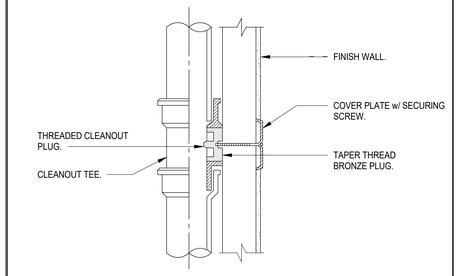
PLUMBING VENT DETAIL N.T.S. 1



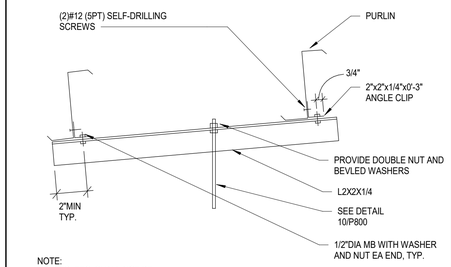
PIPE HANGER SUPPORT N.T.S. 10



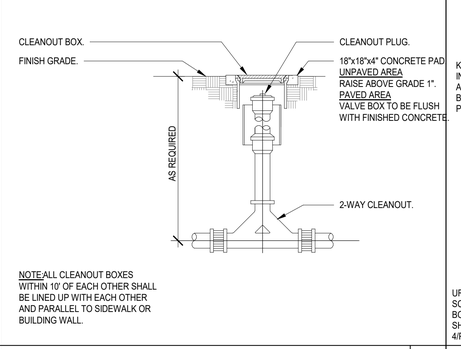
HANGER DETAIL AT PURLINS N.T.S. 6



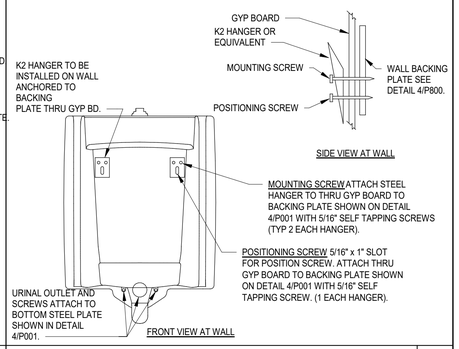
WALL CLEANOUT N.T.S. 2



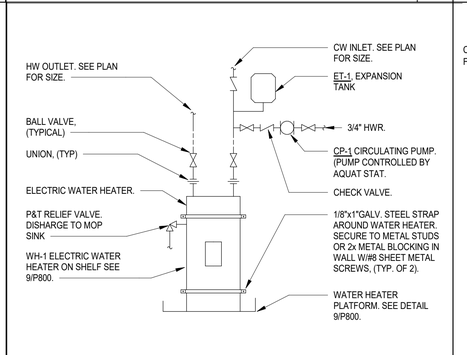
HANGER DETAIL BETWEEN PURLINS N.T.S. 11



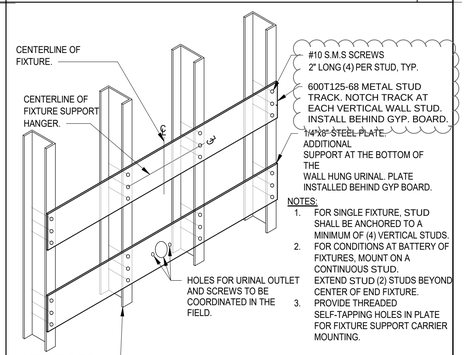
2-WAY SURFACE CLEANOUT DETAIL N.T.S. 7



URINAL SUPPORT DETAIL - WALL N.T.S. 3



WATER HEATER DETAIL N.T.S. 8



FIXTURE SUPPORT BACKING PLATE N.T.S. 4

PLOT DATE: 10/2/2025 4:53:07 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
PLUMBING DETAILS

PROJECT NO.
12500

DRAWING
P800

\\tet-file1\Users\sophia.nyberg_TETR\Documents\12500-P-PC_CULTURAL_sophia.nyberg.rvt

PLOT DATE: 10/2/2025 4:53:24 PM

BUILDING ENERGY ANALYSIS REPORT

PROJECT:

Manzanita Cultural Center Porterville College
100 E. College Ave
Porterville, CA 93257

Project Designer:

Teter Architects & Engineer
7535 N Palm Ave, Suite 201
Fresno, CA 93711
559-437-0887

Report Prepared by:

Teter Architects & Engineers
Teter Architects & Engineers

Job Number:

12500

Date:

8/20/2024

The EnergyPro computer program has been used to perform the calculations summarized in this compliance report. This program has approval and is authorized by the California Energy Commission for use with both the Residential and Nonresidential 2022 Building Energy Efficiency Standards.

This program developed by EnergySoft, LLC – www.energysoft.com.

TABLE OF CONTENTS

Cover Page	1
Table of Contents	2
Form NRCC-PLB-E Domestic Water Heating System	3

STATE OF CALIFORNIA
Domestic Water Heating System
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — **NRCC-PLB-E**

This document is used to demonstrate compliance for nonresidential occupancies with requirements in 110.1, 110.3, 120.3, and 140.5, and with requirements in 141.0 for additions and alterations, for domestic water heating scopes using the prescriptive path. For high-rise residential and hotel/motel occupancies compliance is demonstrated with requirements in 110.1, 110.3, 160.4 and 170.2(d), and with requirements 180.1 for additions and 180.2 for alterations.

Project Name:	Manzanita Cultural Center Porterville College	**Report Page:**	**(Page 1 of 6)**
Project Address:	100 E. College Ave	**Date Prepared:**	8/20/2024

A. GENERAL INFORMATION

01	Project Location (city)	Porterville	02	Climate Zone	13
03	Occupancy Types Within Project (select all that apply):				

● Classroom ● Convention Center ● Office ● Support Areas ● Warehouse

B. PROJECT SCOPE

This table includes domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in 140./ 170.2(d) and 141.0(a)/ 180.1, or 141.0(b)2N / 180.2 for additions or alterations. Solar water heating systems are documented on the NRCC-SAB compliance document. Combined hydronic water heating systems are documented on the NRCC-MCH compliance document.

01	02	03		
My project consists of (check all that apply):	System Type[1,2]	System Components		
☒ New system (DHW system being installed for the first time)	Individual System (serving nonresidential spaces)	☒ Equipment	☒ Distribution	☒ Controls
☐ System Alteration (equipment, distribution or controls)		☐ Equipment	☐ Distribution	☐ Controls

[1] *FOOTNOTES: Point of use water heaters, or other non-central systems used to serve nonresidential spaces, are considered individual systems.*
[2] *Dwelling units refers to hotel/motel guest rooms and units in a multifamily residential occupancy.*
[3] *DHW systems serving 2 or more dwelling units are considered "Central Systems" for multifamily occupancies*

C. COMPLIANCE RESULTS

Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. or the table indicated as not compliant for guidance.

01	02	03	04
Domestic Hot Water Equipment	Distribution Systems	Controls	**Compliance Results**
Table F	Table G	Table H	
Yes	Yes	Yes	COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

STATE OF CALIFORNIA
Domestic Water Heating System
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — **NRCC-PLB-E**

Project Name:	Manzanita Cultural Center Porterville College	**Report Page:**	**(Page 2 of 6)**
		Date Prepared:	8/20/2024

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. DOMESTIC HOT WATER EQUIPMENT

This table is used to demonstrate compliance with mandatory equipment requirements in 110.1 and 110.3. Compliance with prescriptive requirements in 140.5(c) / 170.2(d) must also be demonstrated and with 141.0 / 180.1/ 180.2 for addition and alteration scopes.

Equipment Schedule: Water Heating Efficiency and Standby Loss

03	04		05		06		
System Name	WH-1	Exception to 140.5(c)/ 170.2(d)3		☐	Gas Service Water Heating System >= 1MMBtu/h[1]	Capacity-weighted Average Efficiency %	

07	08	09	10		11	12	13	14	15
Name or Item Tag	Equipment Type	Volume (gal)	Rated Input Capacity (Btu/h)	Max GPM/ First Hour Rating (FHR)	Rated Efficiency	Minimum Efficiency Required	Efficiency Unit	Designed Standby Loss	Maximum Standby Loss
WH-1	Consumer Rated Electric Storage	50	20,472	51 <= FHR <75	0.92	0.93	UEF		

[1] *FOOTNOTE: In systems >= 1MMBtu/h with multiple units, gas water heaters with input capacity > 100,000 Btu/h may meet 90% Et requirements via an input capacity-weighted average.*

Water Heating Equipment All Occupancies

	Yes	No	Not Applicable	Requirement
18	☐	☐	☒	Unfired storage tank insulation shall have Internal + External >=R-16 OR External >=R-3.5. Label required per 110.3(c)3
19	☐	☐	☒	New state buildings 60% of energy for service water heating from site solar energy or recovered energy per 110.3(c)5
20	☐	☐	☒	Isolation valves for instantaneous water heater with input rating >6.8 kBTUH or 2 kW has been specified per 110.3(c)6
21	☐	☐	☒	School buildings < 25,000 ft^2 and < 4 stories must install a heat pump water heating system per 140.5(a)1. Water heating systems serving an individual bathroom space may be an instantaneous electric water heater.

STATE OF CALIFORNIA
Domestic Water Heating System
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — **NRCC-PLB-E**

Project Name:	Manzanita Cultural Center Porterville College	**Report Page:**	**(Page 3 of 6)**
		Date Prepared:	8/20/2024

G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM

This table is used to demonstrate compliance for nonresidential occupancies with distribution requirements in 120.3 and 140.5. For multifamily and hotel/motel occupancies, compliance is demonstrated with requirements 110.3(c), 160.4, 170.2(d).

Mandatory Pipe Insulation All Occupancies

13	☐	For systems serving dwelling units, pipe insulation must meet the minimum insulation requirements in Table 160.4-A (see blow) except: • Piping that penetrates framing members shall not be required to have pipe insulation for the distance of the framing penetration. Piping that penetrates metal framing shall use grommets, plugs, wrapping or other insulating material to assure that no contact is made with the metal framing. Insulation shall abut securely against all framing members • Piping installed in interior or exterior walls shall not be required to have pipe insulation if all of the requirements are met for compliance with Quality Insulation Installation (QII) as specified in the Reference Residential Appendix RA3.5. • Piping surrounded with a minimum of 1 inch of wall insulation, 2 inches of crawlspace insulation, or 4 inches of attic insulation, shall not be required to have pipe insulation.
14	☒	For systems serving nonresidential spaces, pipe insulation for the following applications is specified to comply with Table 120.3-A (see below) per 120.3: • Recirculating system piping, including supply and return piping of the water heater • The first 8 ft of hot and cold outlet piping, including between storage tank and heat trap, for a nonrecirculating storage system • Pipes that are externally heated
15	☐	Insulation shall be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather shall be installed with a cover suitable for outdoor service per 120.3(b) / 160.4(f). Pipe insulation buried below grade must be installed in a water proof and non-crushable casing or sleeve.

TABLE 120.3-A / 160.4-A PIPE INSULATION THICKNESS

Fluid Temperature Range (°F)	Conductivity Range (Btu-in per hour per ft^2 per °F)	Insulation Mean Rating Temp (°F)	Nominal Pipe Diameter (in)			
			< 1	1 to < 1.5	1.5 to < 4	1.5 to < 4 Multifamily & Hotel/Motel
			Minimum Insulation Required			
105-140	0.22 - 0.28	100	1.0 in or R-7.7	1.5 in or R-12.5	1.5 in or R-11	2.0 in or R-16

STATE OF CALIFORNIA
Domestic Water Heating System
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — **NRCC-PLB-E**

Project Name:	Manzanita Cultural Center Porterville College	**Report Page:**	**(Page 4 of 6)**
		Date Prepared:	8/20/2024

H. DOMESTIC HOT WATER CONTROLS

This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d).

	Yes	No	Not Applicable	Requirement
01	☒	☐	☐	Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a).
02	☐	☐	☒	Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by California Plumbing Code 613.0.
03	☐	☐	☒	Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per §110.3(c)2 unless systems serves healthcare facility.
04	☐	☐	☒	For recirculation systems serving multiple dwelling units, design includes automatic pump controls per 170.2(d) or 180.1(b)3 for additions.
05	☐	☐	☒	For recirculation systems serving individual dwelling units, design includes manual on/off controls as specified in Reference Appendix RA4.4.9 per 170.2(d).
06	☐	☐	☒	Combustion air positive shut-off shall be provided per 160.4(3).on all newly installed commercial boilers as follows: • Boilers with input capacity >= 2.5 MMBtu/h, in which the boiler is designed to operate with a nonpositive vent static pressure • Boilers where one stack serves two or more boilers with a total combined input capacity per stack of 2.5 MMBtu/h.
07	☐	☐	☒	Boiler combustion air fans with motor >= 10 hp shall meet one of the following • The fan motor shall be driven by a variable speed drive OR • The fan motor shall include controls that limit the fan motor demand to <=30% of the total design wattage at 50% of the design air volume.
08	☐	☐	☒	Newly installed boilers with an input capacity (d·gte/) 5MMBtu/h and a steady state full-load combustion efficiency < 90% shall maintain excess (stack-gas) oxygen concentrations <= 5% by volume on a dry basis over firing rates of 20-100%. Combustion air volume shall be controlled with respect to firing rate or flue gas oxygen concentration. Use of a common gas and combustion air control linkage or jack shaft is prohibited.

STATE OF CALIFORNIA
Domestic Water Heating System
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — **NRCC-PLB-E**

Project Name:	Manzanita Cultural Center Porterville College	**Report Page:**	**(Page 5 of 6)**
		Date Prepared:	8/20/2024

I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-PLB-E - Must be submitted for all buildings

J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no forms required for this project.

K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

There are no forms required for this project.

STATE OF CALIFORNIA
Domestic Water Heating System
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — **NRCC-PLB-E**

Project Name:	Manzanita Cultural Center Porterville College	**Report Page:**	**(Page 6 of 6)**
Project Address:	100 E. College Ave	**Date Prepared:**	8/20/2024

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Teter Architects & Engineers	Documentation Author Signature:
Company: Teter Architects & Engineers	Signature Date: 2024-08-20
Address: 7535 N Palm Ave Ste 201	CEA/ HERS Certification Identification (if applicable): 45D3-E54B-7F91-2C98-D6AB-CBA0-0AEE-883B-FC4A-3D90-D8EB-0C15-086E-E5F5-4DCC-5DA0
City/State/Zip: Fresno/CA/93711	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Steven A. Jones	Responsible Designer Signature:
Company: Teter Architects & Engineer	Date Signed: 2024-08-20
Address: 7535 N Palm Ave, Suite 201	License: M32797
City/State/Zip: Fresno CA 93711	Phone: 559-437-0887

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC: A
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
TITLE 24 DOCUMENTATION

PROJECT NO.
12500

DRAWING
P900

\\tet-file1\Users\sophia.nyberg_TETR\Documents\12500-M-PC_CULTURAL_sophia.nyberg.rvt

ANCHORAGE & BRACING NOTES

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26, AND 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G., OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP ☒ MD ☒ PP ☐ E ☐ - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP ☐ MD ☐ PP ☐ E ☐ - OPTION 2: SHALL COMPLY WITH HCAi (OSHPD) PRE-APPROVAL (OPM #) #_____, AS INCLUDED IN THESE DRAWINGS WITH PROJECT-SPECIFIC NOTES AND DETAILS.

TITLE 24 ACCEPTANCE TESTING

THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.

LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).

MECHANICAL SYSTEMS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.

ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR, ENGINEER/ARCHITECT OF RECORD, OR THE OWNER'S AGENT.

A LISTING OF CERTIFIED ATT CAN BE FOUND AT:
https://www.energy.ca.gov/programs-and-topics/programs/acceptance-test-technician-certification-provider-program/acceptance.

THE ACCEPTANCE TESTING PROCEDUERS MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.

PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

LEGEND

SYMBOL	ITEM	ABBR.
	ABOVE	ABV
	ABOVE CEILING	ABV CLG
	ABOVE FINISHED FLOOR	AFF
	ALTERNATE	ALT
	AIR CONDITIONING	AC
	AIR FLOW STATION	AFS
	AIR HANDLER UNIT	AHU
	ANALOG INPUT	AI
	ANALOG OUTPUT	AO
&	AND	
	ARCHITECT / ARCHITECTURAL	ARCH
@	AT	
	BACKDRAFT DAMPER	BDD
	BELOW FINISH CEILING	BFC
	BELOW FLOOR	BEL FLR
	BELOW GRADE	BEL GR
	BLIND FLANGE	BLF
	BRITISH THERMAL UNIT	BTU
	BRITISH THERMAL UNIT PER HOUR	BTUH
	CALIFORNIA MECHANICAL CODE	CMC
	CALIFORNIA PLUMBING CODE	CPC
	CEILING	CLG
℄	CENTER LINE	
	CONTINUATION	CONT
	CUBIC FEET OF AIR PER MINUTE	CFM
	CURRENT SENSOR	CS
Φ	DIAMETER	DIA
	DIFFERENTIAL PRESSURE SWITCH	DPS
	DIGITAL INPUT	DI
	DIGITAL OUTPUT	DO
	DOWN	DN
	DRAWING	DWG
	ELECTRICAL	ELEC
	ELBOW	ELL
	EXHAUST	EXH
	EXHAUST AIR	EA
	EXHAUST FAN	EF
	EXISTING	(E)
	FEET	FT
	FLOOR	FLR
	FLOW LINE	FL
	FLOW SWITCH	FS
	GAUGE	GA
	GALLON	GAL
	GALLONS PER HOUR	GPH
	GALLONS PER MINUTE	GPM
	INSIDE DIAMETER	ID
	MAKE-UP AIR UNIT	MAU
	MAXIMUM	MAX
	MINIMUM	MIN
	NEW	(N)
	NOT IN CONTRACT	NIC
	NOT TO SCALE	NTS
#	NUMBER	NO.
	OUTSIDE AIR	OSA
	OUTSIDE DIAMETER	OD
	POUNDS	LBS
	POUNDS PER SQUARE INCH	PSI
	POUNDS PER SQUARE INCH ABSOLUTE	PSIA
	POUNDS PER SQUARE INCH GAUGE	PSIG
	POLYVINYL CHLORIDE	PVC
	PRESSURE STATION	PS
	RETURN AIR	RA
	ROOM	RM
	SUPPLY AIR	SA
	SPECIFICATION	SPEC
	SQUARE FEET	SQ FT
	STAINLESS STEEL	SS
	TEMPERATURE	TEMP
	TEMPERATURE SENSOR	TS
	THROUGH	THRU
	TYPICAL	(TYP)

SYMBOL	ITEM	ABBR.
	UNDER GROUND	U/G
	VARIABLE AIR VOLUME UNIT	VAV
	WITH	W/
	WITHOUT	W/O
—BD—	BOILER BLOWDOWN	
—BF—	BOILER FEED	
—CF—	CHEMICAL FEED	
—A—	COMPRESSED AIR	A
—CHWS—	CHILLED WATER SUPPLY	CHWS
—CHWR—	CHILLED WATER RETURN	CHWR
—CWS—	CONDENSER WATER SUPPLY	CWS
—CWR—	CONDENSER WATER RETURN	CWR
—CW—	DOMESTIC COLD WATER	
—HWS—	HOT WATER SUPPLY	HWS
—HWR—	HOT WATER RETURN	HWR
—RD—	REFRIGERANT DISCHARGE	RD
—RL—	REFRIGERANT LIQUID	RL
—RS—	REFRIGERANT SUCTION	RS
—SCW—	SOFT COLD WATER	
—S—	STEAM SUPPLY	S
—CR—	STEAM CONDENSATE RETURN	CR
—SBD—	SURFACE BLOWDOWN	
—D—	DRAIN	D
	PIPING CAP	
	EXISTING (DESIGNATED)	(E)
	REMOVE / DEMO EXISTING (DESIGNATED)	
	DIRECTION OF FLOW	
	SUPPLY AIR	SA
	RETURN AIR	RA
	EXHAUST AIR	EA
	PIPE/DUCT TURN DOWN	
	PIPE/DUCT TURN UP	
	ROUND DUCT (SMALLER THAN 10Φ)	
	ROUND FLEXIBLE DUCT	
	RECTANGULAR OR ROUND DUCT (10Φ AND LARGER)	
	EXISTING DUCT (DESIGNATED)	
	REMOVE/ DEMO EXISTING DUCT (DESIGNATED)	
	DUCT WITH ACOUSTIC LINING	
	SUPPLY AIR DUCT DROP	
	SUPPLY AIR DUCT RISE	
	RETURN AIR DUCT DROP	
	RETURN AIR DUCT RISE	
	EXHAUST AIR DUCT DROP	
	EXHAUST AIR DUCT RISE	
	OUTSIDE AIR DUCT DROP	
	OUTSIDE AIR DUCT RISE	
	TURNING VANES	TV
	EXTRACTOR	
(CO)	CO_2 SENSOR	
(DD)	DUCT DETECTOR	DD
(HD)	HEAT DETECTOR	HD
(SD)	SMOKE DETECTOR	SD
(M)	MOTORIZED DAMPER	
	FIRE DAMPER W/MOTORIZED RESET AND ACCESS DOOR	
	FIRE DAMPER WITH ACCESS PANEL OR SECURITY BARS	
-OR-▲	FIRE DAMPER WITH ACCESS PANEL	FD
-OR-■	FIRE/SMOKE DAMPER WITH ACCESS PANEL	F/SD
	VOLUME CONTROL DAMPER WITH LOCKING QUADRANT	VCD
(T)	REMOTE T'STAT WITH SENSOR IN DUCT	
(T) AC-1	THERMOSTAT: THERMOSTAT LABEL EXAMPLE: THERMOSTAT FOR AC-1 MOUNT AT 48" AFF TO TOP OF BOX	T'STAT
	POINT OF CONNECTION TO EXISTING	POC
	BYPASS TIMER	BPT
	THERMOMETER	
	PRESSURE GAGE	

SYMBOL	ITEM	ABBR.
	SECURITY BARS	
	PETE'S PLUG	
	BALANCING COCK	
	BALL VALVE	
	BUTTERFLY VALVE	
	CHECK VALVE	
	CONCENTRIC REDUCER	
	TWO-WAY CONTROL VALVE	
	FLOW SWITCH	FS
	FLEXIBLE CONNECTION	FLEX
	GATE VALVE	
	GLOBE VALVE	
	INSTRUMENT WELL	
	PLUG VALVE	
	PRESSURE RELIEF VALVE	PRV
	"Y" TYPE STRAINER	
	UNION	
1	KEYNOTE	
A	GRILLE TAG	
EF 8	NEW EQUIPMENT TAG EXAMPLE: DESCRIPTION EF, MARK NUMBER 8	
2 / M202	DETAIL REFERENCE EXAMPLE: DETAIL 2, SHEET M202	
3 / M400	SECTION REFERENCE EXAMPLE: SECTION 3, SHEET M400	

GENERAL NOTES

1. COORDINATION OF WORK: LAYOUT OF MATERIALS, EQUIPMENT AND SYSTEMS IS GENERALLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED. SOME WORK MAY BE SHOWN OFFSET FOR CLARITY.
2. THE ACTUAL LOCATION OF ALL MATERIALS, PIPING, DUCTWORK, FIXTURES, EQUIPMENT, SUPPORTS, ETC. SHALL BE CAREFULLY PLANNED, PRIOR TO INSTALLATION OF ANY WORK TO AVOID ALL INTERFERENCES WITH EACH OTHER, OR WITH STRUCTURAL, ELECTRICAL, ARCHITECTURAL OR OTHER ELEMENTS.
3. VERIFY THE PROPER VOLTAGE AND PHASE OF ALL EQUIPMENT WITH THE ELECTRICAL PLANS. ALL CONFLICTS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND THE ENGINEER PRIOR TO THE INSTALLATION OF ANY WORK OR THE ORDERING OF ANY EQUIPMENT.
4. PROVIDE ALL DUCT TRANSITION PIECES AND FITTINGS REQUIRED TO ACCOMMODATE MECHANICAL EQUIPMENT CONNECTIONS, STRUCTURE, ARCHITECTURAL ELEMENTS, AND CHANGES IN DUCT SIZES.
5. ALL DUCTWORK SHALL BE CONSTRUCTED, ERECTED AND TESTED IN ACCORDANCE WITH THE STANDARDS ADOPTED BY SMACNA AND CHAPTER 6 OF THE 2022 CMC.
6. ALL DUCTWORK AND PIPING SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF THE 2022 CMC. INSULATION MATERIALS SHALL MEET THE CALIFORNIA QUALITY STANDARD PER SECTION 110.8, 120.3, AND 120.4 OF THE 2022 CALIFORNIA ENERGY CODE.
7. ALL DUCT SIZES SHOWN ARE NET INSIDE DIMENSIONS.
8. DUCTWORK SHALL BE SHEET METAL CONSTRUCTED IN COMPLETE CONFORMANCE WITH CMC LATEST EDITION, CHAPTER 6 AND THE LATEST SMACNA HVAC DUCT CONSTRUCTION STANDARDS.
9. ALL DRAWINGS AND SPECIFICATIONS ARE TO BE CONSIDERED PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS PRIOR TO ANY CONSTRUCTION, INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENT SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR THE OWNER REPRESENTATIVE.
10. PROVIDE VOLUME DAMPERS IN ALL BRANCH DUCTS (SUPPLY, RETUTRN, O.A. AND EXHAUST) FOR SYSTEM BALANCING.
11. HANDLE, STORE AND INSTALL ALL EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS AND AS DIRECTED IN THE PROJECT MANUAL.
12. ALL AIR SYSTEMS SHALL BE TESTED, ADJUSTED AND BALANCED TO MEET THE REQUIRED FLOW. TAB METHODOLOGY SHALL BE SUBMITTED TO OWNER REPRESENTATIVE PRIOR TO IMPLEMENTATION AND IN ACCORDANCE WITH PROJECT SEQUENCING.

MECHANICAL SHEET INDEX

M001 MECHANICAL SCHEDULES, LEGENDS, AND NOTES
M002 MECHANICAL SCHEDULES
M200 MECHANICAL FLOOR PLAN
M500 MECHANICAL ROOF PLAN
M800 MECHANICAL DETAILS
M801 MECHANICAL DETAILS
M900 TITLE 24 DOCUMENTATION
M901 TITLE 24 DOCUMENTATION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
MECHANICAL SCHEDULES, LEGENDS, AND NOTES

PROJECT NO.
12500

DRAWING
M001

PLOT DATE: 9/23/2025 5:09:26 PM

MECHANICAL SCHEDULES

ROOF VENT SCHEDULE

DESIGNATION	RV-1	RV-2	RV-3	RV-4
CFM	1350	3600	3,600	1,350
EXT. S P (IN. WC)	0.047	0.044	0.026	0.016
THROAT VEL. (FT/MIN)	600	576	432	338
THROAT AREA (FT2)	2.25	6.25	8.33	4
MOUNTING	ROOF CURB	ROOF CURB	ROOF CURB	ROOF CURB
MANUFACTURER	GREENHECK	GREENHECK	GREENHECK	GREENHECK
MODEL NUMBER	FGI-18X18	FGI-30X30	FGR-30X40	FGR-24X24
LOCATION	ROOF CURB	ROOF CURB	ROOF CURB	ROOF CURB
OPER. WT. (LBS)	80	150	155	100
ACCESSORIES	1	1	1,2	1,2

1. PROVIDE BIRD SCREEN, AND MANUFACTURER'S SLOPED ROOF CURB FOR METAL BLDG ROOF.
2. PROVIDE GRAVITY BACKDRAFT DAMPER.

GRILLE SCHEDULE

MARK	DUTY	DESCRIPTION
A	LAY-IN SUPPLY	TITUS MODEL PMC (TYPE 3) PERFORATED FACE DIFFUSER FIELD POSITIONABLE DIRECTIONAL LOUVER CORE MOUNTED IN SQUARE NECK FOR LAY-IN CEILING, 24"x24" MODULE, STANDARD FINISH - #26 WHITE.
B	LAY-IN RETURN / EXHAUST	TITUS MODEL PAR (TYPE 3) PERFORATED FACE DIFFUSER FOR LAY-IN CEILING, 24"x24" MODULE, STANDARD FINISH - #26 WHITE.
C	SURFACE MOUNT RETURN/EXHAUST	TITUS MODEL 25RL (TYPE 1), STEEL FIXED LOUVER, 1/2" BLADE SPACING, 30° FIXED DEFLECTION, O.B.D., FLAT BLACK INTERIOR, AND #26 WHITE FINISH.
D	SURFACE MOUNT SUPPLY	TITUS TDC (TYPE 1), STEEL LOUVERED FACE DIFFUSER, SQUARE OR RECTANGULAR NECK, O.B.D., #26 WHITE FINISH
E	LAY-IN RELIEF	TITUS MODEL 25RL (TYPE 3), STEEL FIXED LOUVER, 1/2" BLADE SPACING, 30° FIXED DEFLECTION, 24X48 OR 24X24 MODULE, AND #26 WHITE FINISH.
F	DUCT MOUNTED EXHAUST	TITUS MODEL S300FL, ALUMINUM DIRECT SPRIAL DUCT MOUNTED DOUBLE DEFLECTION, 3/4" BLADE SPACING, 0° FIXED DEFLECTION, AND #26 WHITE FINISH.

INDOOR UNIT SCHEDULE

DESIGNATION		FC-1	FC-2	FC-3	FC-4A,4B	FC-5
BLOWER	SUPPLY AIR (CFM)	800	1350	3600	440	755
	EXT. S P (IN. WC)	0.80	0.80	0.80	-	-
	MIN. O.S.A. (CFM)	250	435	820	15	-
	VOLTS/PHASE	208/1	208/1	208/3	208/1	208/1
	MCA / MOCP	1.8/15	3.3/15	15.5/20	15	15
	F.L.A.	-	-	13.8	0.3	-
	RPM	-	-	1043	-	-
	DRIVE	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT
COOLING	SENSIBLE (MBH)	23.3	39.3	86.8	7.1	16.36
	TOTAL (MBH)	27.6	49.7	108.6	8.8	26.4
	EADB/EAWB (oF)	80/64	80/64	80/67	80/64	80/67
		-	-	-		-
HEATING	CAP. (MBH)	35.30	62.50	97.00	10.90	COOLING MODE ONLY
						-
						-
						-
FILTERS	TYPE	2" PLEATED	2" PLEATED	2" PLEATED	WASHABLE	WASHABLE
	EFFICIENCY	MERV-13	MERV-13	MERV-13	MERV-8	MERV-8
MANUFACTURER		DAIKIN	DAIKIN	DAIKIN	DAIKIN	DAIKIN
TYPE		CONCEALED DUCTED	CONCEALED DUCTED	CONCEALED DUCTED	CEILING CASSETTE	WALL MOUNT
MODEL NUMBER		FXSA30AAVJU	FXSA54AAVJU	DAQ12033	FXFA09AAVJU	FTXF24AXVJU
LOCATION		MEZZANINE	MEZZANINE	MEZZANINE	OFFICE	IT
OPER. WT (LBS)		84	115	430	42	31
ACCESSORIES		1,3,7	1,3,4	1,3,4	1	1,2, 5,6

1. WIRED WALL MOUNTED THERMOSTAT
2. REFRIGERANT LINE SET COVERS FOR EXPOSED PIPING IN ROOM (AC COVER GUARD)
3. MERV-13 FILTER BOX
4. PROVIDE MICROMETAL ECONOMIZER MIXING BOX
5. PROVIDE WITH DAIKIN DACA-CP1-1 CONDENSATE PUMP.
6. INDOOR UNIT POWERED FROM OUTDOOR UNIT.
7. PROVIDE INTELLIGENT TOUCH MANAGER (DCM601B71) WITH BACNET SERVER/GATEWAY (DCM014A51).

OUTDOOR UNIT SCHEDULE

DESIGNATION	CU-1	CU-2	CU-3	CU-4	CU-5
NAME PLATE AMPS	-	-	-	-	-
VOLTS/PHASE	208/1	208/1	208/3	208/1	208/60
MCA/MOCP	19.8/20	29.4/30	41.6/50	19.8/20	16.34/20
EER/SEER (AT ARI)	14.8 / 23.3	12 / 20	11.2/16	14.8 / 23.3	21/12
COOLING CAP (MBH)	25.3	48.8	108	21.9	26.4
AMBIENT (oF)	102	102	105	102	102
HSPF	9.6	9.5	3.4 COP	9.6	
HEATING CAP (MBH)	29.9	47.9	97	23.9	26.4
AMBIENT (oF)	32	32	47	32	102
MANUFACTURER	DAIKIN	DAIKIN	DAIKIN	DAIKIN	DAIKIN
TYPE	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
MODEL NUMBER	RXTA24AAVJU	RXTA48AAVJU	DH6TE12030A	RXTA24AAVJU	RXF24AXVJU
LOCATION	ROOF	ROOF	ROOF	ROOF	ROOF
OPER. WT (LBS)	220	220	417	220	101
ACCESSORIES	-	-	-	-	-

EXHAUST FAN SCHEDULE

DESIGNATION	EF-1	EF-2	EF-3	EF-4
CFM	200	100	75	120
EXT. S P (IN. WC)	0.25	0.25	0.25	0.40
HP/ WATTS	- / 83	- / 18	- / 14	0.25 / -
VOLTS/ PHASE	115/1	115/1	115/1	115/1
RPM	856	1056	886	1221
INLET SONES	1.9	0.6	0.6	54 DBA
DRIVE	DIRECT	DIRECT	DIRECT	DIRECT
MOUNTING	CEILING	CEILING	CEILING	INLINE
MANUFACTURER	GREENHECK	GREENHECK	GREENHECK	GREENHECK
TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
MODEL NUMBER	SP-A250	SP-A125	SP-A110	SQ-97-VG
CONTROL	EMS	EMS	EMS	EMS
LOCATION	WOMEN'S RESTROO...	MEN'S RESTROOM...	GENDER NEUTRAL...	MEZZANINE
OPER. WT. (LBS)	26	20	31	50
ACCESSORIES	1,2,3	1,2,3	1,2,3	1,4

1. BACKDRAFT DAMPER
2. SPEED CONTROLLER
3. ALUMINUM GRILLE
4. ECM MOTOR, INSULATED HOUSING AND NEOPRENE SUSPENDED ISOLATOR KIT.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

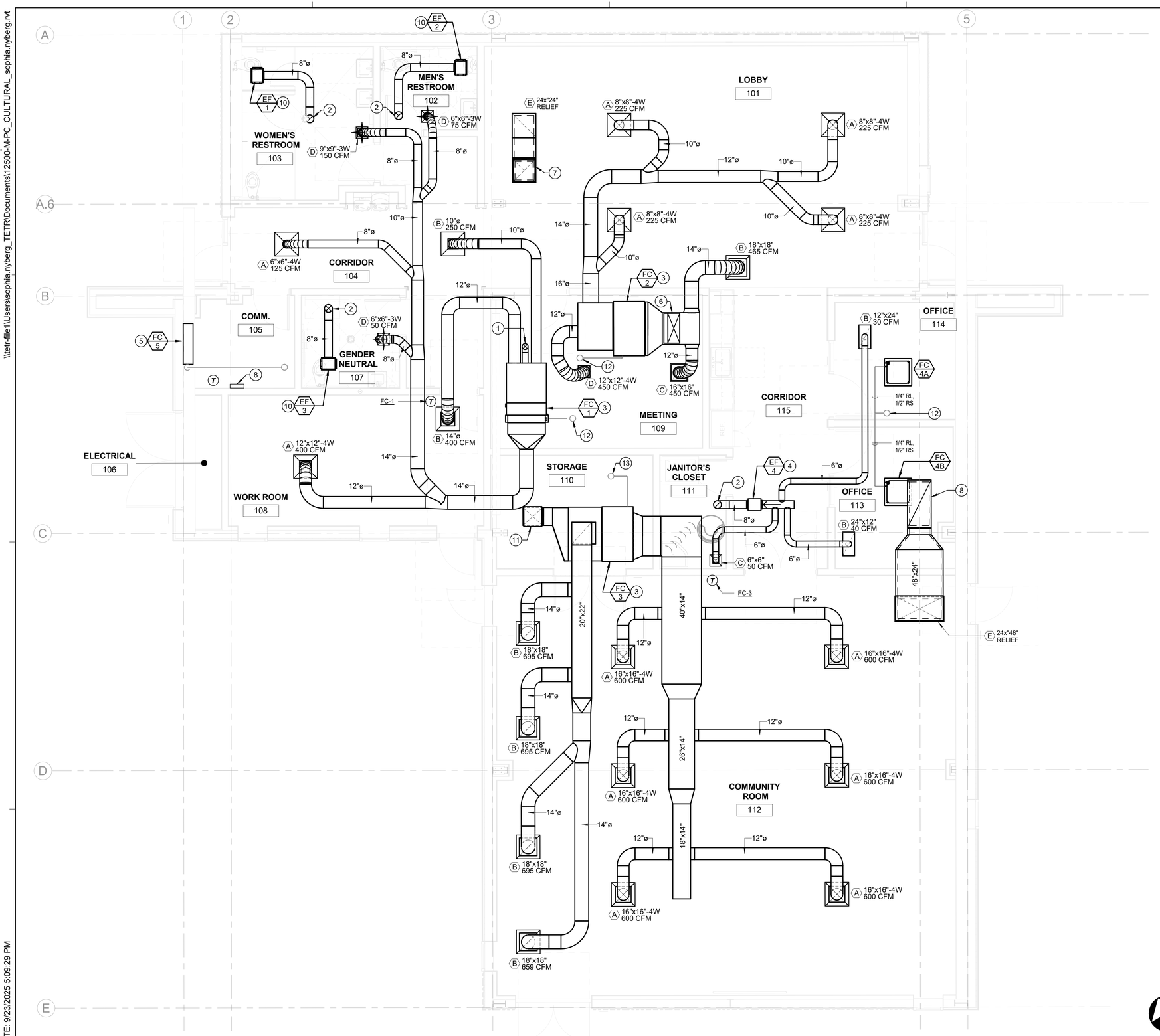
DRAWING TITLE
MECHANICAL SCHEDULES

PROJECT NO.
12500

DRAWING
M002

\\tet-file1\Users\sophia.nyberg_TETR\Documents\12500-M-PC_CULTURAL_sophia.nyberg.rvt

PLOT DATE: 9/23/2025 5:09:26 PM



PROPOSED MECHANICAL FLOOR PLAN

1/4" = 1'-0" | 1

KEYNOTES

1. 8"OSA DUCT UP THROUGH ROOF.
2. 8"EA DUCT UP THROUGH ROOF.
3. FAN COIL UNIT SUSPENDED FROM STRUCTURE ABOVE SEE 1/M800 DETAIL.
4. IN-LINE EXHAUST FAN SUSPENDED FROM STRUCTURE ABOVE SEE 3/M800 DETAIL.
5. FOR FAN COIL UNIT ANCHORAGE SEE 8/M800 DETAIL.
6. 30"x12" OSA DUCT FROM ECONOMIZER MIXING BOX TRANSITION TO 18"x18" UP TO VENT ON ROOF.
7. 24"x24" ACOUSTIC LINE RELIEF DUCT UP THROUGH ROOF. SEE M500 FOR RELIEF HOOD ON ROOF.
8. 30"x40" ACOUSTIC LINE RELIEF DUCT UP THROUGH ROOF. SEE M500 FOR RELIEF HOOD ON ROOF.
10. CEILING MOUNTED EXHAUST FAN. SEE 11/M800 FOR DETAIL.
11. 30"x30" OA DUCT UP TO VENT ON ROOF.
12. 3/8"RL AND 5/8"RS REFRIGERANT PIPING THROUGH ROOF.
13. 5/8"RL AND 1-3/8"RS REFRIGERANT PIPING THROUGH ROOF.

GENERAL NOTES

1. REFRIGERANT RL & RS PIPING SHOWN AS SINGLE LINE FOR CLARITY. REFRIGERANT PIPING SHALL BE INSTALLED PER EQUIPMENT MANUFACTURER'S GUIDELINES AND REQUIREMENTS.
2. ALL RECTANGULAR DUCTWORK SHALL BE PROVIDED WITH DUCT LINER.
3. SEE DETAIL 4/M800 FOR TYPICAL CEILING REGISTER.
4. SEE DETAIL 5/M800 FOR TYPICAL DUCT BRANCH DETAILS.
5. SEE DETAIL 12/M800 FOR TYPICAL DUCT SUPPORTS.
6. MOUNT THERMOSTAT ON WALL AT +48" AFF TO TOP OF BOX.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

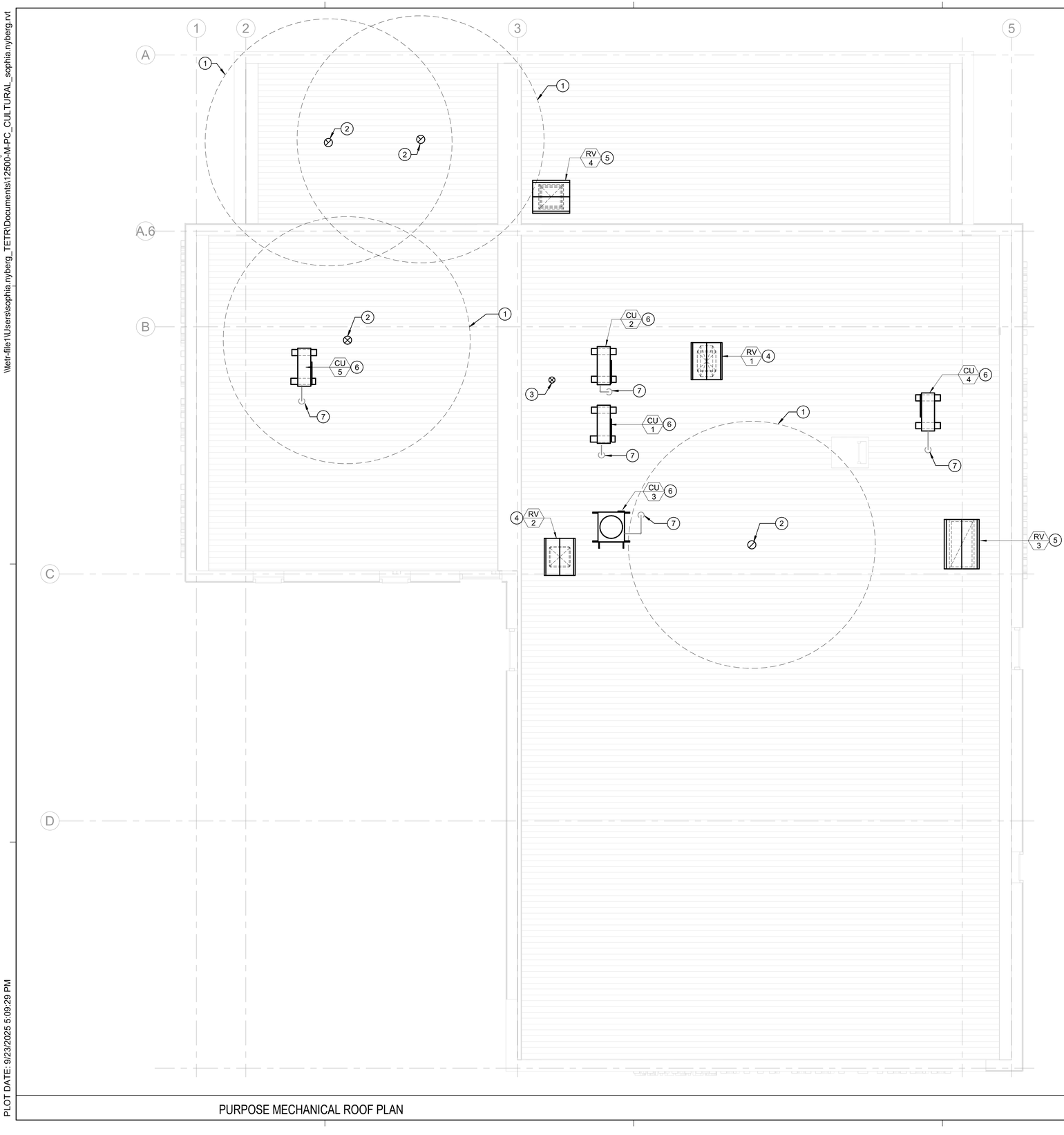
DRAWING TITLE
MECHANICAL FLOOR PLAN

PROJECT NO.
12500

DRAWING
M200

PLOT DATE: 9/23/2025 5:09:29 PM

\\tetr-file1\Users\sophia.nyberg_TETR\Documents\12500-M-PC_CULTURAL_sophia.nyberg.rvt



KEYNOTES

1. MAINTAIN MINIMUM 10' CLEARANCE FROM EXHAUST TO ALL OUTSIDE AIR INTAKES.
2. 8"EA DUCT THRU ROOF. TERMINATE WITH GOOSENECK SEE 6/M800 FOR DETAIL.
3. 8"OSA DUCT THRU ROOF. TERMINATE WITH GOOSENECK SEE 6/M800 FOR DETAIL.
4. 20"X14"OA DUCT THRU ROOF TO ROOF VENT. SEE 10/M800 FOR DETAIL.
5. ROOF VENT HOOD SEE 10/M800 FOR DETAIL.
6. FOR CONDENSING UNIT ANCHORAGE SEE 9/M800 DETAIL.
7. REFRIGERANT PIPING DOWN, SEE 7/M800 FOR ROOF PENETRATION. ALL REFRIGERANT PIPING SHALL BE PROVIDED WITH ALUMINUM SHIELDING OVER INSULATION FOR UV/WEATHER PROTECTION.

NORTH

PURPOSE MECHANICAL ROOF PLAN

1/4" = 1'-0" | 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

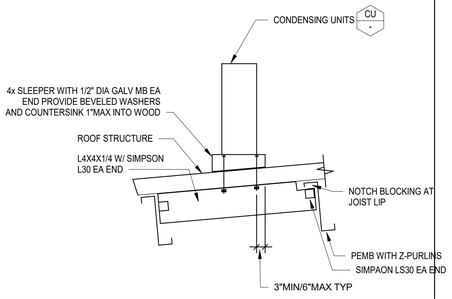
DRAWING TITLE
MECHANICAL ROOF PLAN

PROJECT NO.
12500

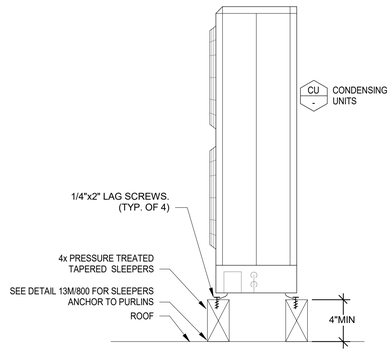
DRAWING
M500

\\tet-file1\Users\sophia.nyberg_TETER\Documents\12500-M-PC_CULTURAL_sophia.nyberg.rvt
PLOT DATE: 9/23/2025 5:09:29 PM

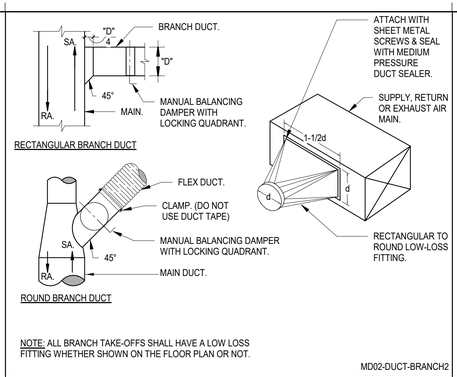
\\tet-file1\Users\sophia.nyberg_TETER\Documents\12500-M-PC_CULTURAL_sophia.nyberg.rvt



SLEEPERS ANCHOR TO PURLINS N.T.S. 13



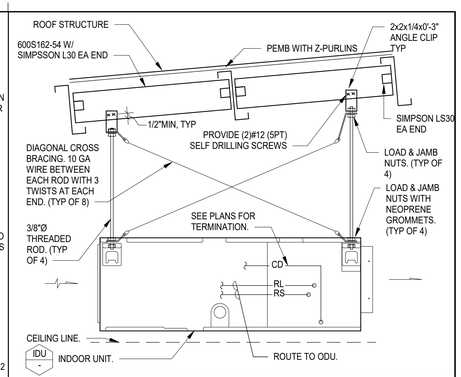
OUTDOOR UNIT ANCHORAGE ON ROOF N.T.S. 9



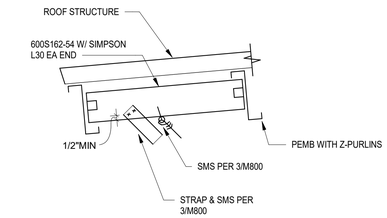
NOTE: ALL BRANCH TAKE-OFFS SHALL HAVE A LOW LOSS FITTING WHETHER SHOWN ON THE FLOOR PLAN OR NOT.

MD02-DUCT-BRANCH2

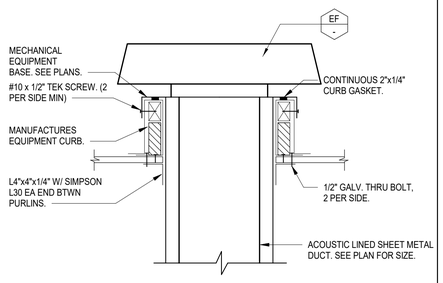
TYPICAL BRANCH DUCT DETAILS N.T.S. 5



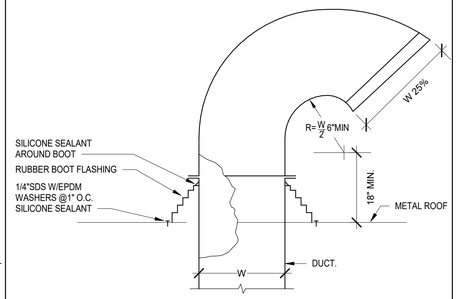
INDOOR UNIT – CONCEALED DUCTED N.T.S. 1



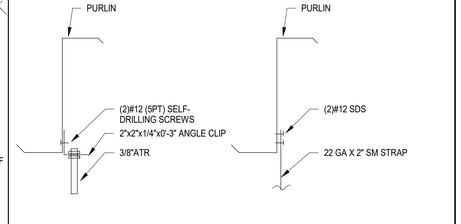
HANGER DETAIL N.T.S. 14



VENT HOOD ON CURB N.T.S. 10

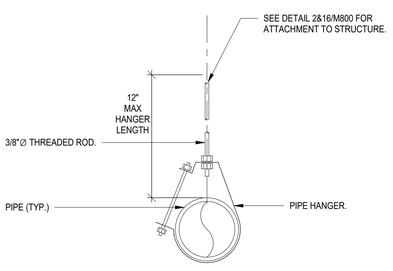


GOOSENECK DETAIL N.T.S. 6



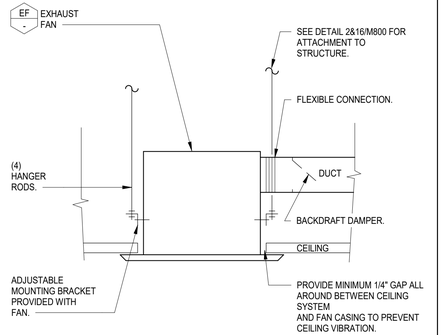
NOTE:
PURLIN LIP MUST NOT BE DISTORTED

HANGER DETAIL AT PURLINS N.T.S. 2

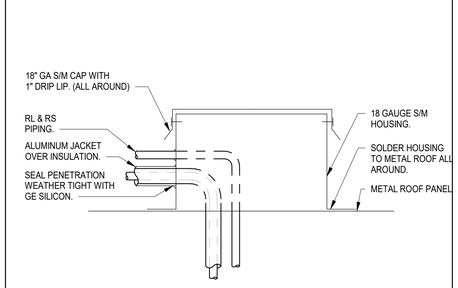


NOTES:
1. SEE PLANS FOR PIPE SIZE.

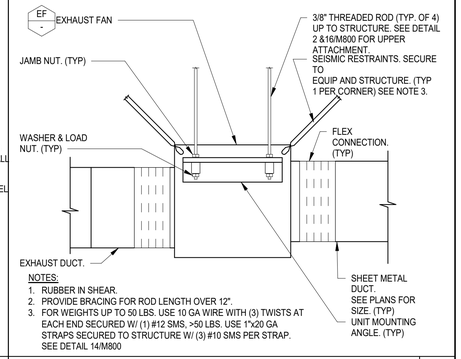
PIPE HANGER SUPPORT N.T.S. 15



CEILING EXHAUST FAN N.T.S. 11

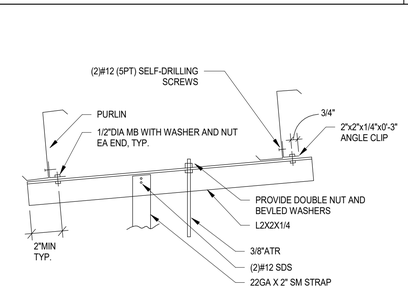


INSULATED PIPE ROOF PENETRATION N.T.S. 7



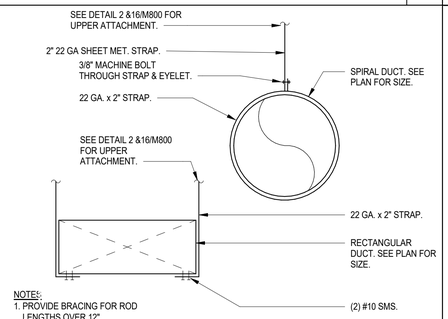
NOTES:
1. RUBBER IN SHEAR.
2. PROVIDE BRACING FOR ROD LENGTH OVER 12".
3. FOR WEIGHTS UP TO 50 LBS. USE 10 GA WIRE WITH (3) TWISTS AT EACH END SECURED W/ (1) #12 SMS. >50 LBS. USE 1"x20 GA STRAPS SECURED TO STRUCTURE W/ (3) #10 SMS PER STRAP. SEE DETAIL 14/M800

EXHAUST FAN - IN LINE N.T.S. 3



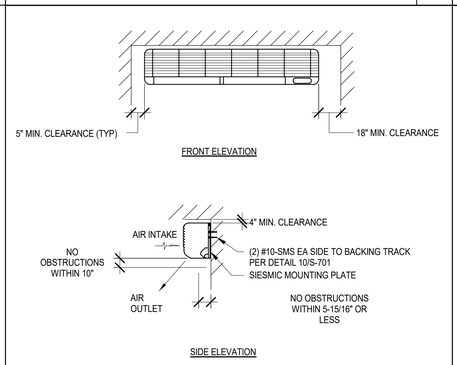
NOTE:
ANGLES, ETC, SHALL NOT BE CONNECTED TO PURLIN FLANGES

HANGER DETAIL BETWEEN PURLINS N.T.S. 16

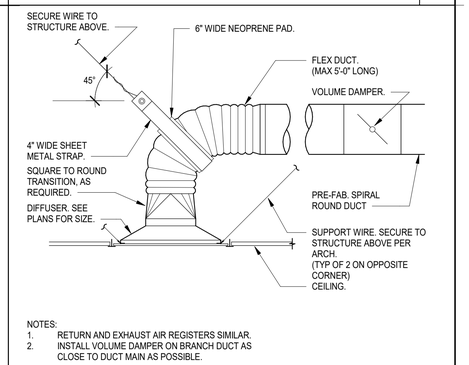


NOTES:
1. PROVIDE BRACING FOR ROD LENGTHS OVER 12".
2. SEE SPECIFICATIONS FOR REQUIRED SPACING.

DUCT SUPPORT DETAIL N.T.S. 12



WALL FAN COIL CLEARANCE N.T.S. 8



NOTES:
1. RETURN AND EXHAUST AIR REGISTERS SIMILAR.
2. INSTALL VOLUME DAMPER ON BRANCH DUCT AS CLOSE TO DUCT MAIN AS POSSIBLE.

CEILING REGISTER N.T.S. 4

PLOT DATE: 9/23/2025 5:09:31 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

REGISTERED PROFESSIONAL ENGINEER — MICHAEL S. TETER — No. M26 — Exp. 06/30/2026 — MECHANICAL — STATE OF CALIFORNIA

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

TETER

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
MECHANICAL DETAILS

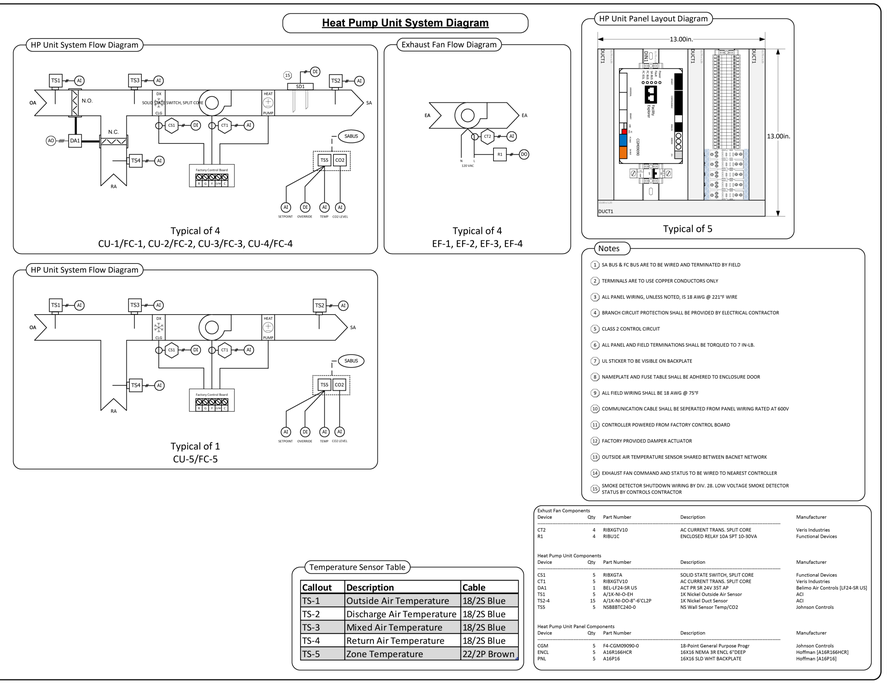
PROJECT NO.
12500

DRAWING
M800

\\tet-file1\Users\sophia.nyberg_TETER\Documents\12500-M-PC_CULTURAL_sophia.nyberg.rvt

PLOT DATE: 9/23/2025 5:09:36 PM

Heat Pump Unit System Diagram



Notes

1. SA BUS & FC BUS ARE TO BE WIRED AND TERMINATED BY FIELD
2. TERMINALS ARE TO USE COPPER CONDUCTORS ONLY
3. ALL PANEL WIRING, UNLESS NOTED, IS 18 AWG @ 221°F WIRE
4. BRANCH CIRCUIT PROTECTION SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR
5. CLASS 2 CONTROL CIRCUIT
6. ALL PANEL AND FIELD TERMINATIONS SHALL BE TORQUED TO 7 IN-LB.
7. UL STICKER TO BE VISIBLE ON BACKPLATE
8. NAMEPLATE AND FUSE TABLE SHALL BE ADHERED TO ENCLOSURE DOOR
9. ALL FIELD WIRING SHALL BE 18 AWG @ 75°F
10. COMMUNICATION CABLE SHALL BE SEPERATED FROM PANEL WIRING RATED AT 600V
11. CONTROLLER POWERED FROM FACTORY CONTROL BOARD
12. FACTORY PROVIDED DAMPER ACTUATOR
13. OUTSIDE AIR TEMPERATURE SENSOR SHARED BETWEEN BACNET NETWORK
14. EXHAUST FAN COMMAND AND STATUS TO BE WIRED TO NEAREST CONTROLLER
15. SMOKE DETECTOR SHUTDOWN WIRING BY DIV. 28. LOW VOLTAGE SMOKE DETECTOR STATUS BY CONTROLS CONTRACTOR

Temperature Sensor Table

Callout	Description	Cable
TS-1	Outside Air Temperature	18/2S Blue
TS-2	Discharge Air Temperature	18/2S Blue
TS-3	Mixed Air Temperature	18/2S Blue
TS-4	Return Air Temperature	18/2S Blue
TS-5	Zone Temperature	22/2P Brown

Exhaust Fan Components				
Device	Qty	Part Number	Description	Manufacturer
CT2	4	RIBKIT/V10	AC CURRENT TRANS. SPLIT CORE	Veris Industries
K1	4	RIB/2C	ENCLOSED RELAY 10A SPT 10-30VA	Functional Devices
Heat Pump Unit Components				
Device	Qty	Part Number	Description	Manufacturer
CS1	5	RIBKIT/A	SOLID STATE SWITCH, SPLIT CORE	Functional Devices
CT1	5	RIBKIT/V10	AC CURRENT TRANS. SPLIT CORE	Veris Industries
DA1	5	P2S-U24-SR-US	24V 5W 24V 35T AP	Belimo Air Controls [LJ24-SR US]
TS1	5	A/1K-N-O-SV1	1K Nickel Outside Air Sensor	AO
TS2-4	15	A/1K-N0-DO-8"-6"CL2P	1K Nickel Duct Sensor	AO
TS5	5	N588BTC240-0	ND Wall Sensor Temp/CO2	Johnson Controls
Heat Pump Unit Panel Components				
Device	Qty	Part Number	Description	Manufacturer
CGM	5	P4-CGM09090-0	18-Point General Purpose Progr	Johnson Controls
ENCL	5	A16R1604HCR	16X16 NEMA 3R ENCL 6"DEEP	Hoffman [A16R1604HCR]
PNL	5	A16P16	16X16 SLD WHT BACKPLATE	Hoffman [A16P16]

EMCOR Services Mesa Energy

Submittal Copy:

#	Submittal Type	Date
1		
2		
3		
4		
5		

TETER, Inc.

		Date:
Architect:		
Engineer:		
Contractor:		
Designed by	AR	7/12/2024
Drawn by	ZTL	7/12/2024
Checked by	RGT	7/12/2024

KCCD - Porterville College Multi-Cultural & Interactive Gardens

Heat Pump Unit System Diagram

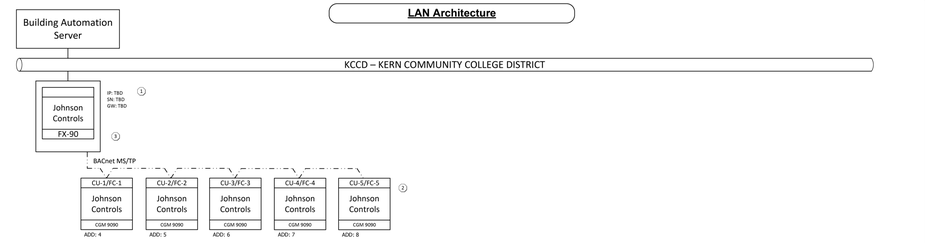
Job Number

Sheet Number 3 OF 4

N.T.S. | 3

HEAT PUMP UNIT SYSTEM DIAGRAM

LAN Architecture



Scope
Johnson Controls FX-90 will be provided as the main controller that will control the other units. The unit panel CGM09090 will be provided for each fan coil. The exhaust fan will be connected to one of CGM09090. There will be an economizer sensor to allow for 100%OA.

Sequence of Operation

Indoor Fan
During occupied periods, fan shall operate continuously. During unoccupied periods, fan shall operate when the space temperature exceeds the unoccupied heating or cooling setpoints. The fan operates at one speed only and provides on/off operation.

Heating Mode
When space temperature is below the occupied heating setpoint, unit shall operate in the heating mode. Units shall stage available heat stages to satisfy demand in the occupied space.

Cooling Mode
When space temperature is below the occupied cooling setpoint, unit shall operate in the cooling mode. Unit shall stage available cooling stages to satisfy demand in the occupied space.

Notes

1. IP ADDRESSES ASSIGNED BY IT DEPARTMENT
2. EOL SWITCH ACTIVE ON LAST DEVICE
3. JACE CONTROLLER TO BE BROUGHT INTO EXISTING CAMPUS JOHNSON CONTROLS EMS

EMCOR Services Mesa Energy

Submittal Copy:

#	Submittal Type	Date
1		
2		
3		
4		
5		

TETER, Inc.

		Date:
Architect:		
Engineer:		
Contractor:		
Designed by	AR	7/12/2024
Drawn by	ZTL	7/12/2024
Checked by	RGT	7/12/2024

KCCD - Porterville College Multi-Cultural & Interactive Gardens

LAN Architecture

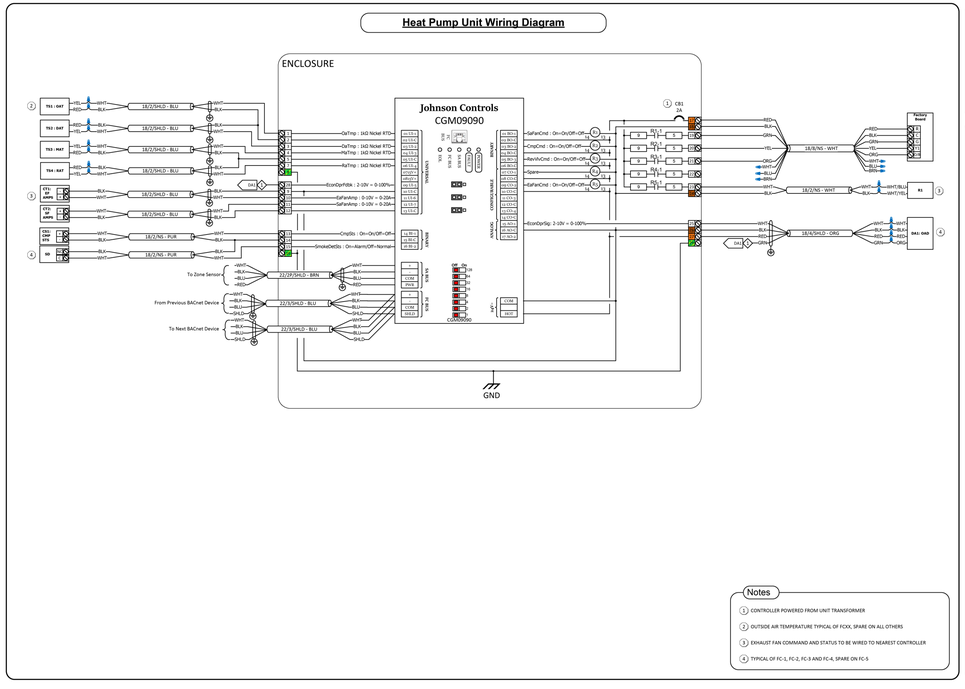
Job Number

Sheet Number 1 OF 4

N.T.S. | 1

HEAT PUMP UNIT WIRING DIAGRAM

Heat Pump Unit Wiring Diagram



Notes

1. CONTROLLER POWERED FROM UNIT TRANSFORMER
2. OUTSIDE AIR TEMPERATURE TYPICAL OF FCXX, SPARE ON ALL OTHERS
3. EXHAUST FAN COMMAND AND STATUS TO BE WIRED TO NEAREST CONTROLLER
4. TYPICAL OF FC-1, FC-2, FC-3 AND FC-4, SPARE ON FC-5

EMCOR Services Mesa Energy

Submittal Copy:

#	Submittal Type	Date
1		
2		
3		
4		
5		

TETER, Inc.

		Date:
Architect:		
Engineer:		
Contractor:		
Designed by	AR	7/12/2024
Drawn by	ZTL	7/12/2024
Checked by	RGT	7/12/2024

KCCD - Porterville College Multi-Cultural & Interactive Gardens

Heat Pump Unit Wiring Diagram

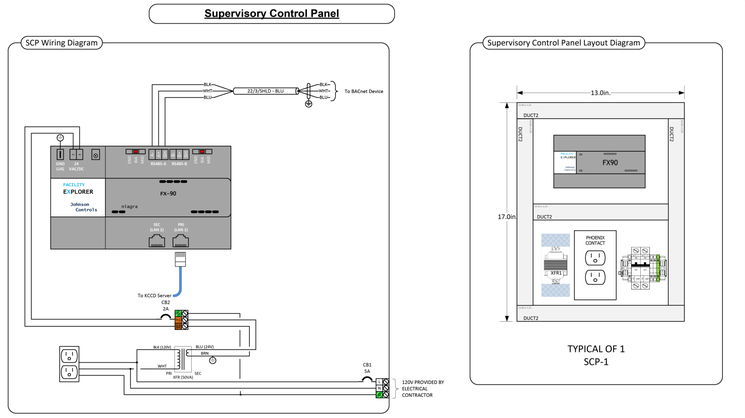
Job Number

Sheet Number 4 OF 4

N.T.S. | 4

SUPERVISORY CONTROL PANEL

Supervisory Control Panel



JACE Supervisory Control Panel				
Device	Qty	Part Number	Description	Manufacturer
CORE SOFTWARE	1	FX-SCSCL005-0	JOHNSON CONTROLS JACE SOFTWARE	Johnson Controls
ENC	1	A20R1604HCR	20X16 NEMA 3R ENCL 6"DEEP	Hoffman
FX90	1	FX-SCB6ASE-0	JOHNSON CONTROLS JACE	Johnson Controls
PNL	1	A20P16	20X16 SLD WHT BACKPLATE	Hoffman
SMA	1	FX-SCYD005M1-0	JOHNSON CONTROLS 1 YEAR SOFTW	Johnson Controls
XFR1	1	VER-X050VA8	XFR 120V/24V 50VA 2HB+FT	Veris Industries

EMCOR Services Mesa Energy

Submittal Copy:

#	Submittal Type	Date
1		
2		
3		
4		
5		

TETER, Inc.

		Date:
Architect:		
Engineer:		
Contractor:		
Designed by	AR	7/12/2024
Drawn by	ZTL	7/12/2024
Checked by	RGT	7/12/2024

KCCD - Porterville College Multi-Cultural & Interactive Gardens

Supervisory Control Panel

Job Number

Sheet Number 2 OF 4

N.T.S. | 2

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
MECHANICAL DETAILS

PROJECT NO.
12500

DRAWING
M801

\\tet-file1\Users\sophia.nyberg_TETR\Documents\12500-M-PC_CULTURAL_sophia.nyberg.rvt

BUILDING ENERGY ANALYSIS REPORT

PROJECT:
Manzanita Cultural Center Porterville College
100 E. College Ave
Porterville, CA 93257

Project Designer:
Teter Architects & Engineer
7535 N Palm Ave, Suite 201
Fresno, CA 93711
559-437-0887

Report Prepared by:
Teter Architects & Engineers
Teter Architects & Engineers
.

Job Number:
12500

Date:
8/20/2024

The EnergyPro computer program has been used to perform the calculations summarized in this compliance report. This program has approval and is authorized by the California Energy Commission for use with both the Residential and Nonresidential 2022 Building Energy Efficiency Standards.

This program developed by EnergySoft, LLC – www.energysoft.com.

TABLE OF CONTENTS

Cover Page	1
Table of Contents	2
Form NRCC/LMCC-PRF-E Certificate of Compliance	3

Project Name: Manzanita Cultural Center Porterville College **Date Prepared:** 2024-08-20

A. General Information

1	Project Name	Manzanita Cultural Center Porterville College			
2	Run Title	Title 24 Analysis			
3	Project Location	100 E. College Ave			
4	City	Porterville	5	Standards Version	Compliance 2022
6	Zip code	93257	7	Compliance Software (version)	EnergyPro 9.1
8	Climate Zone	13	9	Building Orientation (deg)	30
10	Building Type(s)	• Nonresidential	11	Weather File	PORTERVILLE_STYP20.epw
12	Project Scope	• New envelope and mechanical	13	Number of Dwelling Units	0
14	Total Conditioned Floor Area in Scope (ft^2)	3740	15	Total # of hotel/motel rooms	0
16	Total Unconditioned Floor Area (ft^2)	384	17	Fuel Type	Natural gas
18	Nonresidential Conditioned Floor Area	3740	19	Total # of Stories (Habitable Above Grade)	1
20	Residential Conditioned Floor Area	0			

B. PROJECT SUMMARY

Table B shows which building components are included in the performance calculation. If indicated as not included, the project must show compliance prescriptively if within the permit application.

Building Components Complying via Performance				Building Components Complying Prescriptively		
Envelope (See Table G)	Nonres	Performance	Solar Thermal Water Heating (See Table I3)	☐ Performance	The following building components are ONLY eligible for prescriptive compliance and should be documented on the NRCC form listed if within the scope of the permit application (i.e. compliance will not be shown on the NRCC-PRF-E).	
	MultiFam	Not Included		☒ Not Included		
Mechanical (See Table H)	Nonres	Performance	Covered Process: Commercial Kitchens (see Table J)	☐ Performance	Indoor Lighting (Unconditioned) 140.6 & 170.2(e)	NRCC-LTI-E is required
	MultiFam	Not Included		☒ Not Included	Outdoor Lighting 140.7 & 170.2(e)	NRCC-LTO-E is required
Domestic Hot Water (See Table I)	Nonres	Performance	Covered Process: Laboratory Exhaust (see Table J)	☐ Performance	Sign Lighting 140.8 & 170.2(e)	NRCC-LTS-E is required
	MultiFam	Not Included		☒ Not Included	**Building Components Complying with Mandatory Measures**	
Lighting (Indoor Conditioned, see Table K)	Nonres	Not Included	Photovoltaics (see Table F)	☒ Performance	Electrical power systems, commissioning, solar ready, elevator and escalator requirements are mandatory and should be documented on the NRCC form listed if applicable (i.e. compliance will not be shown on the NRCC-PRF-E.)	
	MultiFam	Not Included		☐ Not Included	Electrical Power Distribution 110.11	NRCC-ELC-E is required
			Battery (see Table F)	☐ Performance	Commissioning 120.8	NRCC-CXR-E is required
				☒ Not Included	Solar and Battery 110.10	NRCC-SAB-E is required

C1. COMPLIANCE SUMMARY

COMPLIES[3]

	Time Dependent Valuaton (TDV)		Source Energy Use
	Efficiency[1] (kBtu/ft² - yr)	Total[2] (kBtu/ft² - yr)	Total[2] (kBtu/ft² - yr)
Standard Design	305.68	205.15	23.4
Proposed Design	213.35	149.04	12.82
Compliance Margins	**92.33**	**56.11**	**10.58**
	Pass	**Pass**	**Pass**

[1] Efficiency measures include improvements like a better building envelope and more efficient equipment
[2] Compliance Totals include efficiency, photovoltaics and batteries
[3] Building complies when efficiency and total compliance margins are greater than or equal to zero and unmet load hour limits are not exceeded

C2. TDV ENERGY COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TDV Energy Use, kBtu/ft² - yr)

COMPLIES[2]

Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[1]
Space Heating	29.37	29.47	-0.1
Space Cooling	93.64	103.64	-10
Indoor Fans	130.13	26.99	103.14
Heat Rejection	0	0	0
Pumps & Misc.	0	0	0
Domestic Hot Water	17.04	17.75	-0.71
Indoor Lighting	35.5	35.5	0
Flexibility	---	---	---
EFFICIENCY COMPLIANCE TOTAL	**305.68**	**213.35**	**92.33 (30.2%)**
Photovoltaics	-100.53	-64.31	-36.22
Batteries	---	---	---
TOTAL COMPLIANCE	**205.15**	**149.04**	**56.11 (27.4%)**

[1] Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.

C3. TDV ENERGY RESULTS FOR NON-REGULATED COMPONENTS[1]

Non-Regulated Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[1]
Receptacle	89.89	89.89	---
Process	---	---	---
Other Ltg	3.06	3.06	---
Process Motors	1.5	10.32	-8.82
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	**299.6**	**252.31**	**47.29 (15.8%)**

[1] Notes: This table is not used for Energy Code Compliance.

C4. SOURCE ENERGY COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual SOURCE Energy Use, kBtu/ft² /yr)

COMPLIES[2]

Energy Component	Standard Design (SOURCE)	Proposed Design (SOURCE)	Compliance Margin (SOURCE)[1]
Space Heating	4.31	4.23	0.08
Space Cooling	4.15	4.21	-0.06
Indoor Fans	12.44	2.59	9.85
Heat Rejection	0	0	0
Pumps & Misc.	0	0	0
Domestic Hot Water	3.49	1.4	2.09
Indoor Lighting	2.76	2.76	0
Flexibility	---	---	---
EFFICIENCY COMPLIANCE TOTAL	**27.15**	**15.19**	**11.96 (44.1%)**
Photovoltaics	-3.75	-2.37	-1.38
Batteries	---	---	---
TOTAL COMPLIANCE	**23.4**	**12.82**	**10.58 (45.2%)**

[1] Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.

C5. SOURCE ENERGY RESULTS FOR NON-REGULATED COMPONENTS[1]

Non-Regulated Energy Component	Standard Design (SOURCE)	Proposed Design (SOURCE)	Compliance Margin (SOURCE)[1]
Receptacle	6.58	6.58	---
Process	---	---	---
Other Ltg	0.24	0.24	---
Process Motors	0.14	0.96	-0.82
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	**30.36**	**20.6**	**9.76 (32.1%)**

[1] Notes: This table is not used for Energy Code Compliance.

C6. 'ABOVE CODE' QUALIFICATIONS

☐ This project is pursuing CalGreen Tier 1 ☐ This project is pursuing CalGreen Tier 2

C7. ENERGY USE SUMMARY

Energy Component	Standard Design Site (MWh)	Proposed Design Site (MWh)	Margin (MWh)	Standard Design Site (MBtu)	Proposed Design Site (MBtu)	Margin (MBtu)
Space Heating	3.4	3.6	-0.2	---	---	---
Space Cooling	9.4	8.8	0.6	---	---	---
Indoor Fans	17.2	3.6	13.6	---	---	---
Heat Rejection	---	---	---	---	---	---
Pumps & Misc.	---	---	---	---	---	---
Domestic Hot Water	1.4	2.6	-1.2	10.7	---	---
Indoor Lighting	5.3	5.3	0	---	---	---
Flexibility	---	---	---	---	---	---
EFFICIENCY TOTAL	**36.7**	**23.9**	**12.8**	**10.7**	**0**	**10.7**
Photovoltaics	-18.9	-12	-6.9	---	---	---
Batteries	---	---	---	---	---	---
ENERGY USE SUBTOTAL	**17.8**	**11.9**	**5.9**	**10.7**	**0**	**10.7**
Receptacle	14	14	0	---	---	---
Process	---	---	---	---	---	---
Other Ltg	0.5	0.5	0	---	---	---
Process Motors	0.2	1.4	-1.2	---	---	---
ENERGY USE TOTAL	**32.5**	**27.8**	**4.7**	**10.7**	**0**	**10.7**

C8. ENERGY USE INTENSITY (EUI)

	Standard Design (kBtu/ft² / yr)	Proposed Design (kBtu/ft² / yr)	Margin (kBtu/ft² / yr)	Margin Percentage
GROSS EUI[1]	45.12	32.93	12.19	27.02
NET EUI[1]	29.48	23	6.48	21.98

[1] Notes: Gross EUI is Energy Use Total (not including PV)/Total Building Area. Net EUI is Energy Use Total (including PV)/Total Building Area.

D1. EXCEPTIONAL CONDITIONS

• The project uses the Simplified Geometry Performance Modeling Approach which is not capable of modeling daylighting controls and assumes the prescriptive Secondary Daylit Control requirements are met. PRESCRIPTIVE COMPLIANCE documentation (form NRCC-LTI-02-E) for the requirements of section 140.6(d) Automatic Daylighting Controls in Secondary Daylit Zones is required.
• Project is claiming Exception 3 to Section 140.10(b): No battery storage system required for tenant spaces less than or equal to 5,000 ft2.
• PV/Battery Building Type has been modified from software defaults for one or more spaces. Review project's PV/Battery Building Type(s) with documentation author. Refer to Energy Code section 140.10 for Nonresidential or 170.2(g) for more information.

F1. REQUIRED PV SYSTEMS

01	02	03	04	05	06	07	08	09	10	11	12
DC System Size (kWdc)	Exception[1]	Module Type	Array Type	Power Electronics	CFI	Azimuth (deg)	Tilt Input	Array Angle (deg)	Tilt: (x in 12)	Inverter Eff. (%)	Annual Solar Access (%)
7.13	n/a	Standard (14-17%)	Fixed	none	false	180	Degrees	22	4.85	96	100

[1]See Table D1 for any PV exceptions used.

F1B. PV BATTERY BUILDING TYPE(S)

01	02	03
Building Occupancy Type* (From Table 140.10-A/B and 170.2-U/V)	Conditioned Floor Area (ft^2)	Unconditioned Floor Area (ft^2)
Grocery	0	0
High-Rise Multifamily	0	0
Office, Financial Institutions, Unleased Tenant Space	3740	384
Retail	0	0
School	0	0
Warehouse	0	0
Auditorium, Convention Center, Hotel/Motel, Library, Medical Office Building/Clinic, Restaurant, Theater	0	0
None	0	0

** Building Occupancy Types are defined in Section 100.1 of the Energy Code*

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only)

01	02	03	04
Opaque Surfaces & Orientation	Total Gross Surface Area (ft^2)	Total Fenestration Area (ft^2)	Window to Wall Ratio (%)
North-Facing[1]	1406	230	16.36
East-Facing[2]	1388	215	15.49
South-Facing[3]	736	145	19.7
West-Facing[4]	915	186	20.33
Total	**4445**	**776**	**17.46**
Roof	3740	0	0

Notes
[1]North-Facing is oriented to within 45 degrees of true north, including 45 00'00" east of north (NE), but excluding 45 00'00" west of north (NW),
[2]East-Facing is oriented to within 45 degrees of true east, including 45 00'00" south of east (SE), but excluding 45 00'00" north of east (NE),
[3]South-Facing is oriented to within 45 degrees of true south, including 45 00'00" west of south (SW), but excluding 45 00'00" east of south (SE),
[4]West-Facing is oriented to within 45 degrees of true west, including 45 00'00" north of west (NW), but excluding 45 00'00" south of west (SW),

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC: A
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
TITLE 24 DOCUMENTATION

PROJECT NO.
12500

DRAWING
M900

PLOT DATE: 9/23/2025 5:09:39 PM

G4. NONRESIDENTIAL AIR BARRIER

01	02
Building Story Name	Air Barrier
Com-Floor 1	No air barrier

G5. OPAQUE SURFACE ASSEMBLY SUMMARY

01	02	03	04	05	06		07	08	09	10
Surface Name	Construction Type	Area (ft²)	Framing Type	Cavity R-Value	Continuous R-Value		Units	Value	Description of Assembly Layers	Status[1]
					Interior	Exterior				
Slab On Grade9	Underground Floor	4,124	N/A	0	N/A	N/A	F-factor	0.73	Slab Type =Unheated slab on grade Insulation Orientation =None Insulation R-Value =none	N
Metal Roof z-girts11	Roof	4,124	Metal	21	N/A	N/A	U-factor	0.0321	Metal Insulated Panels - 3 in. Vapor permeable felt - 1/8 in. Air - Cavity - Wall Roof Ceiling - 4 in. or more Composite-1	N
Exterior R-1913	Exterior Wall	4,900	Metal	19	N/A	11.74	U-factor	0.0561	Stucco - 7/8 in. Vapor permeable felt - 1/8 in. Cellular polyisocyanurate (unfaced) - 2 in. R12 Composite-2 Gypsum Board - 1/2 in.	N
R-13 Wall37	Interior Wall	608	Wood	13	N/A	N/A	U-factor	0.0952	Stucco - 7/8 in. Vapor permeable felt - 1/8 in. Composite-3 Gypsum Board - 1/2 in.	N

[1] *Status: N - New, A - Altered, E - Existing*

G6A. OPAQUE DOOR SUMMARY (NONRESIDENTIAL)

01	02	03	04
Assembly Name	Area (ft²)	Overall U-factor	Status[1]
Metal Door108	72	0.7	N

[1] *Status: N - New, A - Altered, E - Existing*

G7A. FENESTRATION ASSEMBLY SUMMARY (NONRESIDENTIAL)

01	02	03	04	05	06	07	08	09
Fenestration Assembly Name	Fenestration Type/ Product Type / Frame Type	Certification Method[1]	Assembly Method	Area (ft²)	Overall U-factor	Overall SHGC	Overall VT	Status[2]
New fenestration	Vertical fenestration Fixed window N/A	NFRC	Site built	631	0.29	0.23	0.54	N
Glass Door	Vertical fenestration Operable window N/A	NFRC	Site built	168	0.29	0.23	0.54	N

[1] *Notes: Newly installed fenestration shall have a certified NFRC Label Certificate or use the CEC default tables found in Table 110.6-A and Table 110.6-B. Center of Glass (COG) values are for the glass-only, determined by the manufacturer, and are shown for ease of verification. Site-built fenestration values are calculated per Nonresidential Appendix NA6 and are used in the analysis.*

[2] *Status: N - New, A - Altered, E - Existing*

H1. DRY SYSTEM EQUIPMENT (FURNACES, AIR HANDLING UNITS, HEAT PUMPS, VRF, ECONOMIZERS ETC.)

01	02	03	04	05	06	07	08	09	10	11	12
Equipment Name	Equipment Type	Qty	Heating				Cooling			Economizer Type (if present)	Status[1]
			Total Heating Output (kBtu/h)	Supp Heat Output (kBtu/h)	Efficiency Unit	Efficiency	Total Cooling Output (kBtu/h)	Efficiency Unit	Efficiency		
CU-1/FC-1	Single Zone Heat Pump (SZHP) Air System	1	49.5	0	N/A	NA	45	EER2 SEER2	7.9 14.6	Differential DB	N
CU-2/FC-2	Single Zone Heat Pump (SZHP) Air System	1	49.5	0	N/A	NA	45	EER2 SEER2	7.9 14.6	Differential DB	N
CU-3/FC-3	Single Zone Heat Pump (SZHP) Air System	1	49.5	0	N/A	NA	45	EER2 SEER2	7.9 14.6	Differential DB	N
CU-4/FC-4	Single Zone Heat Pump (SZHP) Air System	1	37	0	N/A	NA	34.2	EER2 SEER2	9.2 15.3	Differential DB	N
CU-5/FC-5	Single Zone Heat Pump (SZHP) Air System	1	49.5	0	N/A	NA	26.4	EER2 SEER2	12 21	No Economizer	N

[1] *Status: N - New, A - Altered, E - Existing*

H3. NONRESIDENTIAL / COMMON USE AREA FAN SYSTEMS SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12	13
Name or Item Tag	Qty	Design OA CFM	Supply Fan				Return / Relief Fan					Status[1]
			CFM	Power	Power Units	Control	Fan Type	CFM	Power	Power Units	Control	
CU-1/FC-1	1	148.05	1,375	0.1	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
CU-2/FC-2	1	157.05	1,375	0.1	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
CU-3/FC-3	1	405	1,375	0.1	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
CU-4/FC-4	1	303.75	1,130	0.1	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
CU-5/FC-5	1	43	755	0.1	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N

[1] *Status: N - New, A - Altered, E - Existing*

H5. GENERAL EXHAUST FAN SUMMARY

01	02	03	04	05	06	07	08
System ID	Zone Name	Qty	CFM	Power	Power Units	Continuous Operation?	Status[1]
Zone CU-1/FC-13	1-Zone CU-1/FC-1	1	435	0.1	BHP	No	N
Restroom33	2-Restroom	1	105	0.09	BHP	No	N
Zone CU-2/FC-242	3-Zone CU-2/FC-2	1	165	0.1	BHP	No	N
Restroom64	4-Restroom	1	105	0.09	BHP	No	N
Janitors Closet75	6-Janitors Closet	1	70	0.1	BHP	No	N

[1] *Status: N - New, A - Altered, E - Existing*

H8. SYSTEM SPECIAL FEATURES

01	02	03	04
System Name	Equipment Type	Interlocks per 140.4(n)[1]	Other Special Features and Controls
CU-1/FC-1	Single Zone Heat Pump (SZHP) Air System	No	Differential DB
CU-2/FC-2	Single Zone Heat Pump (SZHP) Air System	No	Differential DB
CU-3/FC-3	Single Zone Heat Pump (SZHP) Air System	No	Zone(s) With CO2 Sensor Vent. Control Differential DB
CU-4/FC-4	Single Zone Heat Pump (SZHP) Air System	No	Zone(s) With CO2 Sensor Vent. Control Differential DB
Undefined Plant1 - SHW	Service Hot Water	N/A	Fixed Temperature Control

Notes: This table includes controls related to the performance path only. For projects using the prescriptive path, mandatory and prescriptive controls requirements are documented on the NRCC-MCH-E.

[1] *Yes = interlocks are provided, No = interlocks are not provided, NA means no operable openings.*

H9. NONRESIDENTIAL / COMMON USE AREA & HOTEL/MOTEL VENTILATION

01	02	03	04	05	06	07
Zone Name	Mechanical Ventilation				Conditioned Area (sf)	DCV or Occupant Sensor Controls, or Both
	Ventilation Function	# of People	Supply OA CFM	Exhaust CFM		
1-Zone CU-1/FC-1	Office - Office space	4.93	148.05	435	987	N/A
3-Zone CU-2/FC-2	Office - Office space	5.24	157.05	165	1047	N/A
7-Community Room 112 West	Education - Multiuse assembly	27	405	0	810	DCV
8-Community Room 112 East	Education - Media center	20.25	303.75	0	810	DCV
9-Zone CU-5/FC-5	Education - Multiuse assembly	2.15	43	0	86	N/A

H11. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12
System ID	System Type	Qty	Rated Capacity (kBtuh)		Airflow (cfm)			Fan			VSD
			Heating	Cooling	Design	Min.	Min. Ratio	Power	Power Units	Cycles	
1-Zone CU-1/FC-1-Trm	Uncontrolled	1	N/A	N/A	1,375	N/A	0	N/A	N/A	N/A	☐
3-Zone CU-2/FC-2-Trm	Uncontrolled	1	N/A	N/A	1,375	N/A	0	N/A	N/A	N/A	☐
7-Community Room 112 West-Trm	Uncontrolled	1	N/A	N/A	1,375	N/A	0	N/A	N/A	N/A	☐
8-Community Room 112 East-Trm	Uncontrolled	1	N/A	N/A	1,130	N/A	0	N/A	N/A	N/A	☐
9-Zone CU-5/FC-5-Trm	Uncontrolled	1	N/A	N/A	755	N/A	0	N/A	N/A	N/A	☐

I1. WATER HEATER EQUIPMENT SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12	13	14
Name	Heater Element Type	Tank Type	Qty	Tank Vol (gal)	Rated Input	Rated Input Unit	Efficiency	Efficiency Unit	Tank Insulation R-value Int/Ext	Standby Loss Fraction	1st Hr. Rating or Flow Rate (gal)	Heat Pump Type	Tank Location or Ambient Condition
WH-12	Electricity	Storage	1	50	6	kW	0.92	UEF	N/A	N/A	N/A	N/A	N/A

I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections made by Documentation Author indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

Building Component	Form/Title
Envelope	NRCI-ENV-01-E - Must be submitted for all buildings
Envelope	NRCI-ENV-E - Envelope (for all buildings)
Mechanical	NRCI-MCH-01-E - Must be submitted for all buildings
Mechanical	NRCI-MCH-E - For all buildings with Mechanical Systems
Plumbing	NRCI-PLB-01-E - Must be submitted for all buildings

I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections made by Documentation Author indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

Building Component	Form/Title
Plumbing	NRCI-PLB-E - For all buildings with Plumbing Systems

M. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections made by Documentation Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP).

Building Component	Form/Title
Envelope	NRCA-ENV-02-F - NRFC label verification for fenestration
Mechanical	NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap
Mechanical	NRCA-MCH-03-A - Constant Volume Single Zone HVAC
Mechanical	NRCA-MCH-05-A - Air Economizer Controls
Mechanical	NRCA-MCH-06-A Demand Control Ventilation Systems must be submitted for all systems required to employ demand controlled ventilation (refer to) can vary outside ventilation flow rates based on maintaining interior carbon dioxide (CO2) concentration setpoints.

N. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

Selections made by Documentation Author indicate which Certificates of Verification must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

There are no Certificates of Verification applicable to this project

Documentation Author's Declaration Statement

I. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Teter Architects & Engineers	Documentation Author Signature:
Company: Teter Architects & Engineers	Signature Date:
Address: 7535 N Palm Ave, Suite 201	CEA/HERS Certification Identification (if applicable): 45D3-E54B-7F91-2C98-D6AB-C8A0-DAEE-8B3B-FC4A-3D90-DBEB-0C15-0B6E-E5F5-4DCC-5DA0
City/State/Zip: , Fresno, CA 93711	Phone:

Responsible Person's Declaration statement

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I understand that a registered copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to accomplish this requirement.
6. I understand that a registered copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to accomplish these requirements.

Responsible Designer Name: Steven A. Jones	Responsible Designer Signature:
Company: Teter Architects & Engineers	Date Signed: 8/20/24
Address: 7535 N Palm Ave, Suite 201	License #: M32797
City/State/Zip: , Fresno, CA 93711	Title: Scope:
Phone: 559-437-0887	

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/06/25	100% CD - APPROVAL

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

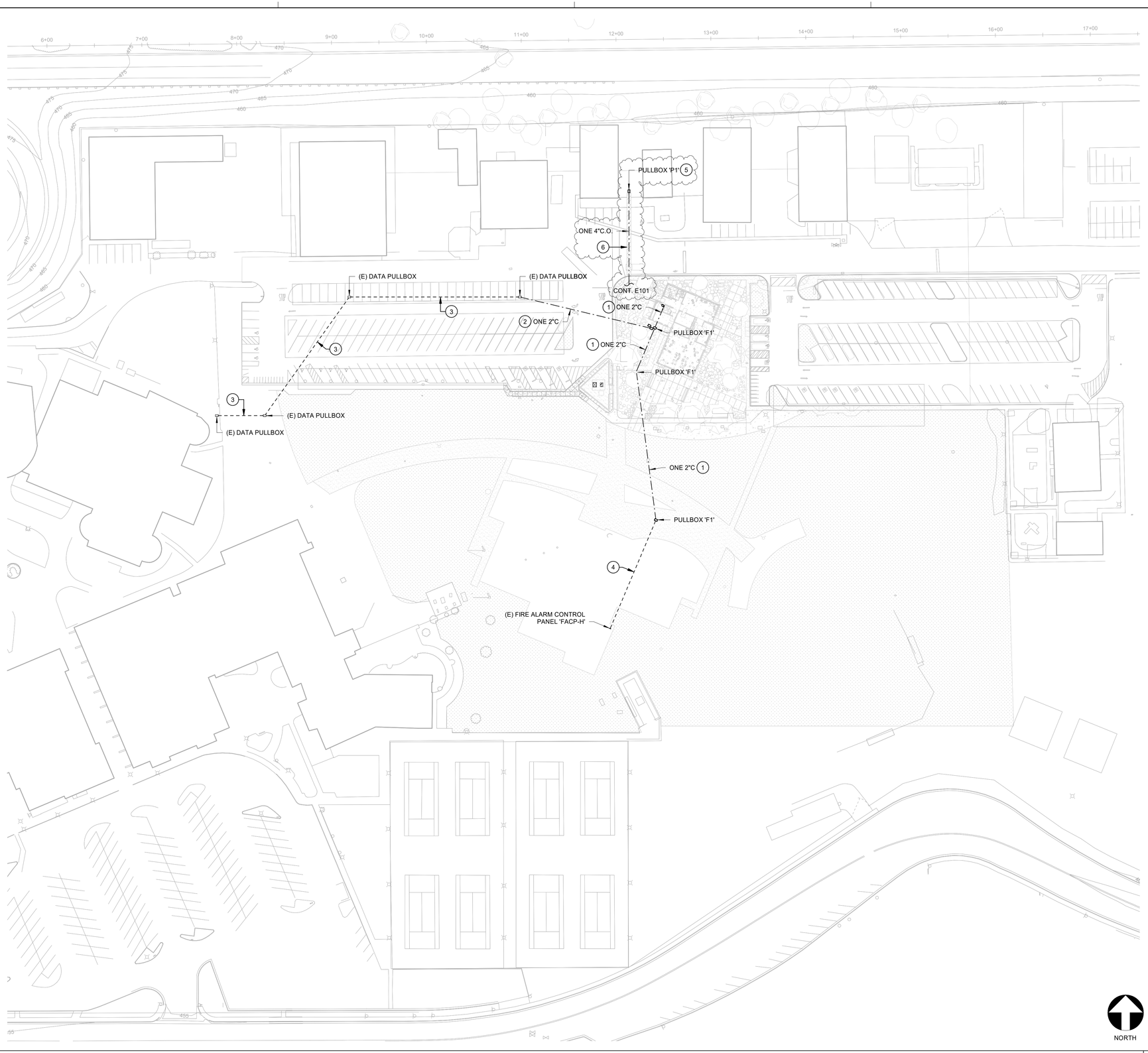
STUDENT SERVICES BUILDING
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
TITLE 24 DOCUMENTATION

PROJECT NO.
12500

DRAWING
M901

\\tet-file1\Users\sophia.ryberg_TETR\Documents\12500-M-PC_CULTURAL_sophia.ryberg.rvt
PLOT DATE: 9/23/2025 5:09:41 PM



KEYNOTES

1. ONE 2"C, TWO TYPE 'FAS' CABLES.
2. ONE 2"C, ONE TYPE 'FO' CABLE.
3. PROVIDE ONE TYPE 'FO' CABLE IN (E) UNDERGROUND DATA CONDUIT BACK TO (E) MDF IN LRC BUILDING.
4. PROVIDE ONE TYPE 'FAS' CABLE IN (E) UNDERGROUND FA CONDUIT BACK TO (E) FACP-H IN ALLIED HEALTH BUILDING.
5. INSTALL PULLBOX NORTH OF (E) FENCE LINE.
6. SAWCUT AND PATCH BACK (E) ASPHALT TO FACILITATE UNDERGROUND CONDUIT INSTALLATION.

GENERAL NOTES

A. PROVIDE ELECTRICAL FEEDERS PER SINGLE LINE DIAGRAM.

B. PROVIDE PULLBOXES PER DETAIL 10/E600.

C. SITE CONDUITS OF TRADE SIZE 2" AND LARGER SHALL BE GROUPED AND INSTALLED PER DETAIL 13/E600. SITE CONDUITS SHALL BE INSTALLED A MINIMUM OF 24" BELOW FINAL GRADE TO TOP OF CONDUIT.

D. SPECIAL PRECAUTION SHALL BE TAKEN WHEN TRENCHING TO LOCATE, PROTECT AND PRESERVE EXISTING UNDERGROUND UTILITIES. ANY DAMAGE CAUSED DURING THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED.

OVERALL ELECTRICAL SITE PLAN

1" = 10'-0" | 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/20/25	100% CD

REGISTERED PROFESSIONAL ENGINEER
EVAN V. BASTIAN
No. E18509
Exp. 6-30-27
ELECTRICAL

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

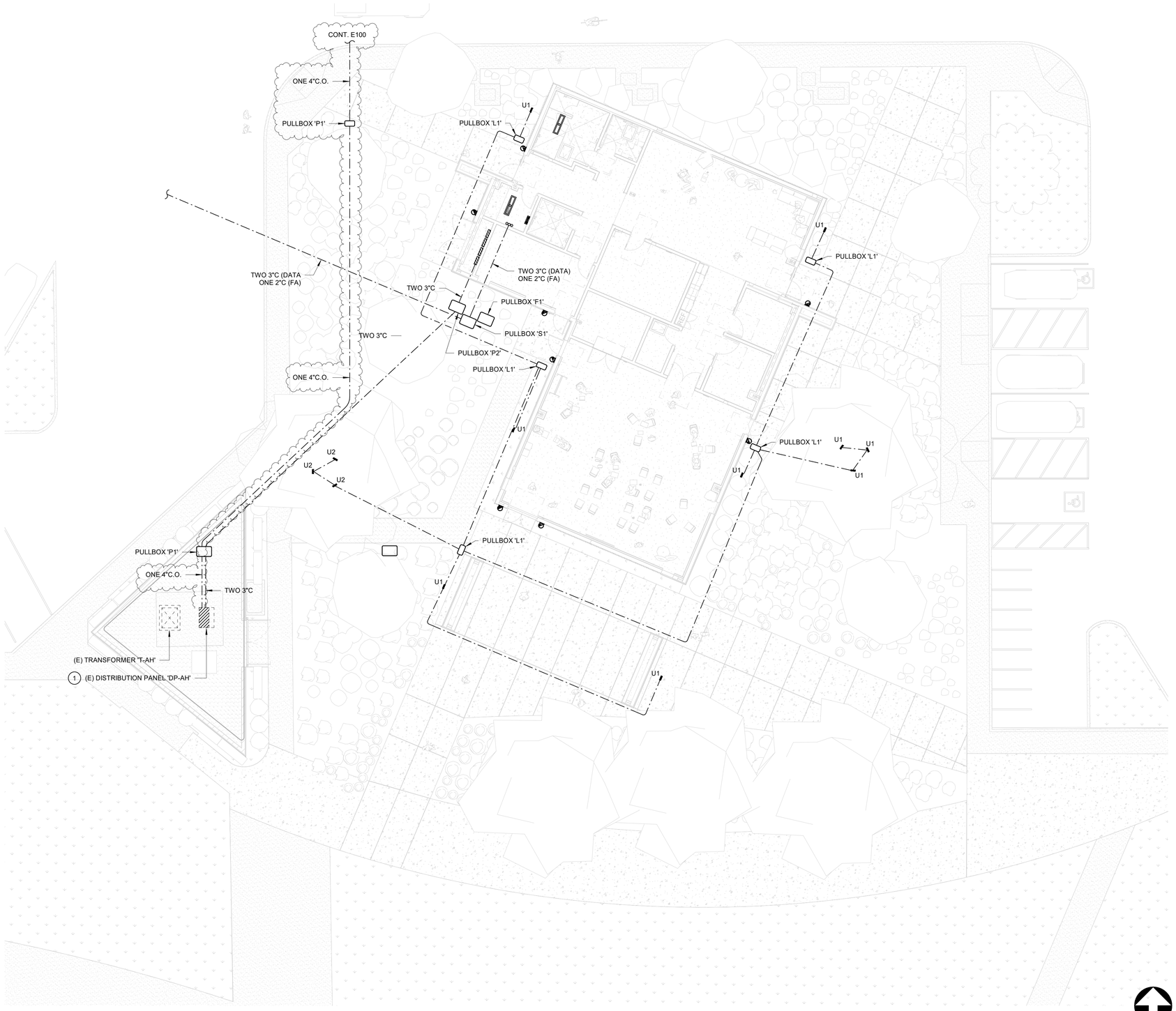
DRAWING TITLE
OVERALL ELECTRICAL SITE PLAN

PROJECT NO.
12500

DRAWING
E100

PLOT DATE: 10/29/2025 11:22:17 PM

\\tetr-file1\Users\evan.bastian_TETR\Documents\12500-E-PC_CULTURAL_evan.bastian.rvt



ELECTRICAL SITE PLAN

1" = 10'-0" | 1

KEYNOTES

1. PROVIDE ONE 400A, 3-POLE CIRCUIT BREAKER AT (E) DISTRIBUTION PANEL 'DP-AH' FOR PROTECTION OF (N) FEEDER.

GENERAL NOTES

A. PROVIDE ELECTRICAL FEEDERS PER SINGLE LINE DIAGRAM.

B. PROVIDE PULLBOXES PER DETAIL 10/E600.

C. SITE CONDUITS OF TRADE SIZE 2" AND LARGER SHALL BE GROUPED AND INSTALLED PER DETAIL 13/E600. SITE CONDUITS SHALL BE INSTALLED A MINIMUM OF 24" BELOW FINAL GRADE TO TOP OF CONDUIT.

D. SPECIAL PRECAUTION SHALL BE TAKEN WHEN TRENCHING TO LOCATE, PROTECT AND PRESERVE EXISTING UNDERGROUND UTILITIES. ANY DAMAGE CAUSED DURING THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/20/25	100% CD

REGISTERED PROFESSIONAL ENGINEER
EVAN V. BASTIAN
No. E19509
Exp. 6-30-27
ELECTRICAL

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
ELECTRICAL SITE PLAN

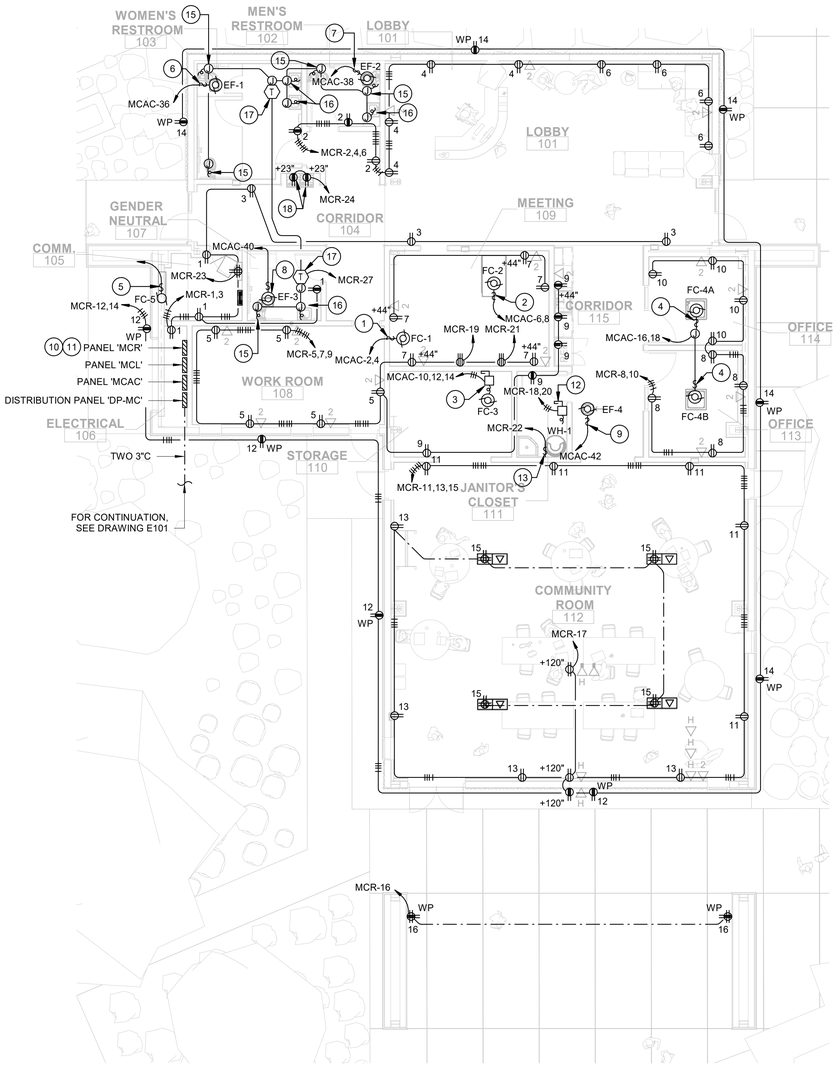
PROJECT NO.
12500

DRAWING
E101

\\tetr-file1\Users\evan.bastian_TETR\Documents\12500-E-PC_CULTURAL_evan.bastian.rvt

PLOT DATE: 10/29/2025 11:22:27 PM

\\tetr-file1\Users\evan.bastian_TETR\Documents\12500-E-PC_CULTURAL_evan.bastian.rvt



KEYNOTES

1. MOTOR RATED AC SNAP SWITCH DISCONNECT. PROVIDE CONNECTION FOR 208V, 1ϕ, 1.8 MCA, 15 MOCP INDOOR FAN COIL UNIT 'FC-1'.
2. MOTOR RATED AC SNAP SWITCH DISCONNECT. PROVIDE CONNECTION FOR 208V, 1ϕ, 3.3 MCA, 15 MOCP INDOOR FAN COIL UNIT 'FC-2'.
3. MOTOR RATED 20A, 3-POLE SNAP SWITCH DISCONNECT. PROVIDE CONNECTION FOR 208V, 3ϕ, 13.8 FLA, 15.5 MCA, 20 MOCP INDOOR FAN COIL UNIT 'FC-3'.
4. MOTOR RATED AC SNAP SWITCH DISCONNECT. PROVIDE CONNECTION FOR 208V, 1ϕ, 15 MOCP, 0.3 FLA INDOOR FAN COIL UNITS 'FC-4A' & 'FC-4B'.
5. MOTOR RATED AC SNAP SWITCH DISCONNECT. PROVIDE CONNECTION FOR 208V, 1ϕ, 15 MOCP INDOOR UNIT 'FC-5' VIA OUTDOOR UNIT 'CU-5'.
6. MOTOR RATED AC SNAP SWITCH DISCONNECT. PROVIDE CONNECTION FOR 208V, 1ϕ, 1/10 HP EXHAUST FAN 'EF-1'.
7. MOTOR RATED AC SNAP SWITCH DISCONNECT. PROVIDE CONNECTION FOR 115V, 1ϕ, 1/12 HP EXHAUST FAN 'EF-2'.
8. MOTOR RATED AC SNAP SWITCH DISCONNECT. PROVIDE CONNECTION FOR 115V, 1ϕ, 1/12 HP EXHAUST FAN 'EF-3'.
9. MOTOR RATED AC SNAP SWITCH DISCONNECT. PROVIDE CONNECTION FOR 115V, 1ϕ, 1/12 HP EXHAUST FAN 'EF-4'.
10. PROVIDE DEDICATED CIRCUIT FOR FIRE ALARM CONTROL PANEL 'FACP'.
11. PROVIDE A CIRCUIT BREAKER LOCKING DEVICE ON CIRCUIT BREAKER #41 SUPPLYING FIRE ALARM SYSTEM EQUIPMENT AND PROVIDE A RED LABEL THAT READS: "FIRE ALARM / ECS" ADJACENT TO THE CIRCUIT BREAKER.
12. GENERAL DUTY 250V, 30A, 2-POLE NON-FUSED DISCONNECT. PROVIDE CONNECTION FOR 208V, 1ϕ, 6000W ELECTRIC WATER HEATER 'WH-1'.
13. MOTOR RATED AC SNAP SWITCH DISCONNECT. PROVIDE CONNECTION FOR 120V, 1ϕ, 1/12 HP CIRCULATION PUMP 'CP-1'.
14. NOT USED.
15. PROVIDE FLEXIBLE LOW VOLTAGE CONNECTION TO ELECTRIC SENSOR FLUSH VALVE.
16. PROVIDE FLEXIBLE LOW VOLTAGE CONNECTION TO ELECTRIC FAUCET SENSOR.
17. LOW VOLTAGE TRANSFORMER LOCATED IN ACCESSIBLE ATTIC SPACE.
18. 120V, 20A, DUPLEX GFCI TYPE RECEPTACLE MOUNTED WITHIN ELECTRIC DRINKING FOUNTAIN ENCLOSURE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. COORDINATE EXACT LOCATION WITH DRINKING FOUNTAIN INSTALLER.

GENERAL NOTES

A. PROVIDE ELECTRICAL FEEDERS PER SINGLE LINE DIAGRAM.

B. CONDUIT AND CONDUCTORS FOR NEW OUTLETS SHALL BE CONCEALED, U.O.N.

C. PENETRATIONS THROUGH WALLS, CEILINGS, FLOORS, AND/OR ROOFS SHALL BE SEALED.

D. ALL 120V, 15A AND 20A RECEPTACLES WITHIN KITCHENS AND RESTROOMS SHALL BE GFCI TYPE RECEPTACLES. IN ALL OTHER SPACES, 120V, 15A AND 20A RECEPTACLES WITHIN 6' OF SINKS OR FAUCETS SHALL BE GFCI TYPE RECEPTACLES.

PROJECT NORTH NORTH

POWER PLAN 1/8" = 1'-0" 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/20/25	100% CD

REGISTERED PROFESSIONAL ENGINEER EVAN V. BASTIAN No. E19509 Exp. 6-30-27 ELECTRICAL

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

TETER

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

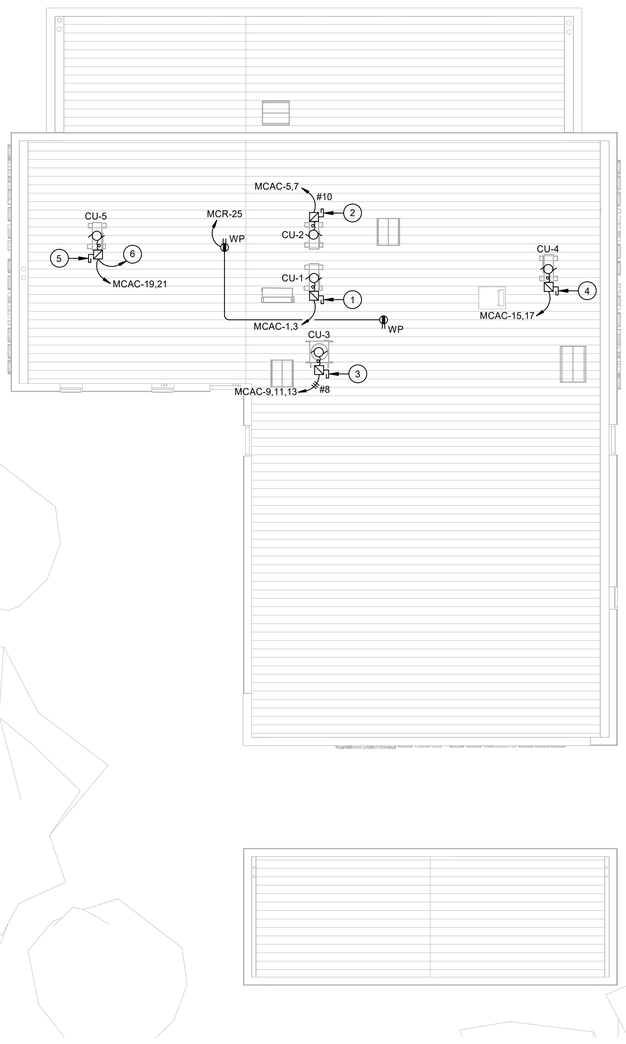
DRAWING TITLE
POWER PLAN

PROJECT NO.
12500

DRAWING
E210

PLOT DATE: 10/29/2025 11:22:36 PM

\\tetr-file1\Users\evan.bastian_TETR\Documents\12500-E-PC_CULTURAL_evan.bastian.rvt



KEYNOTES

1. HEAVY DUTY WEATHERPROOF 250V, 30A, 2-POLE FUSED DISCONNECT. PROVIDE CONNECTION FOR 208V, 1ϕ, 19.8 MCA, 20 MOCP OUTDOOR UNIT 'CU-1'.
2. HEAVY DUTY WEATHERPROOF 250V, 30A, 2-POLE FUSED DISCONNECT. PROVIDE CONNECTION FOR 208V, 1ϕ, 29.4 MCA, 30 MOCP OUTDOOR UNIT 'CU-2'.
3. HEAVY DUTY WEATHERPROOF 250V, 60A, 3-POLE FUSED DISCONNECT. PROVIDE CONNECTION FOR 208V, 3ϕ, 41.6 MCA, 50 MOCP OUTDOOR UNIT 'CU-3'.
4. HEAVY DUTY WEATHERPROOF 250V, 30A, 2-POLE FUSED DISCONNECT. PROVIDE CONNECTION FOR 208V, 1ϕ, 19.8 MCA, 20 MOCP OUTDOOR UNIT 'CU-4'.
5. HEAVY DUTY WEATHERPROOF 250V, 30A, 2-POLE FUSED DISCONNECT. PROVIDE CONNECTION FOR 208V, 1ϕ, 16.4 MCA, 20 MOCP OUTDOOR UNIT 'CU-5'.
6. PROVIDE POWER CONNECTION TO 'FC-5' IN ROOM #106A THROUGH 'CU-5'.

GENERAL NOTES

A. PENETRATIONS THROUGH WALLS, CEILINGS, FLOORS, AND/OR ROOFS SHALL BE SEALED.

PROJECT NORTH NORTH

POWER PLAN - ROOF 1/8" = 1'-0" 1

PLOT DATE: 10/29/2025 11:22:39 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/20/25	100% CD

REGISTERED PROFESSIONAL ENGINEER EVAN J. BASTIAN No. E18509 Exp. 6-30-27 ELECTRICAL

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

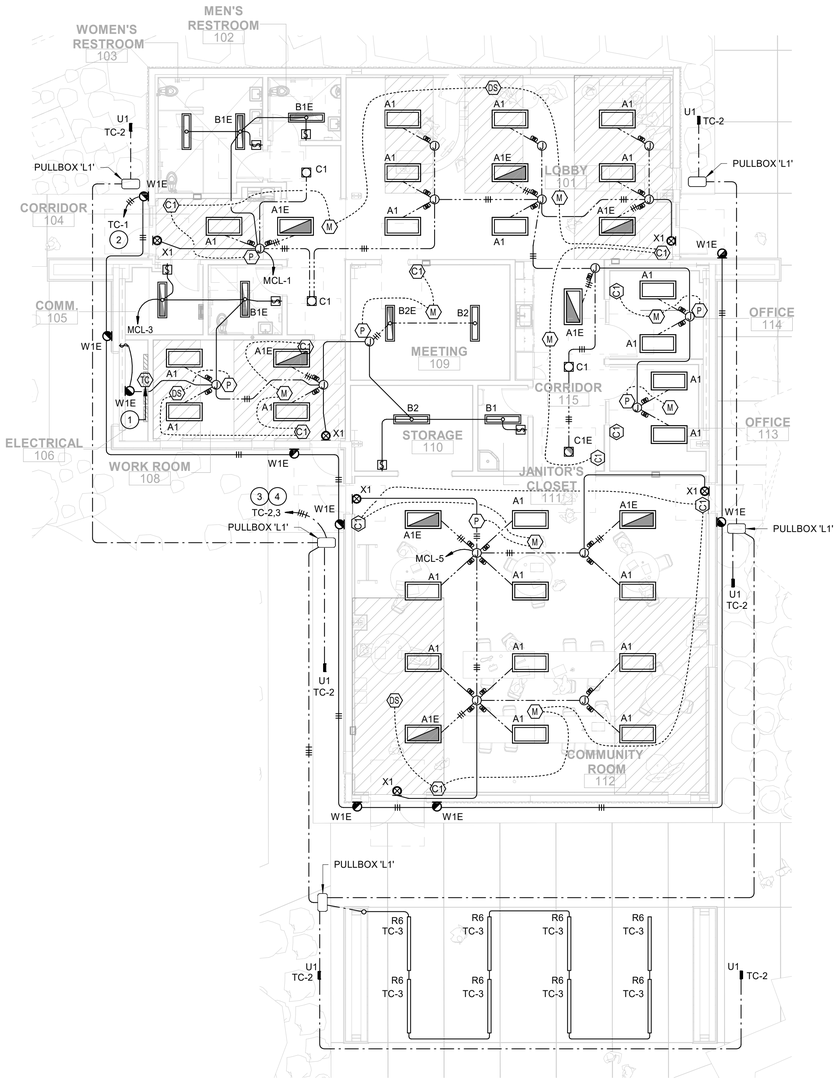
TETER

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
POWER PLAN - ROOF

PROJECT NO.
12500

DRAWING
E230



PROJECT NORTH NORTH

LIGHTING PLAN 1/8" = 1'-0" 1

KEYNOTES

1. PROVIDE ASTRONOMIC ELECTRONIC 4-CIRCUIT TIME CLOCK ABOVE PANEL 'MCL', INTERMATIC #ET8415C OR EQUAL. ROUTE BRANCH CIRCUITS 'MCL-2', 'MCL-4' AND 'MCL-6' THROUGH TIME CLOCK FOR CONTROL OF EXTERIOR LIGHTING BRANCH CIRCUIT.
2. TIME CLOCK RELAY 'TC-1' CONNECTED TO SOURCE BRANCH CIRCUIT 'MCL-2'. PROVIDE UNSWITCHED HOT CONDUCTOR FROM 'MCL-2' FOR CONNECTION TO BATTERY BACKUP UNITS AT EMERGENCY FIXTURES.
3. TIME CLOCK RELAY 'TC-2' CONNECTED TO SOURCE BRANCH CIRCUIT 'MCL-4'.
4. TIME CLOCK RELAY 'TC-3' CONNECTED TO SOURCE BRANCH CIRCUIT 'MCL-6'.

LIGHTING WIRING LEGEND

LIGHTING BRANCH CIRCUIT IN EMT CONDUIT CONSISTING OF THE FOLLOWING BRANCH CIRCUIT CONDUCTORS:
1. HOT - 1#12 CU THHN (BROWN, ORANGE OR YELLOW)
2. NEUTRAL - 1#12 CU THHN (WHITE WITH COLORED STRIPE)
3. EQUIPMENT GROUNDING - 1#12 CU THHN (GREEN)

CLASS 2 CATEGORY 5E PLENUM RATED CABLE GREEN IN COLOR WITH RJ45 CONNECTORS ON EACH END:

TYPE MC-PCS MC LUMINARY CABLE CONSISTING OF THE FOLLOWING CIRCUIT CONDUCTORS:
1. CONTROLLED HOT - 1#12 CU THHN (BROWN)
2. UNSWITCHED HOT - 1#12 CU THHN (ORANGE)
3. NEUTRAL - 1#12 CU THHN (GREY)
4. EQUIPMENT GROUNDING - 1#12 CU THHN (GREEN)
5. 0-10VDC CONTROL: PVC JACKET CONTAINING 2#16 CU TFN (PURPLE & GRAY)

TYPE MC-PCS MC LUMINARY CABLE CONSISTING OF THE FOLLOWING CIRCUIT CONDUCTORS:
1. CONTROLLED HOT - 1#12 CU THHN (BROWN)
2. NEUTRAL - 1#12 CU THHN (GREY)
3. EQUIPMENT GROUNDING - 1#12 CU THHN (GREEN)
4. 0-10VDC CONTROL: PVC JACKET CONTAINING 2#16 CU TFN (PURPLE & GRAY)

LIGHTING SYMBOL LEGEND

PRIMARY SIDELIT ZONE:

- (M) NETWORK CEILING MOUNTED OCCUPANCY SENSOR
- (C1) SINGLE-ZONE NETWORK DIMMING MANUAL CONTROL STATION AT +48" TO TOP OF OUTLET BOX
- (DS) NETWORK DAYLIGHTING SENSOR WITHIN DAYLIT ZONE
- (P) NETWORK DIMMING CONTROL RELAY
- WALL SWITCH WITH INTEGRAL OCCUPANCY SENSOR AT +48" TO TOP OF OUTLET BOX

GENERAL NOTES

A. CIRCUITS SUPPLYING EMERGENCY LIGHTING FIXTURES SHALL BE SUPPLIED BY A CONTROLLED HOT CONDUCTOR AND A CONSTANT HOT CONDUCTOR OF THE SAME BRANCH CIRCUIT.

B. EXIT SIGNAGE AND WALL MOUNTED EMERGENCY LIGHTING UNITS SHALL BE SUPPLIED BY AN UNSWITCHED HOT CONDUCTOR.

C. REFER TO ARCHITECTURAL SHEETS FOR ELEVATIONS OF WALL MOUNTED LIGHTING FIXTURES.

D. NETWORK DAYLIGHT SENSORS FOR AUTOMATIC DIMMING WITHIN A DAYLIT ZONE SHALL BE CALIBRATED SUCH THAT LIGHTING POWER FOR THE LIGHTING FIXTURES WITHIN THAT DAYLIT ZONE SHALL BE REDUCED BY 65% WHEN DAYLIT ILLUMINANCE IS 150% OF ILLUMINANCE RECEIVED FROM THE GENERAL LIGHTING SYSTEM AT FULL POWER.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/20/25	100% CD

REGISTERED PROFESSIONAL ENGINEER EVAN V. BASTIAN No. E18609 Exp. 6-30-27 ELECTRICAL

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED
TETER

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
LIGHTING PLAN

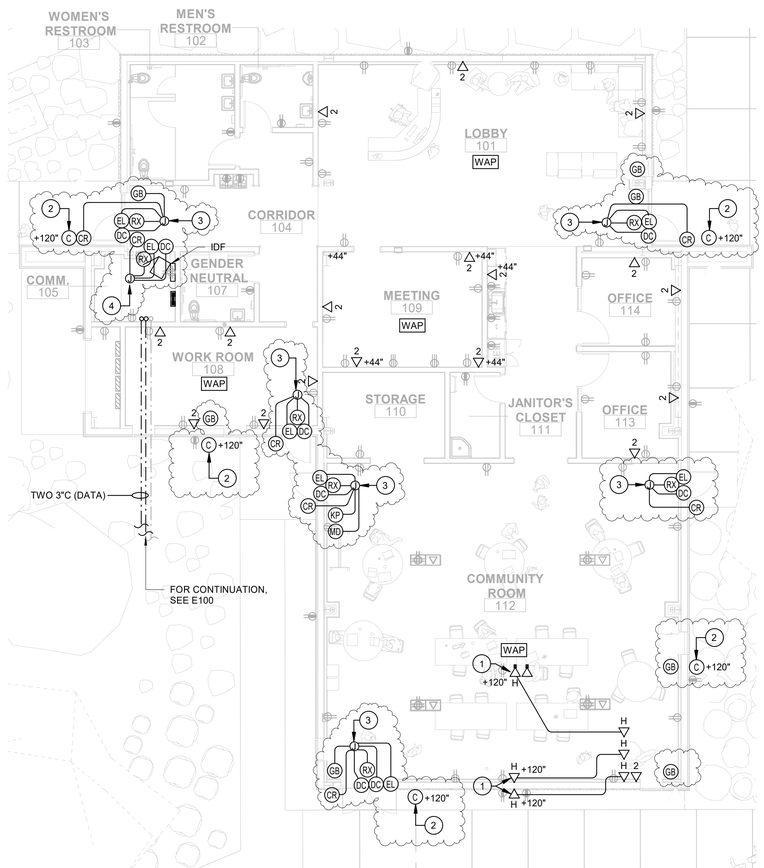
PROJECT NO.
12500

DRAWING
E310

PLOT DATE: 10/29/2025 11:22:49 PM

\\tetr-file1\Users\evan.bastian_TETR\Documents\12500-E-PC_CULTURAL_evan.bastian.rvt

\\tetr-file1\Users\evan.bastian_TETR\Documents\12500-E-PC_CULTURAL_evan.bastian.rvt



KEYNOTES

1. PROVIDE HDMI OUTLET AT HEIGHT SPECIFIED ON DRAWING. ROUTE ONE INTERCONNECTING TYPE 'HDMI' CABLE BETWEEN OUTLET AND MEDIA CONTROL CENTER.
2. PROVIDE 4S BOX FLUSH IN EXTERIOR WITH ONE 1"C TO ATTIC SPACE IN BUILDING. PROVIDE SECURITY CAMERA AND CABLING BACK TO IT ROOM.
3. PROVIDE 4S OUTLET BOX ABOVE CEILING AND ONE 3/4"C.O. TO EACH ACCESS CONTROL DEVICE.
4. PROVIDE 4S OUTLET BOX ON WALL ABOVE DOOR. PROVIDE ONE 3/4"C.O. TO EACH ACCESS CONTROL DEVICE. PAINT EXPOSED PORTION OF CONDUIT AND OUTLET BOX TO MATCH SURROUNDING AREA.

SECURITY AND ACCESS CONTROL SYSTEMS SYMBOLS LEGEND

- (C) SECURITY CAMERA DIGITAL VIDEO RECORDER (WALL MOUNTED)
- (CR) CARD READER (FLUSH, WALL MOUNTED AT +48" TO TOP OF OUTLET BOX)
- (DC) INTRISION DETECTION SYSTEM DOOR CONTACT (FLUSH MOUNTED IN DOOR FRAME)
- (EL) CONNECTION TO ELECTRIC LOCK AT DOOR
- (GB) INTRUSION DETECTION SYSTEM GLASS BREAK DETECTOR (CEILING MOUNTED)
- (KP) INTRUSION DETECTION SYSTEM KEYPAD (WALL MOUNTED AT +48" TO TOP OF OUTLET BOX)
- (MD) INTRUSION DETECTION SYSTEM MOTION DETECTOR
- (RX) REQUEST TO EXIT DEVICE MOUNTED ABOVE DOOR ON SECURE SIDE

TELECOMMUNICATION PATHWAY NOTES

A. CONDUIT AND CABLES FOR TELECOMMUNICATION OUTLETS SHALL BE CONCEALED WITHIN WALLS AND ABOVE CEILINGS.

B. TELECOMMUNICATION OUTLET BOXES SHALL BE 5" SQUARE BY 2-7/8" DEEP WITH A SINGLE-GANG BOX EXTENSION THAT IS MOUNTED FLUSH WITH THE FINISHED WALL.

C. PROVIDE ONE 1"C STUBBED FROM EACH TELECOMMUNICATION OUTLET BOX INTO THE ACCESSIBLE ATTIC SPACE TO FACILITATE TELECOMMUNICATION CABLE INSTALLATION.

D. PROVIDE THREADED SET SCREW CONNECTORS WITH POLYPROPYLENE BUSHINGS AT EACH END OF CONDUIT SYSTEMS USED FOR TELECOMMUNICATION CABLE INSTALLATION. BUSHINGS SHALL BE INSTALLED AND INSPECTED PRIOR TO CABLE INSTALLATION.

E. CABLE TRAYS SHALL COMPLY WITH NEMA VE 1 STANDARDS AND SHALL BE INSTALLED IN ACCORDANCE WITH NEMA VE 2 INSTALLATION GUIDELINES.

TELECOMMUNICATION CABLING NOTES

A. EACH TELECOMMUNICATION CABLE SHALL BE HOMERUN FROM THE TELECOMMUNICATION OUTLET TO A PATCH PANEL LOCATED IN THE TELECOMMUNICATION ROOM.

B. TELECOMMUNICATION CABLES SHALL BE NEATLY BUNDLED WITH VELCRO STRAPS AT 36"O.C.

C. TELECOMMUNICATION CABLES SHALL BE INDEPENDENTLY SUPPORTED FROM J-HOOKS WITHIN THE ACCESSIBLE ATTIC SPACE WHERE THEY ARE NOT WITHIN CONDUIT OR SUPPORTED ON CABLE TRAY.

D. TELECOMMUNICATION CABLES SHALL BE TERMINATED WITH MODULAR JACKS ON PATCH PANELS IN THE TELECOMMUNICATION ENCLOSURE AND ON MODULAR JACKS AT THE TELECOMMUNICATION OUTLETS.

E. TELECOMMUNICATION CABLE SERVING WIRELESS ACCESS POINTS SHALL BE TERMINATED WITH PLUG TYPE CONNECTORS AT THE LOCATION OF THE WIRELESS ACCESS POINT.

PROJECT NORTH NORTH

SIGNAL PLAN 1/8" = 1'-0" 1

PLOT DATE: 10/29/2025 11:22:58 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/20/25	100% CD

REGISTERED PROFESSIONAL ENGINEER EVAN J. BASTIAN No. E19509 Exp. 6-30-27 ELECTRICAL

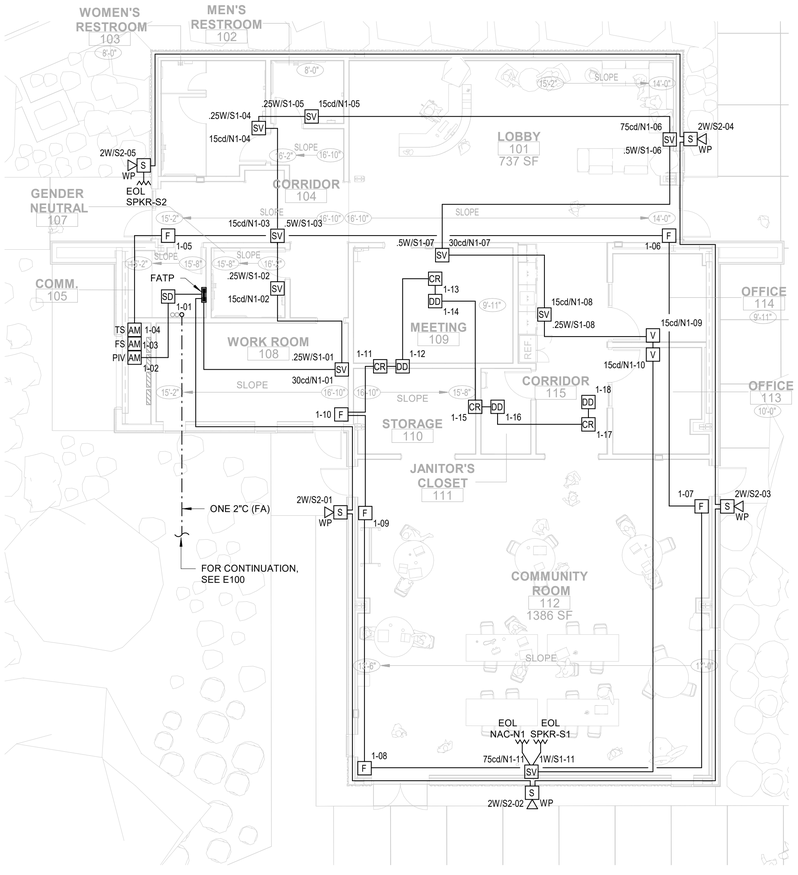
TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
SIGNAL PLAN

PROJECT NO.
12500

DRAWING
E410



KEYNOTES

1. PROVIDE HDMI OUTLET AT HEIGHT SPECIFIED ON DRAWING. ROUTE ONE INTERCONNECTING TYPE 'HDMI' CABLE BETWEEN OUTLET AND MEDIA CONTROL CENTER.

FIRE ALARM SYSTEM INSTALLATION NOTES

A. THE LOCATION OF AUTOMATIC DETECTORS, MANUAL PULL STATIONS AND OTHER FIRE ALARM EQUIPMENT AND DEVICES, AS SHOWN ON PLAN, ARE FOR REFERENCE ONLY, AND DO NOT CONSTITUTE SHOP DRAWINGS WHICH ARE REQUIRED FOR REVIEW AND APPROVAL.

B. ALL DRAWINGS ARE DIAGRAMMATIC ONLY, AND SHALL NOT BE USED IN DETERMINING ACTUAL CONDUIT ROUTING. THE CONTRACTOR SHALL VERIFY ALL CONDUIT ROUTING CONDITIONS AT THE PROJECT SITE AS CONSTRUCTION PROGRESSES.

C. ALL FIRE ALARM DATA, COMMUNICATIONS AND INITIATING CIRCUITS SHALL BE INSTALLED UTILIZING SOLID COPPER CONDUCTORS WITH OUTER COVERING COLORS PER THE SPECIFICATIONS AND AS SHOWN ON THE DRAWINGS. ALL SMOKE DAMPER AND REMOTE TROUBLE INDICATOR CIRCUITS SHALL BE YELLOW. ALL CIRCUITS SHALL BE INDIVIDUALLY LABELED, BOTH AT THE DEVICE END AND AT THE SIGNAL TERMINAL CABINET AND/OR FIRE ALARM MASTER PANEL TERMINATION POINT.

D. ALL FIRE ALARM CIRCUITS SHALL BE CONTINUOUS FROM DEVICE TO DEVICE. SPLICES ARE NOT ALLOWED UNLESS IN COVERED JUNCTION BOXES ON APPROVED TERMINAL BLOCKS. 'T' TAPPING IS ALLOWED ONLY IN INITIATION LOOPS CONNECTING ADDRESSABLE DEVICES AND ONLY UNDER THESE CONDITIONS. UNDER NO CIRCUMSTANCES SHALL 'T' TAPPING BE PERMITTED BETWEEN CONVENTIONAL DEVICES.

E. SMOKE DETECTORS SHALL BE INSTALLED AWAY FROM AIR SUPPLY GRILLES AT A MINIMUM DISTANCE OF 3' PER NFPA 72 29.8.3.4 OR GREATER AS RECOMMENDED BY THE MANUFACTURER.

F. CONTRACTOR SHALL SYNCHRONIZE TWO OR MORE STROBES IN ONE ROOM AND TWO OR MORE SPEAKERS WITHIN HEARING OF EACH OTHER.

G. THE FIRE ALARM SYSTEM SHALL CONFORM TO THE 2019 CALIFORNIA ELECTRICAL CODE (CEC) ARTICLE 760 AND THE 2019 CALIFORNIA FIRE CODE (CFC) § 105.7 & § 907, AND CALIFORNIA BUILDING CODE (CBC) 907.

PROJECT NORTH NORTH

FIRE ALARM FLOOR PLAN 1/8" = 1'-0" 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/20/25	100% CD

REGISTERED PROFESSIONAL ENGINEER EVAN J. BASTIAN No. E18509 Exp. 6-30-27 ELECTRICAL

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED
TETER

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
FIRE ALARM PLAN

PROJECT NO.
12500

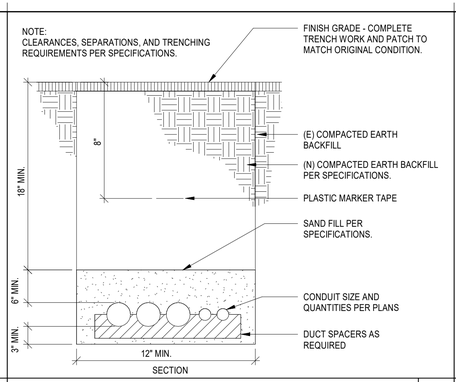
DRAWING
E510

PLOT DATE: 10/29/2025 11:23:08 PM

\\tetr-file1\Users\evan.bastian_TETR\Documents\12500-E-PC_CULTURAL_evan.bastian.rvt

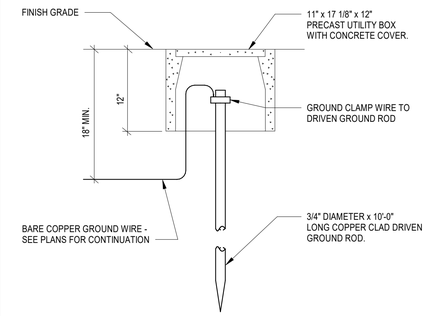
\\tetr-file1\Users\evan.bastian_TETR\Documents\12500-E-PC_CULTURAL_evan.bastian.rvt

17



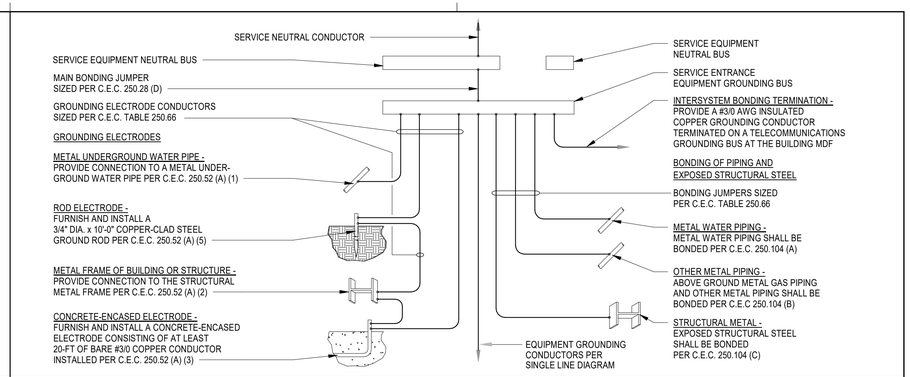
TYPICAL TRENCH SECTION

13



GROUND ROD

9

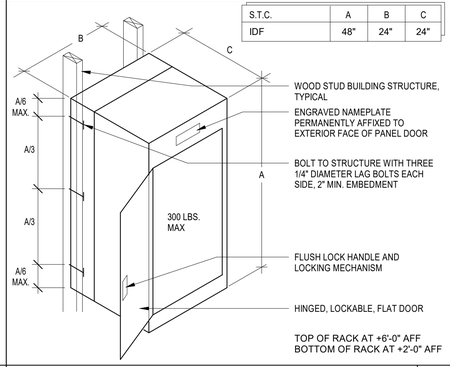


GROUNDING ELECTRODE SYSTEM AT DISTRIBUTION PANEL

1

18

S.T.C.	A	B	C
IDF	48"	24"	24"

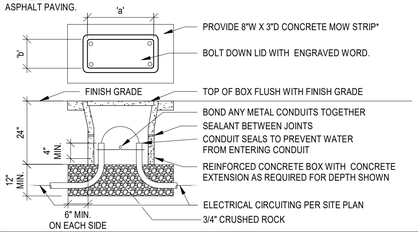


IDF MOUNTING

14

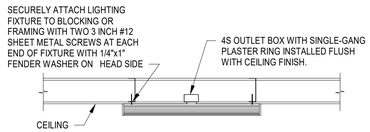
*NOTE:
WHERE PULLBOX IS ADJACENT TO CONCRETE WALK, EXTEND MOWSTRIP TO CONNECT WITH WALK. CONCRETE MOW STRIP IS NOT REQUIRED ON PULLBOXES INSTALLED IN ASPHALT PAVING.

	DIMENSION 'a'	DIMENSION 'b'	ENGRAVING	LID TYPE
P1	36"	24"	POWER	CONCRETE
S1	36"	24"	SIGNAL	CONCRETE
L1	24"	13"	LIGHTING	CONCRETE



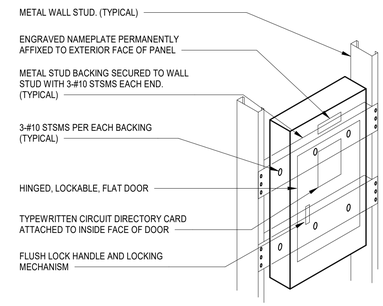
UNDERGROUND PULLBOX

10



SURFACE FIXTURE MOUNTING

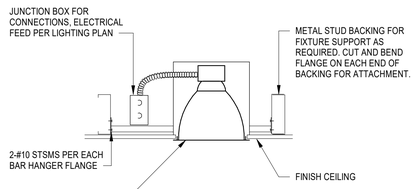
6



SURFACE PANEL MOUNTING

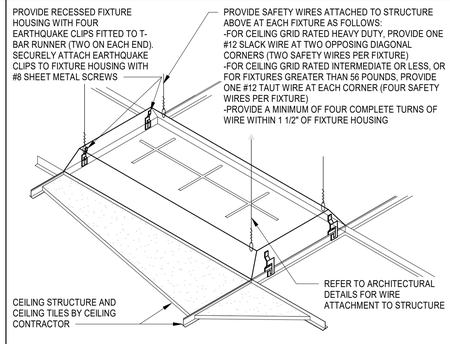
2

19



RECESSED DOWNLIGHT

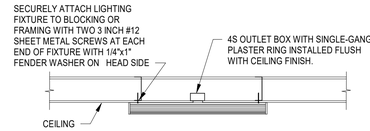
7



RECESSED FIXTURE MOUNTING

3

20



SURFACE FIXTURE MOUNTING

4

16

12

8

PLOT DATE: 10/29/2025 11:23:10 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/20/25	100% CD

REGISTERED PROFESSIONAL ENGINEER
EVAN J. BASTIAN
No. E19509
Exp. 6-30-27
ELECTRICAL

TETER, INC.
ARCHITECTS ENGINEERS CONNECTED
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

TETER

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
ELECTRICAL DETAILS

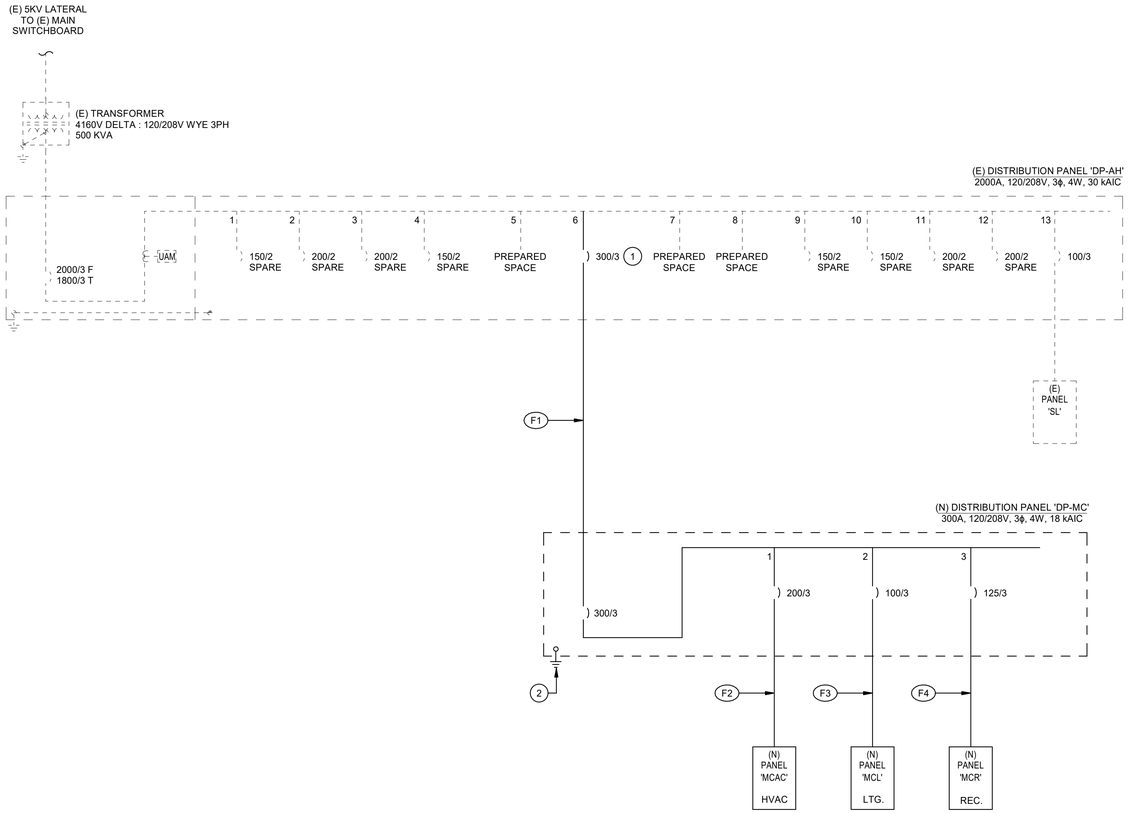
PROJECT NO.
12500

DRAWING
E600

\\tetr-file1\Users\evan.bastian_TETR\Documents\12500-E-PC_CULTURAL_evan.bastian.rvt

FEEDER SCHEDULE

FEEDER	ORIGIN	DESTINATION	CONDUIT	CONDUCTORS	REMARKS
F1	(E) 'DP-AH'	(N) 'DP-MC'	ONE 3"C	4#350 KCMIL CU THWN, 1#4 CU GND	FEEDER
F2	(N) 'DP-MC'	(N) PANEL 'MCAC'	ONE 2"C	4#3/0 CU THWN, 1#6 CU GND	FEEDER
F3	(N) 'DP-MC'	(N) PANEL 'MCL'	ONE 2"C	4#2 CU THWN, 1#6 CU GND	FEEDER
F4	(N) 'DP-MC'	(N) PANEL 'MCR'	ONE 2"C	4#1 CU THWN, 1#6 CU GND	FEEDER



KEYNOTES

1. PROVIDE (N) 300A, 3-POLE CIRCUIT BREAKER AT (E) PANEL 'DP-AH' FOR PROTECTION OF (N) FEEDER.
2. PROVIDE GROUNDING ELECTRODE SYSTEM AT DISTRIBUTION PANEL PER DETAIL 1/E600.

GENERAL NOTES

A. ARC-FLASH HAZARD WARNING LABELS SHALL BE PROVIDED AT ELECTRICAL EQUIPMENT SUCH AS SWITCHBOARDS AND PANELBOARDS IN ACCORDANCE WITH CEC 110.16.

B. CIRCUIT IDENTIFICATION - A TYPEWRITTEN CIRCUIT DIRECTORY SHALL BE PROVIDED AT EACH PANELBOARD AND SWITCHBOARD IN ACCORDANCE WITH CEC ARTICLE 408.4(A). THE CONTRACTOR SHALL DEVELOP AND PREPARE THE CIRCUIT IDENTIFICATION DESCRIPTION BASED ON THE AS-BUILT CONDITION.

C. SOURCE OF SUPPLY IDENTIFICATION - ALL SWITCHBOARDS, PANELBOARDS AND TRANSFORMERS SHALL HAVE A TYPEWRITTEN LABEL APPLIED INDICATING THE DEVICE OR EQUIPMENT WHERE THE POWER SUPPLY ORIGINATES PER CEC ARTICLE 408.4(B).

SINGLE LINE DIAGRAM | 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/20/25	100% CD

REGISTERED PROFESSIONAL ENGINEER EVAN V. BASTIAN No. E19509 Exp. 6-30-27 ELECTRICAL

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
SINGLE LINE DIAGRAM

PROJECT NO.
12500

DRAWING
E700

PLOT DATE: 10/29/2025 11:23:10 PM

\\tetr-file1\Users\evan.bastian_TETER\Documents\12500-E-PC_CULTURAL_evan.bastian.rvt

FIRE ALARM SYSTEM DESCRIPTION

THE FIRE ALARM SYSTEM DESCRIBED BY THESE DRAWINGS AND ASSOCIATED SPECIFICATIONS IS A MANUAL AND AUTOMATIC SYSTEM. THIS SYSTEM UTILIZES SMOKE DETECTORS ON CEILINGS AND IN THE ROOMS HOUSING THE FIRE ALARM SYSTEM EQUIPMENT WITH FIRE SPRINKLERS THROUGHOUT THE BUILDING. FIRE SPRINKLERS SHALL BE INSTALLED IN ATTICS IN LIEU OF HEAT DETECTORS. THE SYSTEM IS ADDRESSABLE AND IS WIRED CLASS 'B' WITHIN THE BUILDINGS AND CLASS 'B' BETWEEN BUILDINGS.

FIRE ALARM APPROVAL

THE FIRE ALARM SYSTEM DESIGN IS A "COMPLETE PLAN SUBMITTAL" PER DSA FIRE ALARM SUBMITTAL GUIDELINES. THE CONTRACTOR SHALL INSTALL THE SYSTEM AS SHOWN AND AS HEREIN SPECIFIED. IF ANY SUBSTITUTION OF FIRE ALARM EQUIPMENT IS TO BE REQUESTED, SUCH REQUEST SHALL BE MADE A MINIMUM OF TWO WEEKS PRIOR TO PROJECT BID DATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING THE SUBSTITUTION PER THE DSA GUIDELINES AND SHALL PAY ALL ADDITIONAL COSTS REQUIRED TO ACCOMMODATE REVIEW OF THE SUBSTITUTED FIRE ALARM SYSTEM BY DSA, WHETHER OR NOT SUCH APPROVAL IS GIVEN. THE CONTRACTOR'S SUBMITTAL SHALL INCLUDE MANUFACTURER'S CATALOG CUT SHEETS AND CSFM LISTING SHEETS FOR THE INDIVIDUAL COMPONENTS COMPRISING THE SUBSTITUTED FIRE ALARM SYSTEM, BATTERY LOAD CALCULATIONS AND VOLTAGE DROP CALCULATIONS FOR EACH SIGNALING CIRCUIT.

APPLICABLE CODES AND STANDARDS

2022 CA BUILDING CODE - CCR, TITLE 24, PART 2, VOLUMES 1 & 2
(2021 IBC AND CALIFORNIA AMENDMENTS)
2022 CA ELECTRICAL CODE - CCR, TITLE 24, PART 3
(2020 NEC AND CALIFORNIA AMENDMENTS)
2022 CA MECHANICAL CODE - CCR, TITLE 24, PART 4
(2021 UMC AND CALIFORNIA AMENDMENTS)
2022 CA PLUMBING CODE - CCR, TITLE 24, PART 5
(2021 UPC AND CALIFORNIA AMENDMENTS)
2022 CA FIRE CODE - CCR, TITLE 24, PART 9
(2021 IFC AND CALIFORNIA AMENDMENTS)
2022 CA REFERENCE STANDARDS CODE - CCR, TITLE 24, PART 12
2022 NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS AND 2022 CALIFORNIA AMENDMENTS
2022 NFPA 72, NATIONAL FIRE ALARM CODE, AND 2022 CALIFORNIA AMENDMENTS
PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS - CCR, TITLE 19
DSA GUIDELINES FOR FIRE AND LIFE SAFETY SYSTEMS, DIVISION OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES.

FIRE ALARM GENERAL NOTES

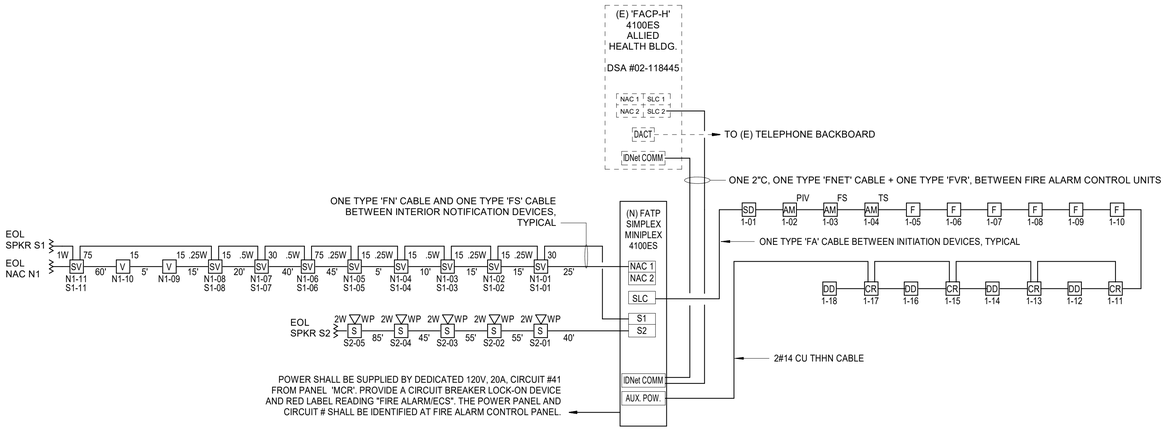
1. UNDERGROUND AND EXTERIOR CONDUITS WILL HAVE WATERTIGHT FITTINGS. (CEC 110.11 AND CEC 300.6)
2. OUTLETS ON OPPOSITE SIDES OF A FIRE RATED WALL SHALL BE INSTALLED WITH A MINIMUM HORIZONTAL SPACING OF TWO FEET.
3. FIRE ALARM DEVICE MOUNTING HEIGHTS SHALL BE AS FOLLOWS:
   a. PULL STATION - OPERABLE PART OF A MANUALLY ACTUATED ALARM INITIATING DEVICE SHALL BE NOT LESS THAN 42" FROM FINISHED FLOOR; AND TOP OF BOX SHALL NOT BE MORE THAN 48" FROM FINISHED FLOOR. (CBC 11B 308.1.1, NFPA 72 17.14.5)
   b. INTERIOR AUDIBLE NOTIFICATION APPLIANCE - AT LEAST 90" TO THE TOP OF DEVICE ABOVE FINISHED FLOOR AND NOT LESS THAN 6" BELOW FINISHED CEILING. (NFPA 72 18.4.8.1)
   c. WALL-MOUNTED STROBE OR SPEAKER/STROBE - AT LEAST 80" TO BOTTOM OF LENS AND NOT GREATER THAN 96" TO TOP OF LENS ABOVE FINISHED FLOOR. (NFPA 72 18.5.5.1)
4. AUDIBLE SIGNAL DEVICES OF A FIRE ALARM SYSTEM INTENDED TO ALERT ALL OCCUPANTS SHALL BE SO LOCATED AND UNOBSTRUCTED AS TO CAUSE A LEVEL OF AUDIBILITY OF AT LEAST 15 dBA ABOVE AVERAGE AMBIENT SOUND LEVEL BUT NOT LESS THAN 75 dBA AT TEN FEET, OR MORE THAN 110 dBA IN TOTAL. (NFPA 72 18.4.3.1, 18.4.1.2 AND CFC 907.5.2.1.2)
5. AMBIENT NOISE LEVELS SHALL BE CONSTRUED TO MEAN THAT WHICH CAN NORMALLY BE EXPECTED TO EXIST WHEN THE FACILITY, BUILDING, ROOM OR AREA IS FUNCTIONING UNDER NORMAL OPERATIVE OR WORKING CONDITIONS. (CFC 907.5.2.1.1)
6. AUDIBLE DEVICES SHALL SOUND THE CA UNIFORM FIRE ALARM SIGNAL IN TEMPORAL MODE. PROVIDE AT LEAST ONE EXTERIOR AUDIBLE DEVICE ON BUILDING FOR E OCCUPANCIES. (CFC 907.5.2.1.3)
7. EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM SHALL COMPLY WITH CBC 907.2.3 AND NFPA 72 24.4.2
8. VISUAL DEVICES SHALL NOT EXCEED TWO FLASHES PER SECOND AND SHALL NOT BE SLOWER THAN ONE FLASH EVERY SECOND. (NFPA 72 18.5.3.1)
9. AUTOMATIC SMOKE DETECTION SHALL BE PROVIDED AT THE LOCATION OF EACH FIRE ALARM CONTROL UNIT, NOTIFICATION APPLIANCE CIRCUIT POWER EXTENDER AND SUPERVISING STATION TRANSMITTING EQUIPMENT TO PROVIDE NOTIFICATION OF FIRE AT THAT LOCATION. (NFPA 72 10.4.4)
10. BRANCH CIRCUITS PROTECTING FIRE ALARM EQUIPMENT SHALL BE LABELED PER NFPA 72 10.6.5.2.2 AND SHALL INCLUDE A LISTED CIRCUIT BREAKER LOCKING DEVICE PER NFPA 72 10.6.5.4
11. COMPLETE THE NFPA 72 RECORD OF COMPLETION, TESTING ALL DEVICES AND APPLIANCES. PROVIDE A COPY OF THE COMPLETED RECORD OF COMPLETION TO THE OWNER (SCHOOL DISTRICT), ARCHITECT, LOCAL FIRE AUTHORITY, AND DSA VIA THE PROJECT INSPECTOR. TESTING OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE LOCAL FIRE AUTHORITY AND THE DSA INSPECTOR OF RECORD (IOR). FINAL TEST SHALL INCLUDE READ OUT VERIFICATION FORM FROM CENTER STATION.
12. THE AUTOMATIC ALARM SYSTEM SHALL BE INSTALLED, TESTED, AND MAINTAINED IN ACCORDANCE WITH THE STATE FIRE MARSHAL'S REGULATIONS (CFC 907.8.5, NFPA 72 14.4.1.1, NFPA 72 14.5)

FIRE ALARM SYSTEM EQUIPMENT LEGEND

SYMBOL	DESCRIPTION
(E) FACP-H	(E) FIRE ALARM CONTROL PANEL 'FACP-H': SIMPLEX 4100ES C.S.F.M. #7165-0026:0251
(N) FATP	(N) FIRE ALARM TRANSPONDER PANEL 'FATP' DIMENSION 24"W x 40"H x 11 11/16"D: SIMPLEX MINIPLEX 4100ES MODEL 4100-9601 WITH 4100-0625 LOCAL MODE CONTROLLER CARD - C.S.F.M. #7300-0026:0375
F	ADDRESSABLE MANUAL PULL STATION SINGLE ACTION: SIMPLEX #4099-9004 C.S.F.M. #7150-0026:0224
SD	ADDRESSABLE SMOKE DETECTOR (FIXED TEMPERATURE 135F): SIMPLEX #4098-9714 C.S.F.M. #7272-0026:0218 SMOKE DETECTOR DETECTOR BASE: SIMPLEX #4098-9792 CSFM # 7300-0026:0217
DD	ADDRESSABLE DUCT SMOKE DETECTOR: SIMPLEX #4098-9756 C.S.F.M. #3240-0026:0241
RTS	RELAY TEST STATION: SIMPLEX #2098-9806 C.S.F.M. #7300-0026-0150
AM	INDIVIDUAL ADDRESSABLE INPUT MODULE: SIMPLEX #4090-9001 C.S.F.M. #7300-0026:0223
CR	INDIVIDUAL ADDRESSABLE CONTROL RELAY MODULE: SIMPLEX #4090-9002 C.S.F.M. #7300-0025:0223
SV XX	ADDRESSABLE SPEAKER/STROBE ANNUNCIATOR - WALL MOUNTED (XX REPRESENTS CANDELA) - SIMPLEX #49SV-APPLW C.S.F.M. #7125-0026:0384
V XX	ADDRESSABLE STROBE ANNUNCIATOR - WALL MOUNTED (XX REPRESENTS CANDELA): - SIMPLEX #49VO-WRS C.S.F.M. #7125-0026:0373
S WP	WEATHERPROOF, VOICE EVACUATION SPEAKER WALL MOUNT, OUTDOOR SIMPLEX #49SVC-WRS-O C.S.F.M. 7125-0026:0384
	END OF LINE SUPERVISION RELAY: SYSTEM SENSOR #EOLR-1 C.S.F.M. #7300-1653:0103

FIRE ALARM MONITORING NOTE

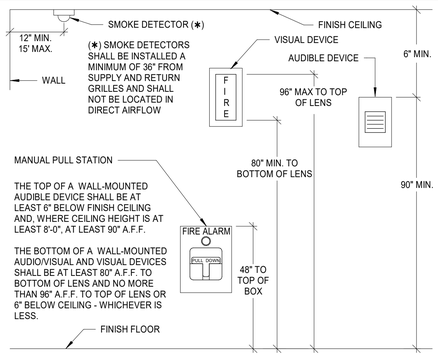
AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AS AMENDED BY CFC CHAPTER 80. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UUFX OR UUJS BY UNDERWRITERS LABORATORY OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BE ARRANGED BY OWNER.



FIRE ALARM CODES AND NOTES — N.T.S. — 5

FIRE ALARM LEGEND — N.T.S. — 4

FIRE ALARM RISER DIAGRAM — 1



FIRE ALARM DEVICE ELEVATIONS — N.T.S. — 6

FIRE ALARM SYSTEM OPERATIONAL MATRIX

DEVICE	ACTIVATE EVACUATION SIGNALS/STROBES	SHUTDOWN FIRE/SMOKE DAMPER, OR ACTIVATE SMOKE VENT RELEASE	SHUTDOWN HVAC EQUIPMENT	ANNUNCIATE AT BUILDING FACP AND ALL REMOTE ANNUNCIATORS	SEND SIGNAL TO CENTRAL STATION
FIRE ALARM PANEL SYSTEM TROUBLE				X	X
MANUAL PULL STATION	X			X	X
SMOKE DETECTOR	X	X		X	X
HEAT DETECTOR	X			X	X
DUCT SMOKE DETECTOR	X	X	X	X	X
WATER FLOW SWITCH	X			X	X
VALVE TAMPER SWITCH				SUPERVISORY	SUPERVISORY
POST INDICATOR VALVE				SUPERVISORY	SUPERVISORY

FIRE ALARM OPERATIONAL MATRIX — N.T.S. — 3

FIRE ALARM CABLE SCHEDULE

CABLE DESIGNATION	DESCRIPTION	MANUFACTURER & CATALOG #	OUTER JACKET COLOR	SYSTEM	USE
'FNET'	1 PR, #16 AWG STRANDED UNSHIELDED AQUASEAL FPL	WEST PENN #AQC225	BLACK	FIRE ALARM	SITE FIRE ALARM NETWORK
'FA'	1 PR, #16 AWG SOLID UNSHIELDED FPL	WEST PENN #D990	RED	FIRE ALARM	ADDRESSABLE SLC LOOP CABLE - INTERIOR
'FAS'	1 PR, #16 AWG STRANDED UNSHIELDED AQUASEAL FPL	WEST PENN #AQC225	BLACK	FIRE ALARM	SITE ADDRESSABLE SLC LOOP CABLE - EXTERIOR/OUTDOOR
'FS'	1 PR, #14 AWG SOLID SHIELDED, FPLP	WEST PENN #60992B	RED	FIRE ALARM	AUDIBLE (SPEAKER) NOTIFICATION APPLIANCE CIRCUIT - INTERIOR
'FSS'	1 PR, #14 AWG SOLID SHIELDED, FPL	WEST PENN #AQC295	BLACK	FIRE ALARM	AUDIBLE (SPEAKER) NOTIFICATION APPLIANCE CIRCUIT - EXTERIOR/OUTDOOR
'FV'	1 PR, #12 SOLID UNSHIELDED FPLP	WEST PENN #60995B	RED	FIRE ALARM	VISUAL (STROBE) NOTIFICATION APPLIANCE CIRCUIT
'FVR'	1 PR, #16 AWG STRANDED UNSHIELDED AQUASEAL FPL	WEST PENN #AQC225	BLACK	FIRE ALARM	SITE VOICE EVACUATION SYSTEM AUDIO RISER

FIRE ALARM CABLE SCHEDULE — 2

PLOT DATE: 10/29/2025 11:23:13 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/20/25	100% CD

REGISTERED PROFESSIONAL ENGINEER — EVAN J. BASTIAN — No. E19509 — Exp. 6-30-27 — CIVIL — STATE OF CALIFORNIA

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
FIRE ALARM BATTERY CALCULATIONS

PROJECT NO.
12500

DRAWING
E710

\\tetr-file1\Users\evan.bastian_TETR\Documents\12500-E-PC_CULTURAL_evan.bastian.rvt

* (E) FIRE ALARM CONTROL PANEL 'FACP-H' BATTERY CALCULATIONS

QTY.	DEVICE	DESCRIPTION	STANDBY CURRENT/ DEVICE	STANDBY CURRENT	ALARM CURRENT/ DEVICE	ALARM CURRENT
1	4100-9111	4100ES Master Controller with Display	0.3730	0.3730	0.4700	0.4700
1	4100-6078	Network Interface Master Controller	0.0460	0.0460	0.0460	0.0460
1	4100-6056	Network Interface Wired Media Card	0.0550	0.0550	0.0550	0.0550
1	4100-5401	Power Supply	0.0680	0.0680	0.0770	0.0770
1	4100-3109	IDNet Module 250 Points	0.2500	0.2500	0.3500	0.3500
1	4100-1266	NAC Expander	0.0006	0.0006	0.0600	0.0600
		NAC Devices:				
19	49SVC-APPLW	Speaker Strobe Wall, 24 VDC, Multi-Candela, 15 cd, 25/70 Vrms, red	0.0000	0.0000	0.0470	0.8930
13	49SVC-APPLW	Speaker Strobe Wall, 24 VDC, Multi-Candela, 75 cd, 25/70 Vrms, red	0.0000	0.0000	0.1000	1.3000
1	49SVC-APPLW	Speaker Strobe Wall, 24 VDC, Multi-Candela, 110 cd, 25/70 Vrms, red	0.0000	0.0000	0.1320	0.1320
2	49SVC-APPLW	Speaker Strobe Wall, 24 VDC, Multi-Candela, 135 cd, 25/70 Vrms, red	0.0000	0.0000	0.1600	0.3200
21	49VO-Wall	Wall Mount Strobe, Red 15cd	0.0000	0.0000	0.0540	1.1340
1	49VO-Wall	Wall Mount Strobe, Red 30cd	0.0000	0.0000	0.0780	0.0780
1	49VO-Wall	Wall Mount Strobe, Red 75cd	0.0000	0.0000	0.1280	0.1280
10	49VO-APPLC	Ceiling Mount Strobe, Red 15cd	0.0000	0.0000	0.0550	0.5500
1	49SV-APPLC	Speaker Strobe Ceiling, 24 VDC, Multi-Candela, 15 cd, 25/70 Vrms, red	0.0000	0.0000	0.0590	0.0590
		Addressable SCL Devices:				
1	SD #4098-9714	PHOTOELECTRIC SMOKE DETECTOR W/FIXED TEMPERATURE SETTINGS 135°F	0.0003	0.0003	0.0010	0.0010
1	DD #4098-9756	ADDRESSABLE DUCT SENSOR: SIMPLEX	0.0030	0.0030	0.0150	0.0150
11	F #4099-9004	AddressableSingle Action Pull Station SIMPLEX	0.0003	0.0033	0.0100	0.1100
1	CR #4090-9002	INDIVIDUAL ADDRESSABLE RELAY MODULE SIMPLEX	0.0004	0.0004	0.0065	0.0065
4	AM #4090-9001	INDIVIDUAL ADDRESSABLE INPUT MODULE SIMPLEX	0.0004	0.0015	0.0050	0.0200
		VOICE EVACUATION SYSTEM SPEAKERS	**SPEAKER WATTAGE**			
2	SP-0.25W	Voice Evacuation Speakers (.25W) SIMPLEX		0.2500		0.0208
4	SP-0.5W	Voice Evacuation Speakers (.5W) SIMPLEX		0.5000		0.0833
30	SP-1W	Voice Evacuation Speakers (1W) SIMPLEX		1.0000		1.2500
6	SP-2W	Voice Evacuation Speakers (2W) SIMPLEX		2.0000		0.5000
		TOTALS		0.8011	2.1355	5.8045

TOTAL ALARM AMP-HOURS (15 MIN.) =	0.25	HR	x	5.805	A	=	1.4511 A-H
TOTAL STANDBY AMP-HOURS (24 HRS) =	24	HR	x	0.801	A	=	19.2258 A-H
TOTAL REQUIRED AMP-HOURS =						=	**20.6769 A-H**
TOTAL DESIGN AMP-HOURS WITH 25% SAFETY FACTOR =						=	**25.8462 A-H**
BATTERY CAPACITY REQUIREMENTS							**33.000 A-H**

TOTAL SPEAKER WATTAGE AMP#1 :	**=**	**27.00 W**
REQUIRED AMPLIFIER WATTAGE (+25% INSERTION LOSS FACTOR)	**=**	**33.75 W**
SPECIFIED AMPLIFIER WATTAGE	**=**	**50.00 W**
TOTAL SPEAKER WATTAGE AMP#2:	**=**	**17.50 W**
REQUIRED AMPLIFIER WATTAGE (+25% INSERTION LOSS FACTOR)	**=**	**21.88 W**
SPECIFIED AMPLIFIER WATTAGE	**=**	**50.00 W**

* (E) 'FACP-H' SIMPLEX #4100ES ALLIED HEALTH BLDG. PER DSA #02-118445

(N) FIRE ALARM TRANSPONDER PANEL 'FATP' BATTERY CALCULATIONS

QTY.	DEVICE	DESCRIPTION	STANDBY CURRENT/ DEVICE	STANDBY CURRENT	ALARM CURRENT/ DEVICE	ALARM CURRENT
1	4100-9601	Local Mode Transponder	0.0870	0.0870	0.4700	0.4700
1	4100-6078	Network Interface Master Controller	0.0460	0.0460	0.0460	0.0460
1	4100-6056	Network Interface Wired Media Card	0.0550	0.0550	0.0550	0.0550
1	4100-5401	Power Supply	0.0680	0.0680	0.0770	0.0770
1	4100-3109	IDNet Module 250 Points	0.2500	0.2500	0.3500	0.3500
1		Auxil power output	0.1100	0.1100	0.1400	0.1400
		NAC Devices:				
5	49SVC-APPLW	Speaker Strobe Wall, 24 VDC, Multi-Candela, 15 cd, 25/70 Vrms, red	0.0000	0.0000	0.0470	0.2350
2	49SVC-APPLW	Speaker Strobe Wall, 24 VDC, Multi-Candela, 30 cd, 25/70 Vrms, red	0.0000	0.0000	0.0570	0.1140
2	49SVC-APPLW	Speaker Strobe Wall, 24 VDC, Multi-Candela, 75 cd, 25/70 Vrms, red	0.0000	0.0000	0.1000	0.2000
2	49VO-Wall	Wall Mount Strobe, Red 15cd	0.0000	0.0000	0.0540	0.1080
		Addressable SCL Devices:				
1	SD #4098-9714	PHOTOELECTRIC SMOKE DETECTOR W/FIXED TEMPERATURE SETTINGS 135°F	0.0003	0.0003	0.0010	0.0010
4	DD #4098-9756	ADDRESSABLE DUCT SENSOR: SIMPLEX	0.0030	0.0120	0.0150	0.0600
6	F #4099-9004	AddressableSingle Action Pull Station SIMPLEX	0.0003	0.0018	0.0100	0.0600
4	CR #4090-9002	INDIVIDUAL ADDRESSABLE RELAY MODULE SIMPLEX	0.0004	0.0015	0.0065	0.0260
3	AM #4090-9001	INDIVIDUAL ADDRESSABLE INPUT MODULE SIMPLEX	0.0004	0.0011	0.0050	0.0150
		VOICE EVACUATION SYSTEM SPEAKERS	SPEAKER WATTAGE			
5	SP-0.25W	Voice Evacuation Speakers (.25W) SIMPLEX		0.2500		0.0521
3	SP-0.5W	Voice Evacuation Speakers (.5W) SIMPLEX		0.5000		0.0625
1	SP-1W	Voice Evacuation Speakers (1W) SIMPLEX		1.0000		0.0417
5	SP-2W	Voice Evacuation Speakers (2W) SIMPLEX		2.0000		0.4167
		TOTALS		0.6327	1.6605	1.9570

TOTAL ALARM AMP-HOURS (15 MIN.) =	0.25	HR	x	1.957	A	=	0.4893 A-H
TOTAL STANDBY AMP-HOURS (24 HRS) =	24	HR	x	0.633	A	=	15.1854 A-H
TOTAL REQUIRED AMP-HOURS =						=	**15.6747 A-H**
TOTAL DESIGN AMP-HOURS WITH 25% SAFETY FACTOR =						=	**19.5933 A-H**
BATTERY CAPACITY REQUIREMENTS							**33.000 A-H**

TOTAL SPEAKER WATTAGE AMP#1 :	**=**	**13.75 W**
REQUIRED AMPLIFIER WATTAGE (+25% INSERTION LOSS FACTOR)	**=**	**17.19 W**
SPECIFIED AMPLIFIER WATTAGE	**=**	**35.00 W**

NAC 'N1' VOLTAGE DROP CALCULATION

QTY.	DEVICE	DESCRIPTION	ALARM CURRENT/ DEVICE	TOTAL ALARM CURRENT
2	49VO-Wall	Wall Mount Strobe, Red 15cd	0.0540	0.1080
5	49SVC-APPLW	Speaker Strobe Wall, 24 VDC, Multi-Candela, 15 cd, 25/70 Vrms, red	0.0470	0.2350
2	49SVC-APPLW	Speaker Strobe Wall, 24 VDC, Multi-Candela, 30 cd, 25/70 Vrms, red	0.0570	0.1140
2	49SVC-APPLW	Speaker Strobe Wall, 24 VDC, Multi-Candela, 75 cd, 25/70 Vrms, red	0.1000	0.2000
		TOTAL CURRENT ADDED TO CIRCUIT	0.258	0.657

LENGTH OF WIRE FROM FACP TO LAST DEVICE (IN FEET) =			**515**
ACTUAL SIZE OF WIRE INSTALLED =	**12** AWG	**6530** CIRCULAR MILS	
CALCULATED VOLTAGE DROP (IN VDC) =			**1.119**
CIRCUIT VOLTAGE CALCULATED AT LAST DEVICE (IN VDC) =			**22.9 VDC**
PERCENT VOLTAGE DROP (%) =			**4.66 %**

VOLTAGE DROP FORMULA:

$$\text{VOLTAGE DROP} = \frac{2 \times 10.8 \times \text{LENGTH OF CIRCUIT TO FARTHEST DEVICE} \times \text{CURRENT}}{\text{WIRE SIZE IN C.M.}}$$

COMPUTED WITH TOTAL CURRENT ON CIRCUIT AT MAXIMUM LENGTH (CLASS A CIRCUIT).

dB LINE LOSS CALCULATION

SPEAKER VOLTAGE = 24

SPEAKERS	DEVICE POWER (WATTS)	SIGNAL CKT S1 QTY.	SIGNAL CKT S1 WATTS	SIGNAL CKT S2 QTY.	SIGNAL CKT S2 WATTS	SPEAKER QTY TOTAL.	MIN. AMPLIFIER SIZE (WATTS)
SPEAKER - 1/4 WATT TAP	0.25	5	1.25	0	0	5	
SPEAKER - 1/2 WATT TAP	0.5	3	1.5	0	0	3	
SPEAKER - 1 WATT TAP	1	1	1	0	0	1	**17.19**
SPEAKER - 2 WATT TAP	2	0	0	5	10	5	
TOTAL POWER ON CKT (P) WATTS			3.75		10	13.7500	
LOAD RESISTANCE (LR) OHMS			154		58		
TOTAL WIRE LENGTH (D) FT			515		445		
WIRE SIZE			14 AWG		14 AWG		
TOTAL WIRE RESISTANCE (WR) OHMS			3.3578		2.9014		
POWER LOSS (PL) dB			**-0.1**		**-0.22**		

FORMULAS

WIRE RESISTANCE (R) (OHMS/KFt)*

18 AWG	=	8.08
16 AWG	=	5.08
14 AWG	=	3.26
12 AWG	=	2.05

*VALUES PER NFPA 70

TOTAL WIRE RESISTANCE (WR) = (R / 1000) * D

LOAD RESISTANCE (LR) = (SPEAKER VOLTAGE)^2 / P

POWER LINE LOSS (PL) = 10 * LOG (1- (WR / (WR+LR)))

PLOT DATE: 10/29/2025 11:23:14 PM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC: A
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/20/25	100% CD

REGISTERED PROFESSIONAL ENGINEER
EVAN W. BASTIAN
No. E19509
Exp. 6-30-27
ELECTRICAL

TETER, INC.
ARCHITECTS ENGINEERS CONSULTANTS
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
FIRE ALARM BATTERY CALCULATIONS

PROJECT NO.
12500

DRAWING
E711

\\tet-file1\Users\evan.bastian_TET\Documents\12500-E-PC_CULTURAL_evan.bastian.rvt

CODES, RULES & REGULATIONS

ALL WORK SHOWN HEREIN SHALL COMPLY WITH THE CURRENT REGULATIONS OF THE CALIFORNIA STATE FIRE MARSHAL, CALIFORNIA BUILDING CODE, TITLES 8 AND 19 THROUGH 24, SERVING UTILITY RULES AND ALL OTHER APPLICABLE STATE ORDINANCES. NOTHING IN THESE PLANS OR SPECIFICATIONS SHALL BE INTERPRETED AS TO PERMIT ANY WORK NOT IN CONFORMANCE WITH THESE CODES, RULES AND REGULATIONS. WHERE WORK OF A GREATER DEGREE IS INDICATED IN THESE PLANS OR SPECIFICATIONS, THAT REQUIREMENT SHALL GOVERN SUCH WORK.

GENERAL NOTES (TYPICAL)

1. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE EXACT LOCATION OF ALL CEILING MOUNTED ELECTRICAL EQUIPMENT.
2. REFER TO THE MECHANICAL AND PLUMBING PLANS FOR THE EXACT LOCATION OF ALL MECHANICAL, HVAC AND PLUMBING EQUIPMENT.
3. VERIFY THE EXACT LOCATION OF ALL FLOOR BOXES AND ASSOCIATED TRENCH, BACKFILL AND SAWCUTTING REQUIREMENTS WITH THE ARCHITECT PRIOR TO COMMENCEMENT OF ANY ROUGH -IN WORK FOR THIS EQUIPMENT.
4. COORDINATE ELECTRICAL PANEL AND TERMINAL CABINET LOCATIONS AND ROUTING OF UNDERGROUND CONDUITS WITH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO COMMENCEMENT OF ANY ROUGH-IN WORK FOR THIS EQUIPMENT.
5. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES WHOSE WORK WILL IMPACT PLACEMENT OR CONNECTION OF ELECTRICALLY POWERED EQUIPMENT REGARDLESS OF RESPONSIBILITY FOR SUPPLYING EQUIPMENT.

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA-APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220V RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND THE ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORTS THE COMPONENT.

B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE:

PIPING, DUCTWORK, AND ELECTRICAL SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., HCAI OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP ☐ MD ☐ PP ☐ E ☒ - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP ☐ MD ☐ PP ☐ E ☐ - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) #____.

GENERAL NOTES | 6

LIGHTING FIXTURE SCHEDULE

FIXTURE DESIGNATION	FIXTURE VOLTAGE	FIXTURE WATTAGE	MOUNTING	DRIVER & COLOR TEMP	DESCRIPTION	MANUFACTURER	CATALOG #
A1	120 V	39	RECESSED PER 3/E600	LED - 4000K	RECESSED 2'x4' LED TROFFER	LITHONIA	2BLT4-48L-ADP-EZ1-LP840-N100
A1E	120 V	32	RECESSED PER 3/E600	LED - 4000K	RECESSED 2'x4' LED TROFFER WITH INTEGRAL BATTERY BACKUP	LITHONIA	2BLT4-48L-ADP-EZ1-LP840-N100-E10WLCP
B1	120 V	35	SURFACE PER 4/E600	LED - 4000K	4' SURFACE LED 4000 LUMEN	LITHONIA	STL4-40L-EZ1-LP840
B1E	120 V	35	SURFACE PER 4/E600	LED - 4000K	4' SURFACE LED 4000 LUMEN WITH INTEGRAL BATTERY BACKUP	LITHONIA	STL4-40L-EZ1-LP840-E10WLCP
B2	120 V	53	SURFACE PER 4/E600	LED - 4000K	4' SURFACE LED 6000 LUMEN	LITHONIA	STL4-60L-EZ1-LP840
B2E	120 V	53	SURFACE PER 4/E600	LED - 4000K	4' SURFACE LED 6000 LUMEN WITH INTEGRAL BATTERY BACKUP	LITHONIA	STL4-60L-EZ1-LP840-E10WLCP
C1	120 V	35	RECESSED PER 7/E600	LED - 4000K	6" RECESSED CAN LIGHT	LITHONIA	LDN6-40/30-LO6AR-LSS-MVOLT-EZ1
C1E	120 V	30	RECESSED PER 7/E600	LED - 4000K	6" RECESSED CAN LIGHT WITH INTEGRAL BATTERY BACKUP	GOTHAM	EVO SERIES
R6	120 V	22	RECESSED IN CANOPY	LED - 4000K	EXTERIOR 6' RECESSED IN METAL SOFFIT	PINNACLE	EV3D-HE-840-6'-FL-U-EE1-1-0
U1	120 V	19	KNUCKLE MOUNT	LED - 4000K	ADJUSTABLE LED FLOODLIGHT	LITHONIA	ESXF1-ALO-SWW2-KY-DDB
U2	120 V	11	KNUCKLE MOUNT	LED - 3000K	LED BULLET LANDSCAPE FLOODLIGHT	LITHONIA	OLBF-8-30K-DDB
W1E	120 V	24	WALL	LED - 4000K	LED WALLPACK WITH INTEGRAL BATTERY BACKUP	LITHONIA	WPX1-LED-P2-40K-MVOLT-M4WH-WH
X1	120 V	2	WALL	LED	LED EXIT SIGN WITH INTEGRAL BATTERY BACK-UP	LITHONIA	LE-S-1-G-ELN

LIGHTING FIXTURE SCHEDULE | 3

TELECOMMUNICATION CABLE SCHEDULE

CABLE DESIGNATION	DESCRIPTION	MANUFACTURER & CATALOG #	OUTER JACKET COLOR	SYSTEM	USE
'D'	4 UTP #23 AWG CATEGORY 6 CMP PLENUM RATED	BERK-TEK LANMARK-1000	BLUE	DATA	HORIZONTAL DATA CABLE - INTERIOR
'D10'	4 UTP #23 AWG CATEGORY 6A CMP PLENUM RATED	BERK-TEK LANMARK-10G2	ORANGE	DATA (WAP)	HORIZONTAL DATA WAP CABLE - INTERIOR
'DX'	4 UTP #24 AWG CATEGORY 6 FILLED OUTDOOR	COMMSCOPE MEDIA 6 #6NF4+	BLACK	DATA	HORIZONTAL DATA CABLE - OUTDOOR
'FO'	12-STRAND SINGLE-MODE FIBER OPTIC CABLE	CORNING SMF-28e+ OR EQUIVALENT	BLACK	DATA	SITE OPTICAL FIBER DATA NETWORK
'T'	4 UTP #23 AWG CATEGORY 6 CMP PLENUM RATED	BERK-TEK LANMARK-1000	WHITE	TELEPHONE	BUILDING TELEPHONE CABLE
'T12'	12 PR #22 AWG OVERALL SHIELDED	SUPERIOR ESSEX #09-059-02	BLACK	TELEPHONE	SITE TELEPHONE CABLE
'HDMI'	ACTIVE HIGH SPEED 4K HDMI CABLE	C2G #41414, OR EQUIVALENT		AUDIO/VISUAL	AUDIO/VISUAL HDMI CABLE FOR MONITOR

SIGNAL CABLE SCHEDULE | 4

ELECTRICAL SYMBOL LEGEND

DIMENSIONS INDICATED ARE MEASURED TO CENTERLINE OF ENCLOSURE, UNLESS OTHERWISE NOTED
NOTE: SOME SYMBOLS SHOWN MAY NOT APPLY TO THIS PROJECT

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
O.C.	DENOTES SPACING DIMENSION ON CENTER LINE OF DEVICE	S_a	SINGLE POLE AC SNAP SWITCH @ +48" TO TOP OF BOX, U.O.N. — COVER CASE SUBSCRIPT INDICATES CONTROLLED SWITCHLEG OF CIRCUIT
U.G.	DENOTES UNDERGROUND INSTALLATION	[S]	WALL SWITCH WITH INTEGRAL OCCUPANCY SENSOR @ +48" TO TOP OF BOX, U.O.N.
W.P.	DENOTES WEATHERPROOF CONSTRUCTION	(M)	OCCUPANCY SENSOR - CEILING MOUNTED
A.F.F.	DENOTES ABOVE FINISHED FLOOR	(P)	LIGHTING CONTROL SYSTEM DIMMING/POWER PACK MOUNTED IN ATTIC
A.F.G.	DENOTES ABOVE FINISHED GRADE	(C)	LIGHTING CONTROL SYSTEM 2-BUTTON DIMMING WALL SWITCH @ +48" TO TOP OF BOX, U.O.N.
F.B.O.	DENOTES FURNISHED BY OTHERS	(DS)	LIGHTING CONTROL SYSTEM DAYLIGHT SENSOR - CEILING MOUNTED
U.O.N.	DENOTES UNLESS OTHERWISE NOTED	(T)	LOW VOLTAGE CONTROL TRANSFORMER
(E)	DENOTES EXISTING TO REMAIN, NO WORK U.O.N.		ELECTRICAL PANELBOARD PER PLANS, FLUSH MOUNTED IN WALL (4)
(N)	DENOTES NEW		ELECTRICAL PANELBOARD PER PLANS, SURFACE MOUNTED ON WALL
1	ELECTRICAL KEYNOTES: DENOTES KEYNOTE #1 OF NOTES ON SAME SHEET		TERMINAL CABINET PER PLANS, FLUSH MOUNTED IN WALL (5)
A-3	CIRCUIT HOME RUN: DENOTES PANEL A, CKT. #3, - 3/4"C. MINIMUM, U.O.N.		TERMINAL CABINET PER PLANS, SURFACE MOUNTED ON WALL
1	CIRCUIT FEEDER: DENOTES FEEDER 'F1' PER SYSTEM FEEDER SCHEDULE		FIRE ALARM PANEL PER PLANS, FLUSH MOUNTED IN WALL (5)
	CONDUIT IN ATTIC/WALL: DENOTES 3/4"C-2#12 AWG CU THWN, 1#12 CU GND, U.O.N.		FIRE ALARM PANEL PER PLANS, SURFACE MOUNTED ON WALL
— · —	CONDUIT IN FLOOR/U.G.: DENOTES 3/4"C-2#12 AWG CU THWN, 1#12 CU GND, U.O.N.	DD	FIRE ALARM DUCT DETECTOR IN HVAC DUCT
- - - -	DENOTES EXISTING CONDUIT RUN TO REMAIN	CR	FIRE ALARM ADDRESSABLE CONTROL RELAY MODULE
-//-	CONDUIT RUN: DENOTES 3/4"C - 3 #12 AWG CU THWN + 1 #12 CU GND, U.O.N.	AM	FIRE ALARM INDIVIDUAL ADDRESSABLE MODULE
-//-	CONDUIT RUN: DENOTES 3/4"C - 4 #12 AWG CU THWN + 1 #12 CU GND, U.O.N.	F	FIRE ALARM MANUAL PULL STATION @ +48" TO TOP OF BOX, U.O.N.
-//-	CONDUIT RUN: DENOTES 3/4"C - 5 #12 AWG CU THWN + 1 #12 CU GND, U.O.N.	V	FIRE ALARM VISUAL ALARM UNIT @ +80" MINIMUM, U.O.N.
-//-	CONDUIT RUN: DENOTES 1"C - 6 #12 AWG CU THWN + 1 #12 CU GND, U.O.N.	H	EXTERIOR FIRE ALARM HORN
	SEPARATE POWER AND DATA FLOOR BOXES (2)	SV	VOICE EVACUATION SPEAKER/STROBE ALARM UNIT @ +80" MINIMUM, U.O.N.
	FLUSH FLOOR BOX WITH DEVICE(S) INSTALLED PER PLANS, U.O.N. (2)		FIRE ALARM CIRCUIT END OF LINE RESISTOR
	TAMPER-RESISTANT DUPLEX RECEPTACLE IN WALL @ +18", U.O.N.	2/2	COMBINATION VOICE AND DATA OUTLET IN WALL WITH TWO 'D' CABLES TO IDF + TWO 'T' CABLES TO TELEPHONE BACKBOARD. (1) (6)
	TAMPER-RESISTANT DUPLEX GFI RECEPTACLE, IN WALL @ 18", U.O.N.	X	DATA OUTLET IN WALL @ +18", U.O.N., WITH 'D' CABLES TO IDF OR MDF (SUBSCRIPT INDICATES QUANTITY OF CABLES AND STATION SIDE JACKS). (1) (6)
W	TAMPER-RESISTANT WEATHER RESISTANT (W/R) DUPLEX GFCI RECEPTACLE W/ W.P. COVER @+18", U.O.N.	WAP	WIRELESS ACCESS POINT LOCATION, PROVIDE TWO TYPE 'D' CABLES TO IDF OR MDF
	TAMPER-RESISTANT QUADRUPLEX RECEPTACLE IN WALL @ +18", U.O.N.		RECESSED LED LIGHTING FIXTURE
	SPECIAL PURPOSE ELECTRICAL OUTLET PER PLAN IN WALL @ 18" U.O.N.		RECESSED LED LIGHTING FIXTURE WITH EMERGENCY BATTERY BACKUP
	DUPLEX RECEPTACLE FLUSH IN CEILING		SURFACE MOUNTED LED LIGHTING FIXTURE
	JUNCTION BOX		SURFACE MOUNTED LED LIGHTING FIXTURE WITH EMERGENCY BATTERY BACKUP
	JUNCTION BOX WITH FLEXIBLE CONDUIT CONNECTION TO EQUIPMENT		WALL MOUNTED LIGHTING FIXTURE
	NON-FUSIBLE DISCONNECT SWITCH		WALL MOUNTED LIGHTING FIXTURE WITH EMERGENCY BATTERY BACKUP
	FUSIBLE DISCONNECT SWITCH		RECESSED LIGHTING FIXTURE
	FUSIBLE DISCONNECT SWITCH WITH INTEGRAL MAGNETIC STARTER		RECESSED FIXTURE WITH EMERGENCY BATTERY BACKUP
	ELECTRIC MOTOR		ILLUMINATED EXIT SIGN MOUNTED ON CEILING
	EXHAUST FAN OR FRACTIONAL HORSEPOWER MOTOR		ILLUMINATED EXIT SIGN MOUNTED ON WALL
			LOW LEVEL PHOTOLUMINESCENT EXIT SIGN MOUNTED ON WALL

ELECTRICAL SYMBOLS NOTES:

(1) RUN 1"C CONCEALED IN WALL AND STUB INTO ACCESSIBLE ATTIC SPACE ABOVE NEAREST T-BAR CEILING, U.O.N.

(2) RUN 1"C TO NEAREST WALL, THEN RISE CONCEALED IN WALL AND STUB INTO ACCESSIBLE ATTIC SPACE ABOVE NEAREST T-BAR CEILING, U.O.N. FOR SINGLE SYSTEMS INDIVIDUAL FLOORBOXES. WHERE MULTIPLE SYSTEMS OCCUR WITHIN A COMMON FLOOR BOX, RUN TWO 1"C PER ABOVE.

(3) SYSTEM IS ROUGH IN ONLY, PROVIDE BACKBOX, BLANK COVERPLATE AND CONDUIT STUB PER DETAIL PLANS.

(4) IN ADDITION TO CONDUITS SHOWN ON PLANS, STUB ONE 1 1/4"C, ONE 1"C, AND TWO 3/4"C (SPARE) INTO ACCESSIBLE ATTIC SPACE ABOVE NEAREST T-BAR CEILING, U.O.N. THIS REQUIREMENT APPLIES TO EACH POWER AND LIGHTING PANEL INDICATED FLUSH MOUNTED ON POWER PLAN.

(5) IN ADDITION TO CONDUITS SHOWN ON PLANS, STUB ONE 1"C AND TWO 3/4"C (SPARE) INTO ACCESSIBLE ATTIC SPACE ABOVE NEAREST T-BAR CEILING U.O.N., REQUIREMENT APPLIES TO EACH SIGNAL SYSTEM T.C. INDICATED FLUSH MOUNTED ON SIGNAL PLAN.

(6) 4S BACKBOX WITH SINGLE GANG TRIM AND COVERPLATE.

ELECTRICAL SYMBOL LEGEND | 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC: A
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/20/25	100% CD

REGISTERED PROFESSIONAL ENGINEER — EVAN U. BASTIAN — No. E19509 — Exp. 6-30-27 — ELECTRICAL

TETER, INC.
ARCHITECTS ENGINEERS CONSULTANTS
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
ELECTRICAL LEGEND & SCHEDULES

PROJECT NO.
12500

DRAWING
E800

PLOT DATE: 10/29/2025 11:23:16 PM

\\tetr-file1\Users\evan.bastian_TETR\Documents\12500-E-PC_CULTURAL_evan.bastian.rvt

PANEL: DP-MC

400 AMP BUS | MAIN: 300A CB | LOCATION: WEST ELECTRICAL CLOSET
NEW PANELBOARD | 120/208V, 3 PH, 4 W | TRIP: THERMAL-MAGNETIC | MOUNTING: SURFACE PER DETAIL 2/E600
100% RATED NEUTRAL | A.I.C.: 18000 A | ENCLOSURE: NEMA 1

CIRCUIT CKT NO.	CIRCUIT PNL SPACE	BREAKER AMP	BREAKER POLE	SERVES	VOLT-AMPERES LOAD	A	B	C	LOAD	SERVES	BREAKER AMP	BREAKER POLE	CIRCUIT PNL SPACE	CIRCUIT CKT NO.
1	1				14780	24070			9290				2	2
3	3	200	3	PANEL MCAC	13539		19261		5722	PANEL MCR	125	3	4	4
5	5				12553			21323	8770				6	6
7	7				578	578			0	SPARE	20	1	8	8
9	9	100	3	PANEL MCL	478		478		0	SPARE	20	1	10	10
11	11				560			560	0	SPARE	20	1	12	12
13	13	20	1	SPARE	0	0			0	SPARE	20	1	14	14
15	15	20	1	SPARE	0		0		0	SPARE	20	1	16	16
17	17	20	1	SPARE	0			0	0	SPARE	20	1	18	18
19	19	20	1	SPARE	0	0			0	SPARE	20	1	20	20
21	21	20	1	SPARE	0		0		0	SPARE	20	1	22	22
23	23	20	1	SPARE	0			0	0	SPARE	20	1	24	24
25	25	20	1	SPARE	0	0			0	SPARE	20	1	26	26
27	27	20	1	SPARE	0		0		0	SPARE	20	1	28	28
29	29	20	1	SPARE	0			0	0	SPARE	20	1	30	30
				TOTAL CONNECTED LOAD (VA) :		24648	19739	21883						
				25% LCL/LML (VA) :		0	0	0						
				TOTAL CALCULATED LOAD (VA) :		24648	19739	21883	TOTAL CALCULATED LOAD FOR PANEL:					
				TOTAL CALCULATED LOAD (AMPS) :		205.4	164.5	182.4	66270 VA					

PANEL: MCL

100 AMP BUS | MAIN: 100A CB | LOCATION: WEST ELECTRICAL CLOSET
NEW PANELBOARD | 120/208V, 3 PH, 4 W | TRIP: THERMAL-MAGNETIC | MOUNTING: SURFACE PER DETAIL 2/E600
LIGHTING LOADS | 100% RATED NEUTRAL | A.I.C.: 10000 A | ENCLOSURE: NEMA 1

CIRCUIT CKT NO.	CIRCUIT PNL SPACE	BREAKER AMP	BREAKER POLE	SERVES	VOLT-AMPERES LOAD	A	B	C	LOAD	SERVES	BREAKER AMP	BREAKER POLE	CIRCUIT PNL SPACE	CIRCUIT CKT NO.
1	1	20	1	LIGHTING - 101-105,115-116	515	578			63	EXT LIGHTING - WALLPACKS	20	1	2	2
3	3	20	1	LIGHTING - 106A-111,113-114	364		478		114	EXT LIGHTING - UPLIGHTING	20	1	4	4
5	5	20	1	LIGHTING - 112	384			560	176	EXT LIGHTING - CANOPY	20	1	6	6
7	7	20	1	SPARE	0	0			0	SPARE	20	1	8	8
9	9	20	1	SPARE	0		0		0	SPARE	20	1	10	10
11	11	20	1	SPARE	0			0	0	SPARE	20	1	12	12
13	13	20	1	SPARE	0	0			0	SPARE	20	1	14	14
15	15	20	1	SPARE	0		0		0	SPARE	20	1	16	16
17	17	20	1	SPARE	0			0	0	SPARE	20	1	18	18
				TOTAL CONNECTED LOAD (VA) :		578	478	560						
				25% LCL/LML (VA) :		0	0	0						
				TOTAL CALCULATED LOAD (VA) :		578	478	560	TOTAL CALCULATED LOAD FOR PANEL:					
				TOTAL CALCULATED LOAD (AMPS) :		4.8	4.0	4.7	1616 VA					

PANEL: MCAC

200 AMP BUS | MAIN: 200A CB | LOCATION: WEST ELECTRICAL CLOSET
NEW PANELBOARD | 120/208V, 3 PH, 4 W | TRIP: THERMAL-MAGNETIC | MOUNTING: SURFACE PER DETAIL 2/E600
HVAC LOADS | 100% RATED NEUTRAL | A.I.C.: 18000 A | ENCLOSURE: NEMA 1

CIRCUIT CKT NO.	CIRCUIT PNL SPACE	BREAKER AMP	BREAKER POLE	SERVES	VOLT-AMPERES LOAD	A	B	C	LOAD	SERVES	BREAKER AMP	BREAKER POLE	CIRCUIT PNL SPACE	CIRCUIT CKT NO.
1	1				2059	2246			187				2	2
3	3	20	2	OUTDOOR UNIT 'CU-1'	2059		2246		187	INDOOR UNIT 'FC-1'	15	2	4	4
5	5				3057			3400	343				6	6
7	7	30	2	OUTDOOR UNIT 'CU-2'	3057	3400			343	INDOOR UNIT 'FC-2'	15	2	8	8
9	9				4996		6857		1861				10	10
11	11	50	3	OUTDOOR UNIT 'CU-3'	4996			6857	1861	INDOOR UNIT 'FC-3'	20	3	12	12
13	13				4996	6857			1861				14	14
15	15				2059		2159		100				16	16
17	17	20	2	OUTDOOR UNIT 'CU-4'	2059			2159	100	INDOOR UNITS 'FC-4A' & 'FC-4B'	15	2	18	18
19	19				1700	1700			0	SPARE	20	1	20	20
21	21	20	2	OUTDOOR UNIT 'CU-5'	1700		1700		0	SPARE	20	1	22	22
23	23	20	1	SPARE				0	0	SPARE	20	1	24	24
25	25	20	1	SPARE		0			0	SPARE	20	1	26	26
27	27	20	1	SPARE			0		0	SPARE	20	1	28	28
29	29	20	1	SPARE				0	0	SPARE	20	1	30	30
31	31	20	1	SPARE	0	0			0	SPARE	20	1	32	32
33	33	20	1	SPARE	0		0		0	SPARE	20	1	34	34
35	35	20	1	SPARE	0			75	75	EXHAUST FAN 'EF-1'	15	1	36	36
37	37	20	1	SPARE	0	62			62	EXHAUST FAN 'EF-2'	15	1	38	38
39	39	20	1	SPARE	0		62		62	EXHAUST FAN 'EF-3'	15	1	40	40
41	41	20	1	SPARE	0			62	62	EXHAUST FAN 'EF-4'	15	1	42	42
				TOTAL CONNECTED LOAD (VA) :		14265	13024	12553						
				25% LCL/LML (VA) :		515	515	0						
				TOTAL CALCULATED LOAD (VA) :		14780	13539	12553	TOTAL CALCULATED LOAD FOR PANEL:					
				TOTAL CALCULATED LOAD (AMPS) :		123.2	112.8	104.6	40872 VA					

PANEL: MCR

125 AMP BUS | MAIN: 125A CB | LOCATION: WEST ELECTRICAL CLOSET
NEW PANELBOARD | 120/208V, 3 PH, 4 W | TRIP: THERMAL-MAGNETIC | MOUNTING: SURFACE PER DETAIL 2/E600
RECEPTACLE LOADS | 100% RATED NEUTRAL | A.I.C.: 10000 A | ENCLOSURE: NEMA 1

CIRCUIT CKT NO.	CIRCUIT PNL SPACE	BREAKER AMP	BREAKER POLE	SERVES	VOLT-AMPERES LOAD	A	B	C	LOAD	SERVES	BREAKER AMP	BREAKER POLE	CIRCUIT PNL SPACE	CIRCUIT CKT NO.
1	1	20	1	RECEPTACLES - 106A,106B,107	720	1260			540	RECEPTACLES - 104,105	20	1	2	2
3	3	20	1	RECEPTACLES - 116	540		1260		720	RECEPTACLES - 101	20	1	4	4
5	5	20	1	RECEPTACLES - 108	900			1620	720	RECEPTACLES - 101	20	1	6	6
7	7	20	1	RECEPTACLES - 109	1080	1800			720	RECEPTACLES - 113	20	1	8	8
9	9	20	1	RECEPTACLES - 110,111,115	540		1260		720	RECEPTACLES - 114	20	1	10	10
11	11	20	1	RECEPTACLES - 112	900			1620	720	RECEPTACLES - EXTERIOR SOUTH	20	1	12	12
13	13	20	1	RECEPTACLES - 112	720	1620			900	RECEPTACLES - EXTERIOR NORTH	20	1	14	14
15	15	20	1	RECEPTACLES - 112	1440		2160		720	RECEPTACLES - EXTERIOR CANOPY	20	1	16	16
17	17	20	1	RECEPTACLES - 112 A/V	540			3540	3000	WATER HEATER 'WH-1'	40	2	18	18
19	19	20	1	REFRIGERATOR - 109	500	3500			3000				20	20
21	21	20	1	REFRIGERATOR - 109	500		562		62	CIRCULATION PUMP 'CP-1'	20	1	22	22
23	23	20	1	RECEPTACLE - IDF	0			740	740	DRINKING FOUNTAIN 'DF-1'	20	1	24	24
25	25	20	1	RECEPTACLE - ROOF	360	360			0	SPARE	20	1	26	26
27	27	20	1	RESTROOM SENSORS	480		480		0	SPARE	20	1	28	28
29	29	20	1	SPARE	0			0	0	SPARE	20	1	30	30
31	31	20	1	SPARE	0	0			0	SPARE	20	1	32	32
33	33	20	1	SPARE	0		0		0	SPARE	20	1	34	34
35	35	20	1	SPARE	0			0	0	SPARE	20	1	36	36
37	37	20	1	SPARE	0	0			0	SPARE	20	1	38	38
39	39	20	1	SPARE	0		0		0	SPARE	20	1	40	40
41	41	20	1	FIRE ALARM/ECS	500			500	0	SPARE	20	1	42	42
				TOTAL CONNECTED LOAD (VA) :		8540	5722	8020						
				25% LCL/LML (VA) :		750	0	750						
				TOTAL CALCULATED LOAD (VA) :		9290	5722	8770	TOTAL CALCULATED LOAD FOR PANEL:					
				TOTAL CALCULATED LOAD (AMPS) :		77.4	47.7	73.1	23782 VA					

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

Teter, Inc. expressly reserves its common law copyright and other property rights in these plans. This document, the ideas and designs incorporated herein, as an instrument of professional service, is not to be used in whole or in part, for any other project without prior written authorization.

MARK	DATE	DESCRIPTION
	10/20/25	100% CD

REGISTERED PROFESSIONAL ENGINEER
EVAN M. BASTIAN
No. E19509
Exp. 6-30-27
ELECTRICAL

TETER, INC.
FRESNO HEADQUARTERS
VISALIA | BAKERSFIELD | MODESTO | SAN LUIS OBISPO
ARCHITECTS ENGINEERS CONNECTED

MANZANITA CULTURAL CENTER
PORTERVILLE COLLEGE
100 E. COLLEGE AVE
PORTERVILLE, CA

DRAWING TITLE
PANEL SCHEDULES

PROJECT NO.
12500

DRAWING
E801

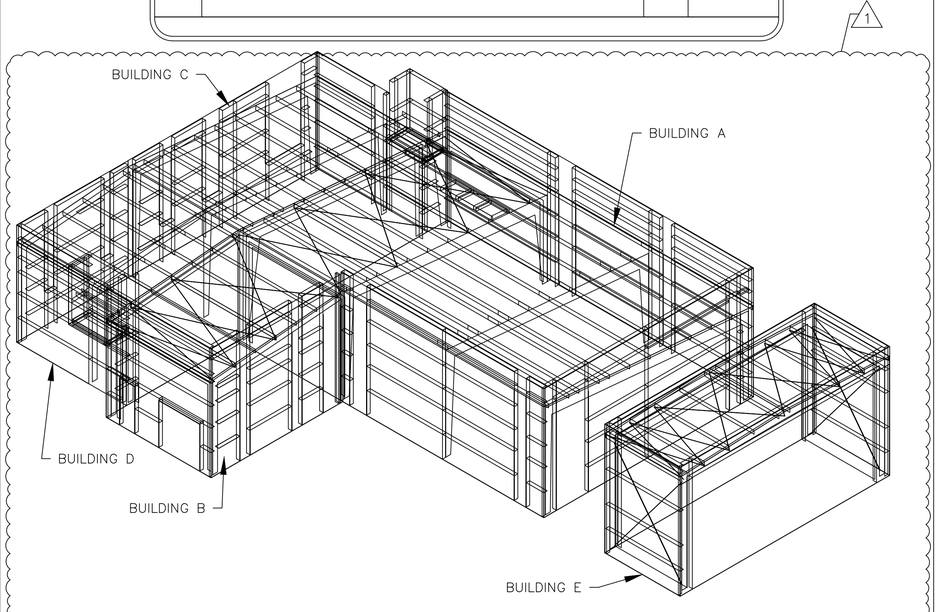
PLOT DATE: 10/29/2025 11:23:17 PM

STRUCTURAL DRAWINGS
PREPARED FOR
PORTERVILLE COLLEGE

100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257
COUNTY: TULARE

DRAWING INDEX

REV.	SHEET DESCRIPTION	PAGE	DATE:
1	COVER PAGE	1	9/15/25
1	ANCHOR BOLT PLAN & BASE DETAILS	2	9/15/25
1	RIGID FRAME ELEVATIONS / WIND BENT ELEVATIONS & DETAILS	3-6	9/15/25
0	ROOF FRAMING & SHEETING	7	6/13/24
1	WALL FRAMING	8-9	9/15/25
1	BUILDING DETAILS	10-13	9/15/25



MATERIAL NOTES:

MATERIALS	ASTM DESIGNATION	
3-PLATE WELDED MEMBERS		
FLANGES	ASTM A529, A572, A1011	GRADE 55
WEBS	ASTM A529, A572, A1011	GRADE 50
PLATES	ASTM A529, A572, A1011	GRADE 50
COLD-FORMED, LIGHT GAUGE MEMBERS	ASTM A653, A1011	GRADE 55
HOT-ROLLED W-SHAPES	ASTM A529, A572, A992	GRADE 50
OTHER HOT-ROLLED MEMBERS	ASTM A36	GRADE 36
HOLLOW SECTIONAL MEMBERS (HSS)	ASTM A500	GRADE B
BRACED ROD	ASTM A510, A572	GRADE 50
CLADDING	ASTM A792, A653	GRADE 50 OR 80

USE MATCHING FILLER METAL OR FILLER METAL WITH A STRENGTH LEVEL ONE STRENGTH LEVEL GREATER THAN MATCHING PER AWS D1.1.

REFER TO APPROPRIATE FRAMING PLANS FOR GIRT, PURLIN, EAVE STRUT, AND ROD SIZES.
REFER TO DETAIL SMP1 FOR "CEE", "ZEE", AND EAVE STRUT PROFILES.
REFER TO DETAIL WPM1 FOR WELDED-PLATE PROFILE TABLE.

BOLT TIGHTENING REQUIREMENTS:

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR/ERECTOR TO ENSURE PROPER BOLT TIGHTNESS IN ACCORDANCE WITH APPLICABLE REGULATIONS AND AHJ (AUTHORITY HAVING JURISDICTION) AND ENGINEER OF RECORD (EOR) REQUIREMENTS.
2. UNLESS OTHERWISE REQUIRED BY THE AHJ OR CONTRACT DOCUMENTS, HIGH-STRENGTH BOLT TIGHTNESS (A325), SNUG-TIGHT OR PRE-TENSIONED, SHALL BE PROVIDED IN ACCORDANCE WITH THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC) "SPECIFICATIONS FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS" AND AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) AISC 341 "SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS: AS FOLLOWS:
   - SECONDARY MEMBERS AND FLANGE BRACE CONNECTIONS ARE TO BE SNUG TIGHT UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE **P.E.M.B.** DRAWINGS
   - PRIMARY FRAMING, INCLUDING BUT NOT LIMITED TO, RIGID FRAME, RAFTER TO COLUMN AND RAFTER TO RAFTER CONNECTIONS, SHALL BE PRE-TENSIONED.
   - WIND BENT / PORTAL FRAME CONNECTIONS AND CONNECTORS TO PRIMARY RIGID FRAMES SHALL BE PRE-TENSIONED
   - BUILDING CONNECTIONS SUPPORTING CRANES OVER A 5-TON CAPACITY AND BUILDING CONNECTIONS SUPPORTING MACHINERY THAT CREATE VIBRATION, IMPACT OR STRESS REVERSALS ON CONNECTIONS SHALL BE PRE-TENSIONED.
   - A490 HIGH STRENGTH BOLTS SHALL BE PRE-TENSIONED.
3. THE TURN-OF-NUT METHOD FOR PRE-TENSIONING HIGH-STRENGTH BOLTS IS RECOMMENDED (OR OTHER APPROVED METHODS)

BASIS OF DESIGN:

BUILDING CODE	CBC 22
RISK CATEGORY	II - Normal
ROOF DEAD LOAD	3.50 PSF (BLDG A, B, C & D)
ROOF DEAD LOAD	6.00 PSF (BLDG E)
ROOF LIVE LOAD	20.00 PSF REDUCIBLE: Yes
COLLATERAL LOAD	8.00 PSF (BLDG A)
	5.00 PSF (BLDG B, C, D & E)
GROUND SNOW LOAD	0 PSF
ROOF SNOW LOAD	0.00 PSF
BASIC WIND SPEED	95 MPH
WIND EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT (A-D)	0.18 / -0.18
INTERNAL PRESSURE COEFFICIENT (E)	0.55 / -0.55
WIND LOAD DESIGN METHOD:	LOW-RISE BUILDING METHOD
SEISMIC IMPORTANCE FACTOR	1.00
MAPPED SPECTRAL RESPONSE ACCELERATION	Ss = 0.5850 S1 = 0.2260
SITE CLASS	D
SITE COEFFIECIENT	Fa = 1.3320 Fv = 2.1480
SPECTRAL RESPONSE COEFFIECIENT	Sds = 0.520 Sd1 = 0.324
SEISMIC DESIGN CATEGORY	D
SEISMIC RESPONSE COEFFICIENT	
ORDINARY MOMENT FRAME	Cs = 0.1485
ORDINARY CONCENTRICALLY BRACED FRAME	Cs = 0.1599
ORDINARY CANTILEVER COLUMN	N/A
RESPONSE MODIFICATION FACTORS	
ORDINARY MOMENT FRAME	R = 3.5000
ORDINARY CONCENTRICALLY BRACED FRAME	R = 3.2500
ORDINARY CANTILEVER COLUMN	N/A
SEISMIC LOAD DESIGN METHOD:	EQUIVALENT LATERAL FORCE METHOD
ALLOWABLE SOIL BEARING:	REFER TO FOUNDATION DESIGN,
CONCRETE STRENGTH:	BY OTHERS **(NOT BY P.E.M.B.)**

WHEN MULTIPLE BUILDINGS ARE INVOLVED, ENCLOSED, OPEN, AND PARTIAL BUILDING TYPES MAY RESULT IN DIFFERENT LOAD APPLICATION FACTORS THAN INDICATED ABOVE. SEE DESIGN REPORT FOR FURTHER INFORMATION.

GENERAL NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE SECTION OF THE CALIFO BUILDING CODE 2022, 2022 CMC, 2022 CPC, AND 2022 CEC, AND ALL OTHER PUBLICATIONS STANDARDS LISTED HEREIN.
2. ALL DETAILS SHOWN ON STRUCTURAL DRAWINGS ARE TYPICAL. SIMILAR DETAILS APPLY TO S CONDITIONS
3. DIMENSIONS SHOWN SHALL TAKE PRECEDENCE OVER SCALE ON STRUCTURAL PLANS, SECTIONS AND DETAILS. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
4. FRAMING AND DETAIL CONDITIONS SPECIFIED BY STRUCTURAL PLANS SHALL NOT BE CHANGED WITHOUT WRITTEN PERMISSION BY THE ENGINEER AND THE ARCHITECT.
5. LOADS SHALL NOT EXCEED DESIGN LOADS OF BUILDING.
6. **P.E.M.B.** STEEL BUILDINGS AND COMPONENTS AND THE ENGINEER **(P.E.M.B.)** ARE NOT RESPONSIBLE FOR, AND DO NOT HAVE CONTROL OF, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES FOR JOB SITE CONDITIONS, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK. THE CONTRACTOR IS REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROTECTION OF ALL PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
7. THE STRUCTURAL SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH STANDARD ENGINEERING PRACTICES TO RESIST CODE REQUIRED VERTICAL AND LATERAL FORCES AFTER THE CONSTRUCTION OF ALL STRUCTURAL ELEMENTS HAVE BEEN COMPLETED AS PRESCRIBED BY THE GOVERNING BUILDING CODES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MEASURES NECESSARY TO PROTECT THE STRUCTURES STABILITY DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, CONSTRUCTION PROCEDURES, JOB SITE SAFETY, ERECTION MEANS, METHODS AND SEQUENCES, TEMPORARY SHORING, FORMWORK, BRACING AND USE OF EQUIPMENT.

CONSTRUCTION PREPARATIONS:

1. PRIOR TO ORDERING FABRICATION AND INSTALLING, THE CONTRACTOR/OWNER SHALL HAVE REVIEWED THE REQUIREMENTS OF THESE DRAWINGS AND COORDINATED WITH ALL OTHER DISCIPLINES AND SITE CONDITIONS.
2. THE CONTRACTOR/OWNER MUST VERIFY THAT ALL INFORMATION IN THESE DRAWINGS, INCLUDING BUT NOT LIMITED TO LAYOUT, DIMENSIONS, GIRT SIZES/SPACING, SETBACKS AND OPENINGS ARE CORRECT AND REPORT ANY DISCREPANCIES TO **P.E.M.B.** STEEL BUILDINGS & COMPONENTS BEFORE BEGINNING POURING FOUNDATION, CONSTRUCTION OR FABRICATION OF THE BUILDING.
3. THE CONDITION OF ALL STEEL MATERIAL SHALL BE REVIEWED BY THE CONTRACTOR PRIOR TO INSTALLATION.
4. TEMPORARY BRACING SHALL BE PROVIDED WHEREVER NECESSARY TO TAKE CARE OF ALL LOADS IMPOSED UPON THE STRUCTURE DURING THE ERECTION PROCESS.
5. **P.E.M.B.** IS NOT RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. **P.E.M.B.** IS NOT RESPONSIBLE FOR, AND DOES NOT HAVE CONTROL OR CHARGE OF, ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR ANY OF THEIR AGENTS OR EMPLOYEES, OR ANY OTHER PERSONS PERFORMING ANY OF THE CONSTRUCTION WORK. THE CONTRACTOR SHALL HOLD **P.E.M.B.** STEEL BUILDINGS AND COMPONENTS AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

SPECIAL INSPECTION:

1. IN ACCORDANCE WITH CBC SECTION 110, 1704 AND 1705, THE OWNER SHALL EMPLOY AN INDEPENDENT AGENCY TO PERFORM REQUIRED SPECIAL INSPECTIONS, TESTS AND REPORTING DURING CONSTRUCTION PER THE REQUIREMENTS OF CBC CHAPTER 17, THE LOCAL AUTHORITY HAVING JURISDICTION AND THE CONTRACT DOCUMENTS.
2. FIELD WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER FOR EACH TYPE OF JOINT AND POSITION IN ACCORDANCE WITH GOVERNING REQUIREMENTS. (AWS) FIELD WELDING SPECIAL INSPECTION AND REPORTING SHALL BE PROVIDED BY AN APPROVED SPECIAL INSPECTION AGENCY RETAINED BY THE OWNER.
3. HIGH-STRENGTH BOLTING SPECIAL INSPECTION AND TESTING AND REPORTING REQUIRED BY THE AUTHORITY HAVING JURISDICTION (AHJ) DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE OWNER OR OWNER'S AUTHORIZED AGENT. WHEN REQUIRED, THE OWNER SHALL EMPLOY A QUALITY ASSURANCE AGENCY APPROVED BY THE AHJ.
4. **P.E.M.B.** STEEL BUILDINGS & COMPONENTS SHALL BE INSPECTED BY A REGISTERED SPECIAL INSPECTOR. SHOP WELDING, MILL CERTIFICATIONS, WELDERS CERTIFICATIONS, AND EQUIPMENT CALIBRATION SHALL BE INSPECTED BY:

KRAZAN AND ASSOCIATES, INC.	OR	RMA GEOSCIENCE INC.
215 W. DAKOTA AVE.		3897 N. ANN AVE.
CLOVIS, CA 93612		FRESNO, CA 93727
559-348-2200		559-708-8865

DRAWING STATUS

☒ APPROVAL SET (PERMIT USE ONLY):
THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE AND READY FOR CONSTRUCTION.

☐ FOR CONSTRUCTION:
FINAL DRAWINGS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

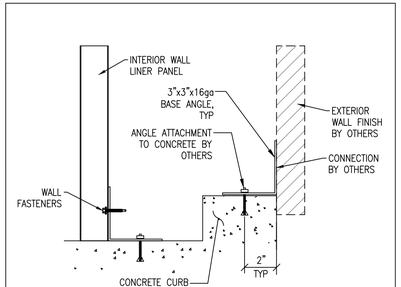
JOB E24
SHEET 1 OF 13
DETAILED DATE
SCALE: NONE

DESIGNED BY: CC
DRAWN BY: JAH
DATE: 6/13/24
DETAILED BY:

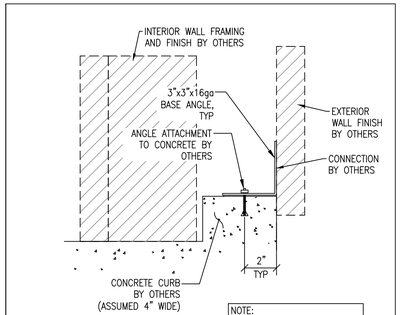
PORTERVILLE COLLEGE
100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257

NO.:	REVISED:	BY:	DATE:
1	PER CHANGE ORDER #1	JAH	9/15/25

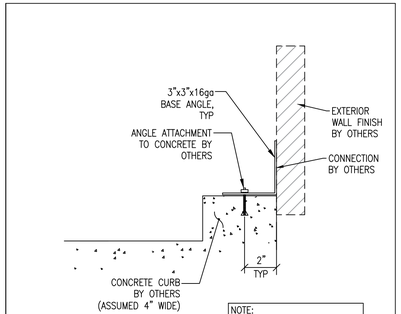
APPROVAL SET (PERMIT USE ONLY)



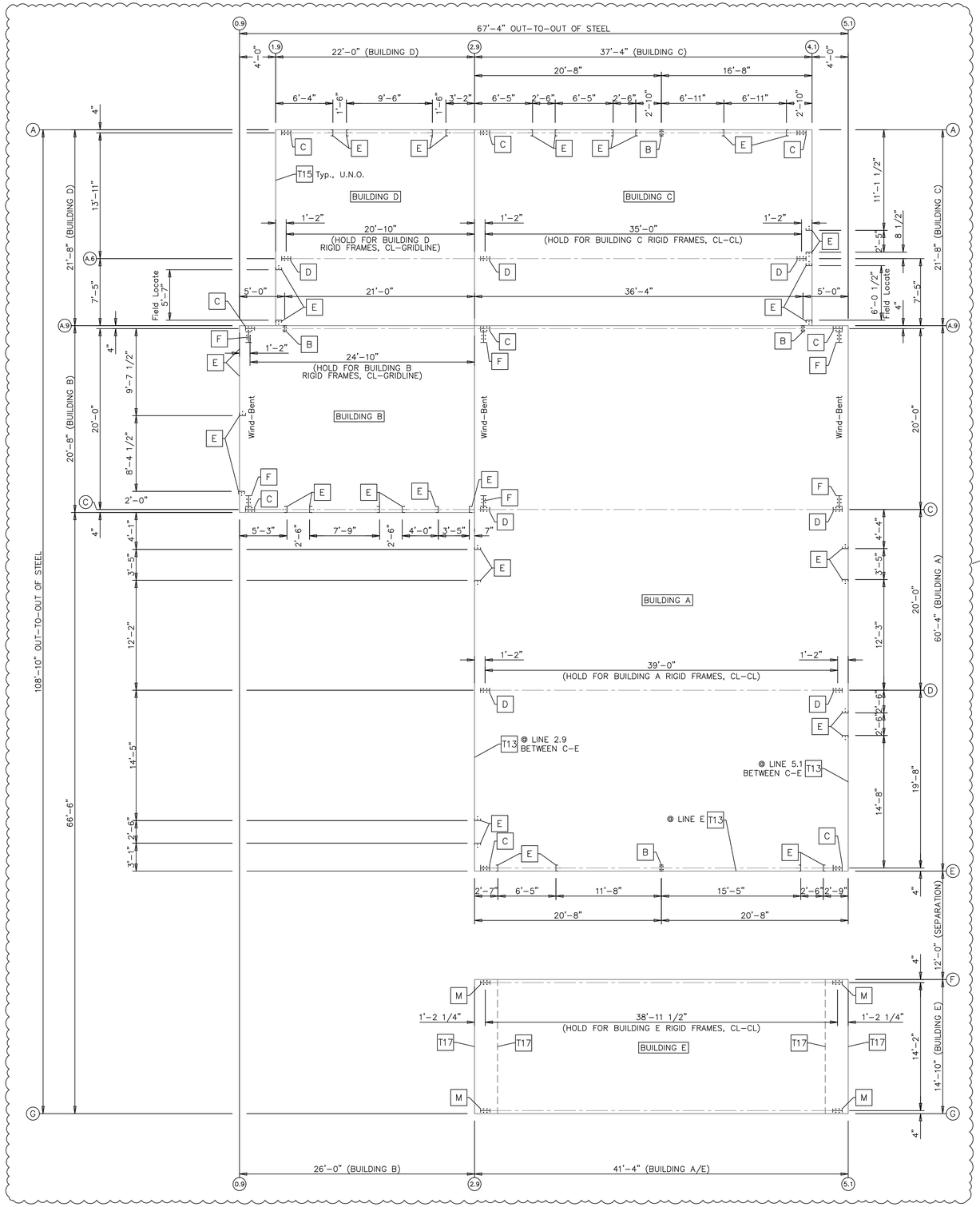
T13 BASE CHANNEL



T15 BASE ANGLE



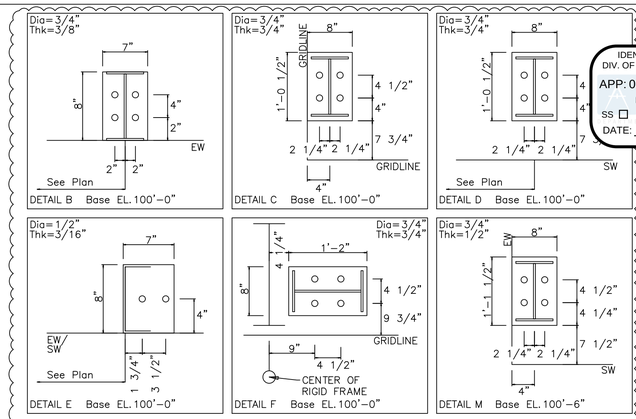
T17 BASE ANGLE



ANCHOR BOLT PLAN

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN MATCH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS (PROJECT DRAWINGS) PRIOR TO PLACING CONCRETE. ANY DISCREPANCIES SHALL BE RESOLVED, WITH WRITTEN DOCUMENTATION, PRIOR TO PLACEMENT OF CONCRETE.

FINISH FLOOR ELEVATION = 100'-0"
SEE BASE PLATE DETAILS FOR BASE ELEVATION



ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)
72	Jamb	1/2"
16	Endwall	3/4"
80	Frame	3/4"
24	WindBent	3/4"

NOTES:
1. USE ONE (1) WASHER AT COLUMN BASE PLATE PER BOLT.
2. REFER TO FOUNDATION ENGINEERS CALCS AND PLANS FOR ANCHOR BOLT ANCHORAGE DESIGN.
3. COLUMN REACTIONS FOR INDIVIDUAL/UNFACTORED LOADS ARE PROVIDED IN ENGINEERING CALCULATIONS. USE APPROPRIATE LOAD COMBINATION FOR DESIGNING ANCHOR BOLTS ANCHORAGE AND FOOTINGS.
4. ANCHOR BOLT LENGTH SHALL BE DETERMINED BY THE CONTRACTOR.
5. DOORS AND WINDOWS ORDERED THROUGH P.E.M.B. IF ANY, ARE MANUFACTURED BY A THIRD PARTY. P.E.M.B. DOES NOT PROVIDE DETAILS OR INSTRUCTIONS FOR THE INSTALLATION OF DOORS AND WINDOWS PURCHASE THROUGH P.E.M.B. IT IS THE BUYER'S RESPONSIBILITY TO INSTALL ALL DOORS AND WINDOWS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS, INCLUDING MANUFACTURER'S RECOMMENDATIONS FOR ATTACHMENTS TO CONCRETE AND MASONRY ELEMENTS.
6. DOORS AND WINDOWS BY OTHERS, IF ANY, SHALL BE WIND RATED FOR THE BUILDING DESIGN WIND VELOCITY OR HIGHER.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

JOB E24
SHEET S3
SCALE: NONE
DETAILED DATE
DESIGNED BY: CC
DRAWN BY: JAH
DATE: 6/13/24
DETAILED BY:

PORTERVILLE COLLEGE
100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257

NO.:	REVISED:	BY:	DATE:
1	PER CHANGE ORDER #1	JAH	9/15/25
2			
3			
4			
5			

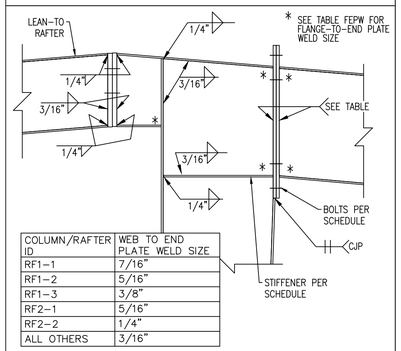
APPROVAL SET (PERMIT USE ONLY)

FLANGE/ STIFFENER THICKNESS	WELD TYPE	WELD SIZE
1/4"	FILLET	5/16"
5/16"	FILLET	3/8"
3/8"	FILLET	7/16"
GREATER THAN 3/8"	CJP	N/A

NOTES:
1. ALL FILLET WELDS ARE BOTH SIDES OF FLANGE/STIFFENER. (CJP WELDS NAY BE USED AS AN ALTERNATE.)
2. ALL CJP WELDS ARE GROOVE WELDS WITH A 5/16" BACKING FILLET WELD

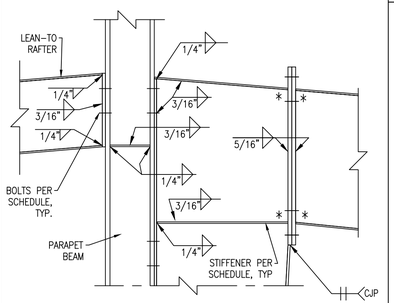
(FEPW) FLANGE-TO-END PLATE WELD SIZES

FLANGE-TO-END PLATE SKEW UP TO 30 DEGREES



COLUMN/RAFTER ID	WEB TO END PLATE WELD SIZE
RF1-1	7/16"
RF1-2	5/16"
RF1-3	3/8"
RF2-1	5/16"
RF2-2	1/4"
ALL OTHERS	3/16"

(U15) KNEE CONNECTION AT LEAN-TO



(U16) KNEE CONNECTION AT LEAN-TO

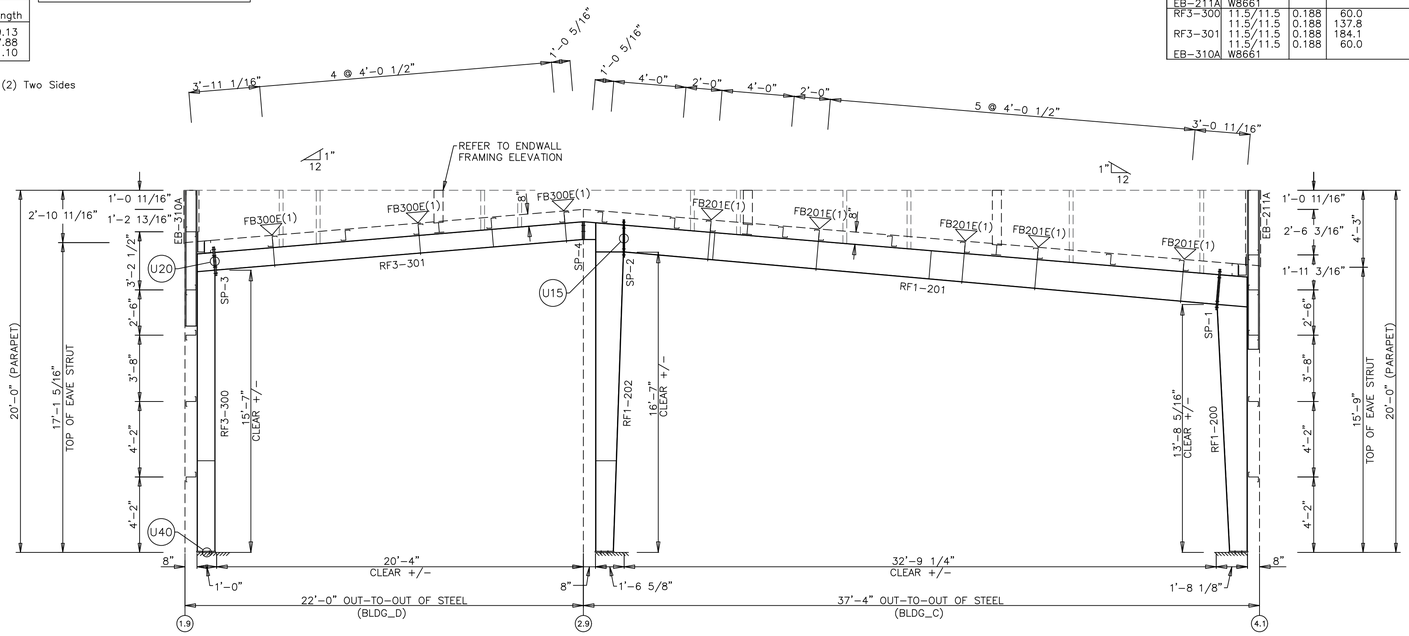
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	0.750	2.75	8"	3/4"	2'-3"
SP-2	4	4	0	A325	0.750	2.75	8"	3/4"	2'-1"
SP-3	4	4	0	A325	0.750	2.75	8"	3/4"	1'-7"
SP-4	4	0	0	A325	0.750	2.75	8"	3/4"	1'-1 1/2"

STIFFENER TABLE				
Mark	Stiff Mark	Plate Size Width	Thick	Length
RF1-200	ST1	3.000	0.250	19.13
RF1-202	ST2	3.000	0.250	17.88
RF3-300	ST1	3.000	0.250	11.10

NOTE: USE (1) WASHER PER BOLTED CONNECTION.

▽FLANGE BRACES: (1) One Side; (2) Two Sides
FBxxE(1)
E = L2X2X14g

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-200	11.4/19.5	0.188	183.1	6 x 5/16" x 181.6 6 x 1/4" x 17.9	6 x 5/16" x 160.1
RF1-201	19.5/18.5 18.5/17.8 17.8/17.5	0.188 0.188 0.188	191.0 143.9 60.0	6 x 1/4" x 394.9	6 x 1/4" x 393.4
RF1-202	18.0/13.4 13.4/11.4	0.188 0.188	157.6 60.0	6 x 1/4" x 25.6 6 x 5/16" x 217.6	6 x 5/16" x 194.9
EB-211A	W8661				
RF3-300	11.5/11.5	0.188	60.0	6 x 1/4" x 197.0	6 x 1/4" x 182.6
	11.5/11.5	0.188	137.8	6 x 1/4" x 10.5	
RF3-301	11.5/11.5	0.188	184.1	6 x 1/4" x 244.1	6 x 1/4" x 243.1
	11.5/11.5	0.188	60.0		
EB-310A	W8661				



RIGID FRAME ELEVATION: FRAME LINE A

THE FRAME ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

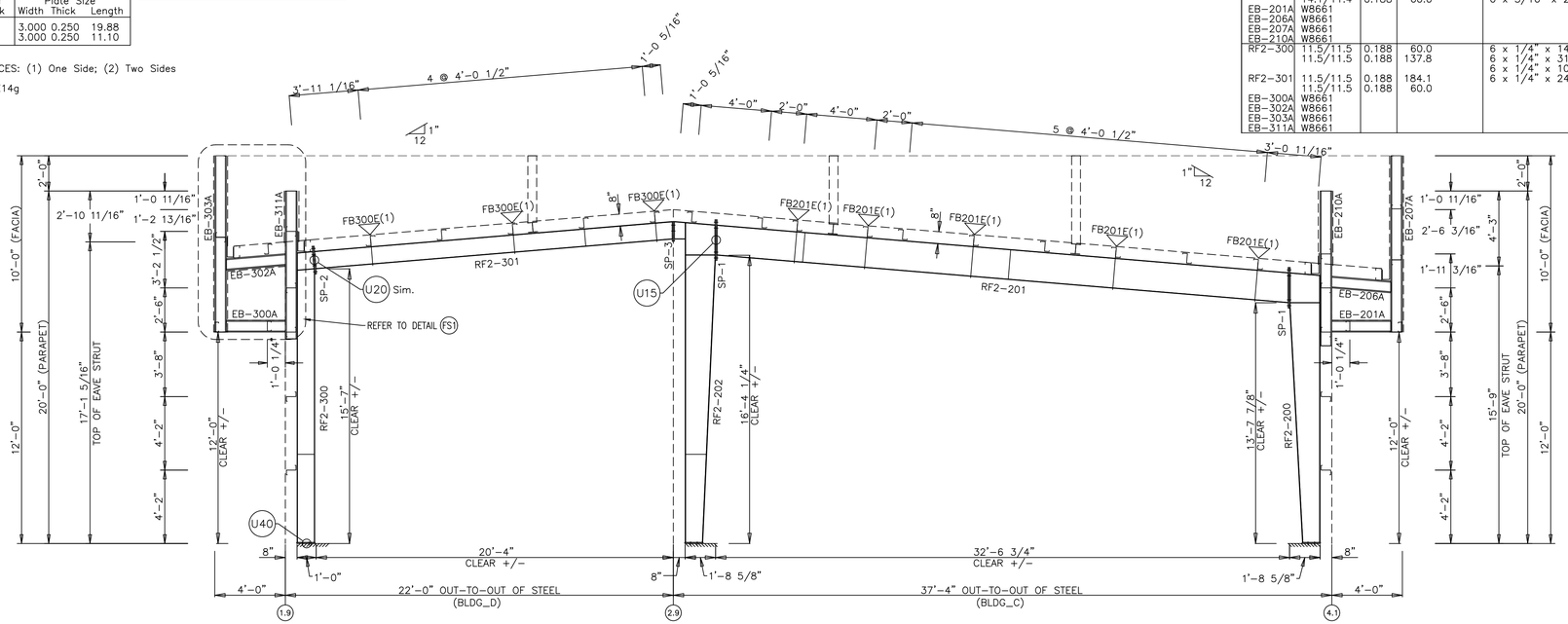
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	0.750	2.75	8"	3/4"	2'-3 5/8"
SP-2	4	4	0	A325	0.750	2.75	8"	3/4"	2'-1"
SP-3	4	0	0	A325	0.750	2.75	8"	3/4"	1'-1 1/2"

STIFFENER TABLE				
Mark	Stiff Mark	Plate Size Width	Thick	Length
RF2-200	ST1	3.000	0.250	19.88
RF2-300	ST1	3.000	0.250	11.10

NOTE: USE (1) WASHER PER BOLTED CONNECTION.

▽FLANGE BRACES: (1) One Side; (2) Two Sides
FBxxE(1)
E = L2X2X14g

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF2-200	11.4/20.0	0.188	183.3	6 x 5/16" x 140.1 6 x 1/4" x 20.4	6 x 5/16" x 159.8
RF2-201	20.0/20.0 20.0/20.0 20.0/20.0	0.188 0.188 0.188	191.0 140.4 60.0	6 x 1/4" x 389.7	6 x 1/4" x 389.7
RF2-202	20.0/14.1 14.1/11.4	0.188 0.188	157.6 60.0	6 x 1/4" x 27.6 6 x 5/16" x 217.6	6 x 5/16" x 192.2
EB-201A	W8661				
EB-206A	W8661				
EB-207A	W8661				
EB-210A	W8661				
RF2-300	11.5/11.5	0.188	60.0	6 x 1/4" x 140.1	6 x 1/4" x 182.6
	11.5/11.5	0.188	137.8	6 x 1/4" x 31.8 6 x 1/4" x 10.5	
RF2-301	11.5/11.5 11.5/11.5	0.188 0.188	184.1 60.0	6 x 1/4" x 244.1	6 x 1/4" x 243.1
EB-300A	W8661				
EB-302A	W8661				
EB-303A	W8661				
EB-311A	W8661				



RIGID FRAME ELEVATION: FRAME LINE A.6

THE FRAME ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

JOB NO: E24-06
SHEET NO: A
DETAILED DATE
SCALE: NONE

DESIGNED BY: CC
DRAWN BY: JAH
DATE: 6/13/24
DETAILED BY:

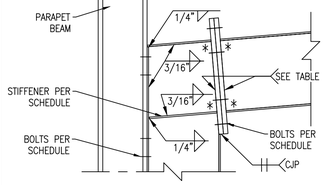
PORTERVILLE COLLEGE
100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257

NO.:	REVISED:	BY:	DATE:
1	PER CHANGE ORDER #1	JAH	9/15/25
2			
3			
4			
5			

APPROVAL SET (PERMIT USE ONLY)

* SEE TABLE FEPW FOR FLANGE-TO-END PLATE WELD SIZE

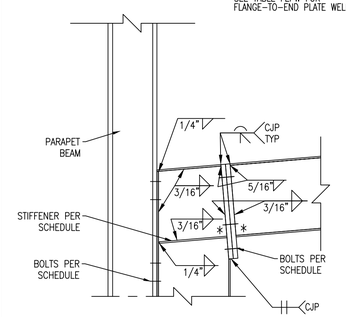
COLUMN/RAFTER ID	WEB TO END PLATE WELD SIZE
RF1-1	7/16"
RF1-2	5/16"
RF1-3	3/8"
RF2-1	5/16"
RF2-2	1/4"
ALL OTHERS	3/16"



U20 KNEE CONNECTION WITH PARAPET

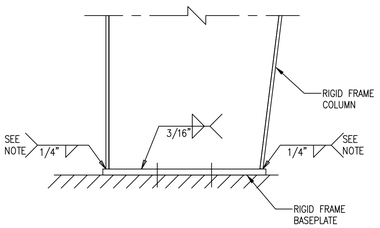
LOWSIDE SHOWN / HIGHSIDE SIMILAR

* SEE TABLE FEPW FOR FLANGE-TO-END PLATE WELD SIZE



U21 KNEE CONNECTION WITH PARAPET

NOTE:
AT RIGID FRAME COLUMNS THAT ARE ATTACHED TO X-BRACING, WELD BOTH SIDES OF THE FLANGES AND WEBS TO THE BASEPLATE.



U40 RIGID FRAME COLUMN TO BASEPLATE WELDING

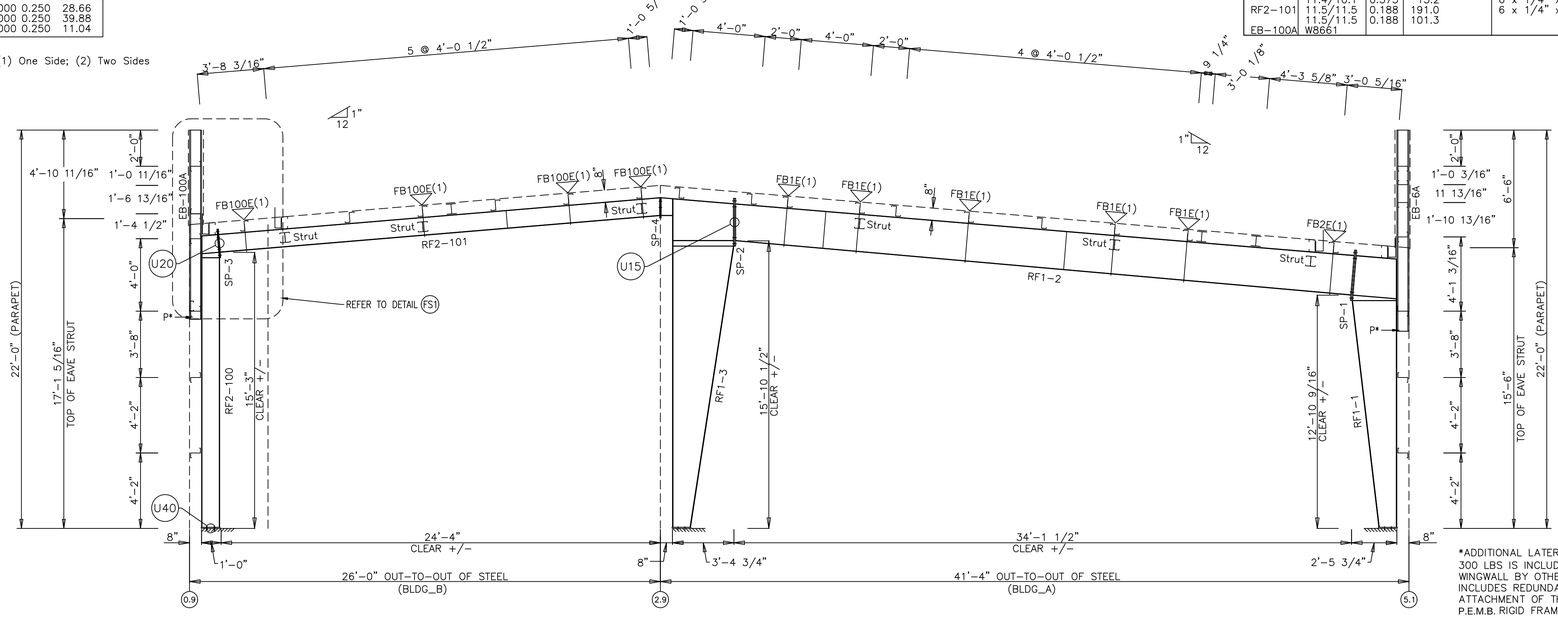
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	1.000	3.00	8"	3/4"	2'-9 1/2"
SP-2	4	4	0	A325	1.000	3.00	8"	3/4"	2'-7 5/8"
SP-3	4	4	0	A325	0.750	2.75	8"	3/4"	1'-7"
SP-4	4	0	0	A325	0.750	2.75	8"	3/4"	1'-1 1/2"

STIFFENER TABLE				
Mark	Stiff Mark	Plate Size Width	Thick	Length
RF1-1	ST1	3.000	0.250	28.66
RF1-3	ST2	3.000	0.250	39.88
RF2-100	ST1	3.000	0.250	11.04

NOTE: USE (1) WASHER PER BOLTED CONNECTION.

FLANGE BRACES: (1) One Side; (2) Two Sides
FBxxE(1)
E - L2X2X14g

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	11.3/29.0	0.188	150.2	6 x 3/8" x 177.6	6 x 3/8" x 151.2
	29.0/26.5	0.375	29.7	6 x 1/4" x 27.0	
RF1-2	26.0/25.1	0.188	191.0	6 x 1/4" x 411.1	6 x 5/16" x 409.1
	25.1/24.3	0.188	160.1		
	24.3/24.0	0.188	60.0		
RF1-3	40.0/40.0	0.375	31.3	6 x 1/4" x 47.8	6 x 3/8" x 188.5
	40.0/11.2	0.188	186.3	6 x 3/8" x 217.6	
EB-6A	W8661				
RF2-100	11.4/11.4	0.188	178.6	6 x 5/16" x 193.0	6 x 5/16" x 178.6
	11.4/10.1	0.375	15.2	6 x 1/4" x 10.4	
RF2-101	11.5/11.5	0.188	191.0	6 x 1/4" x 292.3	6 x 1/4" x 291.4
	11.5/11.5	0.188	101.3		
EB-100A	W8661				



RIGID FRAME ELEVATION: FRAME LINE A.9

THE FRAME ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

*ADDITIONAL LATERAL SEISMIC LOAD OF 300 LBS IS INCLUDED FOR 12'-TALL WINGWALL BY OTHERS. 300-LB LOAD INCLUDES REDUNDANCY FACTOR. ATTACHMENT OF THE WINGWALL TO THE P.E.M.B. RIGID FRAME IS BY OTHERS.

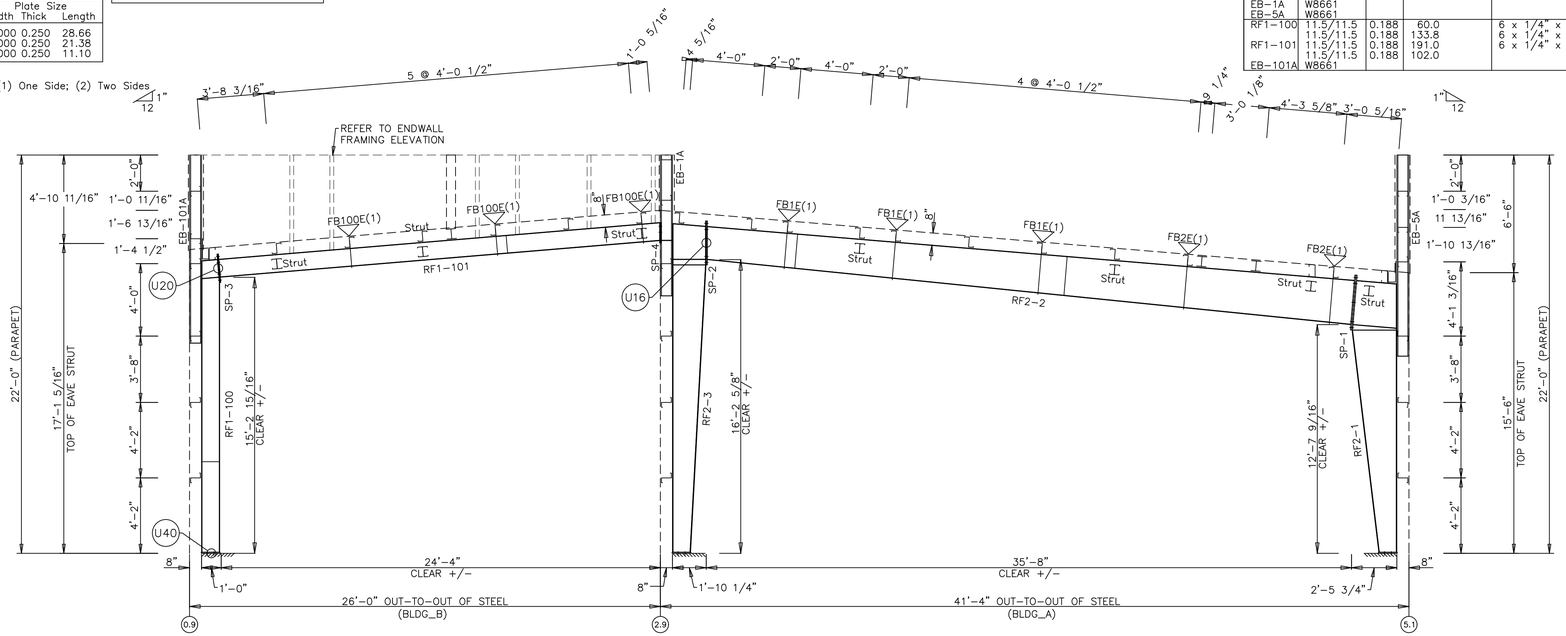
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	2	A325	0.750	2.75	8"	3/4"	3'-0 1/2"
SP-2	4	4	0	A325	0.750	2.75	8"	3/4"	2'-5 1/8"
SP-3	4	4	0	A325	0.750	2.75	8"	3/4"	1'-7"
SP-4	4	0	0	A325	0.750	2.75	8"	3/4"	1'-1 1/2"

STIFFENER TABLE				
Mark	Stiff Mark	Plate Size Width	Thick	Length
RF2-1	ST1	3.000	0.250	28.66
RF2-3	ST2	3.000	0.250	21.38
RF1-100	ST1	3.000	0.250	11.10

NOTE: USE (1) WASHER PER BOLTED CONNECTION.

FLANGE BRACES: (1) One Side; (2) Two Sides
FBxxE(1)
E - L2X2X14g

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF2-1	11.3/29.0	0.188	147.2	6 x 3/8" x 177.6	6 x 3/8" x 148.2
	29.0/26.3	0.375	32.7	6 x 1/4" x 26.7	
RF2-2	29.0/25.7	0.188	191.0	6 x 1/4" x 430.2	6 x 1/4" x 428.5
	25.7/22.5	0.188	179.2		
	22.5/21.5	0.188	60.0		
RF2-3	21.5/21.5	0.375	27.2	6 x 1/4" x 21.9	6 x 3/8" x 190.7
	21.5/11.2	0.188	190.4	6 x 3/8" x 217.6	
EB-1A	W8661				
EB-5A	W8661				
RF1-100	11.5/11.5	0.188	60.0	6 x 1/4" x 193.0	6 x 1/4" x 178.6
	11.5/11.5	0.188	133.8	6 x 1/4" x 10.5	
RF1-101	11.5/11.5	0.188	191.0	6 x 1/4" x 293.0	6 x 1/4" x 292.1
	11.5/11.5	0.188	102.0		
EB-101A	W8661				



RIGID FRAME ELEVATION: FRAME LINE C

THE FRAME ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

JOB NO: E24-0006
SHEET NO: A.6
SCALE: NONE
DETAILED BY: DATE
DESIGNED BY: CC
DRAWN BY: JAH
DATE: 6/13/24
DETAILED BY:

1

PORTERVILLE COLLEGE
100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257

NO.:	REVISED:	BY:	DATE:
1	PER CHANGE ORDER #1	JAH	9/15/25
2			
3			
4			
5			

APPROVAL SET (PERMIT USE ONLY)

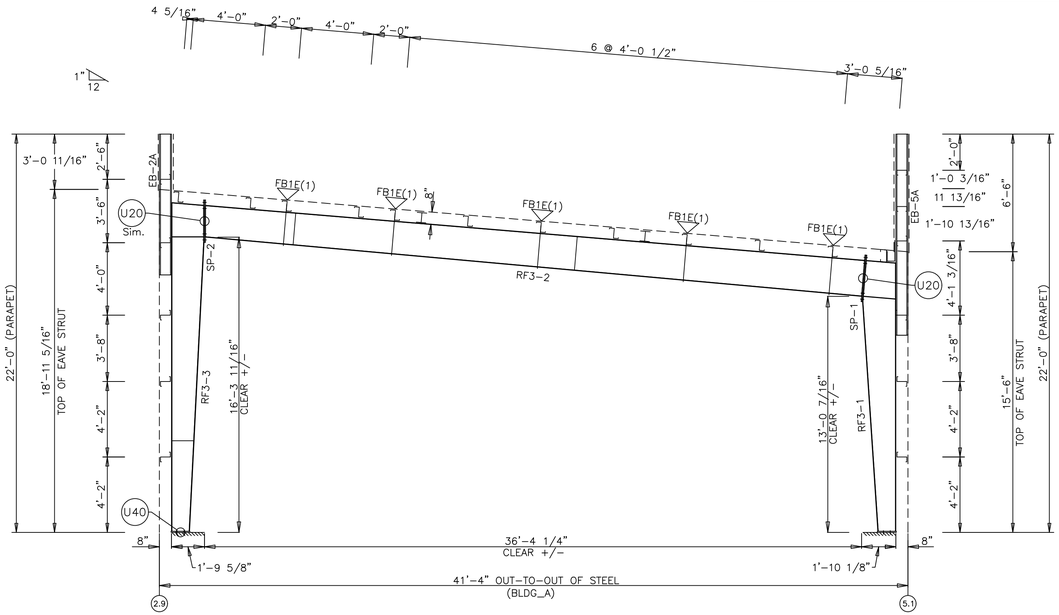
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	0.750	2.75	8"	3/4"	2'-7"
SP-2	4	4	0	A325	0.750	2.75	8"	3/4"	2'-4 1/8"

STIFFENER TABLE				
Mark	Stiff Mark	Plate Size Width	Thick	Length
RF3-1	ST1	3.000	0.250	21.14
RF3-3	ST2	3.000	0.250	20.87

NOTE: USE (1) WASHER PER BOLTED CONNECTION.

▽FLANGE BRACES: (1) One Side; (2) Two Sides
FBxxE(1)
E = L2X2X14g

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF3-1	11.4/21.5	0.188	179.3	6 x 5/16" x 177.6 6 x 1/4" x 19.6	6 x 5/16" x 152.4
RF3-2	23.5/22.2 22.2/20.9 20.9/20.5	0.188 0.188 0.188	191.0 187.2 60.0	6 x 1/4" x 438.2	6 x 1/4" x 436.4
RF3-3	21.0/14.4 14.4/11.4	0.188 0.188	157.6 60.0	6 x 1/4" x 21.4 6 x 5/16" x 217.6	6 x 5/16" x 191.7
EB-2A	W8661				
EB-5A	W8661				



RIGID FRAME ELEVATION: FRAME LINE D

THE FRAME ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	0.750	2.75	8"	3/4"	2'-5 1/8"
SP-2	4	4	0	A325	0.750	2.75	8"	3/4"	2'-3 1/8"

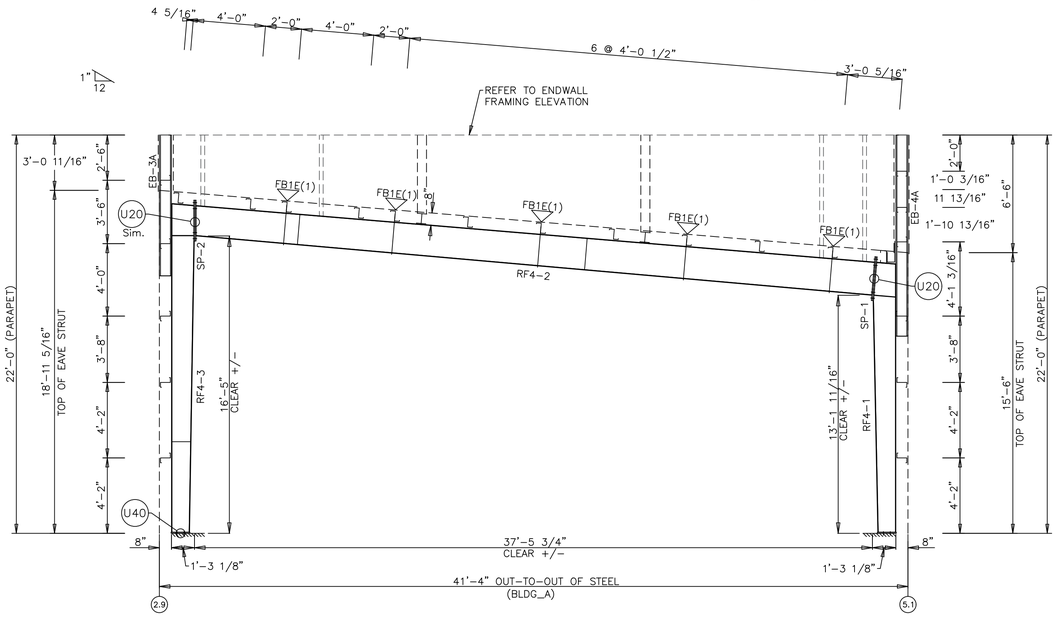
STIFFENER TABLE				
Mark	Stiff Mark	Plate Size Width	Thick	Length
RF4-1	ST1	3.000	0.250	14.11
RF4-3	ST2	3.000	0.250	14.38

NOTE: USE (1) WASHER PER BOLTED CONNECTION.

▽FLANGE BRACES: (1) One Side; (2) Two Sides
FBxxE(1)
E = L2X2X14g

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF4-1	11.4/14.5	0.188	178.6	8 x 5/16" x 177.6 8 x 5/16" x 12.7	8 x 5/16" x 153.4
RF4-2	21.5/20.7 20.7/19.8 19.8/19.5	0.188 0.188 0.188	191.0 191.0 69.0	6 x 3/8" x 451.0	6 x 3/8" x 449.4
RF4-3	14.5/12.3 12.3/11.4	0.188 0.188	157.5 60.0	8 x 5/16" x 14.8 8 x 5/16" x 217.5	8 x 5/16" x 192.9
EB-3A	W8661				
EB-4A	W8661				

1



RIGID FRAME ELEVATION: FRAME LINE E

THE FRAME ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

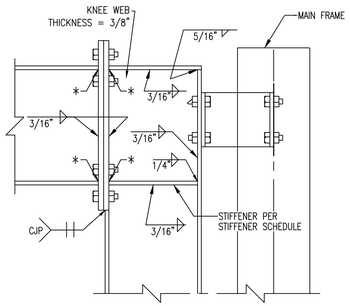
JOB NO: E24-0006
SHEET: S-6
SCALE: NONE
DETAILED DATE:
DESIGNED BY: CC
DRAWN BY: JAH
DATE: 6/13/24
DETAILED BY:

PORTERVILLE COLLEGE
100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257

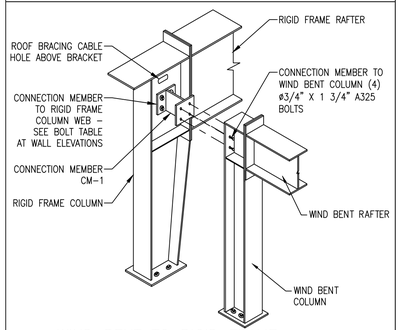
NO.	REVISED:	BY:	DATE:
1	PER CHANGE ORDER #1	JAH	9/15/25

APPROVAL SET (PERMIT USE ONLY)

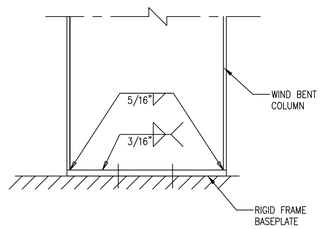
* SEE TABLE FEPW FOR FLANGE-TO-END PLATE AND STIFFENER-TO-END PLATE WELD SIZE



H09 WIND BENT KNEE CONNECTION



H10 WIND BENT TO RIGID FRAME COLUMN CONNECTION



H40 WIND BENT COLUMN TO BASEPLATE WELDING

REFERENCE NOTES

1. BOLT TIGHTENING REQUIREMENTS – WIND BENT COLUMN-TO-RAFTER ATTACHMENT AND CONNECTION MEMBER ATTACHMENTS SHALL BE PRE-TENSIONED IN ACCORDANCE WITH THE "BOLT TIGHTENING REQUIREMENTS" ON THE P.E.M.B. COVER SHEET. IT IS THE RESPONSIBILITY OF THE ERECTOR TO ASSURE PROPER BOLT TENSION.
2. BOLTS AND NUT SPECIFICATIONS – ALL BOLTS AND NUTS SPECIFIED THROUGHOUT THESE DRAWINGS WILL BE HIGH STRENGTH BOLTS AND NUTS CONFORMING TO ASTM A325 UNLESS OTHERWISE NOTED. SUBSTITUTION OF MILD STEEL BOLTS WILL NOT BE ALLOWED AND ANY FIELD SUBSTITUTION WILL VOID THE DESIGN WARRANTY.
3. TEMPORARY BRACING SHALL BE INTRODUCED WHEREVER NECESSARY TO TAKE CARE OF ALL LOADS IMPOSED UPON THE STRUCTURE DURING THE ERECTION PROCESS.
4. PROVIDE SHIMS AS NECESSARY BETWEEN THE CONNECTION MEMBER AND THE WIND BENT COLUMN.

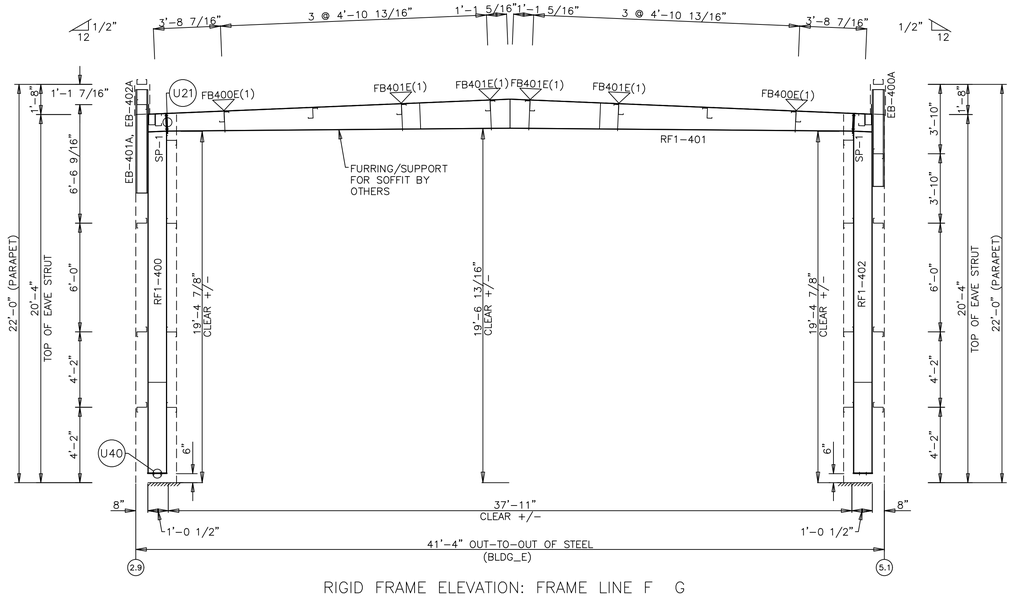
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	2	2	0	A325	0.750	2.25	8"	1/2"	1'-1 1/2"

STIFFENER TABLE				
Mark	Stiff Mark	Plate Size Width	Thick	Length
RF1-400	ST1	3.000	0.250	11.81
RF1-402	ST2	3.000	0.250	11.81

NOTE: USE (1) WASHER PER BOLTED CONNECTION.

▽FLANGE BRACES: (1) One Side; (2) Two Sides
FBxxE(1)
E = L2X2X14g

MEMBER TABLE				
Mark	Web Depth Start/End	Web Plate Thick	Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RF1-400	12.0/12.0	0.135	60.0	5 x 1/4" x 237.6	5 x 1/4" x 224.8
	12.0/12.0	0.135	178.1	6 x 1/4" x 11.7	
RF1-401	11.5/17.0	0.135	167.5	5 x 1/4" x 227.5	5 x 1/4" x 226.8
	17.0/19.0	0.135	60.0	5 x 1/4" x 227.5	5 x 1/4" x 226.8
	19.0/17.0	0.135	60.0		
	17.0/11.5	0.135	167.5		
RF1-402	12.0/12.0	0.135	178.1	6 x 1/4" x 11.7	5 x 1/4" x 224.8
	12.0/12.0	0.135	60.0	5 x 1/4" x 237.6	
EB-400A	W8641				
EB-401A	W8641				
EB-402A	W8641				



RIGID FRAME ELEVATION: FRAME LINE F G

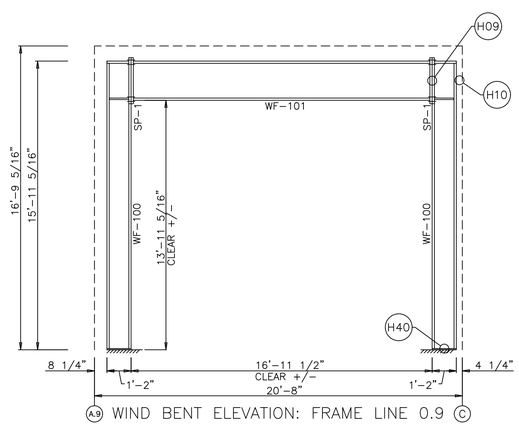
THE FRAME ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

SPLICE PLATES & BOLTS										
Splice Mark	Quan Top/Bot		Bolt Type	Dia	Length	Plate Size Width	Thick	Length
SP- 1	4	4	A325	1.000	3.00	8"	1"	2'-6 3/4"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-101	W24883	16'-11 1/2"
WF-100	W14883	15'-11 5/16"

STIFFENER TABLE				
Mark	Stiff Mark	Plate Size Width	Thick	Length
WF-100	St- 1	4.000	0.375	13.00

NOTE: USE (1) WASHER PER BOLTED CONNECTION.



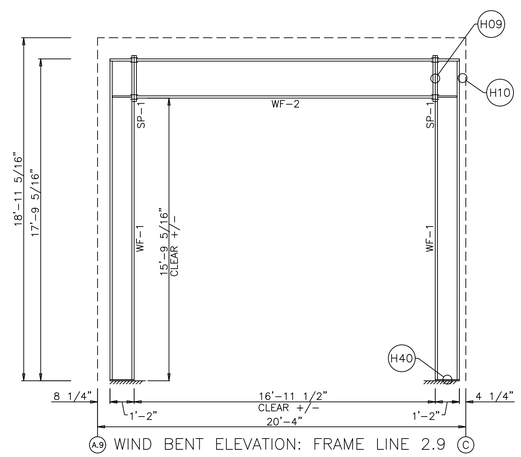
A.9 WIND BENT ELEVATION: FRAME LINE 0.9 C

SPLICE PLATES & BOLTS										
Splice Mark	Quan Top/Bot		Bolt Type	Dia	Length	Plate Size Width	Thick	Length
SP- 1	4	4	A325	1.000	3.00	8"	1"	2'-6 3/4"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-2	W24884	16'-11"
WF-1	W14883	17'-9 5/16"

STIFFENER TABLE				
Mark	Stiff Mark	Plate Size Width	Thick	Length
WF-1	St- 1	4.000	0.375	13.00

NOTE: USE (1) WASHER PER BOLTED CONNECTION.



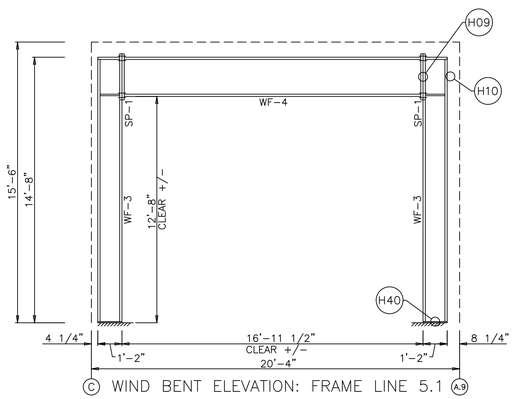
A.9 WIND BENT ELEVATION: FRAME LINE 2.9 C

SPLICE PLATES & BOLTS										
Splice Mark	Quan Top/Bot		Bolt Type	Dia	Length	Plate Size Width	Thick	Length
SP- 1	4	4	A325	1.000	3.00	8"	1"	2'-6 3/4"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-4	W24884	16'-11"
WF-3	W14883	14'-8"

STIFFENER TABLE				
Mark	Stiff Mark	Plate Size Width	Thick	Length
WF-3	St- 1	4.000	0.375	13.00

NOTE: USE (1) WASHER PER BOLTED CONNECTION.



C WIND BENT ELEVATION: FRAME LINE 5.1 A.9

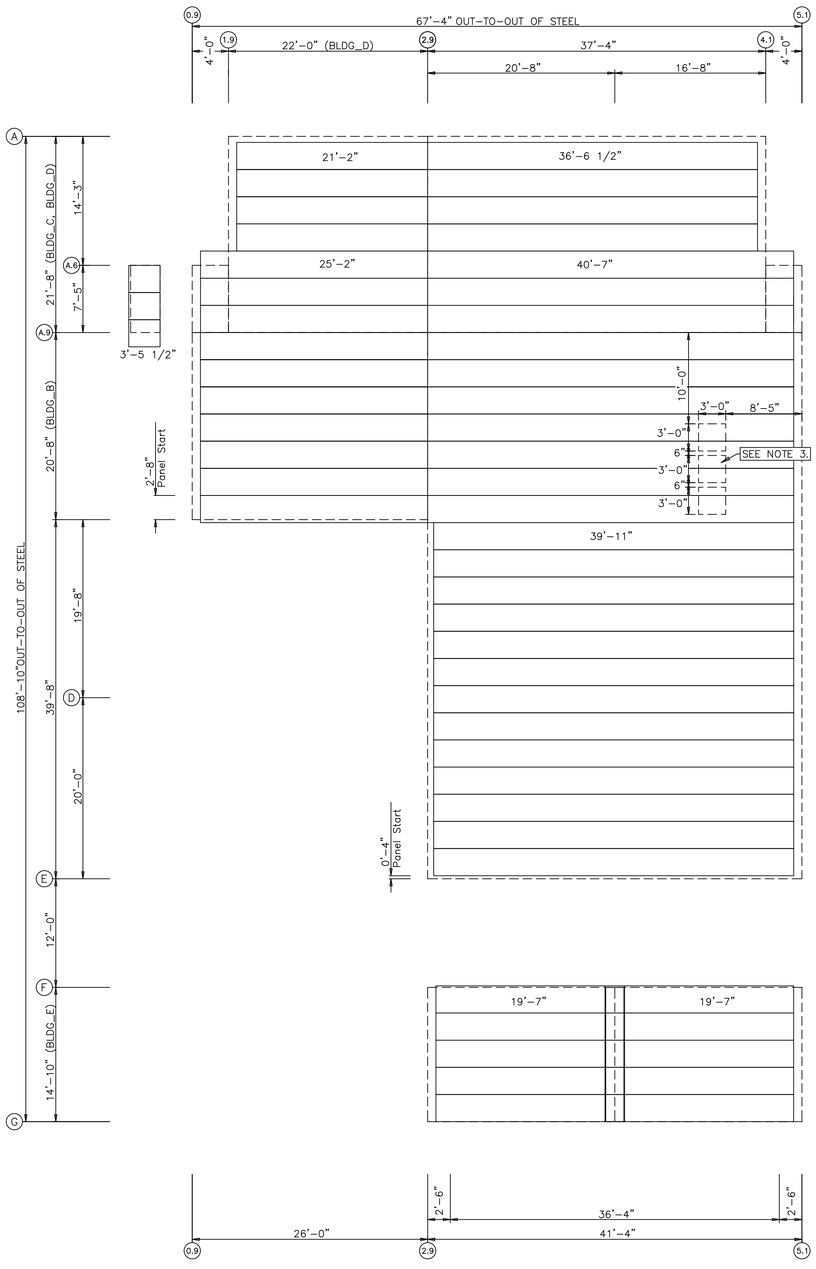
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

JOB NO: E24-0006
SHEET
SCALE: NONE
DETAILED DATE
DESIGNED BY: CC
DRAWN BY: JAH
DATE: 6/13/24
DETAILED BY:

PORTERVILLE COLLEGE
100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257

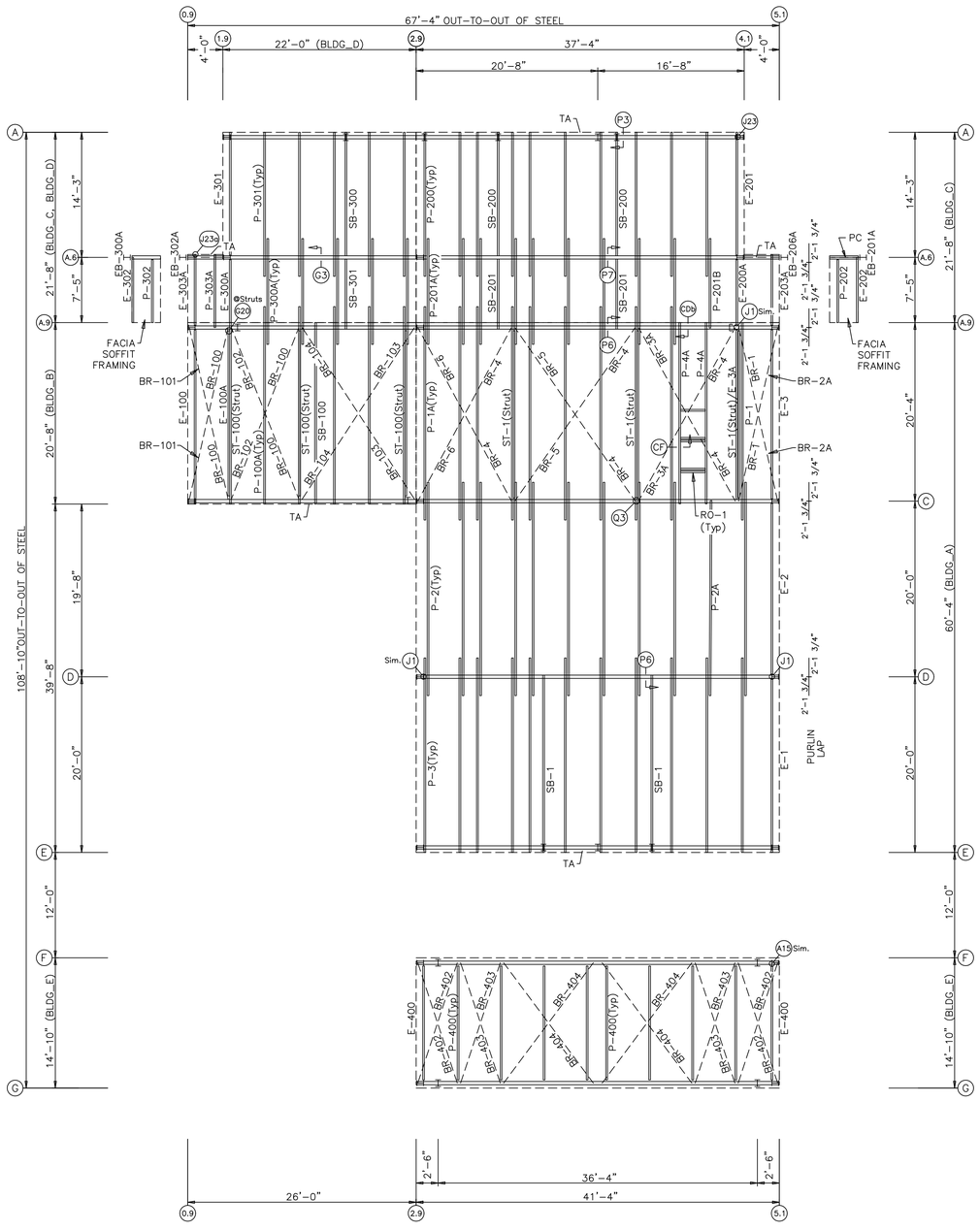
NO.:	REVISED:	BY:	DATE:
1	PER CHANGE ORDER #1	JAH	9/15/25
2			
3			
4			
5			

APPROVAL SET (PERMIT USE ONLY)



ROOF SHEETING PLAN

PANELS: 24 Ga. SP (OR EQUAL) – NEED PREMIUM KYNAR COLOR



ROOF FRAMING PLAN

STRUT BOLTS ROOF PLAN					
ID	QUAN	TYPE	DIA	LENGTH	WASH
	4	A325	3/4"	1 3/4"	

EXTENSION/CANOPY BOLTS ROOF PLAN			
MARK	QUAN	TYPE	DIA
EB-201A	4	A325	3/4"
EB-202A	4	A325	3/4"
EB-206A	4	A325	3/4"
EB-300A	4	A325	3/4"
EB-302A	4	A325	3/4"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

MEMBER TABLE ROOF PLAN		
MARK	PART	LENGTH
BLDG_A		
RO-1	8x35C12	3'-0 1/8"
SB-1	W8661	19'-11 1/2"
P-1	825ZP14	22'-5 1/2"
P-1A	825ZP14	24'-7 1/2"
P-2	825ZP14	24'-3 1/2"
P-2A	825ZP12	22'-1 1/2"
P-3	825ZP14	21'-5 1/2"
P-4A	W8541	20'-7 1/2"
E-1	140845E1	19'-3 1/2"
E-2	140845E1	19'-11 1/2"
E-3	140845E1	20'-3 1/2"
E-3A	140845E1	20'-7 1/2"
ST-1	8X70D14	19'-11 1/2"
BR-1	0.75_ROD	2'-0"
BR-2A	0.75_ROD	TBD
BR-3A	0.75_ROD	TBD
BR-4	0.75_ROD	20'-0"
BR-5	0.75_ROD	4'-3 1/2"
BR-6	0.75_ROD	2'-5 1/2"
BLDG_B		
SB-100	W8661	20'-7 1/2"
P-100A	825ZP12	22'-5 3/4"
E-100	140845E1	20'-3 1/2"
E-100A	140845E1	19'-11 1/2"
ST-100	8X70D14	19'-11 1/2"
BR-100	0.75_ROD	2'-0"
BR-101	0.75_ROD	18'-7 1/2"
BR-102	0.75_ROD	19'-7"
BR-103	0.75_ROD	3'-9 1/2"
BR-104	0.75_ROD	20'-0"
BLDG_C		
EB-201A	W8661	TBD
EB-202A	W8661	TBD
EB-206A	W8661	TBD
SB-200	W8661	14'-6 1/2"
SB-201	W8661	8'-0 1/2"
P-200	825ZP14	15'-8 1/2"
P-201A	825ZP14	12'-0 1/2"
P-201B	825ZP14	9'-10 1/2"
P-202	8x35C16	6'-7 1/2"
E-200A	160845E1	7'-8 1/2"
E-201	160845E1	13'-6 1/2"
E-202	8x35C16	7'-4 1/2"
E-203A	160845E1	8'-0 1/2"
BLDG_D		
EB-300A	W8661	TBD
EB-302A	W8661	TBD
SB-300	W8661	14'-6 1/2"
SB-301	W8661	8'-0 1/2"
P-300A	825ZP16	12'-0 1/2"
P-301	825ZP16	15'-8 1/2"
P-302	8x35C16	6'-7 1/2"
P-303A	825ZP16	8'-0 1/2"
E-300A	160845E1	7'-8 1/2"
E-301	160845E1	14'-2 1/2"
E-302	8x35C16	7'-4 1/2"
E-303A	160845E1	8'-0 1/2"
BLDG_E		
P-400	825ZP14	12'-1 1/2"
E-400	160845E1	14'-2"
BR-402	0.50_ROD	14'-10 1/2"
BR-403	0.50_ROD	15'-1"
BR-404	0.50_ROD	17'-8"

NOTES:
1. A DESIGN COLLATERAL LOAD OF 5 PSF HAS BEEN INCLUDED. AT BUILDING A ONLY, AN ADDITIONAL 3 PSF COLLATERAL HAS BEEN INCLUDED FOR SOLAR PANELS. THE DESIGN COLLATERAL LOAD COVERS ANY DEAD LOAD THAT IS SUPERIMPOSED ON THE P.E.M.B. BUILDING ROOF, SUCH AS SOLAR PANELS, LIGHTING, SPRINKLERS, MECHANICAL DUCTWORK, SUSPENDED CEILINGS, ETC. IT IS THE BUYER'S RESPONSIBILITY TO ENSURE THAT THE ACTUAL COLLATERAL LOAD DOES NOT EXCEED THE DESIGN COLLATERAL LOAD.
2. MAXIMUM 3'–0" WIDE X 3'–0" LONG X 3'–0" TALL MECHANICAL UNITS BY OTHERS. UNIT WEIGHT (INCLUDING CURB, FLASHING, ETC.) NOT TO EXCEED 300 LBS EACH. ATTACHMENT OF MECHANICAL UNITS TO THE P.E.M.B. BUILDING SHALL BE BY OTHERS. THE BUYER SHALL ENSURE THAT THE MECHANICAL UNIT LOAD IS TRANSFERRED TO THE 3–PLATE SUPPORT BEAMS.
3. ADDITIONAL SEISMIC WEIGHT HAS BEEN INCLUDED FOR PARTITION WALLS AND MECHANICAL MEZZANINE AS FOLLOWS:
   - 32 KIPS BETWEEN GRIDLINES 2.9/A & 5.1/C
   - 11.5 KIPS IN BUILDING B
   - 7 KIPS IN BUILDING C
   - 10.7 KIPS IN BUILDING D

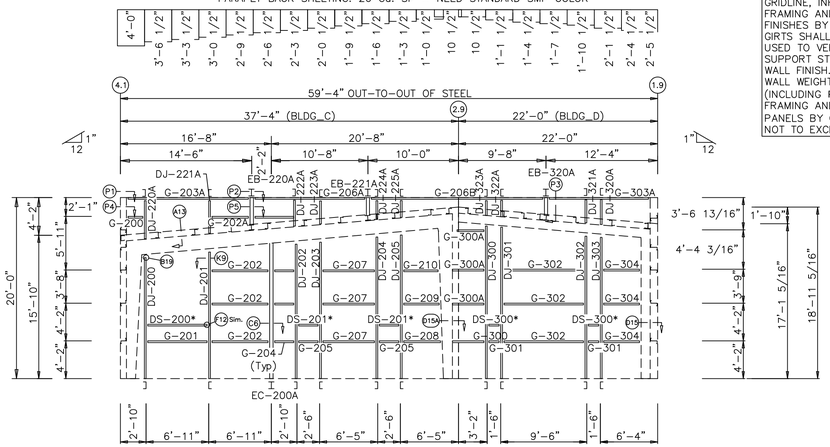
   METAL BUILDING DESIGN ASSUMES THAT THE SEISMIC WEIGHT IS DISTRIBUTED OVER THE FLOOR PLAN AREA. IT IS THE BUYER'S RESPONSIBILITY TO ENSURE THAT THE LATERAL LOADS ARE TRANSFERRED TO THE METAL BUILDING LFRS.
4. ADDITIONAL SEISMIC WEIGHT OF 1.5 KIPS IS INCLUDED AT GRIDLINE A.9/0.9 & A.9/5.1 FOR WINGWALLS BY OTHERS.
5. ALL FUTURE ADDITIONS SHALL BE SELF–SUPPORTING AND NOT RELY ON THE METAL BUILDING FOR SUPPORT OR STABILITY.
6. ANY MEZZANINE OR TWO–STORY CONSTRUCTION BY OTHERS, IF ANY, SHALL BE SELF–SUPPORTING AND NOT RELY ON THE METAL BUILDING FOR SUPPORT OR STABILITY.
7. INTERIOR MECHANICAL PLATFORMS BY OTHERS SHALL BE ATTACHED TO STUDWALL FRAMING BELOW AND SHALL NOT BE SUSPENDED FROM THE METAL BUILDING PURLINS OR RAFTERS. MECHANICAL PLATFORMS SHALL BE DESIGNED AND PROVIDED BY OTHERS (NOT BY P.E.M.B.)
8. CONNECTION OF ALL NON–P.E.M.B. ELEMENTS TO THE METAL BUILDING SHALL BE DESIGNED BY OTHERS.

DESIGNED BY: CC
DRAWN BY: JAH
DATE: 6/13/24
DETAILED BY:
JOB NO. E24
SHEET NO. 3
DETAILED DATE
SCALE: NONE

PORTERVILLE COLLEGE
100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257

NO.	REVISED:	BY:	DATE:
1	PER CHANGE ORDER #1	JAH	9/15/25

APPROVAL SET (PERMIT USE ONLY)

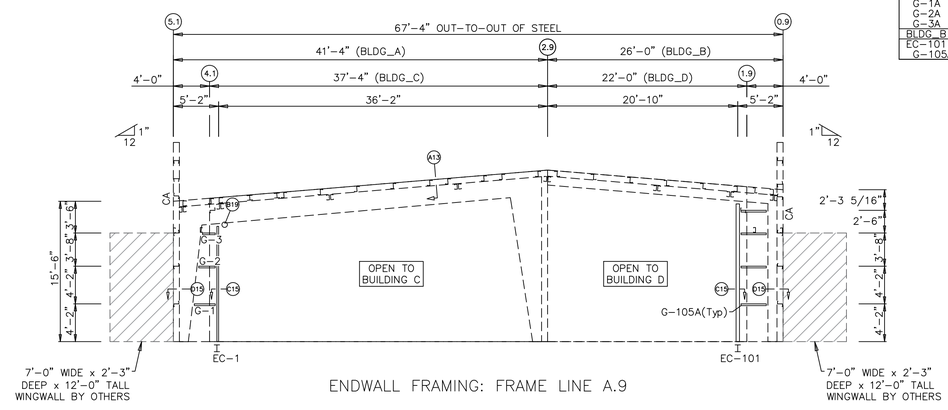


ENDWALL FRAMING: FRAME LINE A

*SILL LOCATED AT 6'-0" A.F.F.

NOTE: AT THIS GRIDLINE, INFILL FRAMING AND INTERIOR FINISHES BY OTHERS. GIRTS SHALL NOT BE USED TO VERTICALLY SUPPORT STUDS OR WALL FINISH. TOTAL WALL WEIGHT (INCLUDING P.E.M.B. FRAMING AND EXTERIOR PANELS BY OTHERS) NOT TO EXCEED 10 PSF.

MEMBER TABLE FRAME LINE A		
MARK	PART	LENGTH
BLDG_C		
EB-220A	W8661	TBD
EB-221A	W8661	TBD
EC-200A	W8541	TBD
DJ-200	C8x18.75	13'-8 1/2"
DJ-201	C8x18.75	14'-3 7/8"
DJ-202	C8x18.75	15'-2 1/4"
DJ-203	C8x18.75	15'-4 7/8"
DJ-204	C8x18.75	15'-11 5/8"
DJ-205	C8x18.75	16'-2 5/16"
DJ-220A	C8x18.75	TBD
DJ-221A	C8x18.75	TBD
DJ-222A	C8x18.75	TBD
DJ-223A	C8x18.75	TBD
DJ-224A	C8x18.75	TBD
DJ-225A	C8x18.75	TBD
DS-200	8x35C12	6'-11"
DS-201	8x35C12	2'-6"
G-200	825ZG14	1'-10"
G-201	825ZG14	6'-10 1/2"
G-202	825ZG14	6'-4 1/2"
G-202A	825ZG14	TBD
G-203A	C8x18.75	TBD
G-204	825ZG14	2'-3 1/2"
G-205	825ZG14	2'-5 1/2"
G-206A	C8x18.75	TBD
G-206B	C8x18.75	TBD
G-207	825ZG14	5'-9 1/2"
G-208	825ZG14	4'-2 9/16"
G-209	825ZG14	4'-0 7/8"
G-210	825ZG14	3'-11 3/8"
BLDG_D		
EB-320A	W8661	TBD
DJ-300	C8x18.75	TBD
DJ-301	C8x18.75	TBD
DJ-302	C8x18.75	16'-0 7/8"
DJ-303	C8x18.75	15'-11 3/8"
DJ-320A	C8x18.75	TBD
DJ-321A	C8x18.75	TBD
DJ-322A	C8x18.75	TBD
DJ-323A	C8x18.75	TBD
DS-300	10x25C12	1'-6"
G-300A	1025ZG16	TBD
G-301	1025ZG16	1'-5 1/2"
G-302	1025ZG16	8'-10 1/2"
G-303A	C8x18.75	TBD
G-304	1025ZG16	4'-1 1/4"

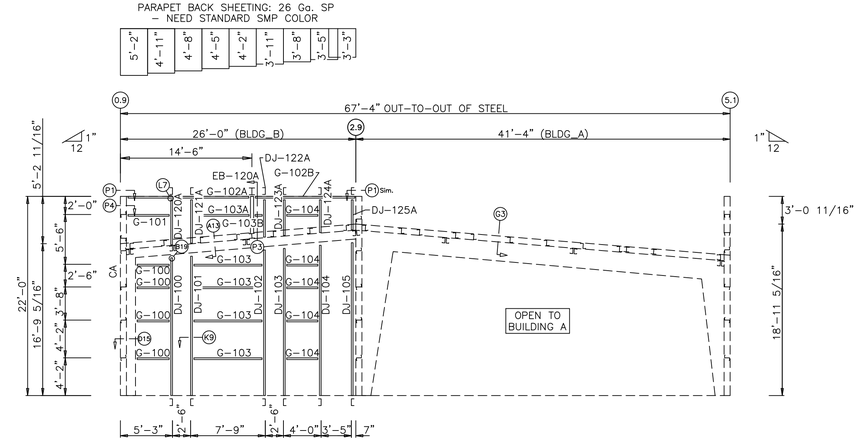


ENDWALL FRAMING: FRAME LINE A.9

MEMBER TABLE FRAME LINE A.9		
MARK	PART	LENGTH
BLDG_A		
EC-1	W8541	13'-0 1/
G-1A	825ZG14	2'-8 7/
G-2A	825ZG14	2'-2 1/
G-3A	825ZG14	1'-9 5/
BLDG_B		
EC-101	W8541	15'-6"
G-105A	825ZG16	3'-2 1/

NOTE: AT THIS GRIDLINE, INFILL FRAMING AND INTERIOR FINISHES BY OTHERS. GIRTS SHALL NOT BE USED TO VERTICALLY SUPPORT STUDS OR WALL FINISH. TOTAL WALL WEIGHT (INCLUDING P.E.M.B. FRAMING AND EXTERIOR PANELS BY OTHERS) NOT TO EXCEED 10 PSF.

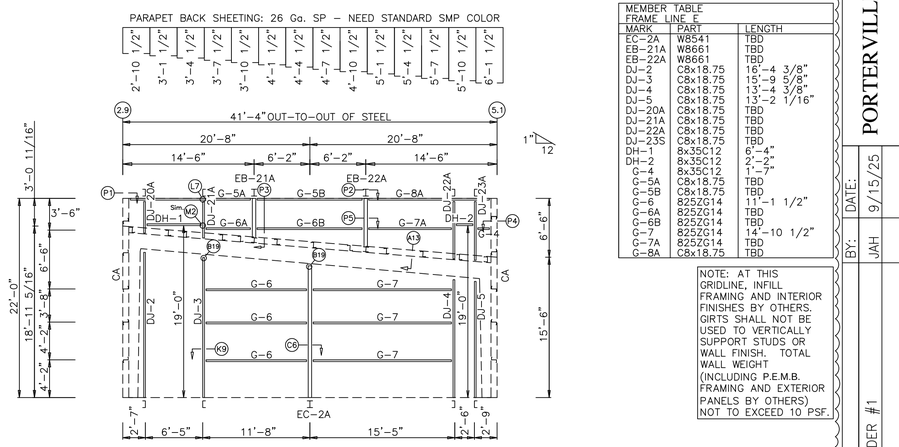
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025



ENDWALL FRAMING: FRAME LINE C

MEMBER TABLE FRAME LINE C		
MARK	PART	LENGTH
EB-120A	W8661	TBD
DJ-100	C8x18.75	15'-6 1/4"
DJ-101	C8x18.75	15'-8 1/4"
DJ-102	C8x18.75	16'-4 1/2"
DJ-103	C8x18.75	16'-6 1/2"
DJ-104	C8x18.75	16'-10 11/16"
DJ-105	C8x18.75	17'-2"
DJ-120A	C8x18.75	TBD
DJ-121A	C8x18.75	TBD
DJ-122A	C8x18.75	TBD
DJ-123A	C8x18.75	TBD
DJ-124A	C8x18.75	TBD
DJ-125A	C8x18.75	TBD
G-100	825ZG16	3'-2 1/4"
G-101	825ZG16	4'-3"
G-102A	C8x18.75	TBD
G-102B	C8x18.75	TBD
G-103	825ZG16	7'-1 1/2"
G-103A	825ZG16	TBD
G-103B	825ZG16	TBD
G-104	825ZG16	3'-4 1/2"

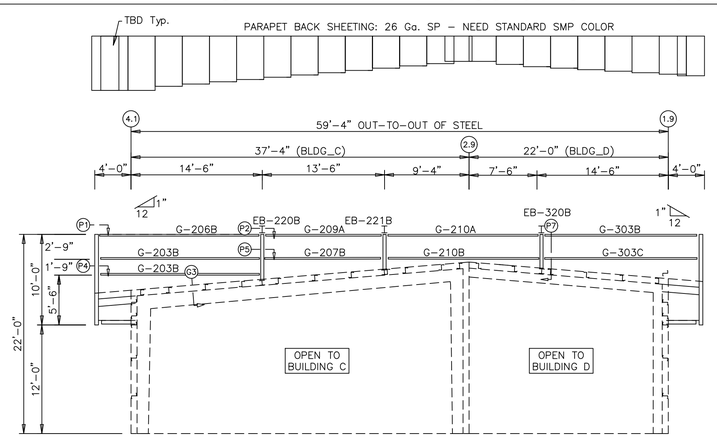
NOTE: AT THIS GRIDLINE, INFILL FRAMING AND INTERIOR FINISHES BY OTHERS. GIRTS SHALL NOT BE USED TO VERTICALLY SUPPORT STUDS OR WALL FINISH. TOTAL WALL WEIGHT (INCLUDING P.E.M.B. FRAMING AND EXTERIOR PANELS BY OTHERS) NOT TO EXCEED 10 PSF.



ENDWALL FRAMING: FRAME LINE E

MEMBER TABLE FRAME LINE E		
MARK	PART	LENGTH
EC-2A	W8541	TBD
EB-21A	W8661	TBD
EB-22A	W8661	TBD
DJ-2	C8x18.75	16'-4 3/8"
DJ-3	C8x18.75	15'-9 5/8"
DJ-4	C8x18.75	13'-4 3/8"
DJ-5	C8x18.75	13'-2 1/16"
DJ-20A	C8x18.75	TBD
DJ-21A	C8x18.75	TBD
DJ-22A	C8x18.75	TBD
DJ-23S	C8x18.75	TBD
DH-1	8x35C12	6'-4"
DH-2	8x35C12	2'-2"
G-4	8x35C12	1'-7"
G-5A	C8x18.75	TBD
G-5B	C8x18.75	TBD
G-6	825ZG14	11'-1 1/2"
G-6A	825ZG14	TBD
G-6B	825ZG14	TBD
G-7	825ZG14	14'-10 1/2"
G-7A	825ZG14	TBD
G-8A	C8x18.75	TBD

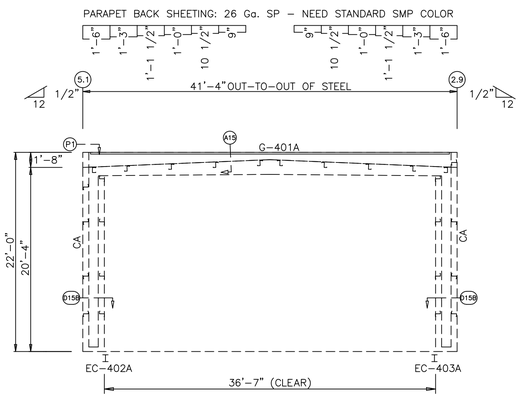
NOTE: AT THIS GRIDLINE, INFILL FRAMING AND INTERIOR FINISHES BY OTHERS. GIRTS SHALL NOT BE USED TO VERTICALLY SUPPORT STUDS OR WALL FINISH. TOTAL WALL WEIGHT (INCLUDING P.E.M.B. FRAMING AND EXTERIOR PANELS BY OTHERS) NOT TO EXCEED 10 PSF.



ENDWALL FRAMING: FRAME LINE A.6

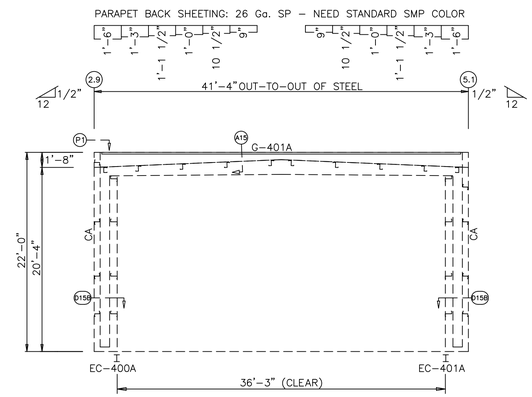
MEMBER TABLE FRAME LINE A		
MARK	PART	LENGTH
BLDG_C		
EB-221B	W8661	TBD
G-203B	825ZG12	17'-6 1/2"
G-206B	C8x18.75	17'-6 1/2"
G-207B	8x35C12	13'-0 1/2"
G-209A	C8x18.75	13'-0 1/2"
G-210A	C8x18.75	16'-10 1/2"
G-210B	825ZG12	16'-10 1/2"
BLDG_D		
EB-320B	W8661	TBD
G-303B	C8x18.75	17'-6 1/2"
G-303C	825ZG12	17'-6 1/2"

MEMBER TABLE FRAME LINE F		
MARK	PART	LENGTH
G-401A	C8x18.75	39'-11 1/2"



ENDWALL FRAMING: FRAME LINE F

MEMBER TABLE FRAME LINE G		
MARK	PART	LENGTH
G-401A	C8x18.75	39'-11 1/2"



ENDWALL FRAMING: FRAME LINE G

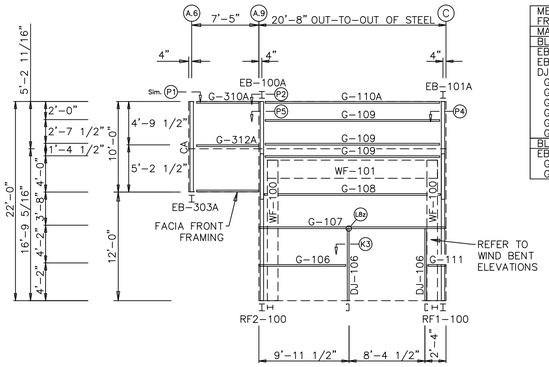
DESIGNED BY: CC
DRAWN BY: JAH
DATE: 6/13/24
DETAILED BY:

JOB NO: E24
SHEET NO:
DETAILED DATE
SCALE: NONE

PORTERVILLE COLLEGE
100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257

NO.:	REVISED:	BY:	DATE:
1	PER CHANGE ORDER #1	JAH	9/15/25

APPROVAL SET (PERMIT USE ONLY)



BOLT TABLE
FRAME LINE 0.9

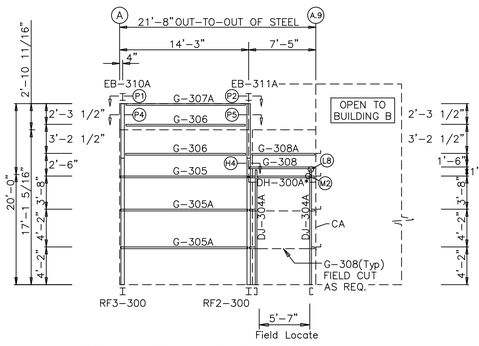
LOCATION	QUAN	TYPE	DIA	LENGTH
EB-100A	8	A325	3/4"	2"
EB-101A	8	A325	3/4"	2"
WF-100 – WF-101	8	A325	3/4"	2 1/4"
WF-100 – RF2-100	8	A325	3/4"	1 3/4"
WF-100 – RF1-100	8	A325	3/4"	1 3/4"

MEMBER TABLE
FRAME LINE 0.9

MARK	PART	LENGTH
BLDG_B		
EB-100A	W8661	TBD
EB-101A	W8661	TBD
DJ-106	8x35C12	8'-4"
G-106	825ZG14	9'-7 1/2"
G-107	825ZG14	20'-7 1/2"
G-108	825ZG14	20'-7 1/2"
G-109	825ZG14	19'-5 1/2"
G-110A	C8x18.75	20'-7 1/2"
G-111	825ZG14	2'-0"
BLDG_D		
EB-303A	W8661	10'-0"
G-310A	C8x18.75	7'-3 13/16"
G-312A	8x35C16	7'-3 13/16"

NOTE: AT THIS GRIDLINE, INFILL FRAMING AND INTERIOR FINISHES BY OTHERS. GIRTS SHALL NOT BE USED TO VERTICALLY SUPPORT STUDS OR WALL FINISH. TOTAL WALL WEIGHT (INCLUDING P.E.M.B. FRAMING AND EXTERIOR PANELS BY OTHERS) NOT TO EXCEED 10 PSF.

SIDEWALL FRAMING: FRAME LINE 0.9



BOLT TABLE
FRAME LINE 1.9

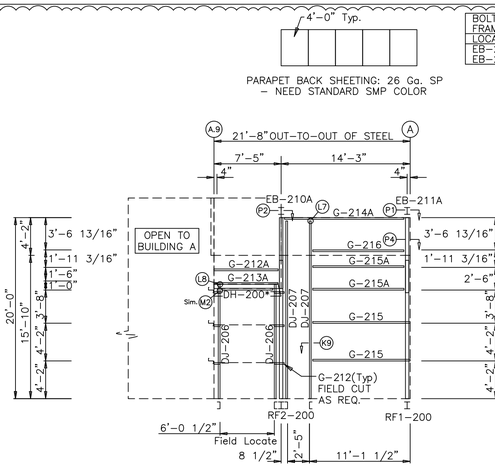
LOCATION	QUAN	TYPE	DIA	LENGTH
EB-310A	8	A325	3/4"	2"
EB-311A	8	A325	3/4"	2"

MEMBER TABLE
FRAME LINE 1.9

MARK	PART	LENGTH
EB-310A	W8661	TBD
EB-311A	W8661	TBD
DJ-304A	8x35C12	13'-0"
DH-300A	8x35C12	5'-7"
G-305	825ZG14	14'-2 1/2"
G-305A	825ZG14	14'-7 1/2"
G-306	825ZG16	13'-5 1/2"
G-307A	C8x18.75	13'-4 1/2"
G-308	825ZG16	7'-4 1/2"
G-308A	825ZG16	7'-1 1/2"

NOTE: AT THIS GRIDLINE, INFILL FRAMING AND INTERIOR FINISHES BY OTHERS. GIRTS SHALL NOT BE USED TO VERTICALLY SUPPORT STUDS OR WALL FINISH. TOTAL WALL WEIGHT (INCLUDING P.E.M.B. FRAMING AND EXTERIOR PANELS BY OTHERS) NOT TO EXCEED 10 PSF.

SIDEWALL FRAMING: FRAME LINE 1.9
*HEADER AT 12'-0" A.F.F.



BOLT TABLE
FRAME LINE 4.1

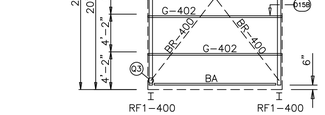
LOCATION	QUAN	TYPE	DIA	LENGTH
EB-210A	8	A325	3/4"	2"
EB-211A	8	A325	3/4"	2"

MEMBER TABLE
FRAME LINE 4.1

MARK	PART	LENGTH
EB-210A	W8661	TBD
EB-211A	W8661	TBD
DJ-206	C8x18.75	13'-0"
DJ-207	C8x18.75	16'-5 1/2"
DH-200	8x35C12	6'-0 1/2"
G-212	825ZG14	7'-9 1/2"
G-212A	825ZG14	7'-6 1/2"
G-213A	825ZG14	7'-6 1/2"
G-214A	C8x18.75	13'-4 1/2"
G-215	825ZG14	10'-9 1/2"
G-215A	825ZG14	10'-2 1/2"
G-216	825ZG14	10'-2 1/2"
G-218	8x35C16	8'-4 1/2"
G-220	8x35C16	6'-7 1/2"

NOTE: AT THIS GRIDLINE, INFILL FRAMING AND INTERIOR FINISHES BY OTHERS. GIRTS SHALL NOT BE USED TO VERTICALLY SUPPORT STUDS OR WALL FINISH. TOTAL WALL WEIGHT (INCLUDING P.E.M.B. FRAMING AND EXTERIOR PANELS BY OTHERS) NOT TO EXCEED 10 PSF.

SIDEWALL FRAMING: FRAME LINE 4.1
*HEADER AT 12'-0" A.F.F.



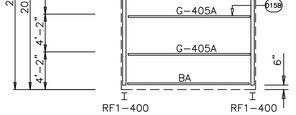
BOLT TABLE
FRAME LINE 2.9

LOCATION	QUAN	TYPE	DIA	LENGTH
EB-401A	8	A325	3/4"	2"
EB-402A	8	A325	3/4"	2"

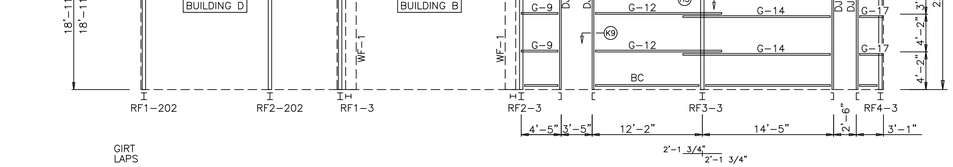
MEMBER TABLE
FRAME LINE 2.9

MARK	PART	LENGTH
EB-401A	W8641	TBD
EB-402A	W8641	TBD
G-402	825ZG16	14'-9 1/2"
G-403A	8x35C16	13'-7 1/2"
G-404A	825ZG16	13'-7 1/2"
G-405A	825ZG16	13'-5 1/2"
BR-400	0.63_ROD	20'-0"
BR-401	0.63_ROD	3'-11"

SIDEWALL FRAMING: FRAME LINE 2.9
BUILDING E



INTERIOR SIDEWALL FRAMING: FRAME LINE 2.9
BUILDING E



BOLT TABLE
FRAME LINE 2.9

LOCATION	QUAN	TYPE	DIA	LENGTH
BLDG_A				
EB-1A	8	A325	3/4"	2"
EB-2A	8	A325	3/4"	2"
EB-3A	8	A325	3/4"	2"
WF-1 – WF-2	8	A325	1"	3"
WF-1 – RF1-3	8	A325	3/4"	1 3/4"
WF-1 – RF2-3	8	A325	3/4"	1 3/4"

MEMBER TABLE
FRAME LINE 2.9

MARK	PART	LENGTH
BLDG_A		
EB-1A	W8661	TBD
EB-2A	W8661	TBD
EB-3A	W8661	TBD
DJ-1	C8x18.75	19'-6"
G-9	825ZG14	4'-5"
G-9A	8252G14	3'-10"
G-10	8252G14	3'-10"
G-11A	C8x18.75	19'-9"
G-12	8252G14	14'-0"
G-12A	8252G14	11'-7"
G-13	8252G14	11'-7"
G-14	8252G14	16'-3"
G-14A	8252G14	13'-10"
G-15	8252G14	13'-10"
G-16	C8x18.75	19'-9"
G-17	8252G14	2'-9"
G-17A	8252G14	2'-2"
G-18	8252G14	2'-2"

NOTE: AT THIS GRIDLINE, INFILL FRAMING AND INTERIOR FINISHES BY OTHERS. GIRTS SHALL NOT BE USED TO VERTICALLY SUPPORT STUDS OR WALL FINISH. TOTAL WALL WEIGHT (INCLUDING P.E.M.B. FRAMING AND EXTERIOR PANELS BY OTHERS) NOT TO EXCEED 10 PSF.

SIDEWALL FRAMING: FRAME LINE 2.9

BOLT TABLE
FRAME LINE 5.1

LOCATION	QUAN	TYPE	DIA	LENGTH
EB-400A	8	A325	3/4"	2"

MEMBER TABLE
FRAME LINE 2.9

MARK	PART	LENGTH
EB-400A	W8641	TBD
G-402	825ZG16	14'-9 1/2"
G-403A	C8x18.75	13'-7 1/2"
G-404A	825ZG16	13'-7 1/2"
G-405A	825ZG16	13'-5 1/2"
BR-400	0.63_ROD	20'-0"
BR-401	0.63_ROD	3'-11"

SIDEWALL FRAMING: FRAME LINE 5.1
BUILDING E

INTERIOR SIDEWALL FRAMING: FRAME LINE 5.1
BUILDING E

BOLT TABLE
FRAME LINE 5.1

LOCATION	QUAN	TYPE	DIA	LENGTH
EB-4A	8	A325	3/4"	2"
EB-5A	8	A325	3/4"	2"
EB-6A	8	A325	3/4"	2"
WF-3 – WF-4	8	A325	3/4"	2 3/4"
WF-3 – RF2-1	8	A325	3/4"	1 3/4"
WF-3 – RF1-1	8	A325	3/4"	1 3/4"

MEMBER TABLE
FRAME LINE 5.1

MARK	PART	LENGTH
EB-4A	W8661	TBD
EB-5A	W8661	TBD
EB-6A	W8661	TBD
DJ-6	C8x18.75	16'-1 1/8"
G-18A	825ZG14	1'-11"
G-19	825ZG14	14'-8"
G-19A	825ZG14	14'-1"
G-20	825ZG14	14'-1"
G-21	8x35C16	14'-1"
G-22A	C8x18.75	19'-9"
G-23	825ZG14	1'-11"
G-24	8x35C16	1'-11"
G-25	825ZG14	14'-1 1/2"
G-26A	825ZG14	11'-8"
G-27	825ZG14	11'-8"
G-28	8x35C16	11'-8"
G-29A	C8x18.75	19'-6 1/2"
G-30	8252G14	6'-7"
G-31A	8252G14	3'-9"
G-32	8252G14	3'-9"
G-33	8x35C16	3'-9"
G-34	8252G14	22'-5 1/2"
G-35A	8252G14	19'-5 1/2"
G-36	825ZG14	19'-5 1/2"
G-37	8x35C16	19'-5 1/2"
G-38A	C8x18.75	20'-1"
BLDG_A		
EB-207A	W8661	10'-0"
G-218A	C8x18.75	7'-2 1/2"
G-220A	8x35C16	7'-2 1/2"

NOTE: AT THIS GRIDLINE, INFILL FRAMING AND INTERIOR FINISHES BY OTHERS. GIRTS SHALL NOT BE USED TO VERTICALLY SUPPORT STUDS OR WALL FINISH. TOTAL WALL WEIGHT (INCLUDING P.E.M.B. FRAMING AND EXTERIOR PANELS BY OTHERS) NOT TO EXCEED 10 PSF.

SIDEWALL FRAMING: FRAME LINE 5.1

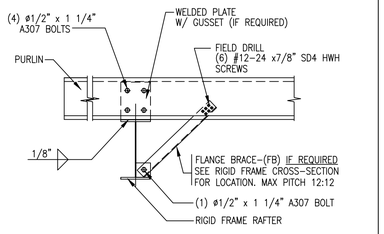
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

JOB NO: E24
SHEET NO:
SCALE: NONE
DETAILED DATE
DESIGNED BY: CC
DRAWN BY: JAH
DATE: 6/13/24
DETAILED BY:

PORTERVILLE COLLEGE
100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257

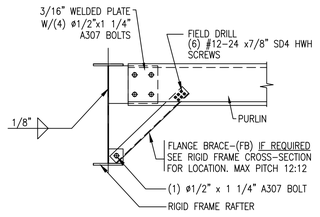
NO.:	REVISED:	BY:	DATE:
1	PER CHANGE ORDER #1	JAH	9/15/25

APPROVAL SET (PERMIT USE ONLY)



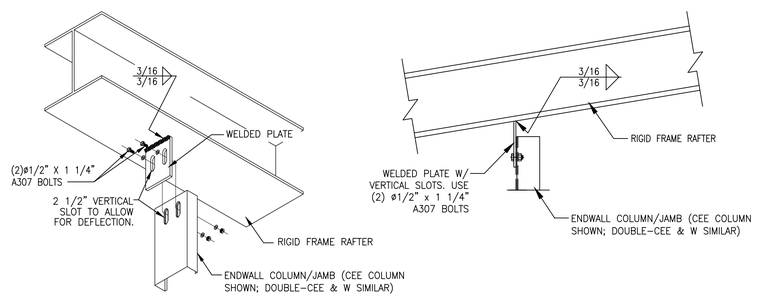
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

A13 PURLIN TO RIGID END FRAME RAFTER



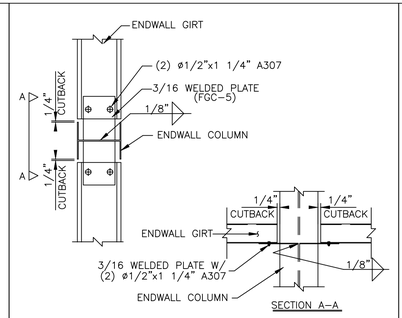
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

A15 PURLIN TO RIGID END FRAME RAFTER



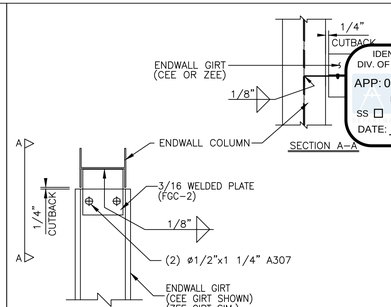
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

B19 RIGID FRAME RAFTER TO FLUSH LIGHT GAUGE COLUMN



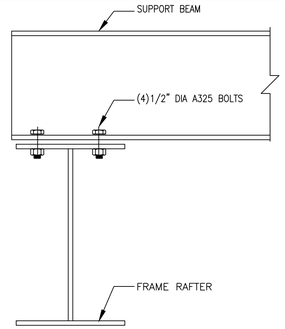
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

C6 GIRT TO WELDED-PLATE COLUMN AT ENDWALL

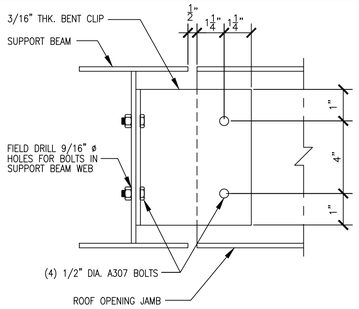


NOTE: USE (2) WASHERS PER BOLTED CONNECTION

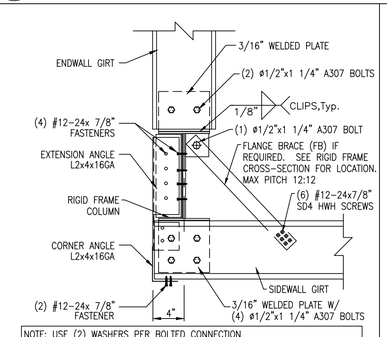
C15 ENDWALL COLUMN TO WALL GIRT



CDb CONNECTION TO SUPPORT BEAM

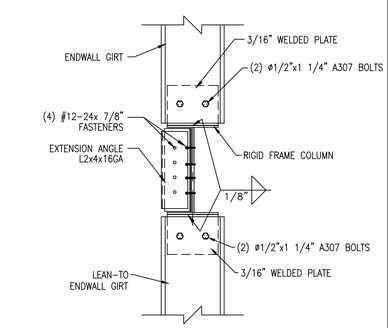


CF ROOF OPENING JAMB TO SUPPORT



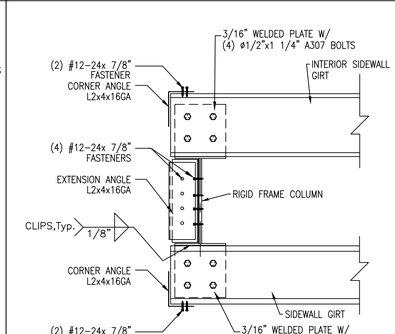
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

D15 GIRT TO RIGID FRAME CORNER COLUMN
FLUSH ENDWALL/BYPASS SIDEWALL



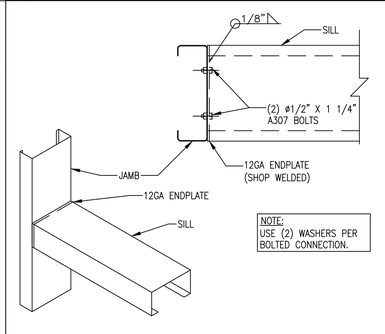
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

D15A GIRT TO RIGID FRAME CORNER COLUMN



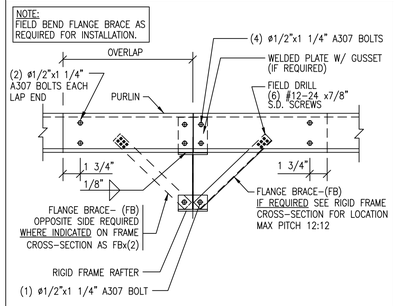
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

D15B GIRT TO RIGID FRAME CORNER COLUMN



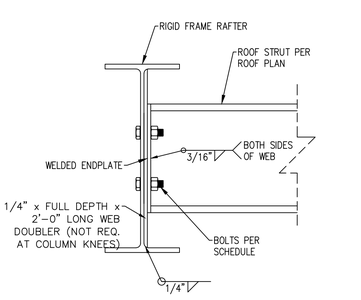
F12 SILL TO JAMB CONNECTION

NOTE:
FIELD BEND FLANGE BRACE AS REQUIRED FOR INSTALLATION.



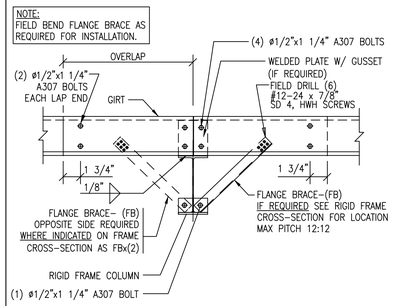
NOTE: USE (2) WASHERS FOR ALL PURLIN CONNECTIONS

G3 ROOF PURLIN TO INTERIOR RAFTER



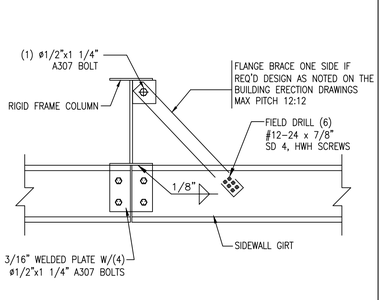
G20 FLUSH ROOF STRUT TO RAFTER

NOTE:
FIELD BEND FLANGE BRACE AS REQUIRED FOR INSTALLATION.



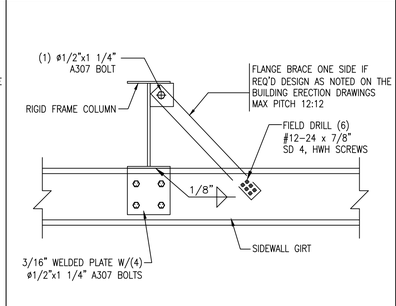
NOTE: USE (2) WASHERS FOR ALL PURLIN CONNECTIONS

H3 GIRT TO INTERIOR FRAME COLUMN



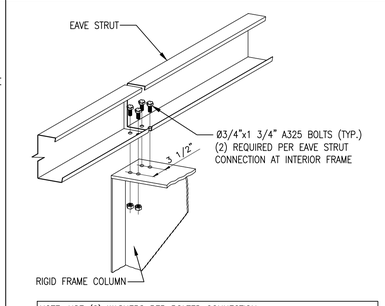
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

H4 WALL GIRT TO COLUMN



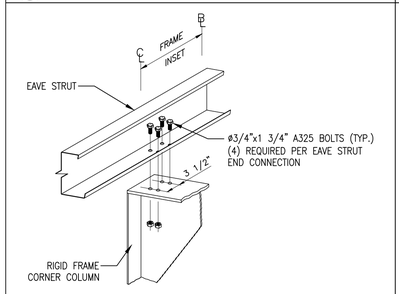
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

H4d WALL GIRT TO COLUMN



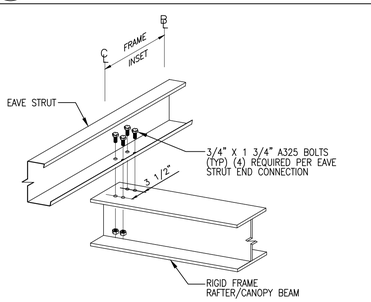
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

J1 EAVE STRUT CONNECTION (FLUSH) AT INTERIOR RIGID FRAME



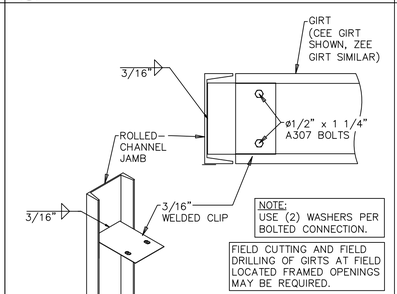
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

J23 EAVE STRUT CONNECTION (FLUSH) AT ENDWALL RIGID FRAME



NOTE: USE (2) WASHERS PER BOLTED CONNECTION

J23a EAVE STRUT CONNECTION AT ENDWALL RIGID FRAME



K9 GIRT TO ENDWALL COLUMN/JAMB CONNECTION

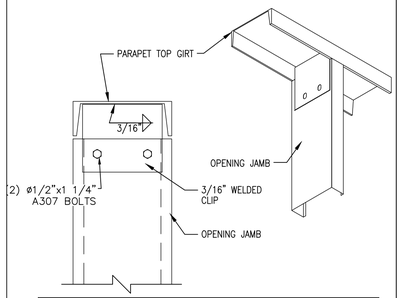
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

SCALE: NONE
DETAILED DATE
JOB # E24
SHEET #
DESIGNED BY: CC
DRAWN BY: JAH
DATE: 6/13/24
DETAILED BY:

PORTERVILLE COLLEGE
100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257

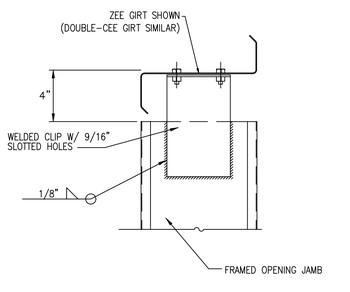
NO.	REVISED:	BY:	DATE:
1	PER CHANGE ORDER #1	JAH	9/15/25
2			
3			
4			
5			

APPROVAL SET (PERMIT USE ONLY)



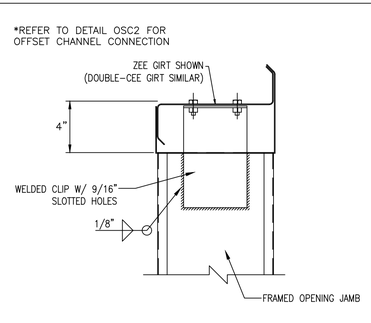
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

L7 JAMB TO PARAPET TOP GIRT



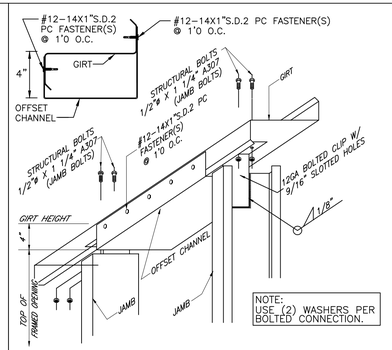
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

L8 JAMB TO GIRT CONNECTION



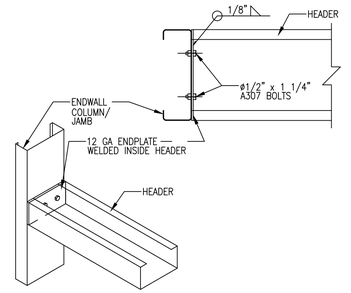
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

L8z JAMB TO GIRT CONNECTION



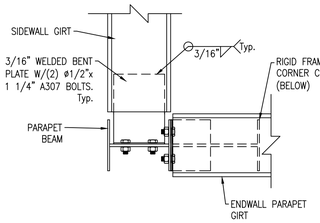
NOTE: USE (2) WASHERS PER BOLTED CONNECTION.

OSC2 OFFSET CHANNEL TO GIRT



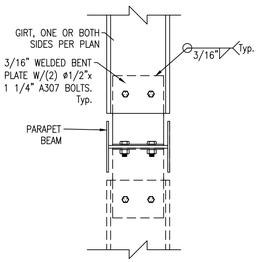
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

M2 HEADER TO ENDWALL COLUMN/ JAMB CONNECTION



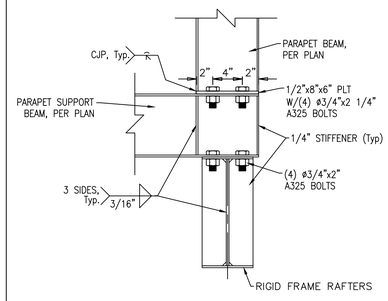
NOTE: USE (2) WASHERS PER BOLTED CONNECTION

P1 TOP GIRT TO PARAPET BEAM



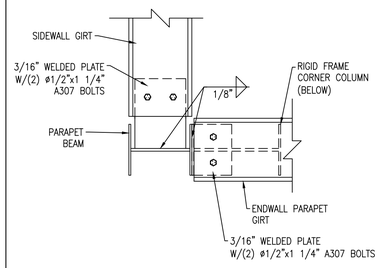
P2 TOP GIRT TO PARAPET BEAM

NOTE: USE (2) WASHERS PER BOLTED CONNECTION



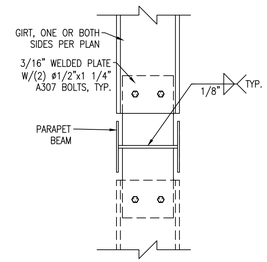
P3 PARAPET BEAM AT ENDWALL

NOTE: USE (1) WASHER PER BOLTED CONNECTION



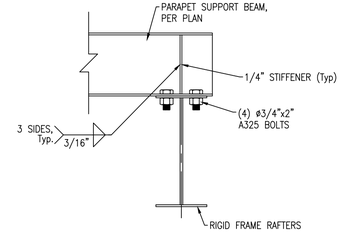
P4 INTERIOR GIRT TO PARAPET BEAM

NOTE: USE (2) WASHERS PER BOLTED CONNECTION



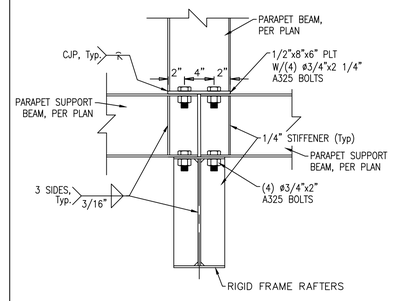
P5 INTERIOR GIRT TO PARAPET BEAM

NOTE: USE (2) WASHERS PER BOLTED CONNECTION



P6 PARAPET SUPPORT BEAM TO INT. RAFTER

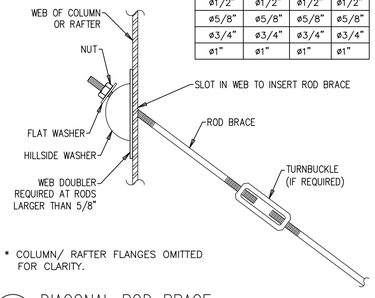
NOTE: USE (1) WASHER PER BOLTED CONNECTION



P7 PARAPET BEAM AT INTERIOR FRAME

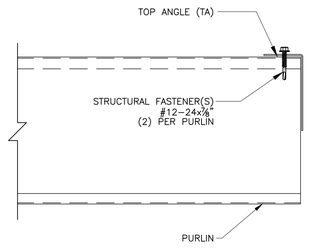
NOTE: USE (1) WASHER PER BOLTED CONNECTION

ROD SIZE	HILLSIDE WASHER	FLAT WASHER	HEX NUT
ø3/8"	ø1/2"	ø3/8"	ø3/8"
ø1/2"	ø1/2"	ø1/2"	ø1/2"
ø5/8"	ø5/8"	ø5/8"	ø5/8"
ø3/4"	ø3/4"	ø3/4"	ø3/4"
ø1"	ø1"	ø1"	ø1"

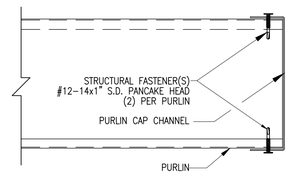


* COLUMN/ RAFTER FLANGES OMITTED FOR CLARITY.

Q3 DIAGONAL ROD BRACE



TA TOP ANGLE



PC PURLIN CAP DETAIL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

JOB NO: E24-0006
SHEET NO:
DETAILED DATE
SCALE: NONE

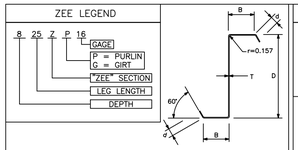
DESIGNED BY: CC
DRAWN BY: JAH
DATE: 6/13/24
DETAILED BY:

PORTERVILLE COLLEGE
100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257

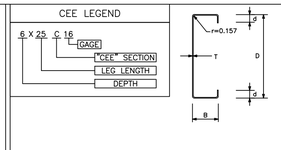
NO.:	REVISED:	BY:	DATE:
1	PER CHANGE ORDER #1	JAH	9/15/25
2			
3			
4			
5			

APPROVAL SET (PERMIT USE ONLY)

ZEE LEGEND



CEE LEGEND



ZEE SECTION----PROFILE AND DIMENSIONS

SECTION DEPTH & SIZE	DEPTH (D)IN.	RANGE (B)IN.	LIP (d)IN.	THICK (T)IN.
8x2.5 ZEE 16GA	8.000	2.500	0.6400	0.059
8x2.5 ZEE 14GA	8.000	2.500	0.6700	0.075
8x2.5 ZEE 12GA	8.000	2.500	0.7190	0.099
8x3.5 ZEE 16GA	8.000	3.500	0.6400	0.059
8x3.5 ZEE 14GA	8.000	3.500	0.6700	0.075
8x3.5 ZEE 12GA	8.000	3.500	0.7190	0.099
10x2.5 ZEE 16GA	10.000	2.500	0.6400	0.059
10x2.5 ZEE 14GA	10.000	2.500	0.6700	0.075
10x2.5 ZEE 12GA	10.000	2.500	0.7190	0.099

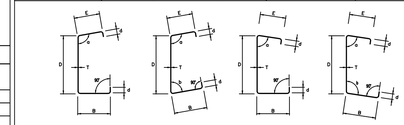
CEE SECTION----PROFILE AND DIMENSIONS

SECTION DEPTH & SIZE	DEPTH (D)IN.	RANGE (B)IN.	LIP (d)IN.	THICK (T)IN.
8x2.5 CEE 16GA	8.000	2.500	0.7190	0.059
8x2.5 CEE 14GA	8.000	2.500	0.7500	0.075
8x2.5 CEE 12GA	8.000	2.500	0.8120	0.099
8x3.5 CEE 16GA	8.000	3.500	0.7190	0.059
8x3.5 CEE 14GA	8.000	3.500	0.7500	0.075
8x3.5 CEE 12GA	8.000	3.500	0.8120	0.099
10x2.5 CEE 16GA	10.000	2.500	0.7190	0.059
10x2.5 CEE 14GA	10.000	2.500	0.7500	0.075
10x2.5 CEE 12GA	10.000	2.500	0.8120	0.099

SMP1 SECONDARY PROFILES

PITCH CODE TABLE

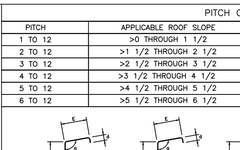
PITCH	APPLICABLE ROOF SLOPE	DEGREES (a)	DEGREES (b)
1 TO 12	>0 THROUGH 1 1/2	95	85
2 TO 12	>1 1/2 THROUGH 2 1/2	99	81
3 TO 12	>2 1/2 THROUGH 3 1/2	104	76
4 TO 12	>3 1/2 THROUGH 4 1/2	108	72
5 TO 12	>4 1/2 THROUGH 5 1/2	113	67
6 TO 12	>5 1/2 THROUGH 6 1/2	117	63



STRUT SECTION----PROFILE AND DIMENSIONS

SECTION DEPTH & SIZE	NOMINAL DEPTH (D)IN.	FLANGE (B)IN.	FLANGE (E)IN.	LIPS (d)IN.	THICK (T)IN.
8" E.S. 16GA	8.000	4.500	4.500	0.7500	0.059
8" E.S. 14GA	8.000	4.500	4.500	0.7500	0.075
8" E.S. 12GA	8.000	4.500	4.500	0.7500	0.099
10" E.S. 16GA	10.000	4.500	4.500	0.7500	0.059
10" E.S. 14GA	10.000	4.500	4.500	0.7500	0.075
10" E.S. 12GA	10.000	4.500	4.500	0.7500	0.099

EAVE STRUT LEGEND



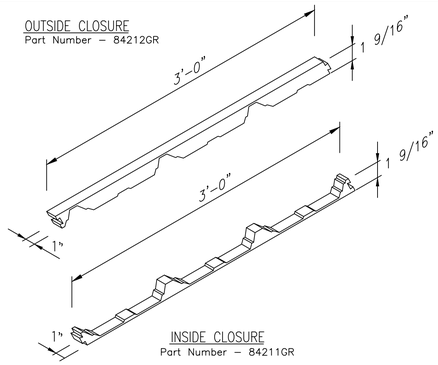
NOMINAL DEPTH		FLANGE WIDTH	
08	8"	45	4.5"
10	10"		
12	12"		

SLOPE			
1	1:12	5	5:12
2	2:12	6	6:12
3	3:12		
4	4:12		

EAVE STRUT TYPE	
L	LOW SIDE
H	HIGH SIDE

OUTSIDE CLOSURE

Part Number – 84212GR



INSIDE CLOSURE

Part Number – 84211GR

FASTENERS

DESCRIPTION:
#12 – 14
SELF DRILLING HEX HEAD FASTENER WITH WASHER
PART NO: SIZE:
82021XX 3/4"
82024XX 1 1/2"
82025XX 2"

DESCRIPTION:
1/4" – 14
SELF DRILLING HEX HEAD STITCH FASTENER WITH WASHER
PART NO: SIZE:
81551XX 7/8"

DESCRIPTION:
#8 – 18
SELF DRILLING HEX HEAD STITCH FASTENER WITH WASHER
PART NO: SIZE:
81581XX 1/2"

DESCRIPTION:
12 – 24
SELF DRILLING HEX HEAD FASTENER WITH WASHER
PART NO: SIZE:
8292109 7/8"

DESCRIPTION:
9 – 15
SHARP POINT HEX HEAD FASTENER WITH WASHER
PART NO: SIZE:
81091XX 1"
81092XX 1 1/2"
81094XX 2 1/2"

DESCRIPTION:
12 – 14
SHARP POINT HEX HEAD STITCH FASTENER WITH WASHER
PART NO: SIZE:
81521XX 3/4"

DESCRIPTION:
1/8" BLIND RIVET

PART NO: SIZE:
81511XX 3/16"

DESCRIPTION:
14 – 10 WOOD SCREW WOOD SCREW WITH WASHER
PART NO: SIZE:
81041XX 1"
81042XX 1 1/2"

DESCRIPTION:
10 – 12x1" WOOD PANCAKE

PART NO: SIZE:
8100109 1"

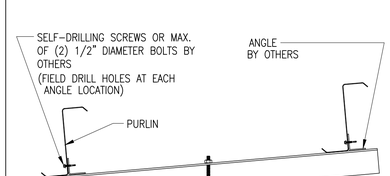
DESCRIPTION:
10 – 16x1" S.D. PANCAKE SCREW

PART NO: SIZE:
8200009 1"

BSP1 BASIC PARTS AND PIECES

P.E.M.B. SUPER PANEL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025



FLANGE WIDTH (B)

CODE:	SIZE:	CODE:	SIZE:
2	1"	7	7"
3	3"	8	8"
4	4"	9	9"
5	5"	0	10"
6	6"		

FLANGE THICKNESS (C)

CODE:	SIZE:	CODE:	SIZE:
1	1/16"	9	9/16"
2	1/8"	10	5/8"
3	3/16"	11	11/16"
4	1/4"	12	3/4"
5	5/16"	13	13/16"
6	3/8"	14	7/16"
7	7/16"	15	15/16"
8	1/2"		

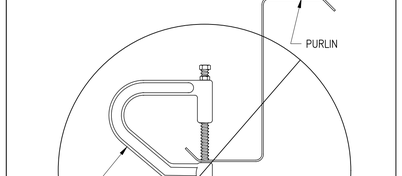
WEB THICKNESS (D)

CODE:	SIZE:	CODE:	SIZE:
1	10 GA	9	9/16"
2	8 GA	10	5/8"
3	3/16"	11	11/16"
4	1/4"	12	3/4"
5	5/16"	13	13/16"
6	3/8"	14	7/16"
7	7/16"	15	15/16"
8	1/2"		

WELDED PLATE LEGEND

W 10 6 4 1
- WEB THICKNESS
- FLANGE THICKNESS
- FLANGE WIDTH
- MEMBER DEPTH
- MEMBER TYPE (WELDED)

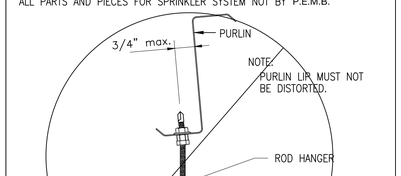
WPM1 WELDED PLATE MEMBER TABLE



TYPICAL CONNECTION AT GAPS:
1. REMOVE BOLTS AT ②, ③ AND ④ (LEAVE BOLTS AT ① FOR ALIGNMENT OF MEMBERS; SNUG TIGHT ONLY.
2. INSTALL SHIMS FROM OPEN END, FORCE UNTIL RESISTANCE. ADD LAYERS OF 16 GA GALV. SHIMS UNTIL REMAINING GAP IS LESS THAN 1/8".
3. MARK AND CUT SHIMS AS THEY ARE INSTALLED.
4. DRILL BOLT HOLES THRU SHIMS.
5. INSTALL BOLTS, WASHERS, NUTS – TENSION AS REQUIRED.

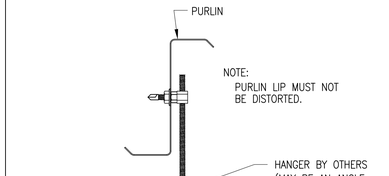
BOLT ø	"W"
3/4"	5"
1"	4"
1 1/4"	5"

RFS2 TYPICAL HAUNCH SHIMMING DETAILS



RFFC1 BEAM/COLUMN FLANGE CONNECTION

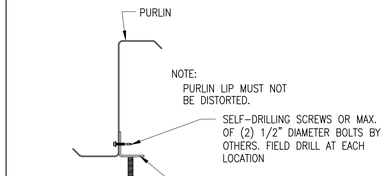
SECTION A–A



BOLT DIAMETER	DIMENSION W DIMENSION F
1/2"	7/8"
5/8"	1 1/16"
3/4"	1 1/4"
7/8"	1 7/16"

BOLT DIAMETER	DIMENSION W DIMENSION F
1"	1 5/8"
1 1/8"	1 13/16"
1 1/4"	2"
1 3/8"	2 3/16"
1 1/2"	2 3/8"

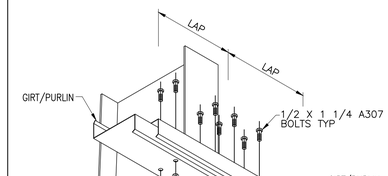
GE1 ASTM A325 BOLT/NUT IDENTIFICATION



BOLT DIAMETER	DIMENSION W DIMENSION F
1/2"	7/8"
5/8"	1 1/16"
3/4"	1 1/4"
7/8"	1 7/16"
1"	1 5/8"
1 1/8"	1 13/16"
1 1/4"	2"
1 3/8"	2 3/16"

BOLT DIAMETER	DIMENSION W DIMENSION F
1 1/2"	2 3/8"
1 3/4"	2 3/4"
2"	3 1/8"
2 1/4"	3 1/2"
2 1/2"	3 7/8"
2 3/4"	4 1/4"
3"	4 5/8"

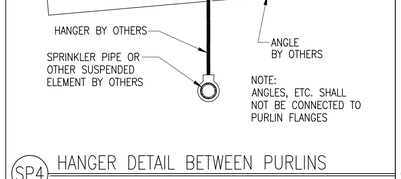
GE2 A307 BOLT/NUT IDENTIFICATION



NOTE: USE (2) WASHERS PER BOLTED CONNECTION

GBZ4 BYPASS GIRT

ALL PARTS AND PIECES FOR SPRINKLER SYSTEM NOT BY P.E.M.B.



SP4 HANGER DETAIL BETWEEN PURLINS

"NOT ALLOWED DETAIL"

SP5 HANGER DETAIL AT PURLINS

"NOT ALLOWED DETAIL"

SP10 HANGER DETAIL AT PURLINS

SP11 HANGER DETAIL AT PURLINS

SP12 HANGER DETAIL AT PURLINS

NOTE: USE (2) WASHERS PER BOLTED CONNECTION

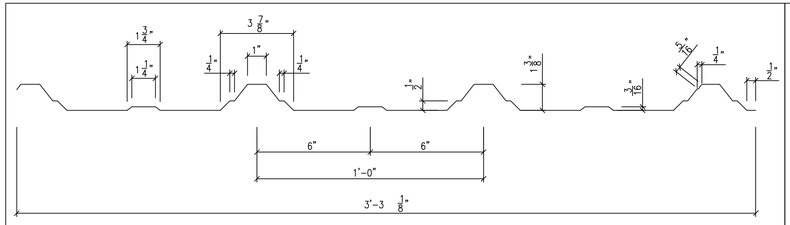
GBZ5 BYPASS GIRT/PURLIN

NO.:	REVISED:	BY:	DATE:
1	PER CHANGE ORDER #1	JAH	9/15/25

APPROVAL SET (PERMIT USE ONLY)

DESIGNED BY: CC
DRAWN BY: JAH
DETAILED BY:
DATE: 6/13/24
JOB NO: E24
SHEET NO:
DETAILED DATE
SCALE: NONE

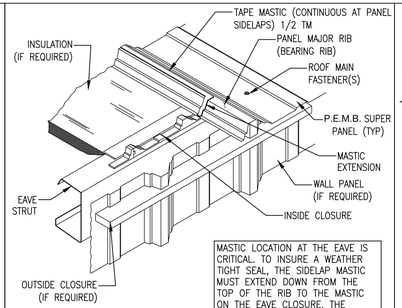
PORTERVILLE COLLEGE
100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257



NOTES:

1. STEEL STRENGTH VALUES ARE BASED ON A MINIMUM YIELD STRENGTH OF 50 KSI.
2. SHEET TO GIRT FASTENERS HAVE A 6" SPACING AT THE BASE, THE EAVE, THE GABLE AND A 12" SPACING AT INTERMEDIATE GIRTS.
3. SHEET TO PURLIN FASTENERS HAVE A 6" SPACING AT EAVE AND RIDGE AND A 12" SPACING AT INTERMEDIATE PURLINS.
4. WALL SHEET OVERLAP FASTENERS HAVE A 30" SPACING.
5. ROOF SHEET OVERLAP FASTENERS HAVE A 18" SPACING.
6. REFER TO DETAIL BSP4 FOR FASTENER SIZES AND LAYOUT.

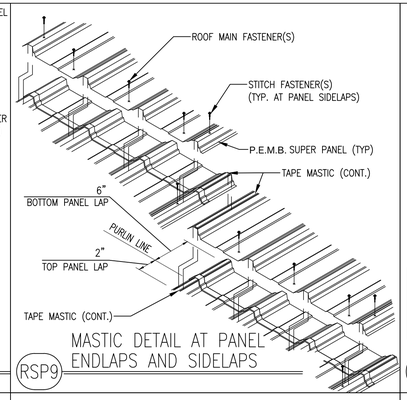
BSP2 P.E.M.B. SUPER PANEL SHEETING PROFILE



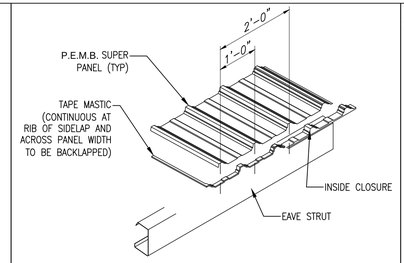
MASTIC LOCATION AT THE EAVE IS CRITICAL. TO INSURE A WEATHER TIGHT SEAL, THE SIDELAP MASTIC MUST EXTEND DOWN FROM THE TOP OF THE RIB TO THE MASTIC ON THE EAVE CLOSURE. THE MASTIC EXTENSION MUST SPLICE INTO THE EAVE MASTIC.

RSP6 EAVE DETAIL AT PANEL SIDELAP

P.E.M.B. SUPER PANEL AT ROOF



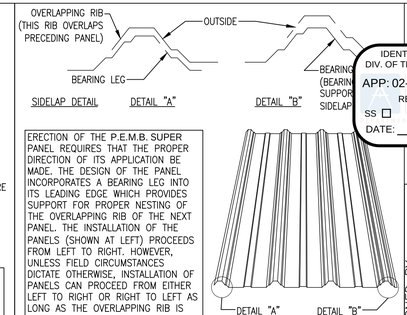
RSP9 MASTIC DETAIL AT PANEL ENDLAPS AND SIDELAPS



BACKLAPPING THE PANELS IS ROUTINELY DONE TO MATCH PANEL COVERAGE WITH THE BUILDING LENGTH. THIS IS DONE WITH THE LAST ROOF PANEL INSTALLED. THE PANEL MAY BE BACKLAPPED 1' OR 2' AS REQUIRED TO COMPLETE PANEL COVERAGE. WHEN BACKLAPPING PANELS, MASTIC MUST BE APPLIED BETWEEN THE TWO PANELS AT THE EAVE AND AT PANEL ENDLAPS AS SHOWN ABOVE.

RSP10 PANEL BACKLAPPING

P.E.M.B. SUPER PANEL AT ROOF



ERECTION OF THE P.E.M.B. SUPER PANEL REQUIRES THAT THE PROPER DIRECTION OF ITS APPLICATION BE MADE. THE DESIGN OF THE PANEL INCORPORATES A BEARING LEG INTO ITS LEADING EDGE WHICH PROVIDES SUPPORT FOR PROPER NESTING OF THE OVERLAPPING RIB OF THE NEXT PANEL. THE INSTALLATION OF THE PANELS (SHOWN AT LEFT) PROCEEDS FROM LEFT TO RIGHT. HOWEVER, UNLESS FIELD CIRCUMSTANCES DICTATE OTHERWISE, INSTALLATION OF PANELS CAN PROCEED FROM EITHER LEFT TO RIGHT OR RIGHT TO LEFT AS LONG AS THE OVERLAPPING RIB IS LAPPED OVER THE BEARING RIB.

P.E.M.B. SUPER PANEL

RSP11 SIDELAP DETAILS

P.E.M.B. SUPER PANEL AT ROOF

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122754 INC:
REVIEWED FOR
SS ☐ FLS ☐ ACS ☑
DATE: 12/11/2025

JOB # E24

SHEET # 6

SCALE: NONE

DETAILED DATE

DESIGNED BY: CC

DRAWN BY: JAH

DATE: 6/13/24

DETAILED BY:

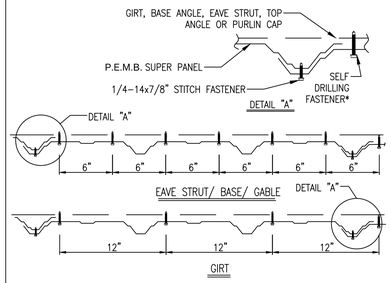
PORTERVILLE COLLEGE

100 E. COLLEGE AVENUE
PORTERVILLE, CA 93257

NO.	REVISED:	BY:	DATE:
1	PER CHANGE ORDER #1	JAH	9/15/25

APPROVAL SET (PERMIT USE ONLY)

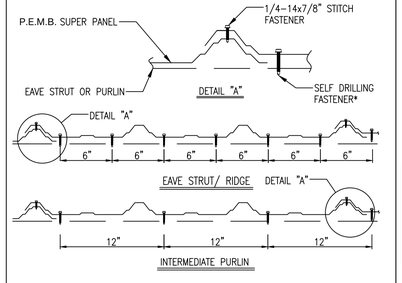
* NOTE:
1. USE #12-14 x 3/4" S.D. FASTENER W/ NEOPRENE WASHER FOR NO INSULATION.
2. USE #12-14 x 1 1/2" S.D. FASTENER W/ NEOPRENE WASHER FOR 3" & 4" INSULATION.
3. USE #12-14 x 2" S.D. FASTENER W/ NEOPRENE WASHER FOR 6" INSULATION.



BSP4 FASTENER LAYOUT

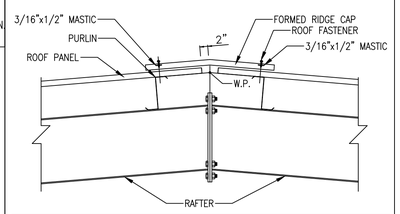
P.E.M.B. SUPER PANEL AT WALLS

* NOTE:
1. USE #12-14 x 3/4" S.D. FASTENER W/ NEOPRENE WASHER FOR NO INSULATION.
2. USE #12-14 x 1 1/2" S.D. FASTENER W/ NEOPRENE WASHER FOR 3" & 4" INSULATION.
3. USE #12-14 x 2" S.D. FASTENER W/ NEOPRENE WASHER FOR 6" INSULATION.



BSP9 FASTENER LAYOUT

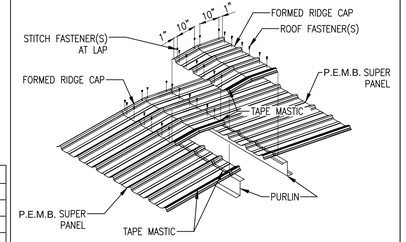
P.E.M.B. SUPER PANEL AT ROOF



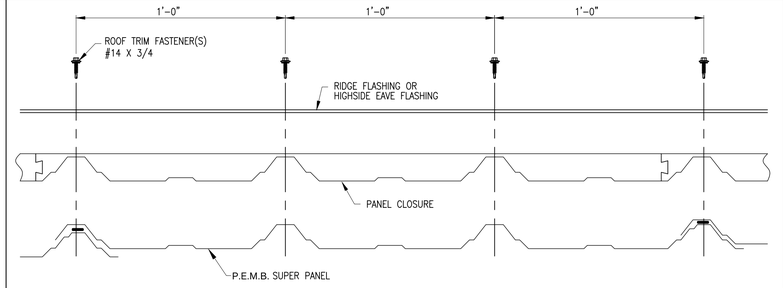
ITEM/ PART NO.	DESCRIPTION
#12-14x3/4" S.D. SCREW	FASTENER NO INSULATION
#12-14x1 1/2" S.D. SCREW	FASTENER 3" AND 4" INSULATION
#12-14x2" S.D. SCREW	FASTENER 6" INSULATION
61100xx	FORMED RIDGE CAP – BP
61200xx	FORMED RIDGE CAP – BSP

RRF1 RIDGE FLASHING

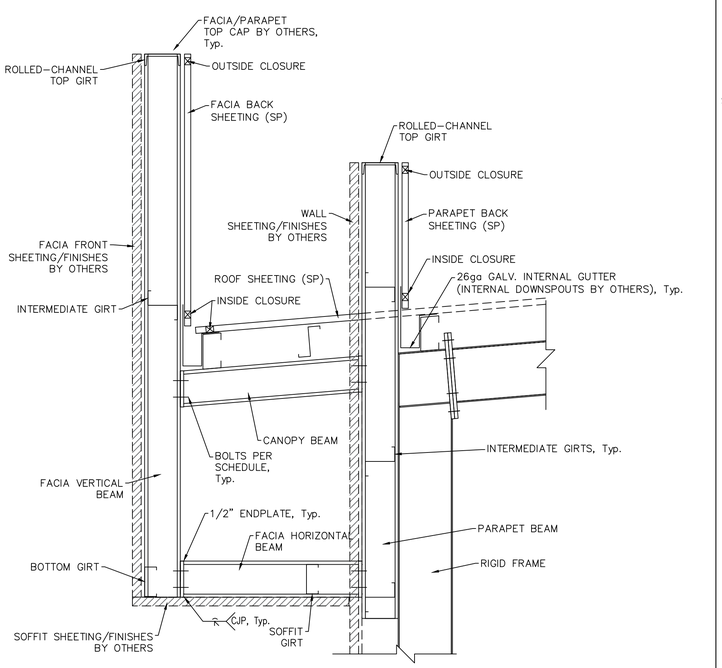
FORMED RIDGE CAP FOR ROOF PITCHES UP TO 2 1/2:12



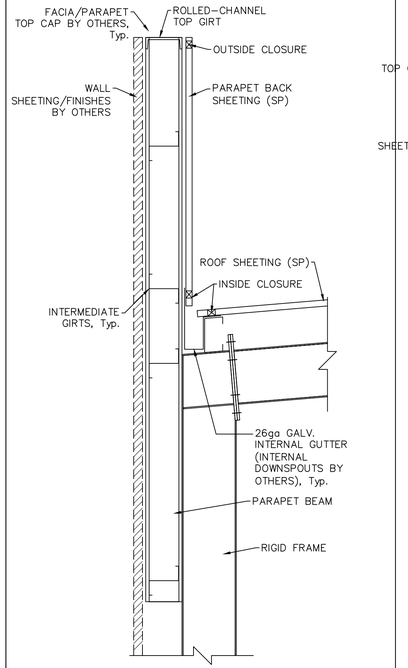
RRF4 FORMED RIDGE CAP INSTALLATION



RRF5 RIDGE FLASHING OR HIGH SIDE EAVE ATTACHMENT

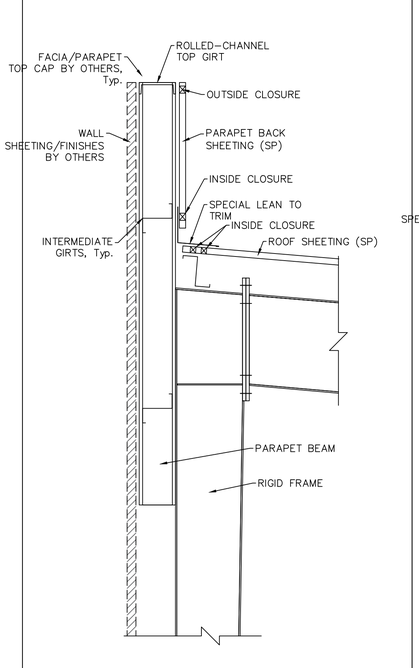


FS1 FACIA SECTION



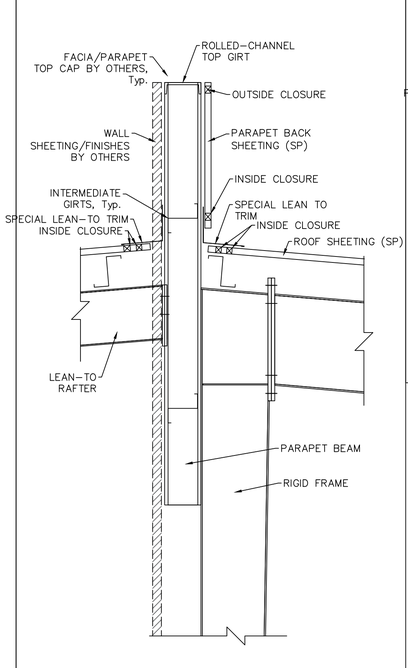
FS1 PARAPET SECTION @ SIDEWALL

LOWSIDE



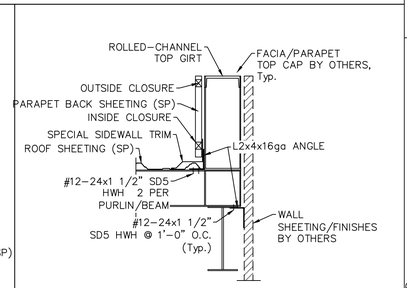
FS2 PARAPET SECTION @ SIDEWALL

HIGHSIDE



FS3 PARAPET SECTION @ SIDEWALL

HIGHSIDE W/LEAN-TO



FS4 PARAPET SECTION @ ENDWALL