

FISCAL YEAR	SHEET NO.	TOTAL SHEETS
25/26	1	132

INDEX OF SHEETS

FOR STREET IMPROVEMENT PLANS SEE SHEET ST01 TO ST07
 FOR GRADING PLANS SEE SHEET C-1 TO C-9 OF APPROVED WAREHOUSE CONSTRUCTION PLANS
 SEE SHEET T100 OF APPROVED WAREHOUSE CONSTRUCTION PLANS FOR SHEET INDEX
 SEE SHEET T100 OF APPROVED PARKING GARAGE CONSTRUCTION PLANS FOR SHEET INDEX

**COUNTY OF KERN
 PUBLIC WORKS DEPARTMENT**

**PLANS FOR CONSTRUCTION OF
 BUILDING AND SITE IMPROVEMENTS AT
 6741 DOWNING AVENUE, BAKERSFIELD, CA**

CONTRACT No. 26016

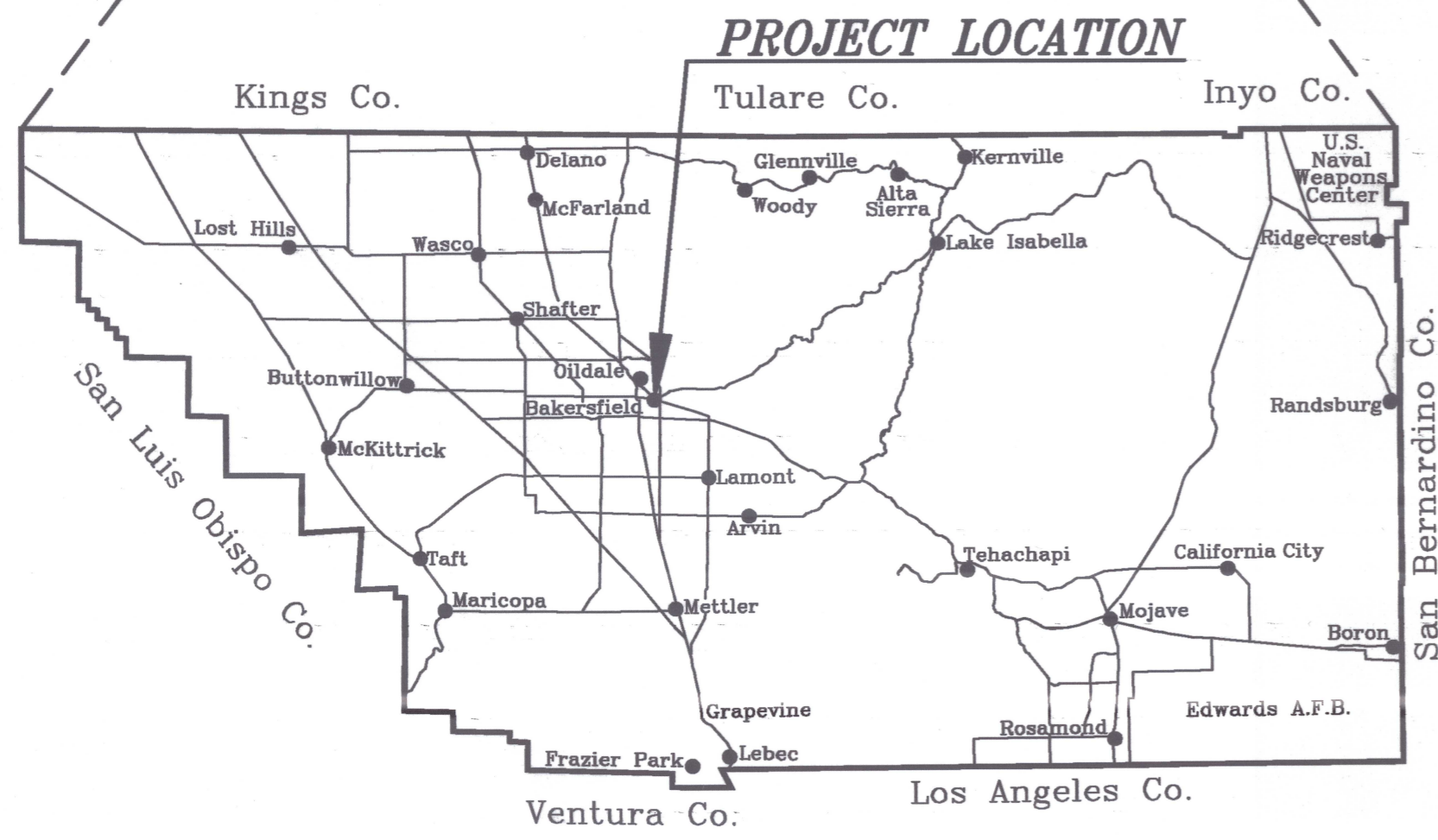


SCALE: N.T.S.

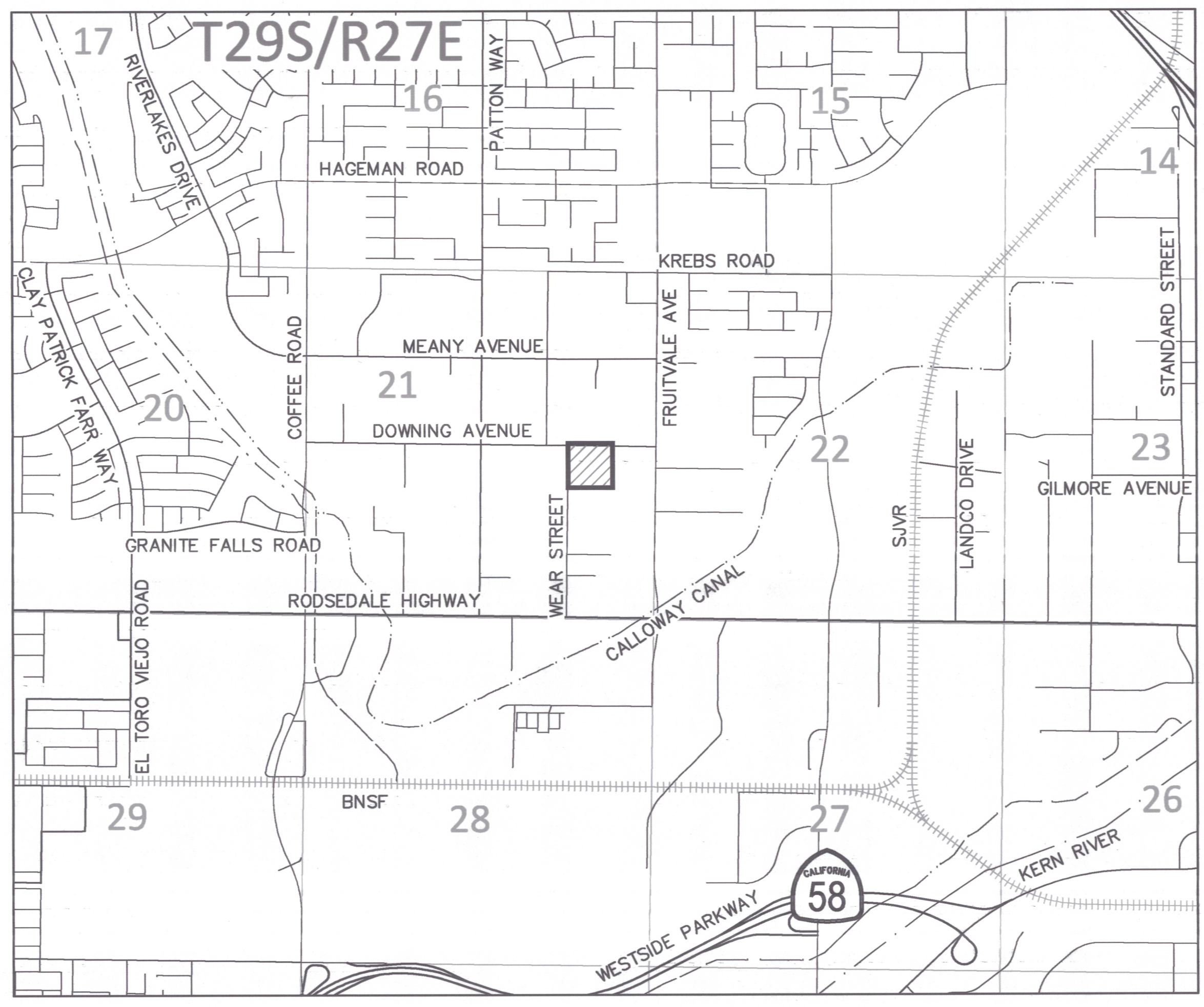
NOTE:
 TO BE SUPPLEMENTED BY STATE OF CALIFORNIA STANDARD PLANS DATED 2025.
 THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO CONTRACTORS" ON PAGE 1 OF THE SPECIAL PROVISIONS.
 CALL UNDERGROUND SERVICE ALERT, 1-800-642-2444, 48 HOURS PRIOR TO ANY EXCAVATION.



STATE OF CALIFORNIA



COUNTY OF KERN



PROJECT LOCATION

PROJECT BENCHMARK:
 BENCHMARK DISK LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF ROSEDALE HIGHWAY AND FRUITVALE AVENUE; ON TOP OF THE EAST END OF THE NORTH CONCRETE BRIDGE OVER CALLOWAY CANAL, 26' NORTH OF THE CENTERLINE OF THE NORTH LANES OF THE HIGHWAY, 1.3' WEST OF THE EAST END OF THE SIDEWALK, 1.0' SOUTH OF THE SOUTH EDGE OF THE NORTH CONCRETE GUARDRAIL, AND ABOUT 1.0' HIGHER THAN THE HIGHWAY.

ELEVATION = 399.97'

BASIS OF BEARINGS:
 THE BEARING OF S89°09'34" E FOR THE CENTERLINE OF DOWNING AVENUE PER RECORD OF SURVEY NO. 3526 FILED JANUARY 11, 2016 IN BOOK 30, PAGE 52, IN THE OFFICE OF THE KERN COUNTY RECORDER

Approval Recommended:



Architect
 Skarphol/Frank Associates
 CA License No. C-31980



Mark Steven Ensminger
 Engineering Manager, Design
 Public Works Department
 RCE No. 85076



Jeffrey Beau Davis
 Senior Engineering Manager, Capital Projects
 Public Works Department
 RCE No. 90071



Joshua Champin
 Director, Public Works Department
 RCE No. 73104

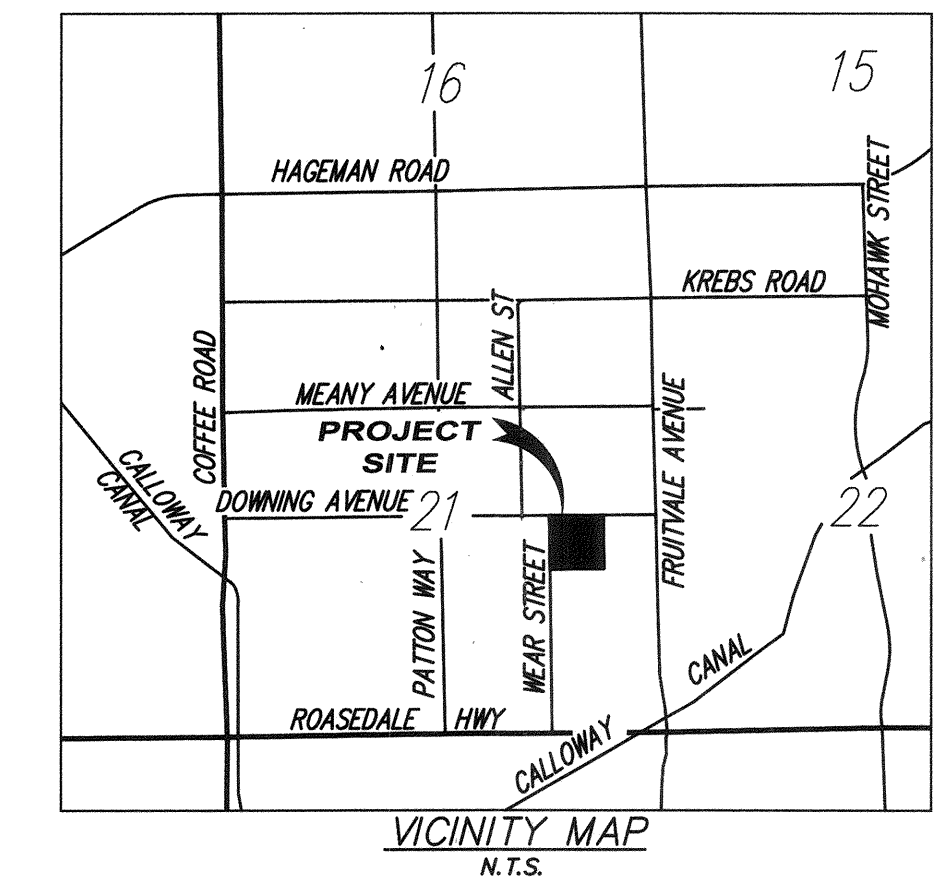
APPROVED: *Philip P. [Signature]*
 Chairman, Board of Supervisors

Date: MAY 09 2026

ACAD FILE NAME: K:\ENGINEERING\DESIGN\ENGINEERING\PROJECTS\SOLID WASTE\SW 24-25\8999-CO0027 HOUSEHOLD HAZARDOUS WASTE FACILITY\DRAWING\1789CC-CO0027 COVER SHEET

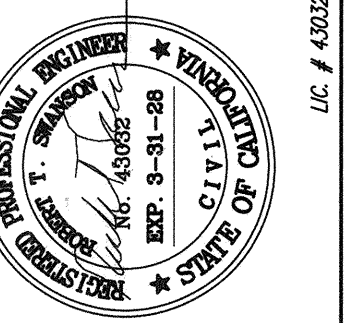
NOTE:
 COUNTY ACKNOWLEDGEMENT OF PLANS FOR CONSTRUCTION AND APPROVAL OF PLANS BY SIGNATURE DOES NOT ABROGATE COUNTY WRITTEN SPECIFICATIONS BY OMISSION OR MISINTERPRETATION. AUTHORIZED COUNTY INSPECTIONS OR AGENTS MAY REQUIRE CHANGES IN PLANS BEFORE CERTIFICATION AND ACCEPTANCE IN ORDER TO COMPLY WITH STANDARD SPECIFICATIONS.

KERN COUNTY SPECIAL WASTE FACILITY SE CORNER OF DOWNING AVE. AND WEAR ST. BAKERSFIELD, CA 93308 STREET IMPROVEMENT PLANS



**SWANSON
ENGINEERING, INC.**

2000 Oak Street, Suite 150 ~ Bakersfield, CA 93301
P: (661) 831-4919; F: (661) 873-1777



LIST OF MATERIALS

ESTIMATED QUANTITIES. NOT TO BE USED FOR BIDDING PURPOSES.

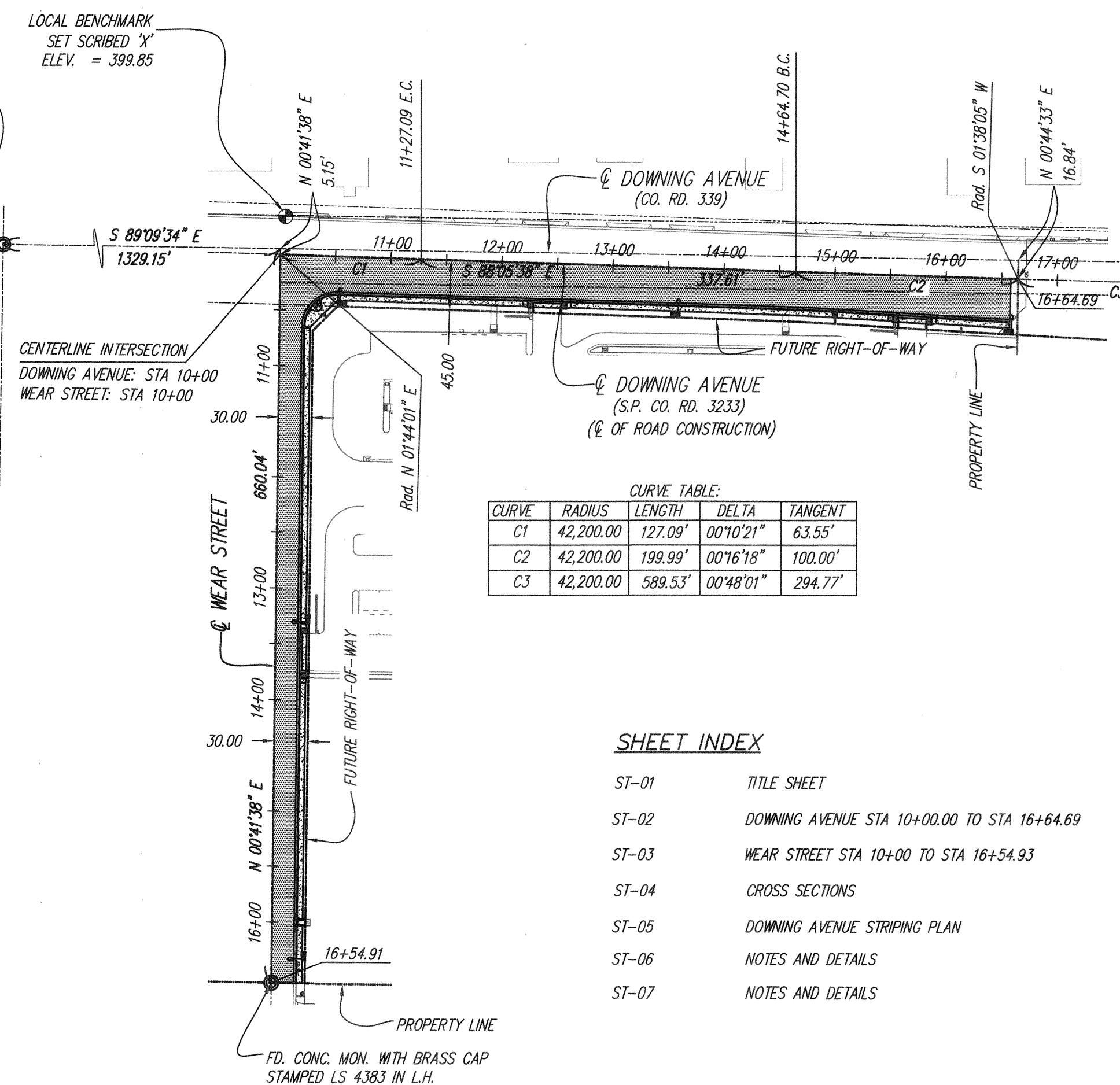
ITEM	QUANTITY
LENGTH OF LOCAL STREET (DOWNING AVE. & WEAR ST.)	1,320 LF
A.C. PAVEMENT	1,024 TONS
CLASS II AGGREGATE BASE	443 CY
CURB AND GUTTER	1,205 LF
SIDEWALK	6,217 SF
WHEELCHAIR RAMP TYPE "C" DRIVE APPROACH	6 EA
WHEELCHAIR RAMP CURB SIDE SIDEWALK	1 EA
SAWCUT	1,340 LF
STANDARD DRIVEWAY APPROACH TYPE "C" COMMERCIAL	3 EACH
TYPE "A" MINOR STRUCTURE CATCH BASIN 4' WIDE OPENING	2 EACH
24" CL III RCP STORM DRAIN PIPE	6 L.F.
18" CL III RCP STORM DRAIN PIPE	3 L.F.
STANDARD STREET LIGHT MAST ARM & PULL BOX	5 EACH
STREET LIGHT UTILITY TRENCH	1,207 L.F.

STANDARD PLATES

1. THE FOLLOWING COUNTY OF KERN STANDARD DRAWINGS SHALL BE CONSIDERED A PART OF THESE PLANS. (CONTRACTOR TO OBTAIN LATEST EDITION THEREOF)

COUNTY STD. NO. DESCRIPTION

- R-44 TYPICAL CUL-DE-SAC STANDARDS
- R-47 STANDARD KNUCKLE TREATMENT LOCAL STREETS
- R-52 STANDARD CURB
- R-53 SIDEWALK & PLANTER STRIP DRIVEWAY DETAIL TYPE "A" RESIDENTIAL/COMMERCIAL
- R-54 SIDEWALK DRIVEWAY DETAIL TYPE "B" RESIDENCE/COMMERCIAL
- R-55 STANDARD DRIVEWAY APPROACH TYPE "C" COMMERCIAL
- R-56 STANDARD MINIMUM ACCESS DESIGN
- R-58 MODIFIED TYPE "C" APPROACH HEAVY TRUCK USAGE AREAS
- R-59 WHEELCHAIR RAMP DETAIL TYPE "C" DRIVE APPROACH
- R-60 WHEELCHAIR RAMP CURB SIDE SIDEWALK
- R-61 WHEELCHAIR RAMP PROPERTY LINE SIDEWALK
- R-62 STANDARD CONCRETE CROSS DRAIN (TYPICAL)
- R-63 WIDE CONCRETE CROSS DRAIN (TYPICAL)
- R-64 STANDARD SIDEWALK DETAIL TYPE 1
- R-65 STANDARD SIDEWALK DETAIL TYPE 2
- R-66 BUS TURNOUT ON ARTERIAL AND COLLECTOR WITH BIKE LANE
- R-67 BACKFILL REQUIREMENTS ON A/C STREETS
- R-68 BACKFILL REQUIREMENTS ON R.W.A.S. STREETS
- R-69 DETAIL ADJUST COVERS TO GRADE
- R-70 STANDARD SURVEY MONUMENTS ENCASUREMENT
- R-71 TYPE "A" MINOR STRUCTURE
- R-72 TYPE "A" MINOR STRUCTURE DETAILS
- R-73 STANDARD 26 INCH PART CIRCLE CULVERT
- R-74 UNDER SIDEWALK DRAIN
- R-75 STANDARD STREET LIGHT MAST ARM TYPE
- R-76 STANDARD STREET LIGHT PULL BOX DETAILS
- T-1 STANDARD STREET SIGNS AND LOCATIONS
- T-2 STANDARD MISCELLANEOUS SIGN DETAILS
- T-3 STANDARD STREET SIGN PLATE MAST ARM MOUNT
- T-4 STANDARD STOP SIGN
- T-5 STANDARD BARRICADE END - OF - STREET
- T-6 STANDARD END - OF - STREET SIGN
- T-7 STANDARD SIGHT DISTANCE REQUIREMENTS FOR INTERSECTIONS
- T-8 STANDARD TYPICAL SIGHT LINE REQUIREMENTS FOR LANDSCAPING
- T-9 STANDARD RESTRICTED ACCESS STANDARD RIGHT-IN, RIGHT-OUT ONLY
- T-10 STANDARD RESTRICTED ACCESS RIGHT-IN, RIGHT-OUT, LEFT-IN ONLY
- T-11 STANDARD TYPICAL MEDIAN END DETAILS AT INTERSECTIONS WITH T - LOCAL STREETS
- T-12 STANDARD TYPICAL STRIPING PLAN
- T-13 STANDARD TYPICAL STRIPING PLAN FOR ARTERIAL AND COLLECTOR APPROACHES
- T-14 STANDARD TRANSITIONS AT ROAD NARROWINGS
- T-15 STANDARD CONDUIT & R/W REQUIREMENTS FOR FUTURE SIGNAL LOCATIONS
- T-16 STANDARD TRAFFIC SIGNAL INTERCONNECT-WIRING AND PULL BOXES
- S-1 TYPICAL TRENCH SECTION IN PAVED AREAS
- S-2 TYPICAL BUILDING SEWER INSTALLATION IN CUT AREA
- S-3 STANDARD OUTSIDE DROP TYPE MANHOLE
- S-4 STANDARD INSIDE DROP MANHOLE
- S-5 STANDARD PRECAST MANHOLE
- S-6 CAST IRON MANHOLE FRAME AND COVER
- S-7 STANDARD EIGHT INCH CLEANOUT
- S-8 STANDARD FRAMES AND COVERS FOR MANHOLE & CLEANOUTS
- S-9 STANDARDS FOR SEPARATION OF WATER AND SEWER LINES
- S-10 STANDARDS FOR SEPARATION OF WATER AND SEWER LINES
- S-11 STANDARD SEWER LATERAL MARKER
- S-12 STANDARD SEWER LINE IN PIPE CASING
- S-13 STANDARD TYPICAL SEWER PUMPING STATION VALVE BOX
- S-14 STANDARD MISCELLANEOUS PUMPING STATION DETAILS
- S-15 STANDARD PUMPING STATION THRUST BLOCKS
- S-16 STANDARD PUMPING STATION AIR VENT DETAIL
- S-17 STANDARD PUMPING STATION PIPE RESTRAINT ASSEMBLY
- S-18 STANDARD PUMPING STATION BLOWER FAN



CURVE TABLE:

CURVE	RADIUS	LENGTH	DELTA	TANGENT
C1	42,200.00	127.09'	00°10'21"	63.55'
C2	42,200.00	199.99'	00°16'18"	100.00'
C3	42,200.00	589.53'	00°48'01"	294.77'

SHEET INDEX

- ST-01 TITLE SHEET
- ST-02 DOWNING AVENUE STA 10+00.00 TO STA 16+64.69
- ST-03 WEAR STREET STA 10+00 TO STA 16+54.93
- ST-04 CROSS SECTIONS
- ST-05 DOWNING AVENUE STRIPING PLAN
- ST-06 NOTES AND DETAILS
- ST-07 NOTES AND DETAILS

BENCHMARK USED:

FOUND BENCHMARK DISK LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF ROSEDALE HWY & FRUITVALE AVENUE; ON TOP OF THE EAST END OF THE NORTH CONCRETE BRIDGE OVER CALLOWAY CANAL, 26 FEET NORTH OF THE CENTERLINE OF THE NORTH LANES OF THE HIGHWAY, 1.3 FEET WEST OF THE EAST END OF THE SIDEWALK, 1.0 FOOT SOUTH OF THE SOUTH EDGE OF THE NORTH CONCRETE GUARDRAIL, AND ABOUT 1.0 FOOT HIGHER THAN THE HIGHWAY.

DESIGNATION: A 1208
PID: FU1752
ELEVATION = 399.97 FEET

LOCAL BENCHMARK SET:

SET SCRIBED "X" ON TOP OF NORTH CURB AT THE INTERSECTION OF DOWNING AVENUE AND WEAR STREET; AND DISTANT APPROXIMATELY 4.4 FEET EAST OF THE NORTHERLY PROJECTION OF THE CENTERLINE OF WEAR STREET AND APPROXIMATELY 29.1 FEET NORTH OF THE CENTERLINE OF DOWNING AVENUE (COUNTY ROAD No. 339).

ELEVATION = 399.97 FEET

BASIS OF BEARINGS:

THE BEARING OF S 89°09'34" E FOR THE CENTERLINE OF DOWNING AVENUE PER RECORD OF SURVEY No. 3526 FILED JANUARY 11, 2016 IN BOOK 30, PAGE 52, IN THE OFFICE OF THE KERN COUNTY RECORDER WAS USED AS THE BASIS OF BEARINGS FOR THIS MAP.

ABBREVIATIONS:

- (E) EXISTING
- TYP. TYPICAL
- FD. FOUND
- BK. BOOK
- PG. PAGE
- C.O.K. COUNTY OF KERN
- CONC. CONCRETE
- A.C. ASPHALT PAVEMENT
- FG. FINISH GRADE
- EP. EDGE OF PAVEMENT
- TC. TOP OF CURB
- FL. FLOWLINE
- TP. TOP OF PAVEMENT
- GB. GRADE BREAK
- K.C.L.C. KERN COUNTY LAND COMPANY
- K.C.S. KERN COUNTY SURVEYOR
- MON. MONUMENT
- L.H. LAMP HOLE

LEGEND:

- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING HOSE BIB
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- FOUND MONUMENT
- EXISTING TRAFFIC SIGN
- EXISTING SEWER MANHOLE
- EXISTING STORM DRAIN MANHOLE
- EXISTING SEWER CLEANOUT
- EXISTING IRRIGATION VALVE
- EXISTING TELEPHONE PULL BOX
- EXISTING GAS METER
- EXISTING ELECTRICAL PULL BOX
- EXISTING LIGHT POLE
- EXISTING STORM DRAIN LINE
- EXISTING WATER LINE
- EXISTING SEWER LINE
- EXISTING GAS LINE
- EXISTING FENCELINE
- EXISTING ELECTRIC LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING PROPERTY LINE
- EXISTING RIGHT-OF-WAY
- EXISTING CURB & GUTTER
- PROPOSED SAWCUT
- INSTALL AND FURNISH STANDARD STREET MAST ARM AND PULL BOX PER C.O.K. PLATE No. R-75 AND PLATE No. R-76.
- CONSTRUCT TYPE "A" MINOR STRUCTURE PER C.O.K. PLATE NO. R-71 & 72 (OPENING = 4.0'); OR CONSTRUCT UNDERSIDEWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0')
- CONSTRUCT UNDERSIDEWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0')
- 24" CLASS III RCP STORM DRAIN

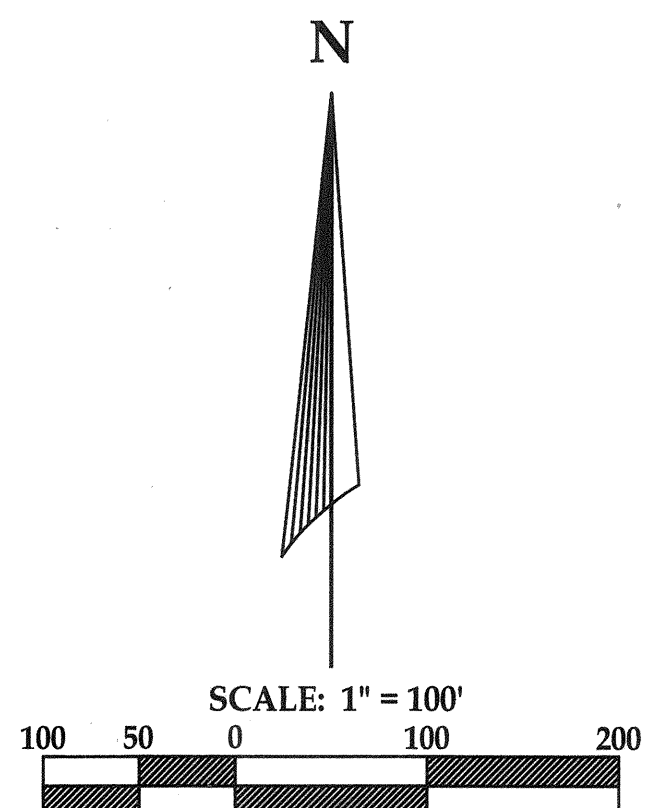
ENGINEER'S STATEMENT:

THESE PLANS AND SPECIFICATIONS WERE PREPARED BY ME OR UNDER MY DIRECTION, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLY WITH COUNTY OF KERN ORDINANCES, STANDARDS AND DESIGN CRITERIA, AND INCLUDE ALL IMPROVEMENT REQUIREMENTS OF THE ADVISORY AGENCY OR OTHER REVIEW BOARD. ANY ERRORS, OMISSIONS OR OTHER VIOLATIONS OF THOSE ORDINANCES, STANDARDS OR DESIGN CRITERIA ENCOUNTERED DURING CONSTRUCTION SHALL BE CORRECTED.

APPROVED BY: Robert T. Swanson 04/01/2026
R.C.E. 43032 DATE

UTILITY NOTE:

NOT ALL UTILITIES WERE LOCATED ON THIS PLAN. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UNDERGROUND UTILITIES OR FACILITIES NOT SHOWN ON THESE PLANS, OR FOR INFORMATION OBTAINED FROM OUTSIDE SOURCES (UNDERGROUND LINES ARE SHOWN PER RECORD PLANS). CONTRACTOR SHALL CONTACT ALL COMPANIES WITH UNDERGROUND FACILITIES PRIOR TO GROUND DISTURBANCE TO VERIFY EXACT LOCATION AND DEPTH OF ALL UNDERGROUND FACILITIES AND UTILITIES. USA 1-800-642-2444



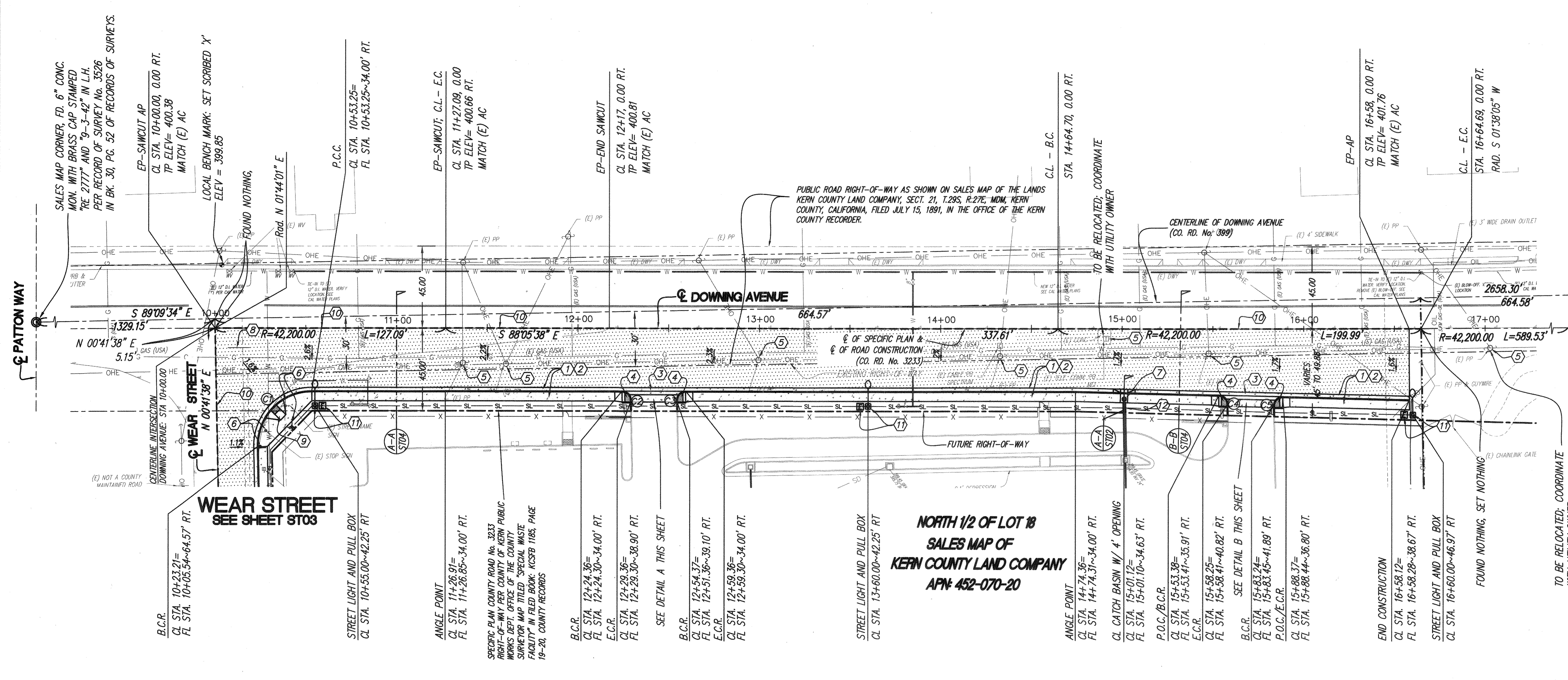
APPROVED BY: Joshua Champlin 4.3.26
KERN COUNTY DIRECTOR OF PUBLIC WORKS DEPARTMENT DATE
JOSHUA CHAMPLIN, PE

DATE	DESCRIPTION	BY	ENGINEER
			TK

**KERN COUNTY SPECIAL WASTE FACILITY
SOUTHEAST CORNER OF DOWNING AVENUE AND WEAR STREET
BAKERSFIELD, CALIFORNIA 93308
TITLE SHEET**

23015-ST01-R2.DWG
Wednesday, April 1, 2026 10:51:12 AM

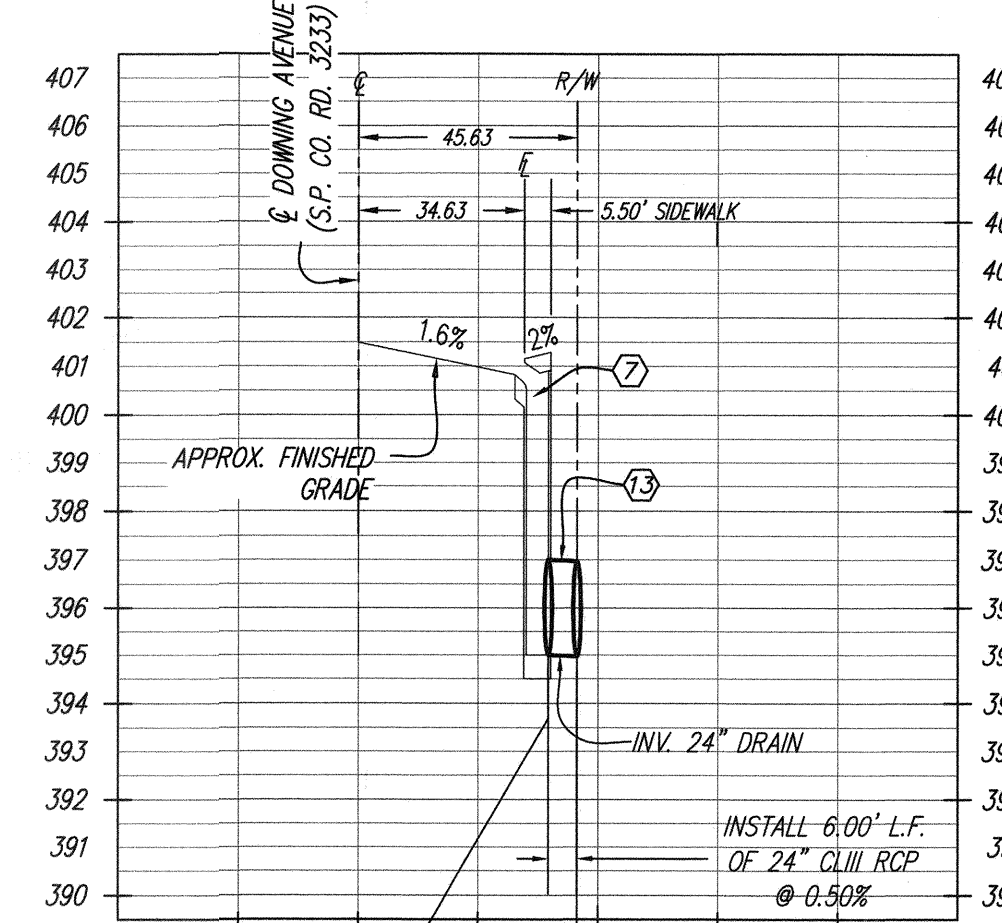
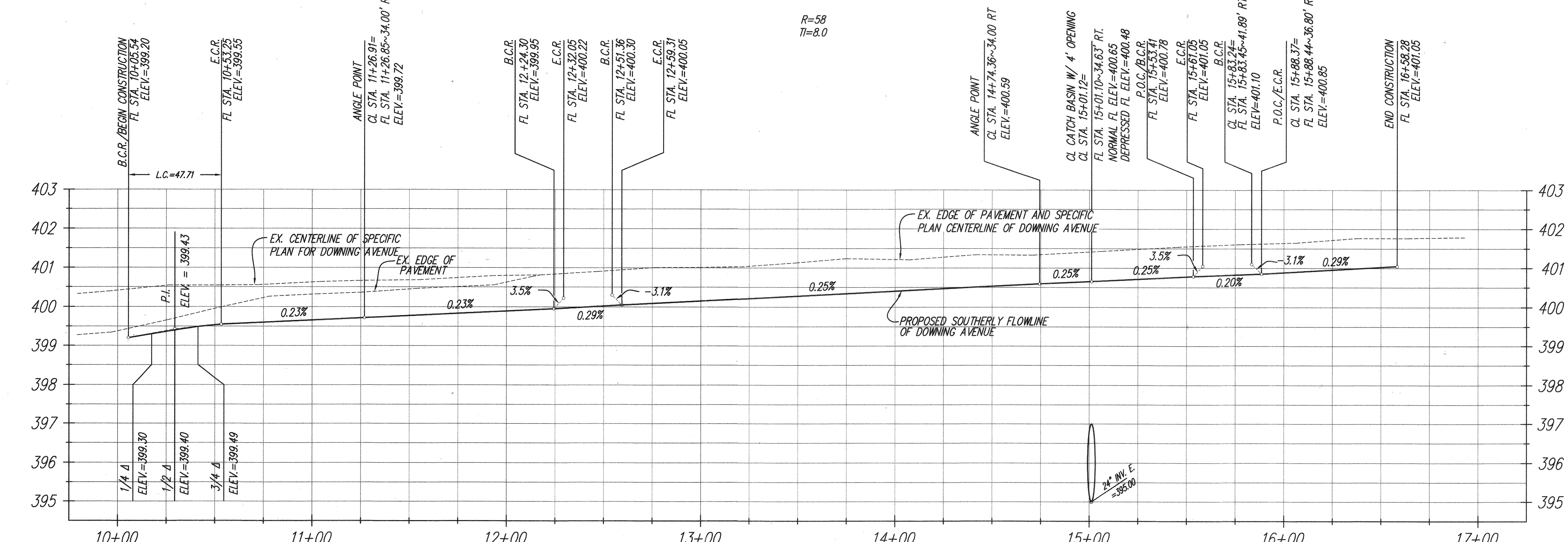
ST01
SHEET 1 OF 7



DOWNING AVENUE (STATION 10+00.00 TO 16+58.12)

0.40 TYPE "A" A.C. PAVING / 0.35" CL II AGG. BASE / 1.25" NATIVE COMPACTED TO 95%

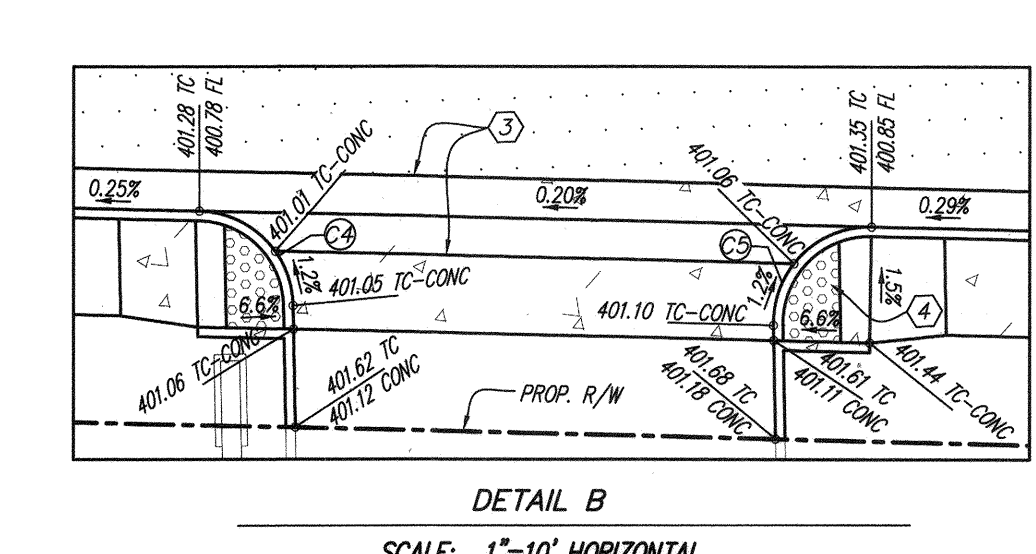
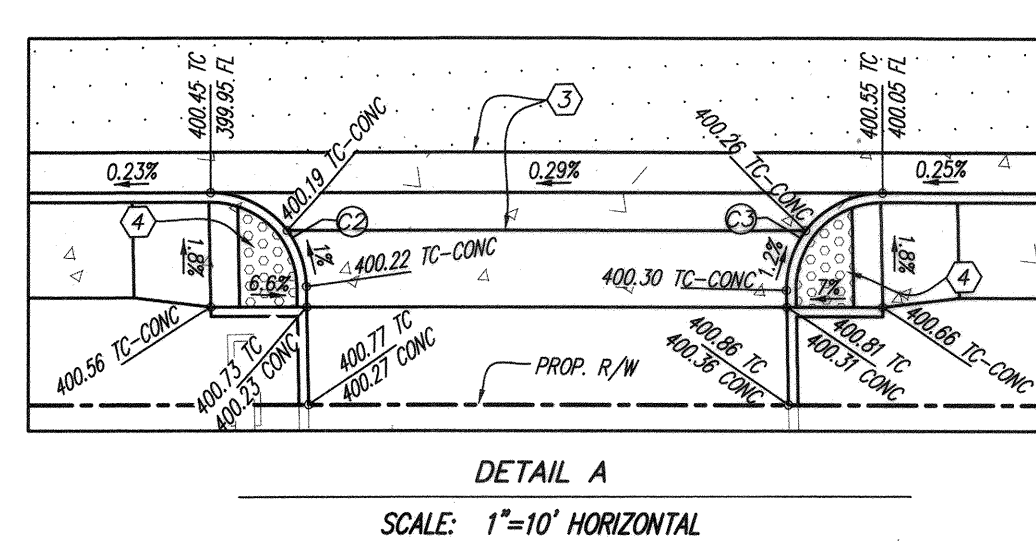
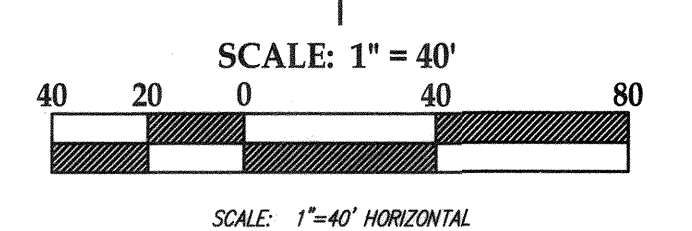
FLOWLINE PROFILE



DOWNING AVENUE
SECTION "A-A": STA 15+01.12
TYPE "A" MINOR STRUCTURE
CATCH BASIN CROSS SECTION
SCALE: 1"=40' HORIZONTAL
1"=4' VERTICAL

Curve #	Length	Radius	Delta	Tangent
C1	47.71'	30.00'	91°08'46"	30.59'
C2	7.75'	5.00'	88°51'54"	4.89'
C3	7.85'	5.00'	91°07'52"	5.10'
C4	7.64'	5.00'	87°33'05"	4.79'
C5	8.07'	5.00'	92°26'55"	5.22'
C6	7.85'	5.00'	89°55'09"	4.89'
C7	7.86'	5.00'	90°04'44"	5.01'

NOTES:
 - ALL STATIONING IS BASED ON CENTERLINE UNLESS OTHERWISE NOTED. SLOPES ARE ALONG FLOWLINE.
 - MANHOLES AND VALVES SHALL BE ADJUSTED TO FINISH PAVING GRADE. CONTRACTOR SHALL FIELD VERIFY THE FINAL LOCATION OF EACH FACILITY. CONTRACTOR SHALL BE REIMBURSED BY OWNER FOR THE COST OF ANY ADJUSTED FACILITIES BEYOND THOSE SHOWN ON PLAN.
 - CURVE DATA FOR CURB RETURNS ARE TERMINATED AT THE BCR/ECR OR THE BACK OF THE PEDESTRIAN EASEMENT (PEDE), WHICHEVER OCCURS FIRST.



- ABBREVIATIONS:**
- (E) EXISTING
 - TYP. TYPICAL
 - FD. FOUND
 - BK. BOOK
 - PG. PAGE
 - C.O.K. COUNTY OF KERN
 - CONC. CONCRETE
 - A.C. ASPHALT PAVEMENT
 - FG. FINISH GRADE
 - EP. EDGE OF PAVEMENT
 - TC. TOP OF CURB
 - FL. FLOWLINE
 - TP. TOP OF PAVEMENT
 - GB. GRADE BREAK

- LEGEND:**
- EXISTING FIRE HYDRANT
 - EXISTING WATER METER
 - EXISTING WATER VALVE
 - EXISTING HOSE BIB
 - EXISTING POWER POLE
 - EXISTING STREET LIGHT
 - FOUND MONUMENT
 - EXISTING TRAFFIC SIGN
 - EXISTING SEWER MANHOLE
 - EXISTING STORM DRAIN MANHOLE
 - EXISTING SEWER CLEANOUT
 - EXISTING IRRIGATION VALVE
 - EXISTING TELEPHONE PULL BOX
 - EXISTING GAS METER
 - EXISTING ELECTRICAL PULL BOX
 - EXISTING LIGHT POLE
 - EXISTING STORM DRAIN LINE
 - EXISTING WATER LINE
 - EXISTING SEWER LINE
 - EXISTING GAS LINE
 - EXISTING FENCELINE
 - EXISTING ELECTRIC LINE
 - EXISTING OVERHEAD ELECTRIC LINE
 - EXISTING PROPERTY LINE
 - EXISTING RIGHT-OF-WAY
 - EXISTING CURB & GUTTER
 - CONSTRUCT STANDARD CURB TYPE "A2-6" CURB & GUTTER PER C.O.K. PLATE NO. R-52
 - PROPOSED SAWCUT
 - INSTALL CONDUIT, PULL BOXES FOR STREET LIGHT PER C.O.K. PLATE NO. R-75 AND PLATE NO. R-76
 - INSTALL AND FURNISH STANDARD STREET MAST ARM AND PULL BOX PER C.O.K. PLATE NO. R-75 AND PLATE NO. R-76
 - CONSTRUCT TYPE "A" MINOR STRUCTURE PER C.O.K. PLATE NO. R-71 & 72 (OPENING = 4.0'); OR CONSTRUCT UNDERSIDWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0')
 - CONSTRUCT UNDERSIDWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0')
 - 24" CLASS III RCP STORM DRAIN

- CONSTRUCTION NOTES:**
1. CONSTRUCT STANDARD CURB TYPE "A2-6" CURB & GUTTER PER C.O.K. PLATE NO. R-52.
 2. CONSTRUCT TYPE 2A STANDARD SIDEWALK PER C.O.K. PLATE NO. R-65.
 3. CONSTRUCT COMMERCIAL DRIVE APPROACH TYPE "C" PER C.O.K. PLATE NO. R-55.
 4. CONSTRUCT CURB RAMP PER C.O.K. PLATE NO. R-58.
 5. REMOVE, ADJUST OR RELOCATE EXISTING UTILITIES - COORDINATE WITH UTILITY OWNER. ADJUST COVERS PER ADJUST COVER TO GRADE PLATE NO. R-69.
 6. REMOVE/RELOCATE EXISTING STOP SIGN AND STREET SIGN PER C.O.K. PLATE NO. T-1 & T-4.
 7. CONSTRUCT TYPE "A" MINOR STRUCTURE PER C.O.K. PLATE NO. R-71 & 72 (OPENING = 4.0').
 8. REMOVE/REPLACE LIMIT LINE AND "STOP" MARKING.
 9. CONSTRUCT WHEELCHAIR RAMP PER C.O.K. PLATE NO. R-60.

- CONSTRUCTION NOTES (CONT.):**
10. SAWCUT TO A NEAT, CLEAN VERTICAL FACE AT CENTERLINE OF ROADWAY; AS DIRECTED BY COUNTY INSPECTOR.
 11. STANDARD STREET LIGHT MAST ARM & STREET LIGHT PULL BOX DETAIL PER C.O.K. PLATE NO. R-75 AND PLATE NO. R-76.
 12. INSTALL 24" CL III RCP STORM DRAIN PIPE.
 13. PROTECT SURVEY MONUMENT FRAME AND COVER.
 14. CONSTRUCT UNDERSIDWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0').

SWANSON ENGINEERING, INC.

2000 Oak Street, Suite 150 ~ Bakersfield, CA 93301
 P: (805) 831-4919; F: (805) 831-4177

KERN COUNTY SPECIAL WASTE FACILITY
 SOUTHEAST CORNER OF DOWNING AVENUE AND WEAR STREET
 BAKERSFIELD, CALIFORNIA 93308

DOWNING AVE. STREET IMPROVEMENT PLAN

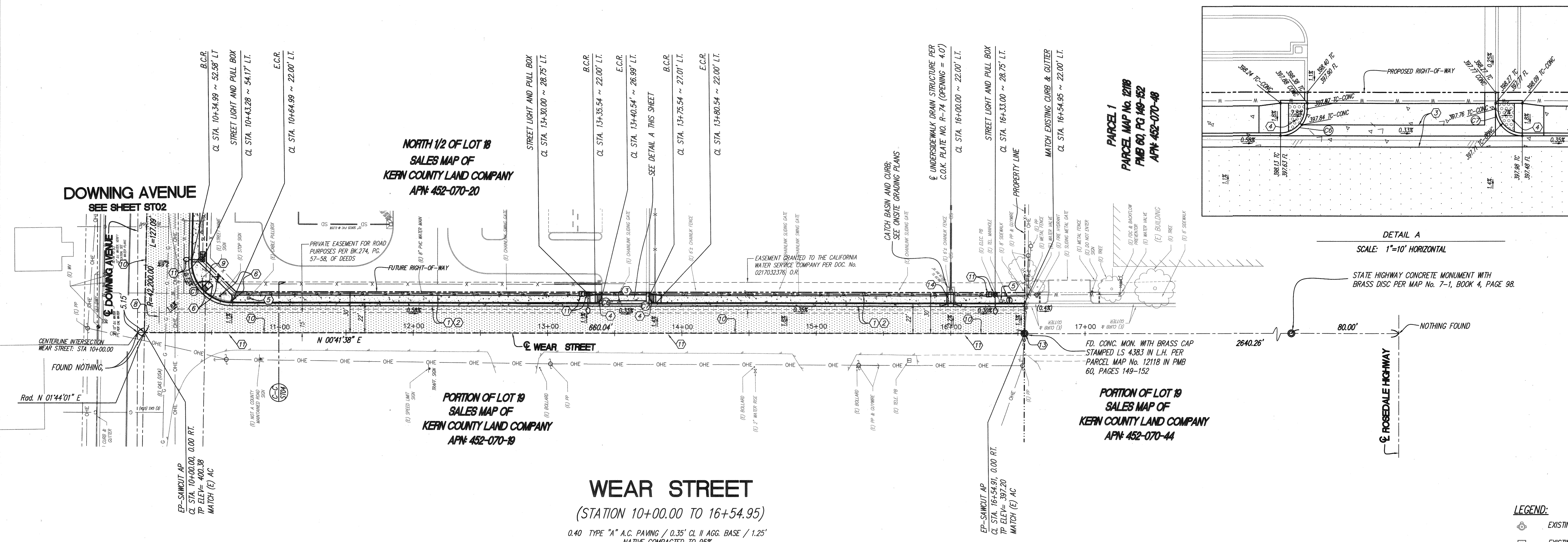
23015-ST01-R2.DWG
 Monday, March 23, 2026 9:18:47 AM

ST02

SHEET 2 OF 7

DATE: 12/15/25
 ENGINEER: TK
 JOB NO.: 23-015

Kern County Special Waste Facility
 ST03 WEAR ST - STD1 - R2.dwg
 1/20/25, Downie & Sons, Inc.



Curve Table				
Curve #	Length	Radius	Delta	Tangent
C1	47.71'	30.00'	91°06'46"	30.59'
C2	7.75'	5.00'	88°51'54"	4.90'
C3	7.85'	5.00'	91°07'32"	5.10'
C4	7.64'	5.00'	87°33'05"	4.79'
C5	8.07'	5.00'	92°26'35"	5.22'
C6	7.85'	5.00'	89°55'09"	4.99'
C7	7.86'	5.00'	90°04'44"	5.01'

- ABBREVIATIONS:**
- (E) EXISTING
 - TYP. TYPICAL
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 - C.O.K. COUNTY OF KERN
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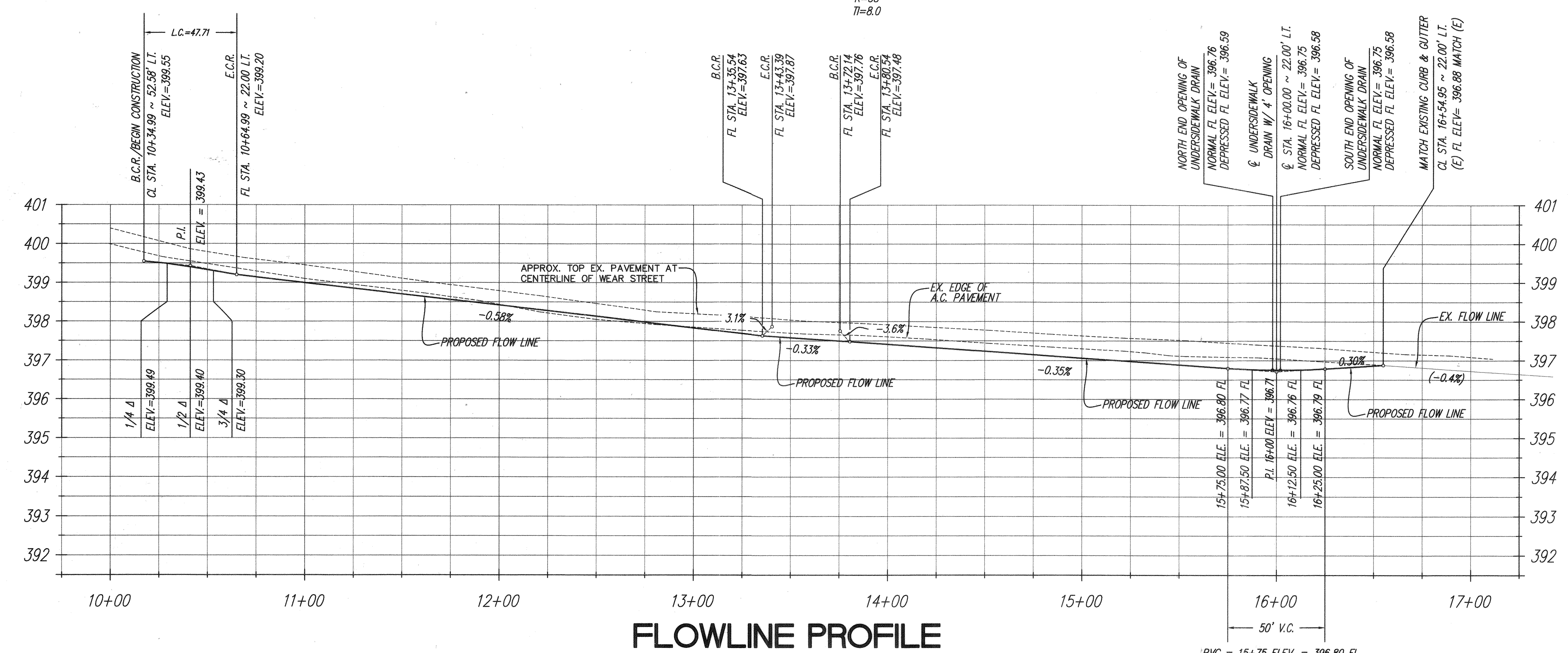
LEGEND:

- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING HOSE BIB
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- FOUND MONUMENT
- EXISTING TRAFFIC SIGN
- EXISTING SEWER MANHOLE
- EXISTING STORM DRAIN MANHOLE
- EXISTING SEWER CLEANOUT
- EXISTING IRRIGATION VALVE
- EXISTING TELEPHONE PULL BOX
- EXISTING GAS METER
- EXISTING ELECTRICAL PULL BOX
- EXISTING LIGHT POLE
- EXISTING STORM DRAIN LINE
- EXISTING WATER LINE
- EXISTING SEWER LINE
- EXISTING GAS LINE
- EXISTING FENCELINE
- EXISTING ELECTRIC LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING PROPERTY LINE
- EXISTING RIGHT-OF-WAY
- EXISTING CURB & GUTTER
- PROPOSED SAWCUT
- INSTALL CONDUIT, PULL BOXES FOR STREET LIGHT PER C.O.K. PLATE NO. R-75 AND PLATE NO. R-76.
- INSTALL AND FURNISH STANDARD STREET MAST ARM AND PULL BOX PER C.O.K. PLATE NO. R-75 AND PLATE NO. R-76.
- CONSTRUCT TYPE 'A' MINOR STRUCTURE PER C.O.K. PLATE NO. R-71 & 72 (OPENING = 4.0); OR CONSTRUCT UNDERSIDEWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0)
- CONSTRUCT UNDERSIDEWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0)
- 24" CLASS III RCP STORM DRAIN

WEAR STREET
(STATION 10+00.00 TO 16+54.95)

0.40 TYPE "A" A.C. PAVING / 0.35" CL II AGG. BASE / 1.25" NATIVE COMPACTED TO 95%

R=58
T=8.0



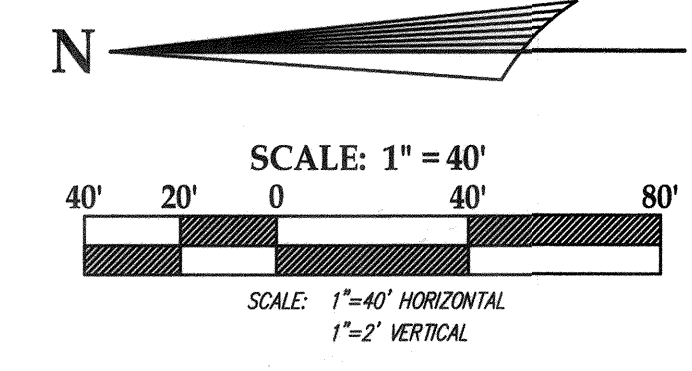
PVC = 15+75 ELEV. = 396.80 FL
 PM = 16+00 ELEV. = 396.71
 PVT = 16+25 ELEV. = 396.79 FL

CONSTRUCTION NOTES

1. CONSTRUCT STANDARD CURB TYPE 'A2-6" CURB & GUTTER PER C.O.K. PLATE NO. R-52.
2. CONSTRUCT TYPE 2A STANDARD SIDEWALK PER C.O.K. PLATE NO. R-65.
3. CONSTRUCT COMMERCIAL DRIVE APPROACH TYPE 'C' PER C.O.K. PLATE NO. R-55.
4. CONSTRUCT CURB RAMP PER C.O.K. PLATE NO. R-59.
5. REMOVE, ADJUST OR RELOCATE EXISTING UTILITIES - COORDINATE WITH UTILITY OWNER. ADJUST COVERS PER ADJUST COVER TO GRADE PLATE NO. R-69.
6. REMOVE/RELOCATE EXISTING STOP SIGN AND STREET SIGN PER C.O.K. PLATE NO. T-1 & T-4.
7. CONSTRUCT TYPE 'A' MINOR STRUCTURE PER C.O.K. PLATE NO. R-71 & 72 (OPENING = 4.0)
8. REMOVE/REPLACE LIMIT LINE AND "STOP" MARKING.
9. CONSTRUCT WHEELCHAIR RAMP PER C.O.K. PLATE NO. R-60.

CONSTRUCTION NOTES (CONT.)

10. SAWCUT TO A NEAT, CLEAN VERTICAL FACE AT CENTERLINE OF ROADWAY; AS DIRECTED BY COUNTY INSPECTOR.
11. STANDARD STREET LIGHT MAST ARM & STREET LIGHT PULL BOX DETAIL PER C.O.K. PLATE NO. R-75 AND PLATE NO. R-76.
12. INSTALL 24" CL III RCP STORM DRAIN PIPE
13. PROTECT SURVEY MONUMENT FRAME AND COVER.
14. CONSTRUCT UNDERSIDEWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0)



SWANSON ENGINEERING, INC.

2000 Oak Street, Suite 150 ~ Bakersfield, CA 93301
 P: (805) 831-4919; F: (805) 871-4777

KERN COUNTY SPECIAL WASTE FACILITY
 SOUTHEAST CORNER OF DOWNING AVENUE AND WEAR STREET
 BAKERSFIELD, CALIFORNIA 93308

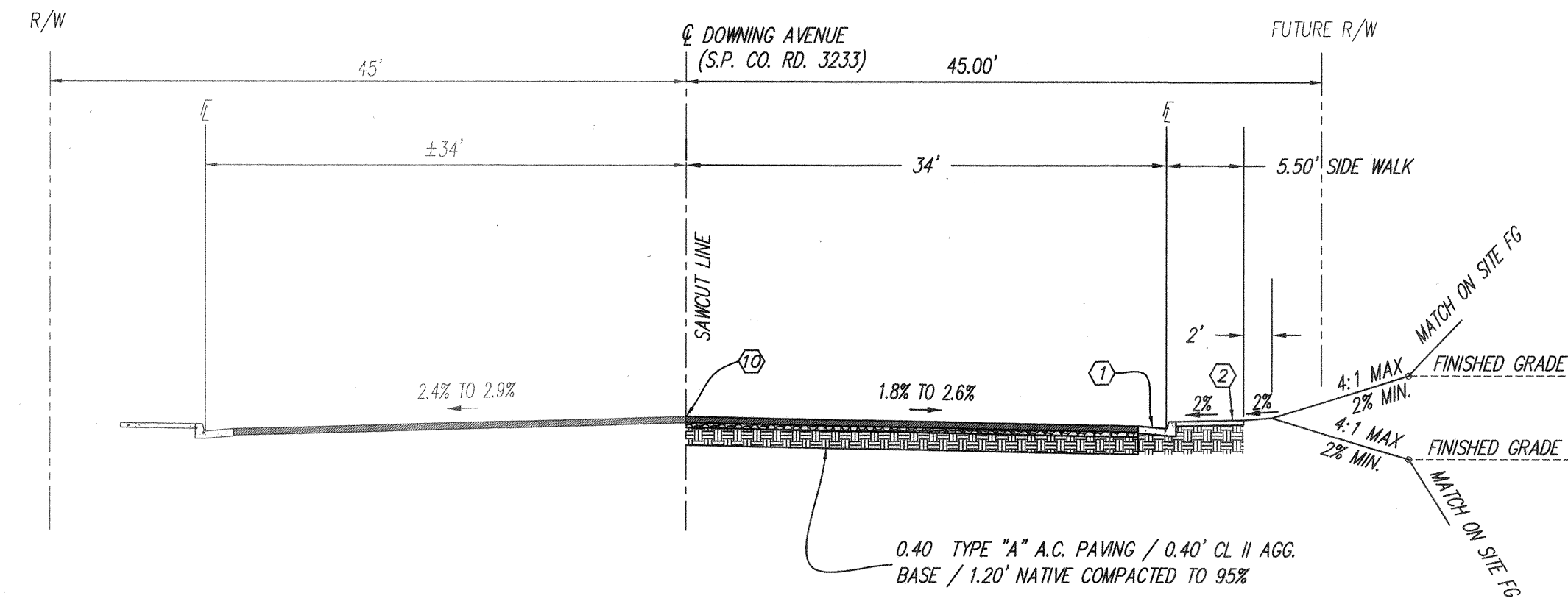
STREET IMPROVEMENT PLANS

Monday, March 23, 2026 9:20:17 AM

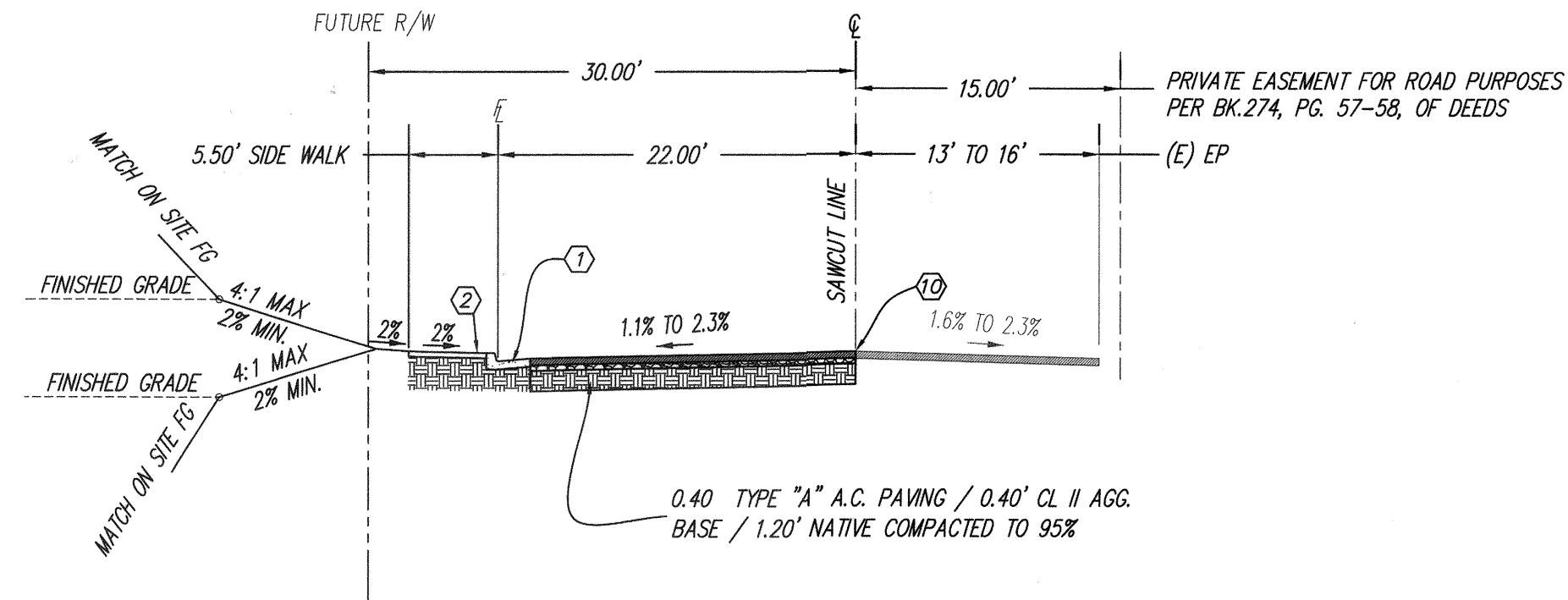
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SHEET 3 OF 7

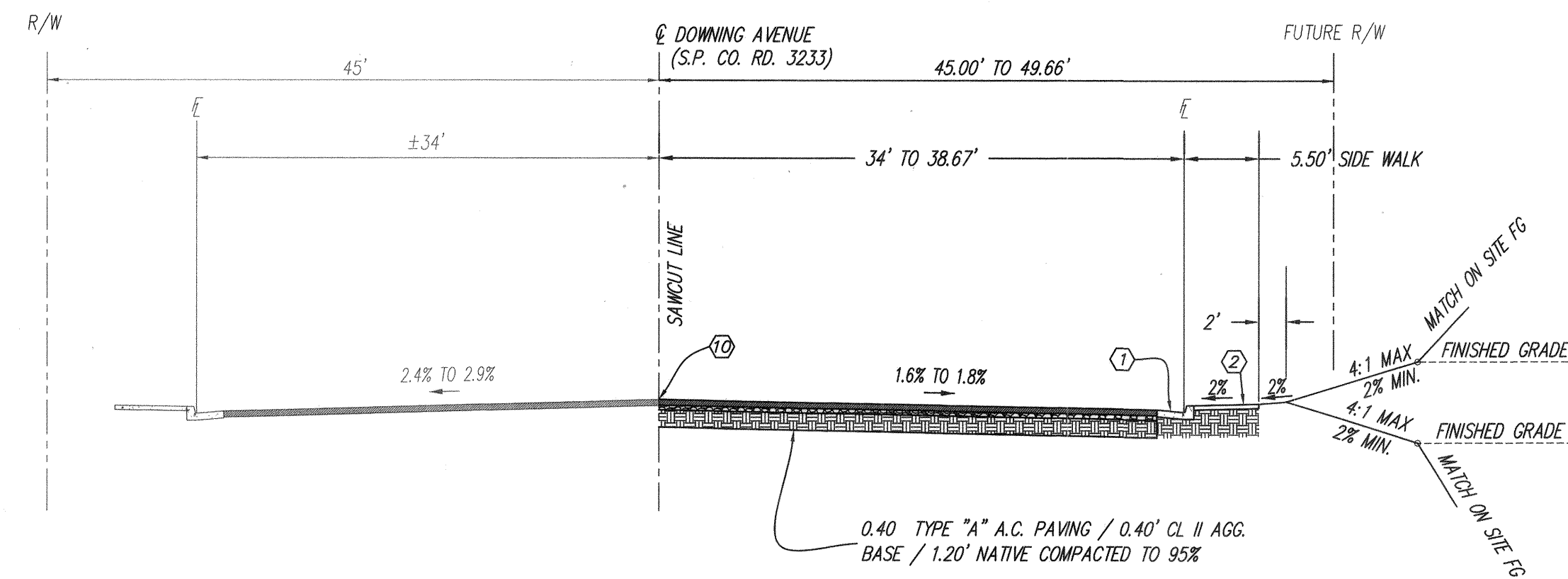
DATE: 12/18/25
 DATE: 23-015
 JOB NO.: 23015-STD1-R2.DWG
 ENGINEER: TK



DOWNING AVENUE
SECTION "A-A": STA 10+53.25 TO 14+74.36
SCALE: 1"=10' HORIZONTAL
TI = 8.0
R = 58



WEAR STREET
SECTION "C-C": STA 10+64.99 TO 15+54.95
SCALE: 1"=10' HORIZONTAL
TI = 8.0
R = 58



DOWNING AVENUE
SECTION "B-B": STA 14+74.36 TO 16+58.12
SCALE: 1"=10' HORIZONTAL
TI = 8.0
R = 58

CONSTRUCTION NOTES

- ① CONSTRUCT STANDARD CURB TYPE "A2-6" CURB & GUTTER PER C.O.K. PLATE NO. R-52.
- ② CONSTRUCT TYPE 2A STANDARD SIDEWALK PER C.O.K. PLATE NO. R-65.
- ③ CONSTRUCT COMMERCIAL DRIVE APPROACH TYPE "C" PER C.O.K. PLATE NO. R-55.
- ④ CONSTRUCT CURB RAMP PER C.O.K. PLATE NO. R-59.
- ⑤ REMOVE, ADJUST OR RELOCATE EXISTING UTILITIES - COORDINATE WITH UTILITY OWNER. ADJUST COVERS PER ADJUST COVER TO GRADE PLATE No. R-69.
- ⑥ REMOVE/RELOCATE EXISTING STOP SIGN AND STREET SIGN PER C.O.K. PLATE NO. T-1 & T-4.
- ⑦ CONSTRUCT TYPE "A" MINOR STRUCTURE PER C.O.K. PLATE NO. R-71 & 72 (OPENING = 4.0')
- ⑧ REMOVE/REPLACE LIMIT LINE AND "STOP" MARKING.
- ⑨ CONSTRUCT WHEELCHAIR RAMP PER C.O.K. PLATE NO. R-60.

CONSTRUCTION NOTES (CONT.)

- ⑩ SAWCUT TO A NEAT, CLEAN VERTICAL FACE AT CENTERLINE OF ROADWAY, AS DIRECTED BY COUNTY INSPECTOR.
- ⑪ STANDARD STREET LIGHT MAST ARM & STREET LIGHT PULL BOX DETAIL PER C.O.K. PLATE No. R-75 AND PLATE No. R-76.
- ⑫ INSTALL 24" CL III ROP STORM DRAIN PIPE
- ⑬ PROTECT SURVEY MONUMENT FRAME AND COVER.
- ⑭ CONSTRUCT UNDERSIDEWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0')

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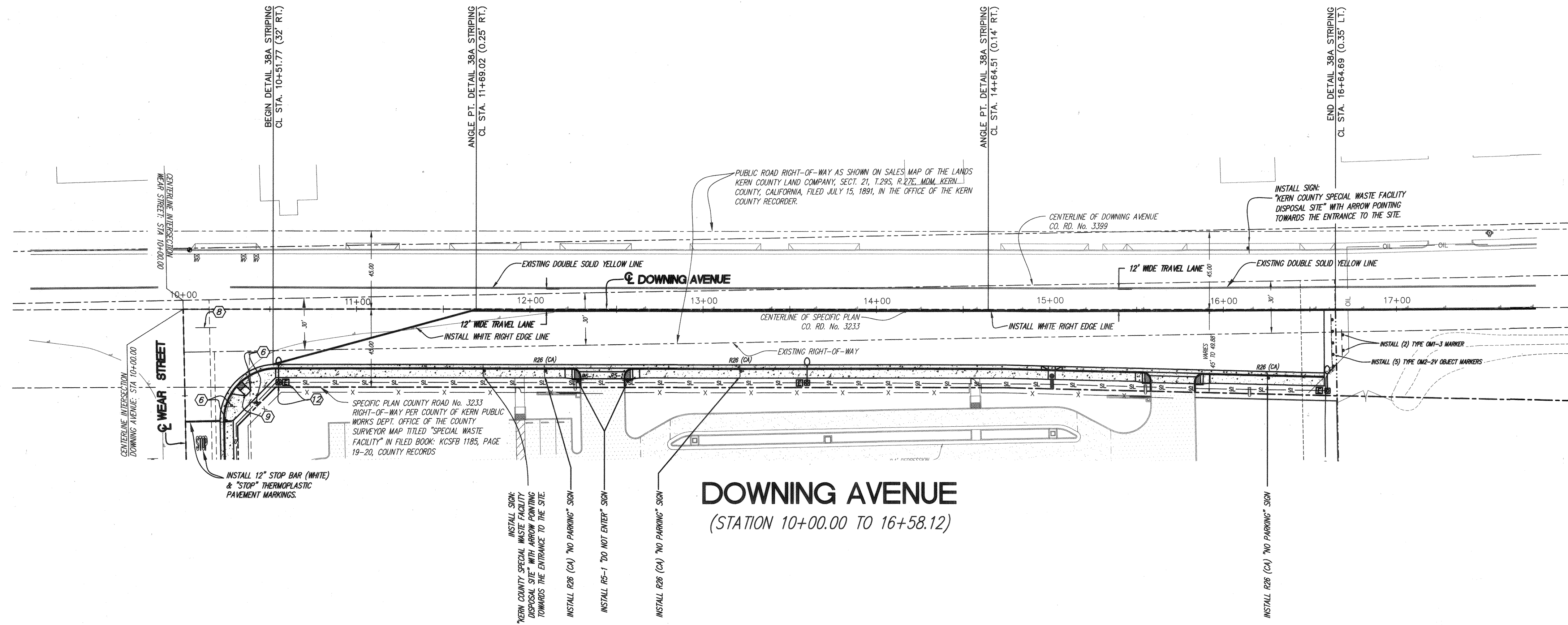
DATE:	DESCRIPTION:	BY:
JOB NO: 23-015	ENGINEER: TK	
DATE: 12/18/25		

ST04
KERN COUNTY SPECIAL WASTE FACILITY
SOUTHEAST CORNER OF DOWNING AVENUE AND WEAR STREET
BAKERSFIELD, CALIFORNIA 93308
STREET CROSS SECTIONS
23015-ST01_R2.DWG
Monday, March 23, 2026 9:21:03 AM
SHEET 4 OF 7

STRIPING NOTES

ALL STRIPING SHALL BE PAINT PER THE CALTRANS 2023 STANDARD PLANS AND SPECIFICATIONS.

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PER THE CALTRANS 2023 STANDARD PLANS AND SPECIFICATIONS.



DOWNING AVENUE
(STATION 10+00.00 TO 16+58.12)

LEGEND:

- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING HOSE BIB
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- FOUND MONUMENT
- EXISTING TRAFFIC SIGN
- EXISTING SEWER MANHOLE
- EXISTING STORM DRAIN MANHOLE
- EXISTING SEWER CLEANOUT
- EXISTING IRRIGATION VALVE
- EXISTING TELEPHONE PULL BOX
- EXISTING GAS METER
- EXISTING ELECTRICAL PULL BOX
- EXISTING LIGHT POLE

- EXISTING STORM DRAIN LINE
- EXISTING WATER LINE
- EXISTING SEWER LINE
- EXISTING GAS LINE
- EXISTING FENCELINE
- EXISTING ELECTRIC LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING PROPERTY LINE
- EXISTING RIGHT-OF-WAY
- EXISTING CURB & GUTTER
- PROPOSED SAWCUT
- INSTALL CONDUIT, PULL BOXES FOR STREET LIGHT PER C.O.K. PLATE NO. R-75 AND PLATE NO. R-76.
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- CONSTRUCT UNDERSIDEWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0')
- 24" CLASS III RCP STORM DRAIN

CONSTRUCTION NOTES

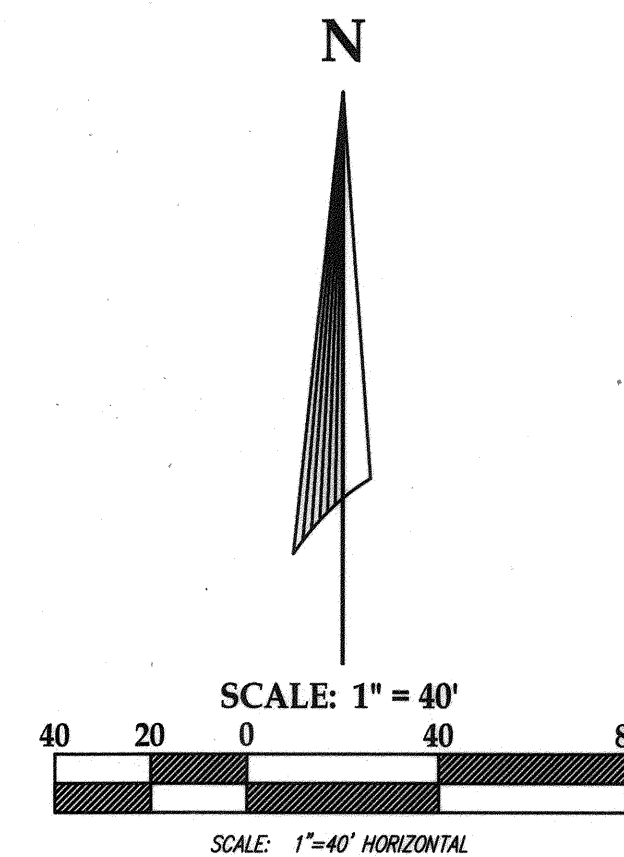
1. CONSTRUCT STANDARD CURB TYPE 'A2-6' CURB & GUTTER PER C.O.K. PLATE NO. R-52.
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CONSTRUCTION NOTES. (CONT.)

10. SAWCUT TO A NEAT, CLEAN VERTICAL FACE AT CENTERLINE OF ROADWAY; AS DIRECTED BY COUNTY INSPECTOR.
11. STANDARD STREET LIGHT MAST ARM & STREET LIGHT PULL BOX DETAIL PER C.O.K. PLATE NO. R-75 AND PLATE NO. R-76.
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14. CONSTRUCT UNDERSIDEWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0')

ABBREVIATIONS:

- (E) EXISTING
- TYP. TYPICAL
- FD. FOUND
- BK. BOOK
- PG. PAGE
- C.O.K. COUNTY OF KERN
- CONC. CONCRETE
- A.C. ASPHALT PAVEMENT
- FG. FINISH GRADE
- EP. EDGE OF PAVEMENT
- TC. TOP OF CURB
- FL. FLOWLINE
- TP. TOP OF PAVEMENT
- GB. GRADE BREAK
- SL. STREET LIGHT CONDUIT



H:\Projects\2025\ST05\DOWNING STRIPING\ST05-DOWNING STRIPING-ST05-R2.dwg
 2/20/25 10:00 AM
 2/20/25 10:00 AM

SWANSON ENGINEERING, INC.

2000 Oak Street, Suite 150 ~ Bakersfield, CA 93301
 P: (805) 831-4919; F: (805) 831-4777

DATE: _____

DESCRIPTION: _____

ENGINEER: TK

DATE: 12/18/25

JOB NO.: 23-015

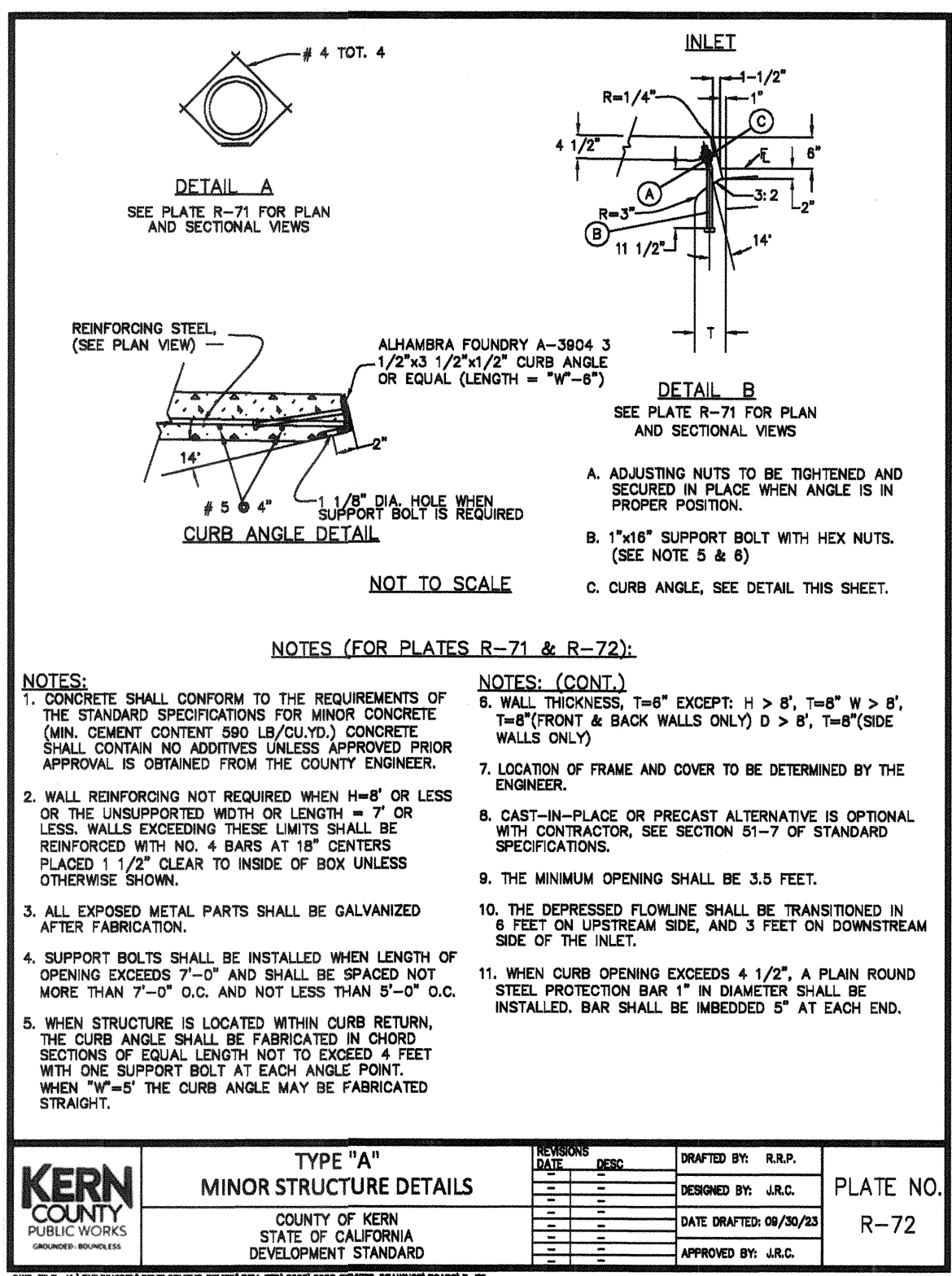
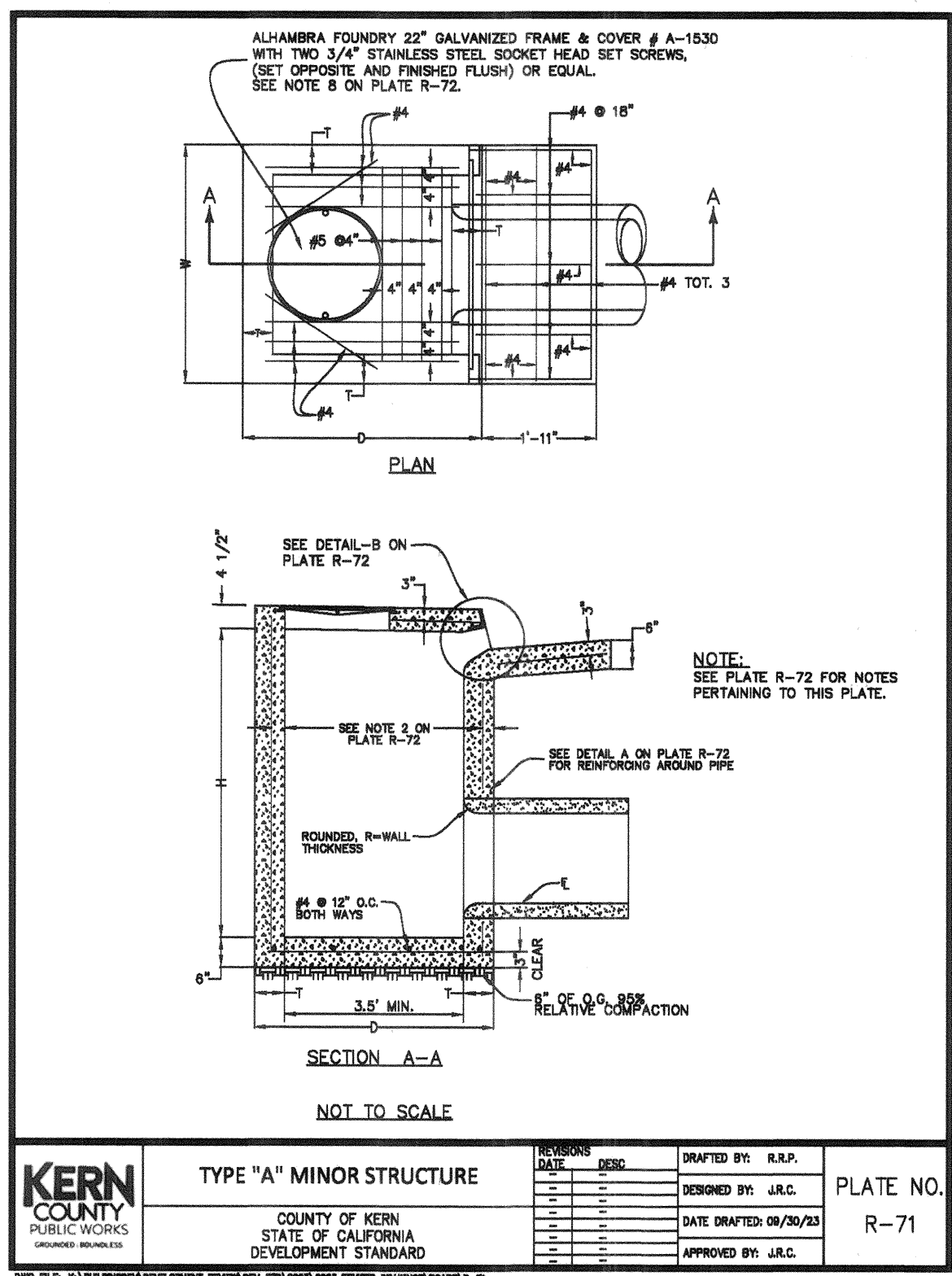
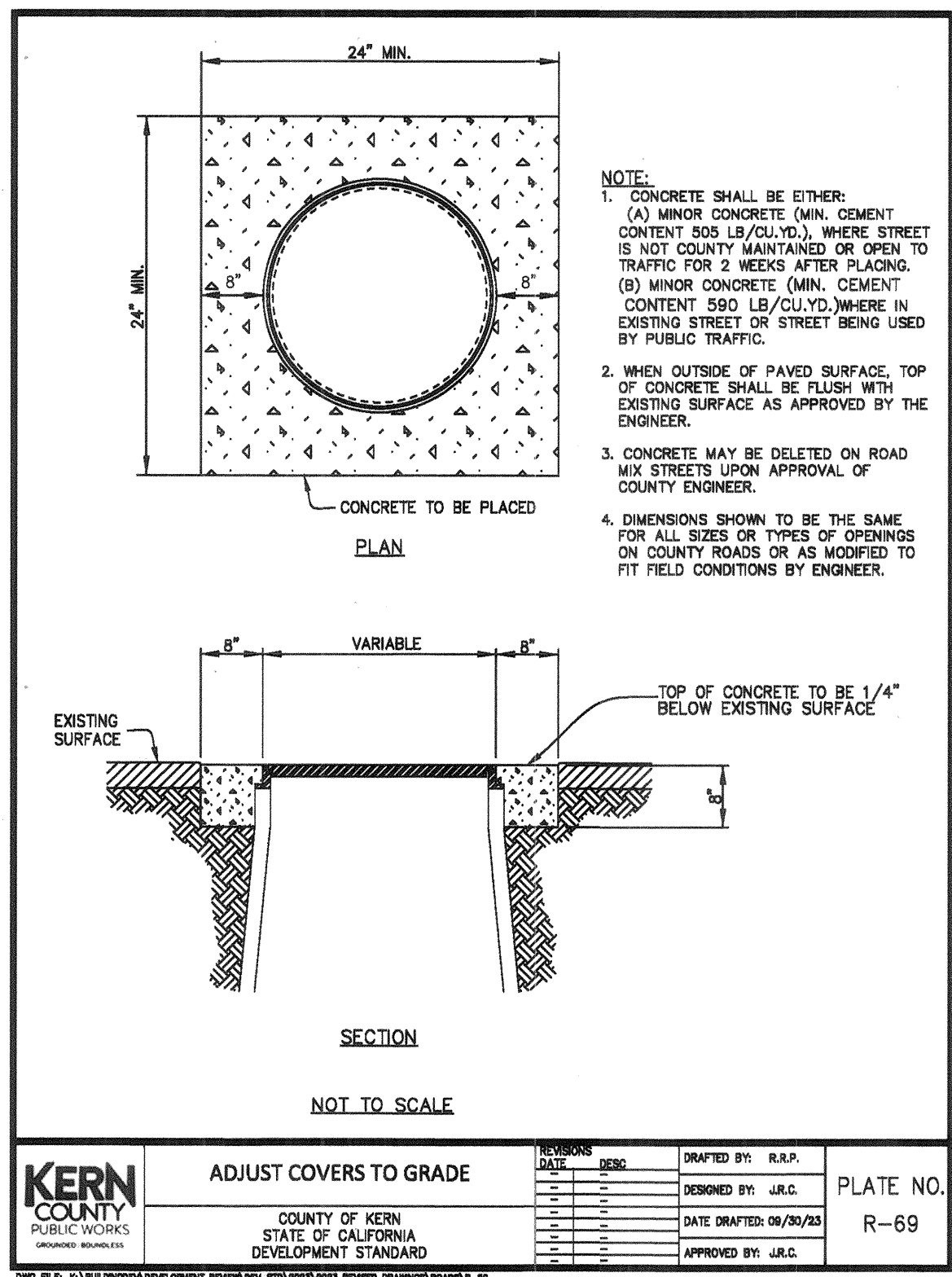
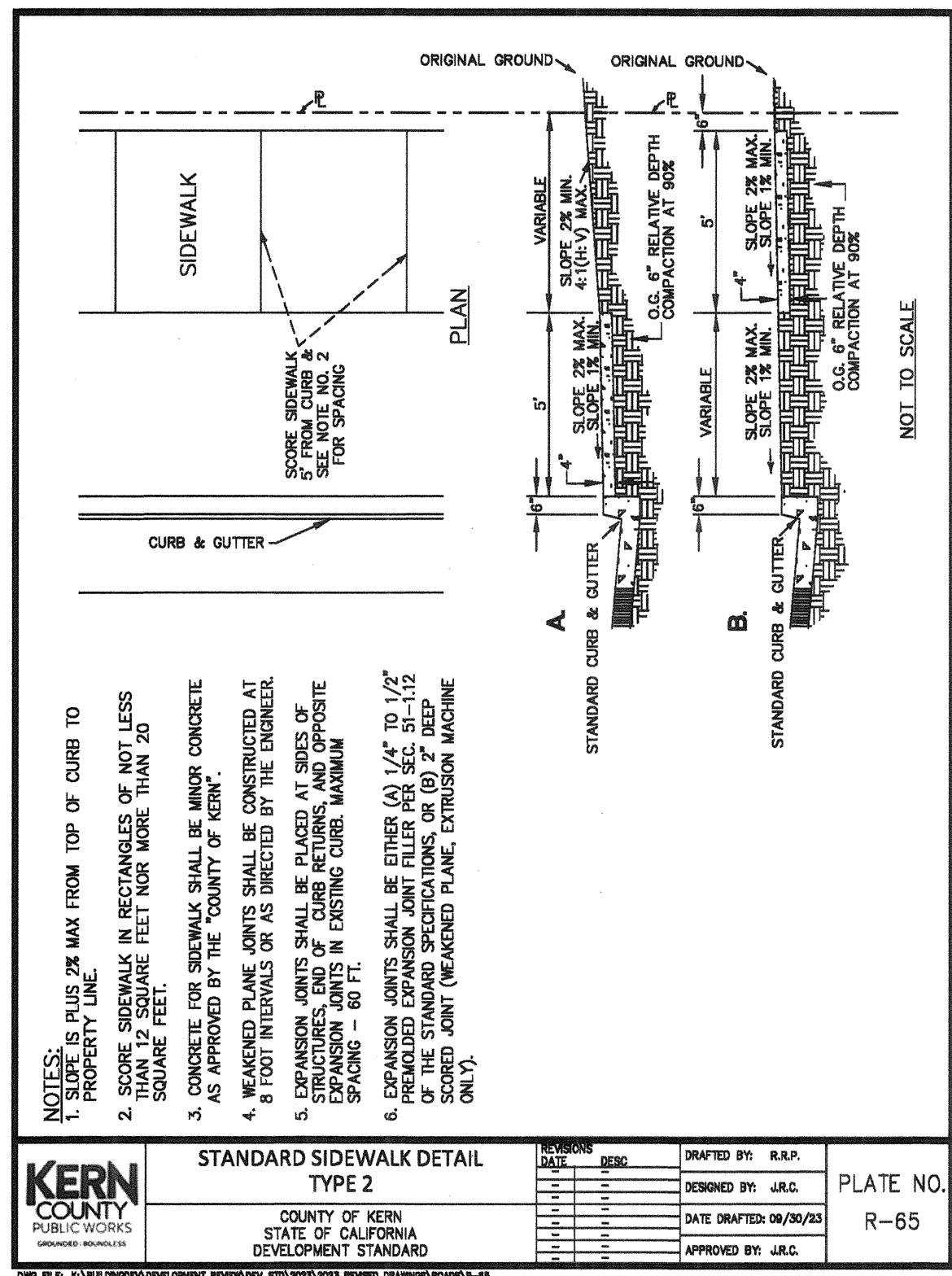
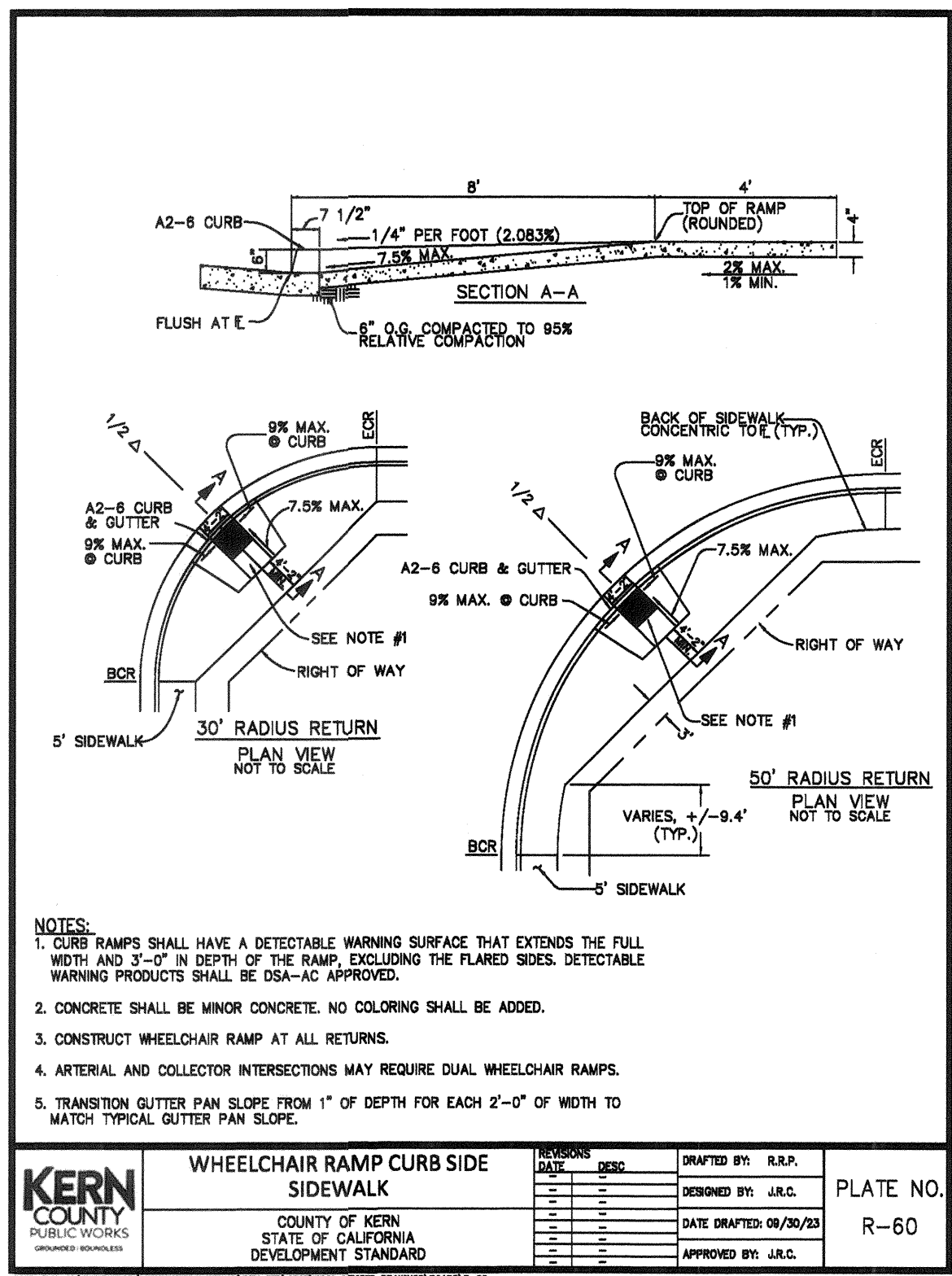
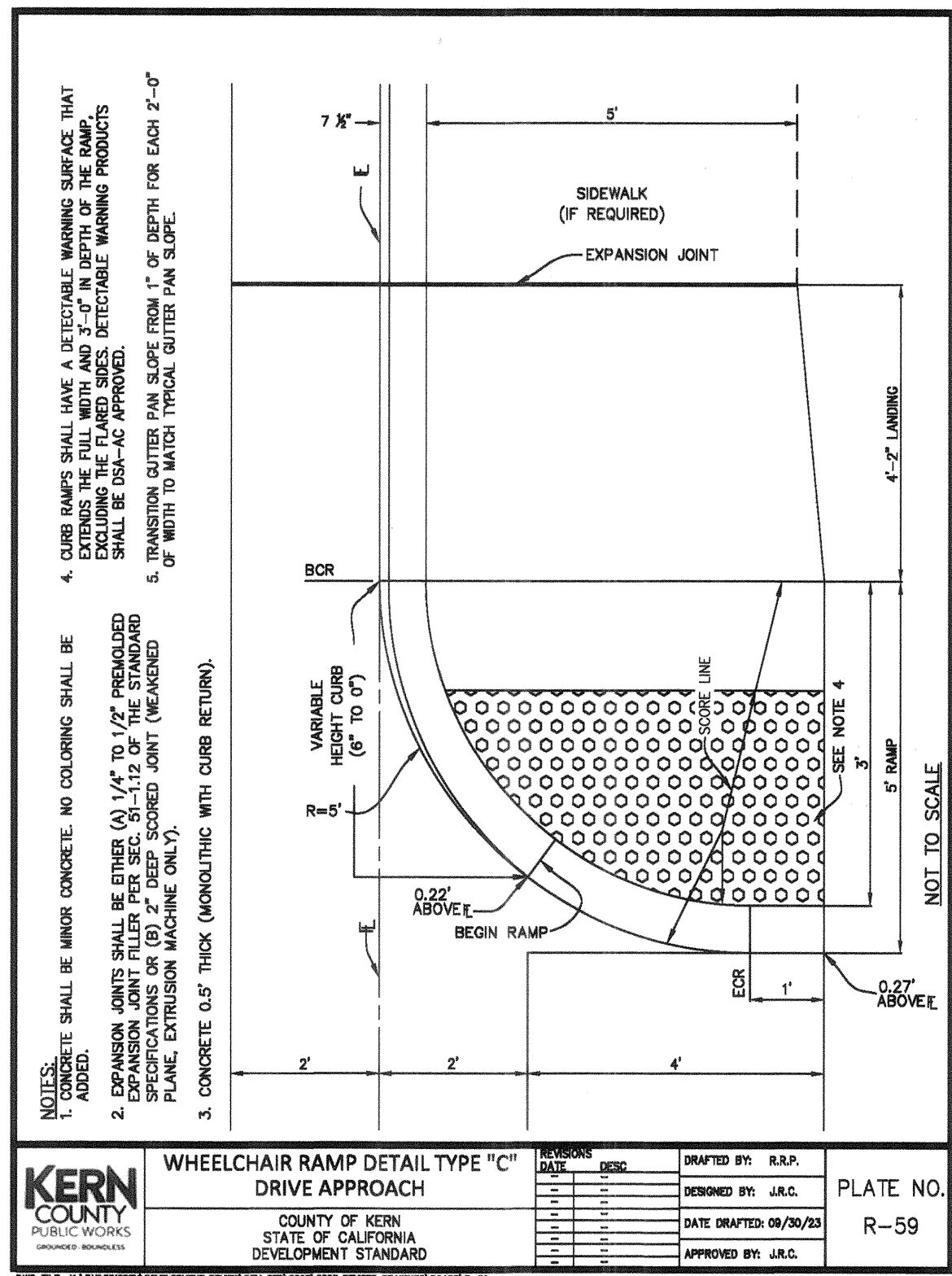
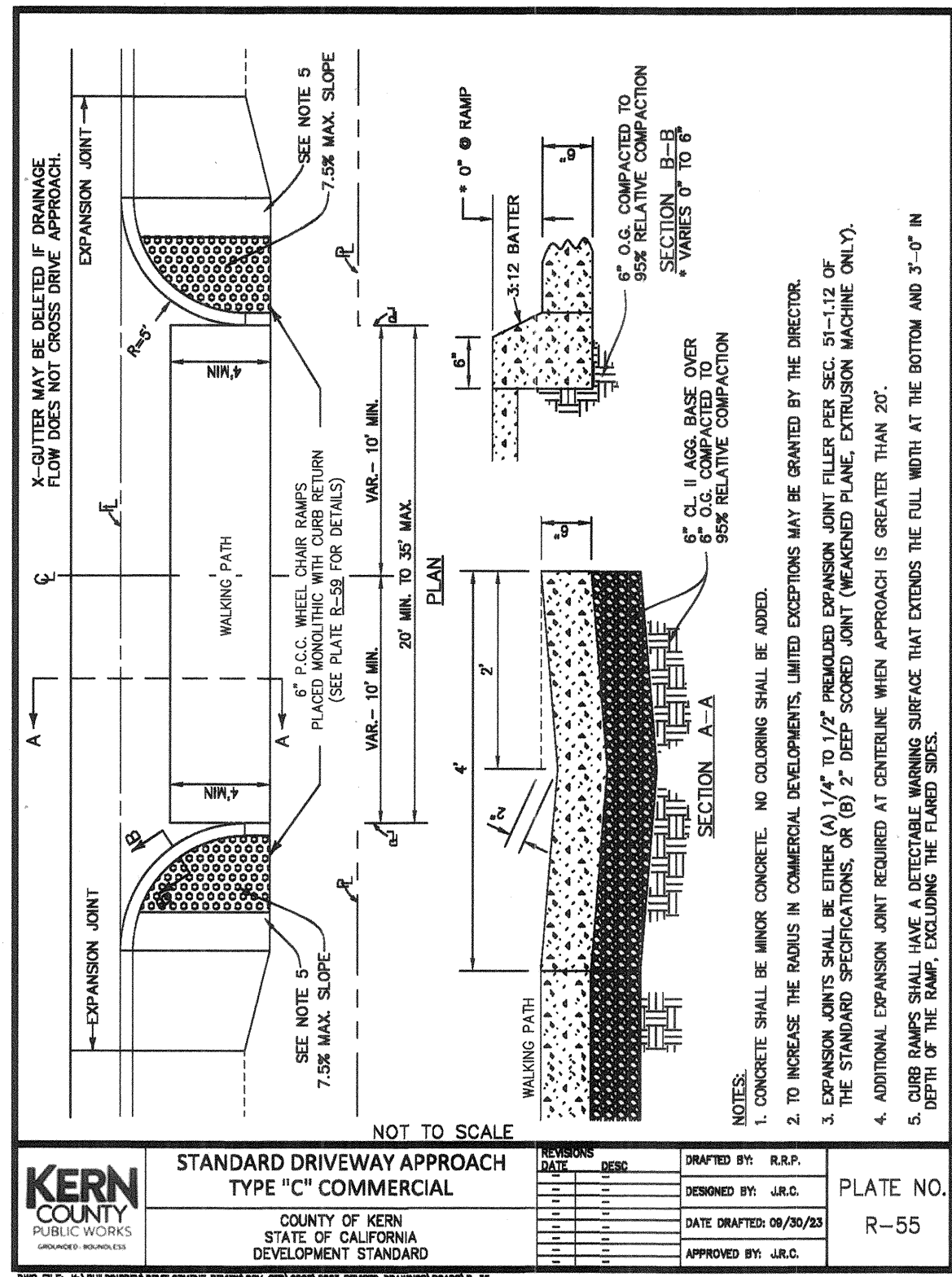
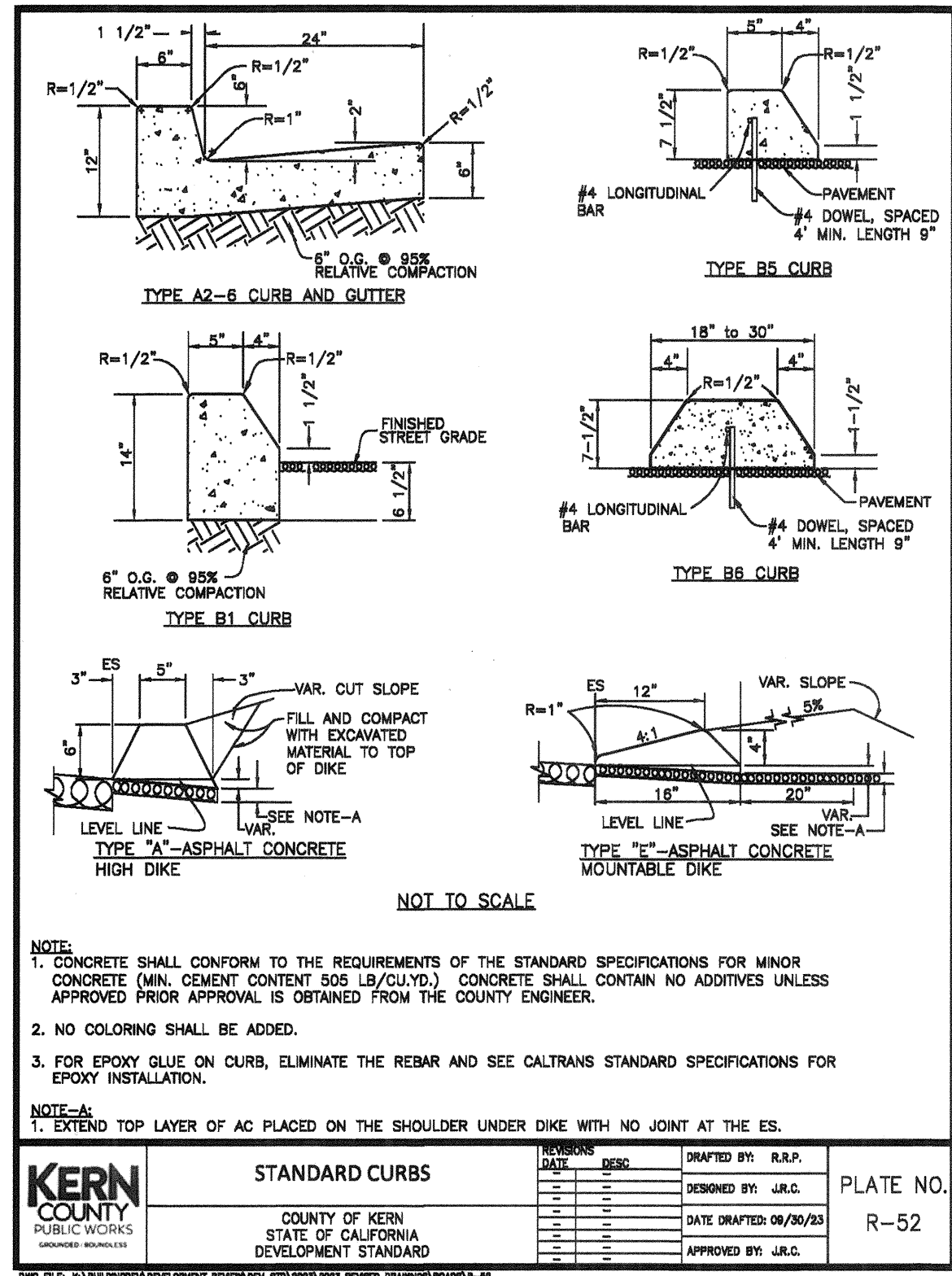
ST05

SHEET 5 OF 7

KERN COUNTY SPECIAL WASTE FACILITY
 SOUTHEAST CORNER OF DOWNING AVENUE AND WEAR STREET
 BAKERSFIELD, CALIFORNIA 93308

DOWNING AVE. STRIPING PLAN

23015-ST01-R2.DWG
 Monday, March 23, 2026 9:25:29 AM



GENERAL NOTES:

- ALL CONSTRUCTION SHALL CONFORM TO THIS PLAN, THE CALIFORNIA BUILDING CODE, LATEST EDITION, CALTRANS STANDARD PLANS AND SPECIFICATIONS DATED MAY, 2006, AND STANDARDS PERTAINING THEREIN. THESE DOCUMENTS SHALL BE MADE A PART HEREOF.
- ALL CONSTRUCTION WITHIN THE COUNTY RIGHT-OF-WAY OR COUNTY EASEMENTS SHALL BE IN ACCORDANCE WITH KERN COUNTY DEVELOPMENT STANDARDS AND ANY OTHER COUNTY ADOPTED POLICY.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS BEFORE START OF CONSTRUCTION. AN ENCROACHMENT PERMIT SHALL BE OBTAINED FROM THE COUNTY OF KERN FOR ANY WORK TO BE PERFORMED IN THE EXISTING, ACCEPTED STREET RIGHT-OF-WAY, UNLESS SECURED BY A SUBDIVISION AGREEMENT, SECURITY BASED ON AN APPROVED ENGINEER'S ESTIMATE FOR THE WORK PERFORMED WITHIN THE STREET RIGHT-OF-WAY AND INSURANCE, AS REQUIRED, SHALL BE PROVIDED PRIOR TO ISSUANCE OF A PERMIT.
- PRIOR TO THE START OF ANY PHASE OF CONSTRUCTION WITHIN THE STREET RIGHT-OF-WAY, THE CONTRACTOR SHALL OBTAIN THE COUNTY CONSTRUCTION INSPECTION DEPARTMENT 48 HOURS NOTICE.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING DIMENSIONS, DATA, AND MEASUREMENTS AT THE BUILDING SITE PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. SWANSON ENGINEERING MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.
- EXISTING UTILITY AND UNDERGROUND LINES HAVE BEEN SHOWN ON THIS PLAN ACCORDING TO AVAILABLE RECORDS. THE ENGINEER IS NOT RESPONSIBLE FOR POSSIBLE ERRORS OR OMISSIONS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO BEGINNING ANY WORK. UNDERGROUND SERVICE ALERT SHALL BE CONTACTED AT LEAST TWO WORKING DAYS PRIOR TO ANY CONSTRUCTION OR EXCAVATION (U.S.A. - 811).
- ANY EXISTING IMPROVEMENTS OR UTILITIES THAT ARE REMOVED, DAMAGED, OR UNDERCUT BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE, AS DIRECTED BY THE ENGINEER AND APPROVED BY THE GOVERNING AUTHORITY.
- IF A PROBLEM OR CONFLICT SHOULD ARISE DURING THE COURSE OF THE PROJECT, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO ANY FURTHER WORK.
- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND SUPERVISION NECESSARY FOR A COMPLETE AND FUNCTIONAL PROJECT.
- ALL WORK WHICH IS DEFECTIVE IN ITS CONSTRUCTION OR DEFICIENT IN ANY OF THE REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS SHALL BE REMEDIATED, OR REMOVED AND REPLACED BY THE CONTRACTOR IN AN ACCEPTABLE MANNER, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR SUCH CORRECTION.
- NORMAL STAKING AND MARKING OF THE PROJECT WILL BE SUPPLIED ONLY ONCE. ALL RE-STAKING OR RE-MARKING SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING EROSION, SEDIMENTATION, AND DUST CONTROL PLAN, STORM WATER POLLUTION PREVENTION PLAN IMPLEMENTATION, AND THE SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DESIGN, IMPLEMENT, AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- IF THE CONTRACTOR IS IN DOUBT AS TO THE MEANING OF ANY PART OF THE DRAWINGS AND SPECIFICATIONS OR FINDS DISCREPANCIES IN OR OMISSIONS FROM THE DRAWINGS, HE SHALL SUBMIT A WRITTEN REQUEST FOR AN INTERPRETATION OR A CORRECTION THEREOF, PRIOR TO FILING HIS BID PRICE FOR THE PROJECT.
- SWANSON ENGINEERING WILL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ANY AND ALL CHANGES TO THESE PLANS MUST BE APPROVED IN WRITING BY SWANSON ENGINEERING.

COUNTY STREET IMPROVEMENT NOTES:

- ALL IMPROVEMENTS SHALL BE AS REQUIRED FOR TYPE "A" SUBDIVISIONS AND THE STATE OF CALIFORNIA BUSINESS AND TRANSPORTATION AGENCY DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, CURRENT EDITION, AS MODIFIED AND DETERMINED APPLICABLE BY THE DIRECTOR.
- ALL STREETS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE TRAFFIC INDEX AS SHOWN ON THE PLANS.
- ANY LAYER OF 7" VALUE MATERIAL SPECIFIED IN THE TYPICAL CROSS-SECTION MAY BE INCREASED IN DEPTH PROVIDED THAT THE MATERIAL ABOVE THAT LAYER HAS NO LESS THAN THE MINIMUM THICKNESS SHOWN.
- ASPHALT CONCRETE SHALL BE TYPE "B" AND SHALL CONFORM TO THE PROVISIONS IN SECTION 37, "ASPHALT CONCRETE" OF THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS. ASPHALT UNDER GRADE FOR ASPHALT CONCRETE SHALL BE PG 70-10 AND SHALL CONFORM TO THE PROVISIONS IN SECTION 92, "ASPHALT," OF THE STANDARD SPECIFICATIONS. ALL LAYERS OF TYPE "B" ASPHALT CONCRETE INCLUDING THE SURFACE LAYER SHALL CONFORM TO THE REQUIREMENTS FOR 3/4-INCH MAXIMUM, MEDIUM GRADING, AS SPECIFIED IN SECTION 39-2.02, "AGGREGATE," OF THE STANDARD SPECIFICATIONS.
- IF APPROVED IN WRITING BY THE DIRECTOR, AN ALTERNATE PAVEMENT DESIGN USING CLASS III AGGREGATE BASE AND A THICKER A.C. SECTION MAY BE USED.
- ANY WORK WHICH AFFECTS ANY EXISTING COUNTY MAINTAINED ROAD OR THE TRAFFIC THEREON SHALL BE COMPLETED WITHIN 20 WORKING DAYS FROM START OF WORK.
- ELEVATIONS AND GRADES SHOWN ON THE PROFILES ARE CUTTER FLOWLINES (INVERTS).
- MAXIMUM PLUS GRADE TOLERANCE FOR A.B., A.S.B./ AND O.G. SHALL BE 0.05 OF A FOOT.
- PORTLAND CEMENT CONCRETE SHALL BE MINOR CONCRETE UNLESS OTHERWISE INDICATED.
- PERMANENT TRAFFIC CONTROL SIGNING AND OTHER SAFETY DEVICES (NOT SHOWN ON THESE PLANS) SHALL BE INSTALLED PER PLANS APPROVED BY THE ENGINEER.
- STREET LIGHTING SHALL BE INSTALLED AND A MEANS PROVIDED TO CONTRACT FOR PUBLIC UTILITY SERVICES AND MAINTENANCE.
- PRIOR TO START OF ANY EARTHWORK, THE SUBMITTER SHALL OBTAIN A GRADING PERMIT AS REQUIRED BY KERN COUNTY CODE OF BUILDING REGULATIONS AND GRADING ORDINANCE.
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED AT ALL CURB RETURNS PER PLATE R-60 (AS SHOWN ON PLANS) OF THE KERN COUNTY DEVELOPMENT STANDARDS AND AS DIRECTED BY THE ENGINEER. CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH & DEPTH OF THE CURB RAMP, EXCLUDING FLARED SIDES.
- ALL EXISTING FACILITIES, INCLUDING BUT NOT LIMITED TO STRUCTURES, POLES, PIPELINES, CONDUITS, CHANNELS, AND APPURTENANCES, WHICH ARE CONSIDERED TO BE OBSTRUCTIONS BY THE COUNTY ENGINEER, SHALL BE RELOCATED AT THE EXPENSE OF THE OWNER.
- NEW STREETS SHALL BE EXTENDED AT INTERSECTIONS AS DIRECTED BY THE COUNTY ENGINEER IN ORDER TO PROVIDE A SAFE CONNECTION TO THE EXISTING STREET PAVEMENT.
- STORM DRAINAGE SUMP SHALL NOT BE ALLOWED TO ACCEPT WATER UNTIL SECURED BY PERMANENT FENCING OR IN THE CASE OF SHALLOW UNFENCED SUMPS NOT UNTIL COMPLIANCE WITH DEPTH AND SIDE SLOPE CRITERIA AS SET BY THE KERN COUNTY DEVELOPMENT STANDARDS, DIVISION FOUR.
- ASPHALT REGENERATING AGENT SHALL BE APPLIED TO NEW ASPHALT CONCRETE PAVEMENT, AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THE PROVISIONS IN SECTION 37 "BITUMINOUS SEALS" OF THE STANDARD SPECIFICATIONS AND THE STATE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIAL PROVISIONS CURRENTLY IN EFFECT.
- PAVEMENT GRINDING IN ACCORDANCE WITH SECTION 42 OF THE STANDARD SPECIFICATIONS SHALL BE PROVIDED AS DIRECTED BY THE ENGINEER WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
- ALL FRAMES AND COVERS WITHIN THE ROADWAY SHALL BE RAISED TO FINISH GRADE PER PLATE R-62.
- UNDERGROUND UTILITIES INCLUDING SERVICES TO BE LOCATED WITHIN RIGHT-OF-WAY SHALL BE INSTALLED PRIOR TO SURFACING THE STREETS.
- UTILITY VAULTS INSTALLED IN SIDEWALK AREA SHALL HAVE NON-SKID SURFACES/LIDS.
- NOT USED.
- STREET SWEEPING, DRAINAGE, STREET LIGHTS, ETC. SHALL BE MAINTAINED BY COUNTY OF KERN MAINTENANCE DISTRICT.

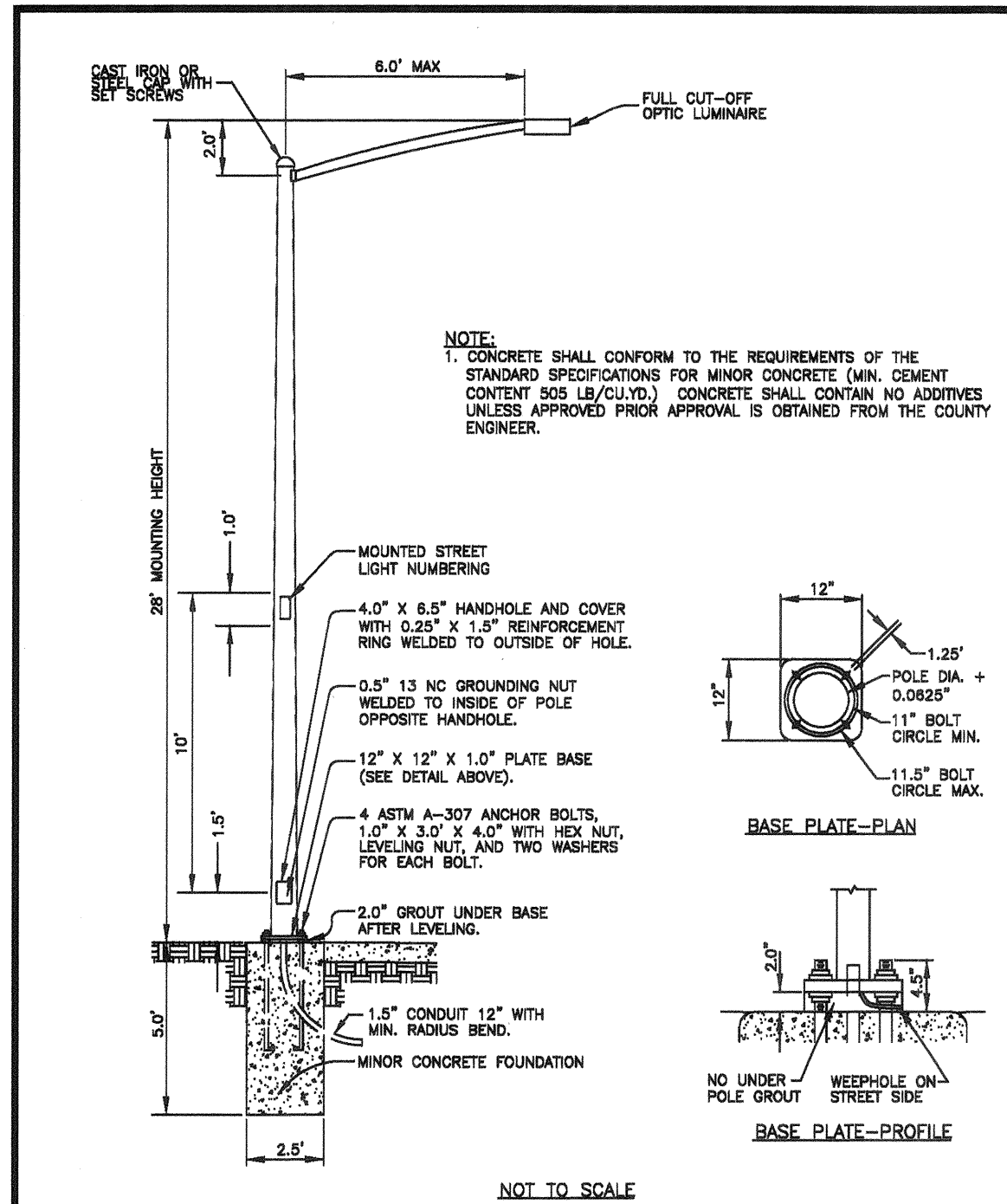
SWANSON ENGINEERING, INC.
 2000 Oak Street, Suite 150 ~ Bakersfield, CA 93301
 P: (805) 831-4919; F: (805) 872-4777

KERN COUNTY SPECIAL WASTE FACILITY
 SOUTHEAST CORNER OF DOWNING AVENUE AND WEAR STREET
 BAKERSFIELD, CALIFORNIA 93308

NOTES AND DETAILS

DATE: _____ DESCRIPTION: _____
 DATE: _____ ENGINEER: JK
 JOB NO: 23-015 DATE: 12/18/25
 23015-ST01-R20.DWG
 2/2025
 Monday, March 23, 2026 9:27:31 AM

ST06
 SHEET 6 OF 7



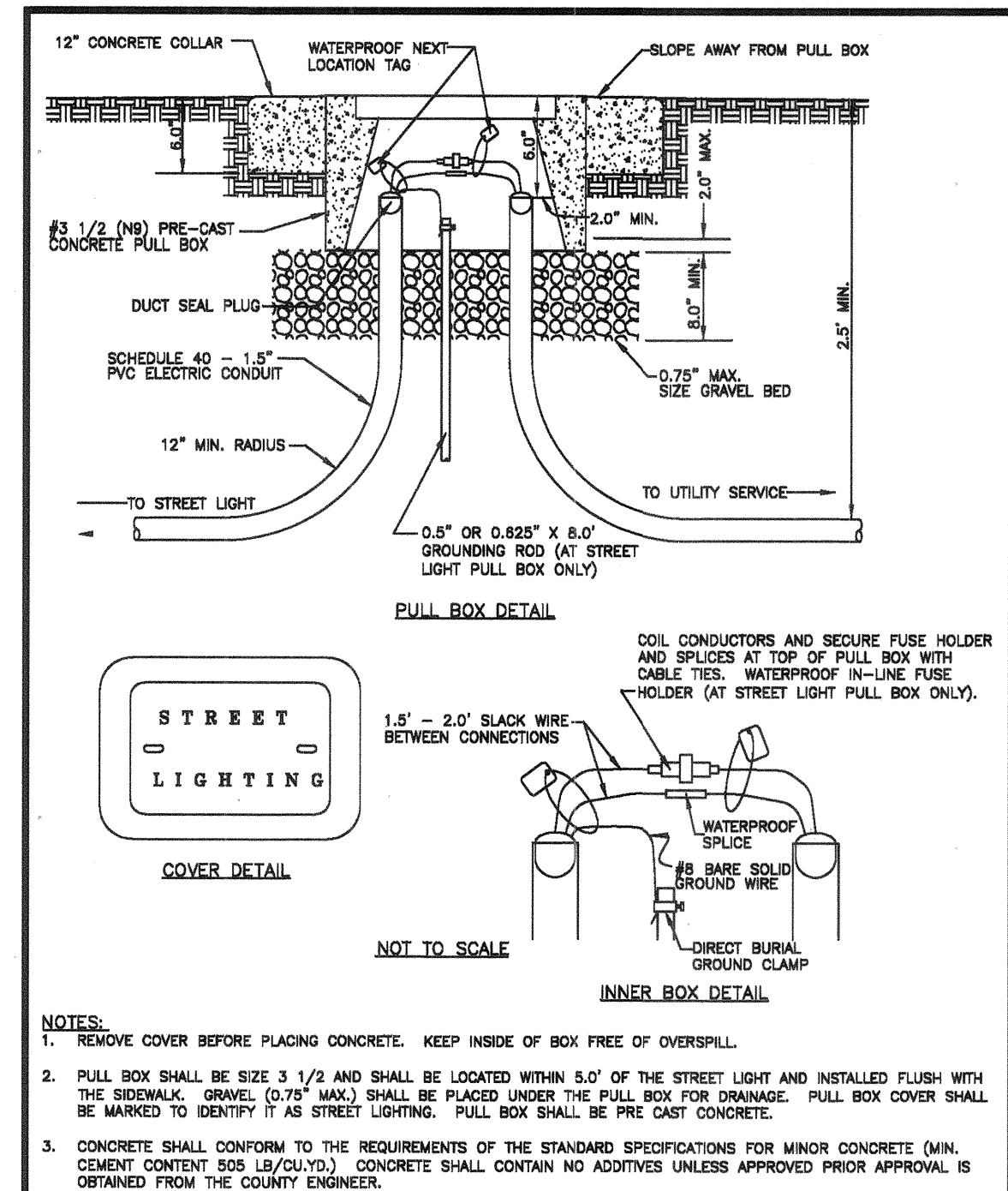
NOTE:
1. CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR MINOR CONCRETE (MIN. CEMENT CONTENT 505 LB/CU.YD.). CONCRETE SHALL CONTAIN NO ADVERTISEMENTS UNLESS APPROVED PRIOR APPROVAL IS OBTAINED FROM THE COUNTY ENGINEER.

REVISION	DATE	BY	CHKD.	APP'D.	DESCRIPTION

DRAWN BY: R.A.P.
 DESIGNED BY: J.L.C.
 DATE DRAFTED: 08/20/23
 APPROVED BY: J.L.C.

KERN COUNTY
 PUBLIC WORKS
 COUNTY OF KERN
 STATE OF CALIFORNIA
 DEVELOPMENT STANDARD

PLATE NO. R-75



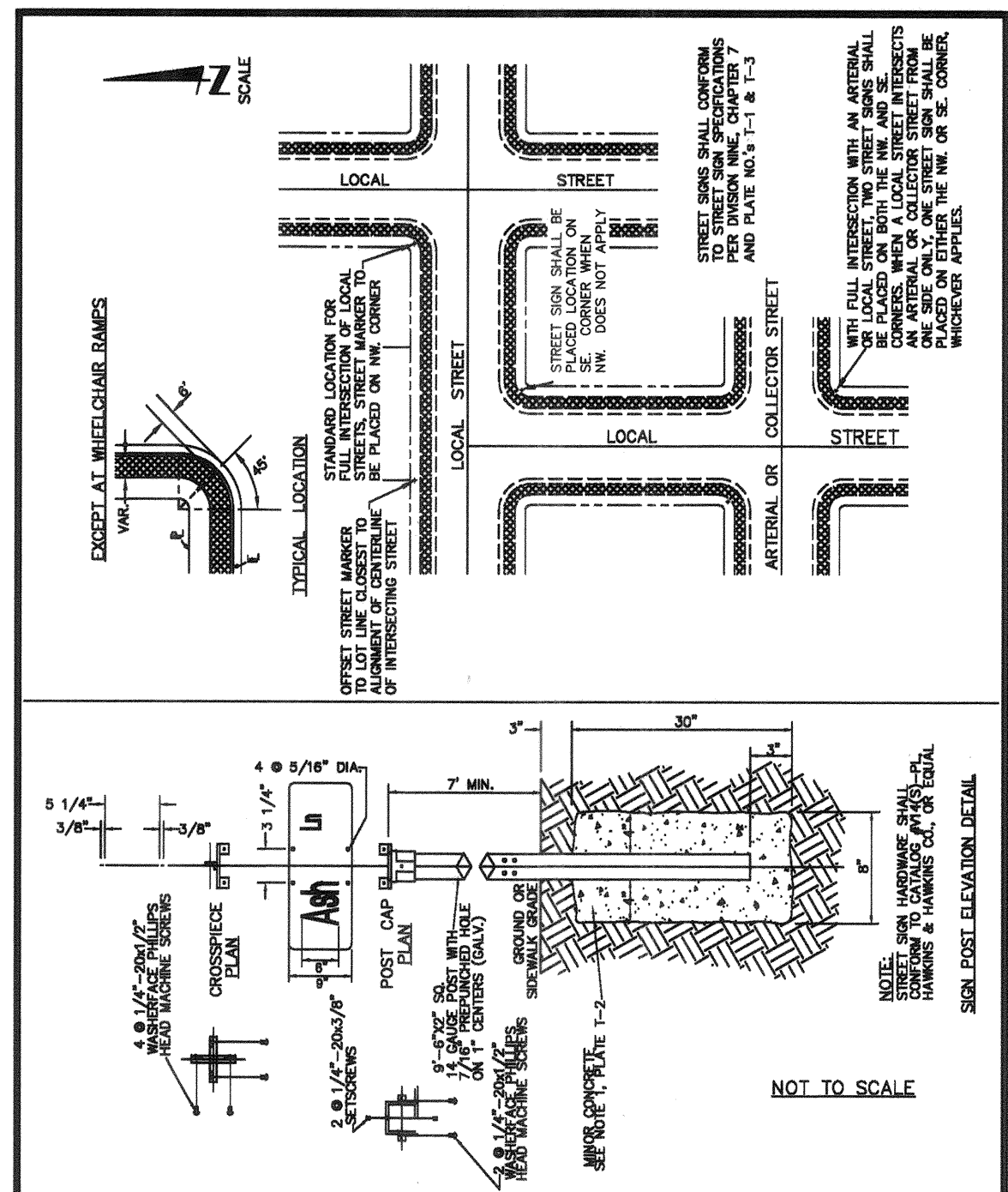
NOTE:
1. REMOVE COVER BEFORE PLACING CONCRETE. KEEP INSIDE OF BOX FREE OF OVERSPILL.
2. PULL BOX SHALL BE SIZE 3 1/2 AND SHALL BE LOCATED WITHIN 5.0' OF THE STREET LIGHT AND INSTALLED FLUSH WITH THE SIDEWALK. GRAVEL (3/4" MAX) SHALL BE PLACED UNDER THE PULL BOX FOR DRAINAGE. PULL BOX COVER SHALL BE MARKED TO IDENTIFY IT AS STREET LIGHTING. PULL BOX SHALL BE PRE CAST CONCRETE.
3. CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR MINOR CONCRETE (MIN. CEMENT CONTENT 505 LB/CU.YD.). CONCRETE SHALL CONTAIN NO ADVERTISEMENTS UNLESS APPROVED PRIOR APPROVAL IS OBTAINED FROM THE COUNTY ENGINEER.

REVISION	DATE	BY	CHKD.	APP'D.	DESCRIPTION

DRAWN BY: R.A.P.
 DESIGNED BY: J.L.C.
 DATE DRAFTED: 08/20/23
 APPROVED BY: J.L.C.

KERN COUNTY
 PUBLIC WORKS
 COUNTY OF KERN
 STATE OF CALIFORNIA
 DEVELOPMENT STANDARD

PLATE NO. R-76



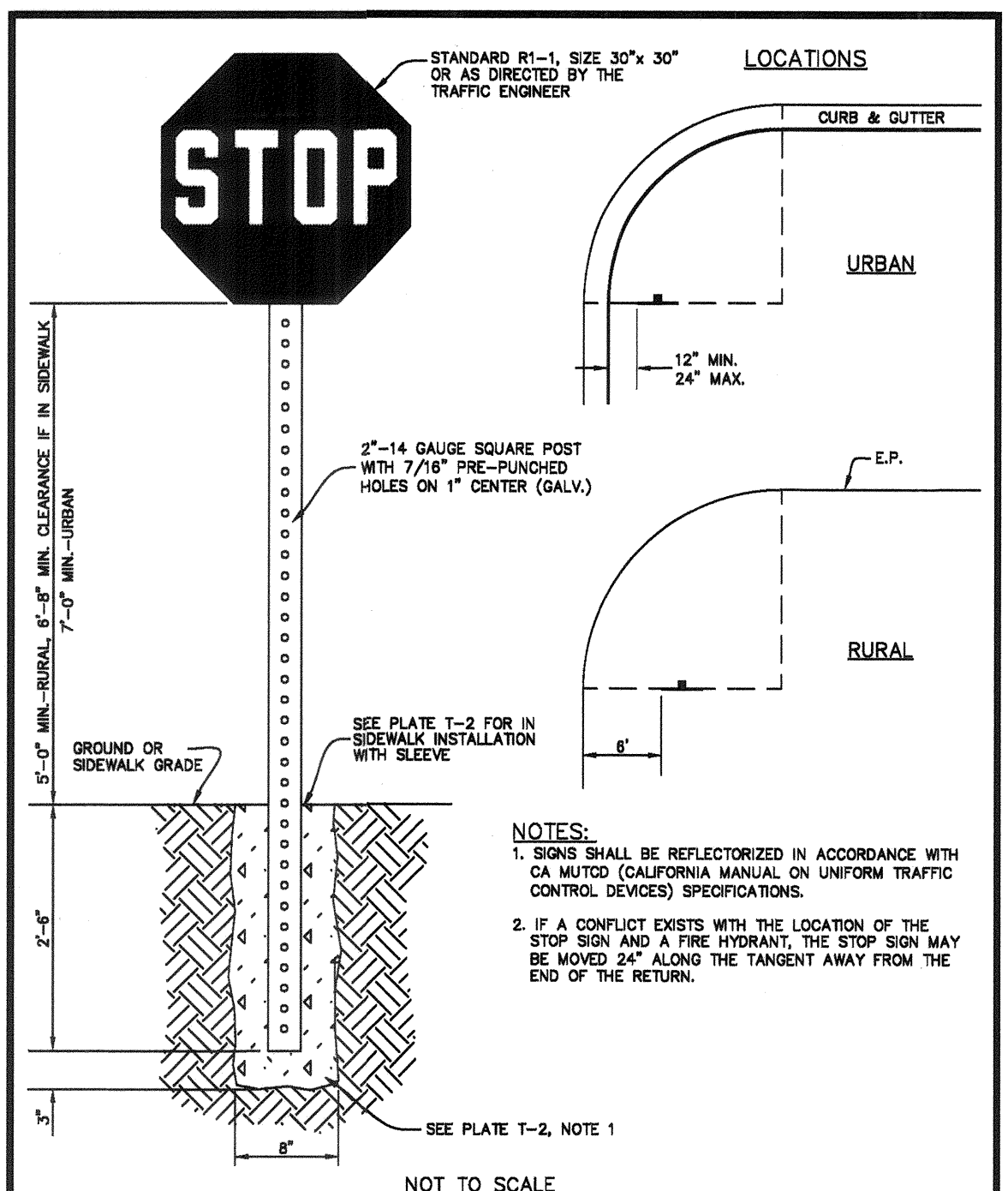
NOTE:
1. SIGNS SHALL BE REFLECTORIZED IN ACCORDANCE WITH CA MUTCD CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES SPECIFICATIONS.
2. IF A CONFLICT EXISTS WITH THE LOCATION OF THE STOP SIGN AND A FIRE HYDRANT, THE STOP SIGN MAY BE MOVED 24" ALONG THE TANGENT AWAY FROM THE END OF THE RETURN.

REVISION	DATE	BY	CHKD.	APP'D.	DESCRIPTION

DRAWN BY: R.A.P.
 DESIGNED BY: J.L.C.
 DATE DRAFTED: 08/20/23
 APPROVED BY: J.L.C.

KERN COUNTY
 PUBLIC WORKS
 COUNTY OF KERN
 STATE OF CALIFORNIA
 DEVELOPMENT STANDARD

PLATE NO. T-1



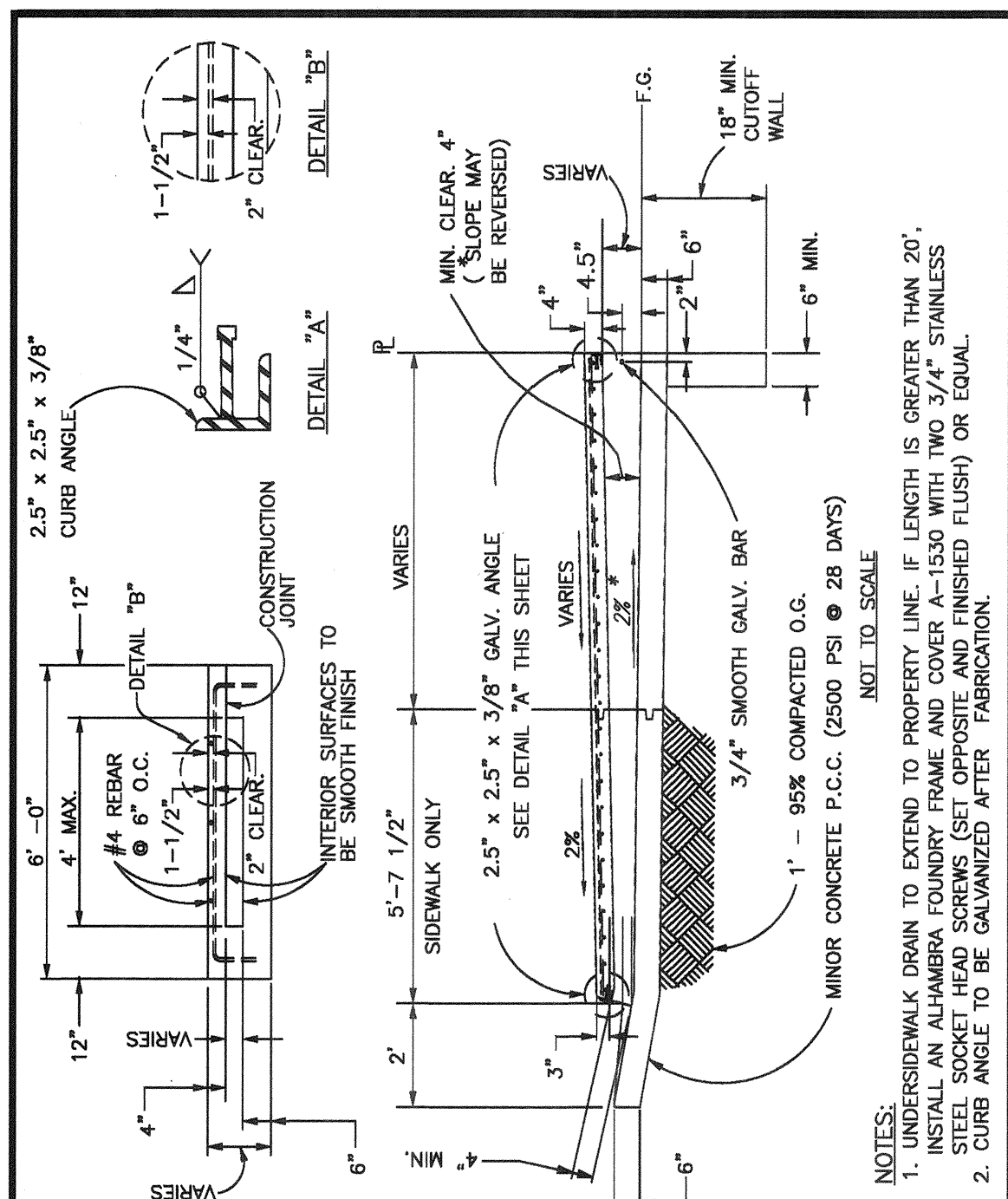
NOTE:
1. SIGNS SHALL BE REFLECTORIZED IN ACCORDANCE WITH CA MUTCD CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES SPECIFICATIONS.
2. IF A CONFLICT EXISTS WITH THE LOCATION OF THE STOP SIGN AND A FIRE HYDRANT, THE STOP SIGN MAY BE MOVED 24" ALONG THE TANGENT AWAY FROM THE END OF THE RETURN.

REVISION	DATE	BY	CHKD.	APP'D.	DESCRIPTION

DRAWN BY: R.A.P.
 DESIGNED BY: J.L.C.
 DATE DRAFTED: 08/20/23
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KERN COUNTY
 PUBLIC WORKS
 COUNTY OF KERN
 STATE OF CALIFORNIA
 DEVELOPMENT STANDARD

PLATE NO. T-4



NOTE:
1. UNDERSIDWALK DRAIN TO EXTEND TO PROPERTY LINE IF LENGTH IS GREATER THAN 20'.
2. INSTALL AN ALUMINUM FRAME AND COVER A-1530 WITH TWO 3/4" STAINLESS STEEL SOCKET HEAD SCREWS (SET OPPOSITE AND FINISHED FLUSH) OR EQUAL.
3. CURB ANGLE TO BE GALVANIZED AFTER FABRICATION.

REVISION	DATE	BY	CHKD.	APP'D.	DESCRIPTION

DRAWN BY: R.A.P.
 DESIGNED BY: J.L.C.
 DATE DRAFTED: 08/20/23
 APPROVED BY: J.L.C.

KERN COUNTY
 PUBLIC WORKS
 COUNTY OF KERN
 STATE OF CALIFORNIA
 DEVELOPMENT STANDARD

PLATE NO. R-74

SWANSON ENGINEERING, INC.

2000 Oak Street, Suite 150 ~ Bakersfield, CA 93301
P-(661) 831-0919; F-(661) 873-1777

REGISTERED PROFESSIONAL ENGINEER
No. 40062
CIVIL
STATE OF CALIFORNIA

LIC # 40232

DATE: _____ DESCRIPTION: _____

BY: _____

DATE: 12/19/25 JOB NO.: 23-015 ENGINEER: TK

KERN COUNTY SPECIAL WASTE FACILITY
SOUTHEAST CORNER OF DOWNING AVENUE AND WEAR STREET
BAKERSFIELD, CALIFORNIA 93308

NOTES AND DETAILS

23015-ST07-RZ.DWG

Monday, March 23, 2026 9:31:18 AM

ST07

SHEET 7 OF 7

KERN COUNTY SPECIAL WASTE FACILITY



WAREHOUSE
SEC OF DOWNING AVENUE & WEAR STREET
BAKERSFIELD, CALIFORNIA



PROJECT ANALYSIS

SCOPE OF WORK

THIS PROJECT INVOLVES THE CONSTRUCTION OF A NEW SPECIAL WASTE FACILITY IN BAKERSFIELD, CALIFORNIA. THE NEW FACILITY WILL INCLUDE A LARGE WAREHOUSE AREA WHERE HOUSEHOLD WASTE MATERIALS WILL BE STORED, TESTED, & PREPARED FOR DISPOSAL. A FLAMMABLE BULKING ROOM WILL BE USED TO BLEND & STORE FLAMMABLE MATERIALS. A STOP IN SHOP AREA FOR REDISTRIBUTING SALVAGEABLE MATERIALS & OFFICES FOR ADMINISTRATION USE WILL BE LOCATED NEXT TO THE WAREHOUSE.

GOVERNING CODES

ZONING: BAKERSFIELD MUNICIPAL CODE, TITLE 17 ZONING
BUILDING CODE: 2022 TITLE 24, PART 2, CALIFORNIA BUILDING STANDARDS CODE
ELECTRICAL CODE: 2022 TITLE 24, PART 3, CALIFORNIA ELECTRICAL CODE
MECHANICAL CODE: 2022 TITLE 24, PART 4, CALIFORNIA MECHANICAL CODE
PLUMBING CODE: 2022 TITLE 24, PART 5, CALIFORNIA PLUMBING CODE
ENERGY CODE: 2022 TITLE 24, PART 6, CALIFORNIA ENERGY CODE
FIRE CODE: 2022 TITLE 24, PART 9, CALIFORNIA FIRE CODE

PROJECT LOCATION

AUTHORITY HAVING JURISDICTION: COUNTY OF KERN
APN: 452-070-20
ZONING: M-2 PD
SITE PLAN REVIEW: -

NEW CONSTRUCTION CLASSIFICATION

OCCUPANCY TYPE: MIED-USE, SEPARATED
OCCUPANCY GROUP(S): A-3, B, H-2, M, S-2
CONSTRUCTION TYPE: II-B, V-B
SPRINKLERS: NFPA 13, FULLY-SPRINKLERED

BUILDING AREA

BUILDING AREA:	
BREEZEWAY/COVERED DROPOFF:	6,542 S.F.
COVERED STAGING/LOADING AREA:	7,397 S.F.
WAREHOUSE:	10,800 S.F.
TOTAL:	34,739 S.F.

PARKING REQUIREMENTS

PARKING REQUIRED:	
OFFICE (4,460 S.F. @ 1 SPACES PER 250 S.F.):	18 SPACES
RETAIL (629 S.F. @ 1 SPACES PER 250 S.F.):	3 SPACES
WAREHOUSE (10,800 S.F. @ 1 SPACES PER 1,000 S.F.):	10 SPACES
WAREHOUSE (4,220 S.F. @ 1 SPACES PER 3,000 S.F.):	2 SPACES
TOTAL:	33 SPACES

ACCESSIBLE PARKING REQUIRED:

STANDARD ACCESSIBLE:	2 SPACES
VAN ACCESSIBLE:	1 SPACE
TOTAL REQUIRED:	3 SPACES

PARKING PROVIDED:

VISITOR PARKING:	
STANDARD PARKING:	26 SPACES
ACCESSIBLE PARKING:	
STANDARD ACCESSIBLE:	1 SPACE
VAN ACCESSIBLE:	1 SPACE
ELECTRIC VEHICLE CHARGING STATIONS:	
EV CAPABLE:	8 SPACES
EVCS:	2 SPACES
ACCESSIBLE ELECTRIC VEHICLE CHARGING STATIONS:	
STANDARD EV ACCESSIBLE:	1 SPACE
VAN EV ACCESSIBLE:	1 SPACE
TOTAL PROVIDED:	38 SPACES
STAFF PARKING:	
STANDARD PARKING:	32 SPACES
ACCESSIBLE PARKING:	
STANDARD ACCESSIBLE:	1 SPACE
VAN ACCESSIBLE:	1 SPACE
ELECTRIC VEHICLE CHARGING STATIONS:	
EV CAPABLE:	8 SPACES
EVCS:	2 SPACES
ACCESSIBLE ELECTRIC VEHICLE CHARGING STATIONS:	
STANDARD EV ACCESSIBLE:	1 SPACE
VAN EV ACCESSIBLE:	1 SPACE
TOTAL PROVIDED:	44 SPACES

▲ PARKING PROVIDED HAS BEEN UPDATED

GENERAL NOTES

- VERIFY AT SITE ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- EQUIPMENT AND ITEMS INDICATED AS NOT BEING INCLUDED IN THE CONTRACT (N.I.C.) SHALL BE PERFORMED WITH THE OWNER'S REPRESENTATIVE AS TO SIZE, SHAPE AND UTILITY REQUIREMENTS TO INSURE COMPLETE AND PROPER INSTALLATION AND OPERATION.
- ALL MANUFACTURED MATERIAL, EQUIPMENT, AND SYSTEMS SHALL BE INSTALLED AS DIRECTED BY THE MANUFACTURER UNLESS SPECIFIED TO THE CONTRARY AND ONLY IF SUCH CONFLICT IS FIRST VERIFIED WITH THE ARCHITECT IN WRITING.
- THE CONTRACTOR SHALL CAREFULLY EXAMINE THE PROJECT AREA AND SHALL HAVE SATISFIED HIMSELF AS TO THE EXISTING CONDITIONS AND THE CONDITIONS UNDER WHICH HE WILL BE OBLIGED TO OPERATE, OR WILL IN ANY MANNER EFFECT THE WORK UNDER THE CONTRACT.
- WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.
- IN THE EVENT OF CONFLICTING STATEMENTS OR REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN SUFFICIENT TIME TO PERMIT THE ISSUANCE OF WRITTEN CLARIFICATION.
- ALL WORK PERFORMED SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES AND ORDINANCES.
- FIRE MARSHAL SHALL CONFIRM NUMBER AND LOCATION OF ALL FIRE EXTINGUISHERS.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND APPROVAL OF THE FIRE SPRINKLER AND ALARM SYSTEM MODIFICATIONS.
- CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR CLEAN-UP AS JOB PROGRESSES.
- EXISTING WORK IS SHOWN FOR REFERENCE ONLY. THE TENDANT/OWNER AND ARCHITECT DO NOT GUARANTEE EXISTING CONDITIONS AS SHOWN ON THESE DRAWINGS.
- THE CONTRACTOR SHALL INVESTIGATE EXISTING CONDITIONS TO ASCERTAIN WORK REQUIRED AND INCLUDE ALL NECESSARY PATCHING AND REFINISHING.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING EQUIPMENT, ACCESSORY, DOOR, HARDWARE, PLUMBING, MECHANICAL, ELECTRICAL, LANDSCAPE, FRESH CABINETS, ETC. SUBMITTALS TO ARCHITECT FOR REVIEW AND APPROVAL BY THE ARCHITECT AND TENANT/OWNER PRIOR TO INSTALLATION. THE CONTRACTOR IS RESPONSIBLE FOR ANY EQUIPMENT, ACCESSORIES, DOOR, HARDWARE, PLUMBING, MECHANICAL, ELECTRICAL, LANDSCAPE, FINISHES, CABINETS, ETC. THAT ARE NOT APPROVED IN WRITING BY THE ARCHITECT AND TENANT/OWNER.
- GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL REVIEW ALL CONSTRUCTION DOCUMENTS, I.E. ARCHITECTURAL, CIVIL, STRUCTURAL, PLUMBING, MECHANICAL, ELECTRICAL, LANDSCAPE, AND ANY WRITTEN DOCUMENTS, FOR THE PURPOSE OF COORDINATION OF SYSTEMS INSTALLATION PRIOR TO START OF CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND SUBCONTRACTORS TO NOTIFY THE ARCHITECT IN WRITING FOR CLARIFICATION OF ANY DISCREPANCIES BETWEEN PLANS AND DOCUMENTS PRIOR TO BEGINNING CONSTRUCTION.

PLUMBING FIXTURE REQUIREMENTS

BUILDING TOTAL						
PLUMBING FIXTURES REQUIRED:						
	WATER CLOSETS	URINALS	LAVS.	BATH/TUBS/ SHOWERS	DRINKING FOUNTAINS	OTHER
MEN	0.42	0.18	0.23	-	-	1 SERVICE SINK OR LAUNDRY TRAY
WOMEN	0.71	-	0.33	-	0.32	-

'A'-3' OCCUPANCY

FUNCTION OF SPACE	FLOOR AREA PER OCCUPANT (SQ. FT.)	FLOOR AREA (SQ. FT.)	NUMBER OF OCCUPANTS
ASSEMBLY, UNCONCENTRATED	30 NET	596	19.9

'B' OCCUPANCY

FUNCTION OF SPACE	FLOOR AREA PER OCCUPANT (SQ. FT.)	FLOOR AREA (SQ. FT.)	NUMBER OF OCCUPANTS
BUSINESS AREAS	150 GROSS	1902	12.7

'C' OCCUPANCY

FUNCTION OF SPACE	FLOOR AREA PER OCCUPANT (SQ. FT.)	FLOOR AREA (SQ. FT.)	NUMBER OF OCCUPANTS
MERCANTILE	100 GROSS	629	6.3

'S'-2' OCCUPANCY

FUNCTION OF SPACE	FLOOR AREA PER OCCUPANT (SQ. FT.)	FLOOR AREA (SQ. FT.)	NUMBER OF OCCUPANTS
STORAGE	400 GROSS	13,629	3.4
DISTRIBUTION	500 GROSS	14,365	29.1

SPECIAL INSPECTIONS

LIST OF SPECIAL INSPECTIONS

PER SECTION 17090.5.2.1 GARAGE DOORS SHALL BE TESTED IN ACCORDANCE WITH OTHER ASTM E330 OR ANCI/DASMA 108 AND SHALL MEET THE PASS/FAIL CRITERIA OF ANCI/DASMA 108. GARAGE DOORS AND ROLLING DOORS SHALL BE LABELED WITH A PERMANENT LABEL IDENTIFYING THE DOOR MANUFACTURER, THE DOOR MODEL/SERIES NUMBER, THE POSITIVE AND NEGATIVE DESIGN WIND PRESSURE RATING, THE INSTALLATION INSTRUCTION DRAWING REFERENCE NUMBER, AND THE APPLICABLE TEST STANDARD.

- SMOKE CONTROL SYSTEMS TESTING
- *SEE SHEET S11 FOR ADDITIONAL SPECIAL INSPECTION INFORMATION.

DEFERRED SUBMITTAL

DEFERRED SUBMITTALS ARE DEFINED AS THOSE PORTIONS OF THE DESIGN WHICH ARE NOT SUBMITTED AT THE TIME OF THE PERMIT APPLICATION AND WHICH ARE TO BE SUBMITTED TO THE BUILDING OFFICIAL WITHIN A SPECIFIED PERIOD.

SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

LIST OF DEFERRED ITEMS

- FINAL SOLS REPORT	- EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM
- ROUGH GRADE CERTIFICATE	- BUILDING SIGNAGE APPLICATION
- FIRE ALARMS	- WELDING CERTIFICATE
- FINAL GRADE CERTIFICATE	- LIGHT POLE FOUNDATION DESIGN
- PRE-FABRICATED ROOF TRUSSES	- PHOTOVOLTAIC SYSTEM DESIGN
- KNOX BOXES AT ENTRY GATES	

▲ 1 WELDING CERTIFICATE HAS BEEN ADDED TO LIST OF DEFERRED SUBMITTALS
▲ 2 LIGHT POLE FOUNDATION DESIGN HAS BEEN ADDED TO LIST OF DEFERRED SUBMITTALS
▲ 1 PV DESIGN HAS BEEN ADDED TO LIST OF DEFERRED SUBMITTALS

SHEET INDEX

T100	TITLE SHEET
T101	FINISH MATERIAL CERTIFICATES & CONSTRUCTION WASTE MANAGEMENT PLAN
T102	OCCUPANCY DIAGRAM
T103	OCCUPANT LOAD & EXITING DIAGRAM

CIVIL

C1	COVER SHEET
C2	GRADING PLAN - NORTH
C3	GRADING PLAN - SOUTH
C4	GRADING DETAILS
C5	SITE UTILITY PLAN
C6	UTILITY DETAILS
C7	PAVEMENT PLAN
C8	BMP PLAN
C9	BMP DETAILS

ARCHITECTURAL

A100	SITE PLAN
A210	OVERALL FLOOR PLAN
A211	ENLARGED FLOOR PLAN - NORTH
A212	ENLARGED FLOOR PLAN - SOUTH
A213	FLOOR PLAN DETAILS
A214	DOOR SCHEDULE
A310	OVERALL REFLECTED CEILING PLAN
A311	ENLARGED REFLECTED CEILING PLAN - NORTH
A312	ENLARGED REFLECTED CEILING PLAN - SOUTH
A400	ROOF PLAN
A500	BUILDING SECTIONS
A510	ENLARGED WALL SECTIONS
A600	ENLARGED WALL SECTIONS
A610	INTERIOR ELEVATIONS
A700	EXTERIOR ELEVATIONS
A810	OVERALL FINISH PLAN
A811	ENLARGED FINISH PLAN - NORTH
A812	ENLARGED FINISH PLAN - SOUTH
AD1	DETAILS
AD2	DETAILS
AD3	DETAILS

STRUCTURAL

S11	GENERAL STRUCTURAL NOTES
S11A	SPECIAL INSPECTION TABLES
S11B	SPECIAL INSPECTION TABLES
S12	GENERAL STRUCTURAL DETAILS
S13	GENERAL STRUCTURAL DETAILS
S14	GENERAL STRUCTURAL DETAILS
S2.1	FOUNDATION PLAN
S2.2	ROOF FRAMING PLAN
S3.1	FOUNDATION DETAILS
S3.2	FOUNDATION DETAILS
S4.1	ROOF FRAMING DETAILS
S4.2	ROOF FRAMING DETAILS
S4.3	ROOF FRAMING DETAILS
S4.4	ROOF FRAMING DETAILS

PLUMBING

P100	PLUMBING SITE PLAN & DETAILS
P210	PLUMBING FLOOR PLAN
P211	PLUMBING ENLARGED FLOOR PLAN

MECHANICAL

M100	GENERAL MECHANICAL NOTES / MECHANICAL SITE PLAN
M210	PARTIAL MECHANICAL FLOOR PLAN - NORTH
M211	PARTIAL MECHANICAL FLOOR PLAN - SOUTH
M400	MECHANICAL ROOF PLAN
M500	MECHANICAL SECTIONS
M600	MECHANICAL SECTIONS
M601	MECHANICAL DETAILS
M700	MECHANICAL EXTERIOR ELEVATIONS
M800	T-24 ANALYSIS
M801	T-24 ANALYSIS

ELECTRICAL

E001	ELECTRICAL GENERAL NOTES
E002	ELECTRICAL FIXTURE SCHEDULE
E003	LIGHTING COMPLIANCE CERTIFICATES
E004	LIGHTING COMPLIANCE CERTIFICATES
E005	LIGHTING COMPLIANCE CERTIFICATES
E100	ELECTRICAL SITE PLAN
E101	SITE LIGHTING PLAN
E102	SITE LIGHTING PHOTOMETRIC PLAN
E211	ENLARGED POWER FLOOR PLAN - NORTH
E212	ENLARGED POWER FLOOR PLAN - SOUTH
E311	ENLARGED LIGHTING FLOOR PLAN - NORTH
E312	ENLARGED LIGHTING FLOOR PLAN - SOUTH
E400	ELECTRICAL ROOF PLAN

LANDSCAPE

LCS	TITLE SHEET
L.C.01	CONSTRUCTION PLAN
L.CC.01	CONSTRUCTION DETAILS
L.D.01	IRRIGATION SCHEDULE
L.L.01	IRRIGATION PLAN
L.P.00	PLANTING SCHEDULE & NOTES
L.P.01	PLANTING PLAN
L.D.01	IRRIGATION/PLANTING DETAILS
L.D.02	IRRIGATION/PLANTING DETAILS
L.D.03	IRRIGATION/PLANTING DETAILS
L.SR.01	SOLS ANALYSIS

FIRE SPRINKLERS

FP001	FIRE SPRINKLER COVER SHEET AND LEGENDS
FP002	FIRE SPRINKLER NOTES
FP003	FIRE SPRINKLER REFERENCE SITE PLAN
FP210	FIRE SPRINKLER PIPING PLAN
FP310	FIRE SPRINKLER REFLECTED CEILING PLAN
FP500	FIRE SPRINKLER DETAILS AND BUILDING CROSS SECTION

CONTACT INFORMATION

OWNER

KERN COUNTY PUBLIC WORKS
2700 M STREET, SUITE 400
BAKERSFIELD, CA 93301
CONTACT: DENISE SAUCEDO saucedod@kerncounty.com

ARCHITECT

SKARPHOLFRANK ASSOCIATES
925 17TH STREET
BAKERSFIELD, CA 93301
CONTACT: GREG FRANK greg@skarpholfrank.com

CIVIL ENGINEER

SWANSON ENGINEERING, INC.
2000 OAK STREET, SUITE 150
BAKERSFIELD, CA 93301
CONTACT: JUSTIN SWANSON justin@swansonengr.com

STRUCTURAL ENGINEER

WHEELER & CRAY, INC.
1333 SOUTH MAYFLOWER AVENUE, SUITE 320
MONROVIA, CA 91016
CONTACT: YUCHEN TSAI ytsai@wheelerandcray.com

PLUMBING/MECHANICAL ENGINEER

BASKIN MECHANICAL ENGINEERS
175 FULTON STREET
FRESNO, CALIFORNIA 93721
CONTACT: MARK BASKIN mbaskinme.com

ELECTRICAL ENGINEER

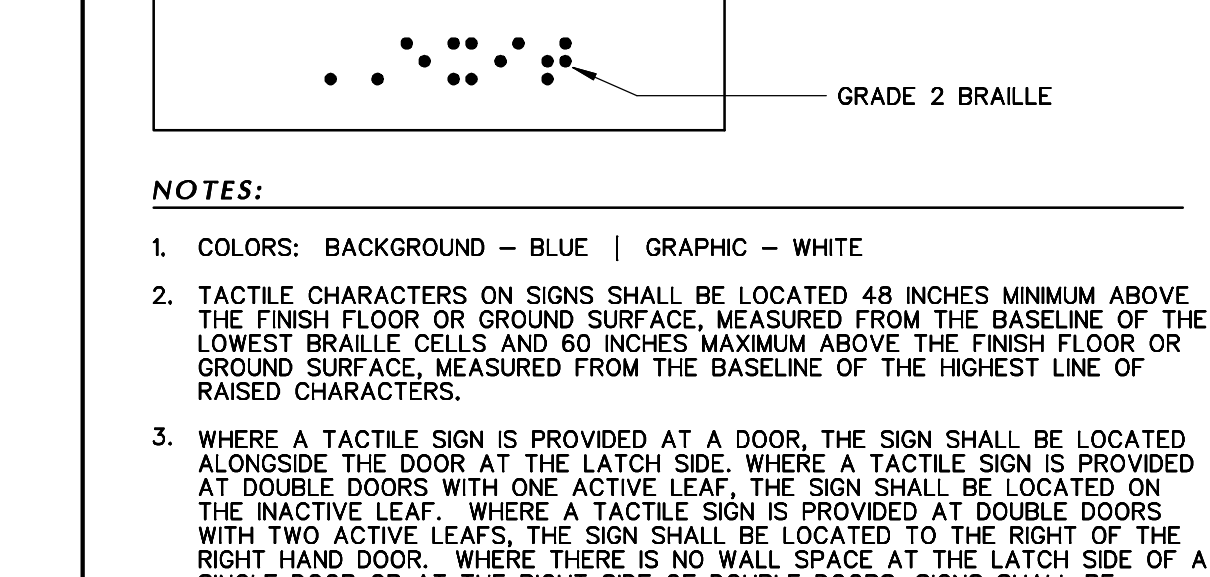
JMPE ELECTRICAL ENGINEERING
5500 MING AVENUE
BAKERSFIELD, CA 93309
CONTACT: JOHN MALONEY maloney@jmpe.com

LANDSCAPE ARCHITECT

LANDSCAPE DEVELOPMENT, INC.
468 POLI STREET, SUITE 2E
VENTURA, CA 93001
CONTACT: MICHAEL McDONNELL mmcdonnell@landscapedevelopment.com

FIRE SPRINKLER DESIGN

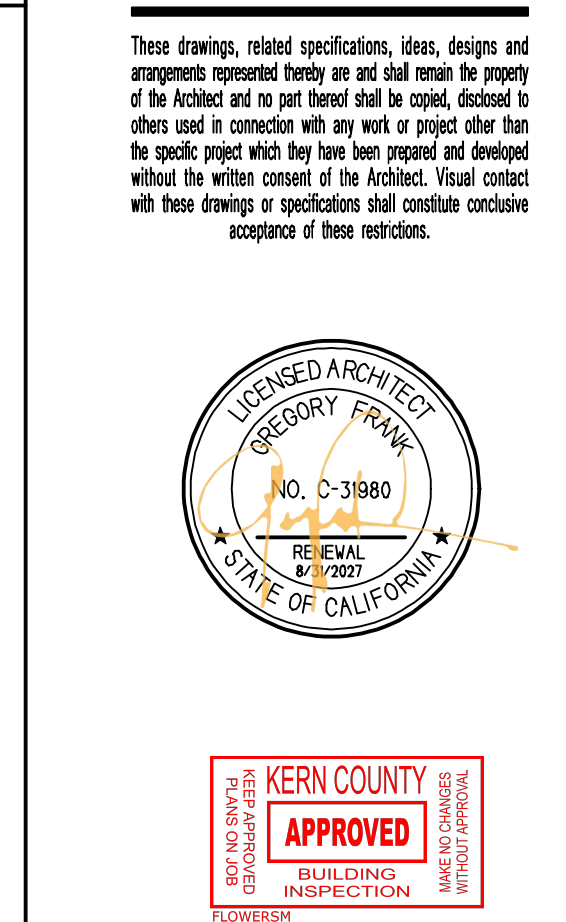
FIRE SPRINKLER DESIGN SERVICES
CONTACT: SHARON ALVES firesprinklerdesignservices@gmail.com



NOTES:

- COLORS: BACKGROUND - BLUE | GRAPHIC - WHITE
- 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.
- WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN 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. EXCEPTION: IN ALTERATIONS WHERE SIGN INSTALLATION LOCATIONS IDENTIFIED IN SECTION 11B-703.4.2 ARE OBSTRUCTED OR OTHERWISE UNAVAILABLE FOR SIGN INSTALLATION, SIGNS WITH TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES.
- TACTILE EXIT SIGNS SHALL BE REQUIRED AT THE FOLLOWING LOCATIONS:
 - EACH GRADE-LEVEL EXTERIOR EXIT DOOR THAT IS REQUIRED TO COMPLY WITH SECTION 1013.1, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS, "EXIT."
 - EACH EXIT DOOR THAT IS REQUIRED TO COMPLY WITH SECTION 1013.1, AND THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF A STAIRWAY OR RAMP SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE FOLLOWING WORDS AS APPROPRIATE:
 - "EXIT STAIR DOWN"
 - "EXIT RAMP DOWN"
 - "EXIT STAIR UP"
 - "EXIT RAMP UP"
 - EACH EXIT DOOR THAT IS REQUIRED TO COMPLY WITH SECTION 1013.1, AND THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN ENCLOSURE OR AN EXIT PASSAGEWAY SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE."
 - EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO COMPLY WITH SECTION 1013.1, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "TO EXIT."
- RAISED CHARACTER AND BRAILLE EXIT SIGNS SHALL COMPLY WITH CHAPTER 11A, SECTION 11A.3 OR CHAPTER 11B, SECTIONS 11B-703.1, 11B-703.2, 11B-703.3 AND 11B-703.5.

These drawings, related specifications, notes, designs and programmatic information are the property of Skarphol/Frank Associates and shall remain the property of the Architect and to not be loaned, copied, reproduced or used in connection with any work or project other than the specific project which has been prepared and developed without the written consent of the Architect. Visual contact with these drawings or specifications shall constitute conclusive evidence of loan hereunder.



10/3/2025, 1:46:48 PM
K20240865
Mackenzie Flowers

2/2/2026, 4:05:25 PM
K20240865
Dennis McNamara

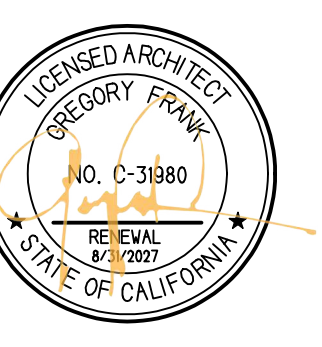


KERN COUNTY SPECIAL WASTE FACILITY
SEC OF DOWNING AVE & WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
12-05-2024	BUILDING DEPARTMENT SUBMITTAL
9-27-2025	BUILDING DEPARTMENT SUBMITTAL
9-16-2025	BUILDING DEPARTMENT SUBMITTAL

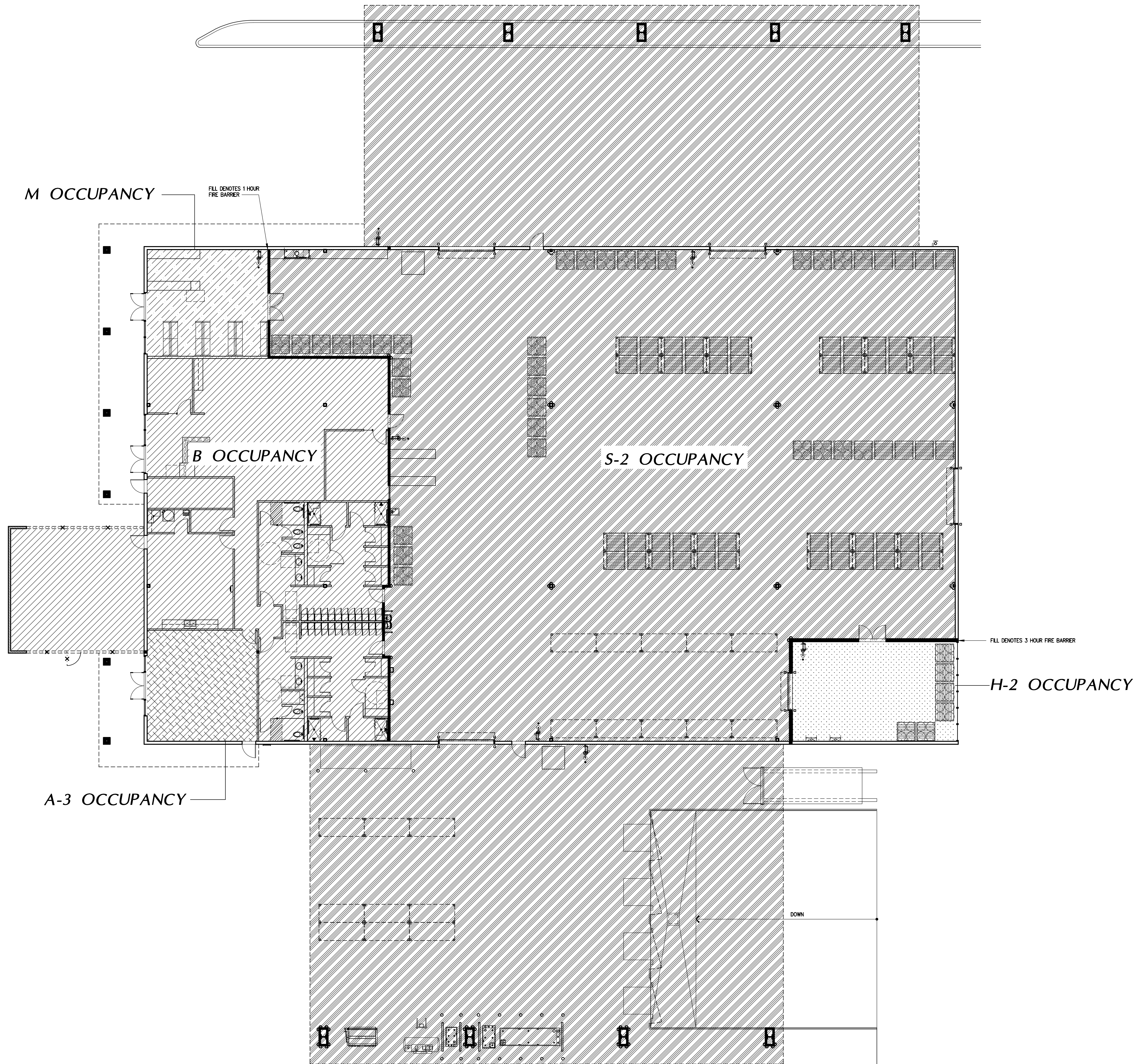
REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE

JOB	T100
DP	AC/JV
PM	GJF



10/2/2025, 1:47:15 PM
 K20240865
 Mackenzie Flowers

2/2/2025, 4:05:25 PM
 K20240865
 Dennis McNamara



LEGEND:

	ASSEMBLY
	BUSINESS
	MERCANTILE
	STORAGE
	HIGH HAZARD

ALLOWABLE AREA

A-3 OCCUPANCY FLOOR AREA (SQ. FEET), TYPE V-B CONSTRUCTION	598
EQUATION 5-1 $A_0 = A_1 \times (H_1/H_2)^2$ WHERE: A_0 = ALLOWABLE AREA (SQ. FEET) A_1 = TABULAR ALLOWABLE AREA FACTOR (SQ. FEET) H_1 = TABULAR ALLOWABLE AREA FACTOR (SQ. FEET) H_2 = AREA FACTOR INCREASE FOR FRONTAGE, SECTION 500.3	28,500
B OCCUPANCY FLOOR AREA (SQ. FEET), TYPE V-B CONSTRUCTION	5,302
EQUATION 5-1 $A_0 = A_1 \times (H_1/H_2)^2$ WHERE: A_0 = ALLOWABLE AREA (SQ. FEET) A_1 = TABULAR ALLOWABLE AREA FACTOR (SQ. FEET) H_1 = TABULAR ALLOWABLE AREA FACTOR (SQ. FEET) H_2 = AREA FACTOR INCREASE FOR FRONTAGE, SECTION 500.3	42,750
M OCCUPANCY FLOOR AREA (SQ. FEET), TYPE V-B CONSTRUCTION	642
EQUATION 5-1 $A_0 = A_1 \times (H_1/H_2)^2$ WHERE: A_0 = ALLOWABLE AREA (SQ. FEET) A_1 = TABULAR ALLOWABLE AREA FACTOR (SQ. FEET) H_1 = TABULAR ALLOWABLE AREA FACTOR (SQ. FEET) H_2 = AREA FACTOR INCREASE FOR FRONTAGE, SECTION 500.3	42,750
S-2 OCCUPANCY FLOOR AREA (SQ. FEET), TYPE V-B CONSTRUCTION	27,382
EQUATION 5-1 $A_0 = A_1 \times (H_1/H_2)^2$ WHERE: A_0 = ALLOWABLE AREA (SQ. FEET) A_1 = TABULAR ALLOWABLE AREA FACTOR (SQ. FEET) H_1 = TABULAR ALLOWABLE AREA FACTOR (SQ. FEET) H_2 = AREA FACTOR INCREASE FOR FRONTAGE, SECTION 500.3	64,225
H-2 OCCUPANCY FLOOR AREA (SQ. FEET), TYPE II-B CONSTRUCTION	812
EQUATION 5-1 $A_0 = A_1 \times (H_1/H_2)^2$ WHERE: A_0 = ALLOWABLE AREA (SQ. FEET) A_1 = TABULAR ALLOWABLE AREA FACTOR (SQ. FEET) H_1 = TABULAR ALLOWABLE AREA FACTOR (SQ. FEET) H_2 = AREA FACTOR INCREASE FOR FRONTAGE, SECTION 500.3	12,250
SUM OF RATIOS OF FLOOR AREAS TO ALLOWABLE AREAS	0.65 < 1.0 COMPLEX

OCCUPANCY DIAGRAM

3/32"

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

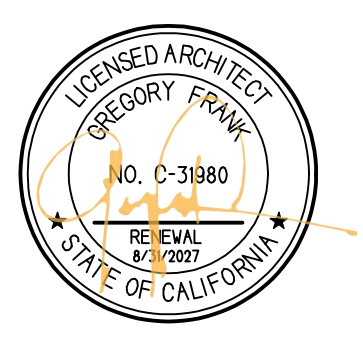
SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
12-5-2024	BUILDING DEPARTMENT SUBMITTAL
5-27-2025	BUILDING DEPARTMENT SUBMITTAL
9-16-2025	BUILDING DEPARTMENT SUBMITTAL

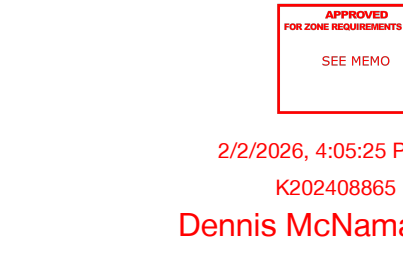
REVISION	DESCRIPTION
1	5-27-25 BUILDING DEPARTMENT COMPLIANCE
2	9-16-25 BUILDING DEPARTMENT COMPLIANCE

JOB 7005	T102
DP AC/JV	
PM GJF	

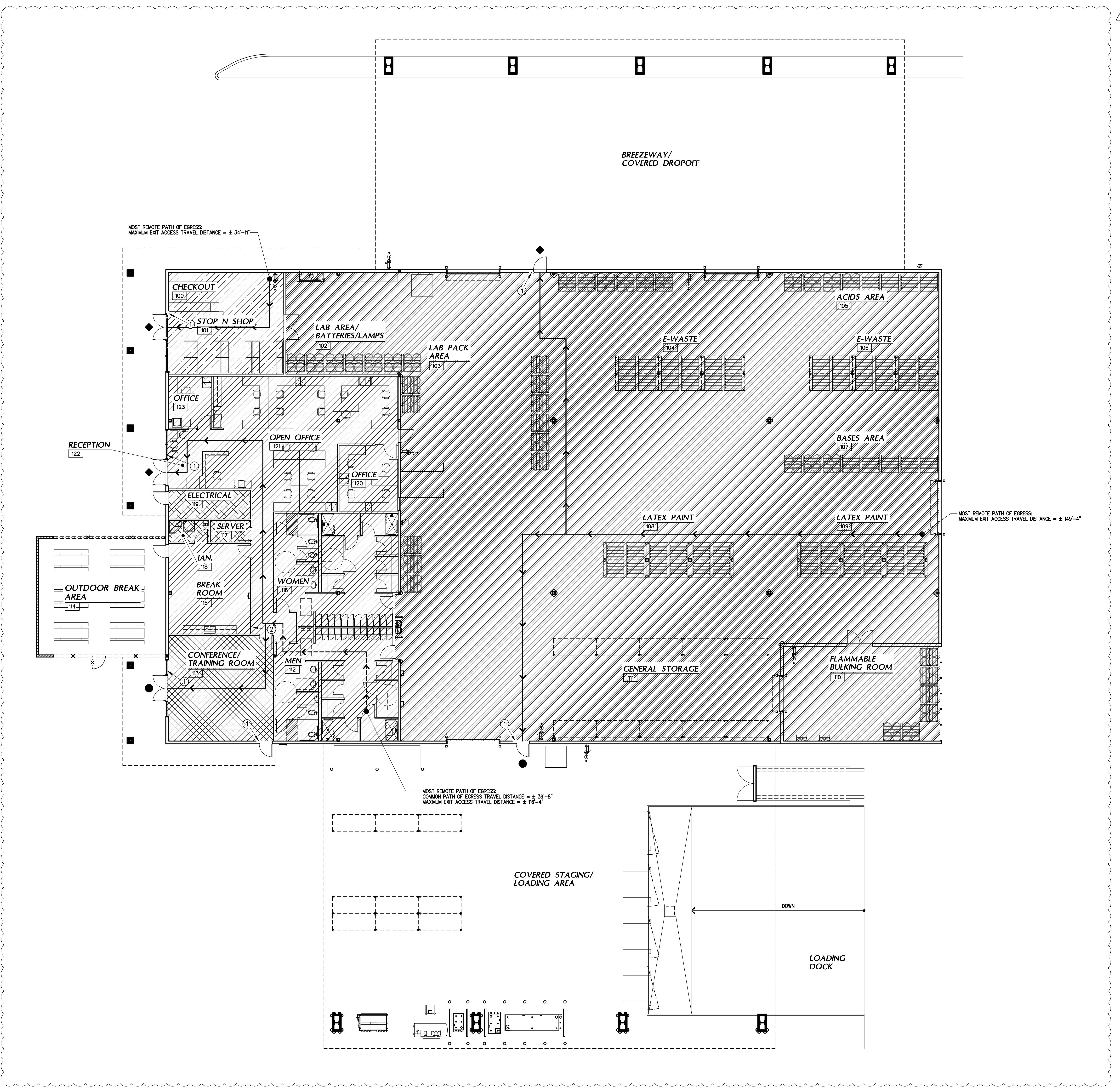
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Mackenzie Flowers



Dennis McNamara



LEGEND:

- ◆ PRIMARY EXIT - PROVIDE TACTILE EXIT SIGN ADJACENT TO DOOR PER DETAIL THIS SHEET
- REQUIRED EXIT - PROVIDE TACTILE EXIT SIGN ADJACENT TO DOOR PER DETAIL THIS SHEET
- DENOTES COMMON PATH OF EGRESS TRAVEL
- DENOTES DIRECTION OF EXIT PATH
- ① NEW TACTILE EXIT SIGN LOCATED @ 48" AFF. - TEXT SHALL READ "EXIT" w/ MIN. CHARACTER HEIGHT OF 6 INCHES - BRAILLE SHALL BE DOTS 1/10 INCH O.C. w/ 1/40 INCH RAISED DOTS.
- ② NEW TACTILE EXIT SIGN LOCATED @ 48" AFF. - TEXT SHALL READ "EXIT" w/ MIN. CHARACTER HEIGHT OF 6 INCHES - BRAILLE SHALL BE DOTS 1/10 INCH O.C. w/ 1/40 INCH RAISED DOTS.

OCCUPANT LOAD

ACCESSORY STORAGE & EQUIPMENT 228 SF. @ 1 OCC. PER 300 SF.	0.6 OCCUPANTS
BUSINESS AREAS 3,632 SF. @ 1 OCC. PER 150 SF.	24.5 OCCUPANTS
MERCANTILE 633 SF. @ 1 OCC. PER 60 SF.	10.5 OCCUPANTS
UNCONCENTRATED ASSEMBLY 609 SF. @ 1 OCC. PER 15 SF.	40.3 OCCUPANTS
WAREHOUSE 14,228 SF. @ 1 OCC. PER 500 SF.	28.4 OCCUPANTS
TOTAL OCCUPANT LOAD:	105 OCCUPANTS
TOTAL EXITS REQUIRED BASED ON OCCUPANT LOAD:	2 EXITS

OCCUPANT LOAD / EXITING CALCULATIONS

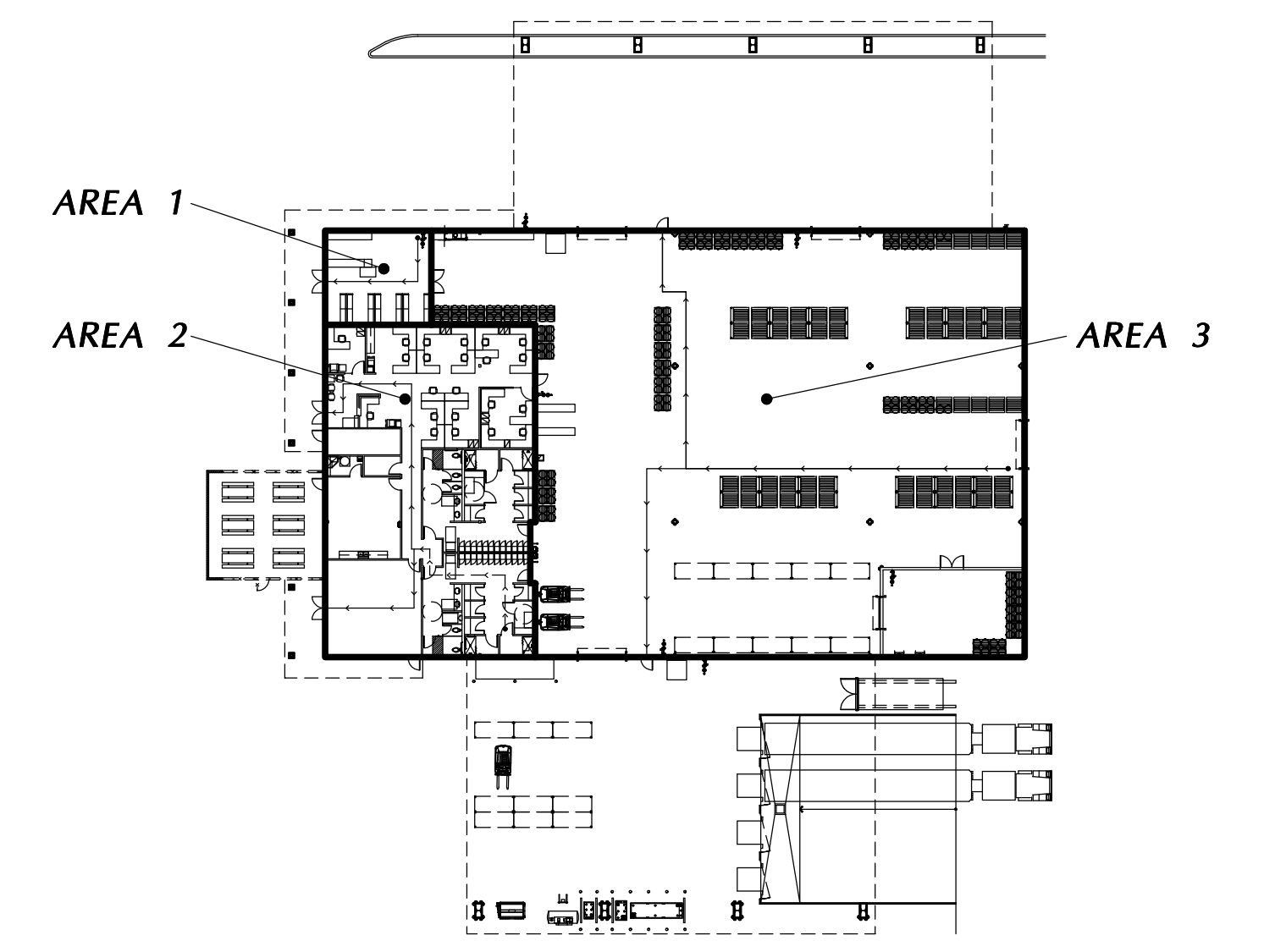
AREA 1
MERCANTILE:
 MERCANTILE (633 SF. / 60): 11 OCCUPANTS
 OCCUPANT LOAD: 11 OCCUPANTS
 EXITS REQUIRED: 1
 EXITS PROVIDED: 1
 MINIMUM REQUIRED EGRESS WIDTH (PER CBC 105.3.2): 1.62'
 EGRESS WIDTH PROVIDED: 1 EXITS @ 72": 72"
 TOTAL EGRESS WIDTH PROVIDED: 72"

AREA 2
BUSINESS:
 ACCESSORY STORAGE & EQUIPMENT (228 SF. / 300): 1 OCCUPANTS
 BUSINESS AREAS (3,632 SF. / 150): 25 OCCUPANTS
 UNCONCENTRATED ASSEMBLY (609 SF. / 15): 41 OCCUPANTS
 OCCUPANT LOAD: 67 OCCUPANTS
 EXITS REQUIRED: 2
 EXITS PROVIDED: 3
 MINIMUM REQUIRED EGRESS WIDTH (PER CBC 1028.6.1): 11.7"
 EGRESS WIDTH PROVIDED: 1 EXITS @ 72": 72"
 1 EXITS @ 72": 72"
 1 EXITS @ 36": 36"
 TOTAL EGRESS WIDTH PROVIDED: 180"

AREA 3
WAREHOUSE:
 WAREHOUSE (14,228 SF. / 500): 29 OCCUPANTS
 OCCUPANT LOAD: 29 OCCUPANTS
 EXITS REQUIRED: 2
 EXITS PROVIDED: 2
 MINIMUM REQUIRED EGRESS WIDTH (PER CBC 1028.6.1): 5.8"
 EGRESS WIDTH PROVIDED: 1 EXITS @ 36": 36"
 1 EXITS @ 36": 36"
 TOTAL EGRESS WIDTH PROVIDED: 72"

OCCUPANT LOAD & EXITING DIAGRAM

3/32"



AREA DIAGRAM

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
12-5-2024	BUILDING DEPARTMENT SUBMITTAL
5-27-2025	BUILDING DEPARTMENT SUBMITTAL
9-16-2025	BUILDING DEPARTMENT SUBMITTAL

REVISION	DESCRIPTION
1	5-27-25 BUILDING DEPARTMENT COMPLIANCE
2	9-16-25 BUILDING DEPARTMENT COMPLIANCE

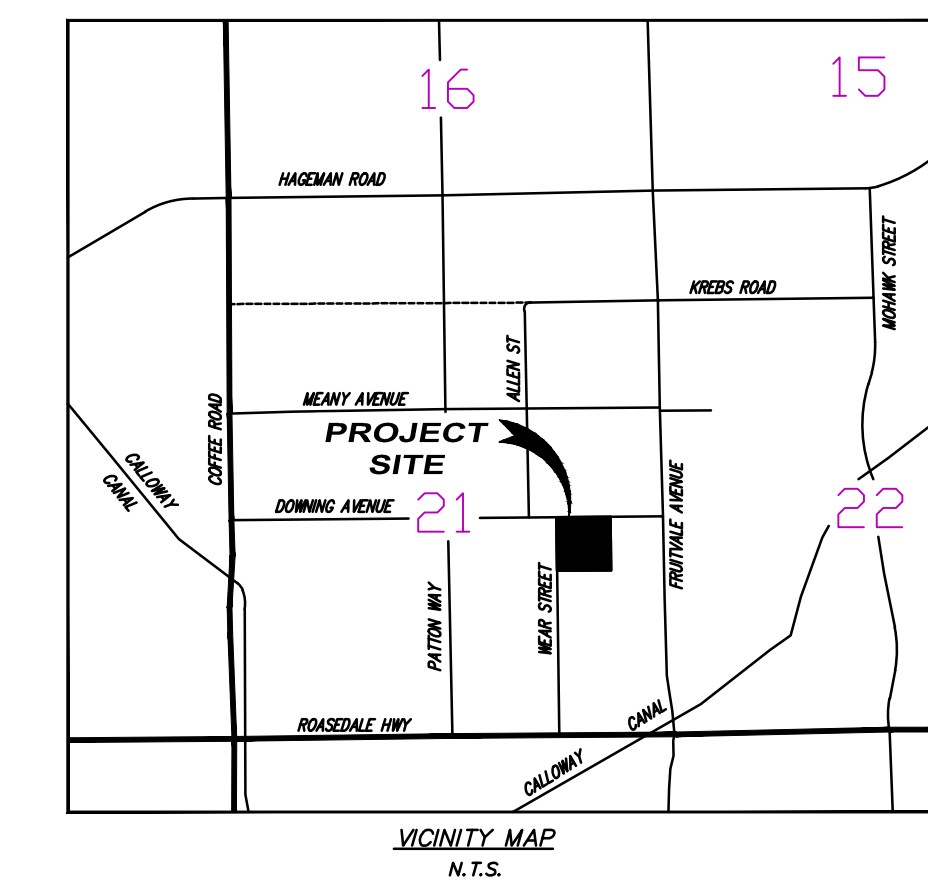
JOB 7005	
DP AC/AV	T103
PM GJF	

KERN COUNTY SPECIAL WASTE FACILITY

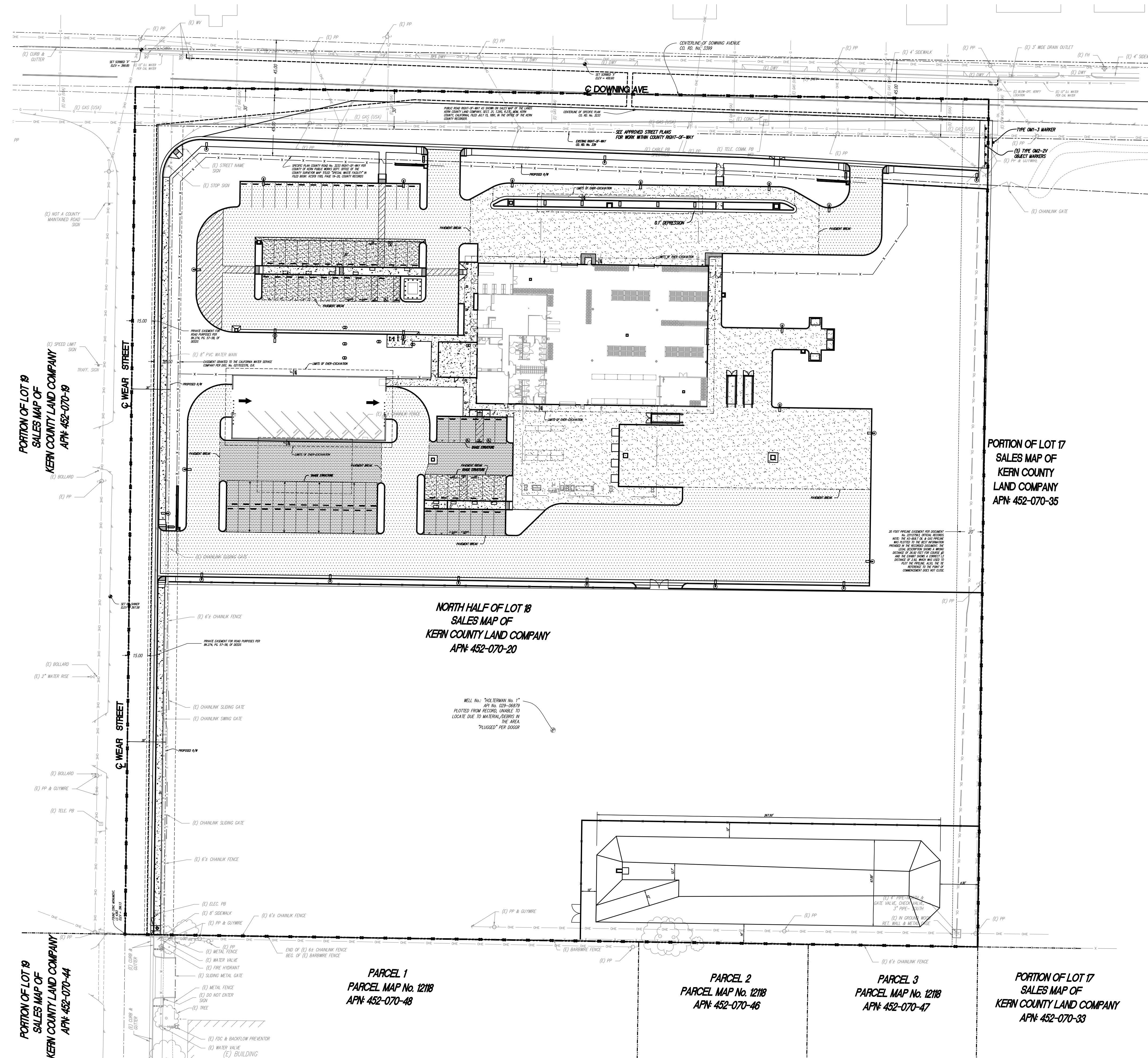
SE CORNER OF DOWNING AVE. AND WEAR ST.

BAKERSFIELD, CA 93308

GRADING PLAN



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BENCHMARK

FOUND BENCHMARK DISK LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF ROSEDALE AVENUE & FRANKLIN AVENUE, ON TOP OF THE EAST END OF THE NORTH CONCRETE BRIDGE OVER CALLOWAY CANAL, 26 FEET NORTH OF THE CENTERLINE OF THE NORTH LANES OF THE HIGHWAY, 1.3 FEET WEST OF THE EAST END OF THE SIDEWALK, 1.0 FOOT SOUTH OF THE SOUTH EDGE OF THE NORTH CONCRETE GUARDRAIL, AND ABOUT 1.0 FOOT HIGHER THAN THE HIGHWAY.

DESIGNATION: A 1208
PROJ. ELEVATION = 399.97 FEET

BASIS OF BEARINGS

THE BEARING OF S 89°03'34" E FOR THE CENTERLINE OF DOWNING AVENUE PER RECORD OF SURVEY No. 3338 FILED JANUARY 11, 2016 IN BOOK 30, PAGE 52, IN THE OFFICE OF THE KERN COUNTY RECORDER WAS USED AS THE BASIS OF BEARINGS FOR THIS MAP.

LEGAL DESCRIPTION

BEING ALL THAT PORTION OF THE NORTH HALF OF LOT 18 IN SECTION 21, TOWNSHIP 29 SOUTH, RANGE 27 EAST, MOUNT Diablo BASE AND MERIDIAN IN THE UNINCORPORATED AREA OF THE COUNTY OF KERN, STATE OF CALIFORNIA ACCORDING TO THE SALES MAP OF LANDS OF KERN COUNTY LAND COMPANY, RECORDED JULY 15, 1981 IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

ADDRESS

6741 DOWNING AVE., BAKERSFIELD, CA 93308

APN

APN: 452-070-20

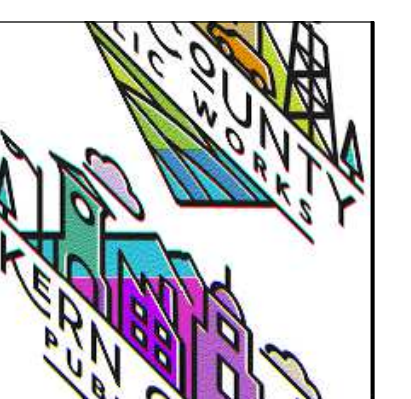
UTILITY NOTE

NOT ALL UTILITIES WERE LOCATED BY THIS SURVEY AND SWANSON ENGINEERING, INC. ASSUMES NO RESPONSIBILITY FOR UNDERGROUND UTILITIES OR FACILITIES NOT SHOWN OR FOR INFORMATION OBTAINED FROM OUTSIDE SOURCES.

DATE: 2/2/2025, 4:05:25 PM
K202408665
Dennis McNamara



A NEW BUILDING FOR:

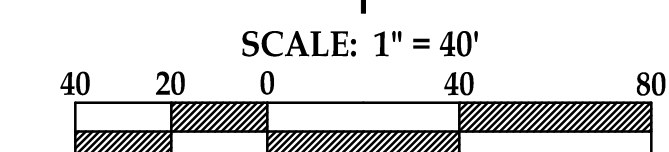


KERN COUNTY
SPECIAL WASTE
FACILITY

SEC. OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
1/22/25	GRADING PERMIT

REVISION	DESCRIPTION

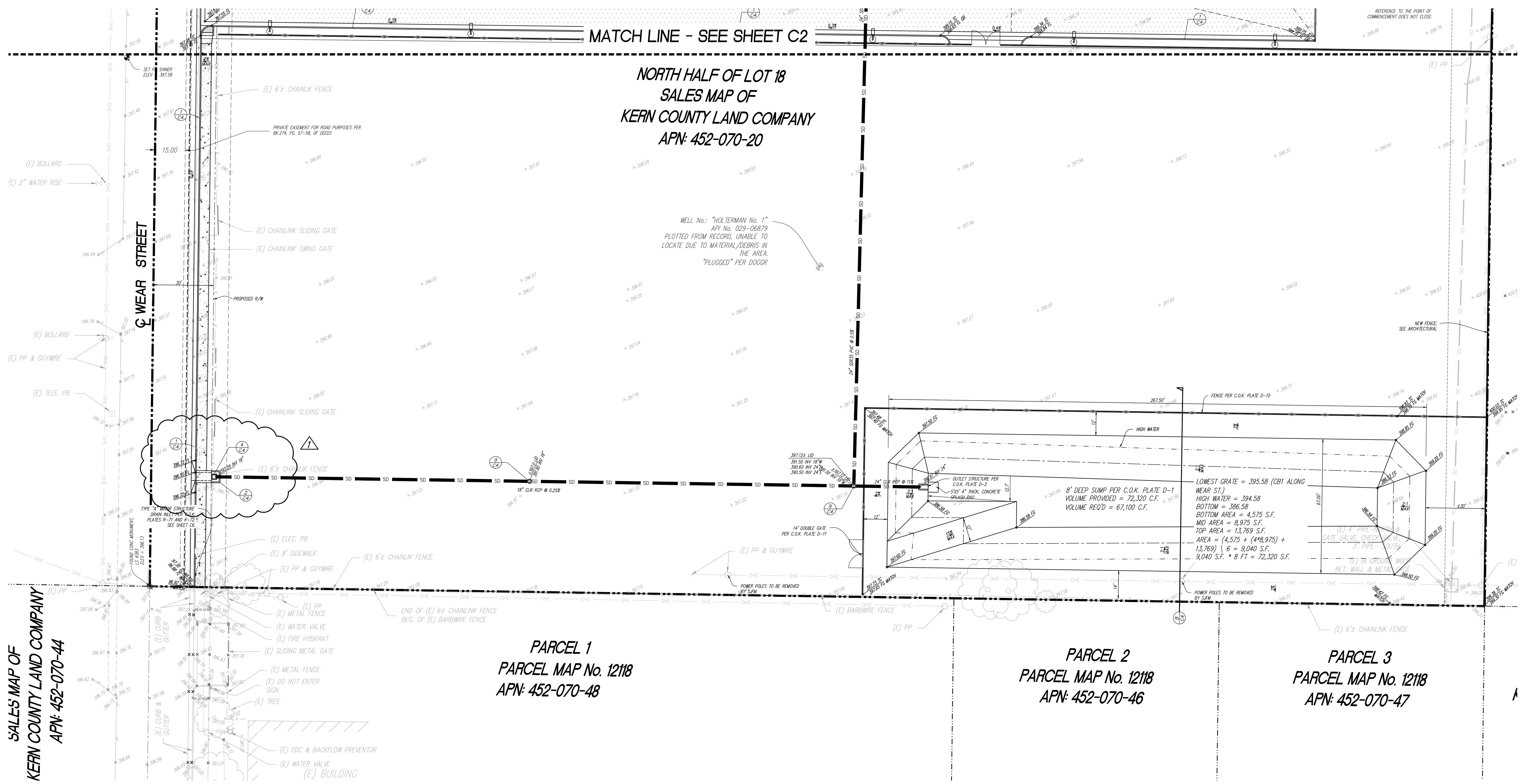


TITLE SHEET

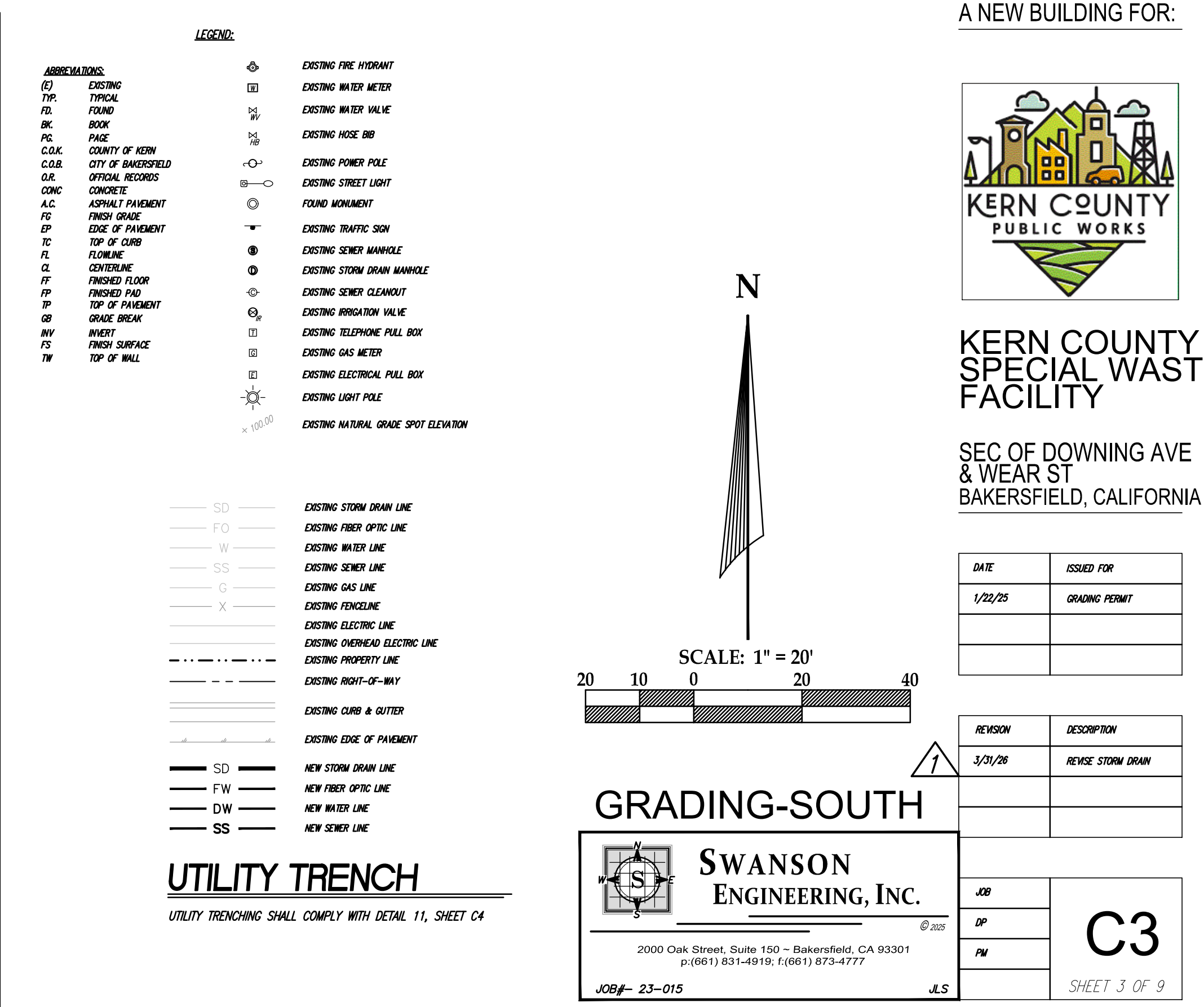
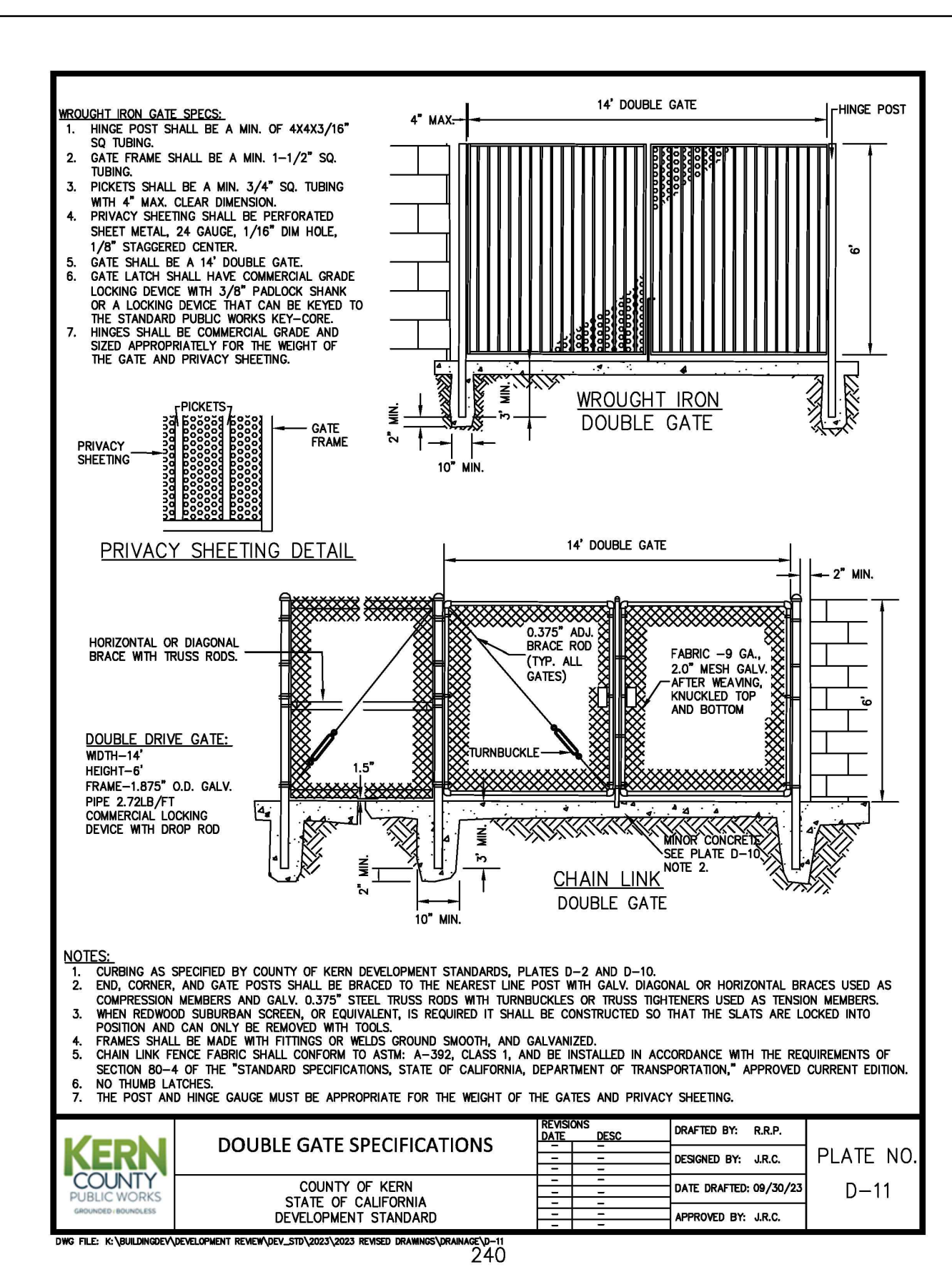
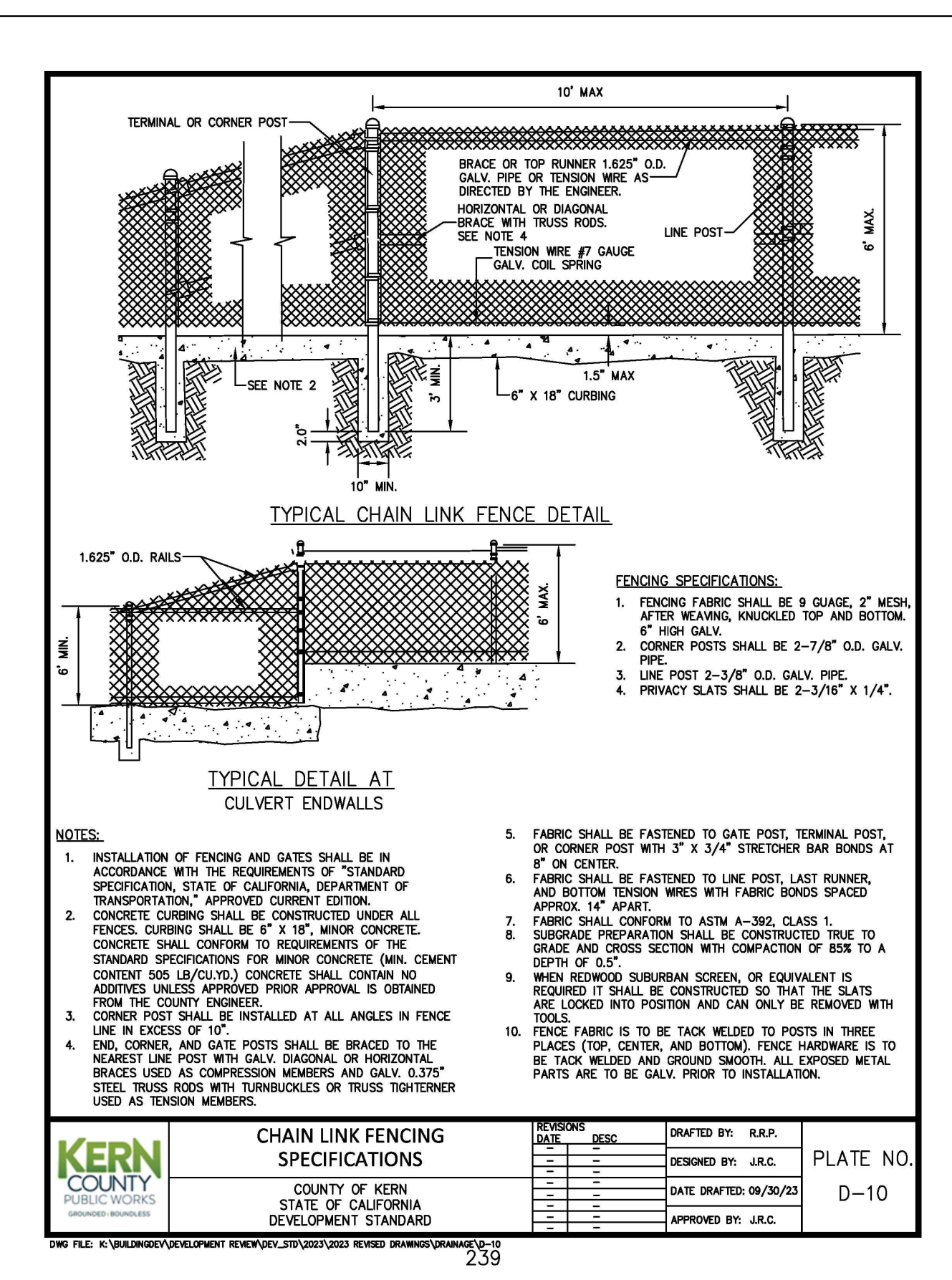
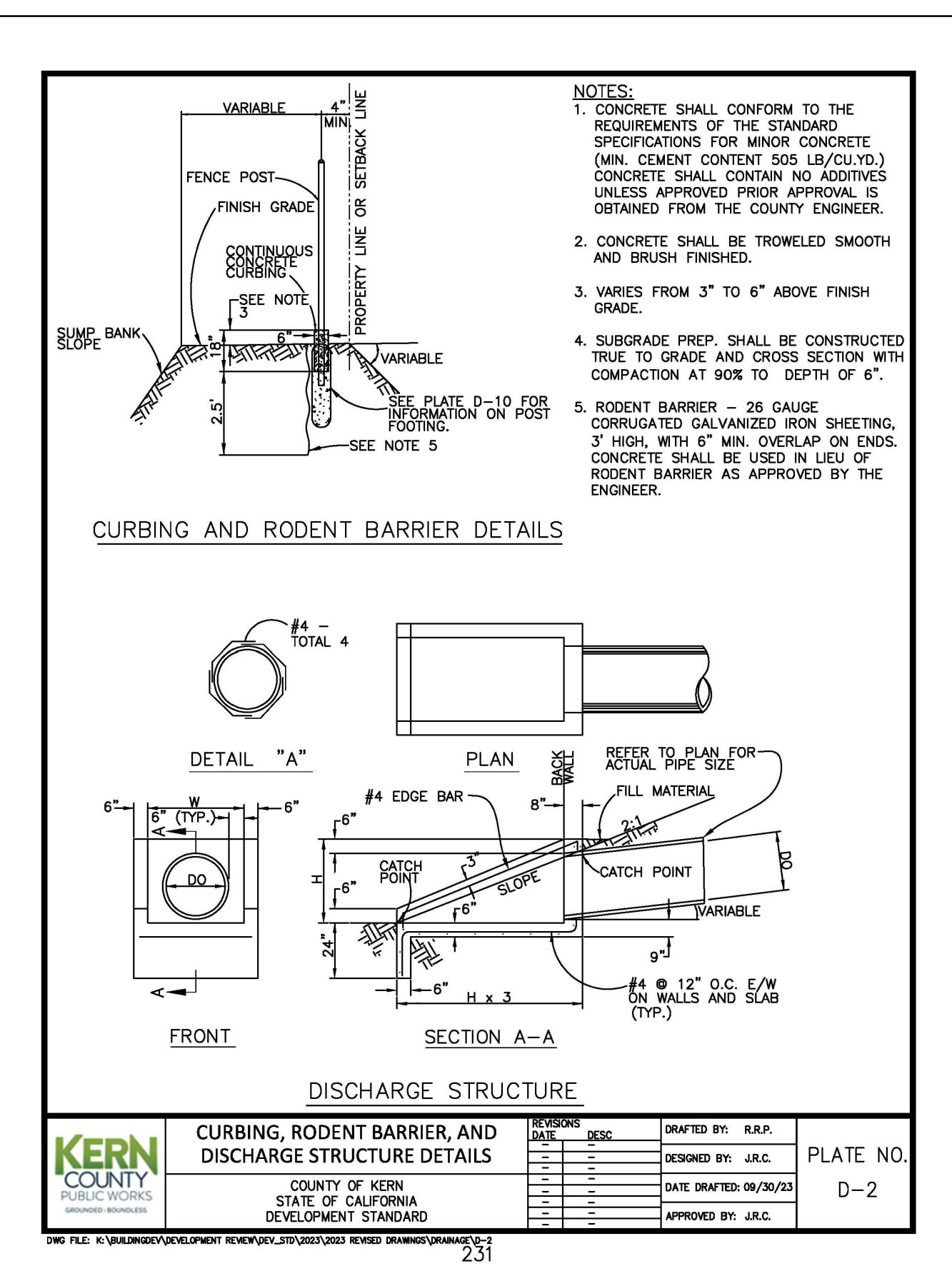
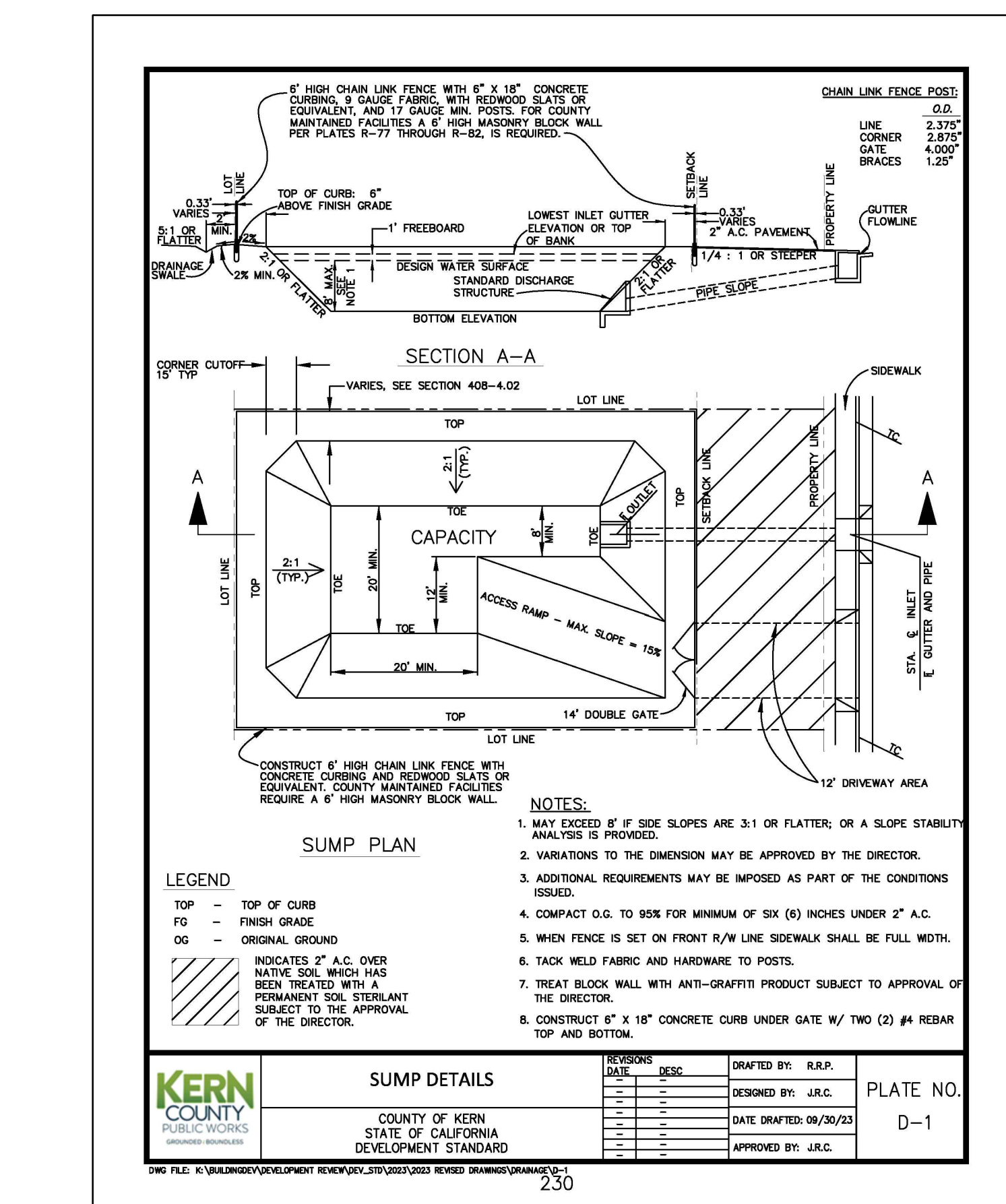
SWANSON ENGINEERING, INC.
2000 Oak Street, Suite 150 • Bakersfield, CA 93301
P: (805) 831-4919 • F: (805) 873-4777
JOB# 23-015

DATE: 1/22/25
ISSUED FOR: GRADING PERMIT
JOB: C1
SHEET 1 OF 9

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**SALES MAP OF
 KERN COUNTY LAND COMPANY
 APN: 452-070-44**



A NEW BUILDING FOR:



**KERN COUNTY
 SPECIAL WASTE FACILITY**

SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
1/22/25	DRAWING PERMIT

REVISION	DESCRIPTION
1/27/25	REVISE STORM DRAIN

GRADING-SOUTH

SWANSON ENGINEERING, INC.

2800 Oak Street, Suite 100 - Bakersfield, CA 93301
 (805) 831-6919, (805) 872-4777

C3

JOB# - 23-015

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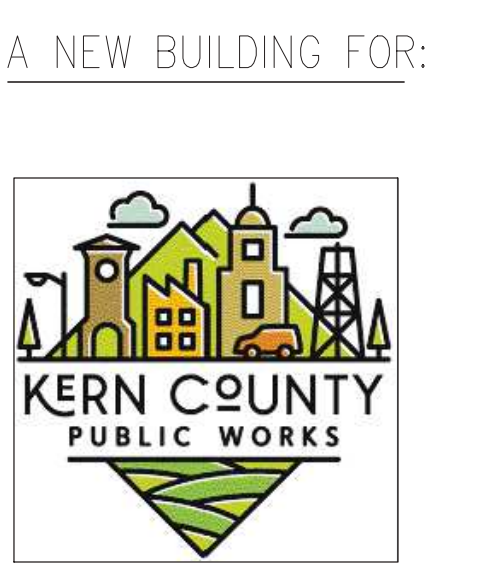
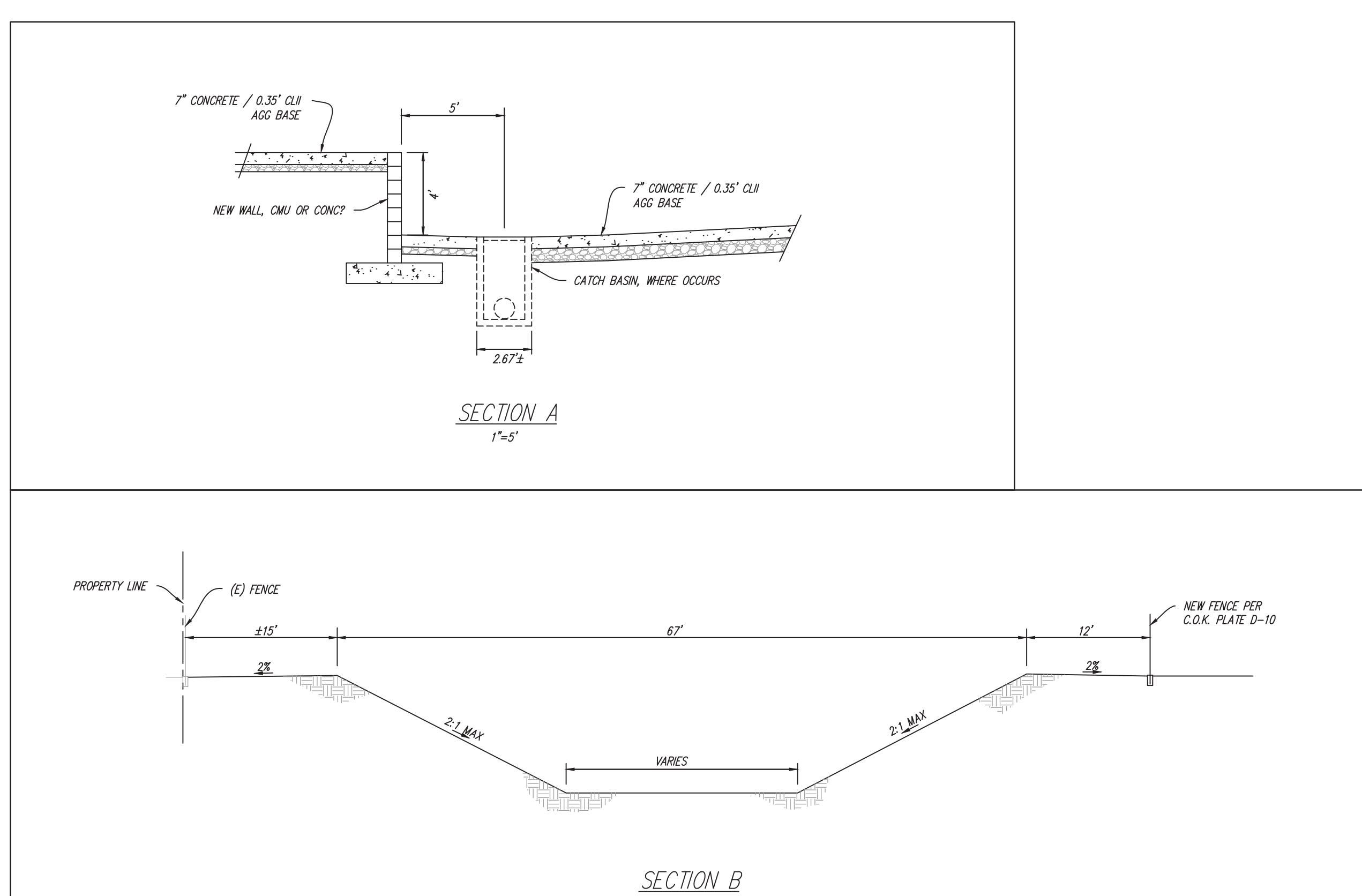
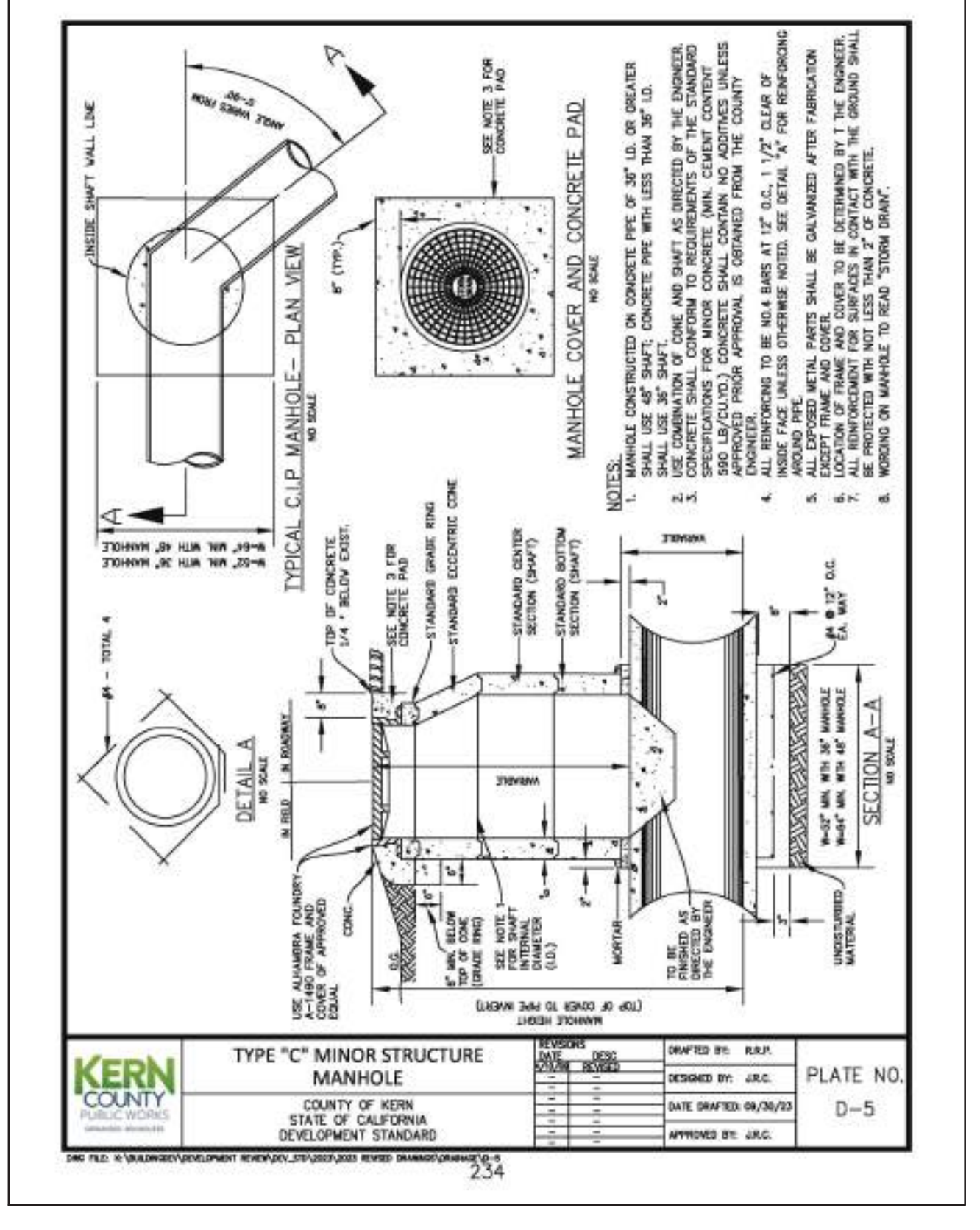
GRADING NOTES

1. ALL GRADING SHALL CONFORM TO THE COUNTY OF KERN ORDINANCES AND STANDARDS PERTAINING THERETO (CALIFORNIA BUILDING CODE, 2022) AND SHALL BE SUPERVISED AS ENGINEERED GRADING IN ACCORDANCE WITH COUNTY OF KERN ORDINANCES.
2. THE DESIGN ENGINEER SHALL EXERCISE SUPERVISORY CONTROL DURING GRADING AND CONSTRUCTION TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND CODE WITHIN HIS FURNISH.
3. THE SOIL ENGINEER, DESIGN ENGINEER, AND BUILDING OFFICIAL SHALL BE NOTIFIED 48 HOURS PRIOR TO PLACING ANY MATERIAL.
4. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DESIGN, INSTALL, AND HOLD THE OTHER WORKMANSHIP; AND THE ENGINEER SHALL BE HELD HARMLESS FROM ANY LIABILITY INCURRED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER, ARCHITECT, OR ENGINEER.
5. THE GRADING CONTRACTOR SHALL CONTACT ALL COMPANIES WITH UNDERGROUND FACILITIES PRIOR TO BEGINNING CONSTRUCTION AND VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND FACILITIES INCLUDING TELEPHONE, ELECTRIC, WATER, SEWER, OIL, AND GAS LINES. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR BURIED LINES NOT INDICATED ON THE PLAN OR FOR INFORMATION OBTAINED FROM OUTSIDE SOURCES. (USA - 811)
6. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING ALL AREAS TO + OR - 0.10 FOOT. IF AN AREA SHOULD BE FOUND TO BE MORE THAN 0.10 FOOT OUT OF TOLERANCE AFTER COMPACTING AND COMPLETION OF GRADING, THE CONTRACTOR SHALL RETURN AND CORRECT THE GRADING AT NO COST TO THE OWNER.
7. THE CONTRACTOR SHALL WATER AS REQUIRED DURING THE GRADING OPERATIONS TO PREVENT THE OCCURRENCE OF A DUST NUISANCE AND SHALL PROTECT CURBS AND OTHER OBJECTS WHICH ARE TO REMAIN. DUST CONTROL SHALL CONFORM TO THE SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT REGULATIONS.
8. EXCAVATION - EXCAVATION SHALL CONSIST OF ALL EXCAVATION INVOLVED IN GRADING THE PROJECT AS SHOWN ON THE PLANS. THIS SHALL INCLUDE EXPORTING MATERIAL TO AN OFF-SITE LOCATION AS REQUIRED.
9. EMBANKMENTS - EMBANKMENT CONSTRUCTION SHALL CONSIST OF CONSTRUCTIVE EMBANKMENTS INCLUDING THE PREPARATION OF AREAS WHERE THEY ARE TO BE PLACED, THE CONSTRUCTION OF Dikes WITHIN OR OUTSIDE THE CONSTRUCTION AREA, THE PLACING AND COMPACTING OF APPROVED MATERIAL WITHIN THE CONSTRUCTION AREA WHERE UNSATURATED MATERIAL HAS BEEN REMOVED, AND THE PLACING AND COMPACTING OF EMBANKMENT MATERIAL IN HOLES, PITS, AND DEPRESSIONS. IT SHOULD ALSO CONSIST OF PREPARING SUB-GRADE AT THE GRADING PLANE CONFORMING TO THE GRADE TOLERANCE, DOING NECESSARY PLOTTING OF BENCHING, IMPORTING OR EXPORTING, PLACING AND COMPACTING MATERIAL TO THE LINE AND GRADES SHOWN ON THE PLANS. ALL EMBANKMENT CONSTRUCTION SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE.
10. THE WORK EMBANKED HEREIN SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION DATED JULY 2016 (UNLESS OTHERWISE SPECIFIED), INsofar AS THE SAME MAY APPLY IN ACCORDANCE WITH THE NOTES HEREIN. IN CASE OF CONFLICT WITH THE STANDARD SPECIFICATIONS AND ANY NOTES HEREON, THE NOTES HEREON SHALL TAKE PRECEDENCE OVER AND BE USED IN LIEU OF SUCH CONFLICTING PORTIONS. SAID SPECIFICATIONS SHALL APPLY BUT NOT BE LIMITED TO THE FOLLOWING:
 - A) ALL CONCRETE SHALL BE 3,000 PSI USING TYPE I CEMENT AS IN ACCORDANCE WITH SECTION 901 AND SHALL HAVE AT LEAST 1,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, PER CALTRANS STANDARD SPECIFICATIONS (2024) UNLESS OTHERWISE SPECIFIED.
 - B) ASPHALTIC CONCRETE SHALL BE TYPE "A", 1 1/2" MINIMUM, MEDIAN GRADED, AND INTIMATELY MIXED WITH 5-6.5% ASPHALT PER CALTRANS STANDARD SPECIFICATIONS (2024). NO P.L.P. (RECLAIMED ASPHALT PAVEMENT) SHALL BE USED. ASPHALT SHALL BE PERFORMANCE GRADE PG70-10.
11. SWANSON ENGINEERING SHALL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO, OR USE OF, THESE PLANS. ALL CHANGES TO THESE PLANS MUST BE APPROVED IN WRITING, BY SWANSON ENGINEERING.
12. ALL GRADING SHALL CONFORM TO THE RECOMMENDATIONS CONTAINED IN THE PRELIMINARY SOILS REPORT MADE A PART HEREOF, PREPARED BY KERN & ASSOCIATES, INC., PROJECT NO. 020-2-0002, DATED JULY 28, 2023, TITLED "GEOTECHNICAL ENGINEERING INVESTIGATION PROPOSED HOUSEHOLD HAZARDOUS WASTE FACILITY SITES OF DOWNING AVENUE AND HEAR STREET BAKERSFIELD, CALIFORNIA", AND ALL AGREES THERETO. IN CASE OF A CONFLICT BETWEEN THE PLANS, SPECIFICATIONS, AND SOILS RECOMMENDATIONS, THE MORE STRINGENT REQUIREMENTS SHALL TAKE PRECEDENCE.
13. PRIOR TO COMMENCING CONSTRUCTION, CONTRACTOR SHALL POTABLE ALL UTILITIES THAT WILL BE AFFECTED BY THIS CONSTRUCTION TO DETERMINE IF ANY UTILITIES CONTACTS EXIST. ANY UTILITIES CONTACTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER SO THAT DESIGN CHANGES CAN BE MADE PRIOR TO THE START OF CONSTRUCTION.
14. UPON COMPLETION OF GRADING AND BEFORE THE START OF CONSTRUCTION, A FINAL SOILS REPORT SHALL BE PREPARED BY THE SOIL ENGINEER.
15. THE SOIL ENGINEER SHALL REVIEW ALL EXCAVATIONS PRIOR TO BACKFILLING AND SHALL BE NOTIFIED OF ANY ITEM ENCOUNTERED DURING THE GRADING OPERATIONS THAT MIGHT AFFECT FOUNDATION STABILITY SO THAT RECOMMENDATIONS CAN BE MADE BY THE SOIL ENGINEER.
16. CUT AND FILL SLOPES NEARER THAN FIVE FEET FROM THE BUILDING FOUNDATIONS SHALL NOT BE STEEPER THAN 3:1. CUT AND FILL SLOPES SHALL NOT BE STEEPER THAN 2:1 FOR SLOPES FARTHER THAN FIVE FEET FROM FOOTING LINES.

17. ALL SLOPES GREATER THAN THREE FEET VERTICAL HEIGHT SHALL BE PREPARED AND MAINTAINED TO PREVENT EROSION.
18. IMPORTED FILL MATERIAL SHOULD CONSIST OF ESSENTIALLY GRANULAR, SILTY SANDS WITH LOW EXPANSION POTENTIAL AND FREE OF GRASSES, WEEDS, ROCKS LARGER THAN TWO INCHES IN DIAMETER, DEBRIS, AND SOLUBLE SULFATES IN EXCESS OF 200 PARTS PER MILLION. IMPORTED FILL SHOULD CONTAIN SUFFICIENT SILT AND CLAY BINDER TO RESIST TRACK STABILIZATION FOOTING TRENCHES AND CAPABLE OF MAINTAINING SPECIFIED ELEVATION TOLERANCES DURING PAVING OPERATIONS.
19. IMPORTED SOILS SHOULD ALSO MEET THE FOLLOWING CRITERIA:
 - A) MAXIMUM % PASSING 200 SIEVE 50
 - B) MAXIMUM LIQUID LIMIT 40
 - C) MAXIMUM PLASTICITY INDEX 10
 - D) MINIMUM % SANDS 50
 - E) MAXIMUM EXPANSION INDEX 15
20. CLEARING AND GRUBBING - REMOVE ALL DEBRIS, SUCH AS METAL, TRASH, ROCKS GREATER THAN 2" IN DIAMETER, BROKEN CONCRETE, VEGETATION, OTHER BIODEGRADABLE SUBSTANCES, AND UNSATURATED SOIL FROM AREAS TO BE GRADED. UNSATURATED SOIL IS SOIL THAT, IN THE OPINION OF THE BUILDING OFFICIAL, SOIL ENGINEER, OR CIVIL ENGINEER, IS NOT COMPETENT TO SUPPORT OTHER SOIL OR STRUCTURES, OR TO SATISFACTORILY PERFORM ANY OTHER FUNCTIONS FOR WHICH THE SOIL IS INTENDED.
21. AREAS TO RECEIVE FILL SHALL BE SCARIFIED SIX INCHES, OR AS RECOMMENDED IN THE SOIL REPORT, WHICHEVER IS GREATER, UNTIL THE SURFACE IS FREE FROM RUTS, MOUNDINGS OR OTHER UNWELFARE FEATURES WHICH WOULD TEND TO PREVENT UNIFORM COMPACTION BY THE EQUIPMENT TO BE USED. MOSTLY AND COMPACT TO AT LEAST SIZE OF THE MAXIMUM DENSITY PER ASTM D1557 UNLESS OTHERWISE SPECIFIED.
22. ENGINEERED FILL MATERIALS SHOULD BE PLACED IN THIN LAYERS (LESS THAN EIGHT INCHES UNCOMPACTED THICKNESS), BROUGHT TO NEAR THE OPTIMUM MOISTURE CONTENT OR TO A MOISTURE CONTENT COMPARABLE WITH EFFECTIVE COMPACTION AND SOIL STABILITY, AND COMPACTED TO A MINIMUM OF 90 PERCENT OF THE MAXIMUM DENSITY OBTAINABLE BY ASTM TEST METHOD D1557.
23. QUANTITIES FOR EARTHWORK

Excavation -	4,500 C.Y.
Embankment -	4,000 C.Y.

QUANTITIES ARE FOR GRADING PERMIT ONLY. THE ENGINEER MAKES NO WARRANTY OF THE ANTICIPATED SHORAGE FACTOR. THE CONTRACTOR SHALL NOT USE THESE QUANTITIES TO BASE HIS BID ON. THE GRADING PLAN DOES NOT NECESSARILY INDICATE A BALANCED SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPORTING MATERIALS FROM AN OFF-SITE LOCATION OR EXPORTING EXCESS MATERIAL TO AN OFF-SITE LOCATION, AS NEEDED.
24. CONTRACTOR TO VERIFY DIMENSIONS AND ELEVATIONS OF EXISTING IMPROVEMENTS IN THE FIELD BEFORE PROCEEDING WITH WORK. ANY DISCREPANCIES THAT WILL AFFECT THE EXISTING IMPROVEMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK.
25. GENERAL SITE PREPARATION: APPROXIMATELY 1 FOOT OF FILL MATERIAL WAS DOCUMENTED WITHIN SEVERAL OF THE SOIL BORINGS DRILLED AT THE SITE. THE FILL MATERIAL, PRESUMABLY CONSISTED OF SILTY SAND. THE THICKNESS AND EXTENT OF FILL MATERIAL WAS BASED ON LIMITED TEST BORINGS AND VISUAL OBSERVATION. TRENCH FILL MAY BE PRESENT AT THE SITE. THE FILL SOILS SHALL BE EXCAVATED AND STOCKPILED SO THAT THE NATIVE SOILS CAN BE PREPARED PROPERLY. PRELIMINARY TESTING INDICATES THE FILL MATERIAL WILL BE SUITABLE FOR REUSE AS ENGINEERED FILL PROVIDED IT IS CLEANED OF EXCESSIVE ORGANICS, DEBRIS, AND FRAGMENTS LARGER THAN 4 INCHES IN MAXIMUM DIMENSION. FILL SOILS INTERMIXED WITH SPHALTIC CONCRETE WILL NOT BE SUITABLE FOR RE-USE IN BUILDING AREAS, BUT MAY BE USED IN PAVEMENT AREAS, PROVIDED IT IS CLEANED OF EXCESSIVE ORGANICS, DEBRIS, AND FRAGMENTS LARGER THAN 4 INCHES IN MAXIMUM DIMENSION. PRIOR TO BACKFILLING, THE SOILS ENGINEER SHOULD INSPECT THE EXCAVATION TO VERIFY NO ADDITIONAL REMOVAL IS REQUIRED.
26. BUILDING PAD PREPARATION: IN ORDER TO PROVIDE UNIFORM FOUNDATION SUPPORT, FOLLOWING STRIPPING OPERATIONS, FILL REMOVAL, AND EXCAVATION ACTIVITIES, THE UPPER 12 INCHES OF UNDESIRABLE EXPOSED NATIVE SOILS WITHIN THE PROPOSED BUILDING AREAS SHALL BE EXCAVATED, WORKED UNTIL UNIFORM AND FREE FROM LARGE CLODS, MOISTURE CONDENSED TO AT OR ABOVE OPTIMUM MOISTURE CONTENT, AND RECOMPACTED TO A MINIMUM OF 90 PERCENT OF MAXIMUM DENSITY BASED ON ASTM TEST METHOD D1557. IN ADDITION, THE PROPOSED STRUCTURE FOUNDATIONS AND FOOTING SLABS SHALL BE SUPPORTED BY A MINIMUM OF 12 INCHES OF ENGINEERED FILL. EXCAVATION SHALL EXTEND A MINIMUM OF 6 FEET BEYOND STRUCTURAL ELEMENTS. PRIOR TO BACKFILLING, THE BOTTOM OF THE EXCAVATION SHALL BE PROOF-ROLLED AND OBSERVED BY THE SOILS ENGINEER TO VERIFY STABILITY. THIS CONSTRUCTION SHOULD STABILIZE THE SURFACE SOILS AND LOCATE ANY UNSATURATED OR PLANTY AREAS NOT FOUND DURING THE FIELD EXCAVATION. SOFT OR PLANTY AREAS SHALL BE EXCAVATED TO FIRM THE GROUND. ALL EXCAVATED MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 90 PERCENT OF MAXIMUM DENSITY BASED ON ASTM TEST METHOD D1557. WORK TO LINES AT LEAST FIVE (5) FEET BEYOND THE OUTSIDE EDGES OF EXTERIOR FOOTINGS AND TWO (2) FEET BEYOND PAVEMENT EDGES.
27. PAVEMENT AND DRAINAGE AREA PREPARATION: GROUND SURFACES TO RECEIVE CONCRETE DRIVEWAY AND BITUMINOUS PAVEMENTS SHALL BE SCARIFIED AND COMPACTED TO A MINIMUM DEPTH OF 12 INCHES BELOW THE GRADING PLANE IN CUT AREAS OR TO 12 INCHES IN AREAS TO RECEIVE ASPHALTIC CONCRETE FILL PLACED IN PROPOSED PAVEMENT AREAS SHALL BE COMPACTED TO A MINIMUM OF 90 PERCENT OF THE MAXIMUM DENSITY AS OBTAINED BY ASTM TEST METHOD D1557, AND SHALL EXTEND TO A MINIMUM OF TWO FEET BEYOND THE OUTSIDE EDGES OF PAVEMENT.
28. ALL TRENCHES AND EXCAVATIONS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH THE APPLICABLE CALIFORNIA AND FEDERAL C.D.S.A. REQUIREMENTS AND OTHER APPLICABLE SAFETY ORDINANCES. CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR TRENCH SHORING DESIGN AND INSTALLATION. CONTRACTORS SHALL OBTAIN APPLICABLE O.S.H.A. PERMITS WHICH WORKMEN MUST NEVER TRENCHES GREATER THAN FIVE FEET.



KERN COUNTY
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 FACILITY
 SEC. OF DOWNING AVE &
 WEAR ST
 BAKERSFIELD, CALIFORNIA

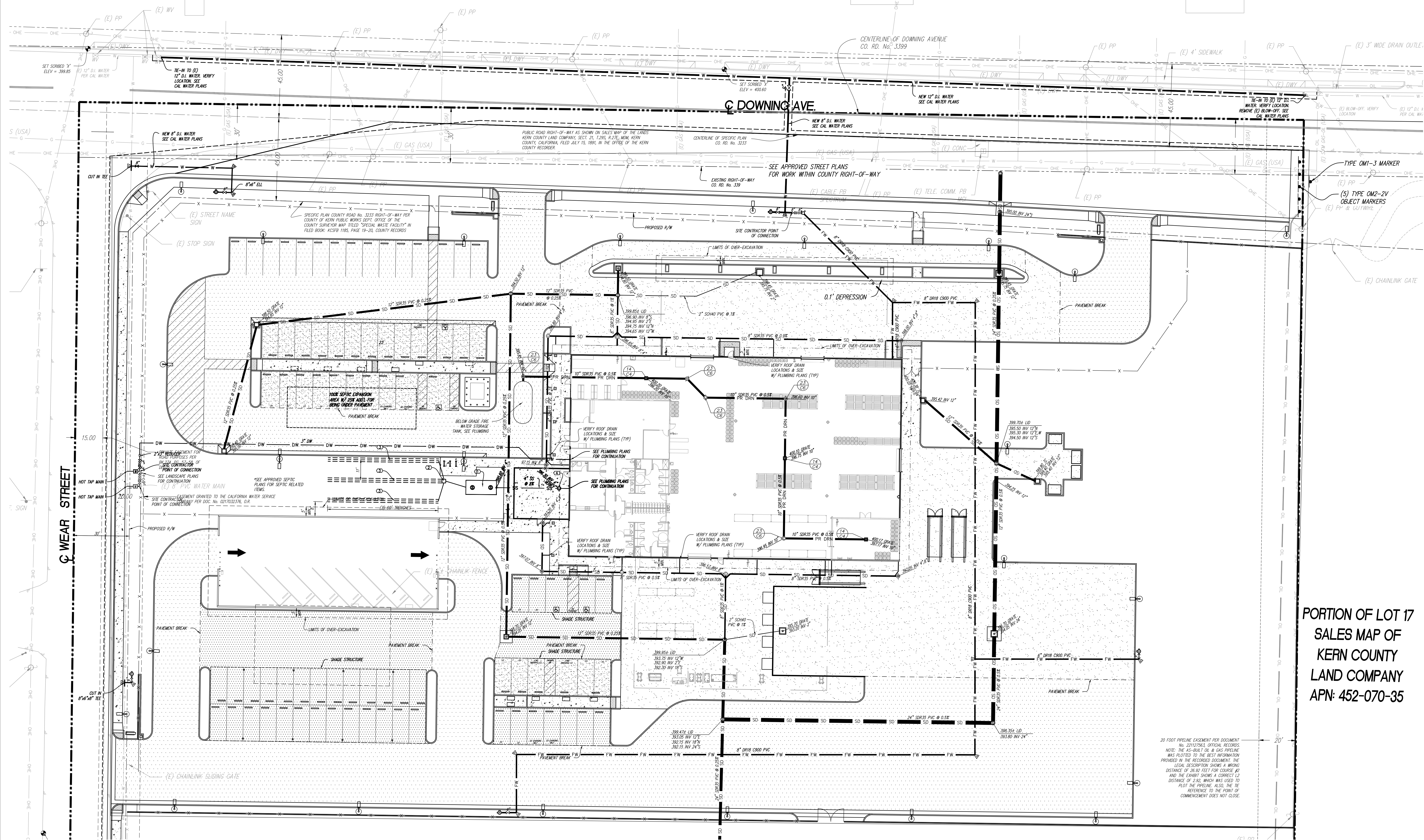
DATE	ISSUED FOR
1/22/25	GRADING PERMIT
REVISION	DESCRIPTION

GRADING DETAILS

SWANSON ENGINEERING, INC.
 2000 Oak Street, Suite 150 • Bakersfield, CA 93301
 (805) 831-4919 • (805) 873-4777

0205
 J089-23-015

These drawings, related specifications, notes, and designs are prepared by the undersigned and shall remain the property of the undersigned and shall not be used, copied, or altered in any way without the written consent of the undersigned. The undersigned shall not be held responsible for any errors or omissions on these drawings or specifications and shall not be held liable for any damage or injury resulting from the use of these drawings or specifications.



PORTION OF LOT 17
 SALES MAP OF
 KERN COUNTY
 LAND COMPANY
 APN: 452-070-35



SEC. OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
1/22/25	DRAWING PERMIT

REVISION	DESCRIPTION

JOB	DATE	BY

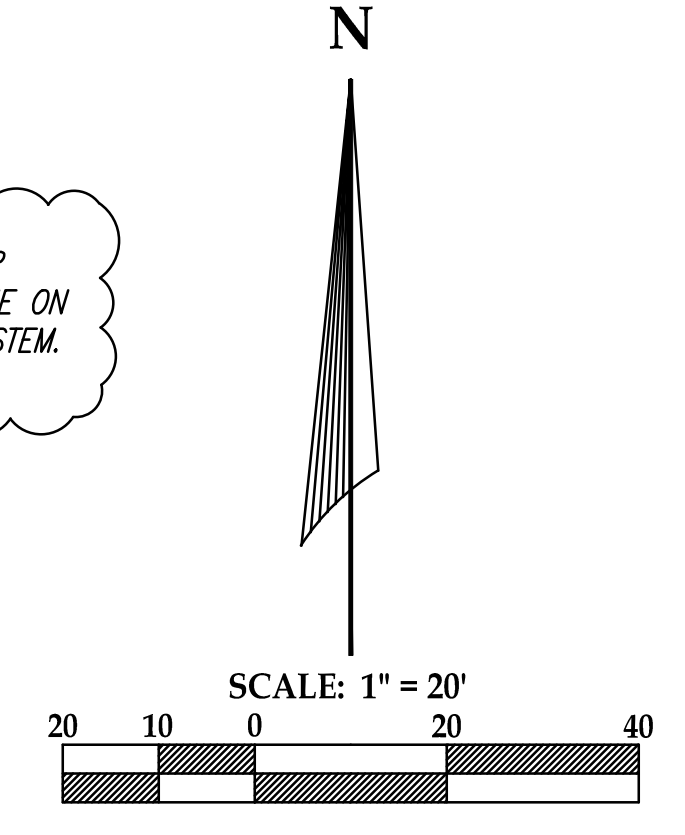
- LEGEND**
- | | | | | |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| (E) EXISTING | (N) NEW | (S) EXISTING SEWER DRAIN LINE | (S) NEW SEWER DRAIN LINE | (S) NEW SEWER DRAIN LINE |
| (T) TYPICAL | (F) FOUND | (F) EXISTING FIBER OPTIC LINE | (F) EXISTING FIBER OPTIC LINE | (F) EXISTING FIBER OPTIC LINE |
| (W) EXISTING WATER MAIN | (W) EXISTING WATER MAIN | (W) EXISTING WATER MAIN | (W) EXISTING WATER MAIN | (W) EXISTING WATER MAIN |
| (G) EXISTING GAS LINE | (G) EXISTING GAS LINE | (G) EXISTING GAS LINE | (G) EXISTING GAS LINE | (G) EXISTING GAS LINE |
| (E) EXISTING ELECTRICAL LINE | (E) EXISTING ELECTRICAL LINE | (E) EXISTING ELECTRICAL LINE | (E) EXISTING ELECTRICAL LINE | (E) EXISTING ELECTRICAL LINE |
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| (E) EXISTING CURB & GUTTER | (E) EXISTING CURB & GUTTER | (E) EXISTING CURB & GUTTER | (E) EXISTING CURB & GUTTER | (E) EXISTING CURB & GUTTER |
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UTILITY TRENCH
 UTILITY TRENCHING SHALL COMPLY WITH DETAIL 11, SHEET C4

FIRE WATER
 FIRE WATER TO BE PERMITTED BY SEPARATE SUBMITTAL.

SEPTIC NOTE
 SEPTIC SYSTEM TO BE PERMITTED BY SEPARATE SUBMITTAL.

CONTRACTOR TO OBTAIN SITE FIRE WATER PERMIT PRIOR TO ANY WORK BEING DONE ON THE SITE UNDERGROUND FIRE WATER SYSTEM. CONTACT NICK HUPP AT 391-3316.

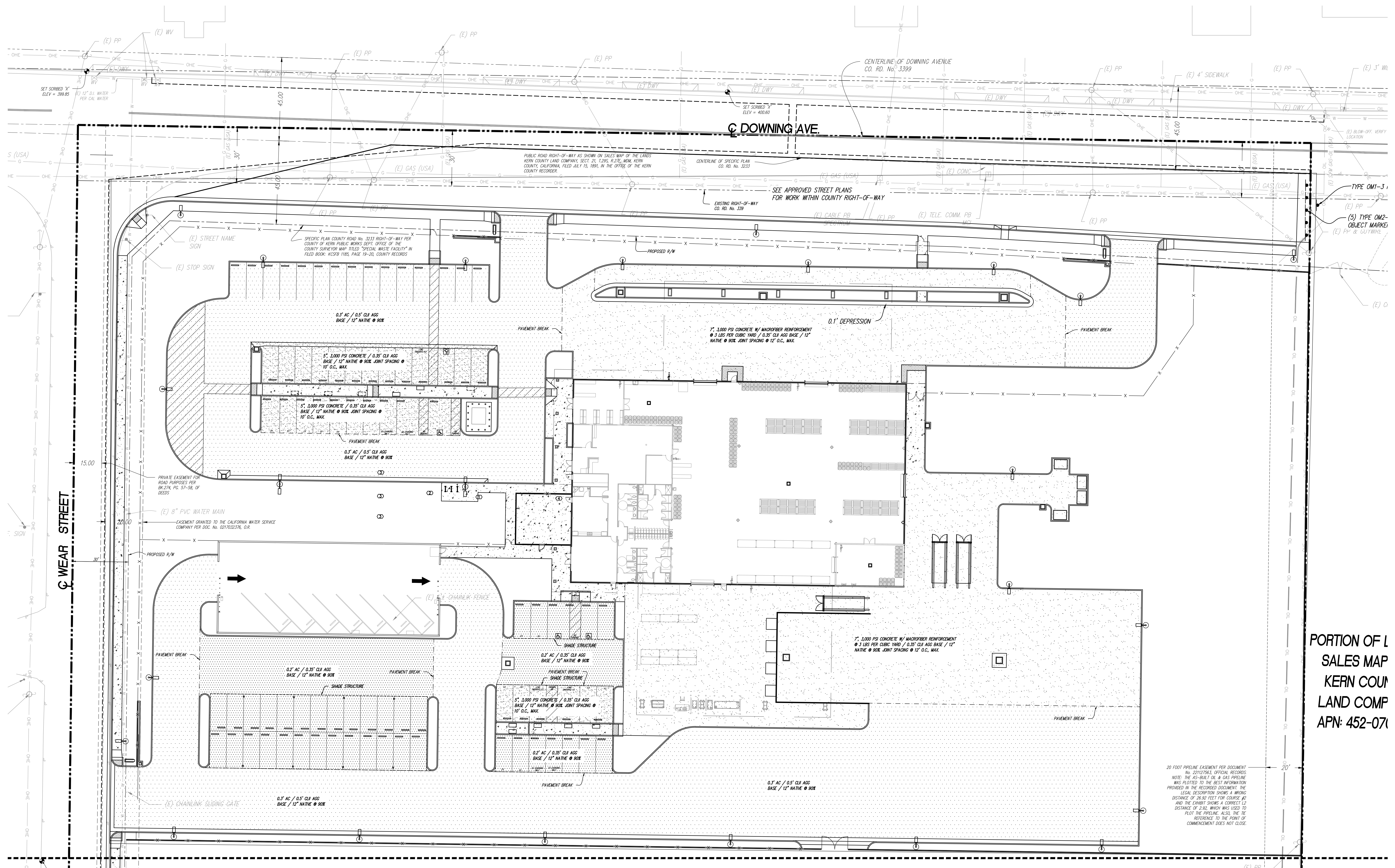


SITE UTILITY PLAN

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C5
 SHEET 5 OF 9

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WEAR STREET

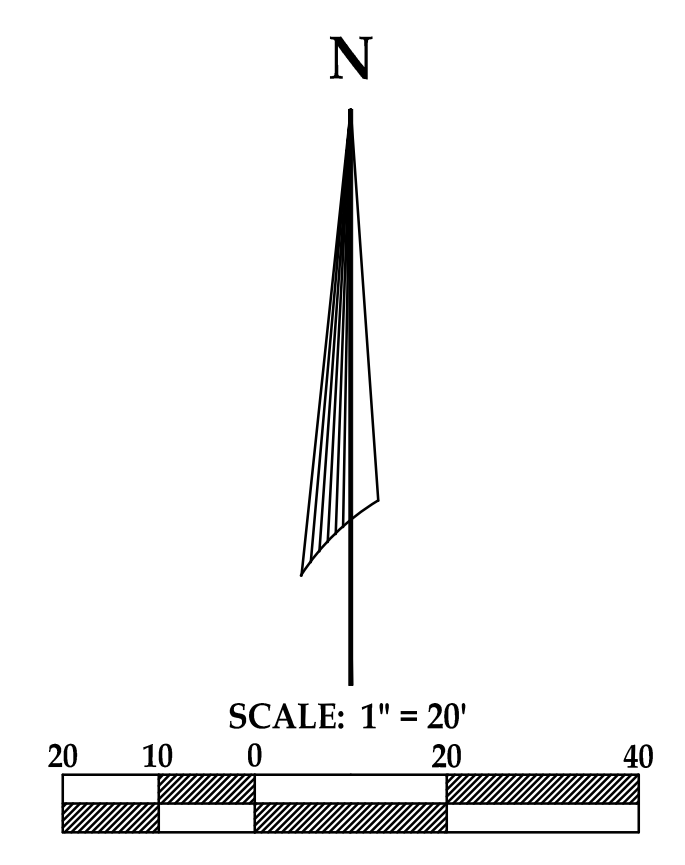
DOWNING AVE.

PORTION OF L
 SALES MAP
 KERN COUNTY
 LAND COMP
 APN: 452-071

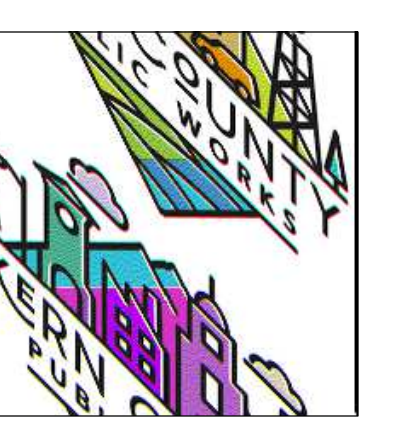
PAVEMENT LEGEND:

	MIN. 4" CONC. / 12" NATIVE @ 90% SEE ARCHITECTURAL
	0.2' AC / 0.35' CLM AGG BASE / 12" NATIVE @ 90%
	0.3' AC / 0.5' CLM AGG BASE / 12" NATIVE @ 90%
	5' 3,000 PSI CONCRETE / 0.35' CLM AGG BASE / 12" NATIVE @ 90% JOINT SPACING @ 10' O.C. MAX.
	7' 3,000 PSI CONCRETE W/ MACROFIBER REINFORCEMENT @ 3 LBS PER CUBIC YARD / 0.35' CLM AGG BASE / 12" NATIVE @ 90% JOINT SPACING @ 12' O.C. MAX.

20 FOOT PIPELINE EASEMENT PER DOCUMENT
 No. 201212643, OFFICIAL RECORDS
 NOTE: THE AS-BUILT OIL & GAS PIPELINE
 WAS PLOTTED TO THE BEST INFORMATION
 PROVIDED IN THE RECORDED DOCUMENT. THE
 LEGAL DESCRIPTION SHOWS A WRONG
 DISTANCE OF 26.92 FEET FOR COURSE #2
 AND THE SURVEY SHOWS A CORRECT 1.2
 DISTANCE OF 2.92. WHICH WAS USED TO
 PLOT THE PIPELINE. ALSO, THE REF
 REFERENCE TO THE POINT OF
 COMMENCEMENT DOES NOT CLOSE.



A NEW BUILDING FOR:

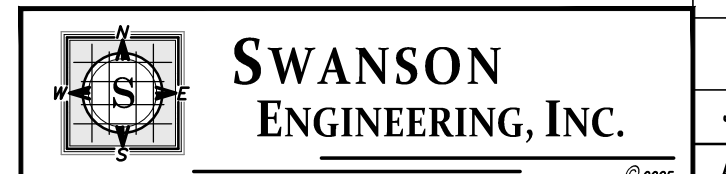


KERN COUNTY
 SPECIAL WASTE
 FACILITY
 SEC. OF DOWNING AVE
 & WEAR STREET
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
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REVISION	DESCRIPTION

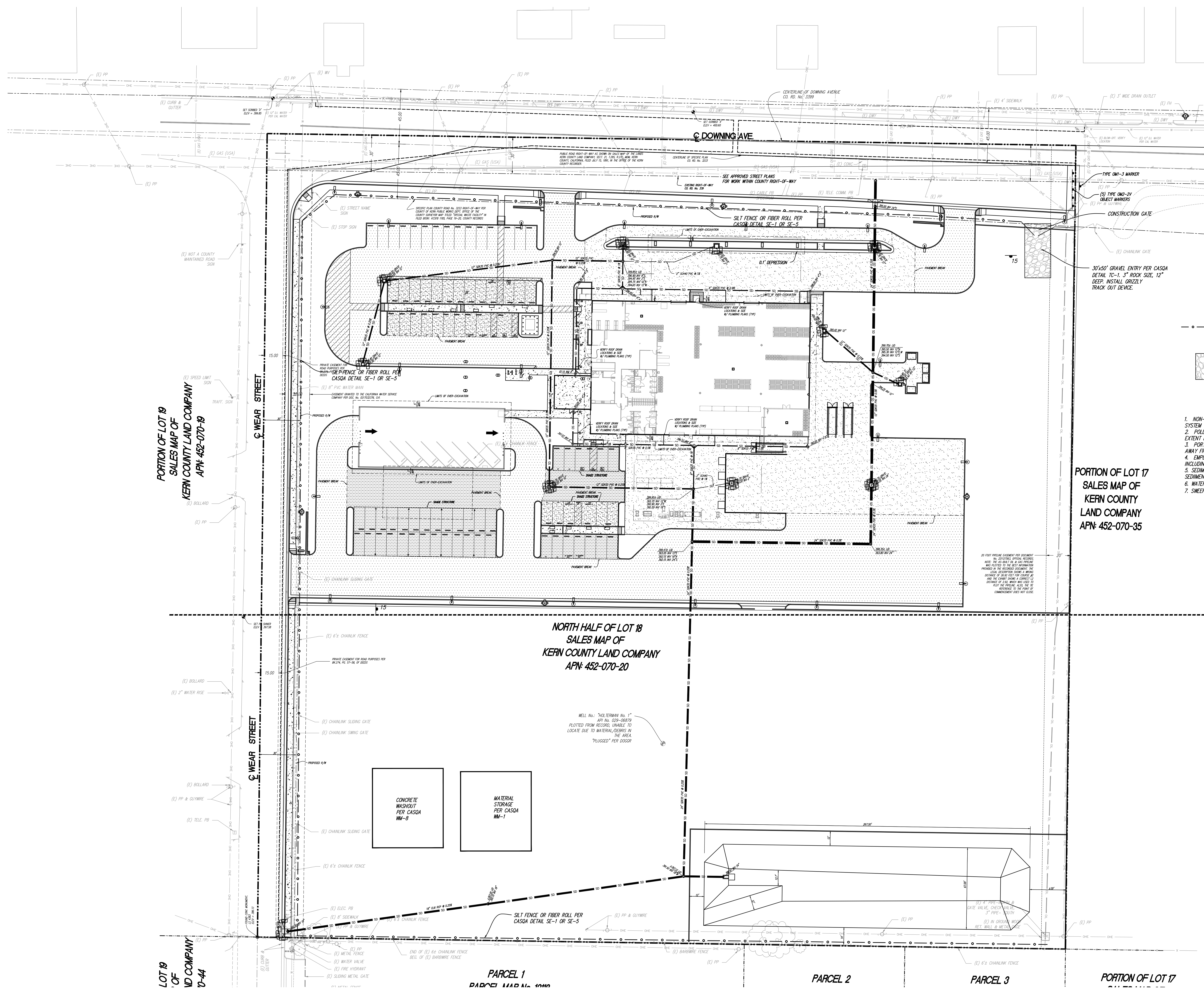
PAVEMENT PLAN



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JOB	C7
DP	
AW	

SHEET 7 OF 9



BMP LEGEND

- (E) FIRE HYDRANT
- SANDBAGS
- FURNISH AND INSTALL TRAFFIC SIGNS 15 MPH
- SILT FENCE OR FIBER ROLL PER CASQA DETAIL SE-1 OR SE-5
- 30'x50' GRAVEL ENTRY PER CASQA DETAIL TC-1, 3" ROCK SIZE, 12" DEEP. INSTALL GRIZZLY TRACK OUT DEVICE.

1. NON-STORM WATER DISCHARGES ARE PROHIBITED FROM ENTERING ANY STORM DRAIN SYSTEM.
2. POLLUTANTS SHALL BE REMOVED FROM STORM WATER DISCHARGES TO THE MAXIMUM EXTENT PRACTICAL.
3. PORTABLE SANITARY FACILITIES SHALL BE LOCATED ON RELATIVELY LEVEL GROUND AWAY FROM TRAFFIC AREAS, DRAINAGE COURSES, AND STORM DRAIN INLETS.
4. EMPLOYEES, SUBCONTRACTORS AND SUPPLIERS SHALL BE EDUCATED ON ALL BMPs, INCLUDING CONCRETE WASTE STORAGE AND DISPOSAL PROCEDURES.
5. SEDIMENT CONTROL PRACTICES SHALL EFFECTIVELY PREVENT A NET INCREASE OF SEDIMENT LOAD IN STORM WATER DISCHARGE.
6. WATER SITE IN COMPLIANCE W/ CASQA WE-1.
7. SHEEP STREET DAILY IN COMPLIANCE W/ CASQA SE-7.

PORTION OF LOT 19
 SALES MAP OF
 KERN COUNTY LAND COMPANY
 APN: 452-070-19

PORTION OF LOT 17
 SALES MAP OF
 KERN COUNTY
 LAND COMPANY
 APN: 452-070-35

NORTH HALF OF LOT 18
 SALES MAP OF
 KERN COUNTY LAND COMPANY
 APN: 452-070-20

LOT 19
 OF
 ID COMPANY
 D-44

PARCEL 1
 PARCEL MAP NO. 1000

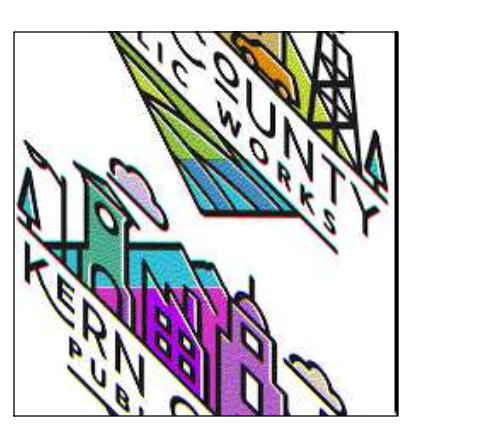
PARCEL 2

PARCEL 3

PORTION OF LOT 17



A NEW BUILDING FOR:

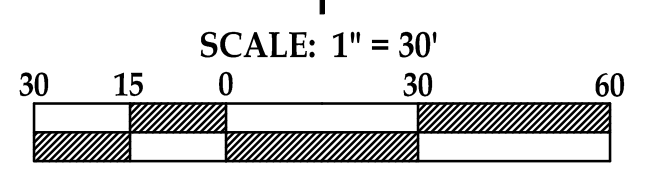


KERN COUNTY
 SPECIAL WASTE
 FACILITY

SEC. OF DOWNING AVE
 & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
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BMP PLAN

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 JOB# 23-015

C8
 SHEET 8 OF 9

KERN COUNTY
 ENGINEERING AND SURVEY SERVICES DEPARTMENT
BEST MANAGEMENT PRACTICES (BMP's)
 INSTRUCTIONS

The following BMP's are examples only and may or may not be applicable to a specific project. It is the engineer's responsibility to develop a Storm Water Pollution Prevention Plan (SWPPP) and incorporate all appropriate BMP's into the project plans and specifications to effectively control erosion and sediment during construction.

The placement of devices to control erosion and sediment shall be clearly shown on the plans. They shall be modified as necessary during the course of construction, and the SWPPP shall be updated accordingly.

The contractor must implement an effective combination of erosion and sediment control on all disturbed areas during the rainy season.

Sediment control BMP's are required at appropriate locations along the site perimeter and at all operational internal inlets to a storm drain system at all times during the rainy season. Non-stormwater discharges may enter a new storm drain system that is not yet accepted by the County and is not connected to an existing County system. All sediments shall be removed from the storm drain system prior to acceptance by the County.

After a rainstorm, all silt and debris shall be removed from check berms, desilting basins, and other devices. Any devices and slope surface protection damaged during a rainstorm shall be immediately repaired.

All removable protective devices shall be in place at the end of each working day when the five-day rain probability forecast exceeds forty percent. (40%)

The "Applicability of NPDES Storm Water Program for a Project Disturbing One (1) Acre or Greater Within Kern County" form must be completed and shall be submitted with the permit application. The form shall be signed by the owner and engineer and shall also indicate an emergency contact person.

Revision	Date	DATE	COUNTY OF KERN	NPDES BMP	PLATE NO.
001	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP INS
002	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP INS
003	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP INS
004	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP INS

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BEST MANAGEMENT PRACTICES (BMP's)
 General Notes

- Best Management Practices (BMP's) contained herein reflect minimum requirements. Alternate methods providing equal or greater protection may be utilized. For additional BMP's refer to California Stormwater BMP Handbooks, available at WWW.CA8MPHANDBOOKS.COM.
- All construction activity shall be performed in accordance with a Stormwater Pollution Prevention Plan (SWPPP) developed and implemented in compliance with requirements of the Kern County Stormwater Management Program, National Pollutant Discharge Elimination System (NPDES) Permit, and the State's General Permit.
- The SWPPP shall:
 - Identify potential pollutant sources and include the design and placement of BMP's to effectively prohibit the entry of pollutants from the construction site into and onto the street and storm drain system during construction.
 - Be kept on site and amended to reflect changing conditions throughout the course of construction.
 - Be kept up to date. Any additional updates requested by agency representative are to be made immediately.
- Non-stormwater discharges are prohibited from entering any storm drain system and/or street.
- Pollutants shall be removed from stormwater discharges to the Maximum Extent Practicable (MEP) through design & implementation of the SWPPP.
- A standby crew for emergency work shall be available at all times during the rainy season (Nov. 1 to Apr. 15). Necessary materials shall be available on site and stockpiled at convenient locations to facilitate rapid construction of temporary devices or damaged erosion control measures or sediment control measures when rain is imminent.
- Portable sanitary facilities shall be located on a relatively level ground away from traffic areas, drainage courses, and storm drain inlets.
- Employees, subcontractors and suppliers shall be educated on all BMP's including concrete waste storage and disposal procedures.
- Sediment control practices shall effectively prevent a net increase of sediment load in stormwater discharge.

Revision	Date	DATE	COUNTY OF KERN	NPDES BMP	PLATE NO.
001	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP 1
002	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP 1
003	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP 1
004	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP 1

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CATCH BASIN/INLET PROTECTION

Notes:

- Catch Basin/inlet protection shall be installed wherever there is a potential of stormwater or non-stormwater being discharged into it.
- Inlet protection is required along with other pollution prevention measures such as erosion control, soil stabilization, and measures to prevent tracking onto paved surfaces.
- Modify inlet protection as needed to avoid creating traffic hazards.
- Include inlet protection measures of hillside - silt-fences and misc. drainage swales.
- Inlet protection shall be inspected and accumulated sediments removed. Sediment shall be disposed of properly and in a manner that assures that the sediment does not enter the storm drain system.
- Damaged bags shall be replaced immediately.
- Additional sandbag sediment traps shall be placed at intervals as indicated on site plan.

Revision	Date	DATE	COUNTY OF KERN	NPDES BMP	PLATE NO.
001	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP A
002	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP A
003	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP A
004	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP A

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EQUIPMENT MAINTENANCE AREAS

Notes:

- Leaking vehicles and equipment shall not be allowed on-site. Equipment and vehicles shall be inspected frequently for leaks and shall be repaired immediately. Clean up spills and leaks promptly with absorbent materials; do not flush with water.
- Vehicles and equipment shall be maintained, and repaired on-site only in designated areas. Prevent run-on and run-off from designated areas. Containment devices shall be provided and areas shall be covered if necessary.
- Designate on-site vehicle and equipment maintenance areas, away from storm drain inlets and watercourses.
- Always use secondary containment, such as a drain pan or drop cloth, to catch spills and leaks when removing or changing fluids.
- Legally dispose of used oils, fluids, and lubricants.
- Provide spill containment dikes or secondary containment around stored oil, fuel, and chemical drums.
- Maintain an adequate supply of absorbent spill cleanup materials in designated areas.

Revision	Date	DATE	COUNTY OF KERN	NPDES BMP	PLATE NO.
001	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP B
002	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP B
003	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP B
004	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP B

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STABILIZED CONSTRUCTION ENTRANCE

Notes:

- Sediments and other materials shall not be tracked from the site by vehicle traffic. The construction entrance roadways shall be stabilized so as to prevent sediments from being deposited into the public roads. Operations must be swept up immediately and may not be washed down by rain or other means into the storm drain system.
- Stabilized construction entrance shall be:
 - Located at any point where traffic will be entering or leaving a construction site to or from a public right of way, street, alley, and sidewalk or parking area.
 - A series of steel plates with "rumble strips" and/or min. 4" coarse aggregate with length, width & thickness as needed to adequately prevent any tracking onto paved surfaces.
- Adding a wash rack with a sediment trap large enough to collect all wash water can greatly improve efficiency.
- All vehicles accessing the construction site shall utilize the stabilized construction entrance sites.
 - Remove all sediment deposited on paved roadways immediately.
 - Sweep paved areas that receive construction traffic whenever sediment becomes visible.
 - Disposal of wash water is prohibited if it results in a discharge to the storm drain system.

Revision	Date	DATE	COUNTY OF KERN	NPDES BMP	PLATE NO.
001	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP C
002	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP C
003	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP C
004	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP C

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EROSION CONTROL

Notes:

- Soil/Slope stabilization practices shall be designed to preserve existing vegetation where feasible and to revegetate open areas as soon as feasible after grading. These control practices shall include temporary seeding, permanent seeding, mulching, soil stabilization, vegetative buffer strips, protection of trees, or other soil stabilization practices.
- Soil stabilization shall be implemented on all inactive disturbed areas from November 1 thru April 15 and on all disturbed areas during a rain event or potential rain.
- Stabilization practices shall control/prevent erosion from the forces of wind and water.
- Stabilization practices shall be implemented in conjunction with sediment trapping/filtering practices and practices to reduce the tracking of sediment onto paved roads.
- When using straw mulching, the minimum application shall be 2 tons/acre. Mulch must be anchored immediately to minimize loss by wind or water.
- When using hydrossedding/mulching, the minimum application of wood fiber shall be 1,500 lbs/acre, that does not contain more than 50 percent newspaper.
- For seeding recommendations, contact: USDA, Natural Resources Conservation Service at 5000 California Avenue, Bakersfield, CA 93309-0725. Phone: (661) 336-0967.

Revision	Date	DATE	COUNTY OF KERN	NPDES BMP	PLATE NO.
001	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP D
002	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP D
003	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP D
004	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP D

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MATERIAL STORAGE

Notes:

- Dirt and other construction related materials placed in the street or on other impervious surfaces must be contained with sandbags or other measures to prevent transport to the storm drain system.
- Any construction material stored or stockpiled on-site shall be protected from being transported by the force of wind or water.

Revision	Date	DATE	COUNTY OF KERN	NPDES BMP	PLATE NO.
001	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP E
002	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP E
003	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP E
004	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP E

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CONCRETE WASTE MANAGEMENT

Notes:

- Excess and waste concrete shall not be washed into the street or into a drainage system.
- For washout of concrete and mortar products, a designated containment facility of sufficient capacity to retain liquid and solid waste shall be provided on site.
- Slurry from concrete and asphalt saw cutting shall be vacuumed or contained, dried, picked up and disposed of properly.

Revision	Date	DATE	COUNTY OF KERN	NPDES BMP	PLATE NO.
001	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP F
002	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP F
003	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP F
004	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP F

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VEHICLE/ EQUIPMENT FUELING

Notes:

- Fueling shall be performed in a designated area, away from drainage courses.
- Absorbent cleanup material shall be on site and used immediately in the event of a spill.

Revision	Date	DATE	COUNTY OF KERN	NPDES BMP	PLATE NO.
001	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP G
002	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP G
003	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP G
004	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP G

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SILT FENCE

Notes:

- Construct the silt fence along a level contour.
- Silt fences shall remain in place until the disturbed area is permanently stabilized.
- Provide sufficient room for runoff to pond behind the fence and allow sediment removal equipment to pass between the silt fence and toe of slope or other obstructions. About 1200 sq. ft. of ponding area shall be provided for every acre draining to the fence.
- Turn the ends of the filter fence uphill to prevent stormwater from flowing around the fence.
- Leave an undisturbed or stabilized area immediately downslope from the fence.
- Do not place in live stream or intermittently flowing channels.
- When standard filter fabric is used, a wire mesh support fence shall be fastened securely to the upslope side of the posts using heavy-duty wire staples of least 1 inch long, tie wires or hog rings.

Revision	Date	DATE	COUNTY OF KERN	NPDES BMP	PLATE NO.
001	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP H
002	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP H
003	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP H
004	06/14/2003	06/14/2003	STATE OF CALIFORNIA	DEVELOPMENT	BMP H

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 K202408665
 Dennis McNamara



A NEW BUILDING FOR:



KERN COUNTY
 SPECIAL WASTE
 FACILITY

SEC. OF DOWNING AVE
 & WEAR S
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
1/22/05	DRAWING PERMIT

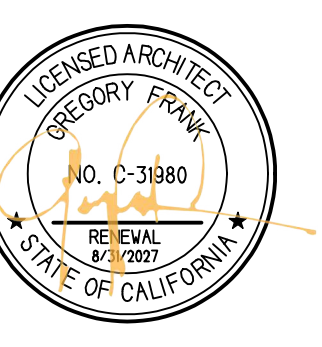
REVISION	DESCRIPTION

BMP DETAILS

SWANSON ENGINEERING, INC.
 2000 Oak Street, Suite 150, Bakersfield, CA 93301
 (661) 831-4919, (661) 873-4777

C9
 SHEET 9 OF 9

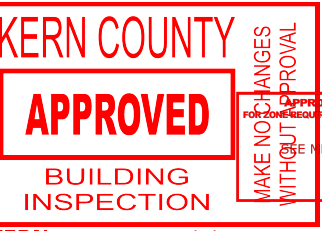
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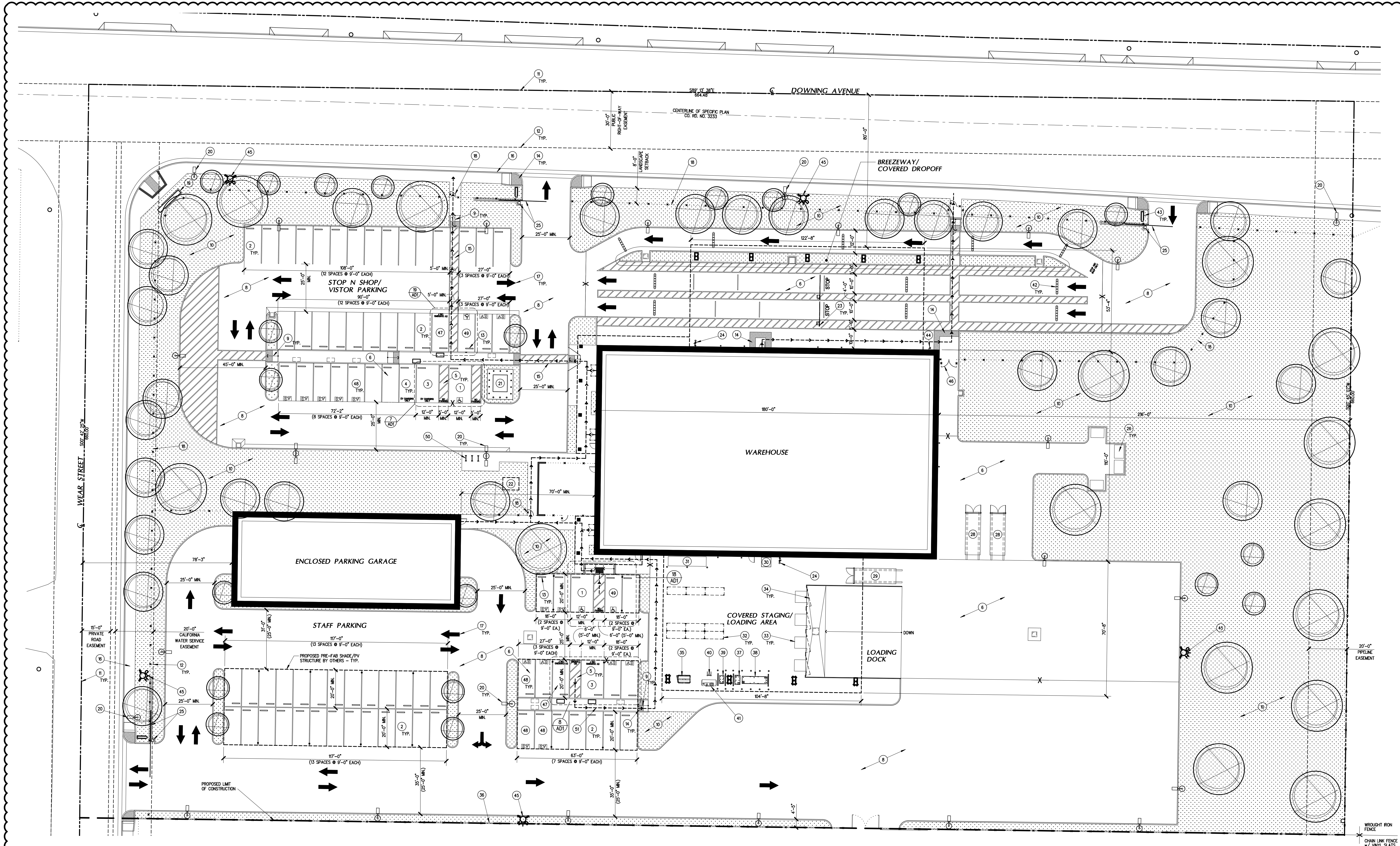
- 1. DETECTABLE WARNING SURFACES HAVE BEEN ADDED TO NORTH SIDE OF BUILDING
- 2. ADDITIONAL ACCESSIBLE PARKING STALLS HAVE BEEN ADDED
- 3. ACCESSIBLE PATH OF TRAVEL FROM STAFF PARKING HAS BEEN ADDED
- 4. PEDESTRIAN GATES HAVE BEEN REVISED TO MEET ACCESSIBILITY REQUIREMENTS
- 5. ADDITIONAL EV ACCESSIBLE PARKING STALLS HAVE BEEN ADDED



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 Mackenzie Flowers



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 Dennis McNameara

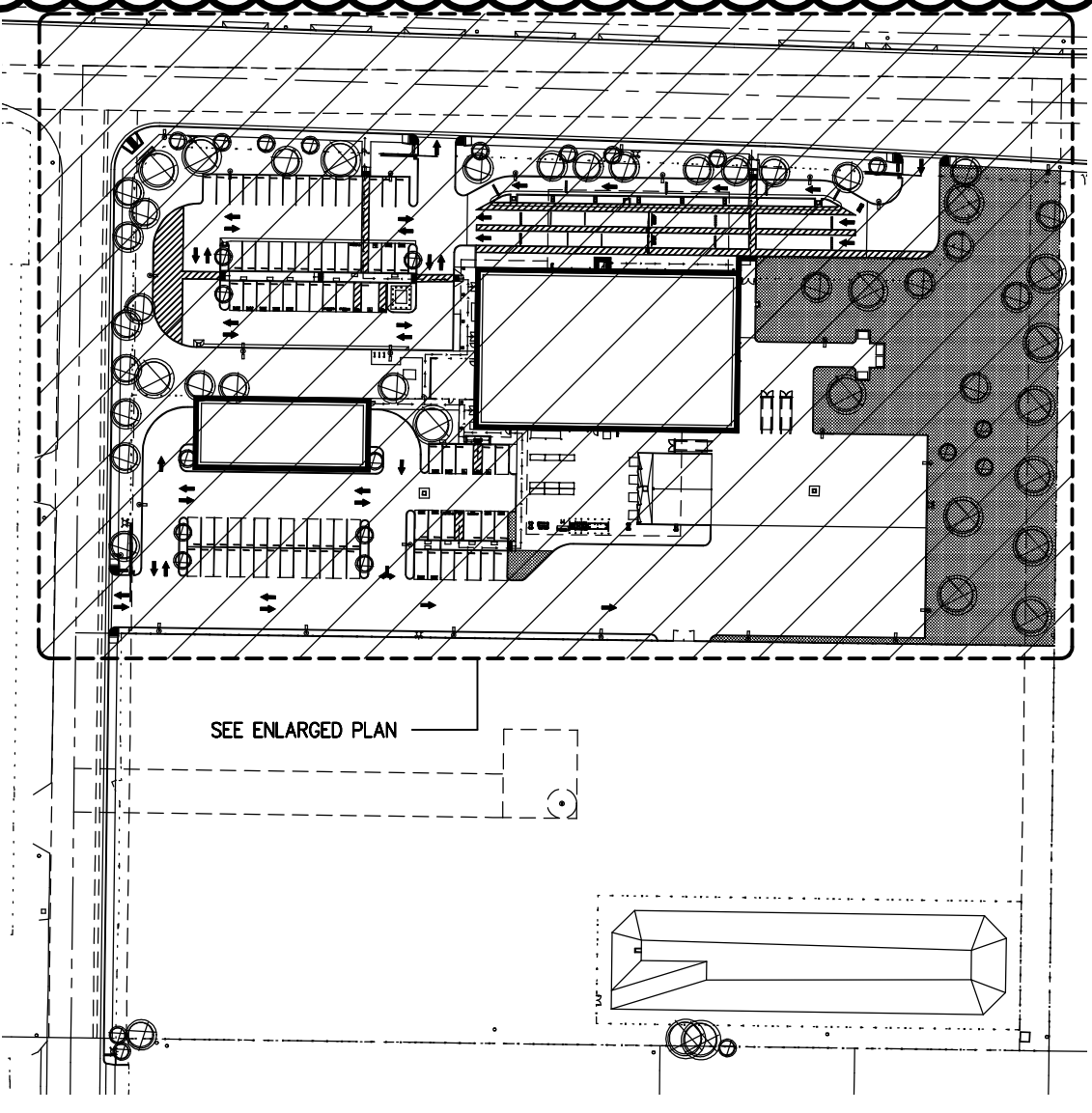


SITE PLAN

SITE KEY NOTES

- 1. 12'-0" WIDE x 20'-0" DEEP VAN ACCESSIBLE PARKING STALL - PROVIDE 3x3 PAINTED SYMBOL (SEE DETAIL 5/AD1) AND POLE MOUNTED SIGN (SEE DETAIL 5/AD1) - PER COUNTY, ADA & TITLE24 STANDARDS
- 2. 9'-0" WIDE x 20'-0" DEEP PARKING STALL PER COUNTY STANDARDS
- 3. 12'-0" WIDE x 20'-0" DEEP ACCESSIBLE ELECTRIC VEHICLE STALL w/ CHARGING STATION - PROVIDE POLE MOUNTED SIGN (SEE DETAIL 5/AD1) - PER COUNTY, ADA & TITLE24 STANDARDS
- 4. 9'-0" WIDE x 20'-0" DEEP ELECTRIC VEHICLE STALL w/ CHARGING STATION
- 5. 5'-0" WIDE ACCESSIBLE AISLE - PER COUNTY, ADA & TITLE24 STANDARDS
- 6. CONCRETE PAVING
- 7. 6" HIGH CONCRETE CURB
- 8. MIN 2" TYPE R2 A.C. PAVING OVER 3" CLASS #4 AGGREGATE BASE PER CITY STANDARDS
- 9. ACCESSIBLE CURB RAMP - SLOPE NOT TO EXCEED 1:12 WITH A CROSS SLOPE NOT TO EXCEED 2% - PROVIDE A 45"x45" MINIMUM LANDING AT TOP AND BOTTOM OF RAMP - PER ADA & TITLE24 STANDARDS (SEE DETAIL A02 AND 10)
- 10. LANDSCAPE AREA - SEE LANDSCAPE PLANS
- 11. PROPERTY LINE
- 12. EASEMENT LINE
- 13. CONCRETE PARKING BUMPER
- 14. SHADY AREA REPRESENTS LOCATION OF TRUNCATED DOMES - SEE DETAIL 1/AD1 FOR ADDITIONAL INFORMATION
- 15. ACCESSIBLE CROSSING - 48" MINIMUM WIDTH w/ CROSS SLOPE NOT TO EXCEED 2% - PAINT 4" WIDE STRIPES AT 36" O.C. AT 45°
- 16. 5'-0" WIDE CONCRETE SIDEWALK, CURB AND GUTTER
- 17. DIRECTION OF TRAFFIC - PAINTED - TYPICAL
- 18. 8'-0" HIGH WROUGHT IRON FENCE AND 3'-0" WIDE GATE WHERE SHOWN - SEE DOOR NOTES & DETAIL 22/AD2 FOR REQUIRED GATE CLEARANCES
- 19. 16'-0" WIDE x 8'-0" HIGH MONUMENT SIGN WITH CONCRETE BASE - SEE DETAIL 22/AD1
- 20. HIGH EFFICIENCY POLE MOUNTED LUMINAIRE - SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- 21. PAD MOUNTED TRANSFORMER ON A CONCRETE PAD PER PG&E STANDARDS
- 22. ON SITE SEPTIC TANK
- 23. TRAFFIC ARM BY OTHERS
- 24. EYEWASH STATION BY OTHERS
- 25. 8'-0" HIGH ROLLING GATE w/ GATE MOTOR
- 26. EXPLOSIVE LOCKERS PROVIDED BY OWNER
- 27. NOT USED
- 28. GARBAGE BIN w/ 'C' CHANNELS SKIDS
- 29. LATEX BN w/ 'C' CHANNELS SKIDS
- 30. IN-GROUND SCALE
- 31. PROPANE CASE PROVIDED BY OWNER
- 32. FALLER RACKS
- 33. DOCK LEVELER
- 34. SWING-UP ARM DOCK SECURITY GATE
- 35. BALER PROVIDED BY OWNER
- 36. 8'-0" HIGH CHAIN LINK FENCE w/ VINYL SLATS
- 37. SMALL OIL POD PROVIDED BY OWNER
- 38. LARGE OIL POD PROVIDED BY OWNER
- 39. ANTIFREEZE POD PROVIDED BY OWNER
- 40. OIL FILTER CRUSHER PROVIDED BY OWNER
- 41. AIR COMPRESSOR PROVIDED BY OWNER
- 42. SPEED BUMBERS BY OTHERS
- 43. 5'-0" WIDE x 4'-2" HIGH MONUMENT SIGN WITH CONCRETE BASE - SEE DETAIL 20/AD1
- 44. FIRE SPRINKLER RISER
- 45. NEW FIRE HYDRANT LOCATION - SEE CIVIL PLAN
- 46. 8'-0" WIDE WROUGHT IRON GATE
- 47. 9'-0" WIDE x 20'-0" DEEP ACCESSIBLE ELECTRIC VEHICLE STALL w/ CHARGING STATION - PROVIDE POLE MOUNTED SIGN (SEE DETAIL 5/AD1) - PER COUNTY, ADA & TITLE24 STANDARDS
- 48. 9'-0" WIDE x 20'-0" DEEP EV CAPABLE PARKING STALL
- 49. 9'-0" WIDE x 20'-0" DEEP STANDARD ACCESSIBLE PARKING STALL - PROVIDE 3x3 PAINTED SYMBOL (SEE DETAIL 1/AD1) AND POLE MOUNTED SIGN (SEE DETAIL 5/AD1) - PER COUNTY, ADA & TITLE24 STANDARDS
- 50. SHORT TERM BICYCLE PARKING RACKS PER CALGREEN SECTION 9.5.04.1.1
- 51. DASHED LINE DENOTES PATH OF TRAVEL FROM PUBLIC RIGHT OF WAY - 48" MINIMUM WIDTH w/ RUNNING SLOPE NOT TO EXCEED 2% & CROSS SLOPE NOT TO EXCEED 2%

20'



KEY PLAN

N.S.

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

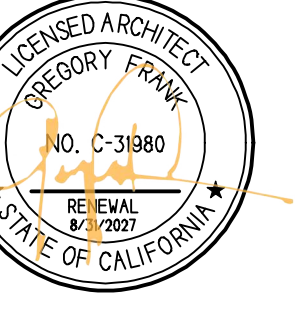
SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
12-5-2024	BUILDING DEPARTMENT SUBMITTAL
5-27-2025	BUILDING DEPARTMENT SUBMITTAL
9-16-2025	BUILDING DEPARTMENT SUBMITTAL

REVISION	DESCRIPTION
1	BUILDING DEPARTMENT COMPLIANCE
2	BUILDING DEPARTMENT COMPLIANCE

JOB	7005	A100
DP	AC/J/V	
PM	G/F	

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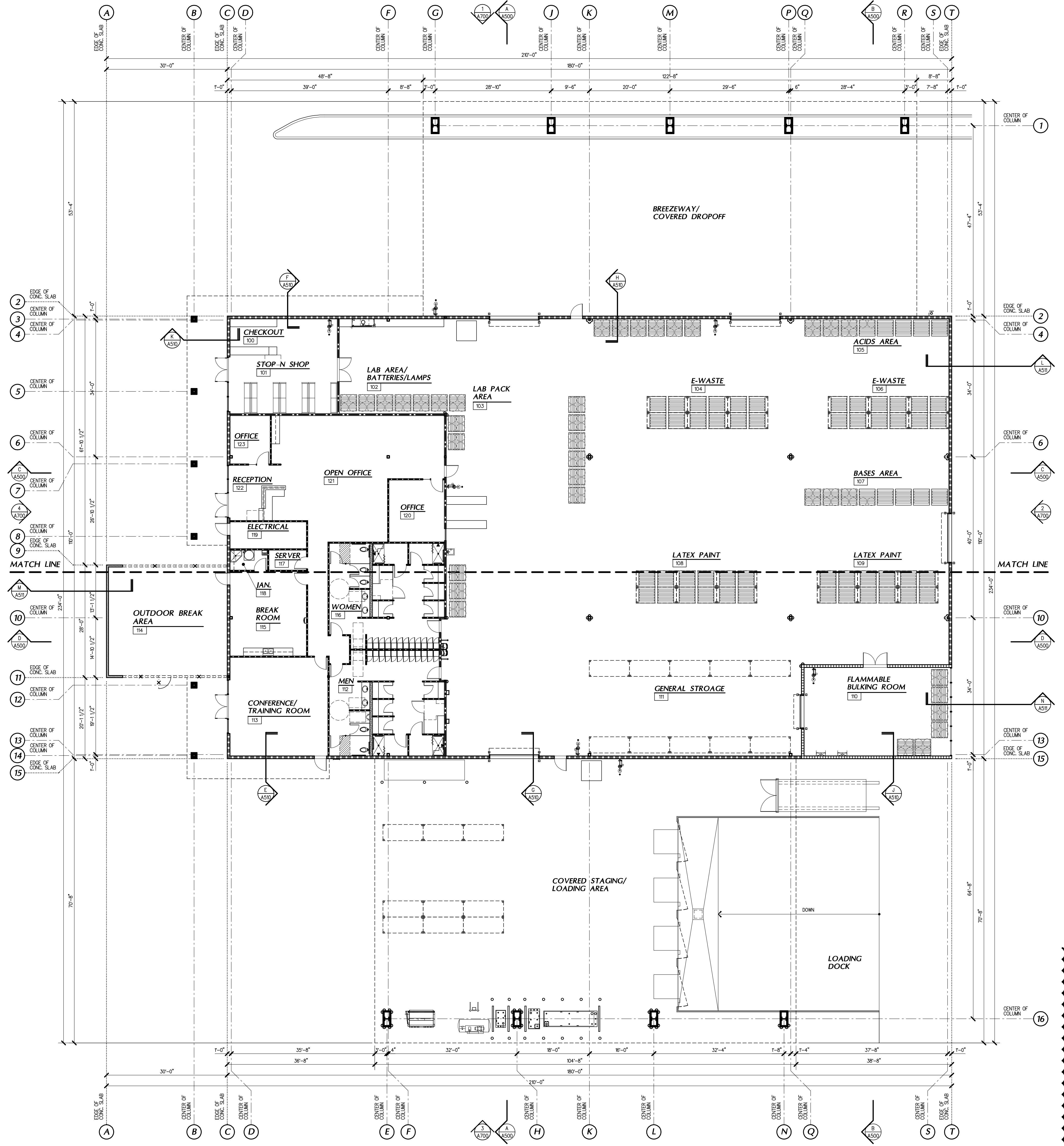
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 Mackenzie Flowers



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2/2/2026, 4:05:25 PM
 K202408865
 Dennis McNamara



FLOOR PLAN

3/32"

ACCESSIBLE CHANGING AREAS REVISED TO SHOW T-SHAPE TURNING SPACE INSTEAD OF THE CIRCULAR TURNING SPACE

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

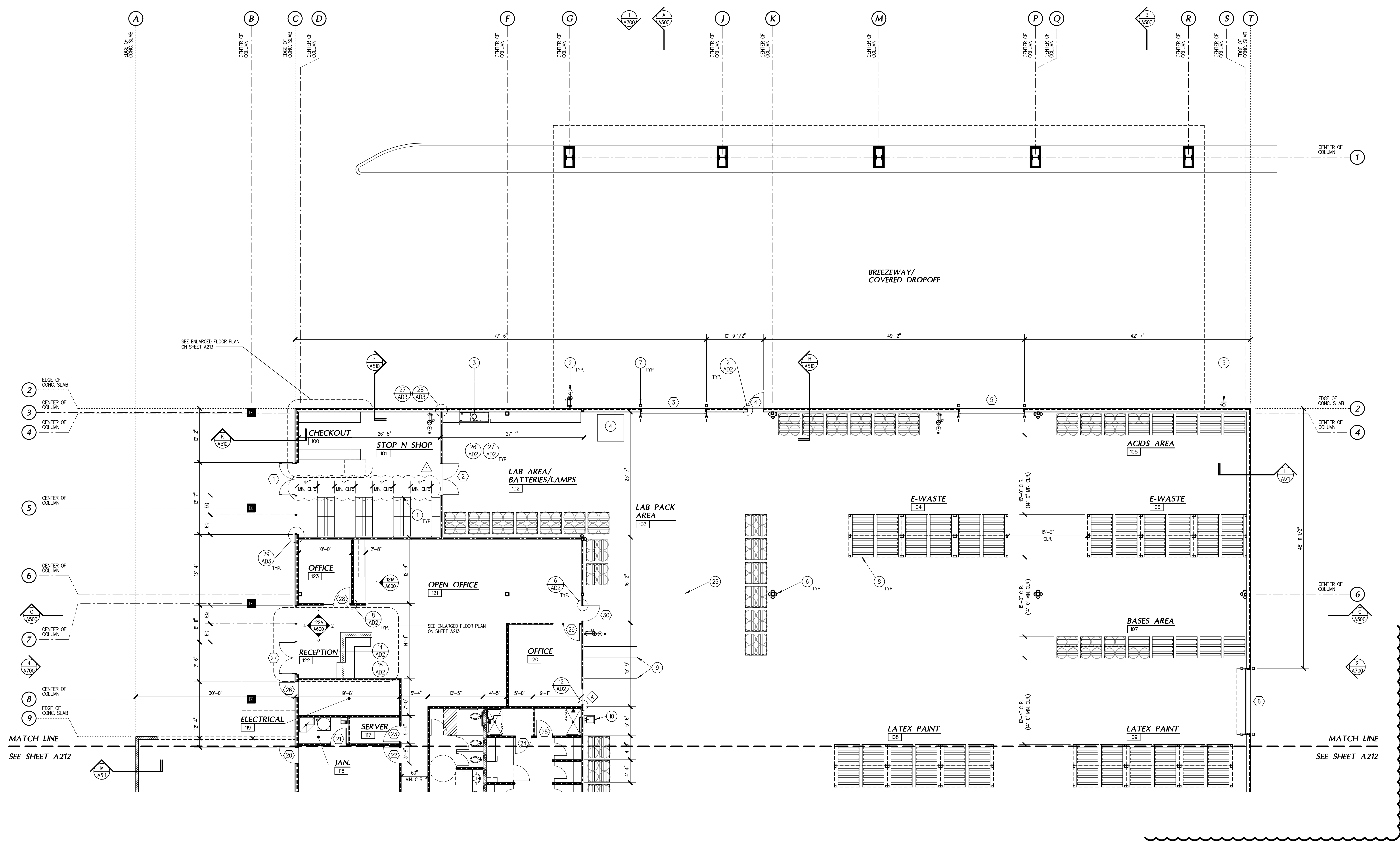
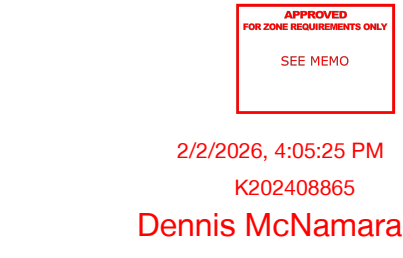
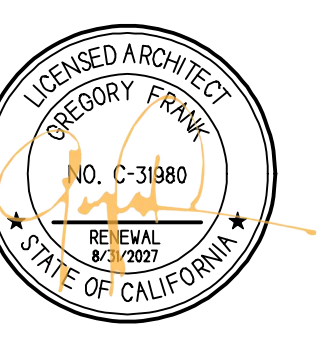
SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT RESUBMITAL
9-16-2025	BUILDING DEPARTMENT RESUBMITAL
10-30-2025	BUILDING DEPARTMENT RESUBMITAL

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE

JOB	7005
DP	AC/JV
PM	GLF
	A210

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ENLARGED FLOOR PLAN - NORTH

WALL LEGEND

- 2x4 WOOD STUDS @ 16" O.C. w/ 5/8" GYPSUM BOARD EACH SIDE - TOP @ 48" ABOVE ADJACENT CEILING
- 1-HOUR FIRE BARRIER CONSTRUCTED IN ACCORDANCE WITH UL-185 LISTED DESIGN WITH - 2x4 WOOD STUDS @ 16" O.C. - 1 LAYER 5/8" THICK GYPSUM BOARD PANEL EACH SIDE FROM FLOOR TO STRUCTURE ABOVE
- 2x4 WOOD STUDS @ 16" O.C. w/ 2" AEP SPAN PANELS EACH SIDE
- 2x4 WOOD STUDS @ 16" O.C. OVER 48" POURED IN PLACED CONCRETE WANSICOT w/ 2" AEP SPAN PANELS EXTERIOR
- 2x4 WOOD STUDS @ 16" O.C. w/ 5/8" GYPSUM BOARD EACH SIDE w/ BATT INSULATION FOR SOUND - TOP @ 48" ABOVE ADJACENT CEILING
- 3-HOUR FIRE BARRIER - 8" POURED IN PLACE CONCRETE WALL
- 3x8 WOOD STUDS @ 16" O.C. OVER 48" POURED IN PLACED CONCRETE WANSICOT w/ 2" AEP SPAN PANELS EXTERIOR
- 4 "KANESEY" SEALED CMU ALUMINUM STOREFRONT SYSTEM w/ CLEAR ANODIZED FINISH w/ CENTER LOADED 1" GLAZING BY TYPIC CLEAR w/ SOLARBROWN 700L (1/4 GLASS) 2" AIR SPACE w/ (4) GLASS - THE U-VALUE FOR GLAZING SHALL BE 0.35 MIN.
- EXPLOSION RELEASE PANELS BY OTHERS

- FLOOR PLAN NOTES**
- UNLESS OTHERWISE NOTED, PLAN DIMENSIONS SHALL BE TO FACE OF STUDS, CENTERS OF COLUMN OR, MINIMUM SURFACE OF MASONRY AND FACE OF CONCRETE WALLS. REFER TO ENLARGED FLOOR PLANS FOR REQUIRED CLEAR FLOOR SPACE DIMENSIONS. THE MOST RESTRICTIVE DIMENSION AND/OR CLEARANCE SHALL GOVERN.
 - INSTALL 5/8" MOISTURE RESISTANT WALL BOARD BEHIND ALL PLUMBING FIXTURE LOCATIONS.
 - ALL NEW GYPSUM BOARD SHALL HAVE METAL 90° CLINCH-ON CORNER BEAD - FLAT FINISH TO PROVIDE A SMOOTH TRANSITION.
 - PROVIDE HORIZONTAL BAKING FOR CABINETRY SHELVING AND ACCESSORIES AS REQUIRED - REFER TO DETAIL 18/ADD FOR ADDITIONAL INFORMATION.
 - INSTALL R-21 BATT INSULATION IN FRAMING AT ALL NEW EXTERIOR WALLS OR APPROVED EQUAL.
 - INSTALL R-17 BATT INSULATION AT ROOF DECK OF CONDITIONED SPACES OR APPROVED EQUAL.
 - ALL THERMAL WALL INSULATION SHALL EXTEND TO ROOF INSULATION FOR A CONTINUOUS ENVELOPE.
 - INSTALL BATT INSULATION AT MEN & WOMEN CEILING AND WALLS FOR SOUND.
 - INSTALL BATT INSULATION FOR SOUND AT ALL NEW PARTITIONS.
 - REFER TO STRUCTURAL DRAWINGS FOR SLAB THICKNESS AND REINFORCING REQUIREMENTS. PROVIDE 15 MIL STEEL WRAP VAPOR BARRIER.
 - PROVIDE "VAPORLOCK 20/20" CONCRETE ADMIXTURE FOR WATERPROOFING BY "SPECIALTY PRODUCTS GROUP SPC" OR APPROVED EQUAL.
 - PROVIDE THERMAL PRE-TREATMENT CONTROL TO SOILS SURROUNDING FOUNDATION.
 - PROVIDE THREE (3) FIRE EXTINGUISHERS IN SEM-RECESSED CABINETS - SEE PLAN FOR LOCATIONS.
 - INTERIOR GLAZING SHALL BE CLEAR w/ DECORATIVE FILM - VERIFY PATTERN w/ ARCHITECT

- FLOOR PLAN NOTES (CONTINUED)**
- IN ASSEMBLY SPACES AND CONFERENCE ROOMS, PROVIDE ASSISTIVE LISTENING SYSTEMS PER CBC 1B-29. MINIMUM NUMBER OF RECEIVERS PROVIDED TO BE 4% OF SEATS, BUT IN NO CASE LESS THAN TWO. TWENTY-FIVE PERCENT MINIMUM OF RECEIVERS PROVIDED IF NOT FEWER THAN TWO, SHALL BE HEARING-AID COMPATIBLE IN ACCORDANCE WITH SECTION 11B-700.3. IF THE ASSISTIVE LISTENING SYSTEM PROVIDED IS LIMITED TO SPECIFIC AREAS OF SEATS, THEN SUCH AREAS OR SEATS TO BE WITHIN A 50 FOOT VIEWING DISTANCE OF THE PERFORMING AREA. A SIGN SHALL BE POSTED IN A PROMINENT PLACE INDICATING THE AVAILABILITY OF ASSISTED LISTENING DEVICES. THE SIGN SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS AND WORDING THAT STATES "ASSISTIVE LISTENING SYSTEM AVAILABLE" - INSTALL ASSISTIVE LISTENING DEVICE LP-30V-072-0T R# 3 CHANNEL BY "LISTEN TECH" OR APPROVED EQUAL.
 - FLOOR SURFACE IS REQUIRED TO BE SLIP-RESISTANT.
 - ALL CONCRETE SAW CUTS SHALL BE REINFORCED WITH 1" LONG #4 REBAR DOWELS @ 32" O.C. STAGGER EACH SIDE - EMBED EACH DOWEL 6" INTO THE EXISTING CONCRETE SLAB - THE NEW CONCRETE SLAB THICKNESS SHALL MATCH THE EXISTING CONCRETE SLAB THICKNESS - VAPOR BARRIER AND SAND FILL SHALL MATCH THAT OF THE EXISTING CONCRETE SLAB.
 - SEE DETAIL 22/ADD FOR REQUIRED DOOR CLEARANCES.
 - QUANTITIES OF FLAMMABLE MATERIALS STORED IN FLAMMABLE BULKING ROOM 110 SHALL EXCEED THE QUANTITIES LISTED IN CBC TABLE 307(1) AND 307(2).
 - PER CBC 405.8.1.4 WHERE THE STORAGE TANK AREA IS LOCATED IN A BUILDING OF TWO OR MORE OCCUPANCIES AND THE QUANTITY OF LIQUID EXCEEDS THE MAXIMUM ALLOWABLE QUANTITY FOR ONE OCCUPANCY, THE USE SHALL BE COMPLETELY SEPARATED FROM ADJACENT OCCUPANCIES IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 508.4.
 - PER CBC 416.9.1.4, A LIQUID-TIGHT CONTAINMENT AREA COMPATIBLE WITH THE STORED LIQUID SHALL BE PROVIDED. THE METHOD OF SPILL CONTROL, DRAINAGE TO STORAGE, USE, OPERATING, MAINTENANCE AND HANDLING OF FLAMMABLE AND COMBUSTIBLE LIQUIDS SHALL BE IN ACCORDANCE WITH CALIFORNIA FIRE CODE CHAPTER 50 & 51.
 - FOR MAXIMUM EXPECTED QUANTITIES OF HAZARDOUS MATERIALS, PLEASE REFERENCE "PERMIT BY RULE REVISED NOTIFICATION" PROVIDED BY OWNER

WINDOW SCHEDULE

PROVIDE ALL HARDWARE FOR A COMPLETE INSTALLATION

- 3040 FIXED GLASS, DUAL GLAZED VINYL FRAME WINDOW
- 80100 FIXED GLASS, OLESTORY DUAL GLAZED VINYL FRAME WINDOW - SEE EXTERIOR ELEVATIONS

- KEY NOTES**
- SHELVING UNITS
 - EYE WASH AND SHOWER STATIONS
 - FLAME HOOD BY OTHERS
 - IN-GROUND SCALE BY OTHERS
 - FIRE SPRINKLER RISER
 - COLUMN PROTECTOR - 4 EA. PER COLUMN LONG, MODEL# WS-CP BY "WILCOX" OR EQUAL - INSTALL PER MANUFACTURER REQUIREMENTS
 - (4) 1" x 1" x 1" BOLLARDS AT EA. ROLLUP OR OPENING MODEL# WS-36 BY "WILCOX" OR EQUAL - INSTALL PER MANUFACTURER REQUIREMENTS
 - PALLET RACKS BY OTHERS
 - PERSONAL PROTECTIVE EQUIPMENT LOCKER
 - HAND SINK
 - 18"x18" LOCKERS
 - WASHER/DRYER SPACE
 - FUTURE FORKFLT CHARGING STATIONS
 - PROPANE CAGE

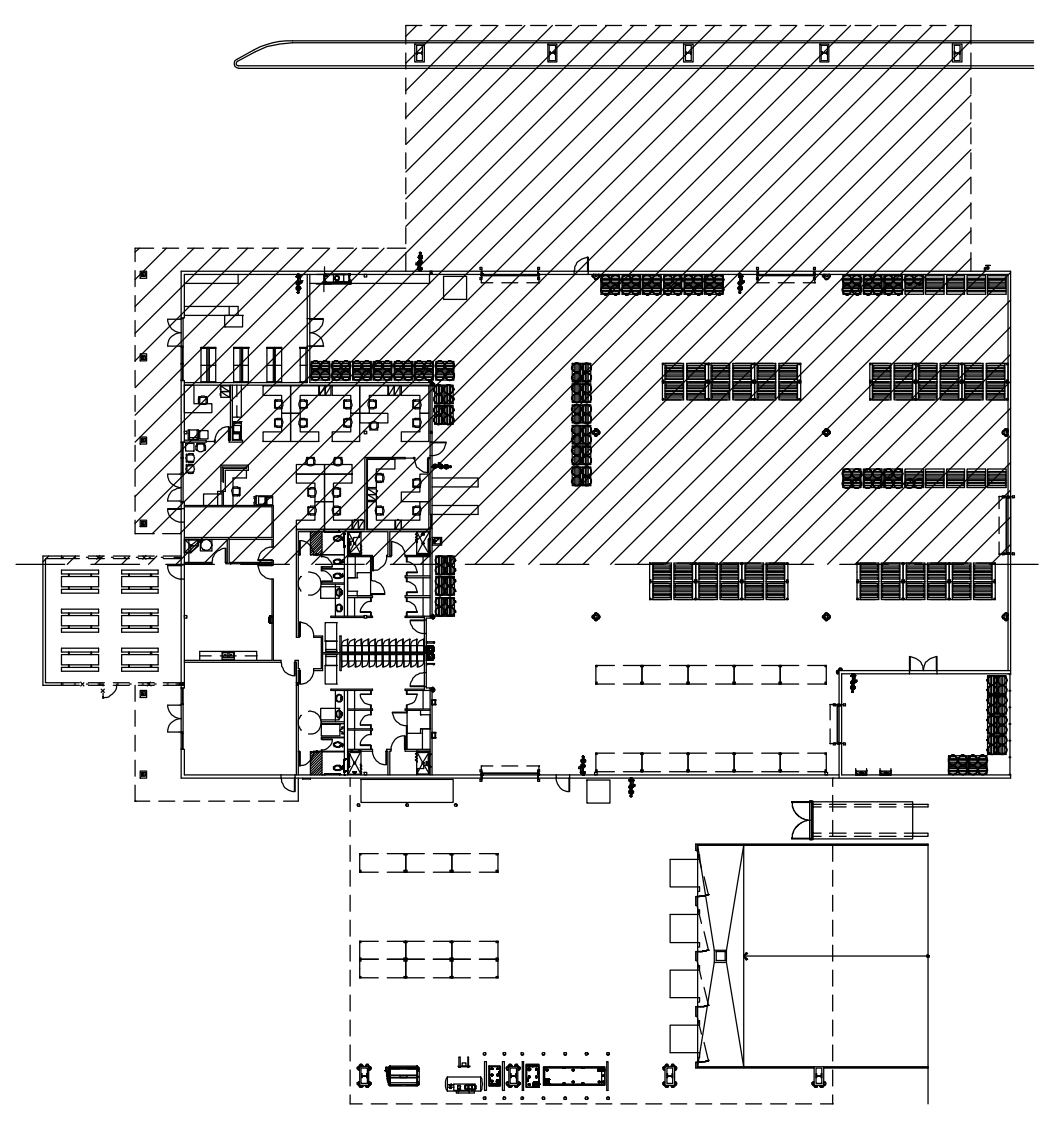
KEY NOTES (CONTINUED)

- TRUCK DOCK LEVELERS - "KELLY" 6"x6" 8'x1050" w/ "KELLY" 1433000 VEHICLE RESTRAINTS INSTALL PER MANUFACTURER REQUIREMENTS
- TRUCK DAMPER - "KELLY" VB620-1F-5F" INSTALL PER MANUFACTURER REQUIREMENTS
- LATEX STORAGE BIN w/ 1" CHANNELS SKIDS
- SWING-UP ARM DOCK SECURITY GATE BY OTHERS
- ANTIFREEZE TANK - PROVIDED BY OWNER
- OIL TANK (LARGE) - PROVIDED BY OWNER
- ANTIFREEZE TANK - PROVIDED BY OWNER
- OIL FILTER CRUISER - PROVIDED BY OWNER
- AIR COMPRESSOR - PROVIDED BY OWNER
- BALER - PROVIDED BY OWNER
- ROOF ACCESS LADDER

DESIGN CAPACITY

AREA	DRUMS	PALLET/CY
BULKING ROOM	24	6
LAPRACKS	96	29
ACIDS	16	8
BASES	14	8
E-WASTE	0	72
LATEX	0	72
TOTAL	148	195

1/8"



KEY PLAN

N.S.

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

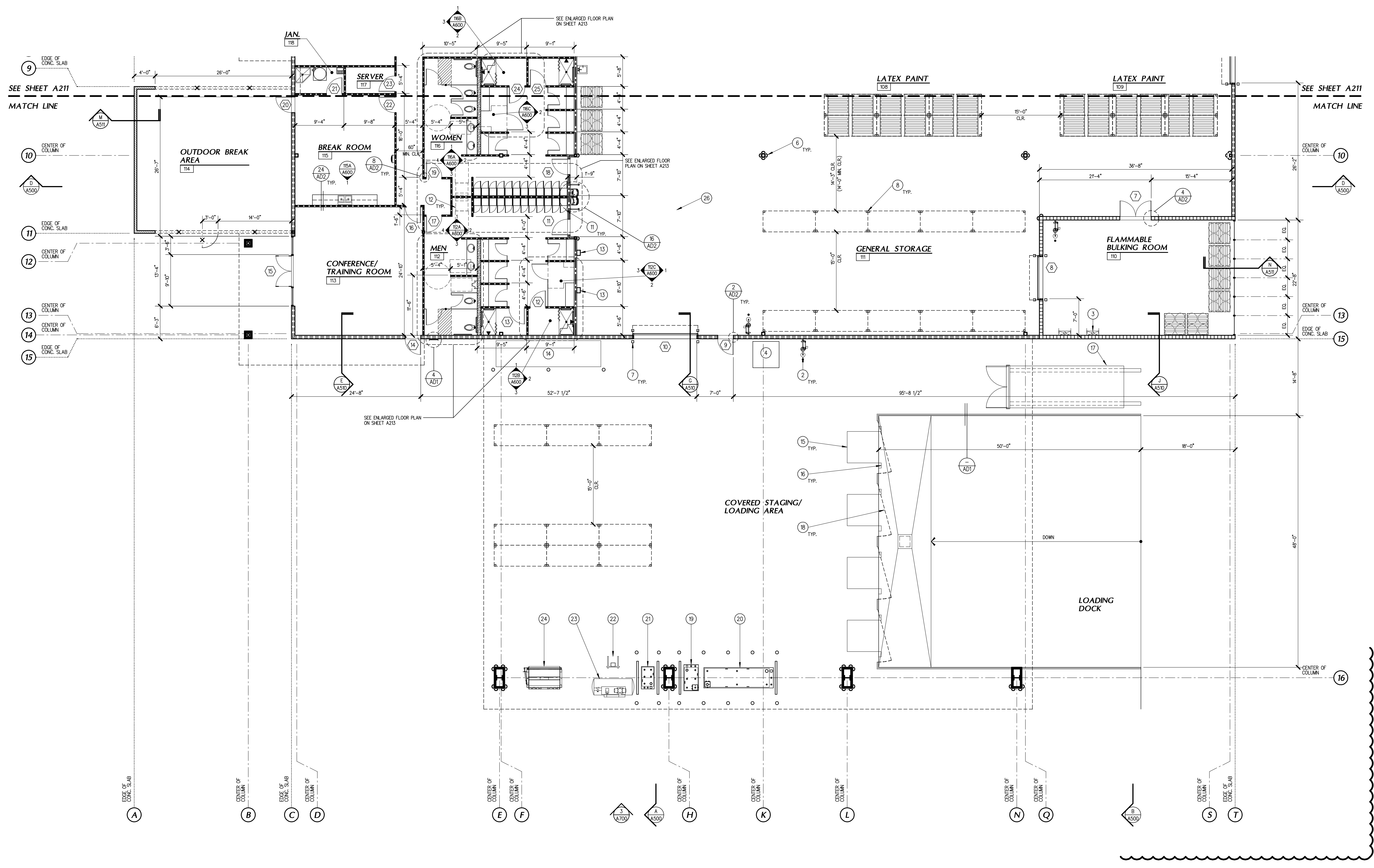
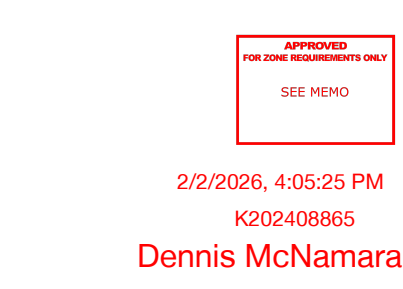
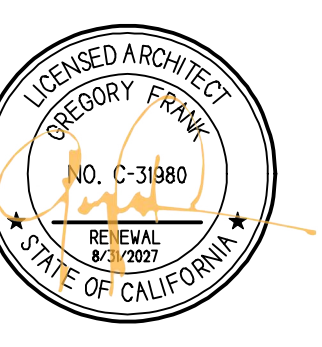
DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT REGULATORY
9-16-2025	BUILDING DEPARTMENT REGULATORY
10-30-2025	BUILDING DEPARTMENT REGULATORY

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE

JOB	NO.
DP	AC/3V
PM	GLF

A211

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ENLARGED FLOOR PLAN - SOUTH

1/8"

WALL LEGEND

- 1. 2x4 WOOD STUDS @ 16" O.C. w/ 5/8" GYPSUM BOARD EACH SIDE - TOP @ 48" ABOVE ADJACENT CEILING
- 2. 1-HOUR FIRE BARRIER CONSTRUCTED IN ACCORDANCE WITH UL-LISTED DESIGN WITH -2x4 WOOD STUDS @ 16" O.C. - 1 LAYER 5/8" THICK GYPSUM BOARD PANEL EACH SIDE FROM FLOOR TO STRUCTURE ABOVE
- 3. 2x6 WOOD STUDS @ 16" O.C. w/ 2" AEP SPAN PANELS EACH SIDE
- 4. 2x4 WOOD STUDS @ 16" O.C. OVER 48" POURED IN PLACED CONCRETE WANSICOT w/ 2" AEP SPAN PANELS EXTERIOR
- 5. 2x6 WOOD STUDS @ 16" O.C. w/ 5/8" GYPSUM BOARD EACH SIDE w/ BATT INSULATION FOR SOUND - TOP @ 48" ABOVE ADJACENT CEILING
- 6. 3-HOUR FIRE BARRIER - 8" POURED IN PLACE CONCRETE WALL
- 7. 4 "KANESEY" SEALED CMU ALUMINUM STOREFRONT SYSTEM w/ CLEAR ANODIZED FINISH w/ CENTER LOADED 1" SWAG GLAZING BY TYPICAL CLEAR w/ SOLARBARRIER OVER SOLARBARRIER 700L (1/4 GLASS)/2" AIR SPACE (1/4" AIR SPACE) - THE U-VALUE FOR GLAZING SHALL BE 0.35 MIN.
- 8. EXPLOSION RELEASE PANELS BY OTHERS

- FLOOR PLAN NOTES**
1. UNLESS OTHERWISE NOTED, PLAN DIMENSIONS SHALL BE TO FACE OF STUDS, CENTERS OF COLUMN ORS, FINISH SURFACE OF MASONRY AND FACE OF CONCRETE WALLS. REFER TO ENLARGED FLOOR PLANS FOR REQUIRED CLEAR FLOOR SPACE DIMENSIONS. THE MOST RESTRICTIVE DIMENSION AND/OR CLEARANCE SHALL GOVERN.
 2. INSTALL 5/8" MOISTURE RESISTANT WALL BOARD BEHIND ALL PLUMBING FIXTURE LOCATIONS.
 3. ALL NEW GYPSUM BOARD SHALL HAVE METAL 90° CLINCH-ON CORNER BEAD - FLOAT FINISH TO PROVIDE A SMOOTH TRANSITION.
 4. PROVIDE HORIZONTAL BAKING FOR CABINETRY SHELVING AND ACCESSORIES AS REQUIRED - REFER TO DETAIL 18/ADD FOR ADDITIONAL INFORMATION.
 5. INSTALL R-21 BATT INSULATION IN FRAMING AT ALL NEW EXTERIOR WALLS OR APPROVED EQUAL.
 6. INSTALL R-17 BATT INSULATION AT ROOF DECK OF CONDITIONED SPACES OR APPROVED EQUAL.
 7. ALL THERMAL WALL INSULATION SHALL EXTEND TO ROOF INSULATION FOR A CONTINUOUS ENVELOPE.
 8. INSTALL BATT INSULATION AT MEN & WOMEN CEILING AND WALLS FOR SOUND.
 9. INSTALL BATT INSULATION AT ALL NEW PARTITIONS.
 10. REFER TO STRUCTURAL DRAWINGS FOR SLAB THICKNESS AND REINFORCING REQUIREMENTS. PROVIDE 15 MIL. STEEL VAPOR BARRIER.
 11. PROVIDE "VAPORLOCK 20/20" CONCRETE ADMIXTURE FOR WATERPROOFING BY "SPECIALTY PRODUCTS GROUP SPC" OR APPROVED EQUAL.
 12. PROVIDE THERMAL PRE-TREATMENT CONTROL TO SOILS SURROUNDING FOUNDATION.
 13. PROVIDE THREE (3) FIRE EXTINGUISHERS IN SEM-RECESSED CABINETS - SEE PLAN FOR LOCATIONS.
 14. INTERIOR GLAZING SHALL BE CLEAR w/ DECORATIVE FILM - VERIFY PATTERN w/ ARCHITECT

- FLOOR PLAN NOTES (CONTINUED)**
15. IN ASSEMBLY SPACES AND CONFERENCE ROOMS: PROVIDE ASSISTIVE LISTENING SYSTEMS PER CBC 1B-219. MINIMUM NUMBER OF RECEIVERS PROVIDED TO BE 4% OF SEATS, BUT IN NO CASE LESS THAN TWO. TWENTY-FIVE PERCENT MINIMUM OF RECEIVERS PROVIDED, BUT NO FEWER THAN TWO, SHALL BE HEARING-AID COMPATIBLE IN ACCORDANCE WITH SECTION 1B-700.3. IF THE ASSISTIVE LISTENING SYSTEM PROVIDED IS LIMITED TO SPECIFIC AREAS OF SEATS, THEN SUCH AREAS OR SEATS TO BE WITHIN A 50 FOOT VIEWING DISTANCE OF THE PERFORMING AREA. A SIGN SHALL BE POSTED IN A PROMINENT PLACE INDICATING THE AVAILABILITY OF ASSISTED LISTENING DEVICES. THE SIGN SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS AND WORKING THAT STATES "ASSISTIVE LISTENING SYSTEM AVAILABLE" - INSTALL ASSISTIVE LISTENING DEVICE LP-30V-072-01 RF 3 CHANNEL BY TUSTEN TECH OR APPROVED EQUAL.
 16. FLOOR SURFACE IS REQUIRED TO BE SLIP-RESISTANT.
 17. ALL CONCRETE SAW CUTS SHALL BE REINFORCED WITH 1" LONG #4 REBAR DOWELS @ 32" O.C. STAGGER EACH SIDE - EMBED EACH DOWEL 6" INTO THE EXISTING CONCRETE SLAB - THE NEW CONCRETE SLAB THICKNESS SHALL MATCH THE EXISTING CONCRETE SLAB THICKNESS - VAPOR BARRIER AND SAND FILL SHALL MATCH THAT OF THE EXISTING CONCRETE SLAB.
 18. SEE DETAIL 22/ADD FOR REQUIRED DOOR CLEARANCES.
 19. QUANTITIES OF FLAMMABLE MATERIALS STORED IN FLAMMABLE BULKING ROOM TO SHALL EXCEED THE QUANTITIES LISTED IN CBC TABLE 307(1) AND 307(2).
 20. PER CBC 405.9.1.4 WHERE THE STORAGE TANK AREA IS LOCATED IN A BUILDING OF TWO OR MORE OCCUPANCIES AND THE QUANTITY OF LIQUID EXCEEDS THE MAXIMUM ALLOWABLE QUANTITY FOR ONE OCCUPANCY, THE USE SHALL BE COMPLETELY SEPARATED FROM ADJACENT OCCUPANCIES IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 508.4.
 21. PER CBC 405.9.1.4, A LIQUID-TIGHT CONTAINMENT AREA COMPATIBLE WITH THE STORED LIQUID SHALL BE PROVIDED. THE METHOD OF SPILL CONTROLLING DRAINAGE CONTROL AND SECONDARY CONTAINMENT SHALL BE IN ACCORDANCE WITH THE CALIFORNIA FIRE CODE.
 22. PREVENTION, CONTROL AND MITIGATION OF DANGEROUS CONDITIONS RELATED TO STORAGE, USE, OPERATING, MAINT AND HANDLING OF FLAMMABLE AND COMBUSTIBLE LIQUIDS SHALL BE IN ACCORDANCE WITH CALIFORNIA FIRE CODE CHAPTER 50 & 51.
 23. FOR MAXIMUM EXPECTED QUANTITIES OF HAZARDOUS MATERIALS, PLEASE REFERENCE PERMIT BY RULE REVISED NOTIFICATION PROVIDED BY OWNER

WINDOW SCHEDULE

PROVIDE ALL HARDWARE FOR A COMPLETE INSTALLATION

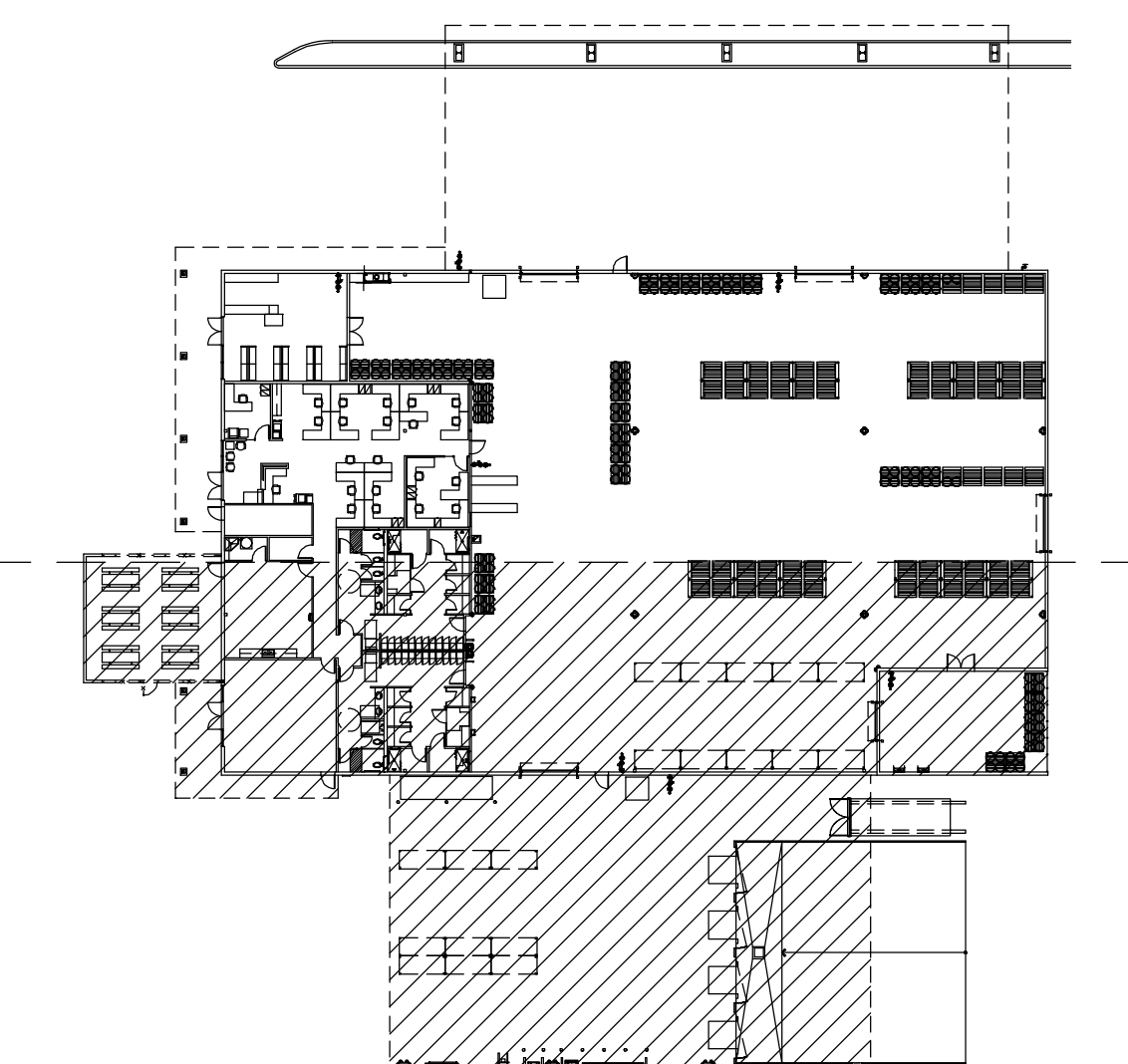
- A 3040 FIXED GLASS, DUAL GLAZED VINYL FRAME WINDOW
- B 8000 FIXED GLASS, OLESTORY DUAL GLAZED VINYL FRAME WINDOW - SEE EXTERIOR ELEVATIONS

- KEY NOTES**
1. SHELVING UNITS
 2. EYE WASH AND SHOWER STATIONS
 3. FUME HOOD BY OTHERS
 4. IN-GROUND SCALE BY OTHERS
 5. FIRE SPRINKLER RISER
 6. COLUMN PROTECTOR - 4 EA. PER COLUMN LONG. MODEL# WS-CP BY "WILCOX" OR EQUAL - INSTALL PER MANUFACTURER REQUIREMENTS
 7. (4) 1" x 5" ST BOLLARDS AT EA. ROLLUP OR OPENING MODEL# WS-16 BY "WILCOX" OR EQUAL - INSTALL PER MANUFACTURER REQUIREMENTS.
 8. PALLET RACKS BY OTHERS
 9. PERSONAL PROTECTIVE EQUIPMENT LOCKER
 10. HAND SINK
 11. 18"x18" LOCKERS
 12. WASHER/DRYER SPACE
 13. FUTURE FORKTRUCK CHARGING STATIONS
 14. PROPANE CAGE

- KEY NOTES (CONTINUED)**
15. TRUCK DOCK LEVELERS - "KELLY" 16'x 6'x1050" w/ "KELLY" 1413000" VEHICLE RESTRAINTS INSTALL PER MANUFACTURER REQUIREMENTS
 16. TRUCK BUMPER - "KELLY" V6020-1F-5F" INSTALL PER MANUFACTURER REQUIREMENTS
 17. LATEX STORAGE BIN (W) 4" CHANNELS SHEDS
 18. SWING-UP ARM DOCK SECURITY GATE BY OTHERS
 19. OIL TANK (SMALL) - PROVIDED BY OWNER
 20. OIL TANK (LARGE) - PROVIDED BY OWNER
 21. ANTI-FREEZE TANK - PROVIDED BY OWNER
 22. OIL FILTER CRUSHER - PROVIDED BY OWNER
 23. AIR COMPRESSOR - PROVIDED BY OWNER
 24. BALER - PROVIDED BY OWNER
 25. ROOF ACCESS LADDER

DESIGN CAPACITY

AREA	DRUMS	PALLET/CY
BULKING ROOM	24	6
LAPRACKS	96	29
ACIDS	16	8
BASES	14	8
E-WASTE	0	72
LATEX	0	72
TOTAL	148	195



KEY PLAN

N.S.

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

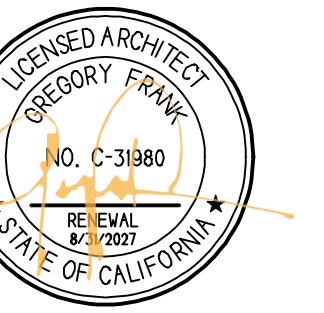
SEC. OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT REGULATORY
9-16-2025	BUILDING DEPARTMENT REGULATORY
10-30-2025	BUILDING DEPARTMENT REGULATORY

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE

JOB 7005	DP AC/3V	A212
PM GLF		

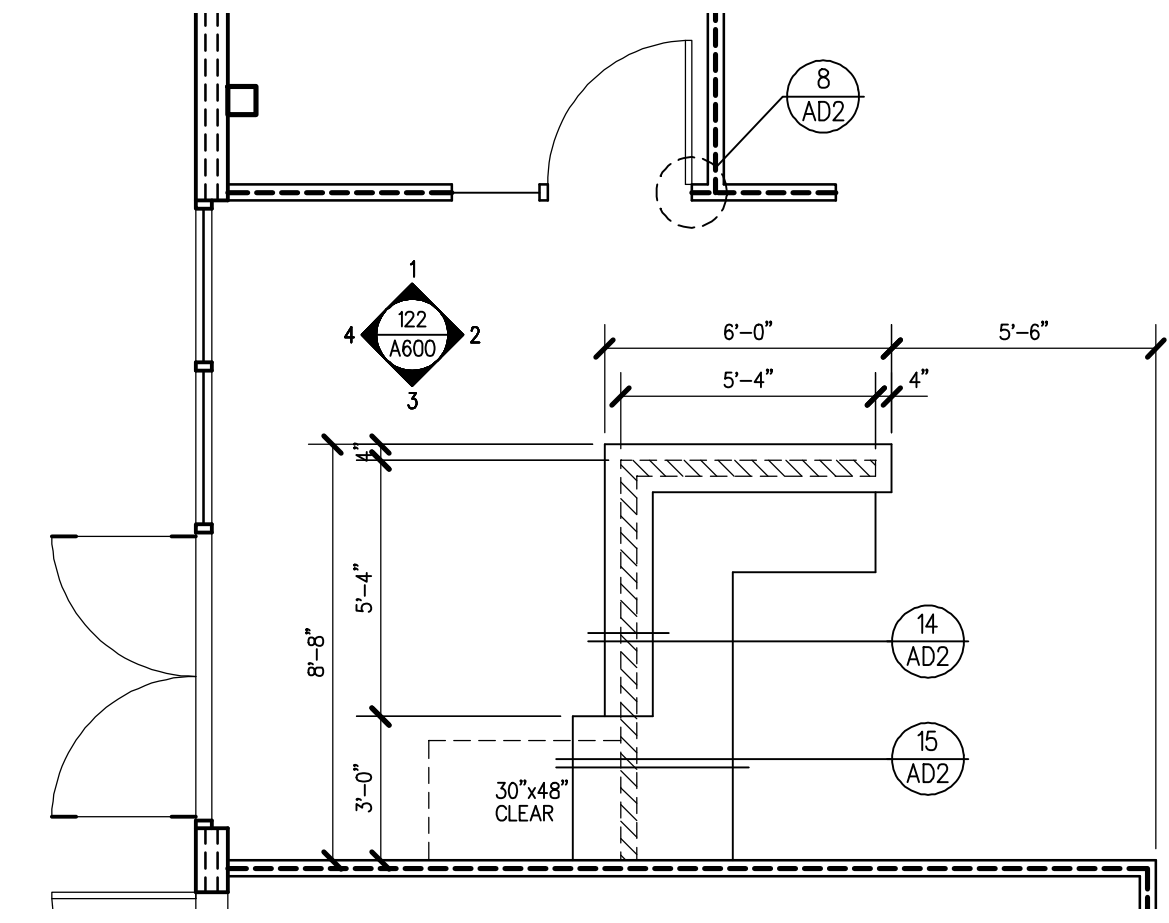
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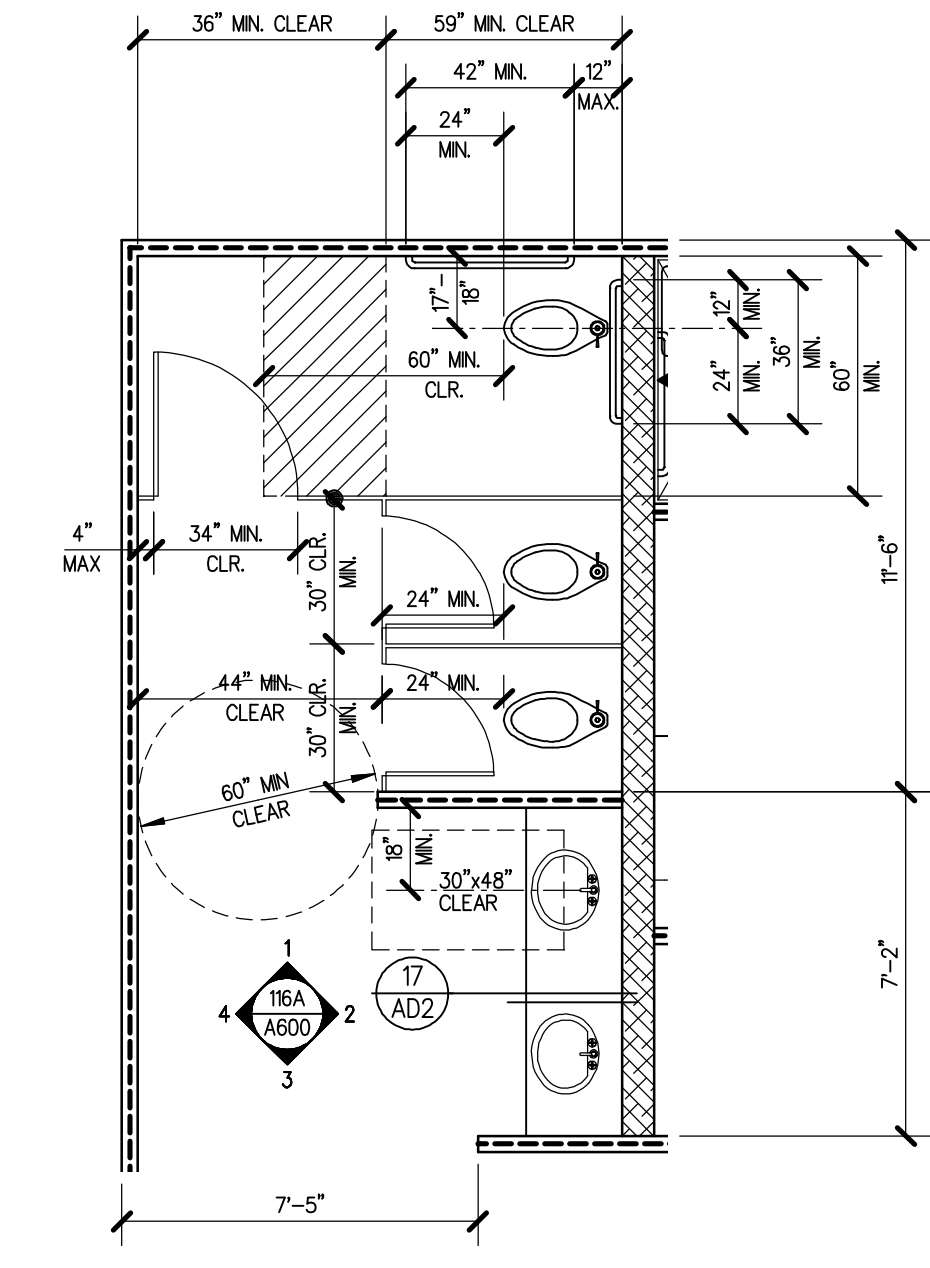
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Mackenzie Flowers



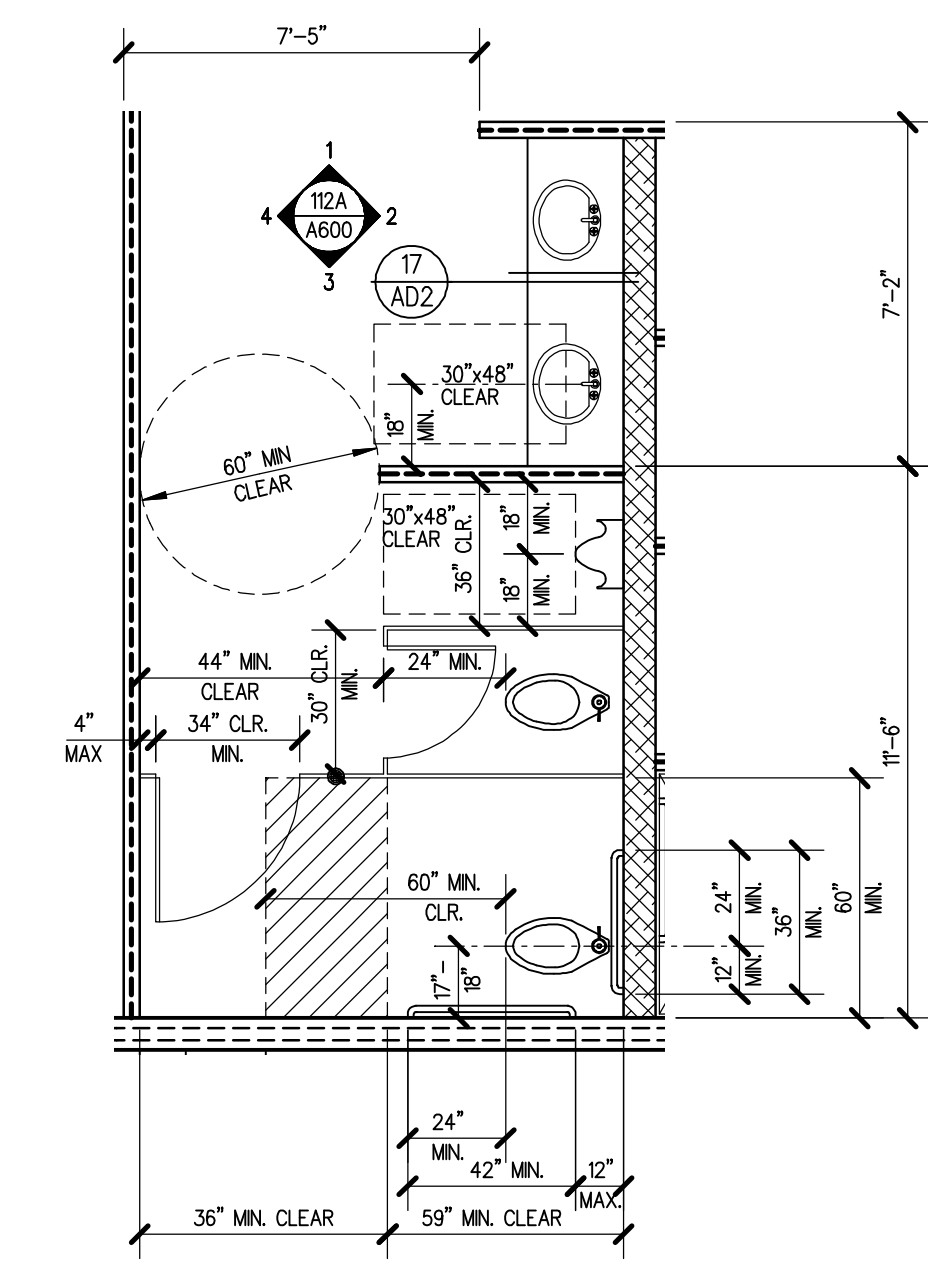
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ENLARGED FLOOR PLAN 1/4"
RECEPTION 122

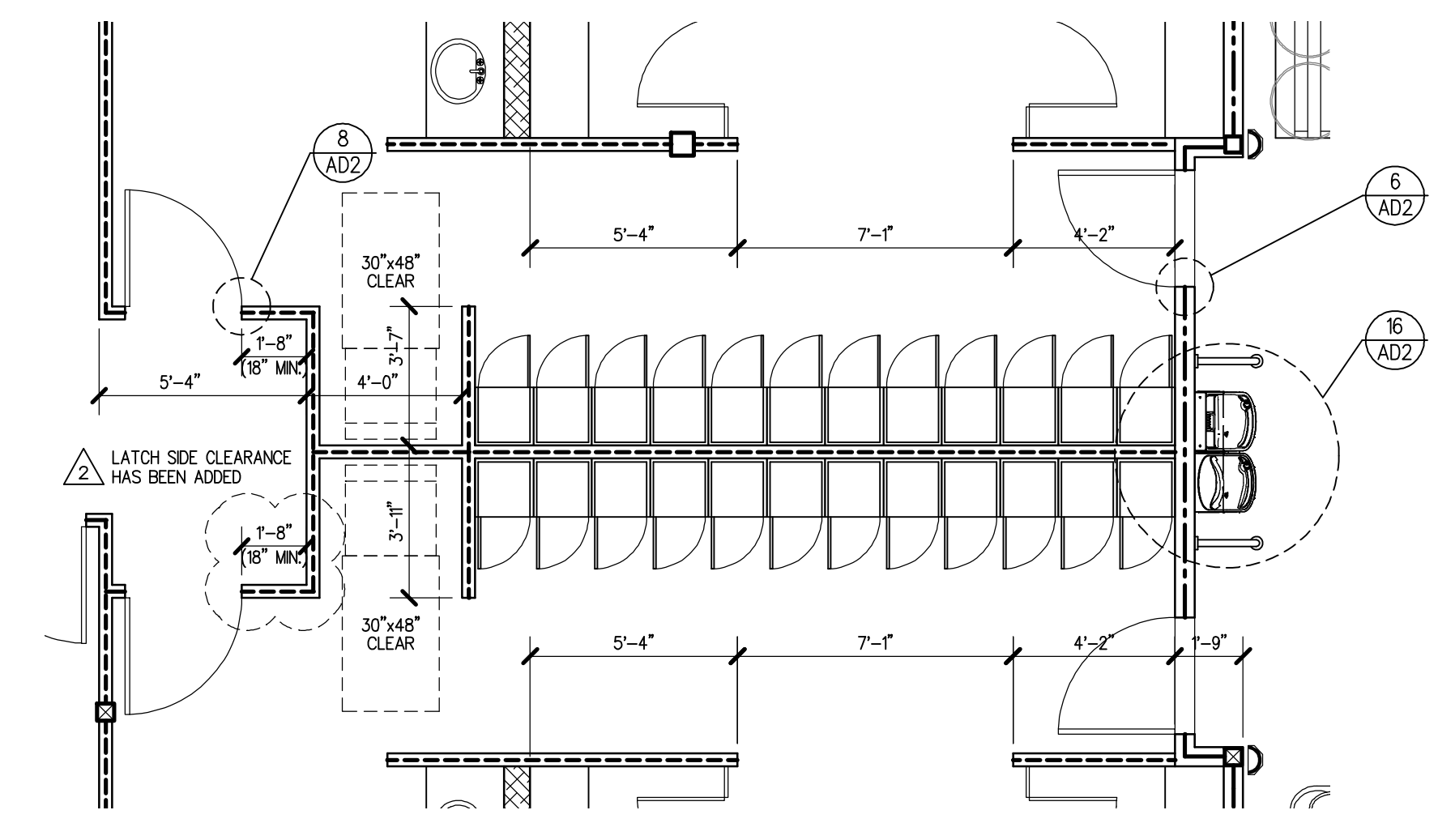


ENLARGED FLOOR PLAN 1/4"
WOMEN 116 - RESTROOM



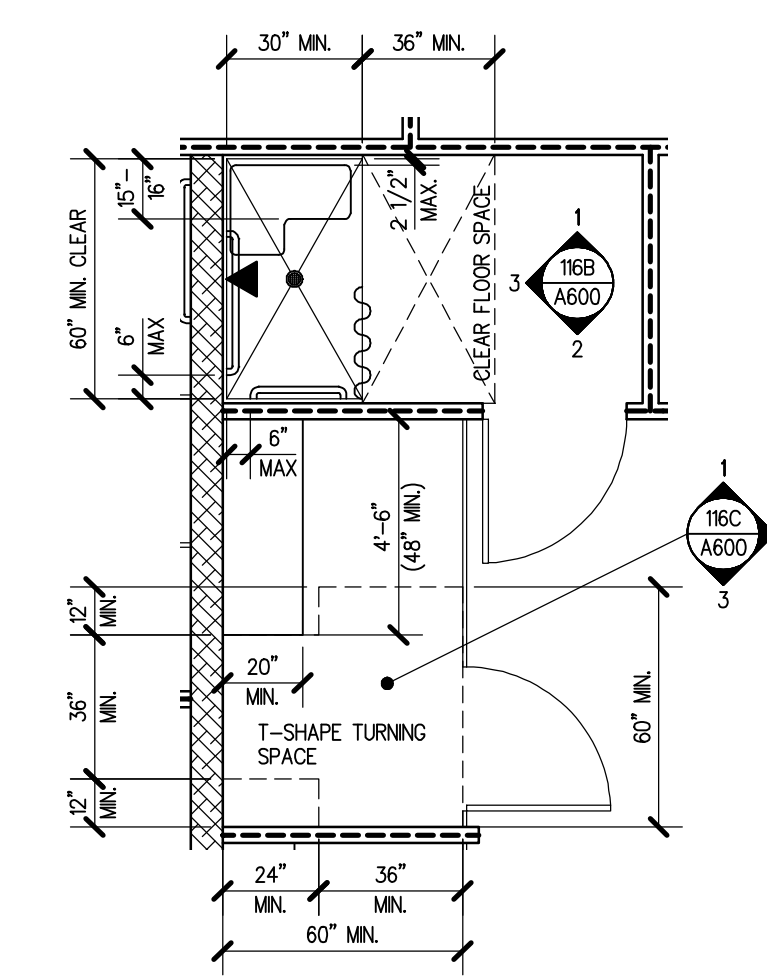
ENLARGED FLOOR PLAN 1/4"
MEN 112 - RESTROOM

△ LATCH SIDE CLEARANCE FOR ACCESSIBLE WATER CLOSETS HAS BEEN ADDED



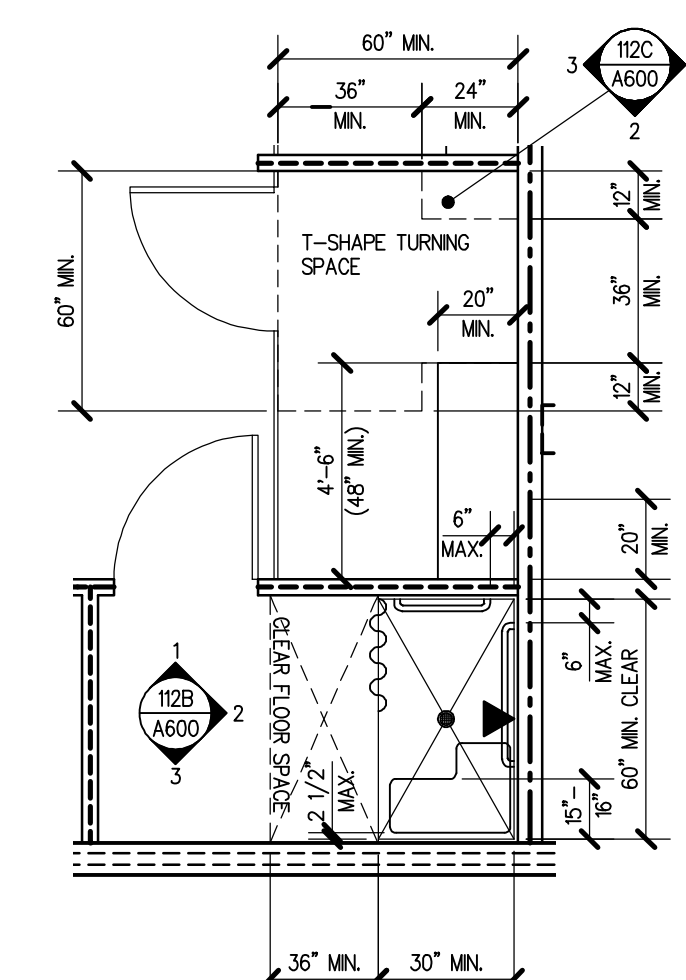
ENLARGED FLOOR PLAN 1/4"
LOCKER ROOMS

NOTE: PER CDC SECTION 119.2.1, WHERE LOCKERS ARE PROVIDED, AT LEAST 5 PERCENT, BUT NO FEWER THAN ONE OF EACH TYPE, SHALL COMPLY WITH SECTION 119.2.1. ACCESSIBLE LOCKERS SHALL HAVE A BOTTOM SHELF NO LOWER THAN 5" AND UPPER SHELF/OPERABLE PART NO LOWER THAN 48".
NOTE: PER CDC 119.2.1.3, CONTROL AND OPERATING MECHANISMS LOCATED OVER AN OBSTRUCTION SHALL BE LOCATED WITHIN THE REACH RANGES SPECIFIED IN SECTION 119.2.1.



ENLARGED FLOOR PLAN 1/4"
WOMEN 116 - ACCESSIBLE CHANGING POD/SHOWER

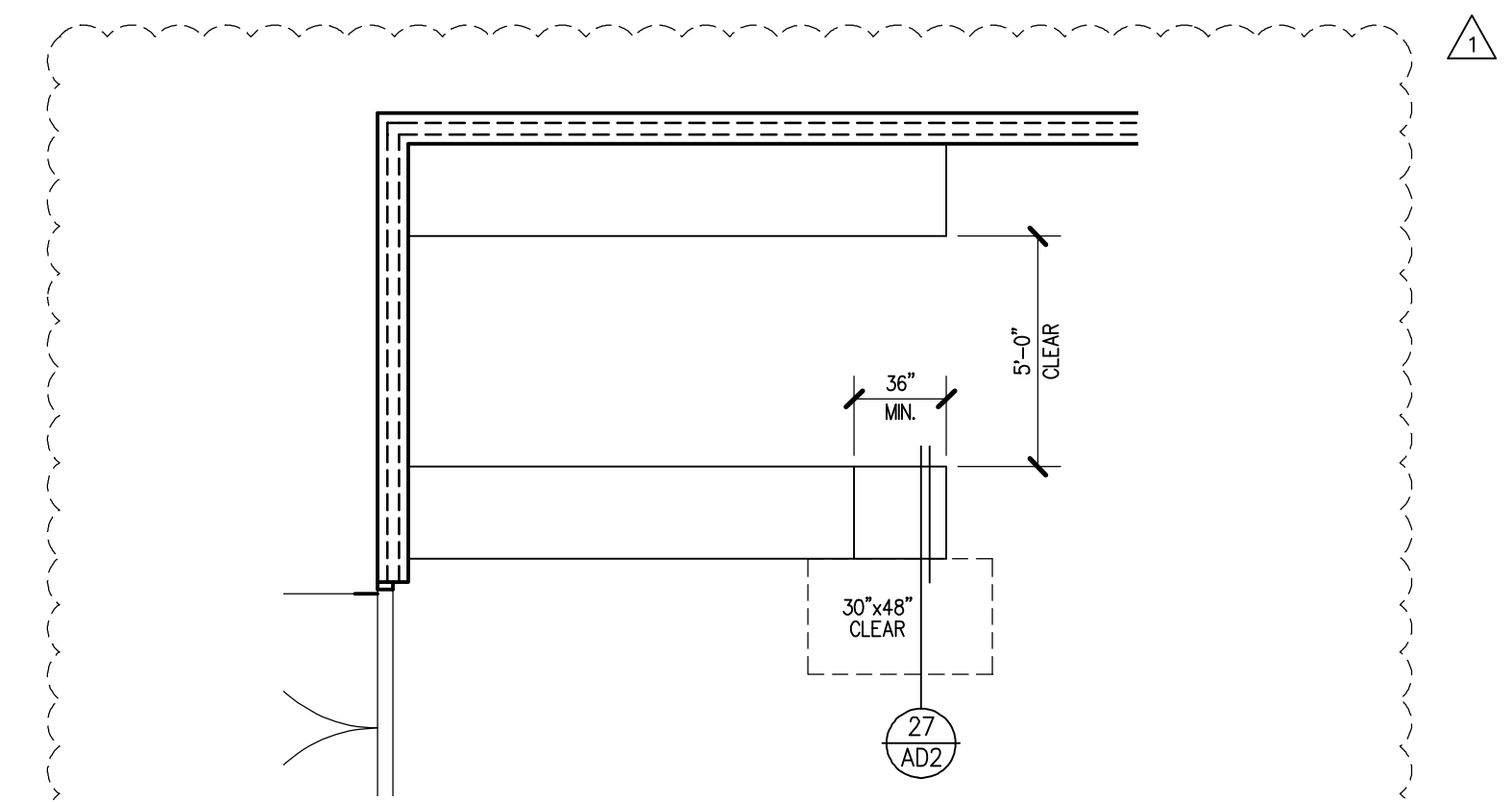
NOTE: ACCESSIBLE BENCH SHALL BE AFFIXED TO WALL ALONG ITS LONG DIMENSION PER CDC 119.2.1.4.



ENLARGED FLOOR PLAN 1/4"
MEN 112 - ACCESSIBLE CHANGING POD/SHOWER

NOTE: ACCESSIBLE BENCH SHALL BE AFFIXED TO WALL ALONG ITS LONG DIMENSION PER CDC 119.2.1.4.

△ CLEAR SPACE HAS BEEN PROVIDED AT END OF CHANGING ROOM BENCH
△ CHANGING AREA REVISED TO SHOW T-SHAPE TURNING SPACE INSTEAD OF THE CIRCULAR TURNING SPACE



ENLARGED FLOOR PLAN 1/4"
CHECKOUT 100



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Dennis McNamara

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

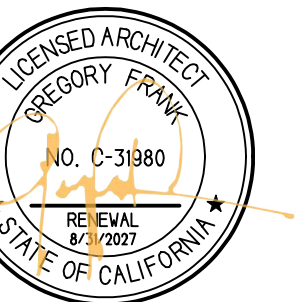
SEC OF DOWNING AVE & WEAR ST
BAKERSFIELD, CALIFORNIA

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JOB 7005	A213
DP AC/JV	
PM CLF	

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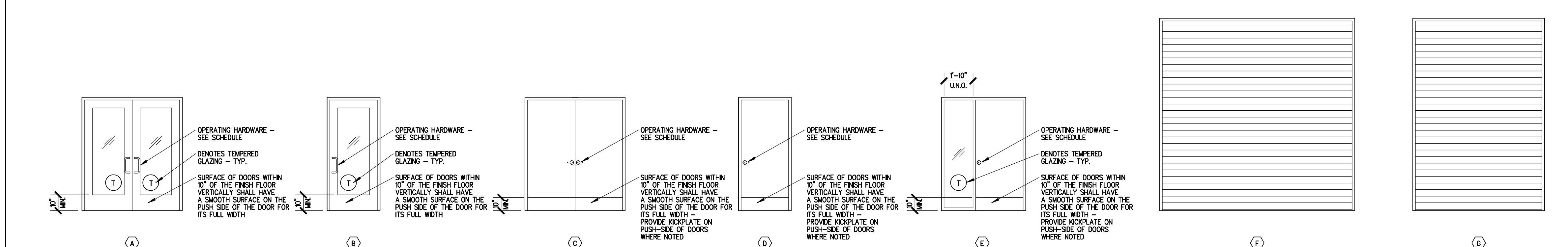


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 Dennis McNamara

DOOR SCHEDULE

DOOR NO.	LOCATION	FIRE RATING	DOOR DESCRIPTION	DOOR TYPE	DOOR FINISH	HARDWARE SET	DOOR FRAME	HEAD DETAIL	JAMB DETAIL	FRAME FINISH	REQUIRED SIGNAGE (NOT INCLUDING TENANT ROOM IDENTIFICATION)	ADDITIONAL HARDWARE/ MISC.	REMARKS
1	EXTERIOR TO STOP N SHOP 101		PAIR OF 3070 TEMPERED STOREFRONT	A	DARK BRONZE ANODIZED		INTEGRAL ALUMINUM STOREFRONT SYSTEM			DARK BRONZE ANODIZED	SYMBOL OF ACCESSIBILITY-1/AD1		TEMPERED INTEGRAL EXTERIOR STOREFRONT SYSTEM - SEE ELEVATIONS
2	STOP N SHOP 101 TO LAB AREA/BATTERIES/LAMPS 102	60 MINUTE FIRE RATED DOOR & FRAME w/ LABELS	PAIR OF 3070 INSULATED METAL	C	PANT		HOLLOW METAL	5 AD2	6 AD2	PANT			
3	EXTERIOR TO LAB PACK AREA 103		120120 INSULATED OVERHEAD ROLL-UP	F			STEEL WALL WITH VINYL JAMB						
4	EXTERIOR TO LAB PACK AREA 103		3070 INSULATED METAL	D	PANT		HOLLOW METAL	1 AD2	2 AD2	PANT	SYMBOL OF ACCESSIBILITY-1/AD1		
5	EXTERIOR TO E-WASTE 104		120120 INSULATED OVERHEAD ROLL-UP	F			STEEL WALL WITH VINYL JAMB						
6	EXTERIOR TO LATEX PAINT 109		120120 INSULATED OVERHEAD ROLL-UP	F			STEEL WALL WITH VINYL JAMB						
7	FLAMMABLE BULKING ROOM 110 TO LATEX PAINT 109	3-HOUR FIRE RATED DOOR & FRAME w/ LABELS	PAIR OF 3070 INSULATED METAL	C	PANT		HOLLOW METAL	3 AD2	4 AD2	PANT			
8	FLAMMABLE BULKING ROOM 110 TO GENERAL STORAGE 111	3-HOUR FIRE RATED DOOR & FRAME w/ LABELS	80120 INSULATED OVERHEAD ROLL-UP	G			STEEL WALL WITH VINYL JAMB						
9	EXTERIOR TO GENERAL STORAGE 111		3070 INSULATED METAL	D	PANT		HOLLOW METAL	1 AD2	2 AD2	PANT	SYMBOL OF ACCESSIBILITY-1/AD1		
10	EXTERIOR TO GENERAL STORAGE 111		120120 INSULATED OVERHEAD ROLL-UP	F			STEEL WALL WITH VINYL JAMB						
11	MEN 112 TO WAREHOUSE	60 MINUTE FIRE RATED DOOR & FRAME w/ LABELS	3070 INSULATED METAL	D	PANT		HOLLOW METAL	5 AD2	6 AD2	PANT			
12	MEN ACCESSIBLE SHOWER TO MEN CHANGING ROOM		3070 SOLID CORE 5-PANEL PAINT GRADE	D	PANT		ALUMINUM	7 AD2	8 AD2	CLEAR ANODIZED			
13	MEN SHOWER TO MEN CHANGING ROOM		3070 SOLID CORE 5-PANEL PAINT GRADE	D	PANT		ALUMINUM	7 AD2	8 AD2	CLEAR ANODIZED			
14	EXTERIOR TO CONFERENCE/TRAINING ROOM 113		3070 INSULATED METAL	D	PANT		HOLLOW METAL	1 AD2	2 AD2	PANT	SYMBOL OF ACCESSIBILITY-1/AD1		
15	EXTERIOR TO CONFERENCE/TRAINING ROOM 113		PAIR OF 3070 TEMPERED STOREFRONT	A	DARK BRONZE ANODIZED		INTEGRAL ALUMINUM STOREFRONT SYSTEM			DARK BRONZE ANODIZED			TEMPERED INTEGRAL EXTERIOR STOREFRONT SYSTEM - SEE ELEVATIONS
16	CONFERENCE/TRAINING ROOM 113 TO CORRIDOR		3070 SOLID CORE 5-PANEL PAINT GRADE	D	PANT		ALUMINUM	7 AD2	8 AD2	CLEAR ANODIZED			
17	MEN 112 TO CORRIDOR		3070 SOLID CORE 5-PANEL PAINT GRADE	D	PANT		ALUMINUM	7 AD2	8 AD2	CLEAR ANODIZED			
18	WOMEN 116 TO WAREHOUSE	60 MINUTE FIRE RATED DOOR & FRAME w/ LABELS	3070 INSULATED METAL	D	PANT		HOLLOW METAL	5 AD2	6 AD2	PANT			
19	WOMEN 116 TO CORRIDOR		3070 SOLID CORE 5-PANEL PAINT GRADE	D	PANT		ALUMINUM	7 AD2	8 AD2	CLEAR ANODIZED			
20	BREAK ROOM 115 TO OUTDOOR BREAK AREA 114		3070 INSULATED METAL	D	PANT		HOLLOW METAL	1 AD2	2 AD2	PANT			
21	JANITOR 116 TO BREAK ROOM 115		3070 SOLID CORE 5-PANEL PAINT GRADE	D	PANT		ALUMINUM	7 AD2	8 AD2	CLEAR ANODIZED			
22	BREAK ROOM 115 TO CORRIDOR		3070 SOLID CORE 5-PANEL PAINT GRADE	D	PANT		ALUMINUM	7 AD2	8 AD2	CLEAR ANODIZED			
23	SERVER 117 TO CORRIDOR		3070 SOLID CORE 5-PANEL PAINT GRADE	D	PANT		ALUMINUM	7 AD2	8 AD2	CLEAR ANODIZED			
24	WOMEN ACCESSIBLE SHOWER TO WOMEN CHANGING ROOM		3070 SOLID CORE 5-PANEL PAINT GRADE	D	PANT		ALUMINUM	7 AD2	8 AD2	CLEAR ANODIZED			
25	WOMEN SHOWER TO WOMEN CHANGING ROOM		3070 SOLID CORE 5-PANEL PAINT GRADE	D	PANT		ALUMINUM	7 AD2	8 AD2	CLEAR ANODIZED			
26	EXTERIOR TO ELECTRICAL 119		3070 INSULATED METAL	D	PANT		HOLLOW METAL	1 AD2	2 AD2	PANT			
27	EXTERIOR TO ELECTRICAL 122		PAIR OF 3070 TEMPERED STOREFRONT	A	DARK BRONZE ANODIZED		INTEGRAL ALUMINUM STOREFRONT SYSTEM			DARK BRONZE ANODIZED	SYMBOL OF ACCESSIBILITY-1/AD1		TEMPERED INTEGRAL EXTERIOR STOREFRONT SYSTEM - SEE ELEVATIONS
28	OFFICE 1 123 TO RECEPTION 122		3070 SOLID CORE 5-PANEL PAINT GRADE	E	PANT		ALUMINUM w/ INTEGRAL SDELITE	7 AD2	8 AD2	CLEAR ANODIZED			
29	OFFICE 2 120 TO OPEN OFFICE 121		3070 SOLID CORE 5-PANEL PAINT GRADE	E	PANT		ALUMINUM w/ INTEGRAL SDELITE	7 AD2	8 AD2	CLEAR ANODIZED			
30	OPEN OFFICE 121 TO WAREHOUSE	60 MINUTE FIRE RATED DOOR & FRAME w/ LABELS	3070 INSULATED METAL	D	PANT		HOLLOW METAL	5 AD2	6 AD2	PANT			

DOOR TYPES / FRAMES



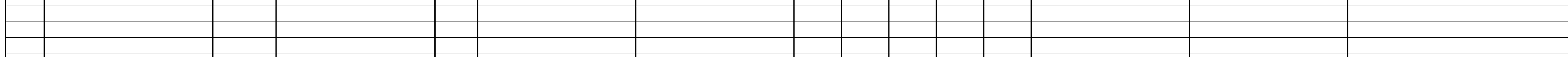
WINDOW SCHEDULE

WINDOW NO.	LOCATION	FIRE RATING	WINDOW SIZE/STYLE	WINDOW TYPE	WINDOW FRAMING	WINDOW GLAZING	GLAZING U-VALUE	GLAZING SHGC	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	INTERIOR FRAME FINISH	EXTERIOR FRAME FINISH	REMARKS
1	OFFICE 120 TO WAREHOUSE	1-HOUR	3'-0"x4'-0" FIXED CASSETT	A	HOLLOW METAL	PPG SOLARBAN 70 XL CLEAR	0.57	0.4	11 AD2	13 AD2	12 AD2	PANT		60 MINUTE FIRE RATED WINDOW & FRAME w/ LABELS
2	WAREHOUSE - CLERESTORY		8'-0"x10'-0" FIXED CASSETT	B	ALUMINUM	TEMPERED-PPG SOLARBAN 70 XL CLEAR			11 AD3		12 AD3	N/A		
3	OFFICE 120													
4	OFFICE 123													

WINDOW NOTES

- ALL EXTERIOR WINDOWS SHALL BE "VITRO" SOLARBAN WINDOWS - STYLE TO BE SELECTED
- ALL GLASS SHALL BE "PPG SOLARBAN 70 XL CLEAR", CLEAR - SHGC SHALL BE 0.4 OR BETTER AND U-VALUE SHALL BE 0.57 OR BETTER - REFER TO ENERGY CALCS.
- PROVIDE ALL HARDWARE FOR COMPLETE INSTALLATION.
- INSTALLATION SHALL BE PER APPLICABLE CODES AND INDUSTRY STANDARDS.

WINDOW TYPES



DOOR NOTES

- EACH DOOR SUB-CONTRACTOR (ALUMINUM STOREFRONT/WOOD/AM) SHALL BE RESPONSIBLE TO ADJUST ALL INTERIOR DOORS SO THAT THE DOORS REQUIRED OPENING FORCE IS 5 LBS OR LESS.
 - DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM 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 - PER 2022 CBC 1B-404.2.8.1
 - DOOR AND GATE SPRING HINGE SHALL BE ADJUSTED SO THAT THE OPEN POSITION OF 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 15 SECONDS MINIMUM - PER 2022 CBC 1B-404.2.8.2
- PROVIDE ALL ACCESSORIES FOR A COMPLETE INSTALLATION
- ALL BUTTS SHALL BE "STANLEY" HARDWARE CO. OR EQUAL.
 - INSTALL SPRING HINGE ON DOORS TO MEN, WOMEN AND EXTERIOR HOLLOW METAL DOOR AT CORRIDOR.
 - INSTALL WALL MOUNTED DOOR STOPS AT ALL INTERIOR DOORS - MOUNT AT DOOR HANDLE HEIGHT.
 - INSTALL METAL THRESHOLDS AND WEATHERSTRIPPING ON ALL EXTERIOR DOORS.
 - ALL DOOR, SDELITE & WINDOW FRAMES SHALL BE BY "ALPHA ALUMINUM" OR EQUAL w/ CLEAR ANODIZED ALUMINUM FINISH - UNQ.
 - ALL DOOR HARDWARE SHALL HAVE SATIN CHROME/BRUSHED ALUMINUM FINISH - UNQ.
 - EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
 - IN BUILDINGS AN OCCUPANCY GROUP A HAVING AN OCCUPANT LOAD OF 300 OR LESS, GROUPS B, F, M AND S, AND IN PLACES OF RELIGIOUS WORSHIP, THE MAIN DOOR OR DOORS ARE PERMITTED TO BE EQUIPPED WITH KEY-OPERATED LOCKING DEVICES FROM THE EXTERIOR SIDE PROVIDED:
 - THE LOCKING DEVICE IS READILY DISTINGUISHABLE AS LOCKED.
 - A READILY VISIBLE DURABLE SIGN IS POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING:

"THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED."

 THE SIGN SHALL BE IN LETTERS 1 INCH HIGH ON A CONTRASTING BACKGROUND.
 - THE FORCES TO UNLATCH DOORS SHALL COMPLY WITH THE FOLLOWING:
 - WHERE DOOR HARDWARE OPERATES BY PUSH OR PULL, THE OPERATIONAL FORCE TO UNLATCH THE DOOR SHALL NOT EXCEED 35 POUNDS (160 N)
 - WHERE DOOR HARDWARE OPERATES BY ROTATION, THE OPERATIONAL FORCE TO UNLATCH THE DOOR SHALL NOT EXCEED 28 INCH POUNDS (315 N-CM)
 - THE FORCE TO OPEN DOORS SHALL COMPLY WITH THE FOLLOWING:
 - FOR INTERIOR SWINGING EGRESS DOORS THAT ARE MANUALLY OPERATED OTHER THAN DOORS REQUIRED TO BE FIRE RATED, THE FORCE FOR PUSHING OR PULLING OPEN THE DOOR SHALL NOT EXCEED 5 POUNDS (22 N)
 - FOR OTHER SWINGING DOORS, SLIDING DOORS OR FOLDING DOORS, AND DOORS REQUIRED TO BE FIRE RATED, THE DOOR SHALL SECURE NOT MORE THAN A 30-POUND (133 N) FORCE TO BE SET IN MOTION AND SHALL MOVE TO A FULL OPEN POSITION WHEN SUBJECTED TO NOT MORE THAN A 5-POUND FORCE.
 - ALL INTERIOR SWINGING DOORS TO BE PROVIDED WITH LEVERED HANDLES.
 - MAIN ENTRANCE DOORS SHALL BE DESIGNATED WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY - REFER TO DETAIL 1/AD1 FOR ADDITIONAL INFORMATION
 - SEE DETAIL 9/AD1 FOR TOILET ROOM SIGNAGE
 - THERE SHALL BE A FLOOR OR LANDING ON EACH SIDE OF A DOOR. THE FLOOR OR LANDING SHALL BE AT THE SAME ELEVATION ON EACH SIDE OF THE DOOR. LANDINGS SHALL BE LEVELLED EXCEPT FOR EXTERIOR LANDINGS WHICH ARE PERMITTED TO HAVE A SLOPE NOT TO EXCEED 2% SLOPE.
 - THE FLOOR OR LANDING SHALL NOT BE MORE THAN 1/2" LOWER THAN THE THRESHOLD OF ANY DOORWAY. CHANGES IN LEVEL BETWEEN 1/4" MIN HIGH AND 1/2" MAX HIGH SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 5:1.
 - DOOR AND GATES HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34" MIN AND 44" MAX ABOVE FINISHED FLOOR.
 - VERIFY LOCK SETS & KEYING WITH TENANT

A NEW BUILDING FOR:



KERN COUNTY
 SPECIAL WASTE
 FACILITY

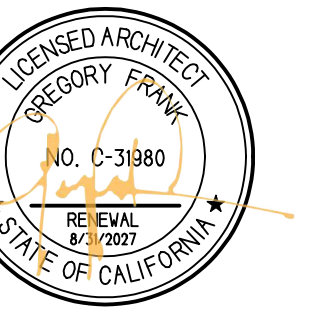
SEC OF DOWNING AVE
 & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
12-5-2024	BUILDING DEPARTMENT SUBMITTAL
5-27-2025	BUILDING DEPARTMENT SUBMITTAL
9-16-2025	BUILDING DEPARTMENT SUBMITTAL

REVISION	DESCRIPTION
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JOB 7005	
DP AC/AV	
PM GJF	
	A214

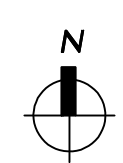
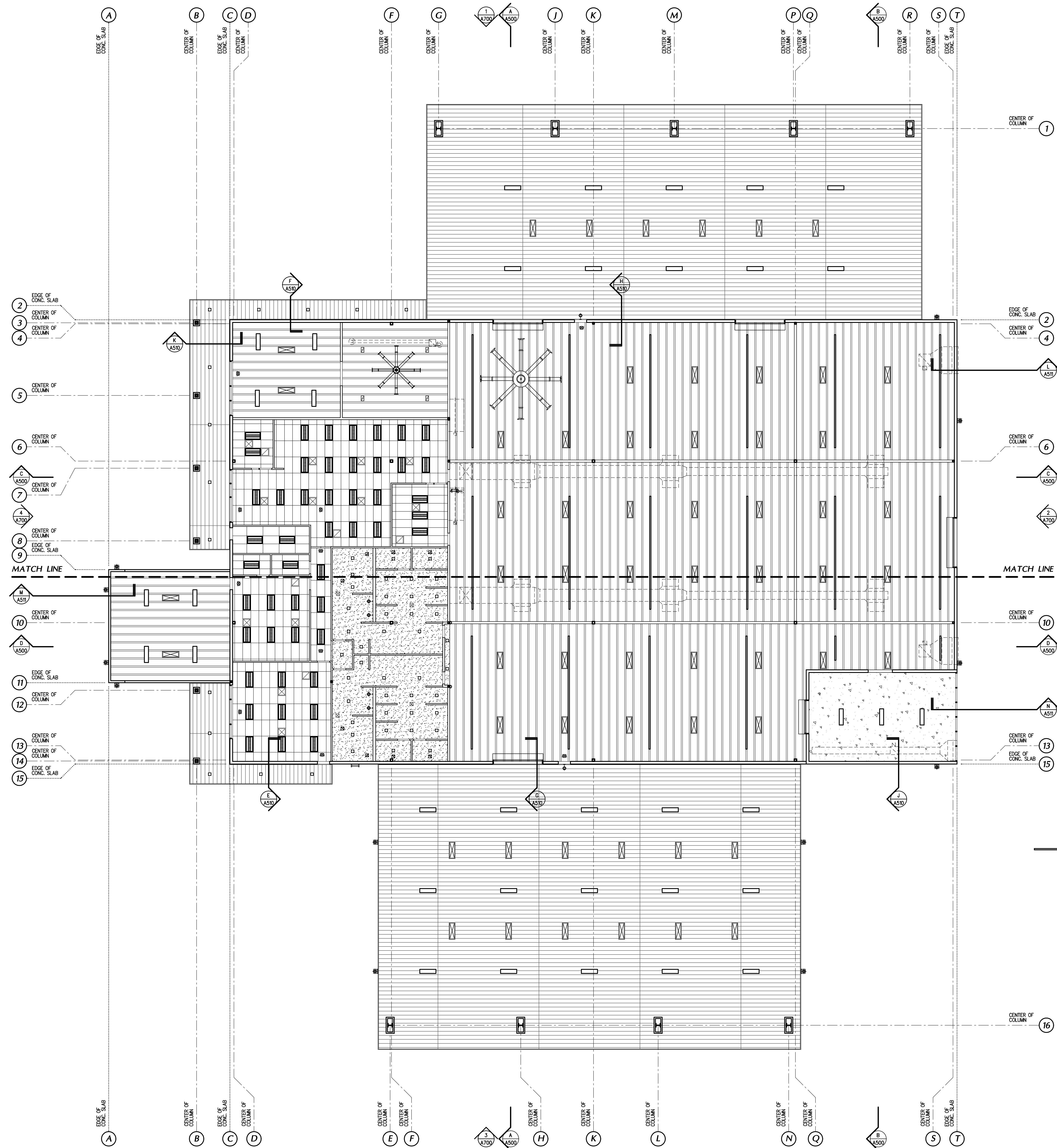
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REFLECTED CEILING PLAN

3/32"

A NEW BUILDING FOR:



KERN COUNTY
 SPECIAL WASTE
 FACILITY

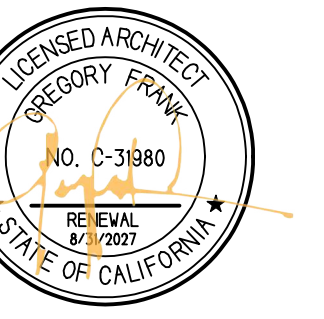
SEC OF DOWNING AVE
 & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
12-5-2024	BUILDING DEPARTMENT SUBMITTAL
5-27-2025	BUILDING DEPARTMENT SUBMITTAL
9-16-2025	BUILDING DEPARTMENT SUBMITTAL

REVISION	DESCRIPTION
1	5-27-25 BUILDING DEPARTMENT COMPLIANCE
2	9-16-25 BUILDING DEPARTMENT COMPLIANCE

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DP AC/JV	
PM GJF	

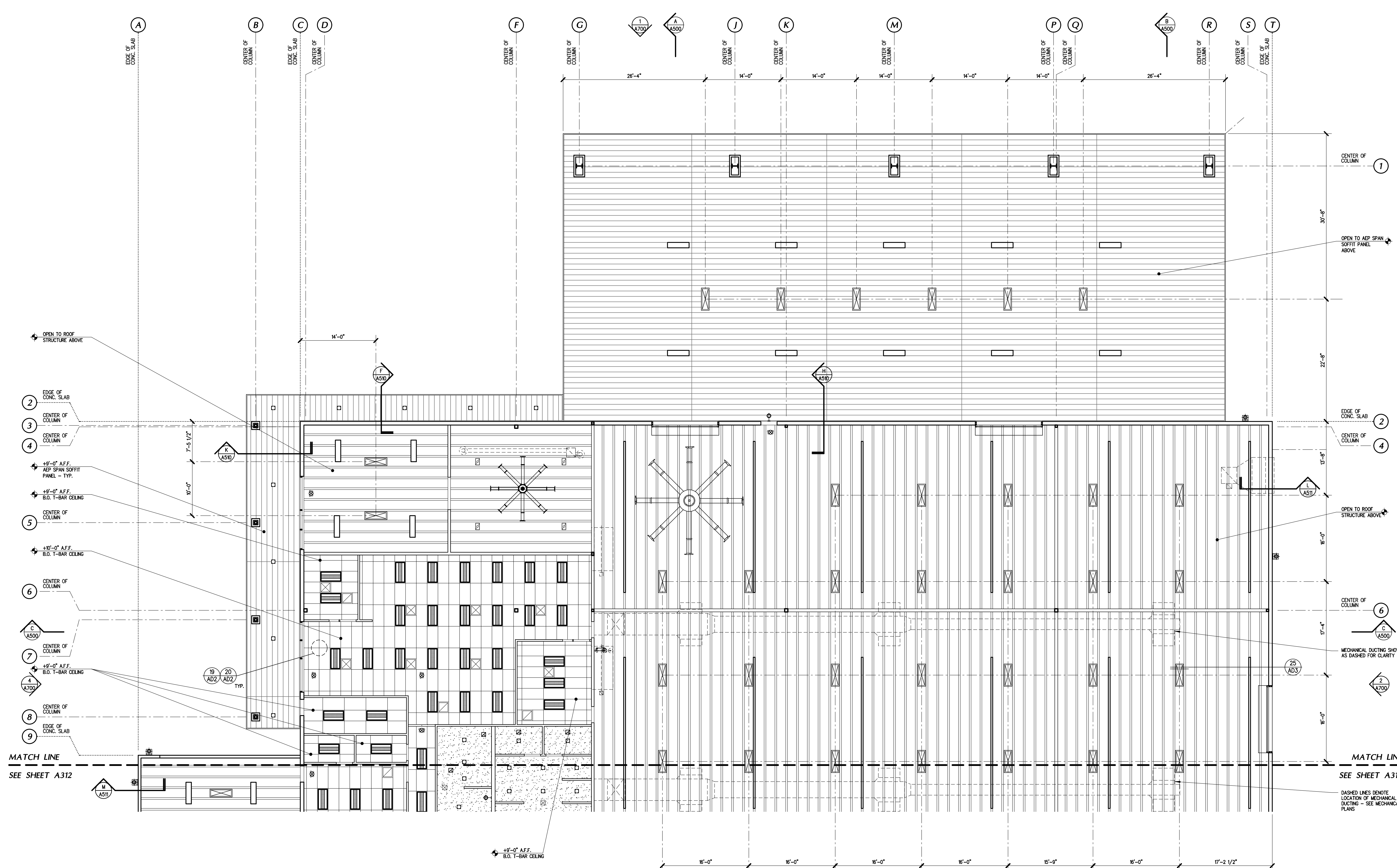
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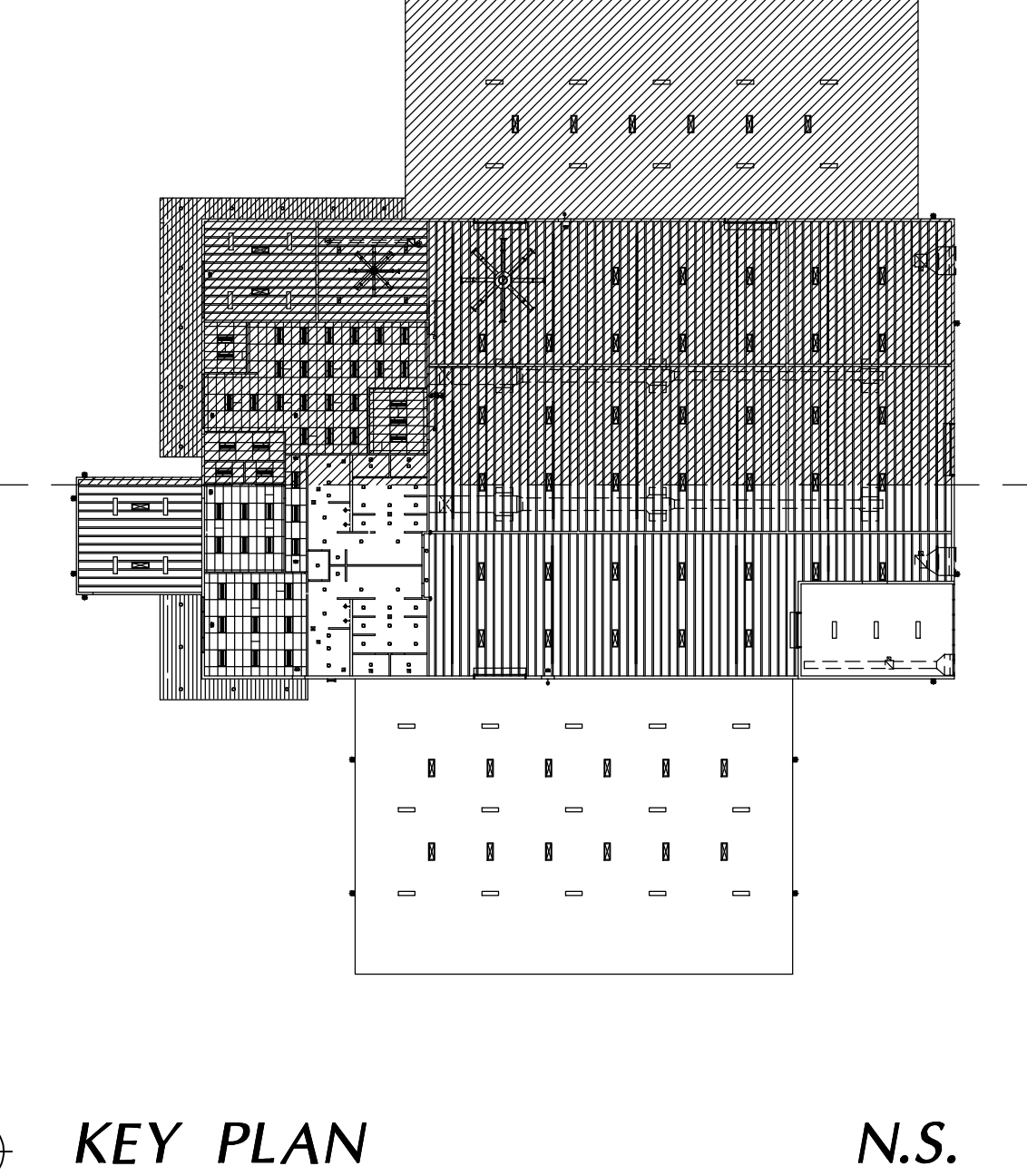
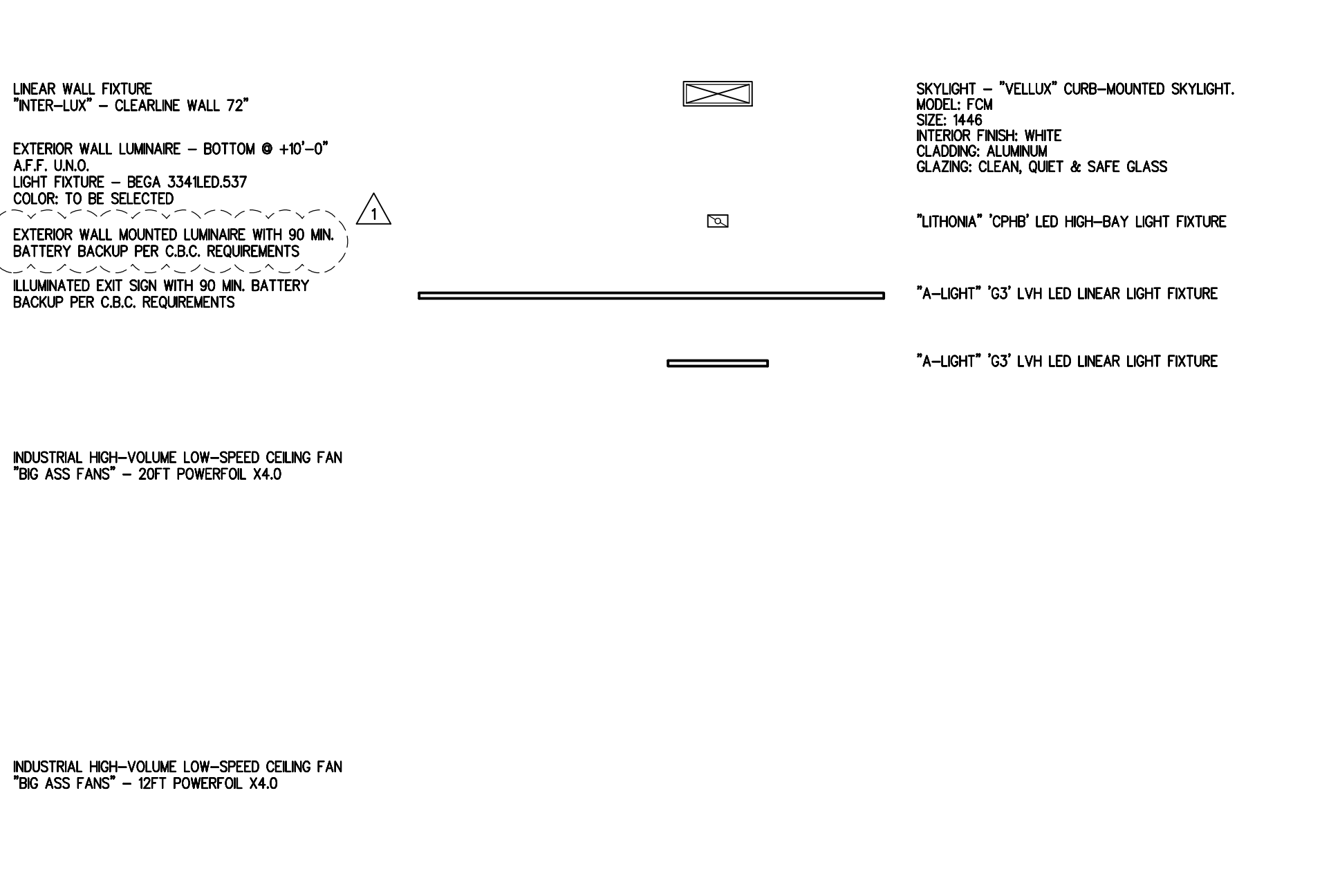
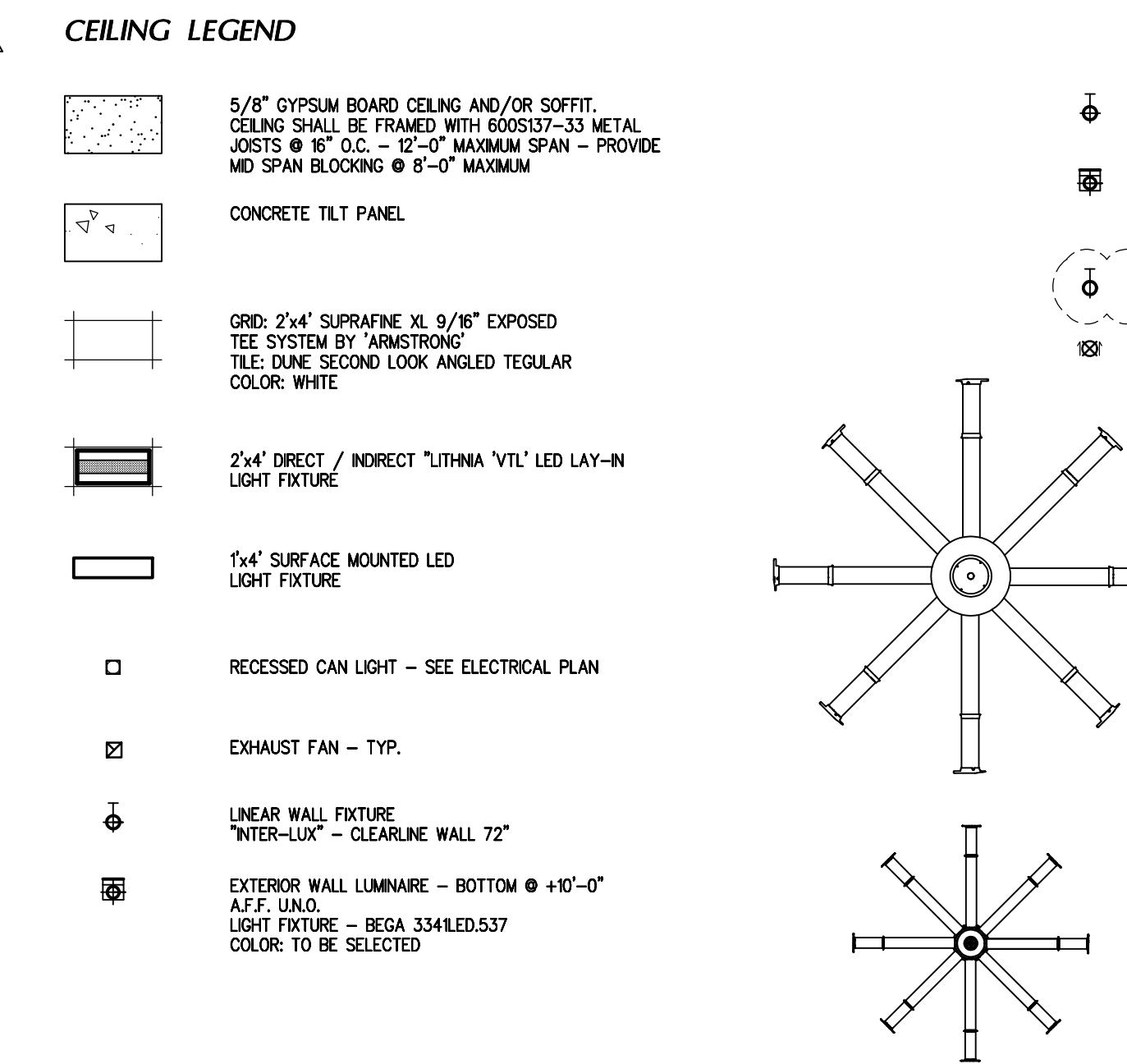
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 Dennis McNamara



ENLARGED REFLECTED CEILING PLAN - NORTH
 1/8"

- CEILING PLAN NOTES**
- LOCATION OF ALL FIRE SPRINKLERS IS SUBJECT TO APPROVAL BY THE FIRE MARSHAL.
 - CONTRACTOR IS RESPONSIBLE FOR FIRE SPRINKLER AND FIRE ALARM FINAL DESIGN-BUILD DRAWINGS FOR BUILDING DEPARTMENT REVIEW AND APPROVAL.
 - PROVIDE ALL NECESSARY HARDWARE FOR A COMPLETE INSTALLATION.
 - SUSPENDED CEILING MUST CONFORM TO ASCE 7-16 SECTION 13.5.6 AND MORE SPECIFICALLY SECTION 13.5.6.2.2, ASTM C835, ASTM C836, AND ASTM C830, SECTION 5 - SEMI-RIGID DESIGN CATEGORIES D, E, AND F AS MODIFIED BY ASCE 7-16.
 - THE WIDTH OF THE T-BAR PERIMETER SUPPORTING CLOSURE ANGLE OR CHANNEL SHALL NOT BE LESS THAN 20 INCHES UNLESS QUALIFIED PERIMETER SUPPORTING CLIPS ARE USED. CLOSURE ANGLES OR CHANNELS SHALL BE SCREWED OR OTHERWISE POSITIVELY ATTACHED TO WALL STUDS OR OTHER SUPPORTING STRUCTURES. PERIMETER SUPPORTING CLIPS SHALL BE QUALIFIED IN ACCORDANCE WITH APPROVED TEST CRITERIA PER SECTION 13.2.5 OF ASCE 7-16.
 - T-BAR PERIMETER SUPPORTING CLIPS SHALL BE ATTACHED TO THE SUPPORTING CLOSURE ANGLE OR CHANNEL WITH A MINIMUM OF TWO SCREWS PER CLIP AND SHALL BE INSTALLED AROUND THE ENTIRE CEILING PERIMETER. IN EACH ORTHOGONAL HORIZONTAL DIRECTION, ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE, CHANNEL, OR PERIMETER SUPPORTING CLIP. THE OTHER END OF THE CEILING GRID IN EACH HORIZONTAL DIRECTION SHALL HAVE A MINIMUM 0.75 INCH CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE, CHANNEL, OR PERIMETER SUPPORTING CLIP.
 - PROVIDE T-BAR CEILING SEMI-SEPARATION JOINTS ON CEILING AREAS THAT EXCEED 2500SF PER ASCE 7-16 SECTION 13.5.6.2.2a.
 - ONLY HEAVY-DUTY MAIN TEES DEFINED IN ASTM C835 SHALL BE USED.
 - THE MAIN T-BAR GRID RUNNER AND/OR CROSS RUNNER ENDS SHALL BE ATTACHED TO THE PERIMETER ON TWO ADJACENT WALLS A CLEARANCE OF 3/4 INCH SHALL BE MAINTAINED BETWEEN THE MAIN RUNNER AND CROSS RUNNER ENDS AND THE PERIMETER MEMBERS ON THE TWO OPPOSITE WALLS.
 - WHERE THE T-BAR GRID TERMINAL END RUNNERS ARE NOT FIXED TO THE PERIMETER SUPPORTING CLOSURE, ALLOW FOR 3/4 INCH AXIAL MOVEMENT.
 - T-BAR GRID TERMINAL ENDS OF MAIN RUNNERS AND CROSS RUNNERS NOT ATTACHED TO THE PERIMETER CLOSURE ANGLE OR CHANNEL, SHALL BE PREVENTED FROM SPREADING.

- CEILING PLAN NOTES (CONT.)**
- LATERAL FORCE BRACING WIRES AND MEMBERS SHALL BE LOCATED 6" MIN. FROM ALL UNRESTRAINED PIPING AND DUCTWORK. BRACING WIRES SHALL BE ATTACHED TO THE GRID AND STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A LOAD OF NOT LESS THAN 250 POUNDS.
 - SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FOR FREE MOVEMENT OF A MIN. OF 1" IN ALL DIRECTIONS.
 - CHANGES IN T-BAR CEILING PLANE ELEVATION SHALL HAVE INDEPENDENT POSITIVE BRACING.
 - CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED AND BRACED INDEPENDENTLY OF THE T-BAR CEILING.
 - CEILING AREAS EXCEEDING 2500SF SHALL HAVE A SEMI-SEPARATION JOINT, BULKHEAD BRACED TO THE STRUCTURE, OR FULL HEIGHT PARTITION THAT BREAKS THE CEILING INTO AREAS OF NO MORE THAN 2500SF AND HAVING A MAXIMUM 4:1 ASPECT RATIO. EACH AREA SHALL BE CAPABLE OF ALLOWING +/- 3/4" AXIAL MOVEMENT.
 - FLEXIBLE SPRINKLER HOSE FITTINGS OR OTHER SERVICES WEIGHING LESS THAN 20 POUNDS SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS OR TO CROSS RUNNERS THAT HAVE THE SAME CARRYING CAPACITY AS THE MAIN RUNNERS.
 - FLEXIBLE SPRINKLER HOSE FITTINGS OR OTHER SERVICES WEIGHING MORE THAN 20 POUNDS BUT LESS THAN 96 POUNDS SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS OR TO CROSS RUNNERS THAT HAVE THE SAME CARRYING CAPACITY AS THE MAIN RUNNERS AND SHALL HAVE TWO NO. 12-GAUGE HANGER WIRES CONNECTED FROM THE TERMINAL OR SERVICE TO THE CEILING SYSTEM HANGERS OR TO THE STRUCTURE ABOVE. WIRES NEED NOT BE TAUT.
 - FLEXIBLE SPRINKLER HOSE FITTINGS OR OTHER SERVICES WEIGHING MORE THAN 96 POUNDS SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGERS.
 - ROD CONDUIT SHALL NOT BE USED FOR ATTACHMENT OF THE FIXTURES.



A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

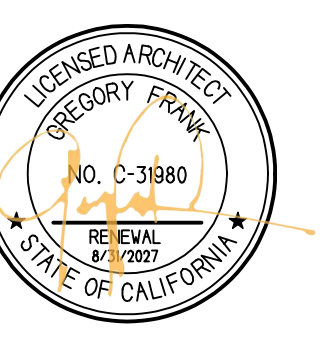
SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
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5-27-2025	BUILDING DEPARTMENT CEILING TILE
9-16-2025	BUILDING DEPARTMENT SUBMITTAL

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE

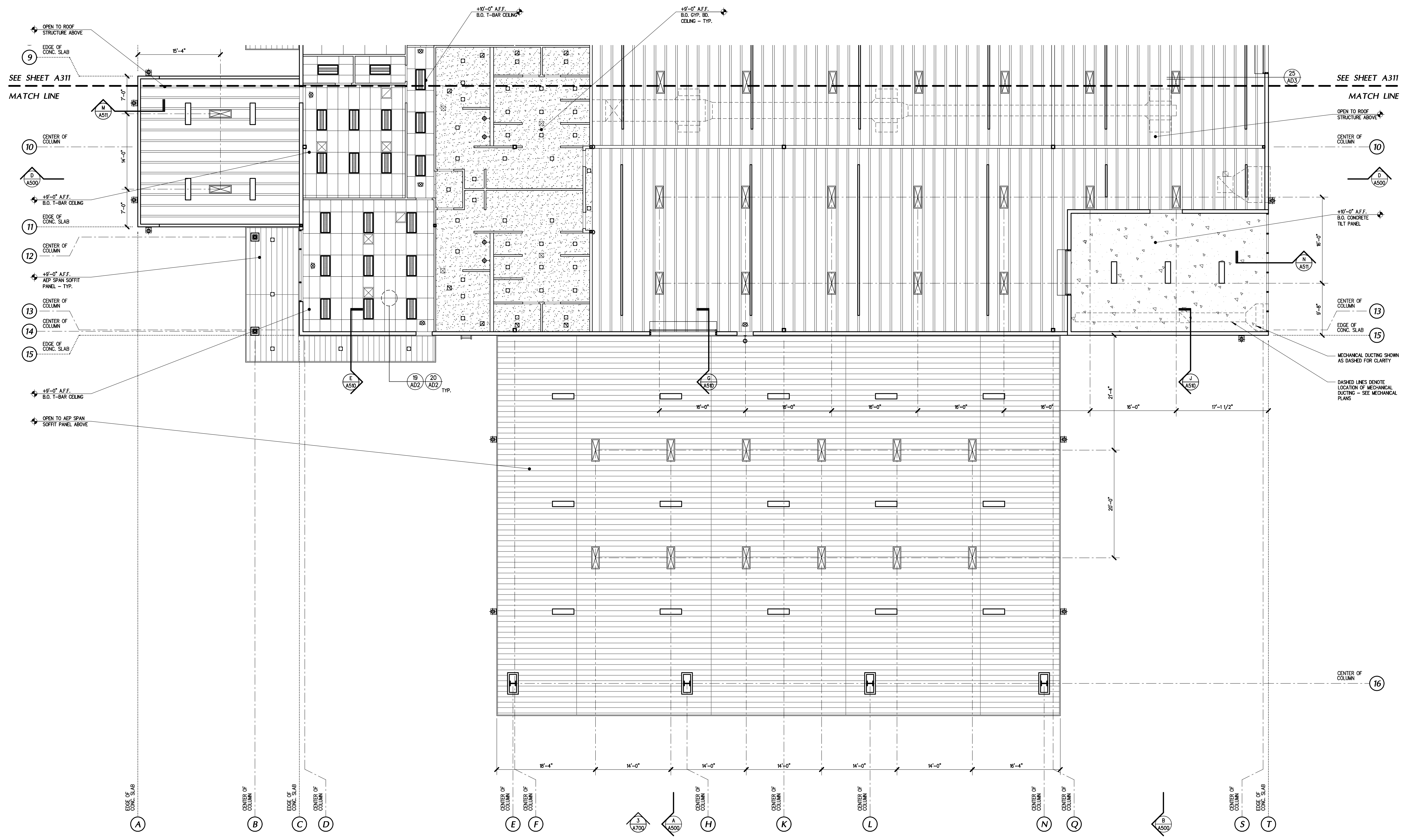
JOB	7005	A311
DP	AC/AV	
FM	CLF	

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 Dennis McNamara



ENLARGED REFLECTED CEILING PLAN - SOUTH

1/8"

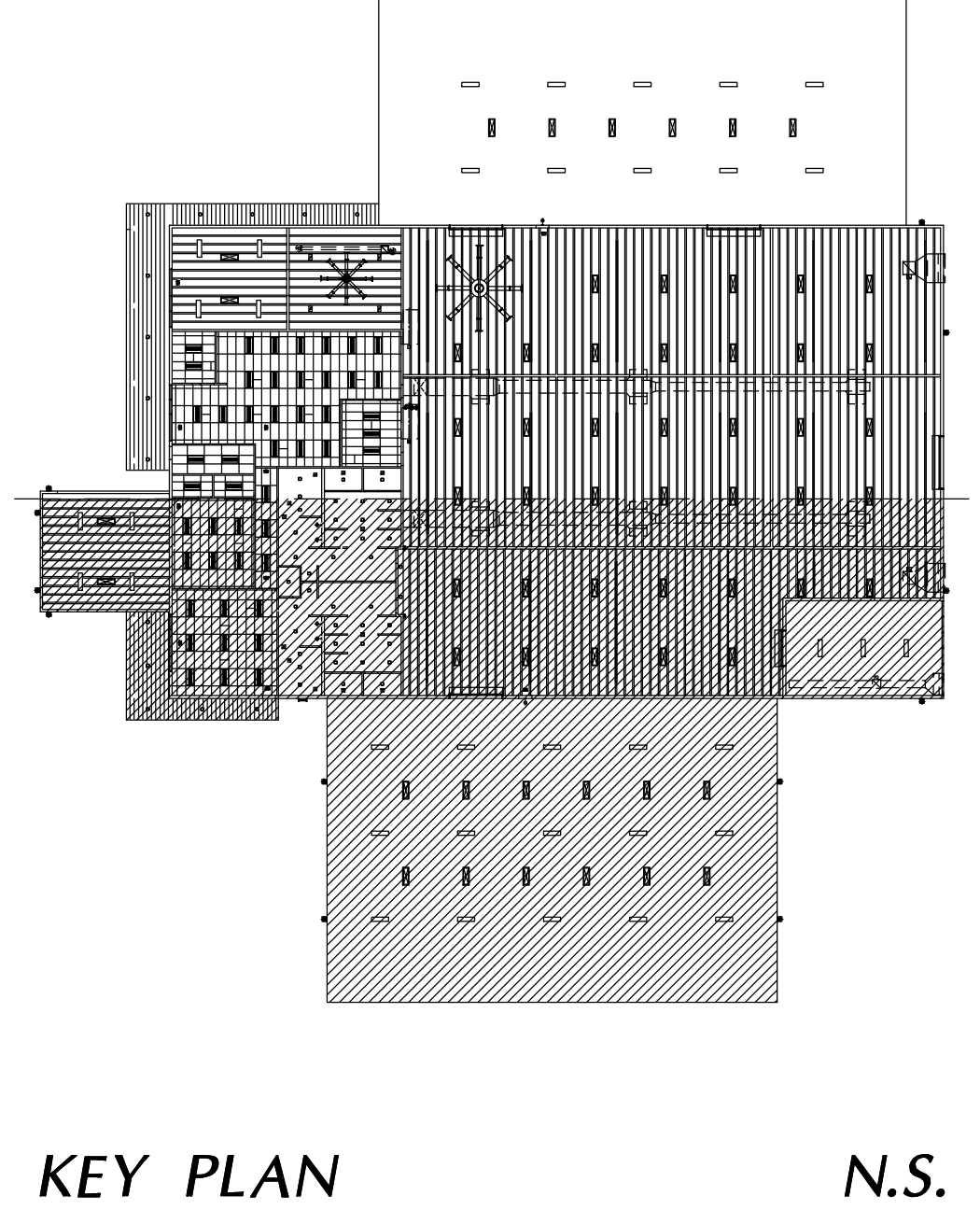
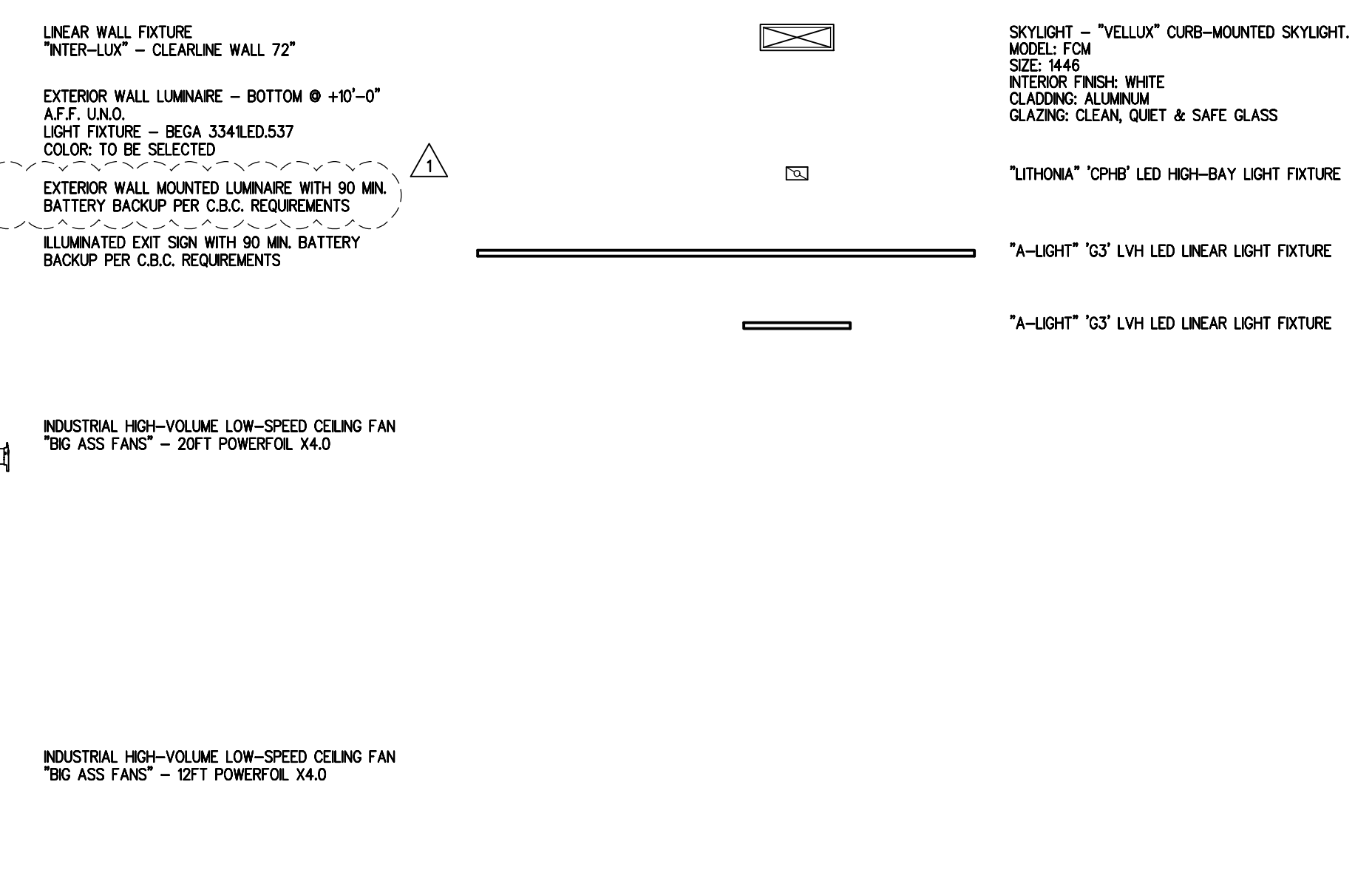
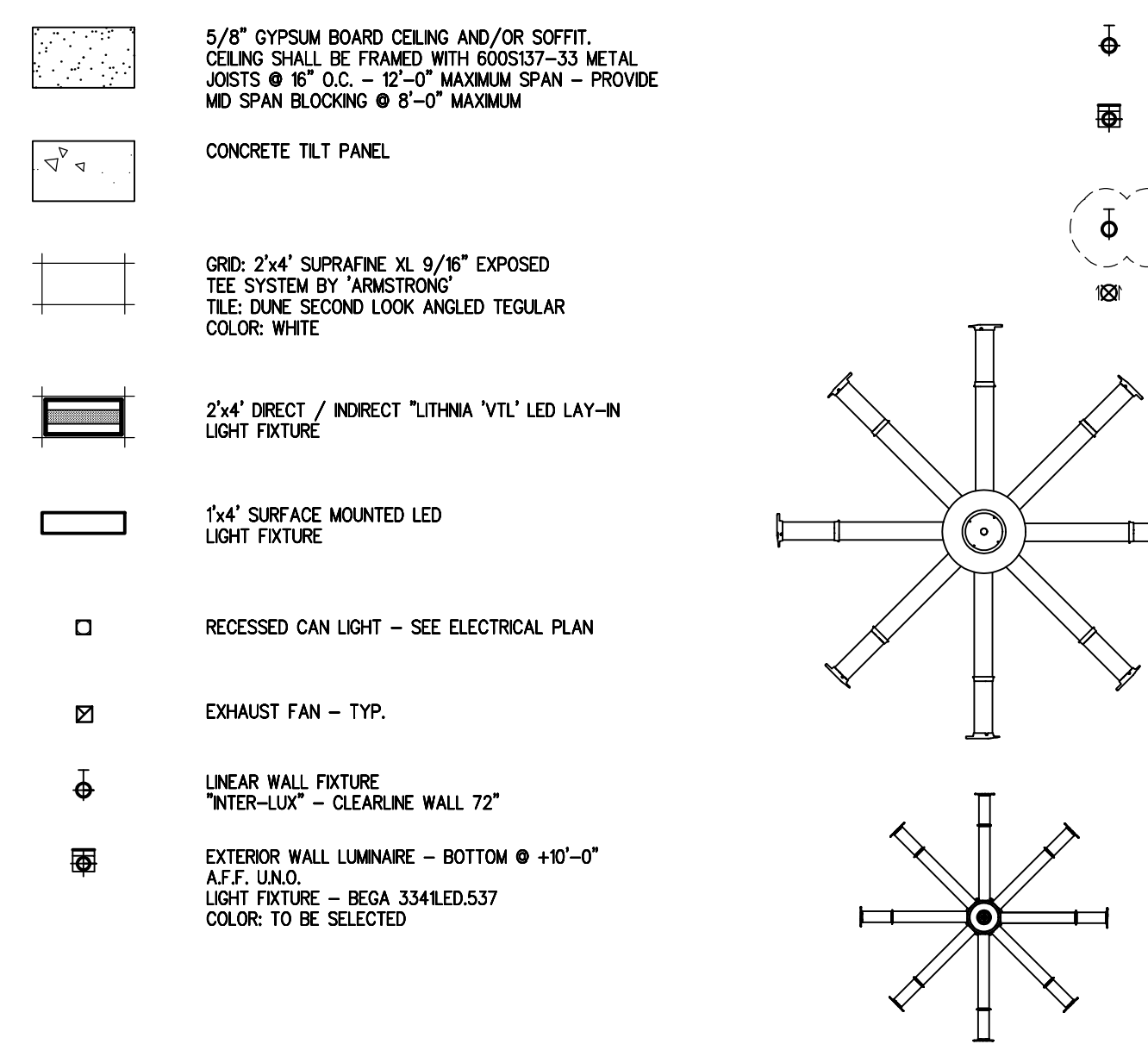
CEILING PLAN NOTES

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- SUSPENDED CEILING MUST CONFORM TO ASCE 7-16 SECTION 13.5.6 AND MORE SPECIFICALLY SECTION 13.5.6.2.2, ASTM C635, ASTM C636, AND ASTM F590, SECTION 5 - SEMI-CRACK RESISTANCE CATEGORIES D, E, AND F AS MODIFIED BY ASCE 7-16.
- THE WIDTH OF THE T-BAR PERIMETER SUPPORTING CLOSURE ANGLE OR CHANNEL SHALL NOT BE LESS THAN 20 INCHES UNLESS QUALIFIED PERIMETER SUPPORTING CLIPS ARE USED. CLOSURE ANGLES OR CHANNELS SHALL BE SCREWED OR OTHERWISE POSITIVELY ATTACHED TO WALL STUDS OR OTHER SUPPORTING STRUCTURES. PERIMETER SUPPORTING CLIPS SHALL BE QUALIFIED IN ACCORDANCE WITH APPROVED TEST CRITERIA PER SECTION 13.2.5 OF ASCE 7-16.
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- PROVIDE T-BAR CEILING SEMI-CRACK RESISTANCE JOINTS ON CEILING AREAS THAT EXCEED 2500SF PER ASCE 7-16 SECTION 13.5.6.2.2a.
- ONLY HEAVY-DUTY MAIN TEES DEFINED IN ASTM C635 SHALL BE USED.
- THE MAIN T-BAR GRID RUNNER AND/OR CROSS RUNNER ENDS SHALL BE ATTACHED TO THE PERIMETER ON TWO ADJACENT WALLS A CLEARANCE OF 3/4 INCH SHALL BE MAINTAINED BETWEEN THE MAIN RUNNER AND CROSS RUNNER ENDS AND THE PERIMETER MEMBERS ON THE TWO OPPOSITE WALLS.
- WHERE THE T-BAR GRID TERMINAL END RUNNERS ARE NOT FIXED TO THE PERIMETER SUPPORTING CLOSURE, ALLOW FOR 3/4 INCH AXIAL MOVEMENT.
- T-BAR GRID TERMINAL ENDS OF MAIN RUNNERS AND CROSS RUNNERS NOT ATTACHED TO THE PERIMETER CLOSURE ANGLE OR CHANNEL, SHALL BE PREVENTED FROM SPREADING.

CEILING PLAN NOTES (CONT.)

- LATERAL FORCE BRACING WIRES AND MEMBERS SHALL BE LOCATED 6" MIN. FROM ALL UNRESTRAINED PIPING AND DUCTWORK. BRACING WIRES SHALL BE ATTACHED TO THE GRID AND STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A LOAD OF NOT LESS THAN 250 POUNDS.
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- FLEXIBLE SPRINKLER HOSE FITTINGS OR OTHER SERVICES WEIGHING MORE THAN 20 POUNDS BUT LESS THAN 50 POUNDS SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS OR TO CROSS RUNNERS THAT HAVE THE SAME CARRYING CAPACITY AS THE MAIN RUNNERS AND SHALL HAVE TWO NO. 12-GAUGE HANGER WIRES CONNECTED FROM THE TERMINAL OR SERVICE TO THE CEILING SYSTEM HANGERS OR TO THE STRUCTURE ABOVE. WIRES NEED NOT BE TAUT.
- FLEXIBLE SPRINKLER HOSE FITTINGS OR OTHER SERVICES WEIGHING MORE THAN 50 POUNDS SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGERS.
- ROD CONDUIT SHALL NOT BE USED FOR ATTACHMENT OF THE FIXTURES.

CEILING LEGEND



A NEW BUILDING FOR:



KERN COUNTY
SPECIAL WASTE
FACILITY

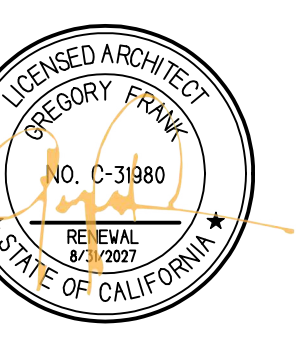
SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
12-5-2024	BUILDING DEPARTMENT SUBMITTAL
5-27-2025	BUILDING DEPARTMENT COMPLIANCE
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REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE

JOB	7005	A312
DP	AC/JV	
PM	GF	

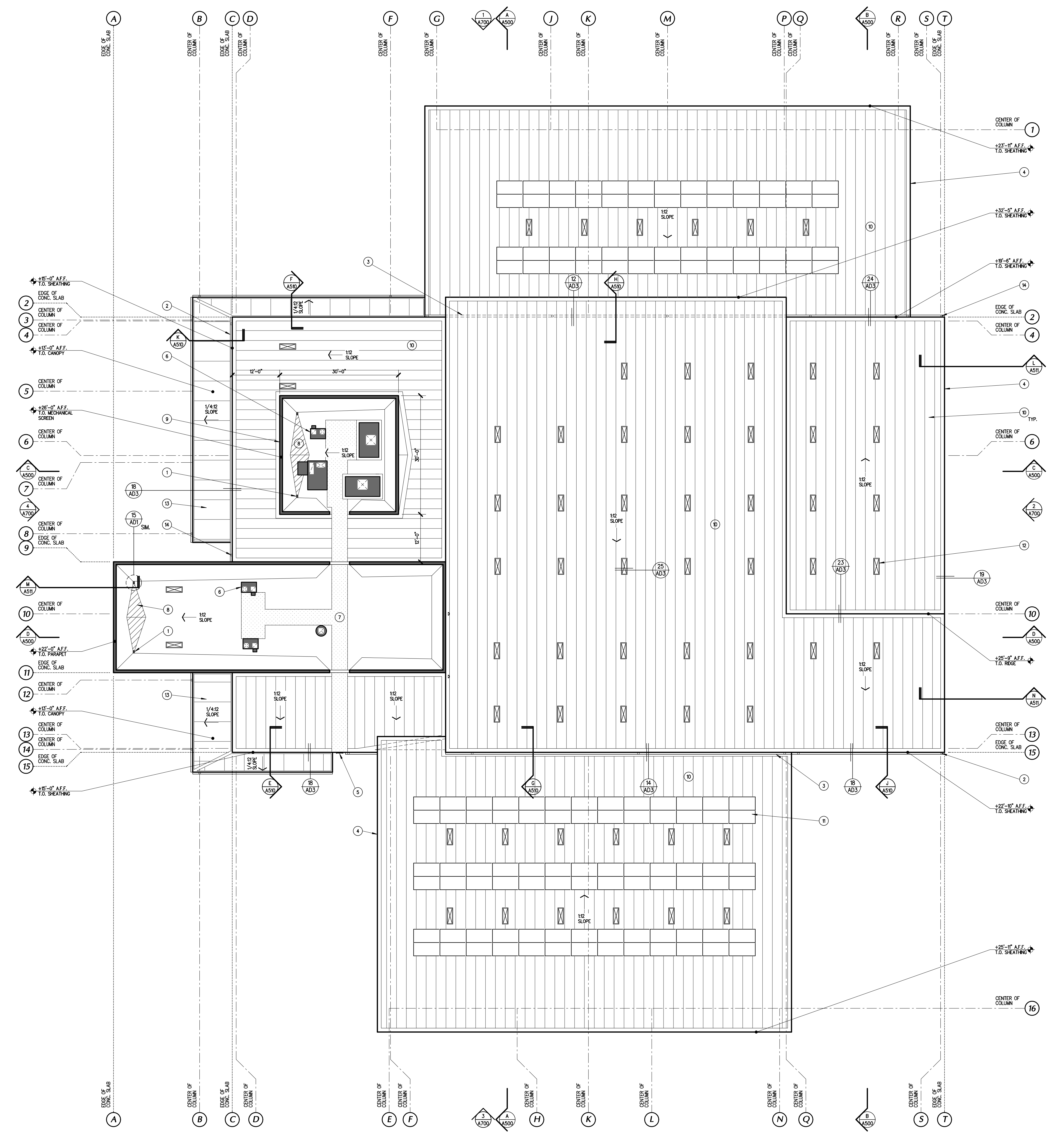
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Mackenzie Flowers

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Dennis McNamara

- KEY NOTES**
- APPROXIMATE LOCATION OF ROOF DRAIN AND OVERFLOW DRAIN - COORDINATE LOCATION AND SIZING - SEE PLUMBING AND CIVIL PLANS. THE ROOF DRAIN TO STORM DRAIN - REFER TO EXTERIOR ELEVATIONS FOR OVERFLOW DOWNSPOUT.
 - EXTERIOR RAIN GUTTER
 - INTERNAL GUTTER - SEE DETAIL 12/AD3 & 14/AD3
 - EDGE OF ROOF CONSTRUCTION
 - ROOF ACCESS LADDER
 - DUAL PACK MECHANICAL UNITS ON RAISED CURB
 - SHADED AREA DENOTES LOCATION OF 48" WIDE (MIN) WALK PADS BY ROOFING MANUFACTURER - COLOR: GRAY
 - HATCHED AREA DENOTES BUILT UP FOAM INSULATION CRACKET - SLOPE TO BE 1/8:12
 - 2x WOOD FRAMED MECHANICAL SCREEN - SEE STRUCTURE - SEE EXTERIOR ELEVATIONS
 - WINGSPIR® "HONEYCOMB" ROOF PANEL SYSTEMS - INSTALL PER MANUFACTURE INSTRUCTIONS. TESTING: FM 4880 ASTM E84 ULC-S108
 - LOCATION OF PHOTOVOLTAIC PANELS
 - SKYLIGHT - "VELUX" CURB-MOUNTED SKYLIGHT. MODEL: F04. INTERIOR FINISH: WHITE. GLAZING: CLEAR, QUIET & SAFE GLASS.
 - "AEP SPAN" "DESIGN SPAN" METAL PANELS - INSTALL PER MANUFACTURE INSTRUCTIONS. TESTING: UL 580 ASTM E-880-95 ASTM E-848-95
 - DOWNSPOUT LOCATION



ROOF PLAN

A NEW BUILDING FOR:



**KERN COUNTY
SPECIAL WASTE
FACILITY**

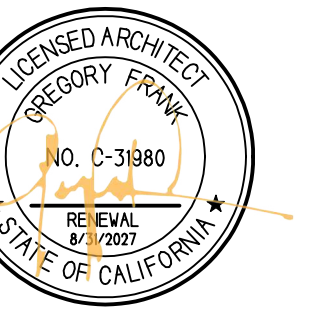
SEC OF DOWNING AVE
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DP	AC/JV	
FM	GF	

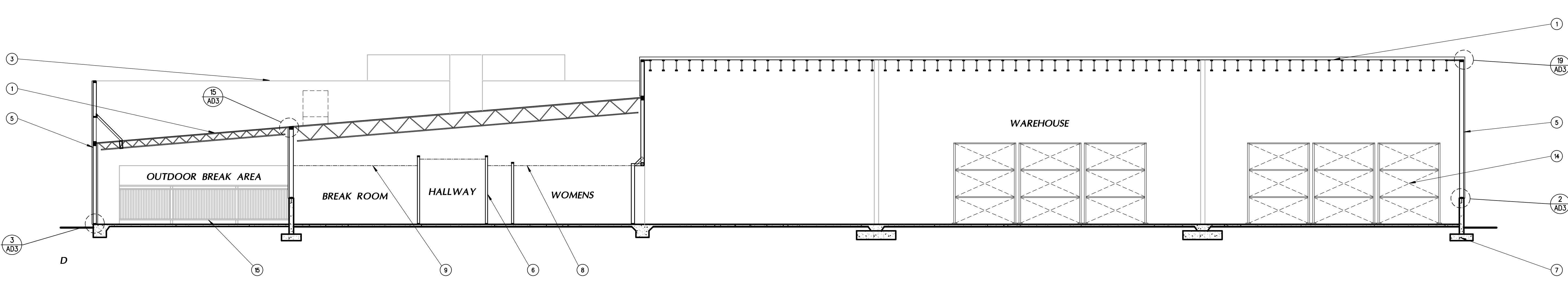
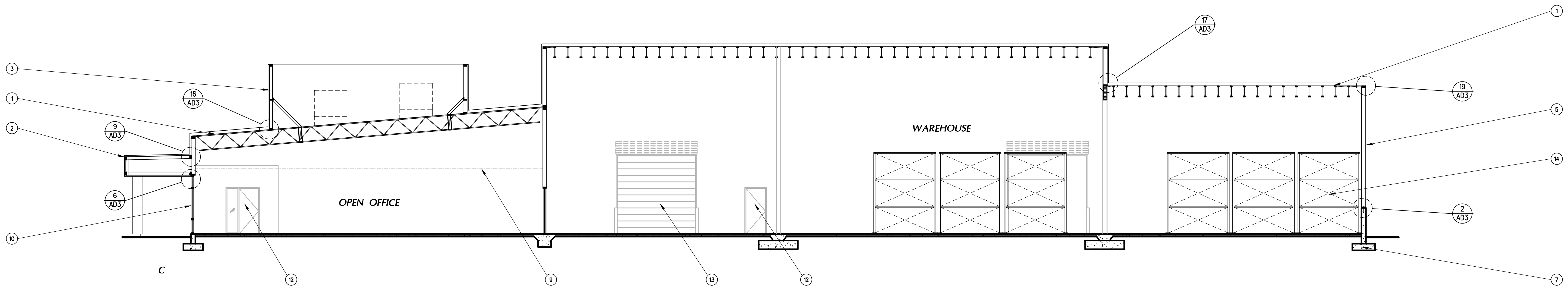
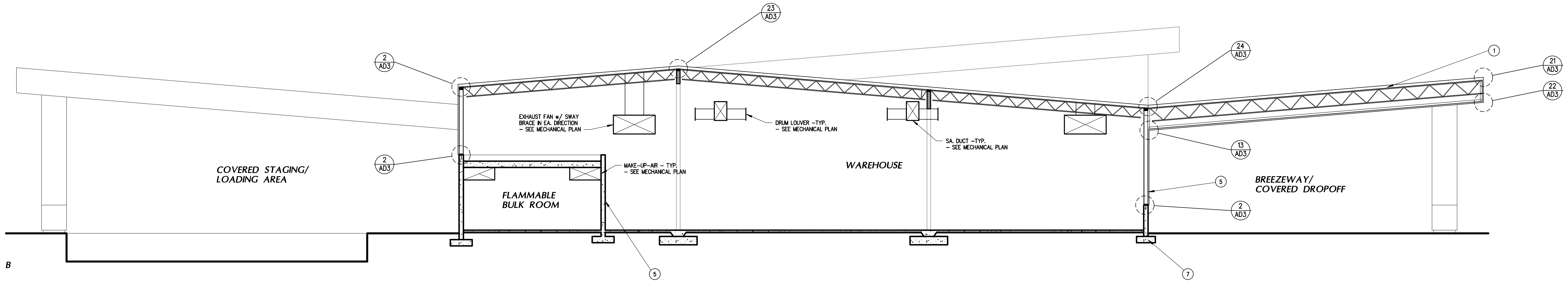
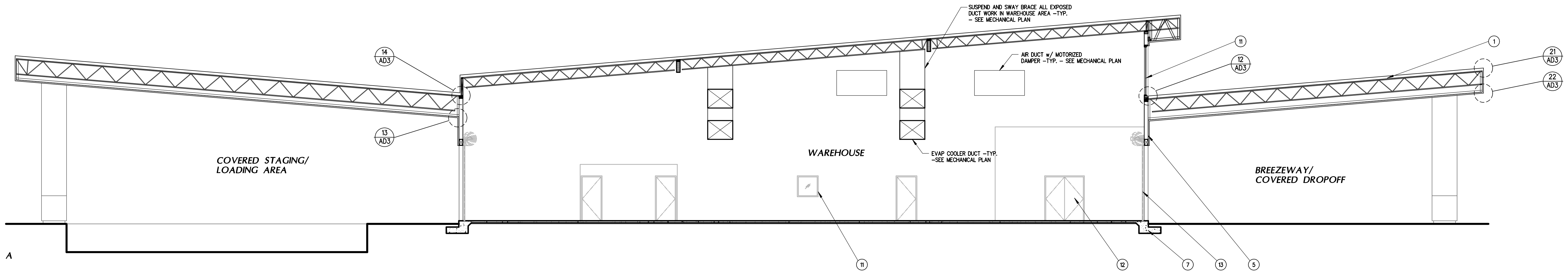
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SECTIONS 1/8"

- KEYNOTES**
- 1 ROOF STRUCTURE
 - 2 ROOF CANOPY
 - 3 PARAPET WALL
 - 4 DUAL PACK MECHANICAL UNITS ON RAISED CURB
 - 5 BUILDING STRUCTURE
 - 6 WALL FRAMING
 - 7 CONCRETE FOUNDATION
 - 8 SOFFIT FRAMING w/ GYP. BD. FINSH
 - 9 T-BAR SUSPENDED CEILING SYSTEM
 - 10 ALUMINUM STOREFRONT SYSTEM
 - 11 WINDOW IN ALUMINUM FRAME
 - 12 DOOR & SIDELIGHT (WHERE SHOWN) - SEE PLAN
 - 13 ROLL-UP DOOR
 - 14 PALLET RACK BY OTHERS
 - 15 6'-0" HIGH WROUGHT IRON FENCE

A NEW BUILDING FOR:



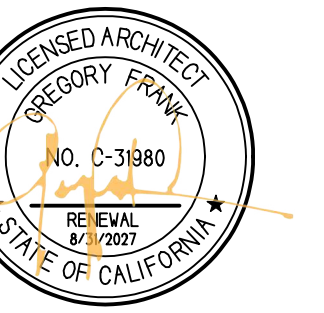
KERN COUNTY SPECIAL WASTE FACILITY

SEC OF DOWNING AVE & WEAR ST
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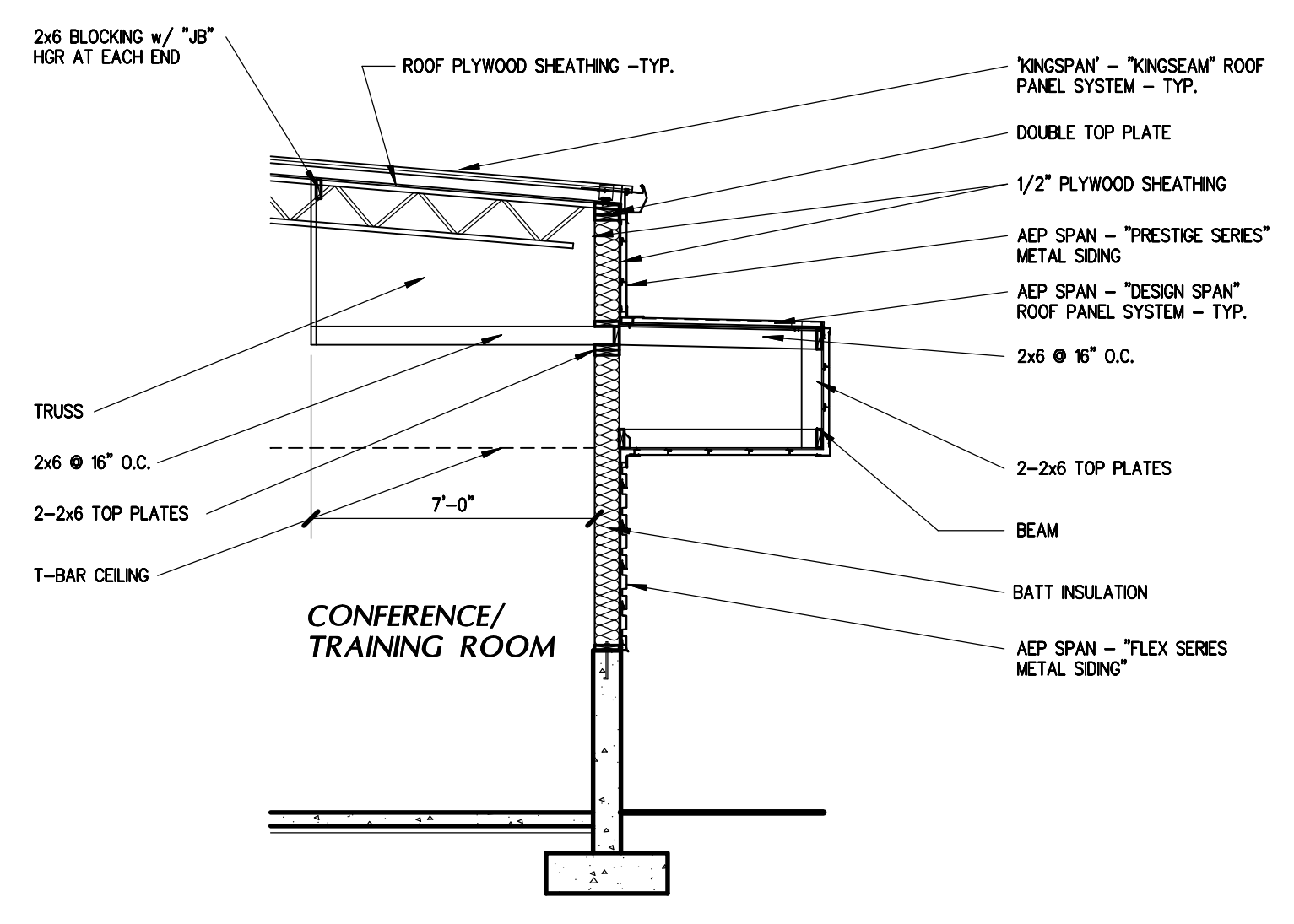
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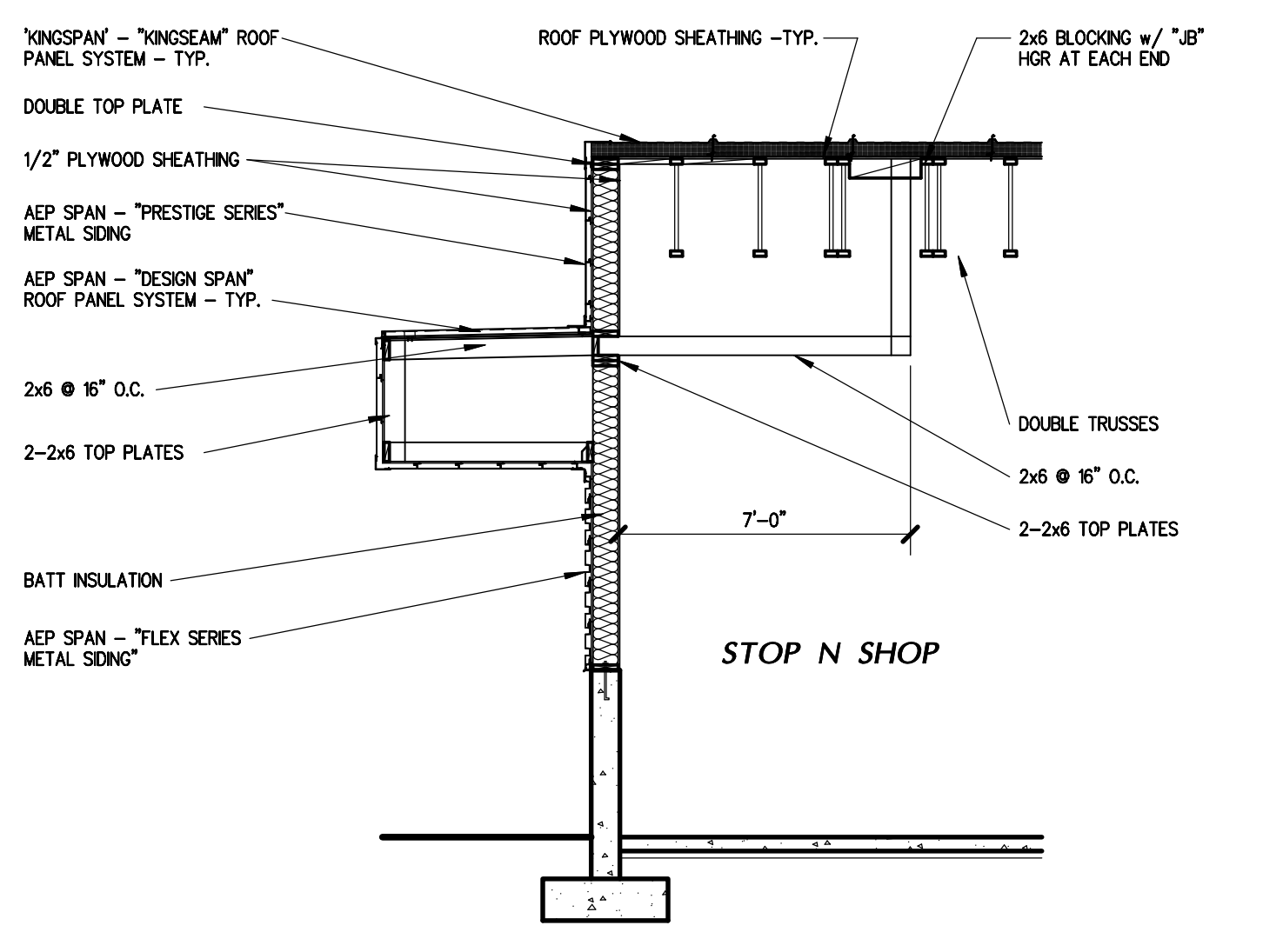
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Mackenzie Flowers



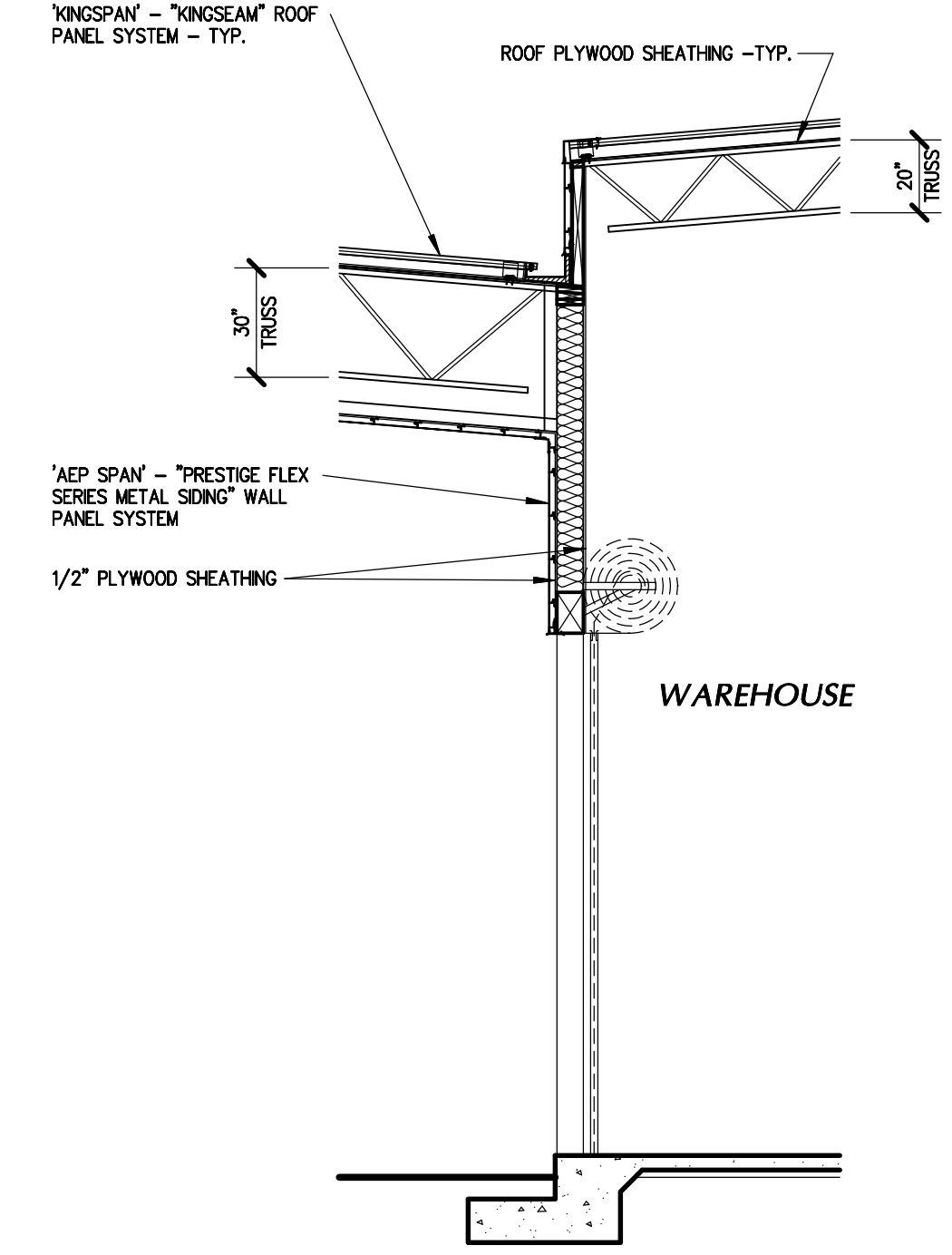
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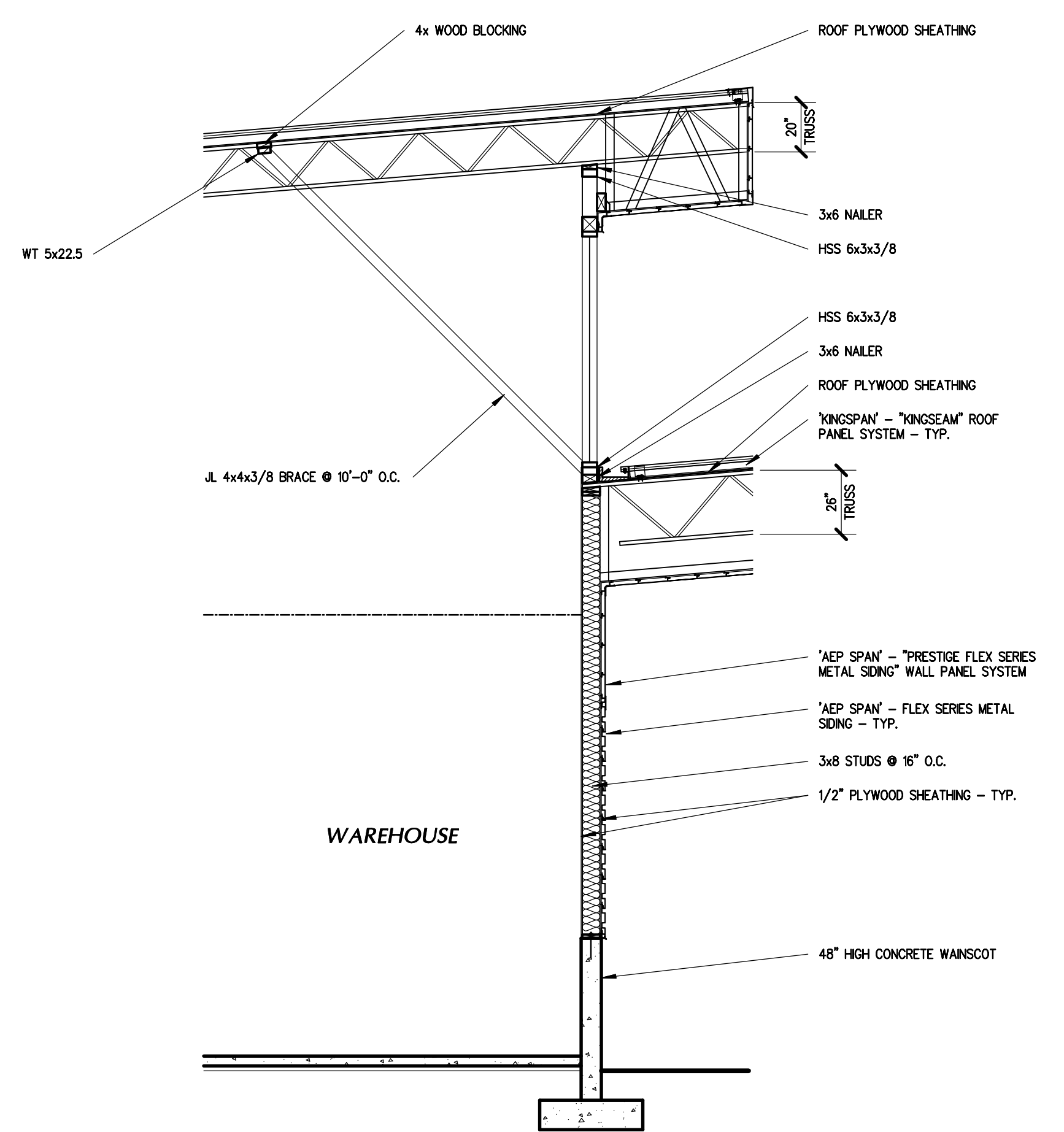
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SECTION 'E'



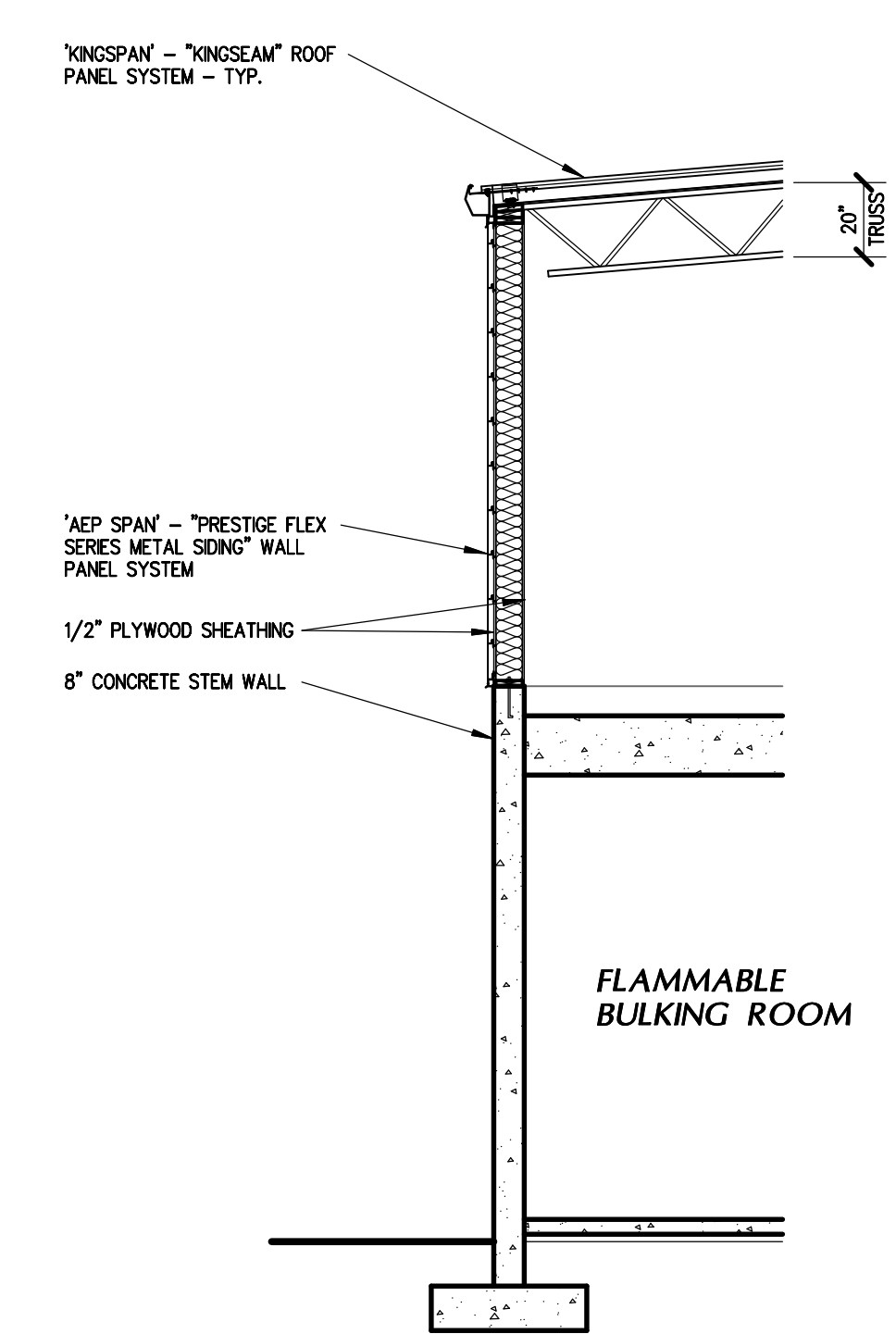
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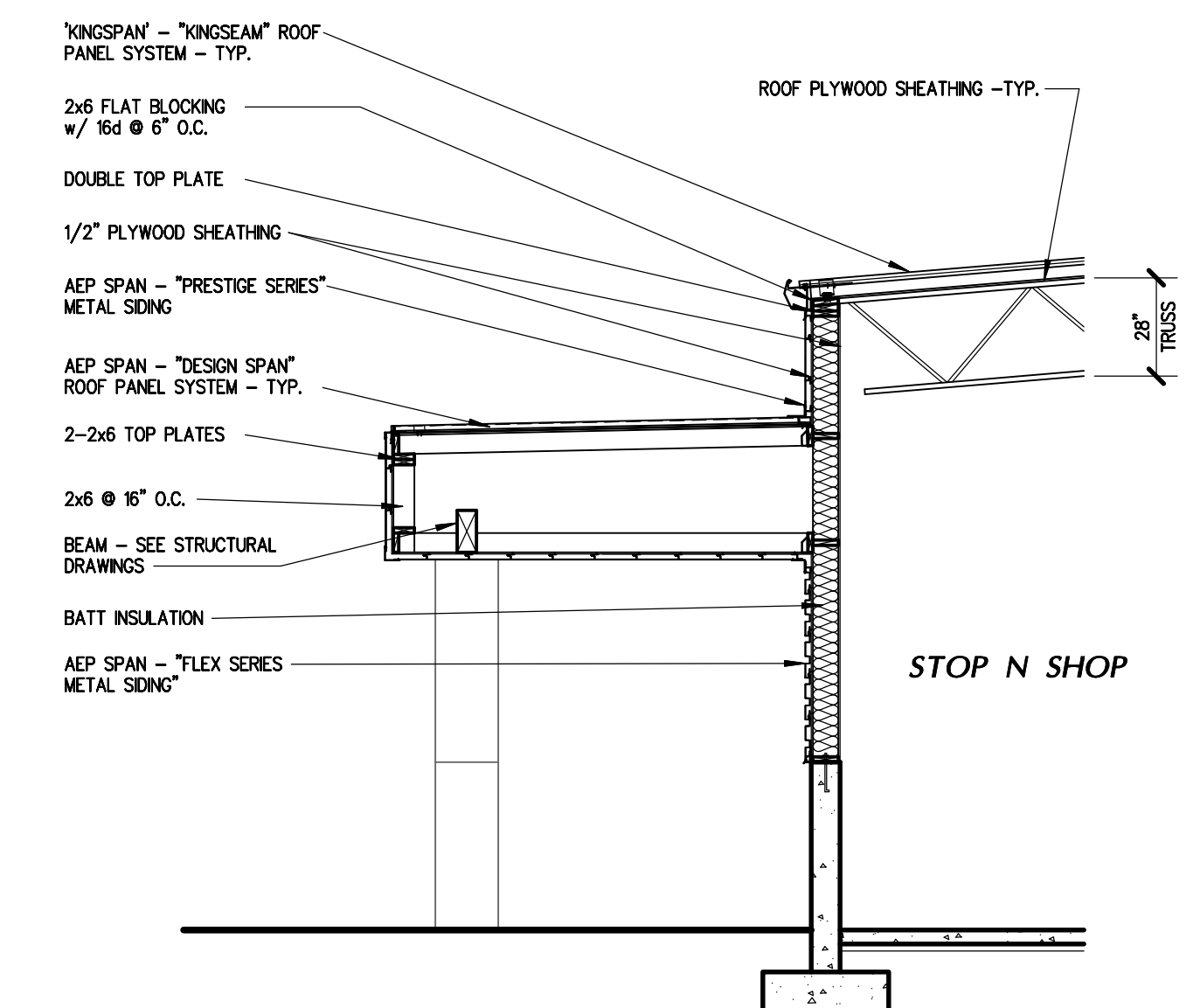
ENLARGED WALL SECTION 1/4"
SECTION 'G'



ENLARGED WALL SECTION 1/4"
SECTION 'H'



ENLARGED WALL SECTION 1/4"
SECTION 'J'



ENLARGED WALL SECTION 1/4"
SECTION 'K'

A NEW BUILDING FOR:



KERN COUNTY
SPECIAL WASTE FACILITY

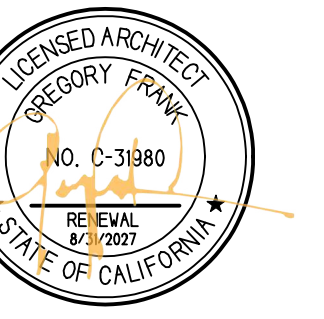
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JOB 7005	A510
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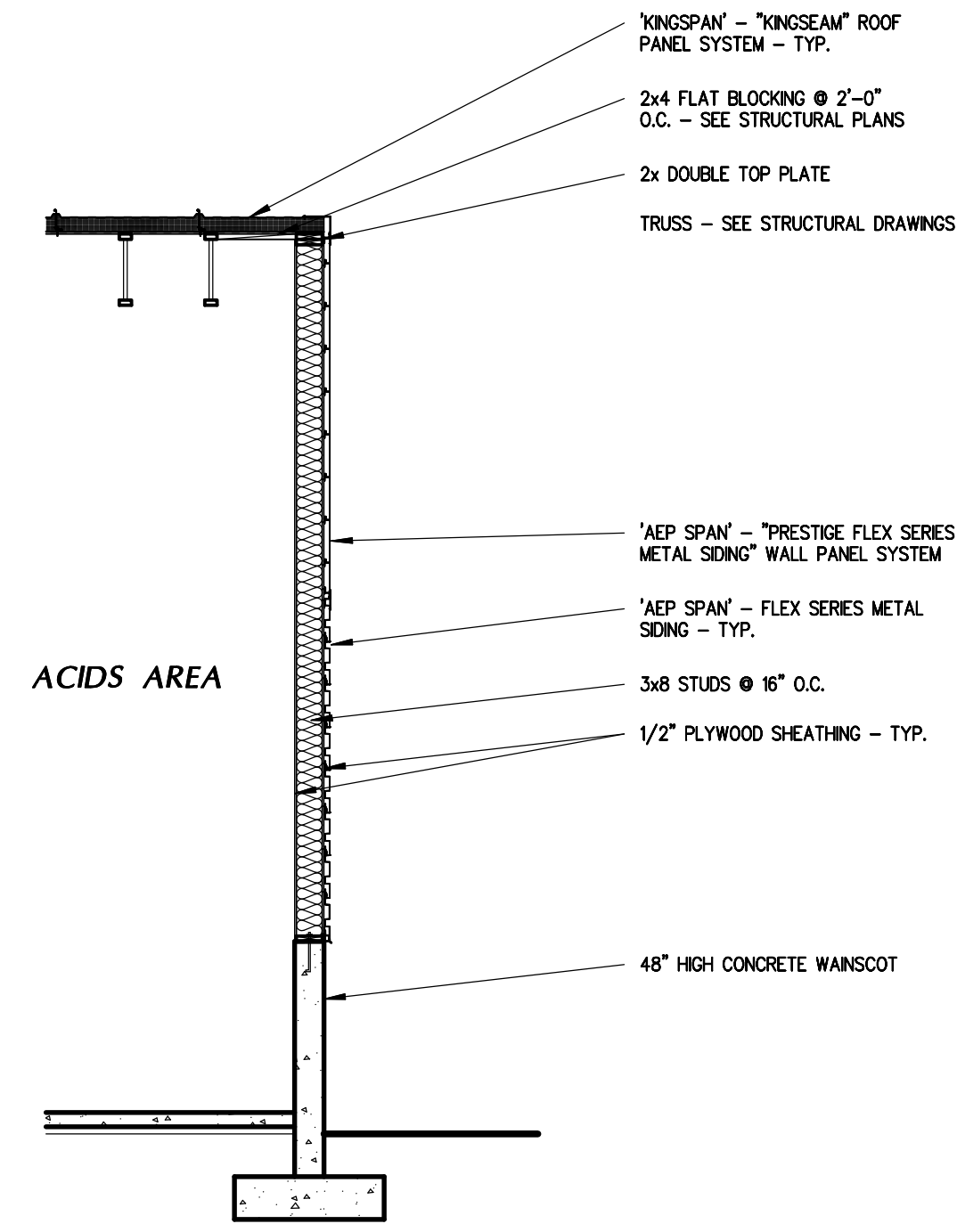
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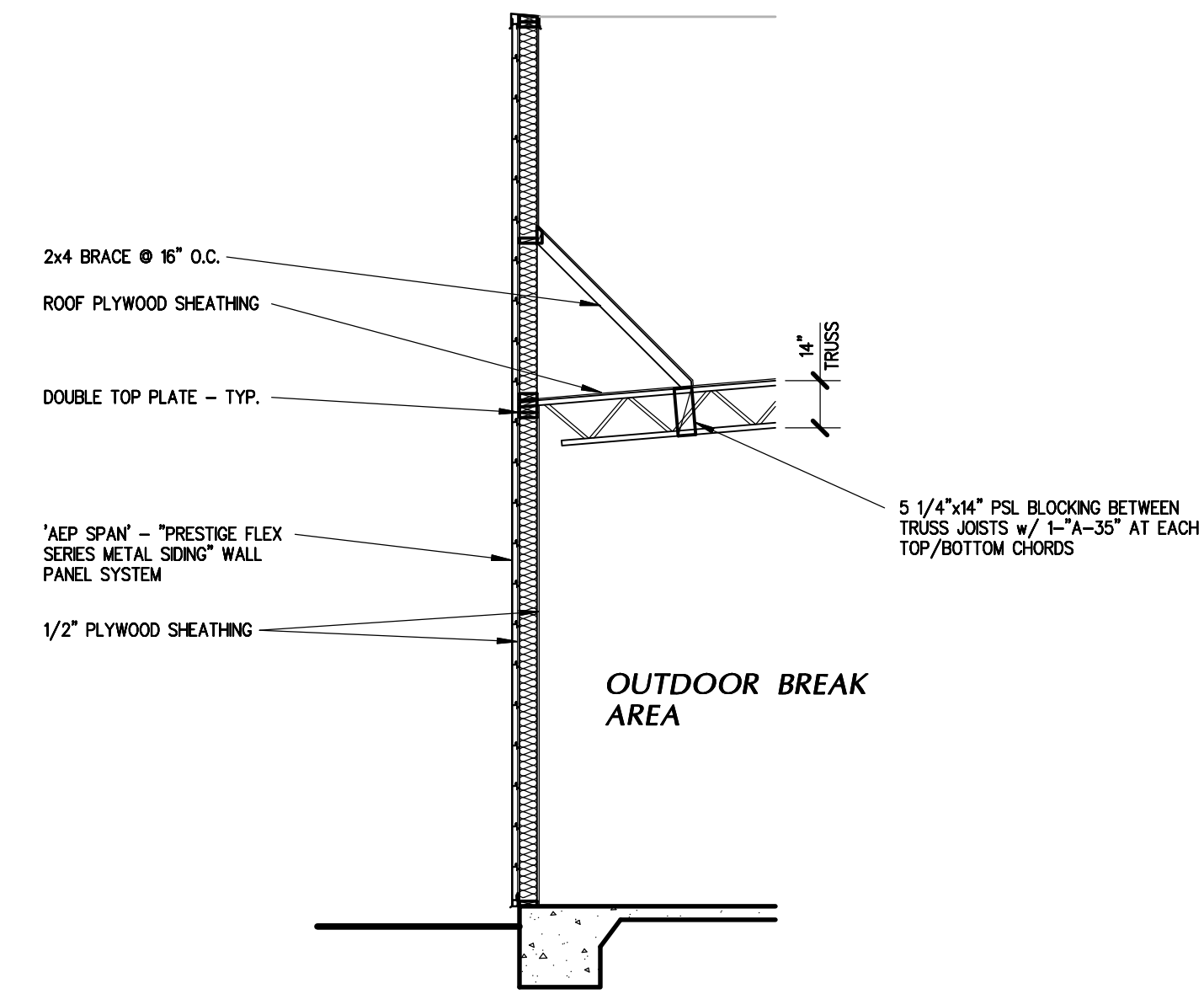
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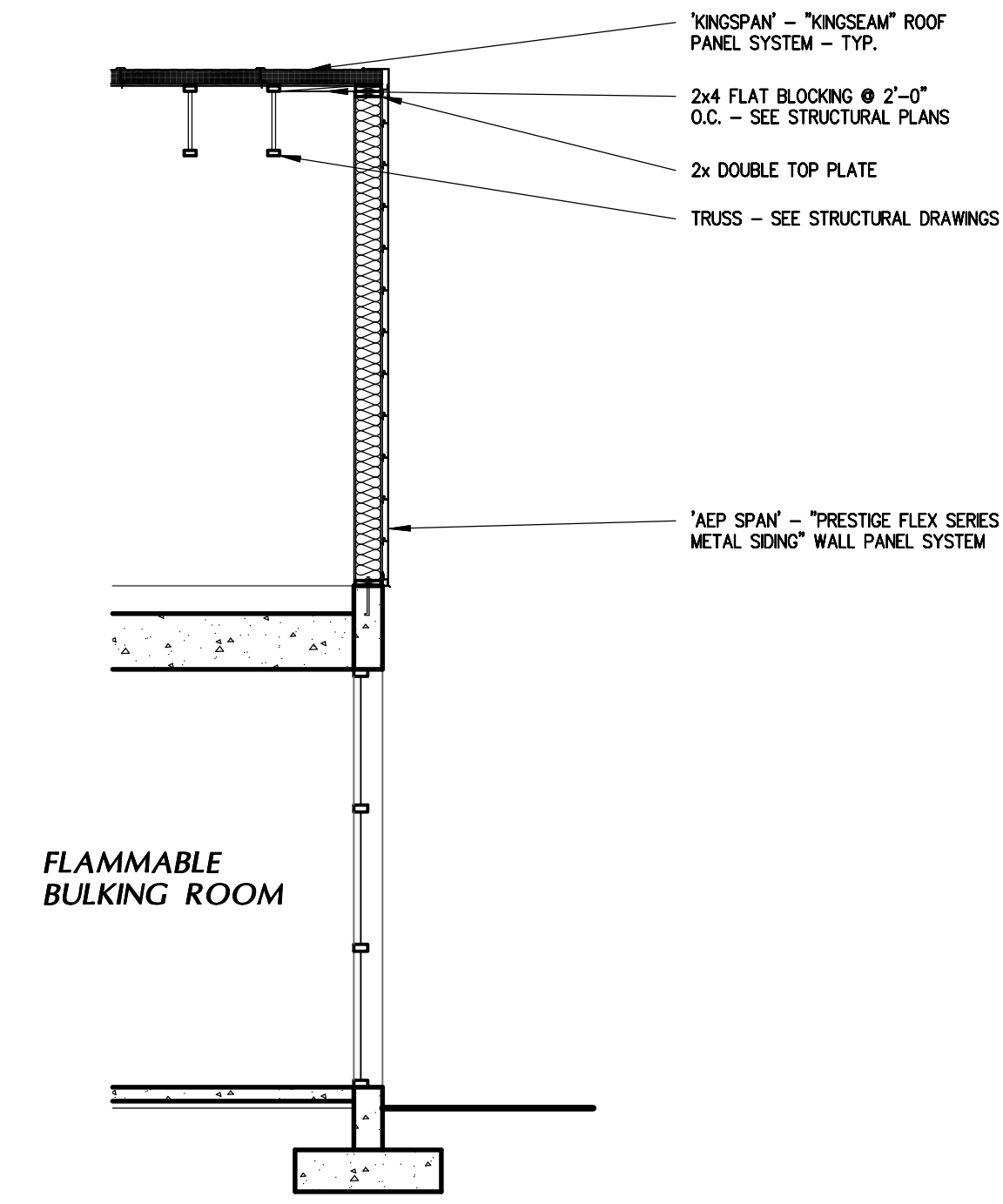
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ENLARGED WALL SECTION SECTION 'L' 1/4"



ENLARGED WALL SECTION SECTION 'M' 1/4"



ENLARGED WALL SECTION SECTION 'N' 1/4"

A NEW BUILDING FOR:



KERN COUNTY
 SPECIAL WASTE
 FACILITY

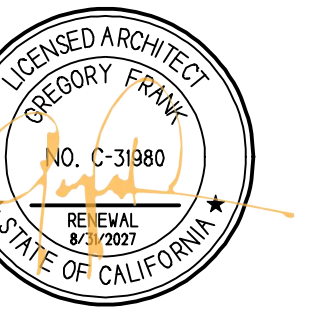
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DP	AC/JV	
PM	CLF	

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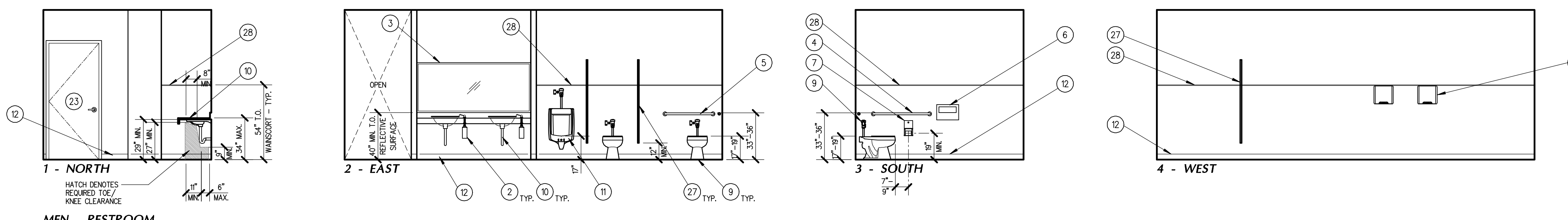
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 Dennis McNamara

INTERIOR ELEVATION NOTES

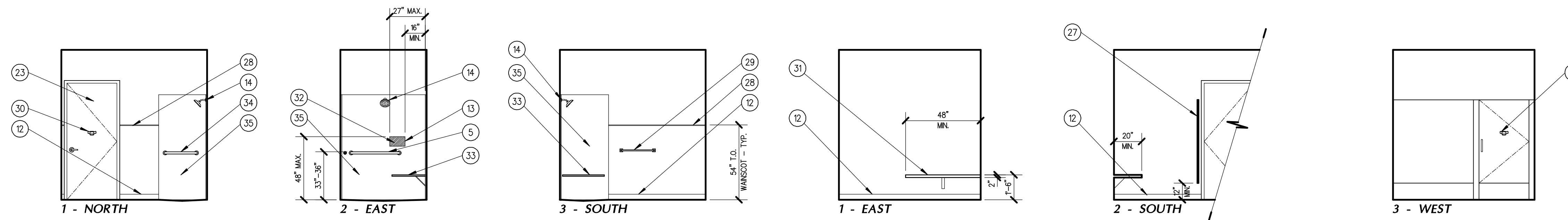
- ALL CABINETS SHALL BE PLASTIC LAMINATE, FLUSH OVERLAY CONSTRUCTION WITH WHITE MELAMINE INTERIORS, CONCEALED HINGES AND 3" SATIN WIRE PULLS.
- ALL COUNTERTOPS SHALL BE BRACED AS REQUIRED WITH DIAGONAL SUPPORTS. MATERIAL AND FINISH SHALL MATCH ADJACENT CABINETRY.
- WRAP ALL SINK DRAINS WITH INSULATION AS REQUIRED.
- AT LEAST ONE OF EACH TYPE OF ACCESSORY SHALL BE INSTALLED WITH ALL OPERABLE PARTS WITHIN 40" FROM THE FINISHED FLOOR.
- ALL CABINETRY, FIXTURES AND ACCESSORIES SHALL BE CONSTRUCTED AND INSTALLED PER APPLICABLE CODES.

KEY NOTES

- ALL ACCESSORIES SHALL BE "BIBBRICK" OR APPROVED EQUAL WITH STAINLESS STEEL FINISH.
- SURFACE MOUNTED HAND DRYER NO. B-728
 - COUNTER MOUNTED SOAP DISPENSER NO. B-8231
 - STAINLESS STEEL CHANNEL-FRAME MIRROR STYLE TO BE SELECTED
 - 42" GRAB BAR NO. 6806-42
 - 36" GRAB BAR NO. 6806-36
 - SURFACE MOUNTED TOILET SEAT COVER DISPENSER NO. B-221
 - SURFACE MOUNTED MULTI-ROLL TOILET PAPER HOLDER NO. B-2888.
 - NOT IN USE
 - ACCESSIBLE TOILET - SEE PLUMBING PLAN - FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE TOILET.
 - ACCESSIBLE LAVATORY - SEE PLUMBING PLAN
 - ACCESSIBLE URINAL - SEE PLUMBING PLAN
 - WALL BASE - SEE FINISH PLAN
 - HAND-HELD SHOWER HEAD w/ 60" LONG FLEXIBLE HOSE - STYLE TO MEET ADA ACCESSIBILITY REQUIREMENTS - SEE PLUMBING PLAN
 - WALL MOUNTED SHOWER HEAD @ +70" A.F.F. - SEE FINISH PLAN
 - SOLID SURFACE COUNTERTOP w/ INTEGRAL BACK SPLASH - SEE FINISH PLAN
 - SOLID SURFACE COUNTERTOP (RECEPTION) - SEE FINISH PLAN
 - BASE CABINETS w/ ADJUSTABLE SHELVING
 - UPPER CABINETS w/ ADJUSTABLE SHELVING
 - 3" WIRE PULL
 - DRAWER / BANK OF DRAWERS
 - 4" TOE KICK
 - STAINLESS STEEL SINK - SEE PLUMBING PLAN
 - DOOR & SIDELIGHT (WHERE SHOWN) - SEE PLAN
 - STOREFRONT WINDOW SYSTEM - SEE PLAN
 - COPER SPACE
 - SURFACE MOUNTED SANITARY NAPKIN DISPOSAL NO. B-254
 - GOLD-GUARD POWDER-COATED, STEEL FLOOR MOUNTED OVERHEAD BRACED TOILET PARTITION BY "SOLID" OR APPROVED EQUAL. INSTALL PRIVACY LATCH SPRING HINGE AND COAT HOOK AT EACH STALL DOOR. SEE FINISH PLAN FOR ADDITIONAL INFORMATION.
 - WANSKOT - SEE FINISH PLAN
 - 24" TOWEL BAR NO. B-6737
 - SURFACE MOUNTED DOUBLE CLOTHING HOOK NO. B-672 @ 42" A.F.F.
 - BUILT-IN SEAT w/ PLASTIC LAMINATE FINISH - SEE PLAN
 - AREA OF BACK WALL WHERE ALL CONTROLS, FAUCETS, AND SPRAY UNITS SHALL BE LOCATED
 - BUILT-IN ACCESSIBLE SHOWER w/ SEAT w/ PLASTIC LAMINATE FINISH
 - 24" GRAB BAR NO. 6806-24
 - ACCESSIBLE SHOWER INSERT - SEE PLUMBING PLAN

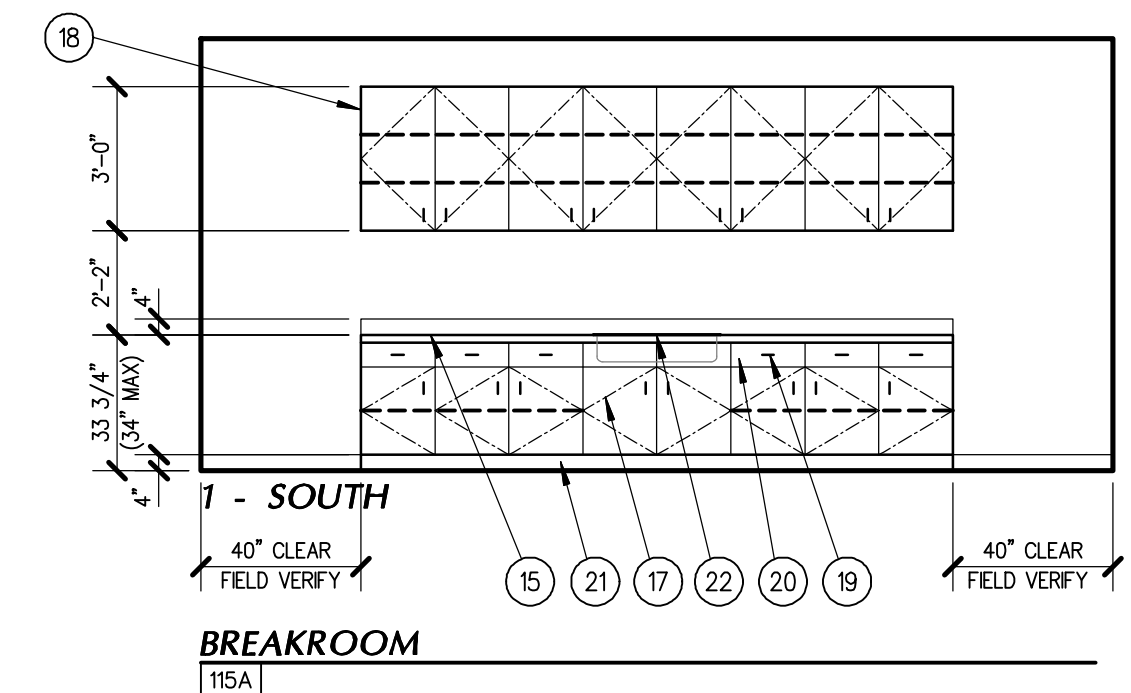


MEN - RESTROOM
121A

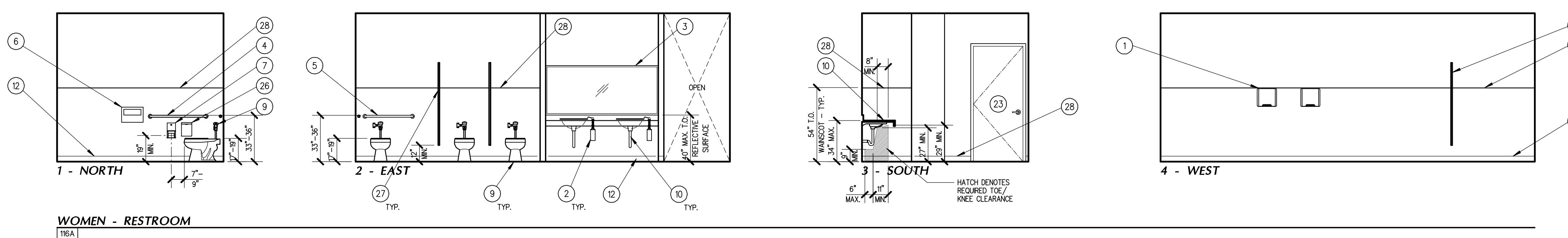


MEN - ACCESSIBLE SHOWER ROOM
122B

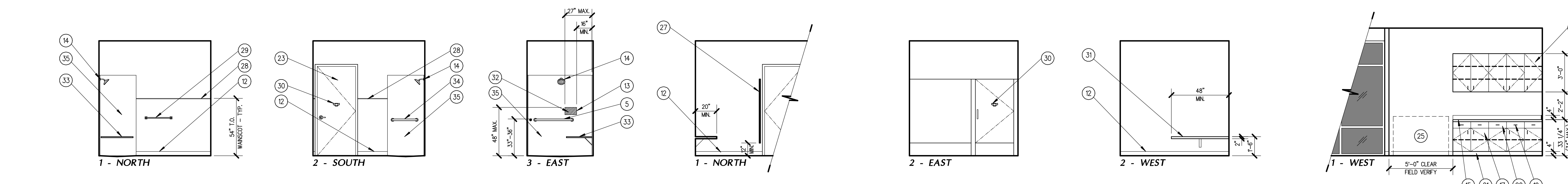
MEN - ACCESSIBLE CHANGING ROOM
122C



BREAKROOM
125A



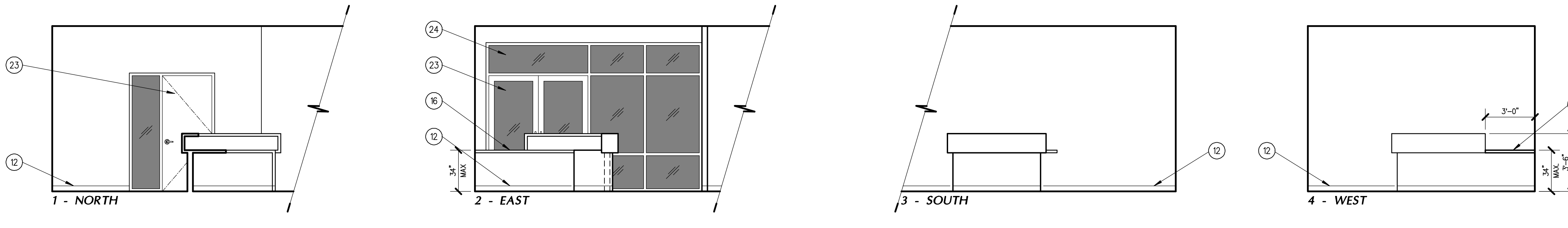
WOMEN - RESTROOM
126A



WOMEN - ACCESSIBLE SHOWER ROOM
126B

WOMEN - ACCESSIBLE CHANGING ROOM
126C

OPEN OFFICE
121A



RECEPTION
122A

INTERIOR ELEVATIONS

1/4"

A NEW BUILDING FOR:



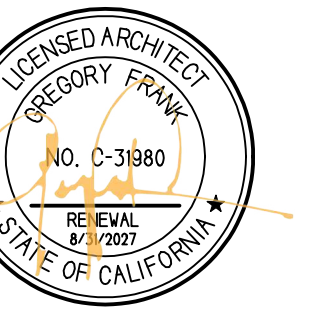
KERN COUNTY SPECIAL WASTE FACILITY

SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT RESUBMITAL
9-16-2025	BUILDING DEPARTMENT RESUBMITAL
10-30-2025	BUILDING DEPARTMENT RESUBMITAL

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE

JOB	7005
DP	AC/JV
PM	GLF
	A600



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 Mackenzie Flowers

EXTERIOR FINISH SCHEDULE

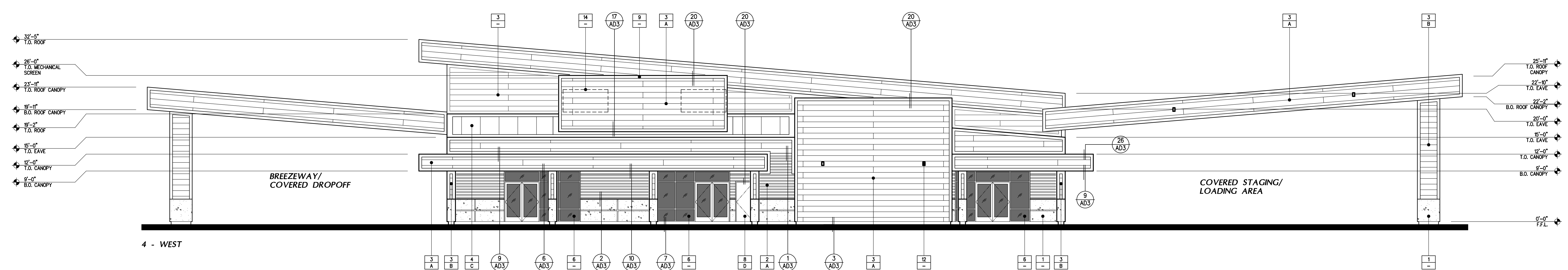
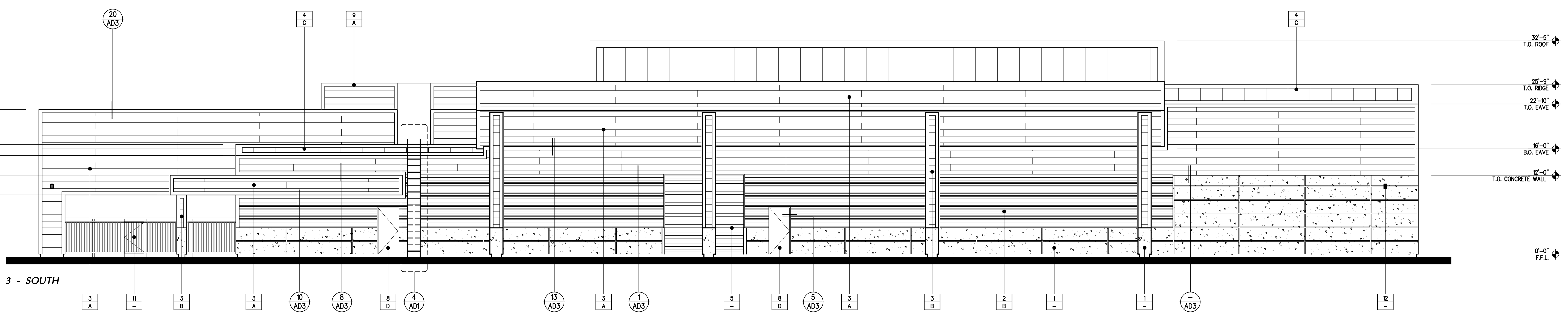
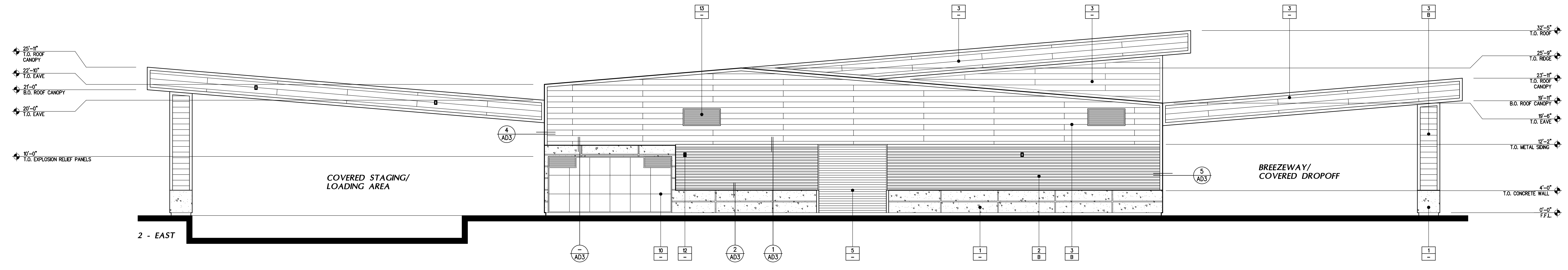
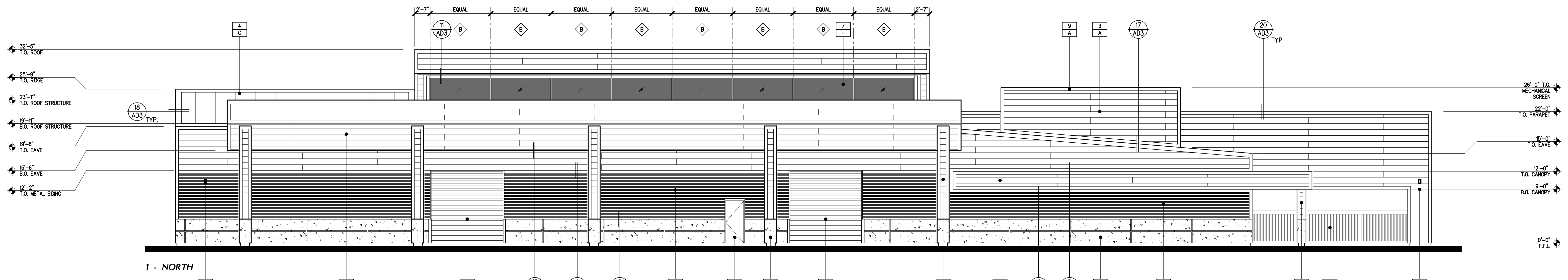
X	FINISH
X	COLOR

FINISH

- 4" HIGH CONCRETE WANGOOT
- "AEP SPAN" FLEX SERIES METAL WALL PANEL SYSTEM
- "AED SPAN" PRESTIGE SERIES METAL WALL PANEL SYSTEM
- "KINGSPAN" KINGSEAM METAL ROOF PANEL SYSTEM
- METAL ROLL-UP DOOR
- ANODIZED ALUMINUM STOREFRONT SYSTEM - SEE PLAN
- CLERESTORY WINDOW AND FRAME
- DOOR AND FRAME - SEE PLAN
- 2x WOOD FRAMED MECHANICAL SCREEN - SEE STRUCTURE - SEE EXTERIOR ELEVATIONS
- EXPLOSION RELEASE PANELS
- WROUGHT IRON FENCE w/ GATE WHERE SHOWN
- EXTERIOR WALL SOONCE
- MECHANICAL LOWERS - SEE MECHANICAL PLANS
- EXTERIOR WALL LOWERS LOCATED ON HIGH WALL BEHIND MECHANICAL SCREEN

COLOR

- "TAHOE BLUE" DURA TECH 5000
- "REGAL WHITE" DURA TECH 5000
- "TAHOE BLUE" - KYNAR #4330952
- DUNN EDWARDS "LET" - #DE3378



EXTERIOR ELEVATIONS

1/8"

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

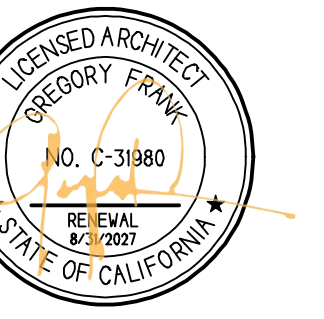
SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
12-5-2024	BUILDING DEPARTMENT SUBMITTAL
5-27-2025	BUILDING DEPARTMENT SUBMITTAL
9-16-2025	BUILDING DEPARTMENT SUBMITTAL

REVISION	DESCRIPTION
1	5-27-25 BUILDING DEPARTMENT COMPLIANCE
2	9-16-25 BUILDING DEPARTMENT COMPLIANCE

JOB 7005	
DP AC/AV	A700
PM G/F	

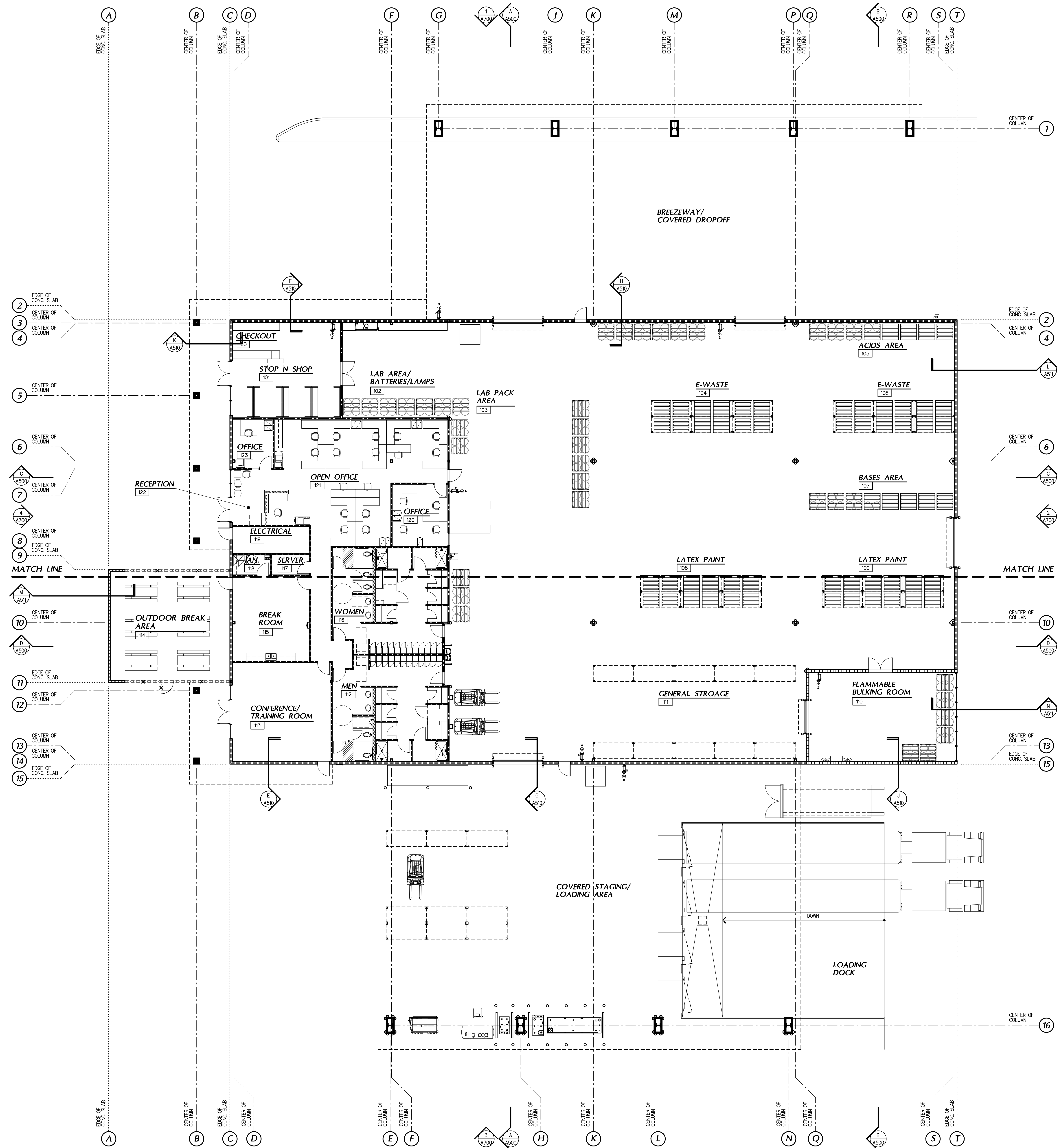
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FINISH PLAN

3/32"

A NEW BUILDING FOR:



**KERN COUNTY
 SPECIAL WASTE
 FACILITY**

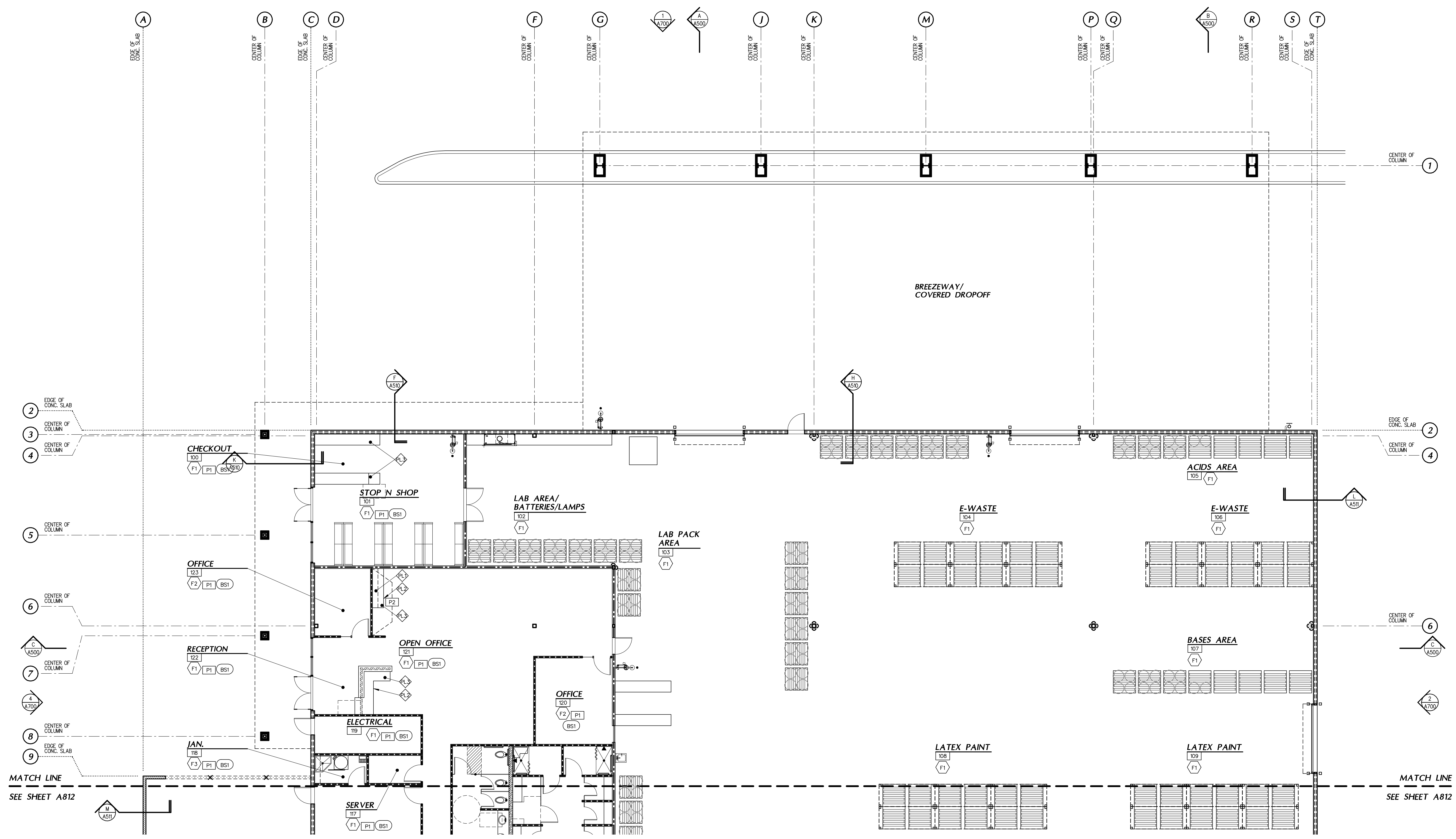
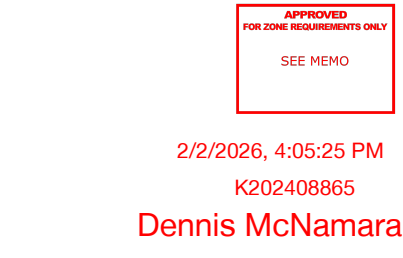
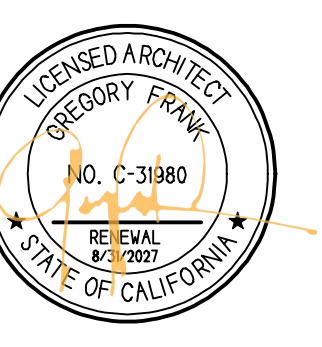
SEC OF DOWNING AVE
 & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT RESUBMITAL
9-16-2025	BUILDING DEPARTMENT RESUBMITAL
10-30-2025	BUILDING DEPARTMENT RESUBMITAL

REVISION	DESCRIPTION
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10-30-25	BUILDING DEPARTMENT COMPLIANCE

JOB 7005	A810
DP AC/JV	
PM GJF	

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ENLARGED FINISH PLAN - NORTH

1/8"

FINISH NOTES

1. TAPE, SAND, PROVIDE LIGHT SKP TROWEL FINISH AND PAINT ALL EXPOSED GYPSUM BOARD IN A SATIN FINISH.
2. PAINT ALL DOORS WITH PROJECT FIELD COLOR - UNO.
3. LAMINATE PLASTICS SHALL BE BY "WILSONART". SEE INTERIOR ELEVATIONS FOR EXACT LOCATIONS.
4. INSTALL WINDOW COVERINGS AT ALL EXTERIOR GLAZING - VERIFY STYLE WITH ARCHITECT & TENANT.
5. FINAL COLORS SHALL BE SELECTED BY ARCHITECT UNO.
6. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING FINISH SUBMITTALS TO ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR IS RESPONSIBLE FOR ANY FINISHES THAT ARE NOT APPROVED IN WRITING BY ARCHITECT.
7. INTERIOR PAINT SHALL HAVE A VOLATILE ORGANIC COMPOUND (VOC) CONTENT OF LESS THAN 50 G/L FOR FLAT COATINGS, LESS THAN 100 G/L FOR NON-FLAT COATINGS, OR LESS THAN 150 G/L FOR NON-FLAT HIGH-GLOSS COATINGS AND MUST COMPLY WITH GREEN SEAL STANDARD GS-T, PAINTS, 1ST EDITION, MAY 20 1993.
8. INDOOR CARPET & CARPET PAD ADHESIVES SHALL HAVE A VOLATILE ORGANIC COMPOUND (VOC) CONTENT OF LESS THAN 50 G/L AND MUST COMPLY WITH SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULE # 116.
9. COMPOSITE WOOD AND ADHESIVE PRODUCTS USED ON THE INTERIOR OF A BUILDING MUST CONTAIN NO ADDED UREA-FORMALDEHYDE RESIN.
10. PROVIDE AN ATTIC STOCK OF 2% OF THE TOTAL CARPET AREA FOR EACH TYPE AND/OR COLOR OF CARPET TILES TO A MAXIMUM OF 100 SQUARE YARDS FROM THE SAME DIV-LOT FOR FUTURE REPAIRS.
11. FLOAT FLOORING BETWEEN DIFFERENT MATERIALS FOR A SMOOTH TRANSITION. SLOPE SHALL BE NO GREATER THAN 1/20.
12. PROVIDE ALUMINUM TRIM/TRANSITION (SCREEN BY "SCHLITZER" OR EQUAL) AT ALL MATERIAL TRANSITIONS - VERIFY STYLE & COLOR WITH ARCHITECT.
13. INTERIOR FLOORING FINISHES SHALL BE CLASS I MATERIALS MIN (OPTICAL DENSITY SMOKE RATING NOT TO EXCEED 450).
14. INTERIOR WALL & CEILING FINISHES SHALL BE CLASS I MIN (FLAME SPREAD INDEX 28-75; SMOKE DEVELOPED INDEX 0-450).

FLOOR FINISH SCHEDULE

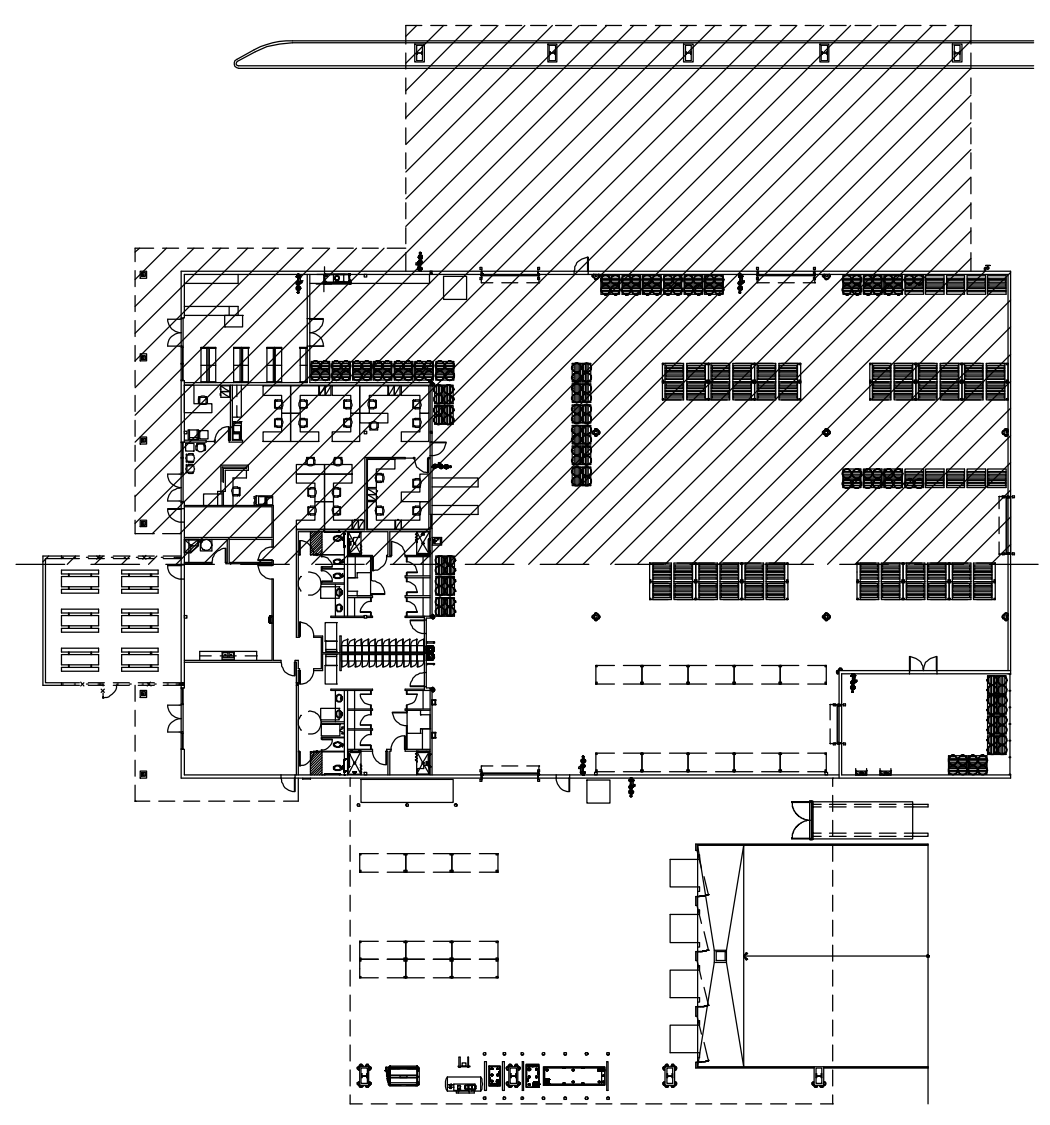
- (F1) CONCRETE SEALER - FIELD. MANUFACTURER: TO BE SELECTED. STYLE: TO BE SELECTED. COLOR: TO BE SELECTED.
- (F2) LUXURY VINYL TILE WITH ARCHITECT & TENANT MANUFACTURER: "WILSONART" HIGH GROUND THICKET - H0180. COLLECTION: DESIGN NAME: "WILSONART" HIGH GROUND THICKET - H0180.
- (F3) SHEET VINYL w/ 1/4" COVE BASE. MANUFACTURER: "BEAUFLO" STIRING. COLOR: MRA 970M.
- (BS1) VINYL BASE. MANUFACTURER: FLEXCO. COLOR: D14 MEDIUM GRAY.

WALL FINISH

- (WT1) WALL TILE. MANUFACTURER: BEGROSANS. COLLECTION: CERAMIC TILE. COLOR: GREEN.
- PAINT**
- (P1) PAINT - FIELD. MANUFACTURER: "SHERWIN - WILLIAMS". STYLE: EGG SHELL. COLOR: TOUGUE WHITE - SW 7003.
- (P3) PAINT - ACCENT 1. MANUFACTURER: "SHERWIN - WILLIAMS". STYLE: EGG SHELL. COLOR: TEMPE STAR - SW 6229.

CABINETS / COUNTER TOPS

- (C1) PLASTIC LAMINATE - VERTICAL SURFACE. MANUFACTURER: "WILSONART". COLOR: ASIAN SAND. FINISH: MATTE.
- (C2) PLASTIC LAMINATE - VERTICAL SURFACE. MANUFACTURER: "WILSONART". COLOR: ASIAN NIGHT. FINISH: MATTE.
- (C3) SOLID SURFACE. MANUFACTURER: "WILSONART". COLOR: CALACATTA OLIMPOS. FINISH: POLISHED.



KEY PLAN

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

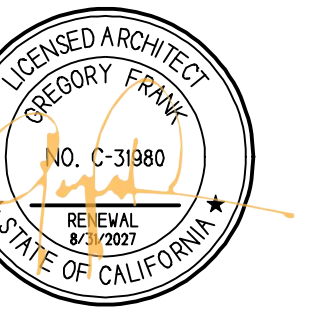
SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT RESUBMITAL
9-16-2025	BUILDING DEPARTMENT RESUBMITAL
10-30-2025	BUILDING DEPARTMENT RESUBMITAL

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE

JOB 7005	DP AC/JV	A811
PM GLF		

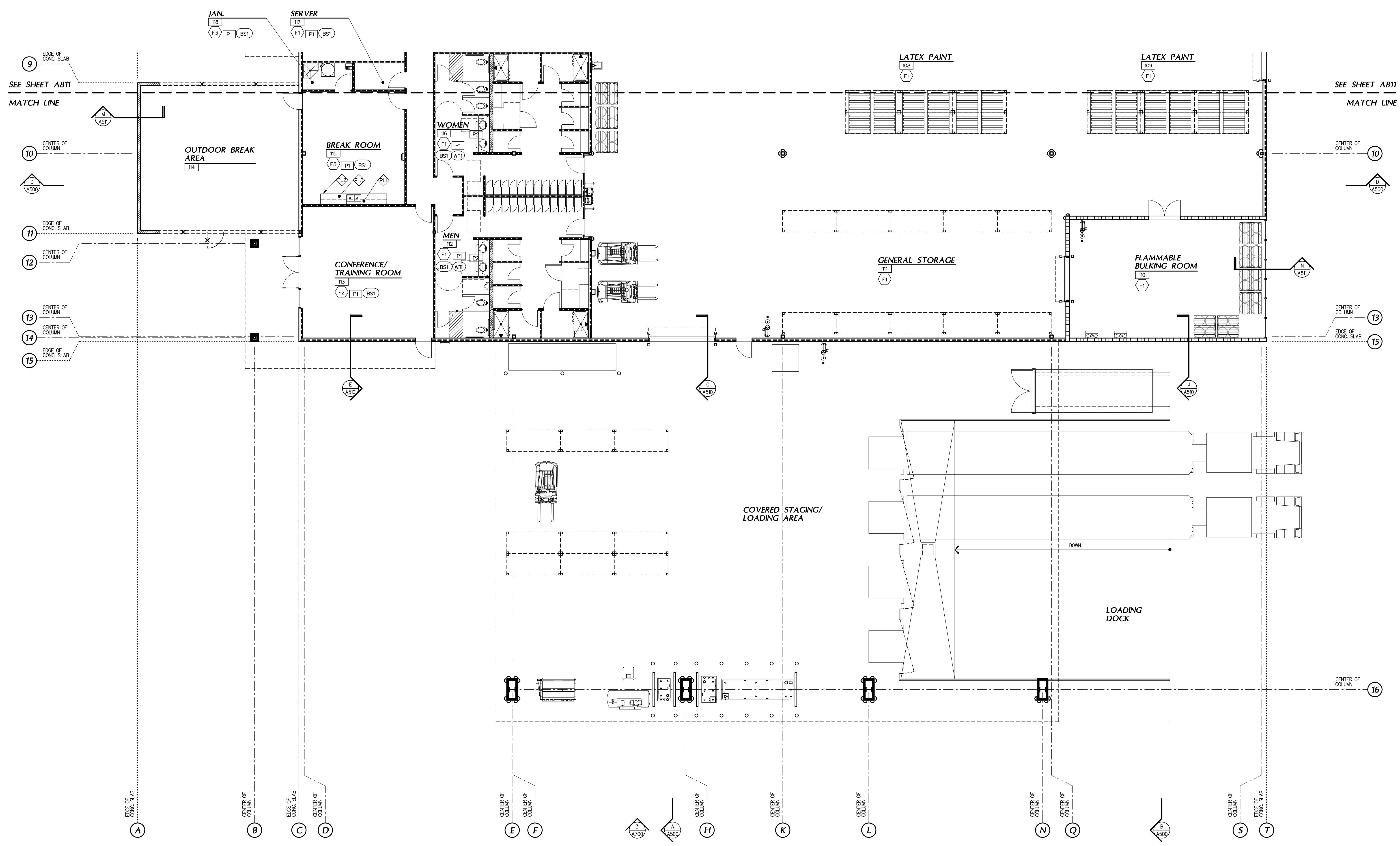
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ENLARGED FINISH PLAN - SOUTH

1/8"

FINISH NOTES

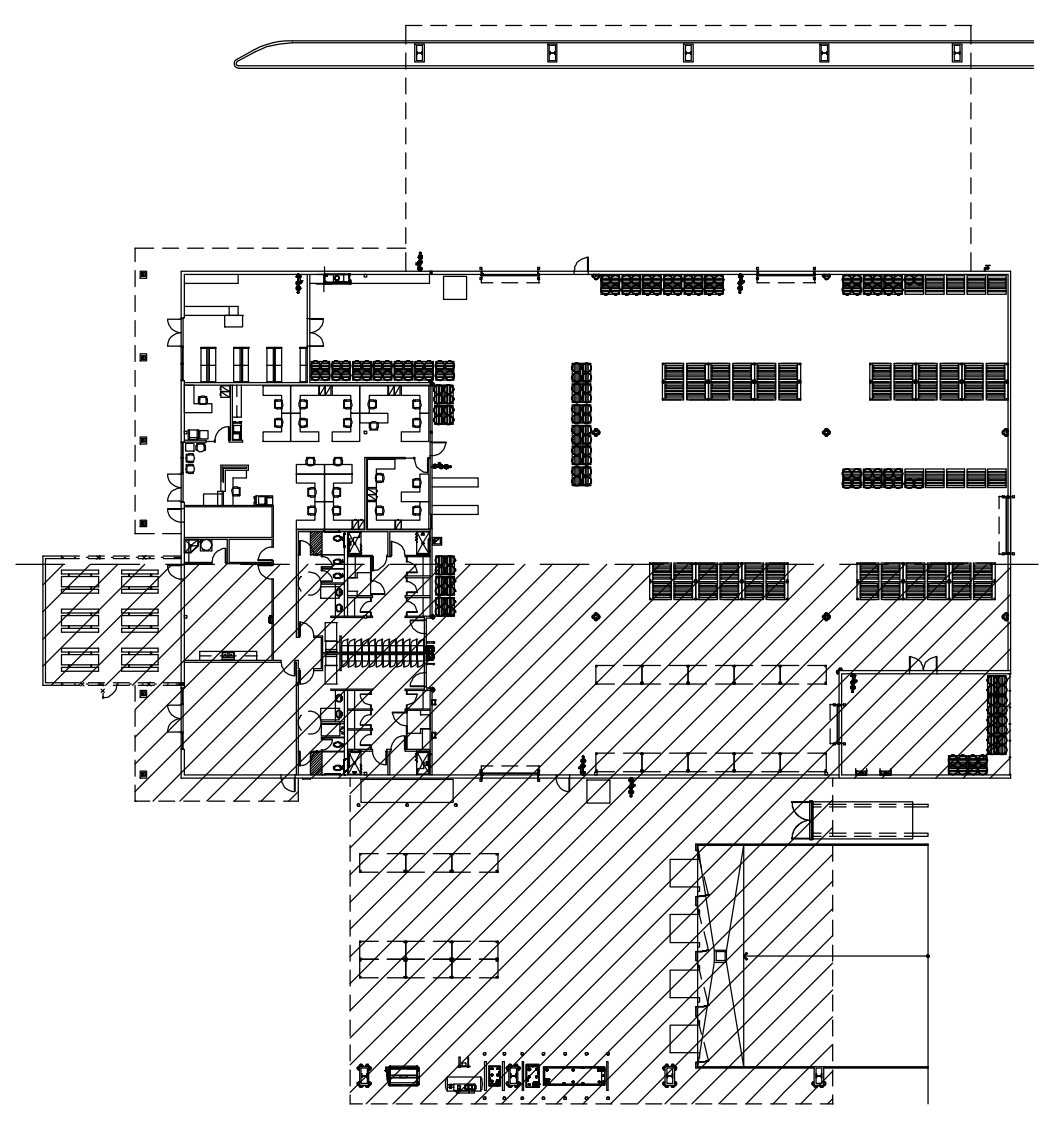
1. TAPE, SAND, PROVIDE LIGHT SKIP TROWEL FINISH AND PAINT ALL EXPOSED GYPSUM BOARD IN A SATIN FINISH.
2. PAINT ALL DOORS WITH PROJECT FIELD COLOR - UNO.
3. LAMINATE PLASTICS SHALL BE BY "WILSONART". SEE INTERIOR ELEVATIONS FOR EXACT LOCATIONS.
4. INSTALL WINDOW COVERINGS AT ALL EXTERIOR GLAZING - VERIFY STYLE WITH ARCHITECT & TENANT.
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8. INDOOR CARPET & CARPET PAD ADHESIVES SHALL HAVE A VOLATILE ORGANIC COMPOUND (VOC) CONTENT OF LESS THAN 50 G/L AND MUST COMPLY WITH SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULE # 116B.
9. COMPOSITE WOOD AND AGRI-BEER PRODUCTS USED ON THE INTERIOR OF A BUILDING MUST CONTAIN NO ADDED UREA-FORMALDEHYDE RESIN.
10. PROVIDE AN ATTIC STOCK OF 2% OF THE TOTAL CARPET AREA FOR EACH TYPE AND/OR COLOR OF CARPET TILES TO A MAXIMUM OF 100 SQUARE YARDS FROM THE SAME DYE-LOT FOR FUTURE REPAIRS.
11. FLOAT FLOORING BETWEEN DIFFERENT MATERIALS FOR A SMOOTH TRANSITION. SLOPE SHALL BE NO GREATER THAN 1/20.
12. PROVIDE ALUMINUM TRIM/TRANSITION (SCREEN BY SCHLUTER OR EQUAL) AT ALL MATERIAL TRANSITIONS - VERIFY STYLE & COLOR WITH ARCHITECT.
13. INTERIOR FLOORING FINISHES SHALL BE CLASS I MATERIALS MIN. (OPTICAL DENSITY SMOKE RATING NOT TO EXCEED 450)
14. INTERIOR WALL & CEILING FINISHES SHALL BE CLASS I MIN. (FLAME SPREAD INDEX 26-75; SMOKE DEVELOPED INDEX 0-450)

FLOOR FINISH SCHEDULE

- (F1) CONCRETE SEALER - FIELD. MANUFACTURER: TO BE SELECTED. STYLE: TO BE SELECTED. COLOR: TO BE SELECTED.
 - (F2) LUXURY VINYL TILE. MANUFACTURER: "MILBURN" HIGH GROUND THICKET - H0180. COLLECTION: DESIGN NAME: TO BE SELECTED.
 - (F3) SHEET VINYL w/ F3 COVE BASE. MANUFACTURER: "BEAUFLO" STRIPE. COLOR: MRA 970M.
- WALL BASE**
- (BS1) VINYL BASE. MANUFACTURER: FLEXCO. COLOR: D14 MEDIUM GRAY.
 - (BS2) WALL BASE PROFILE - FIELD. SEE DETAIL 30/AS2. MANUFACTURER: SCHLUTER SYSTEMS. COLLECTION: DESIGNSOURCE S1. MATERIAL: STAINLESS STEEL V2A. FINISH: BRUSHED SS. HEIGHT: 4 3/8"

WALL FINISH

- (WT1) WALL TILE. MANUFACTURER: BEGROSANS. COLLECTION: CLIC CERAMIC TILE. COLOR: GREEN.
- PAINT**
- (P1) PAINT - FIELD. MANUFACTURER: "SHERWIN - WILLIAMS". STYLE: EGG SHELL. COLOR: TOUQUE WHITE - SW 7003.
 - (P3) PAINT - ACCENT 1. MANUFACTURER: "SHERWIN - WILLIAMS". STYLE: EGG SHELL. COLOR: TEMPE STAR - SW 6229.
- CABINETS / COUNTER TOPS**
- (F1) PLASTIC LAMINATE - VERTICAL SURFACE. MANUFACTURER: "WILSONART". COLOR: ASIAN SAND. FINISH: MATTE.
 - (F2) PLASTIC LAMINATE - VERTICAL SURFACE. MANUFACTURER: "WILSONART". COLOR: ASIAN NIGHT. FINISH: MATTE.
 - (F3) SOLID SURFACE. MANUFACTURER: "WILSONART". COLOR: CALACATTA OLIMPOS. FINISH: POLISHED.



KEY PLAN

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

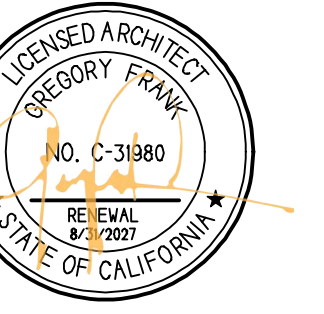
SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT COMPLIANCE
9-16-2025	BUILDING DEPARTMENT COMPLIANCE
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REVISION	DESCRIPTION
Δ 5-27-25	BUILDING DEPARTMENT COMPLIANCE
Δ 9-16-25	BUILDING DEPARTMENT COMPLIANCE
Δ 10-30-25	BUILDING DEPARTMENT COMPLIANCE

JOB 7005	DP AC/JV	A812
PM GLF		

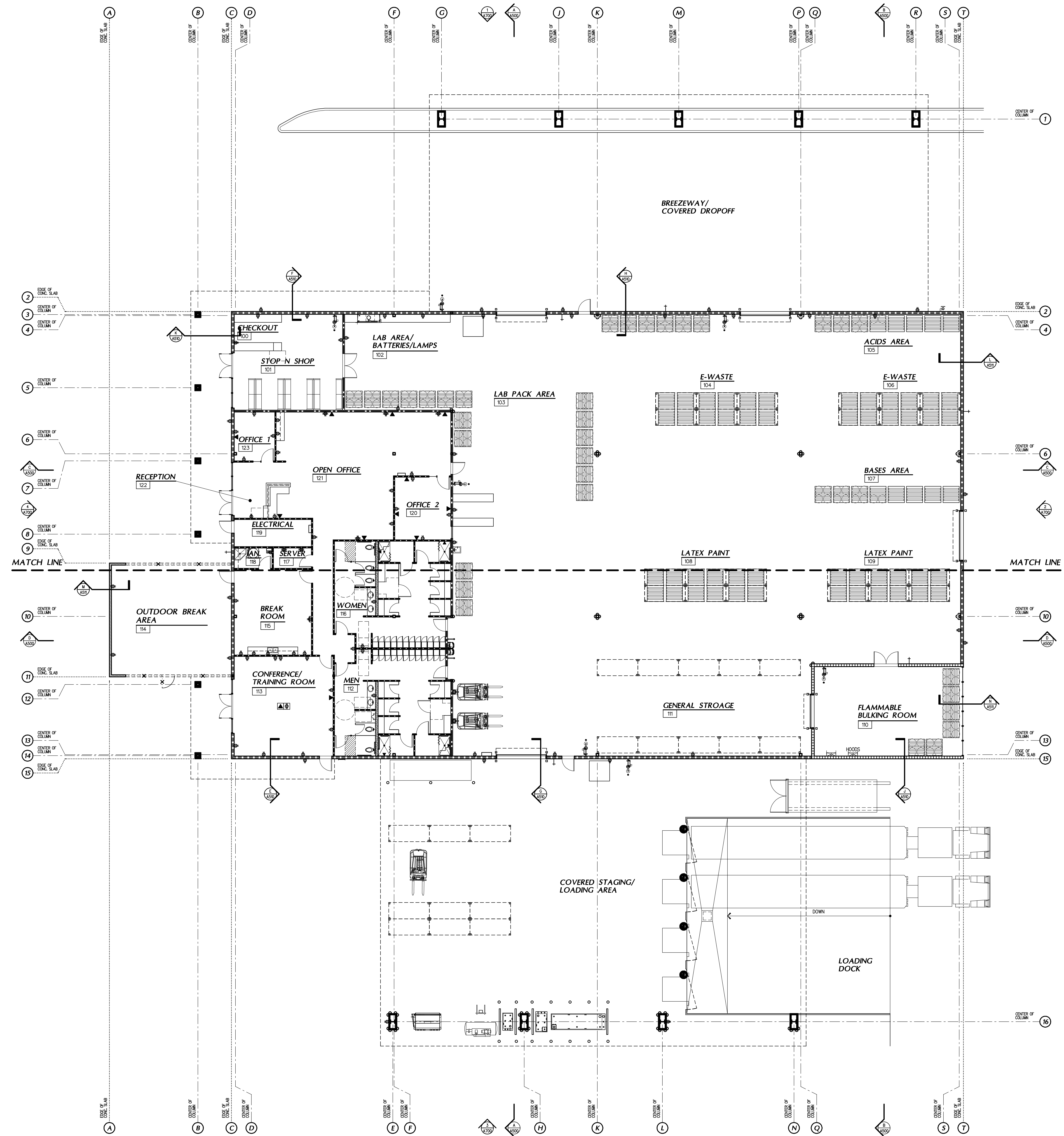
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 Dennis McNamara



POWER & SIGNAL PLAN

A NEW BUILDING FOR:



**KERN COUNTY
 SPECIAL WASTE
 FACILITY**

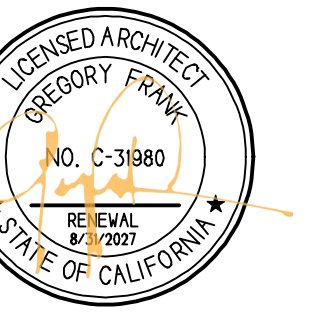
SEC OF DOWNING AVE
 & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT RESUBMITAL
9-16-2025	BUILDING DEPARTMENT RESUBMITAL
10-30-2025	BUILDING DEPARTMENT RESUBMITAL

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE

JOB 7005	A910
DP AC/JV	
PM GLF	

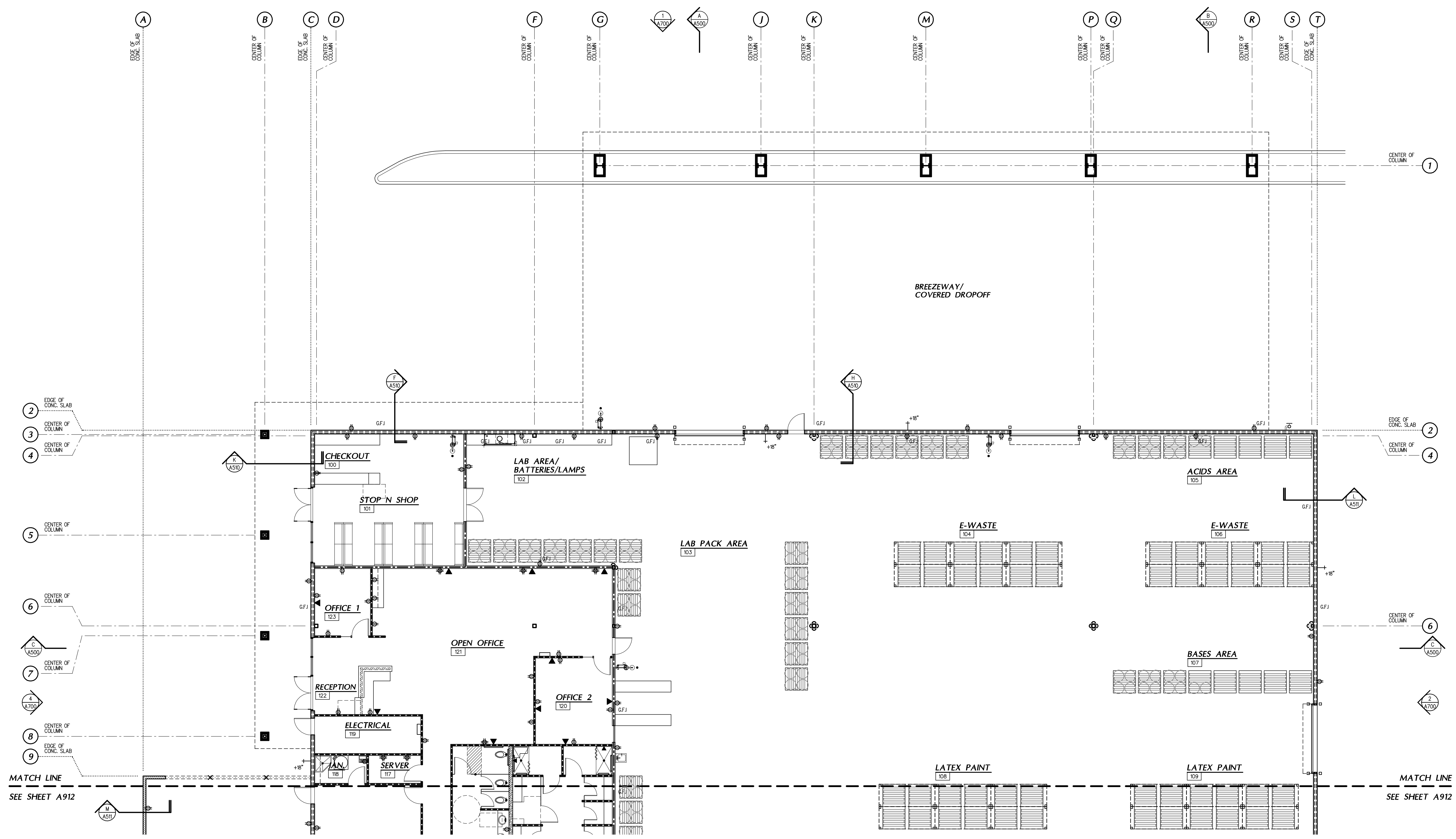
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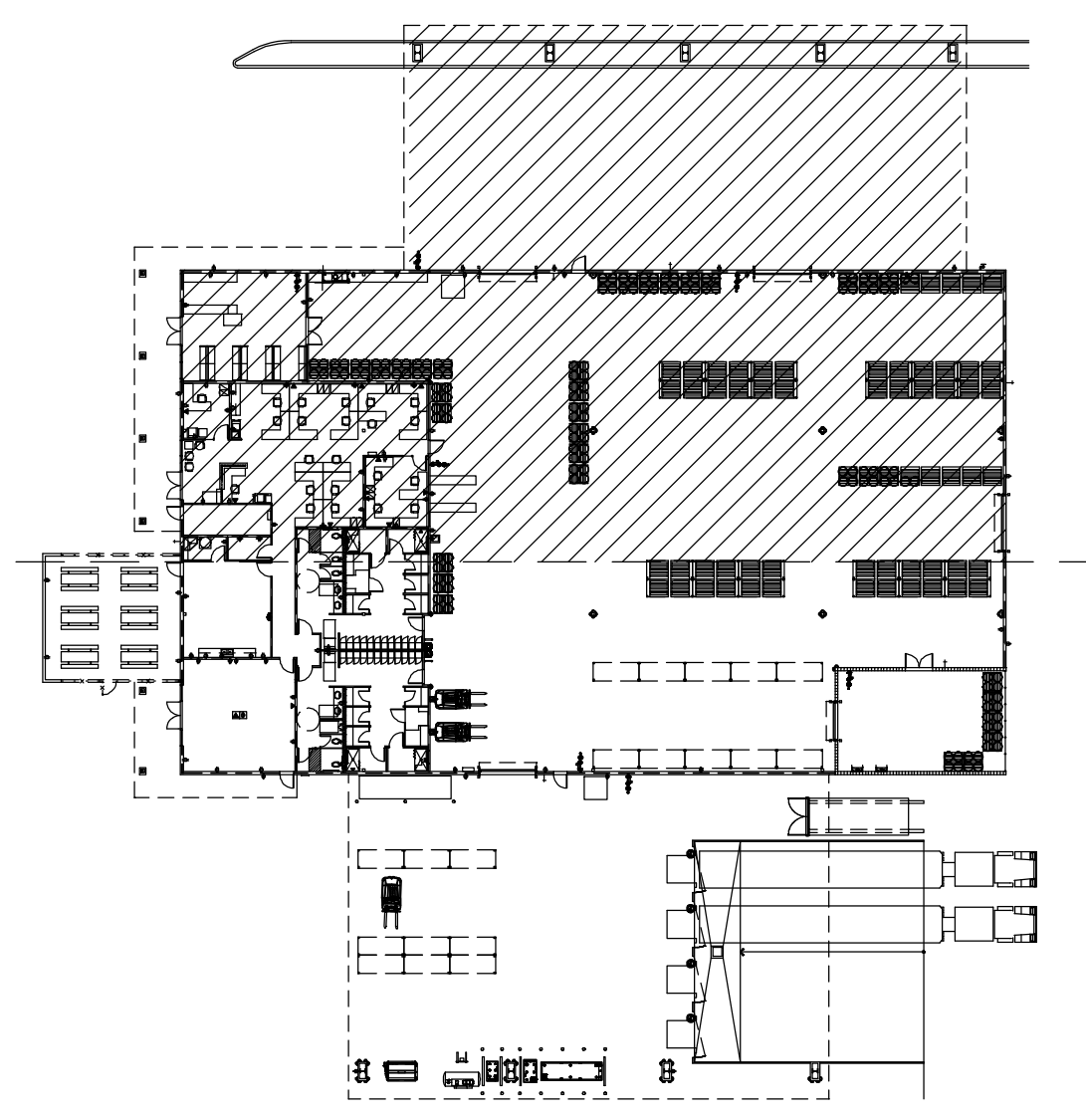
ENLARGED POWER & SIGNAL PLAN

1/8"

- POWER & SIGNAL NOTES**
- POWER AND SIGNAL LOCATIONS ON THIS PLAN ARE ONLY APPROXIMATE - AFTER WALLS ARE FRAMED G.C. SHALL WALK OWNER THROUGH JOB-SITE AND FIELD VERIFY EXACT LOCATIONS OF ALL POWER AND SIGNAL JUNCTION BOXES.
 - CONTRACTOR IS RESPONSIBLE FOR ANY DESIGN BUILD DRAWINGS REQUIRED FOR PERMITTING.
 - GENERAL CONTRACTOR SHALL COORDINATE WITH THE SYSTEMS FURNITURE SUPPLIER ALL DATA AND ELECTRICAL REQUIREMENTS TO FURNITURE AND METHODS AND POINTS OF CONNECTION.
 - PRIOR TO CORE DRILLING OR SAW CUTTING THRU FLOOR SLAB VERIFY ALL FLOOR BEAM AND UTILITY LOCATIONS BELOW.
 - ALL COFFER, DISHWASHER, REFRIGERATOR, AND MICROWAVE OUTLETS SHALL BE ON DEDICATED CIRCUITS.
 - DEDICATED CIRCUITS ARE NOT SHOWN ON THIS PLAN - VERIFY ANY SPECIAL CIRCUIT REQUIREMENTS AND LOCATIONS WITH OWNER.
 - ALL LIGHTING CONTROLS & RECEPTACLES SHALL BE MOUNTED 5' MIN. A.F.F. & 48" MAX A.F.F. - SEE DETAILS 23/A02 & 24/A02 FOR REQUIRED REACH RANGES.

- POWER & SIGNAL LEGEND**
- NEW**
- ▲ DATA & PHONE JACK
 - ⊕ DUPLEX RECEPTACLE
 - ⊕ FOUR-PLEX RECEPTACLE
 - ⊕ FLOOR BOX w/ POWER
 - ⊕ FLOOR BOX w/ PHONE & DATA
 - ⊕ HOSE BEB

RECEPTACLE MOUNTING HEIGHT NOTE HAS BEEN ADDED



KEY PLAN

N.S.

A NEW BUILDING FOR:



**KERN COUNTY
 SPECIAL WASTE
 FACILITY**

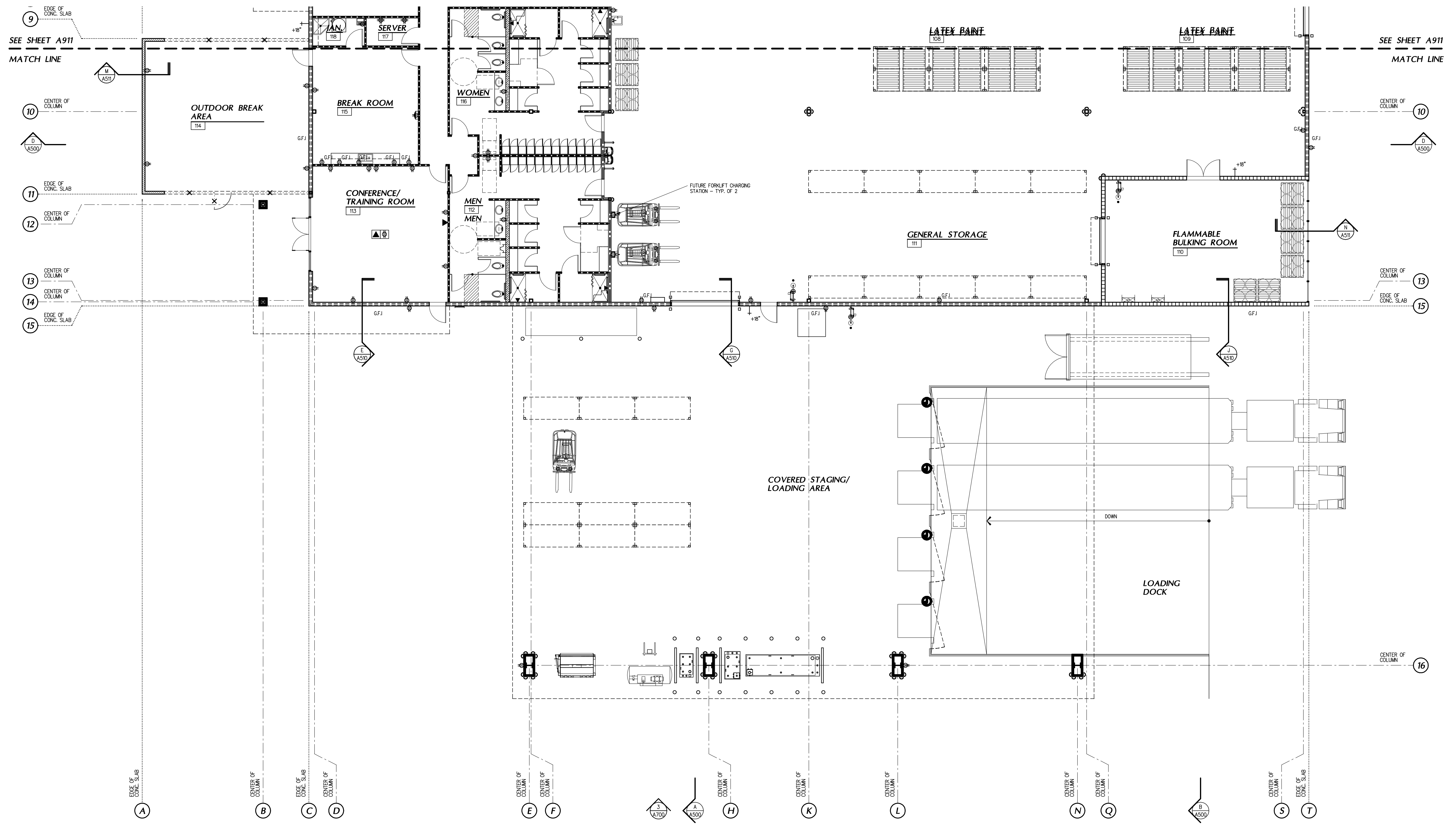
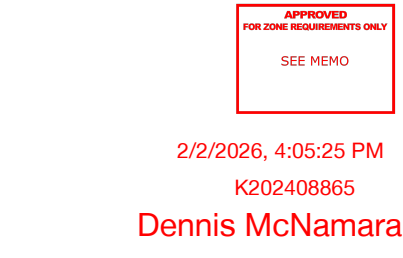
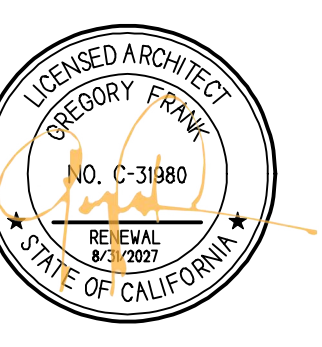
SEC OF DOWNING AVE
 & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT RESUBMITAL
9-16-2025	BUILDING DEPARTMENT RESUBMITAL
10-30-2025	BUILDING DEPARTMENT RESUBMITAL

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE

JOB 7005	
DP AC/2V	A911
PM GUF	

These drawings, related specifications, lists, designs and arrangements represent hereby and shall remain the property of the Architect and to not be used in any way or project other than the specific project which they have been prepared and developed without the written consent of the Architect. Visual contact with these drawings or specifications shall constitute conclusive acceptance of these restrictions.



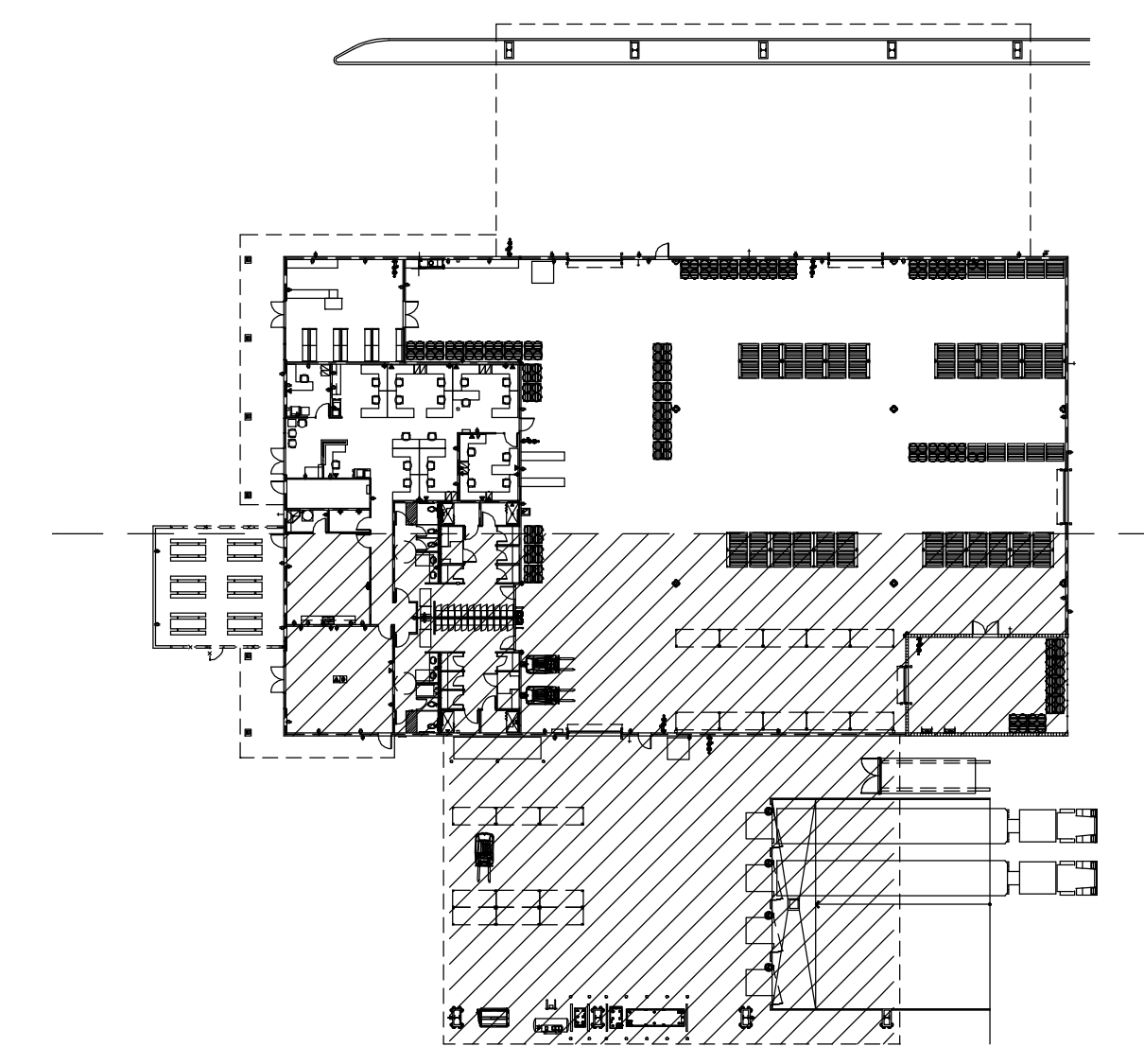
ENLARGED POWER & SIGNAL PLAN

1/8"

- POWER & SIGNAL NOTES**
- POWER AND SIGNAL LOCATIONS ON THIS PLAN ARE ONLY APPROXIMATE - AFTER WALLS ARE FRAMED G.C. SHALL WALK THROUGH JOB-SITE AND FIELD VERIFY EXACT LOCATIONS OF ALL POWER AND SIGNAL JUNCTION BOXES.
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 - PRIOR TO CORE DRILLING OR SAW CUTTING THRU FLOOR SLAB VERIFY ALL FLOOR BEAM AND UTILITY LOCATIONS BELOW.
 - ALL COFER, DISHWASHER, REFRIGERATOR, AND MICROWAVE OUTLETS SHALL BE ON DEDICATED CIRCUITS.
 - DEDICATED CIRCUITS ARE NOT SHOWN ON THIS PLAN - VERIFY ANY SPECIAL CIRCUIT REQUIREMENTS AND LOCATIONS WITH OWNER.
 - ALL LIGHTING CONTROLS & RECEPTACLES SHALL BE MOUNTED BY MIN. AFF & 48" MAX AFF. - SEE DETAILS 23/A02 & 24/A02 FOR REQUIRED REACH RANGES.

- POWER & SIGNAL LEGEND**
- NEW**
- ▲ DATA & PHONE JACK
 - ⊕ DUPLEX RECEPTACLE
 - ⊕ FOUR-PLEX RECEPTACLE
 - ⊕ FLOOR BOX w/ POWER
 - ⊕ FLOOR BOX w/ PHONE & DATA
 - ⊕ HOSE BEB

RECEPTACLE MOUNTING HEIGHT NOTE HAS BEEN ADDED



KEY PLAN

N.S.

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

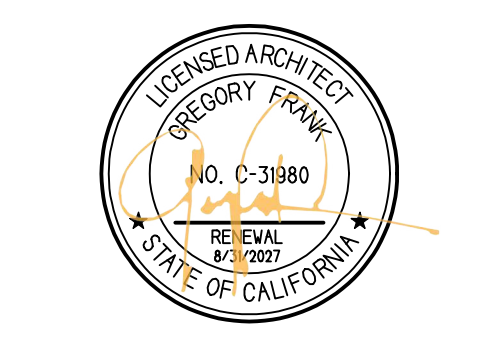
SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT RESUBMITTAL
9-16-2025	BUILDING DEPARTMENT RESUBMITTAL
10-30-2025	BUILDING DEPARTMENT RESUBMITTAL

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE

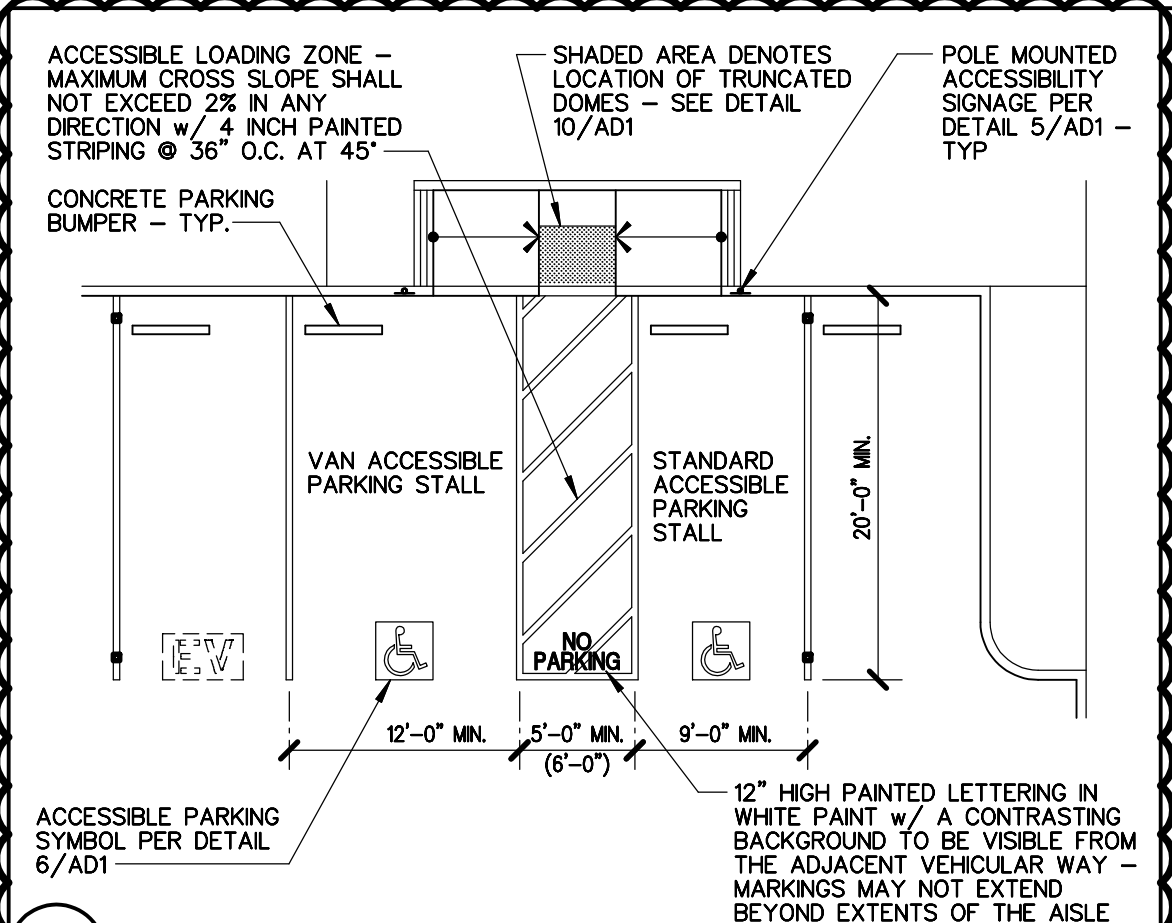
JOB 7005	
DP AC/JV	A912
PM GJF	

These drawings, related specifications, lists, designs and programs represent the work of the architect and shall remain the property of the architect and to be used only for the project and site for which they were prepared and shall not be used in connection with any other project or site without the written consent of the architect. Visual contact with these drawings or specifications shall constitute an acknowledgment of their contents.

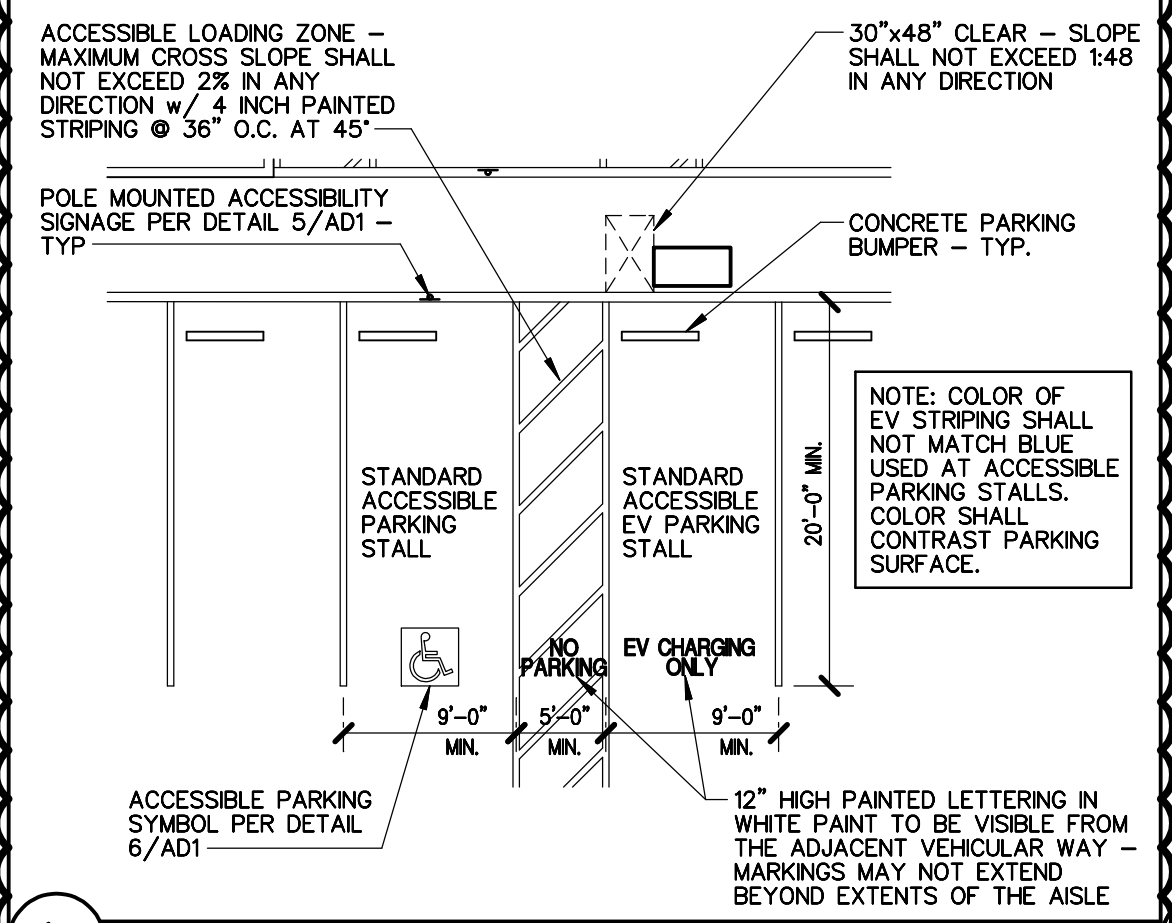


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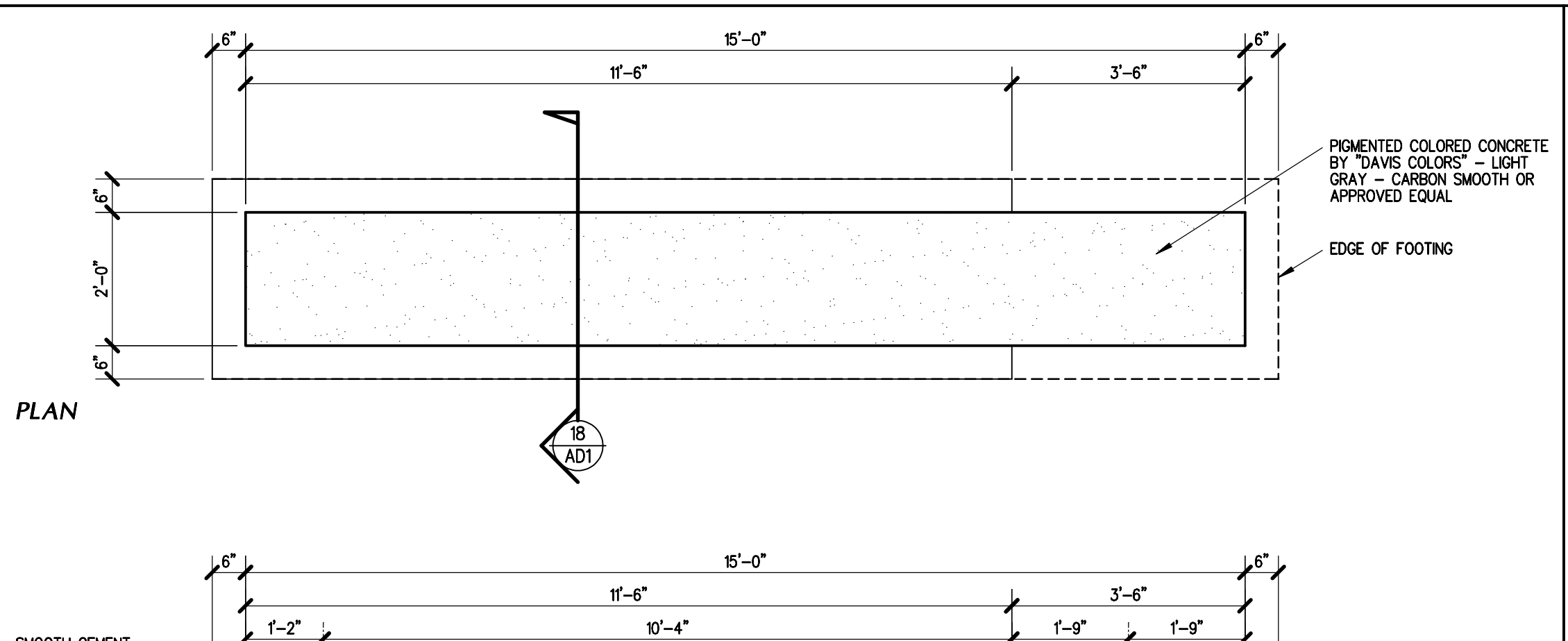
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 2. EV CHARGER CLEAR SPACE HAS BEEN ADDED



18 ENLARGED SITE PLAN 10'



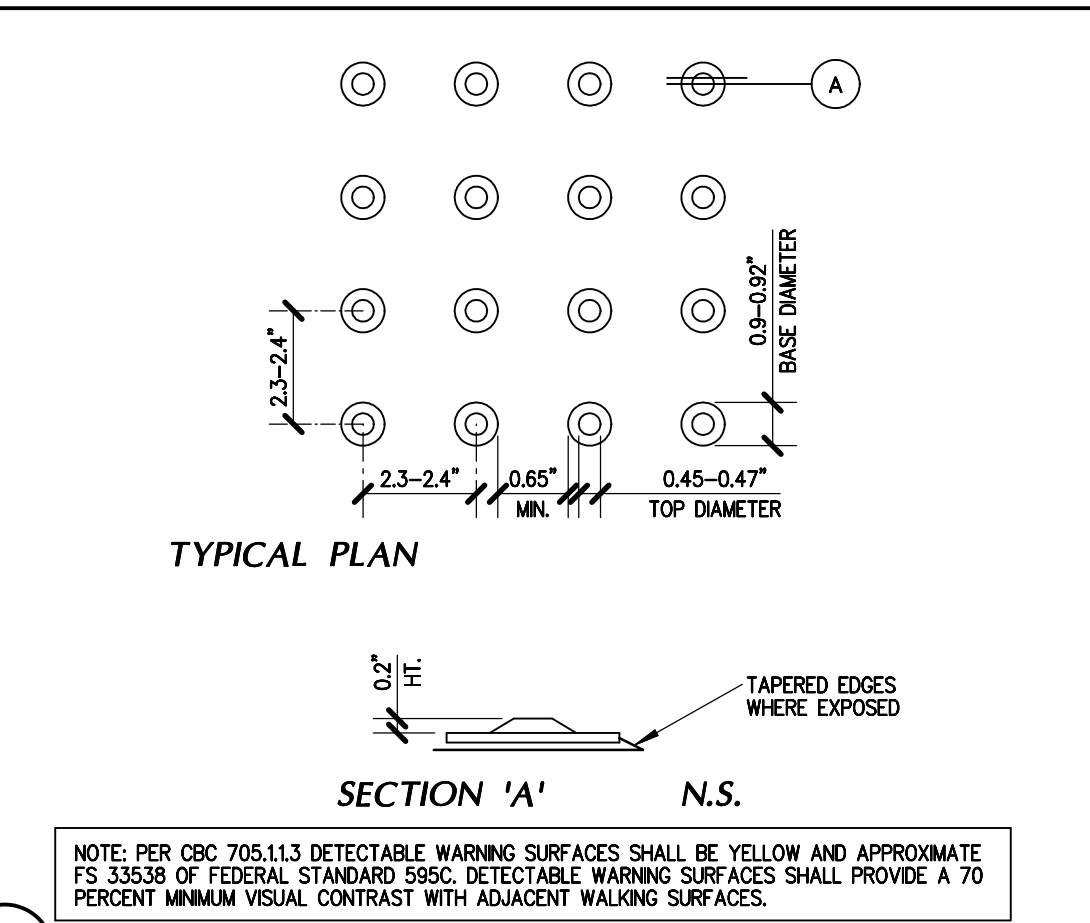
19 ENLARGED SITE PLAN 10'



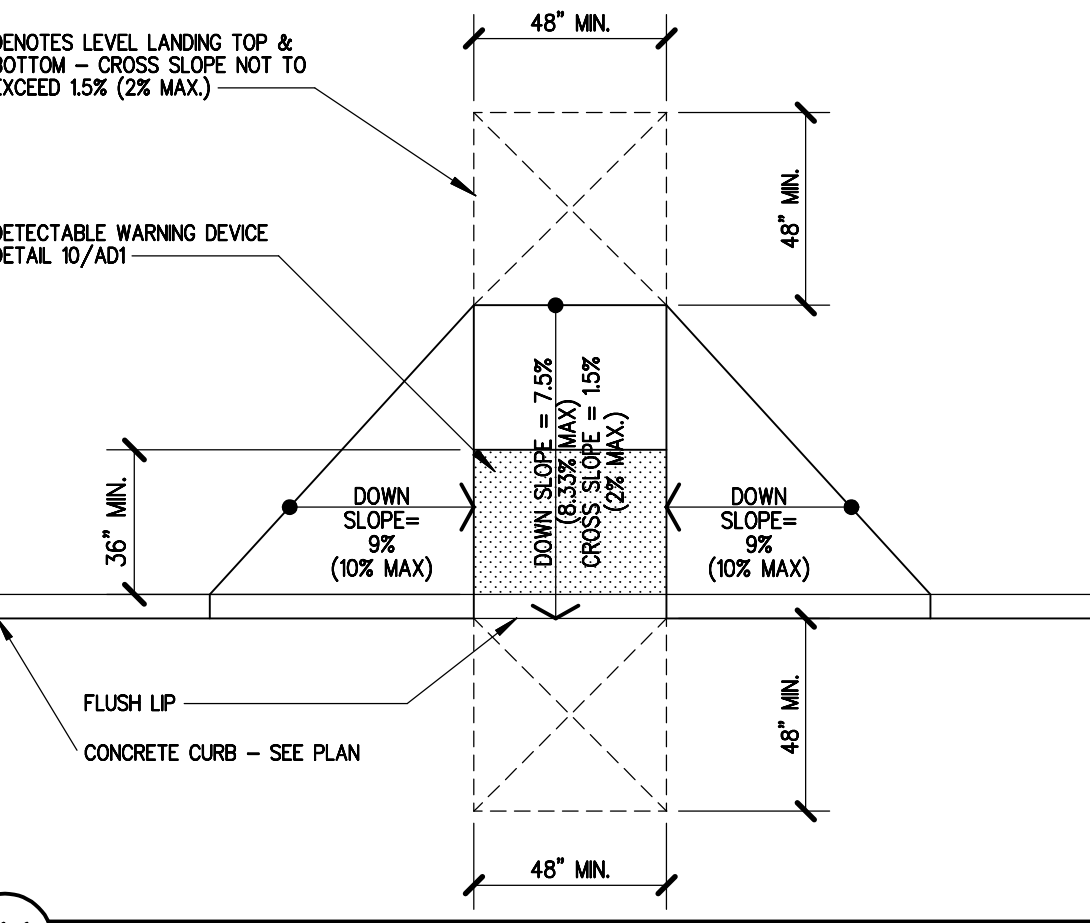
10 TRUNCATED DOMES 3"



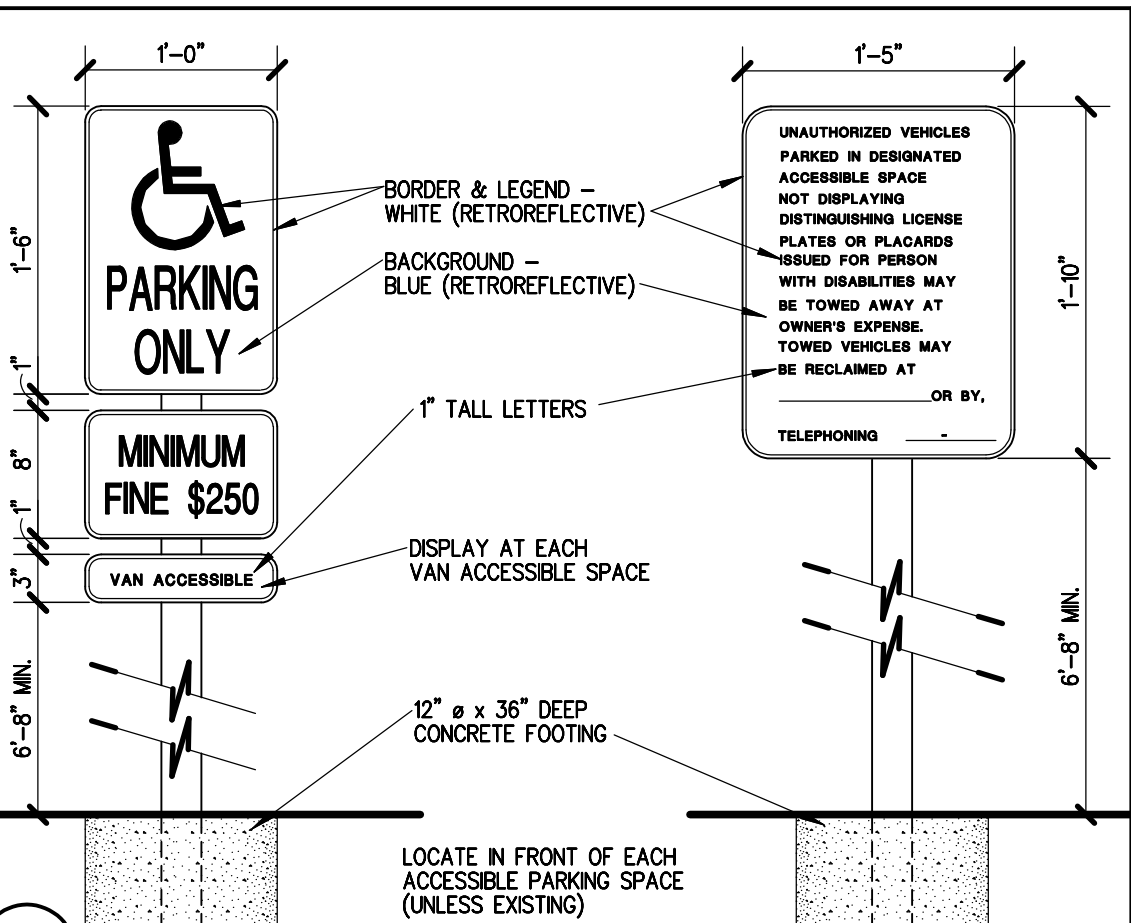
14 MONUMENT SIGN 1/2"



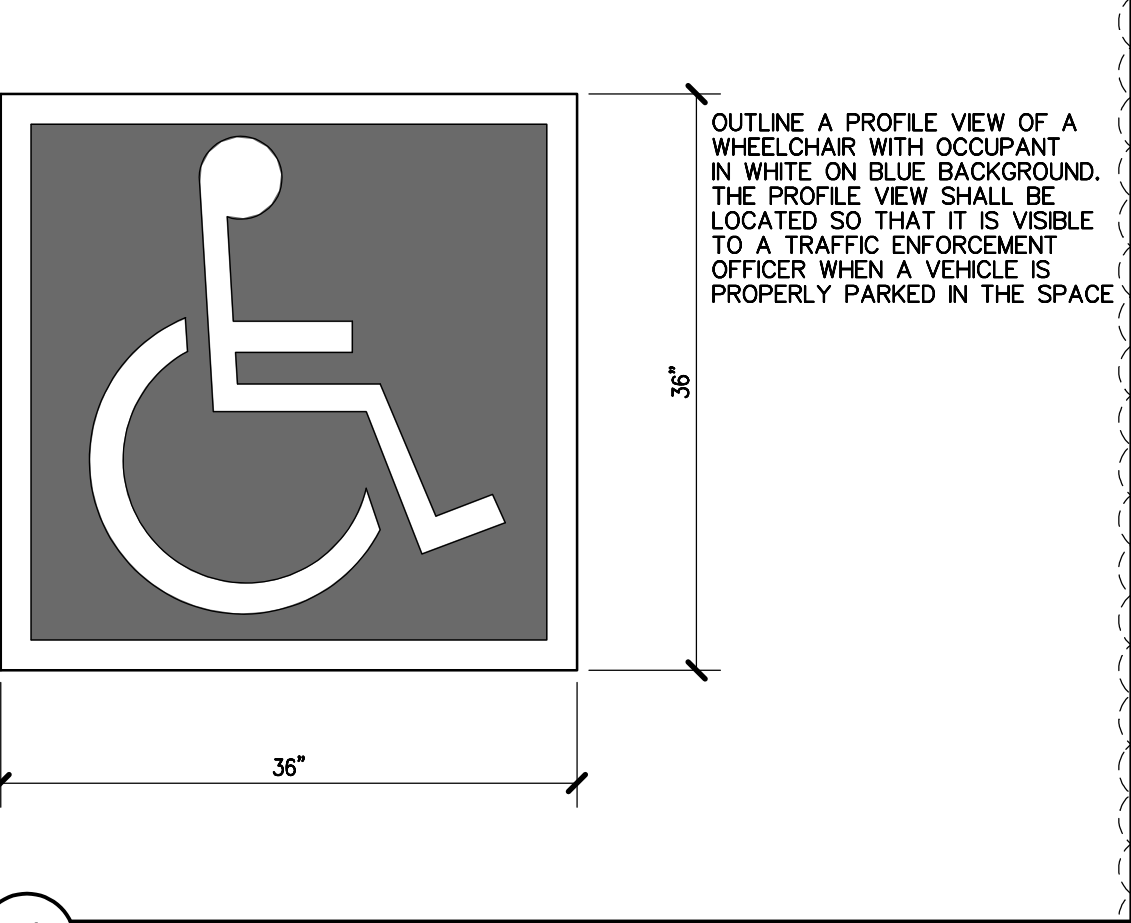
11 CURB RAMP 1/4"



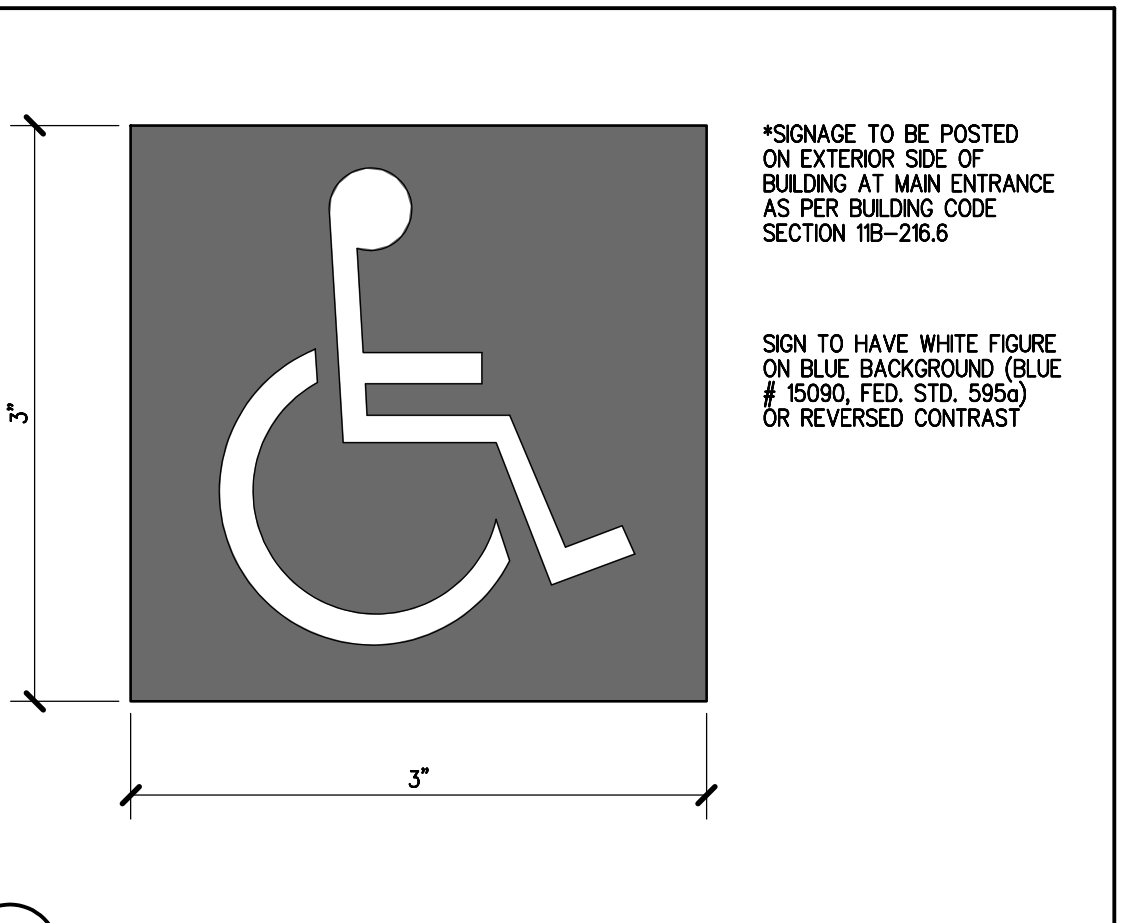
12 CURB RAMP 1/4"



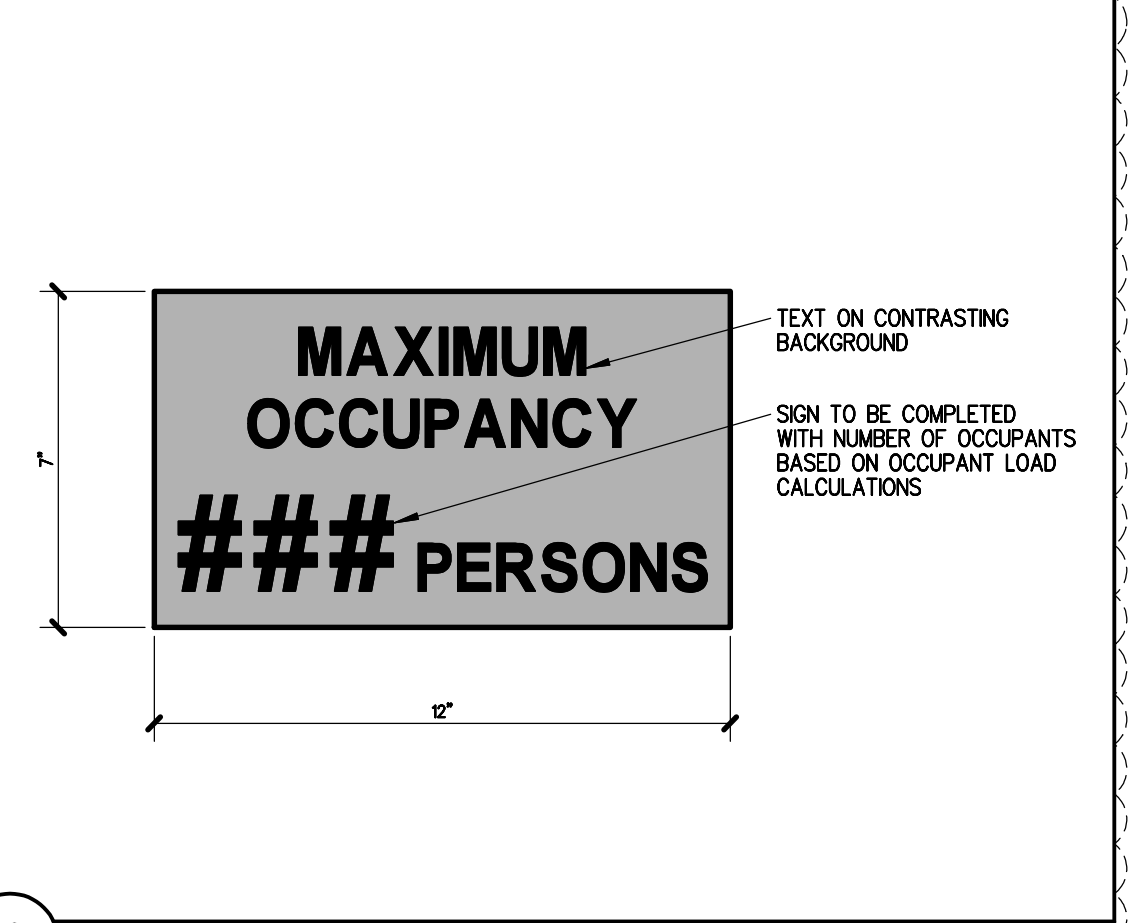
5 ACCESSIBLE PARKING SIGNAGE 1"



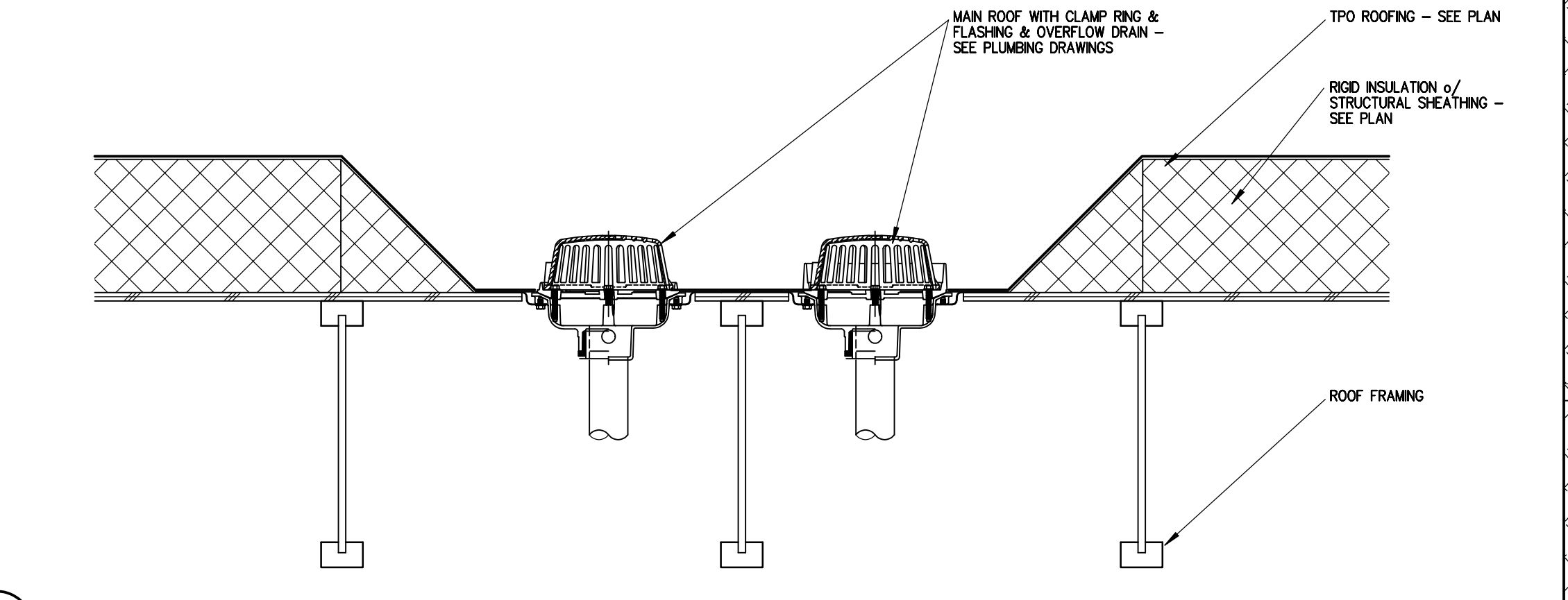
6 SURFACE PAINTED ACCESSIBLE PARKING SIGNAGE 1"



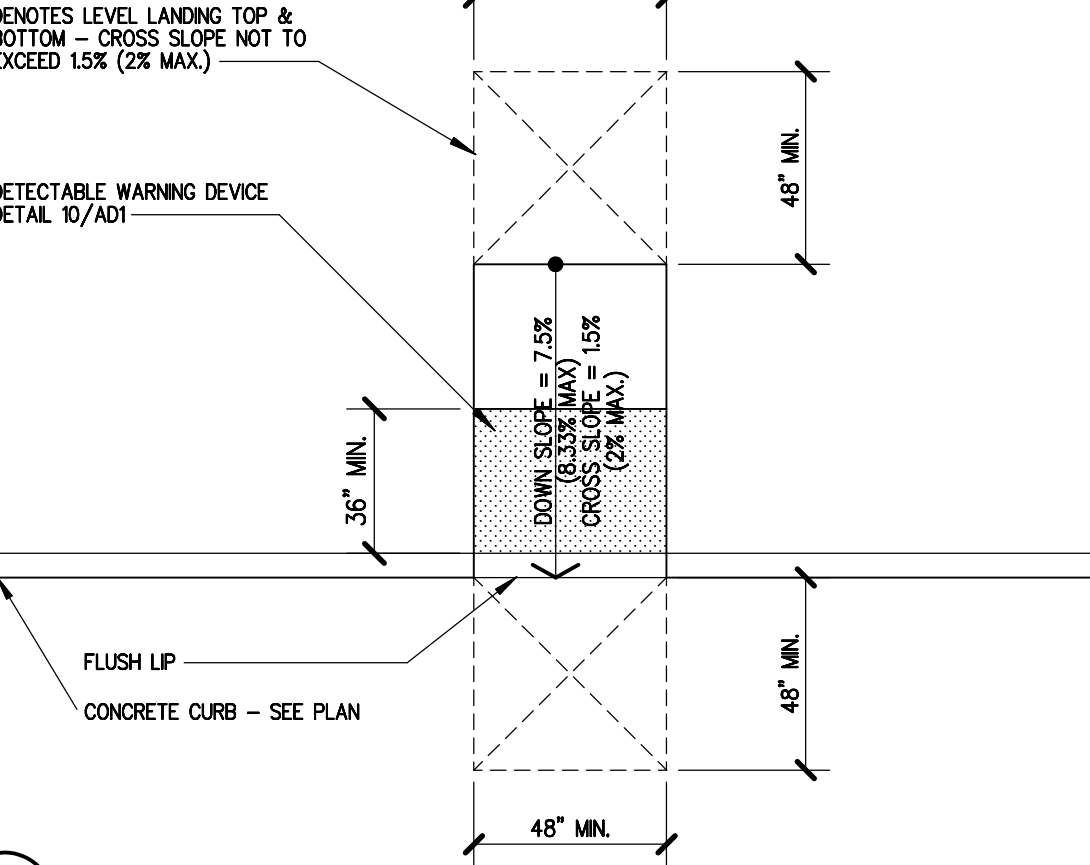
1 INTERNATIONAL SYMBOL OF ACCESSIBILITY 3"



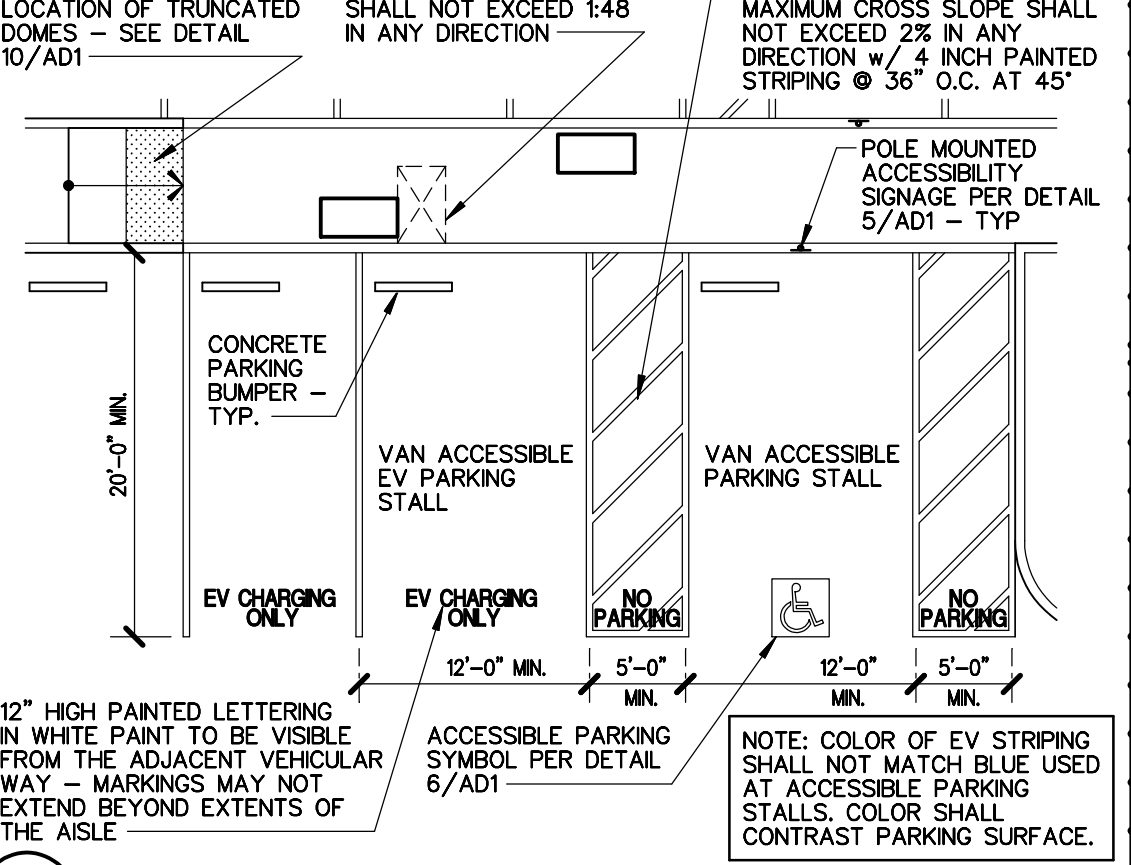
2 OCCUPANT LOAD SIGNAGE 3"



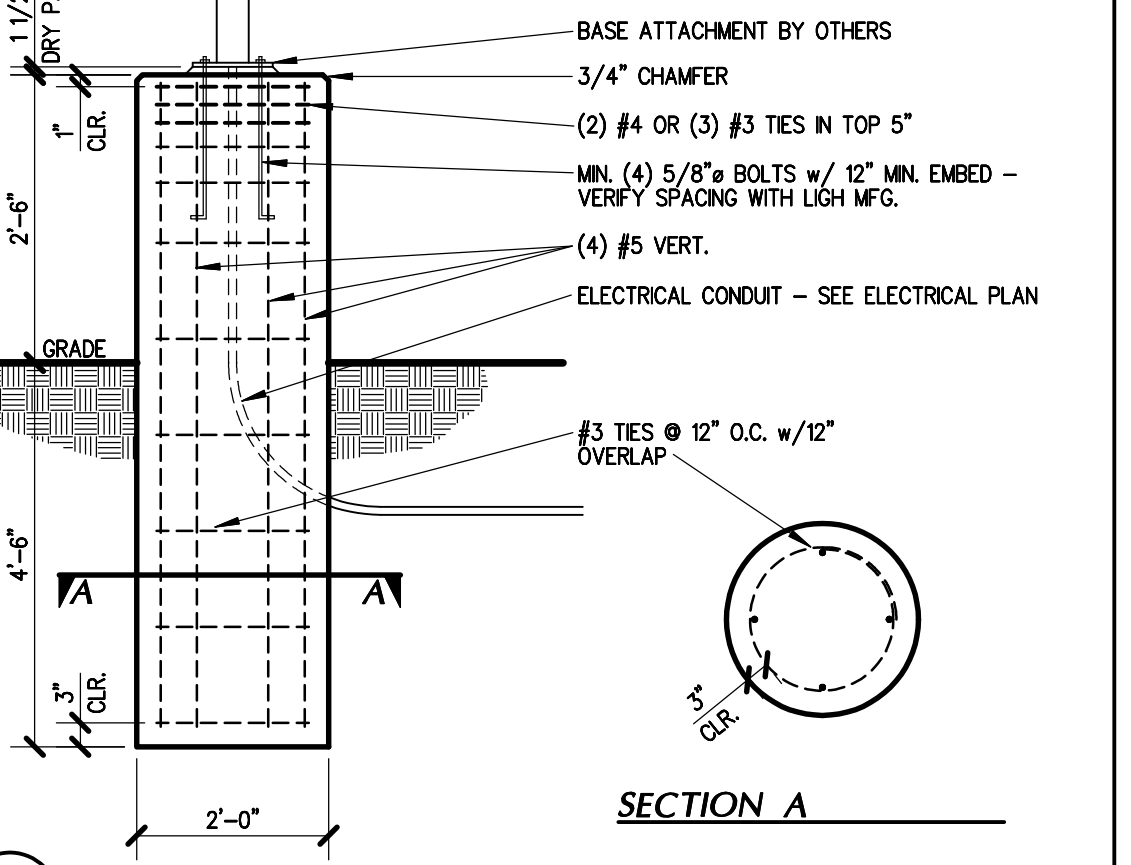
15 ROOF DRAIN PARALLEL TO TJI 1 1/2"



12 CURB RAMP 1/4"



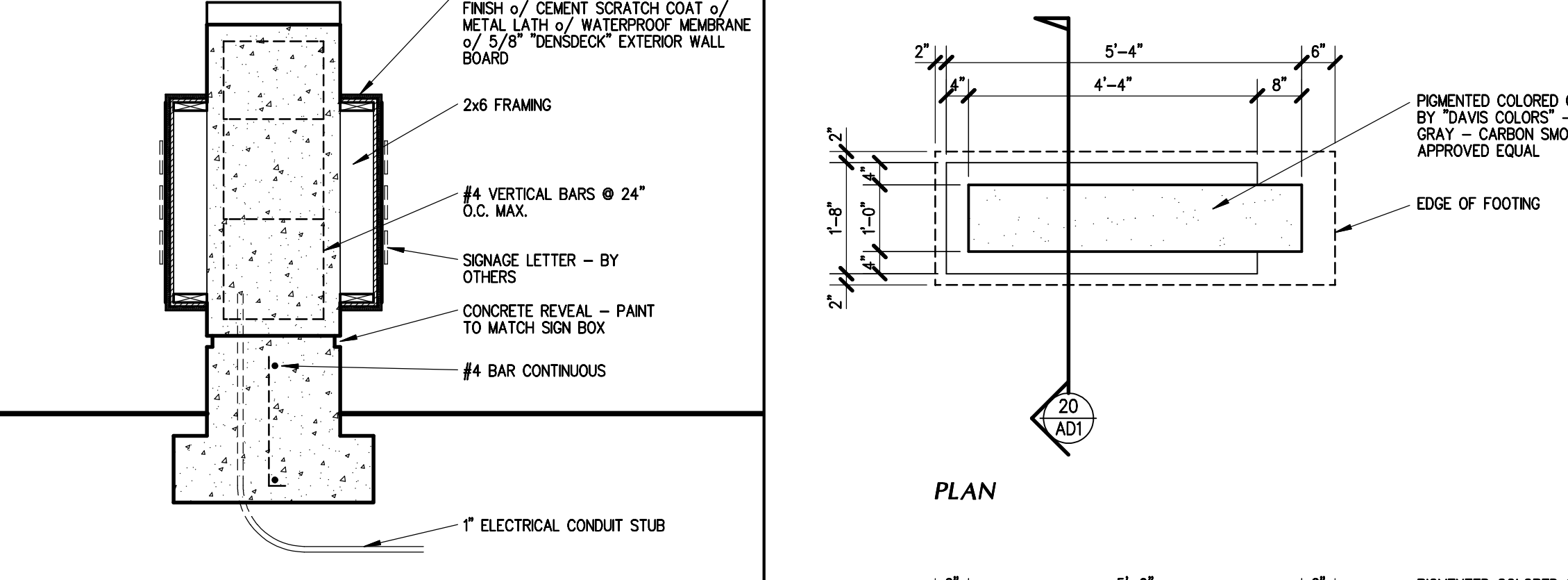
7 ENLARGED SITE PLAN 10'



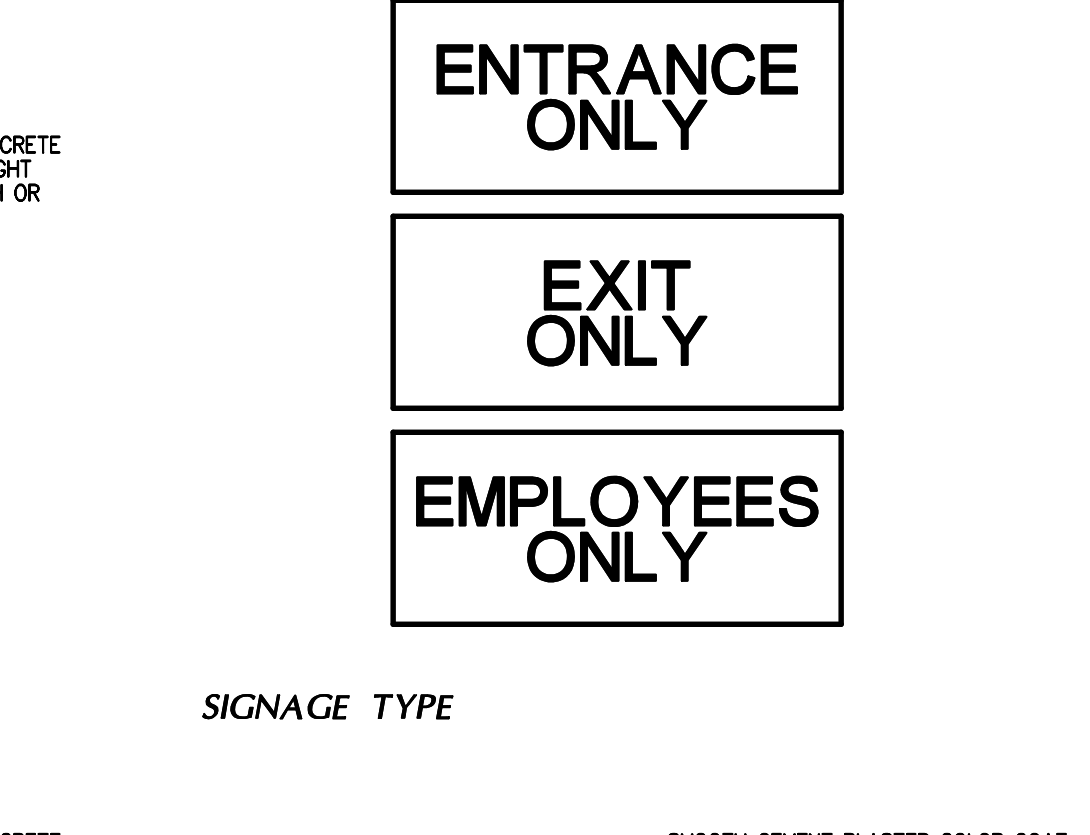
3 LIGHT POLE FOUNDATION 1/2"



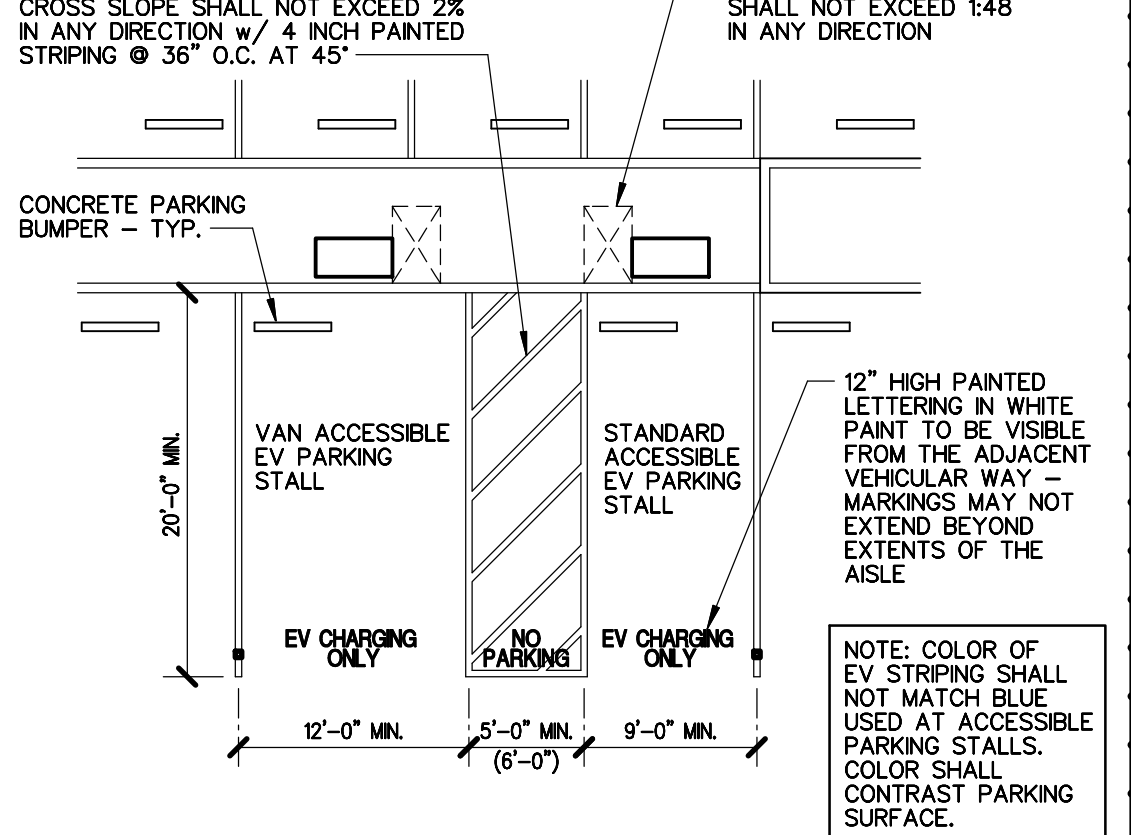
21 MONUMENT SIGN SECTION 1/2"



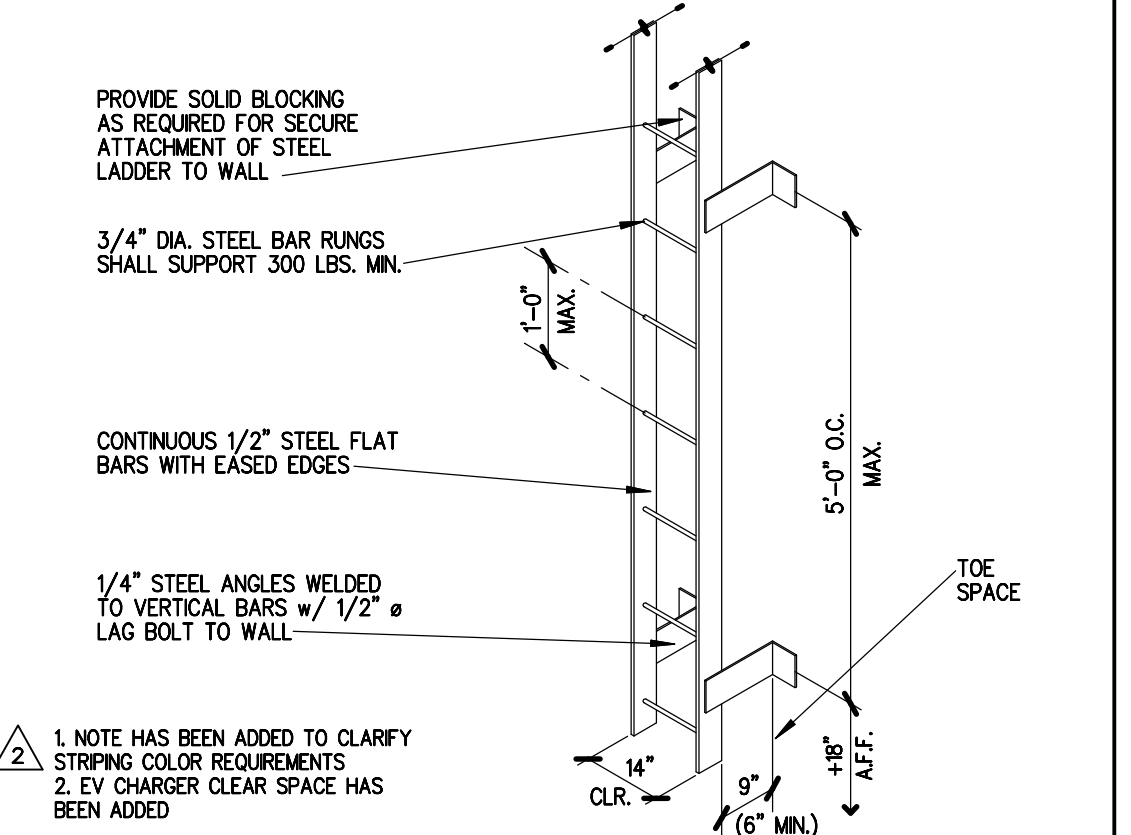
16 MONUMENT SIGN SECTION 1/2"



17 ELECTRICAL PANEL CLEARANCE 3/4"



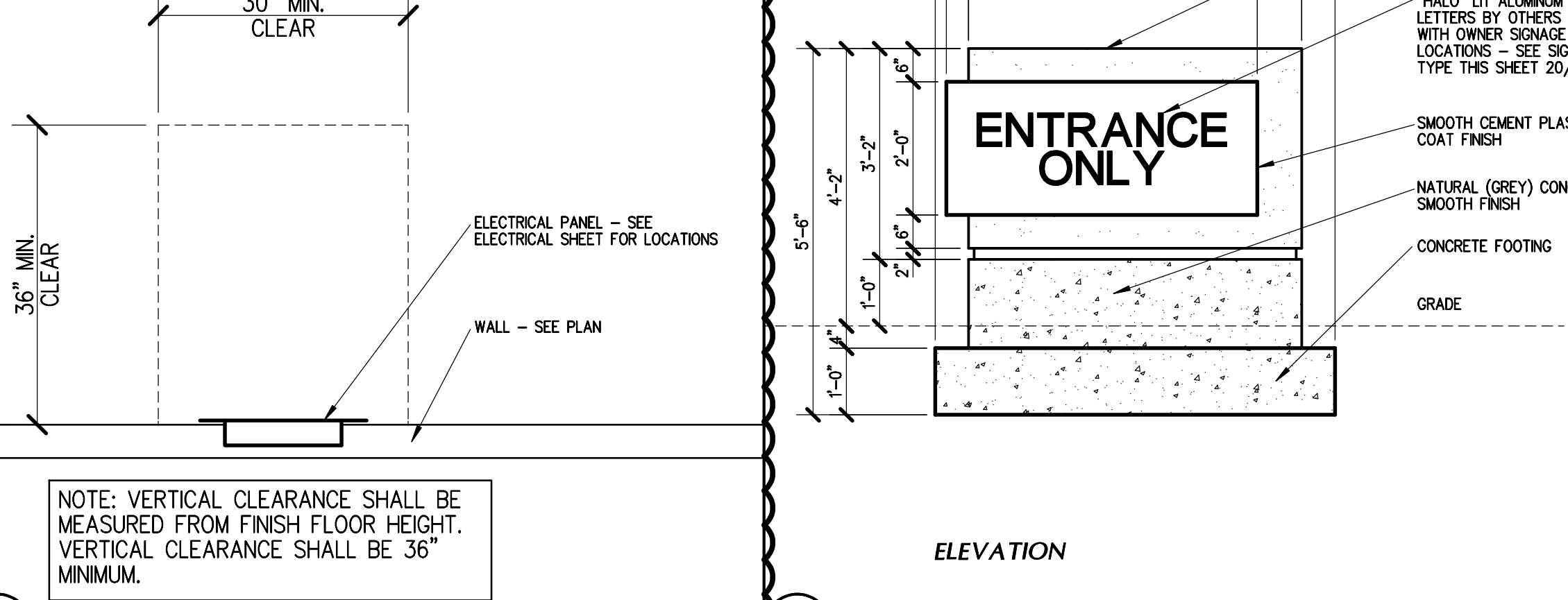
8 ENLARGED SITE PLAN 10'



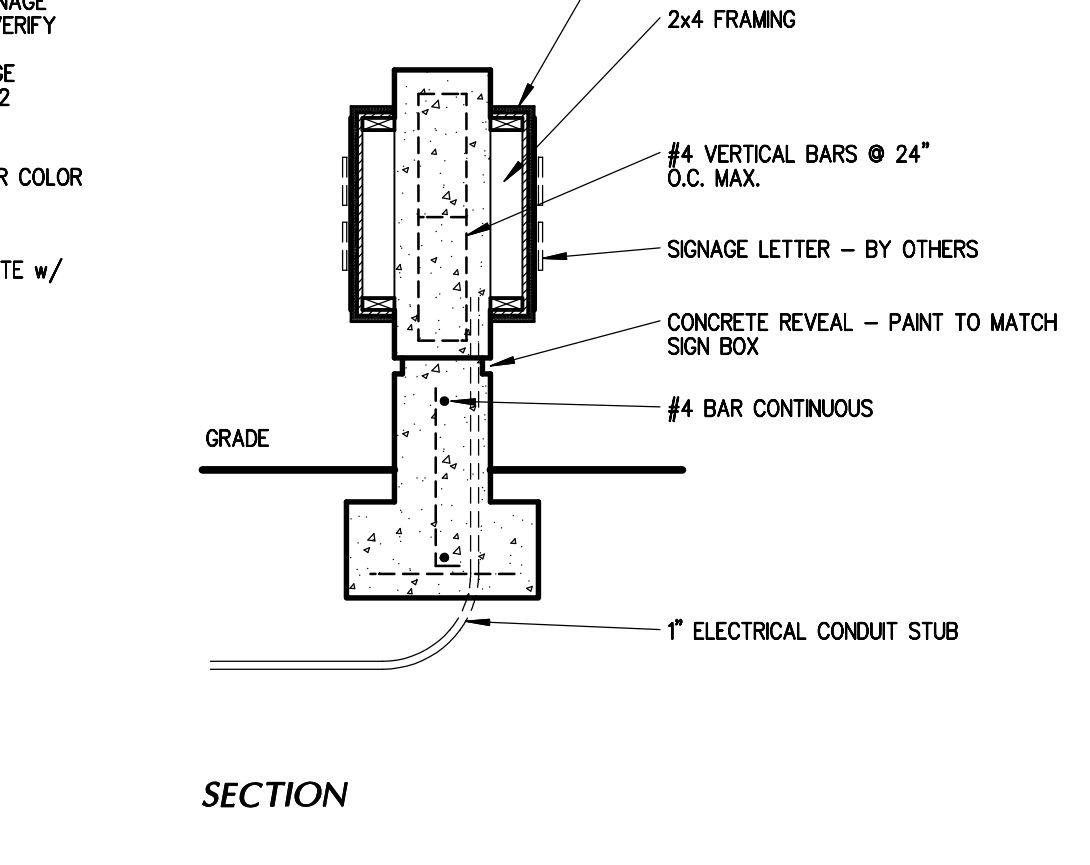
4 ROOF ACCESS LADDER N.S.



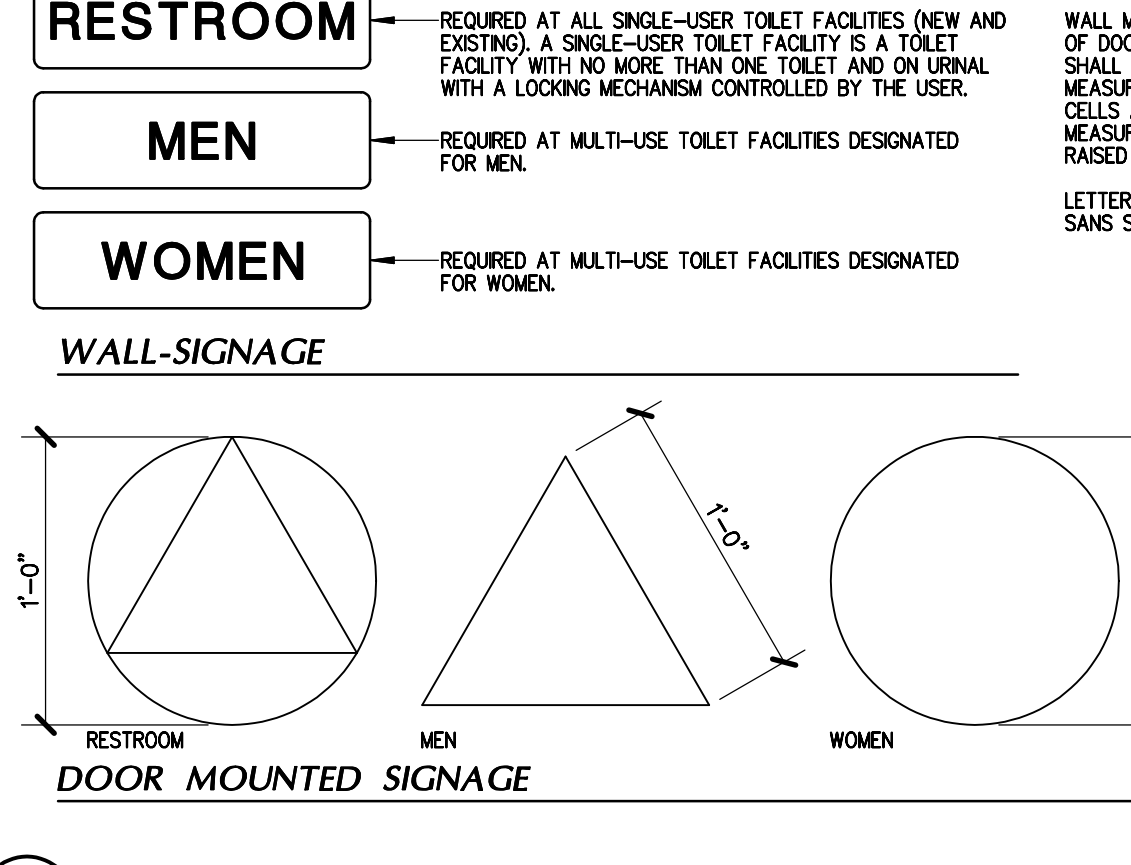
22 ELECTRICAL PANEL CLEARANCE 3/4"



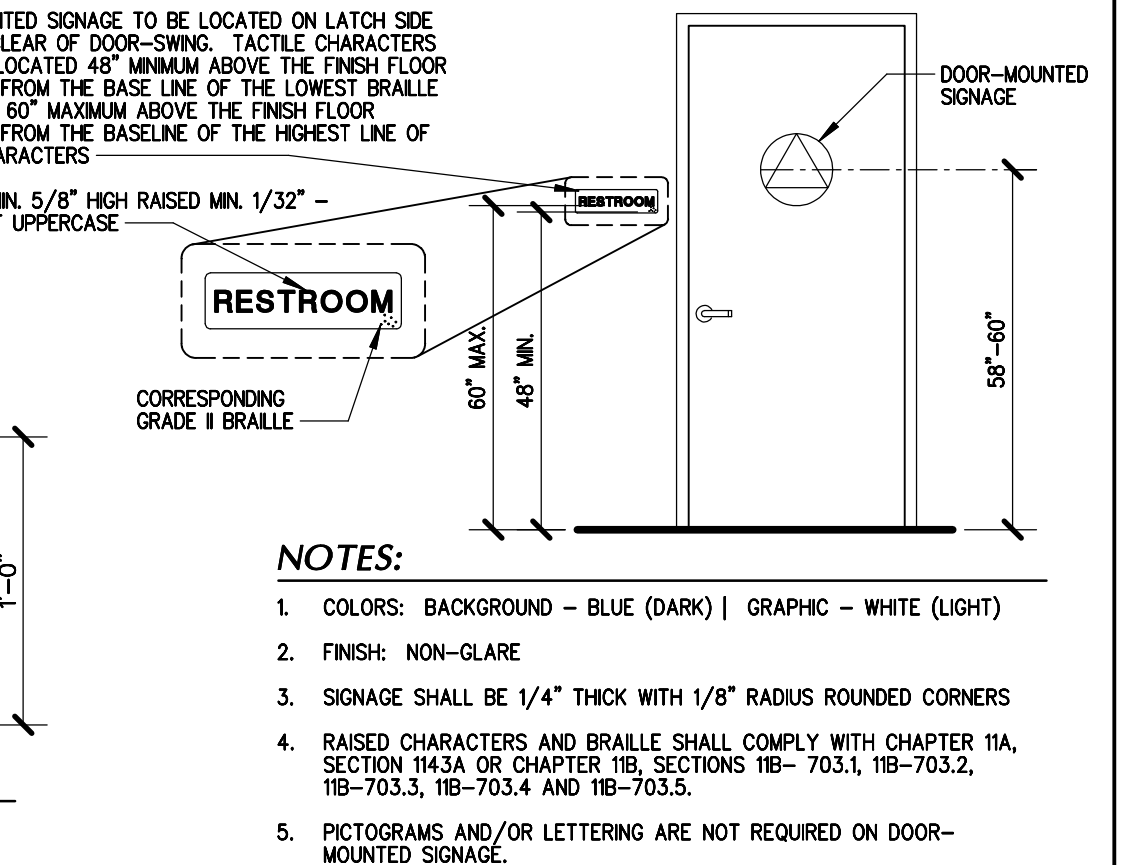
17 MONUMENT SIGN 1/2"



13 MONUMENT SIGN 1/2"



9 IDENTIFICATION SYMBOLS FOR SANITARY FACILITIES N.S.



4 ROOF ACCESS LADDER N.S.

1. NOTE HAS BEEN ADDED TO CLARIFY STRIPING COLOR REQUIREMENTS
 2. EV CHARGER CLEAR SPACE HAS BEEN ADDED

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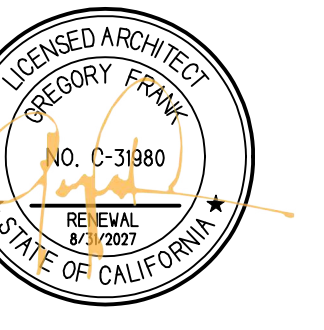


A NEW BUILDING FOR:
KERN COUNTY PUBLIC WORKS
 KERN COUNTY SPECIAL WASTE FACILITY
 SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
12-5-2024	BUILDING DEPARTMENT SUBMITTAL
5-27-2025	BUILDING DEPARTMENT SUBMITTAL
9-16-2025	BUILDING DEPARTMENT SUBMITTAL

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE

JOB 7005
 DP AC/JV
 PM GJF
AD1



10/3/2025, 1:47:46 PM
K202408865
Mackenzie Flowers



11/12/2025, 8:56:10 AM



2/2/2026, 4:05:25 PM
K202408865
Dennis McNamara

A NEW BUILDING FOR:



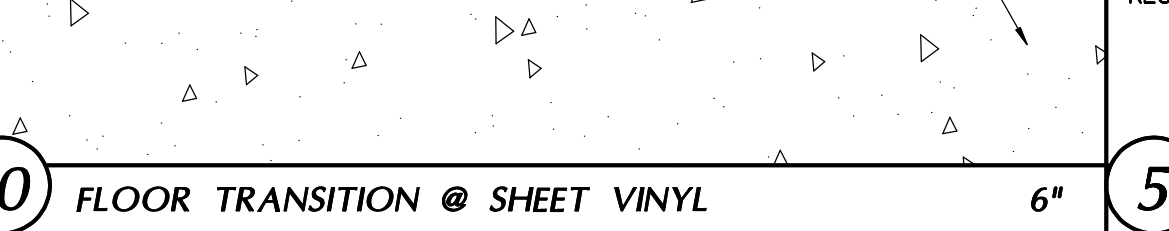
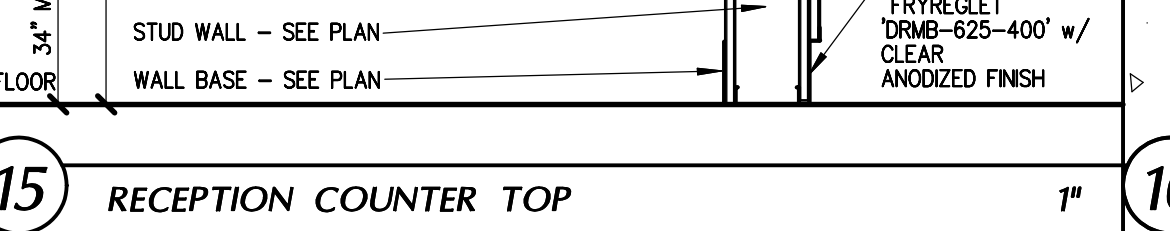
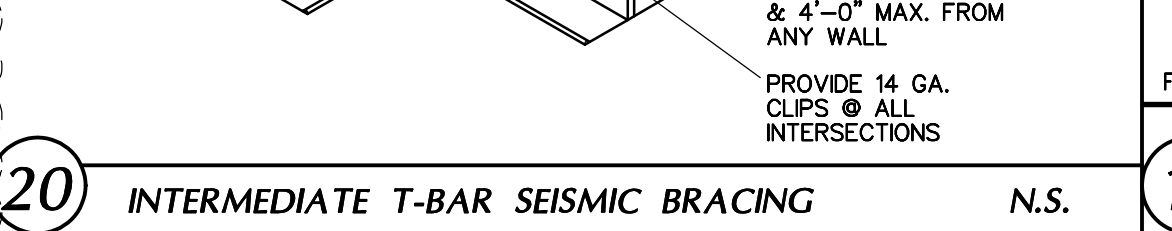
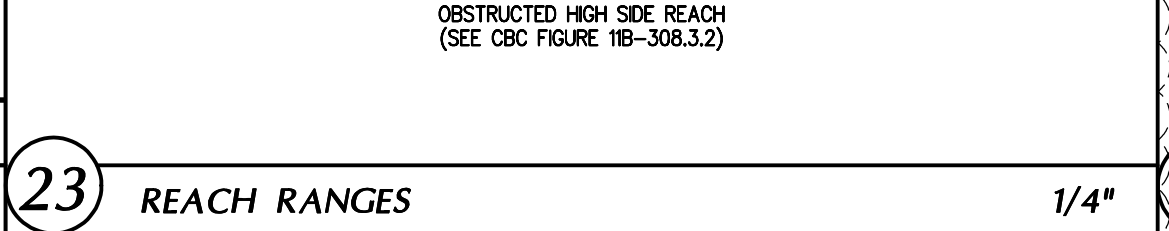
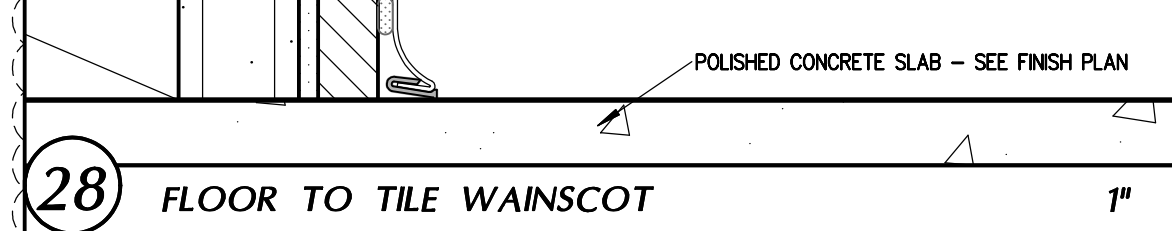
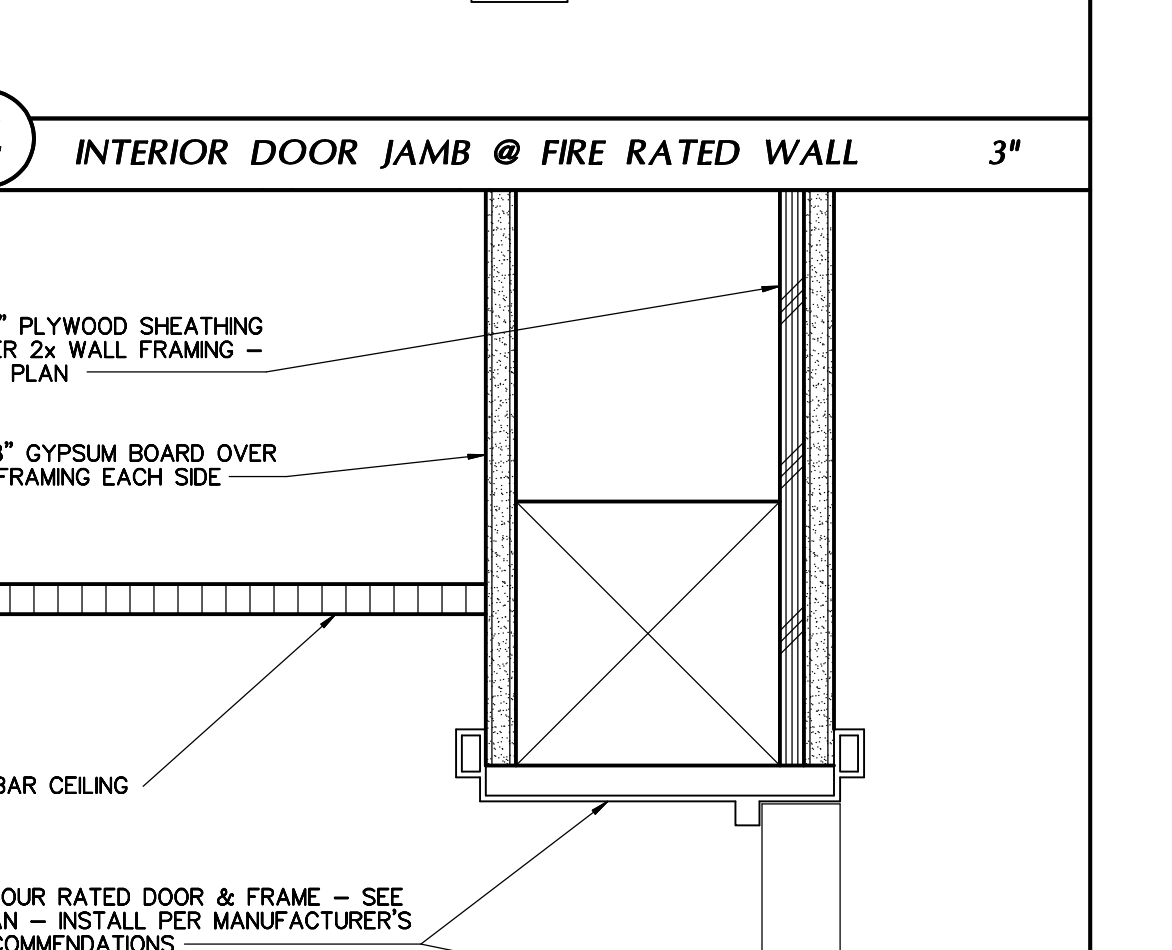
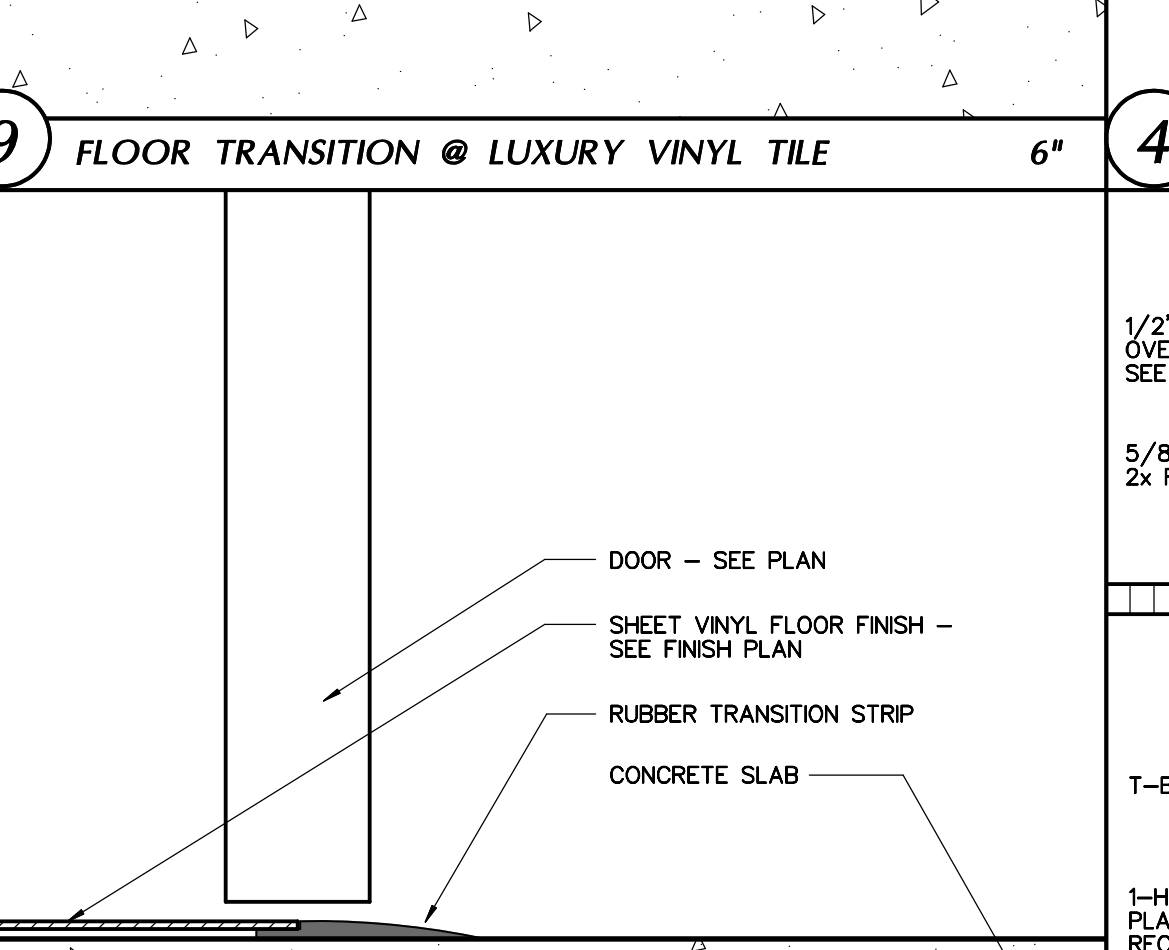
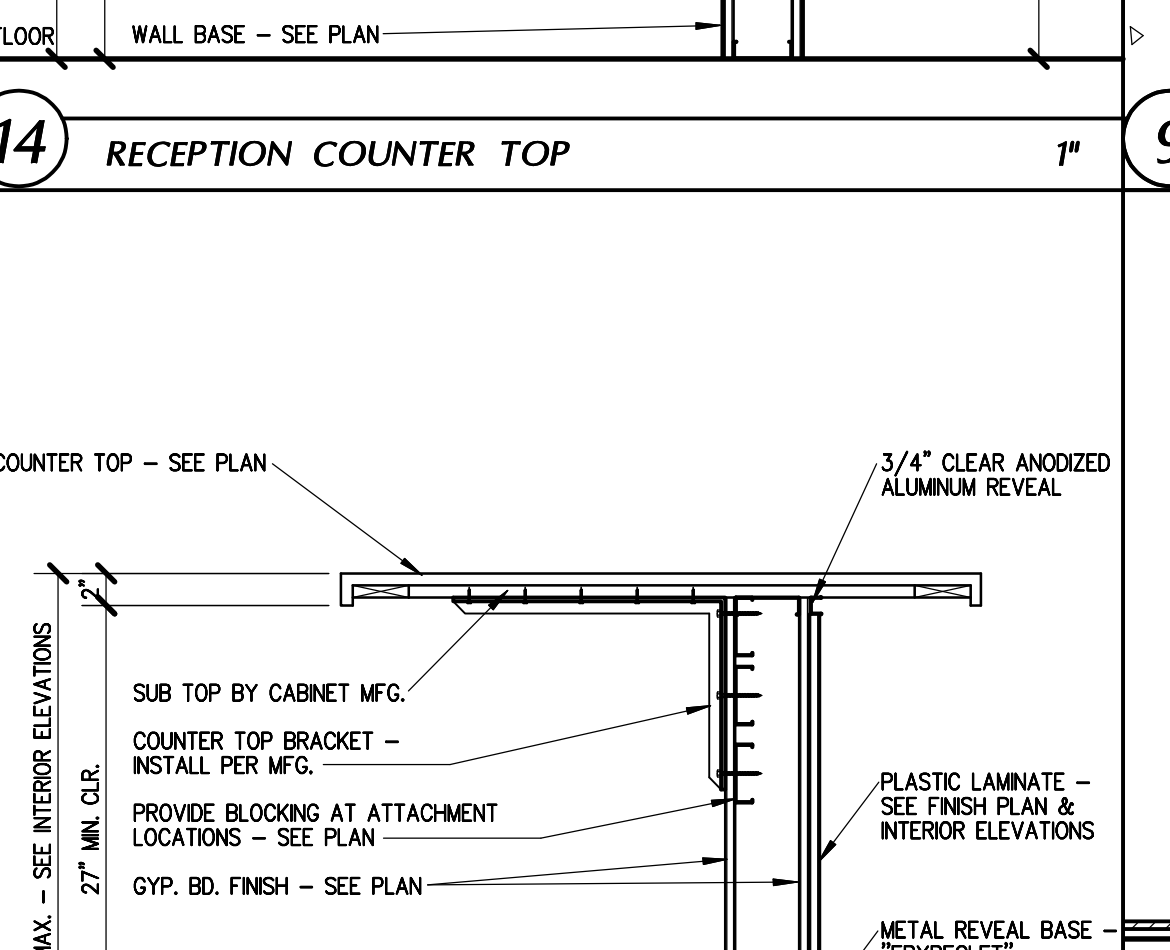
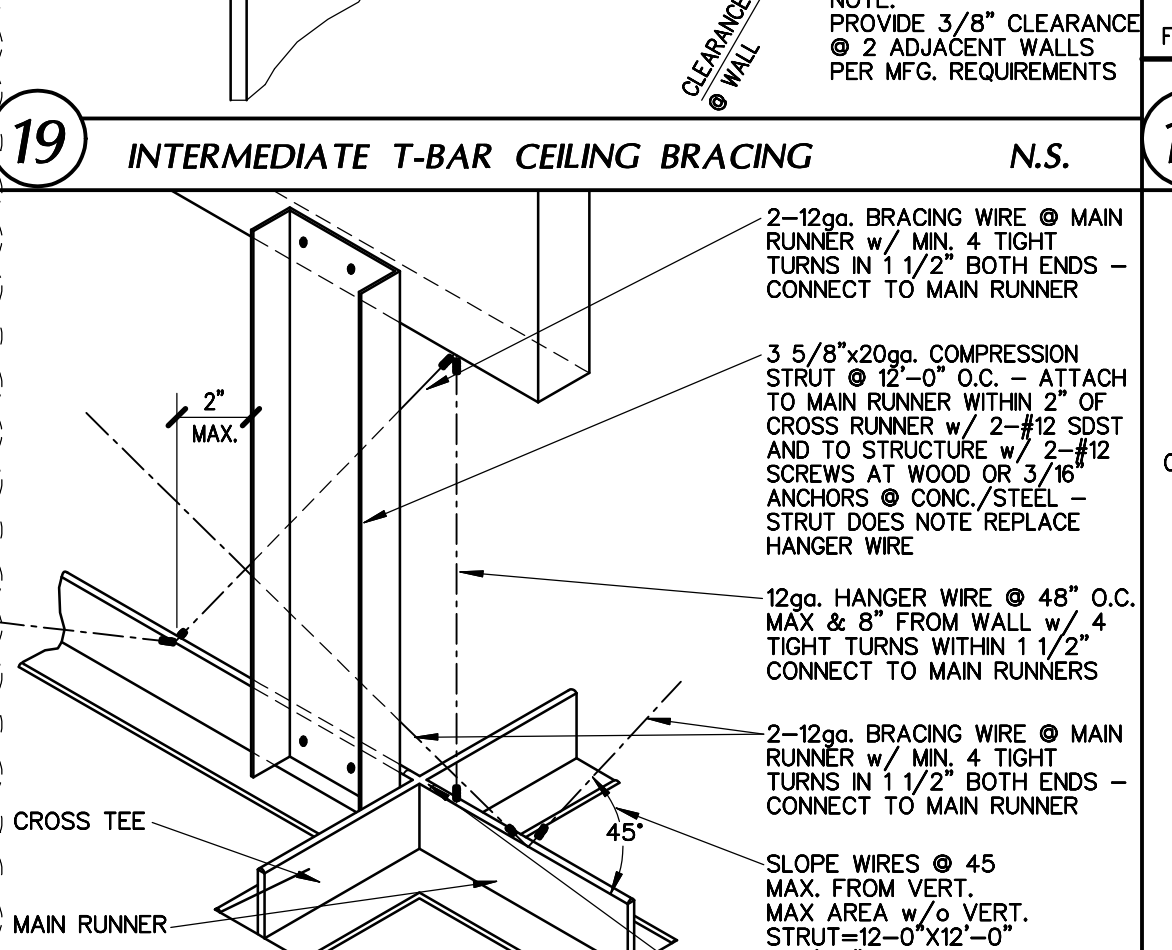
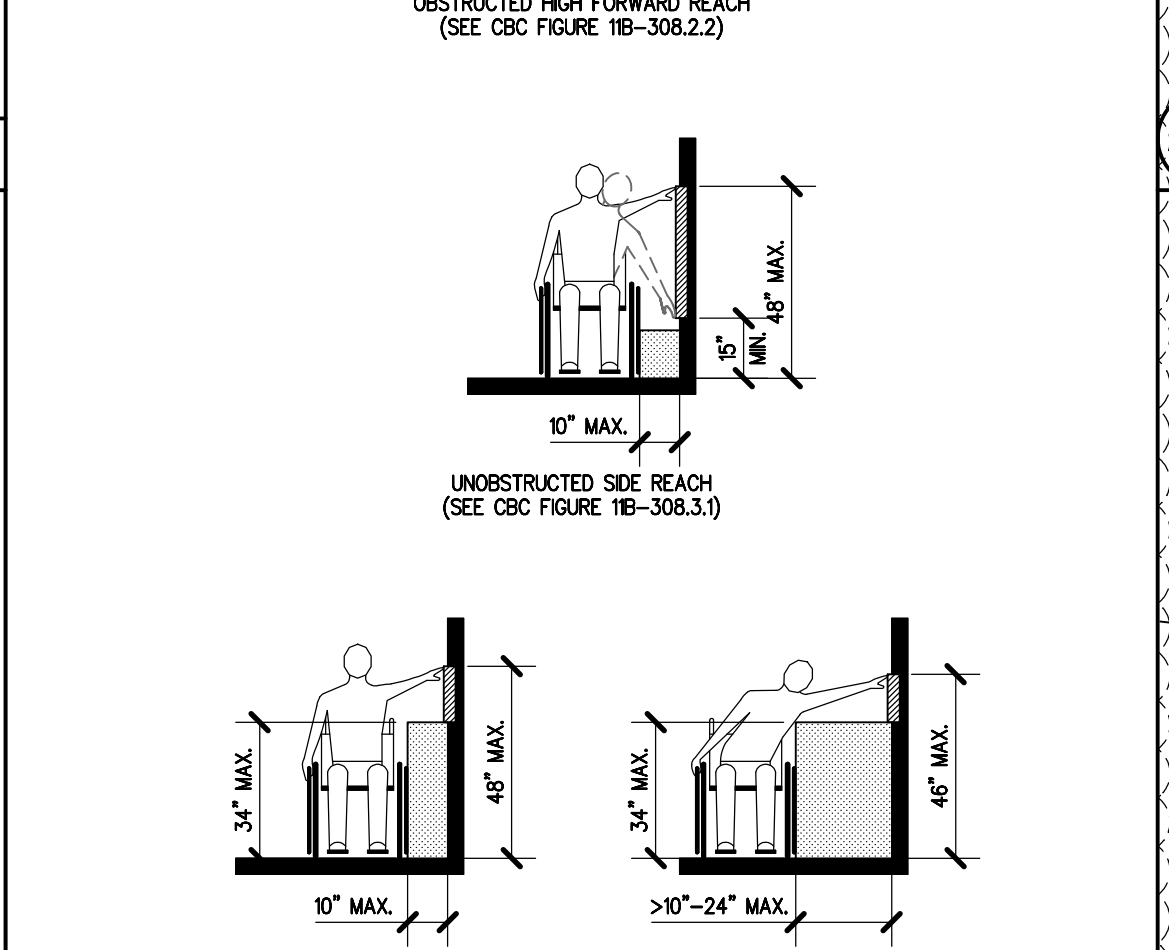
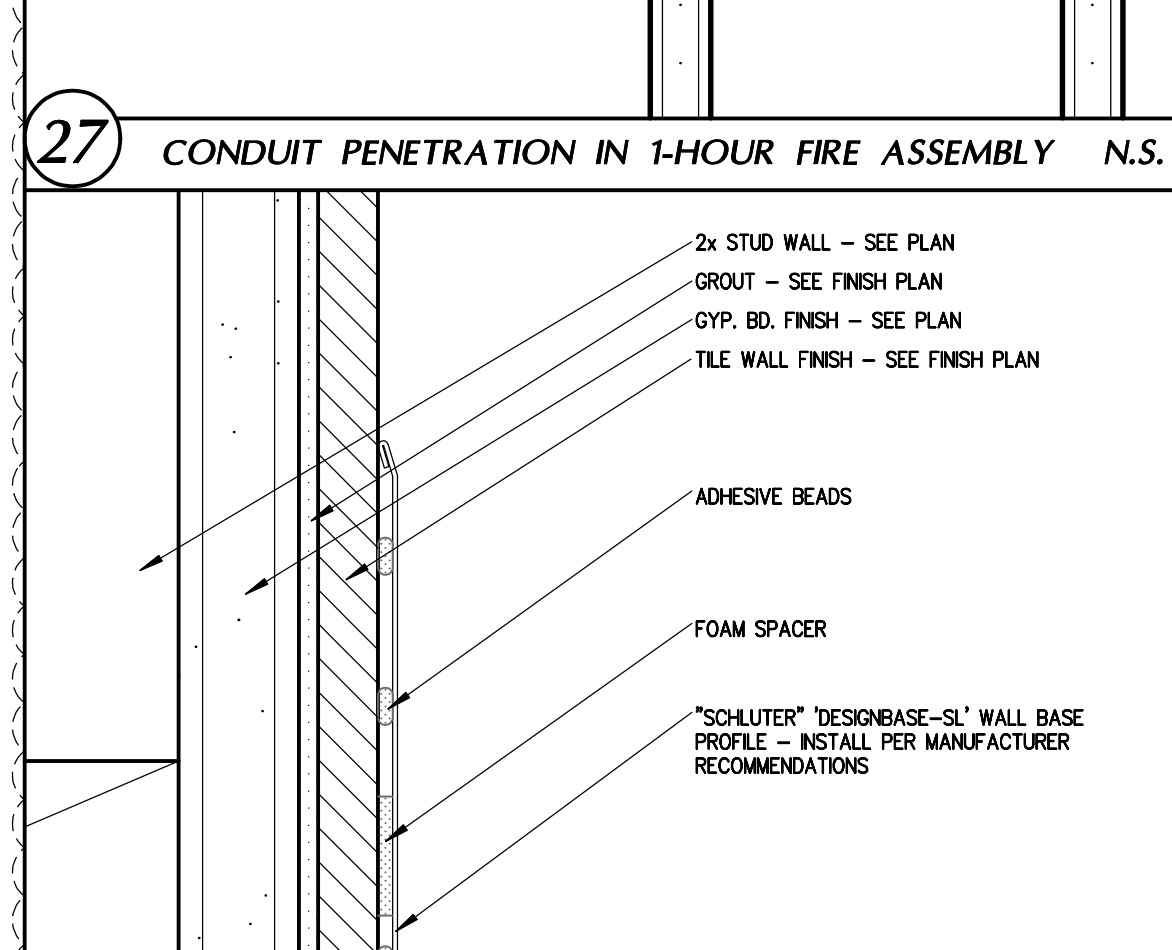
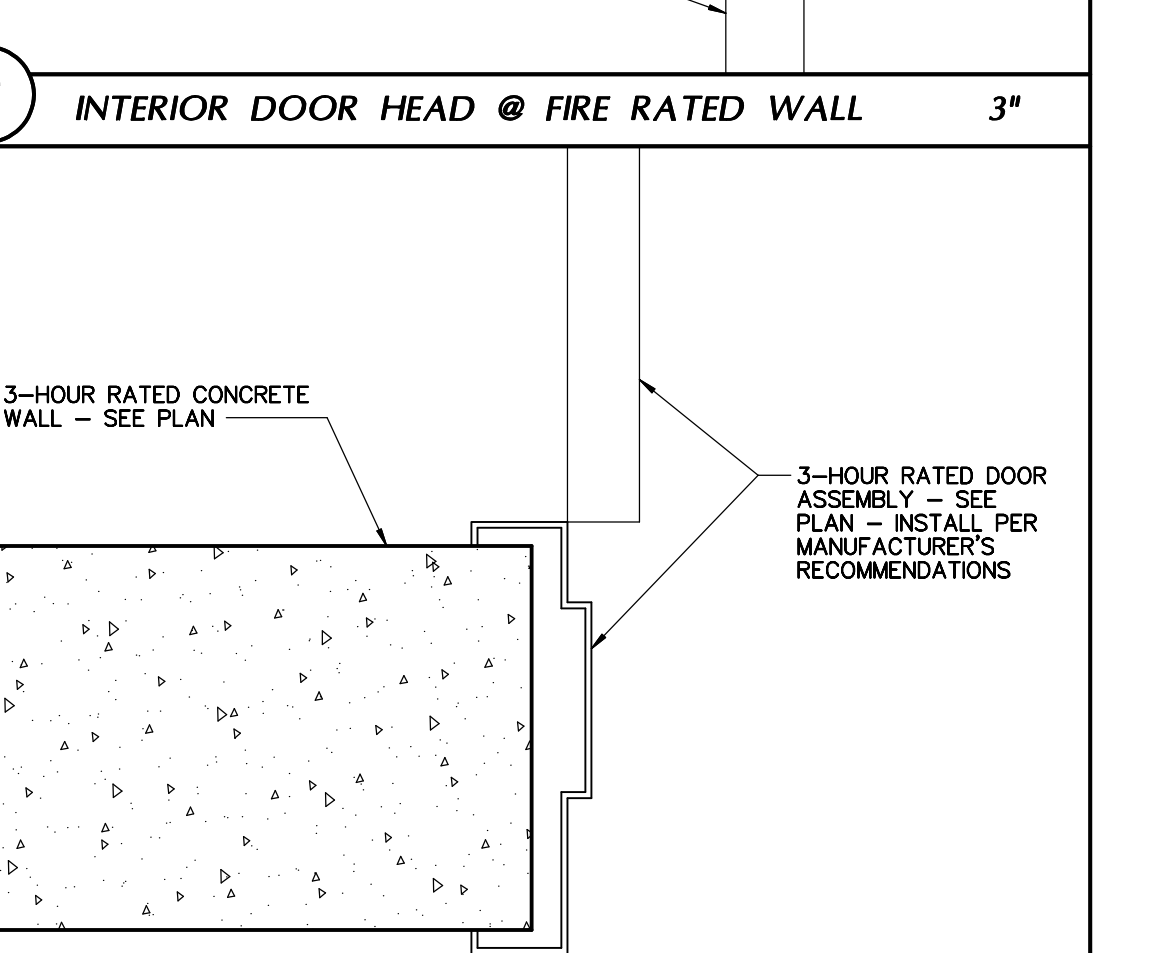
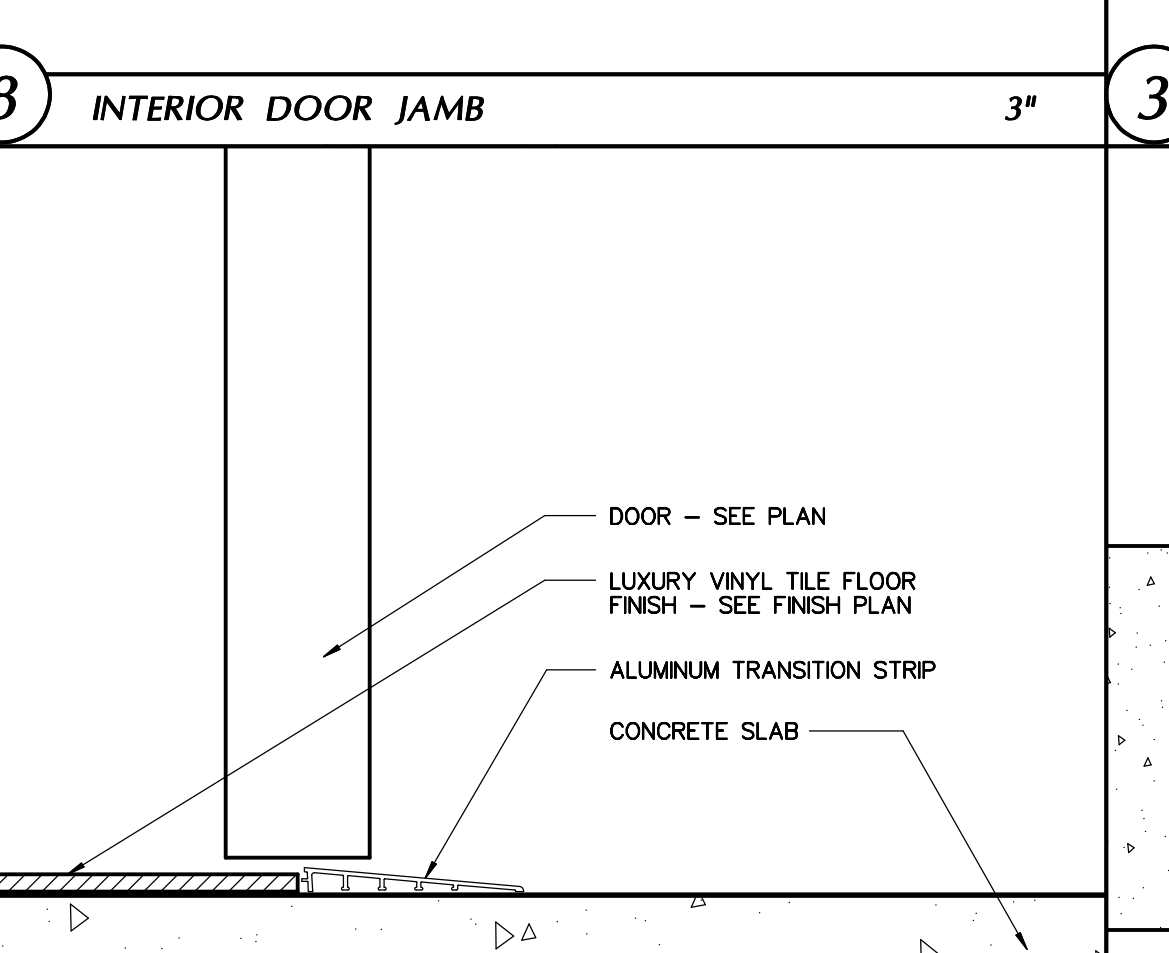
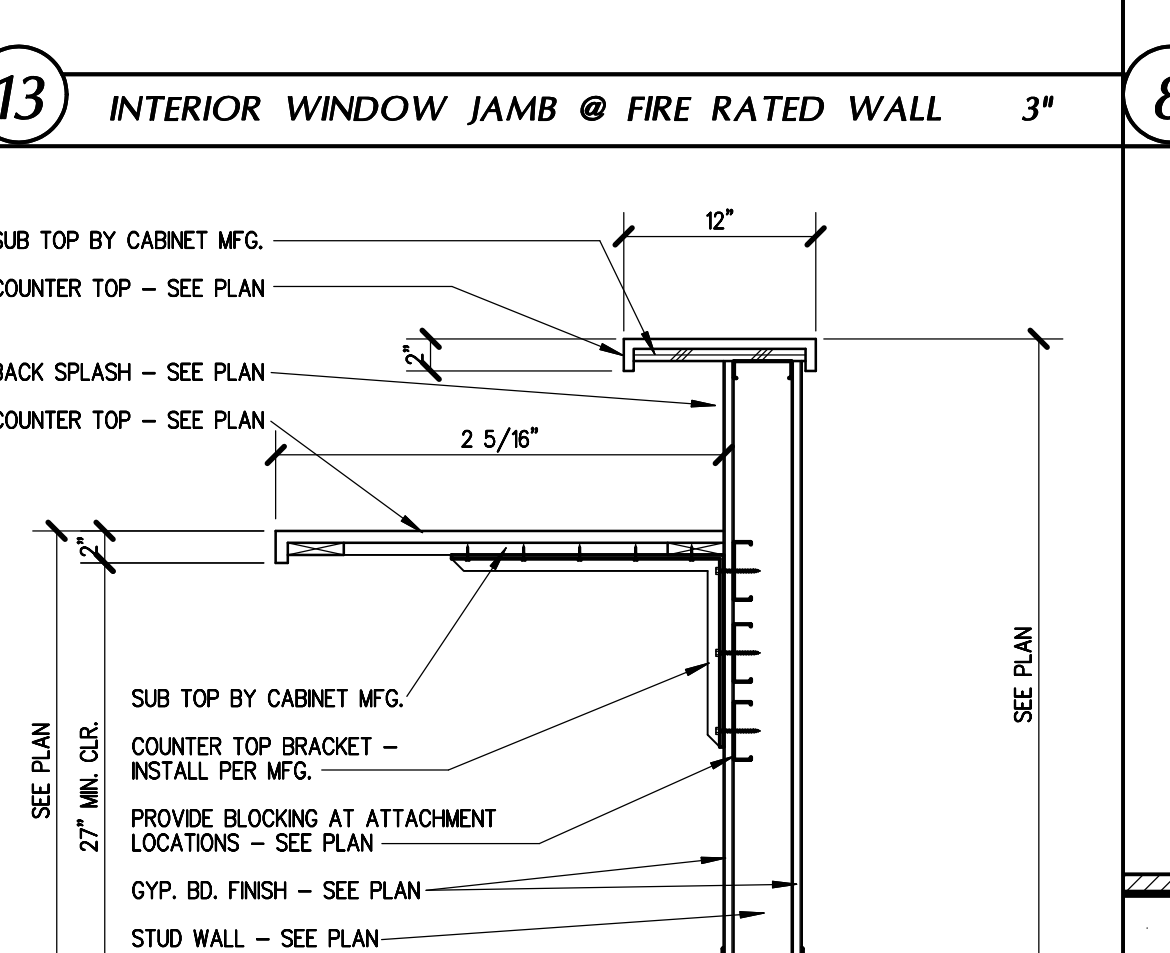
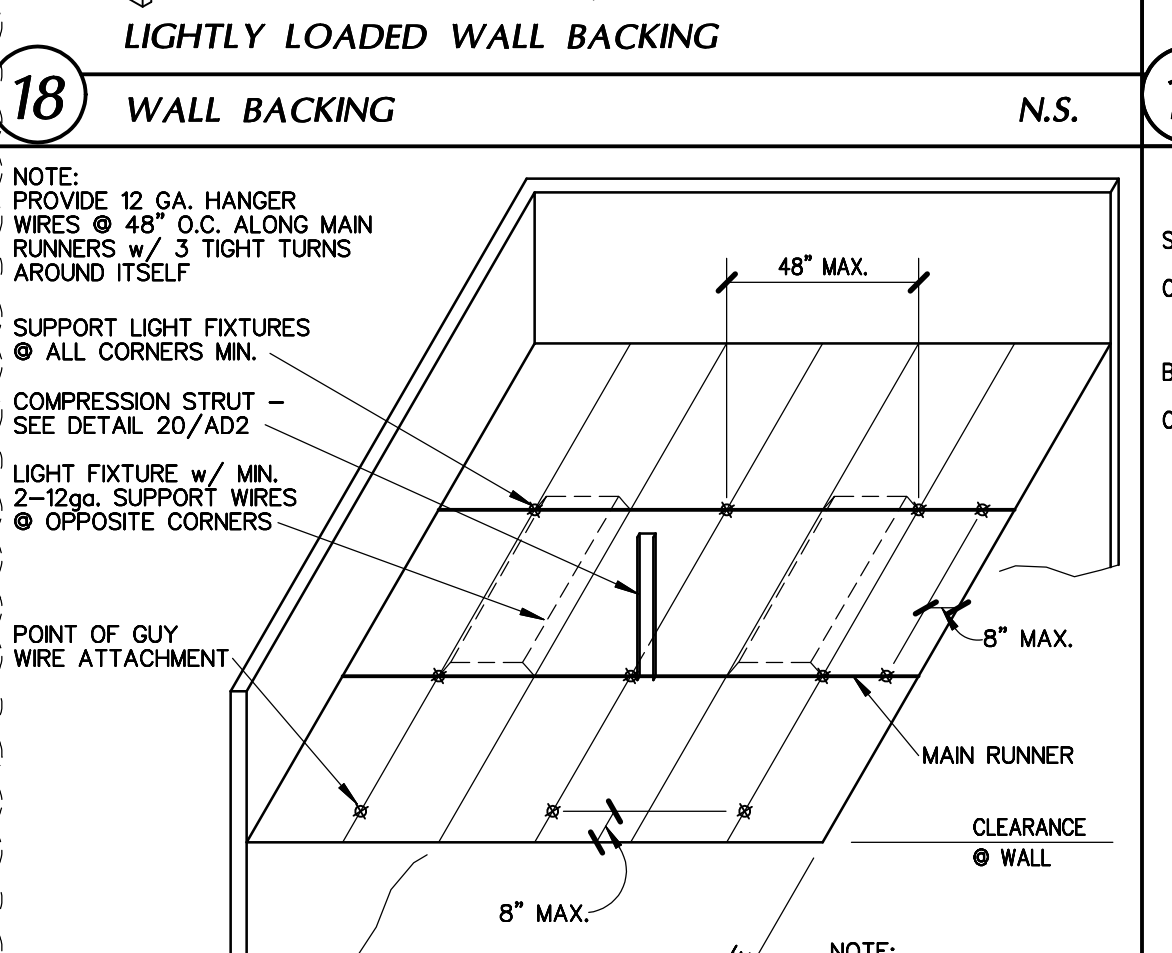
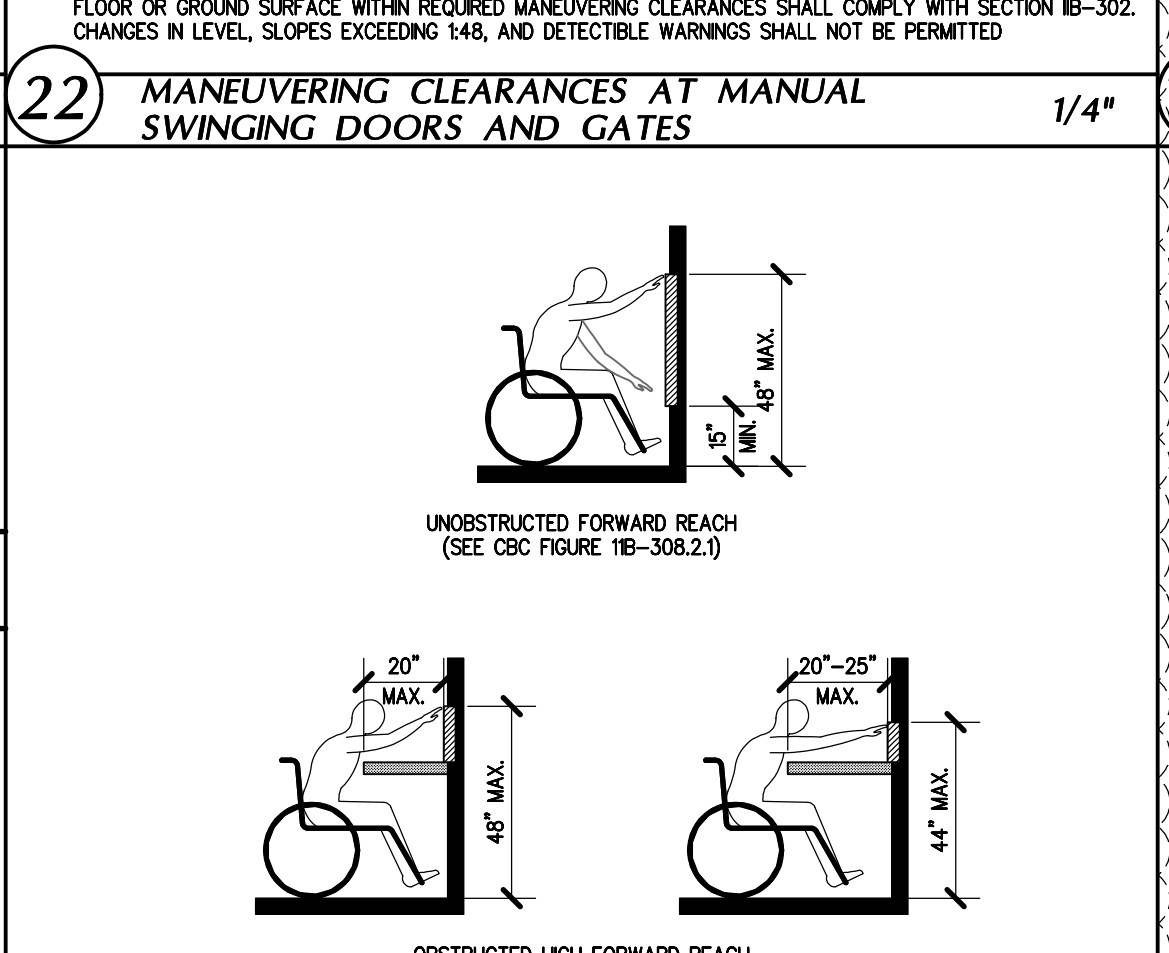
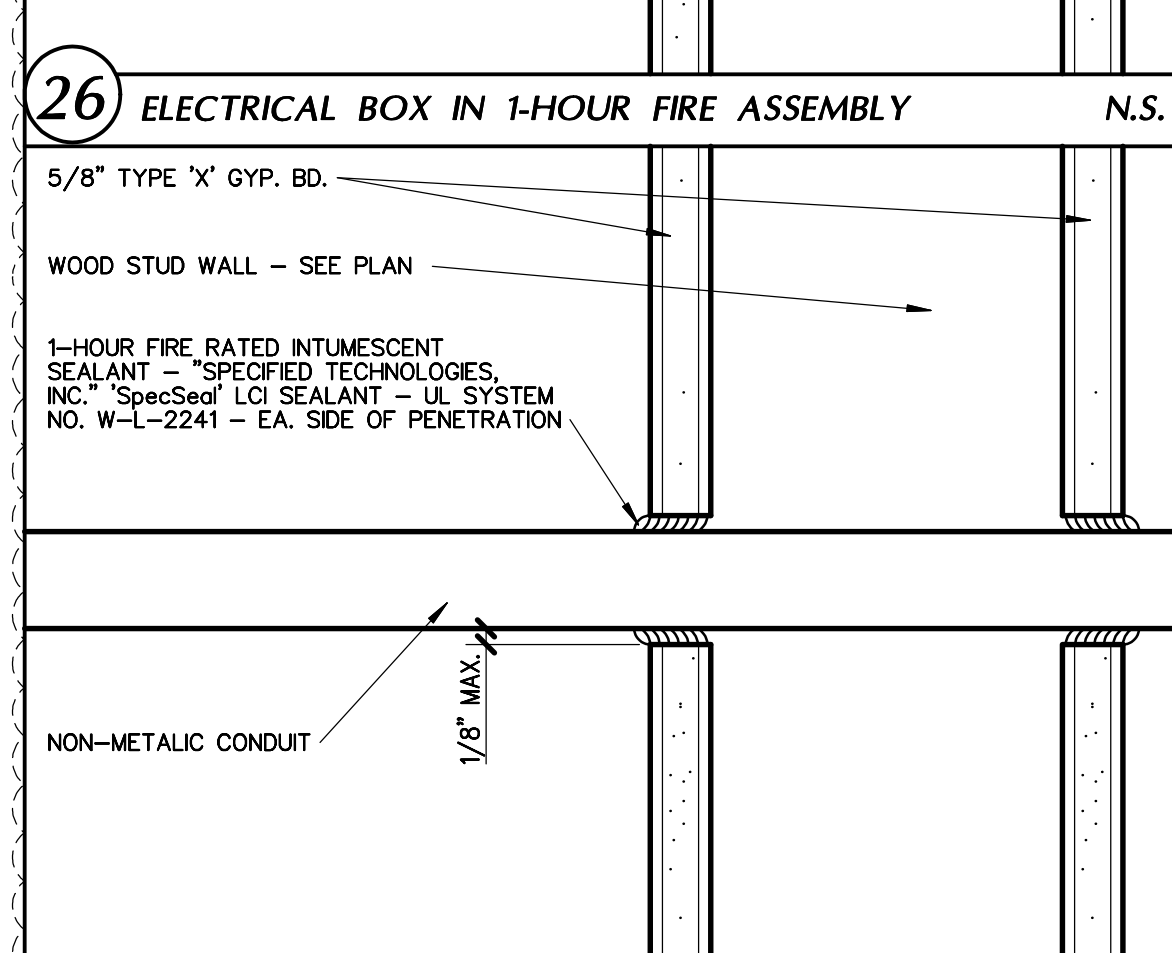
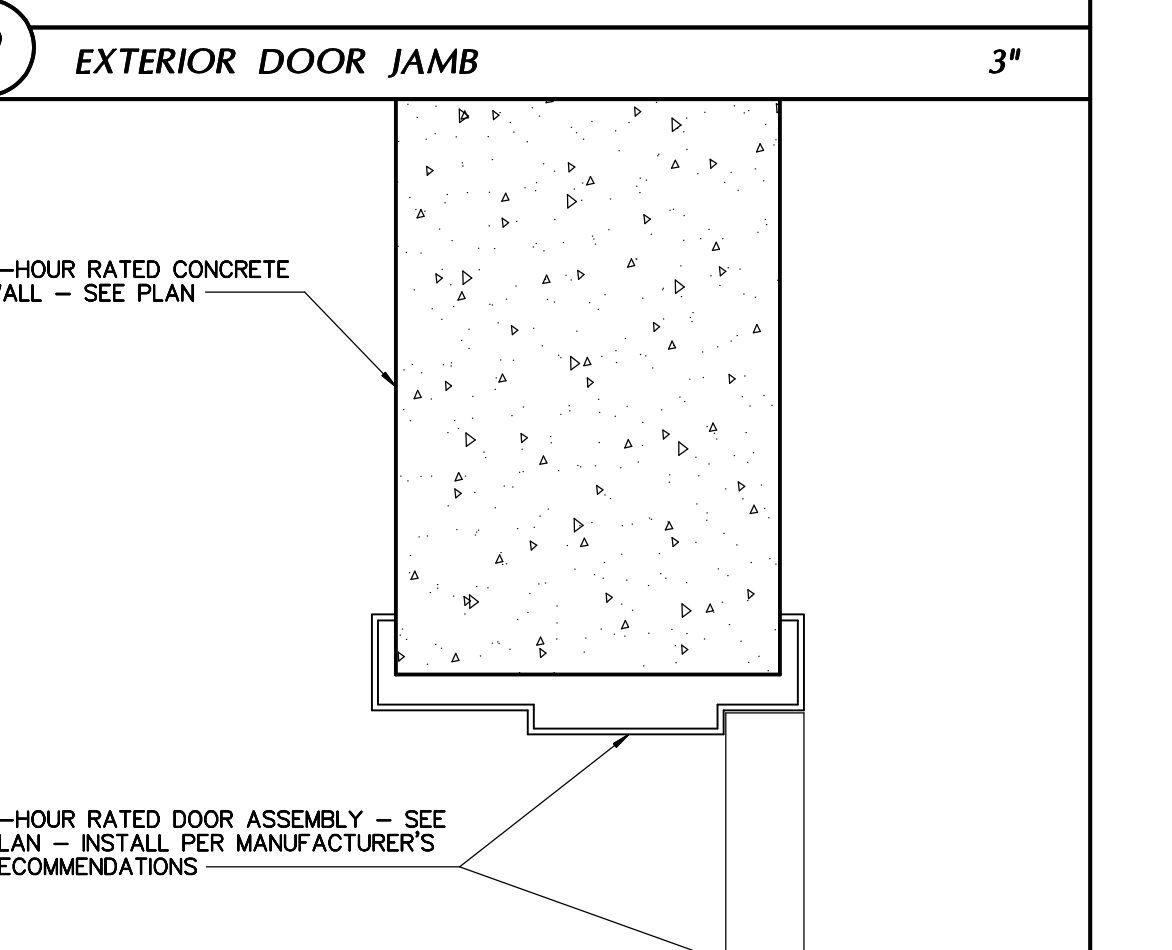
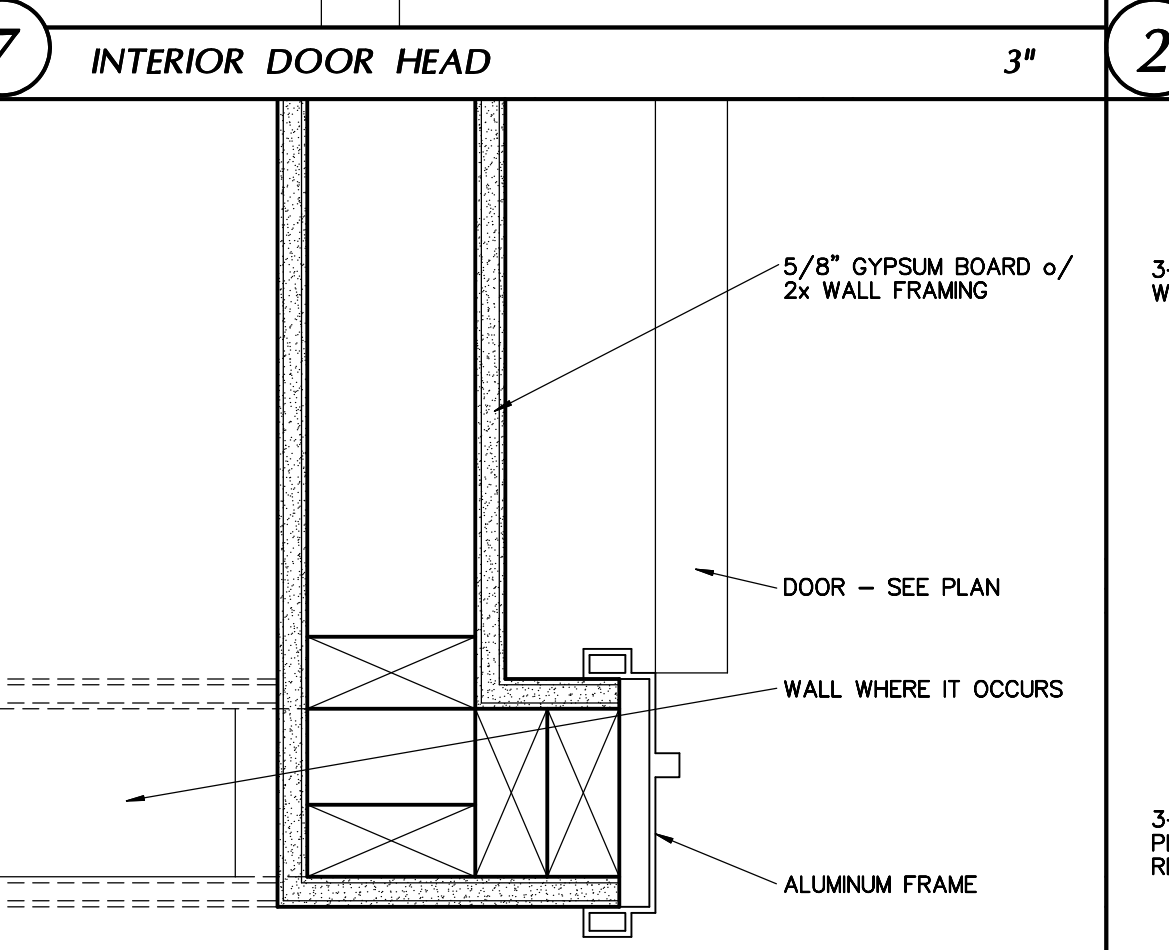
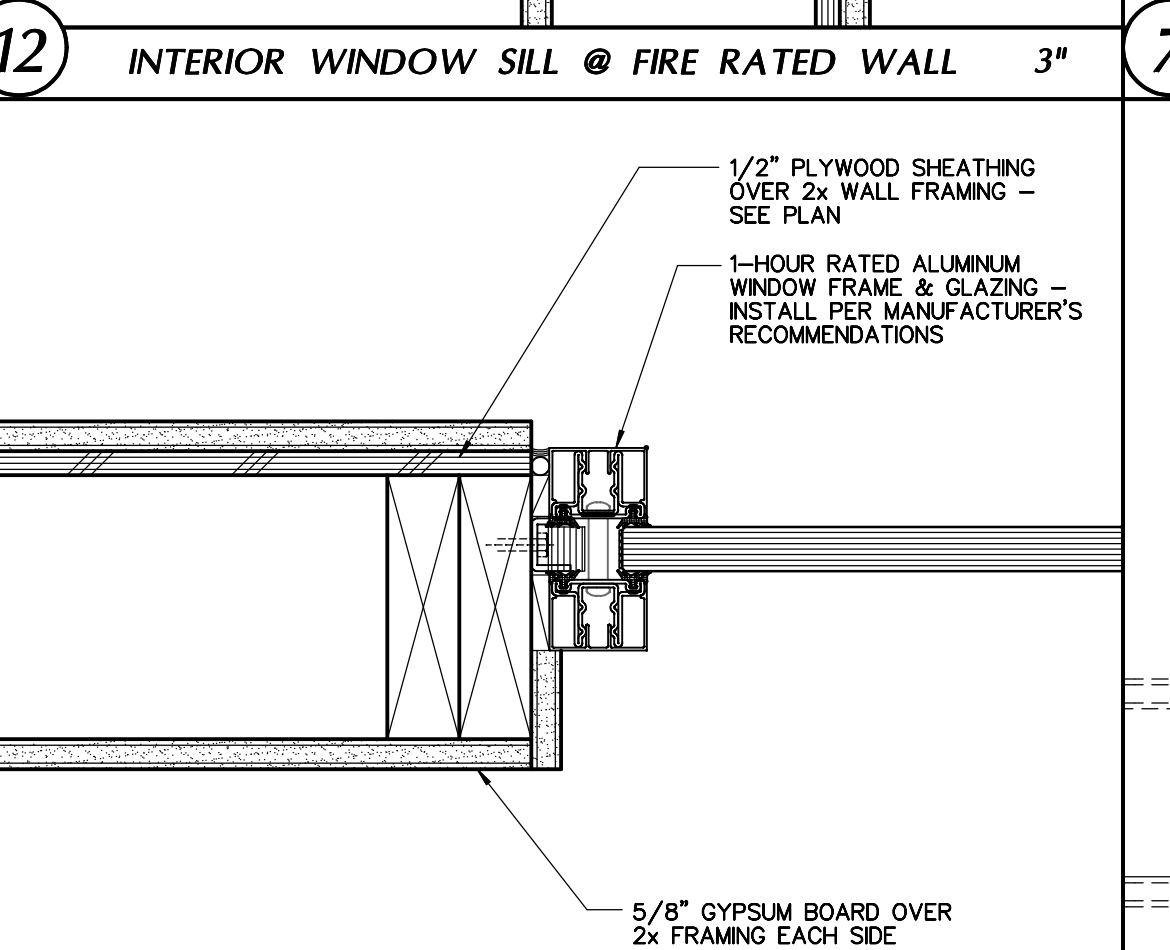
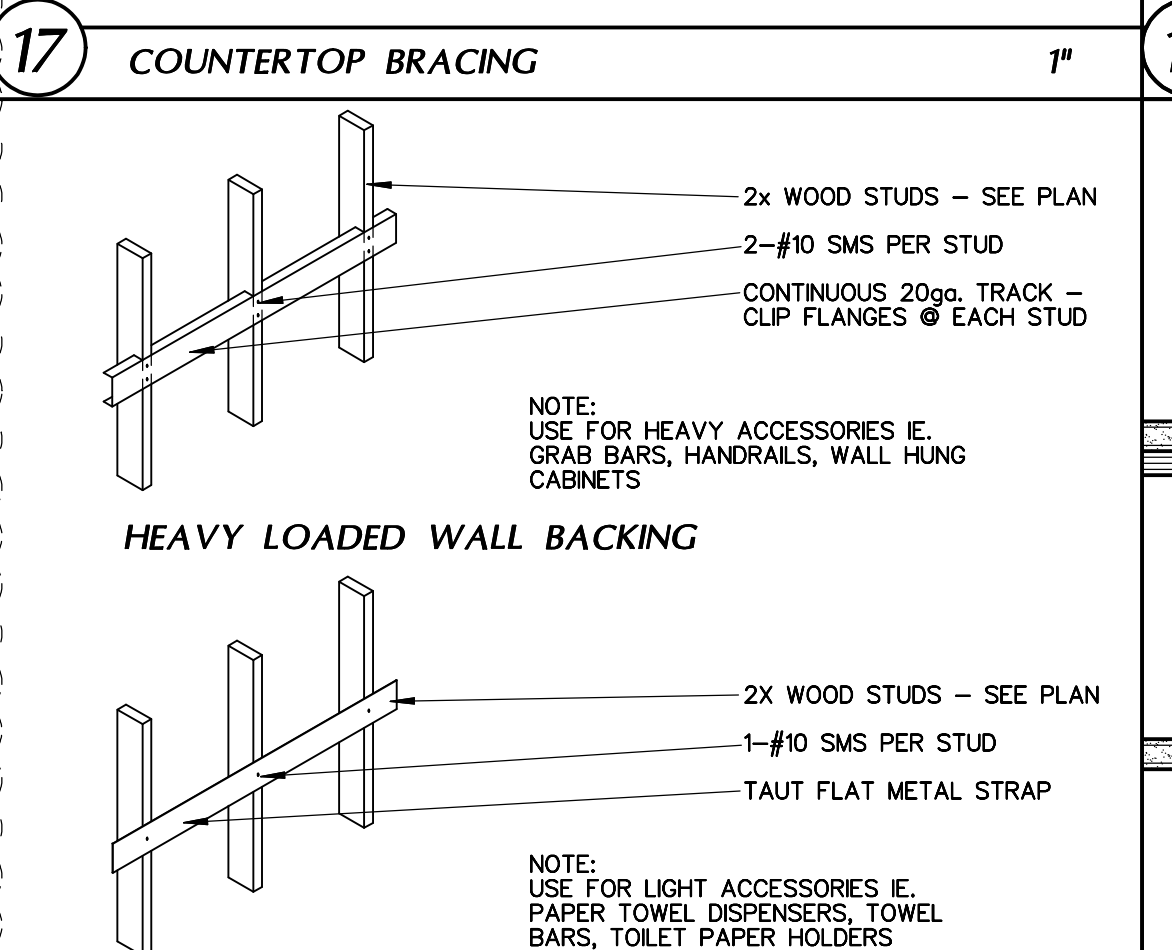
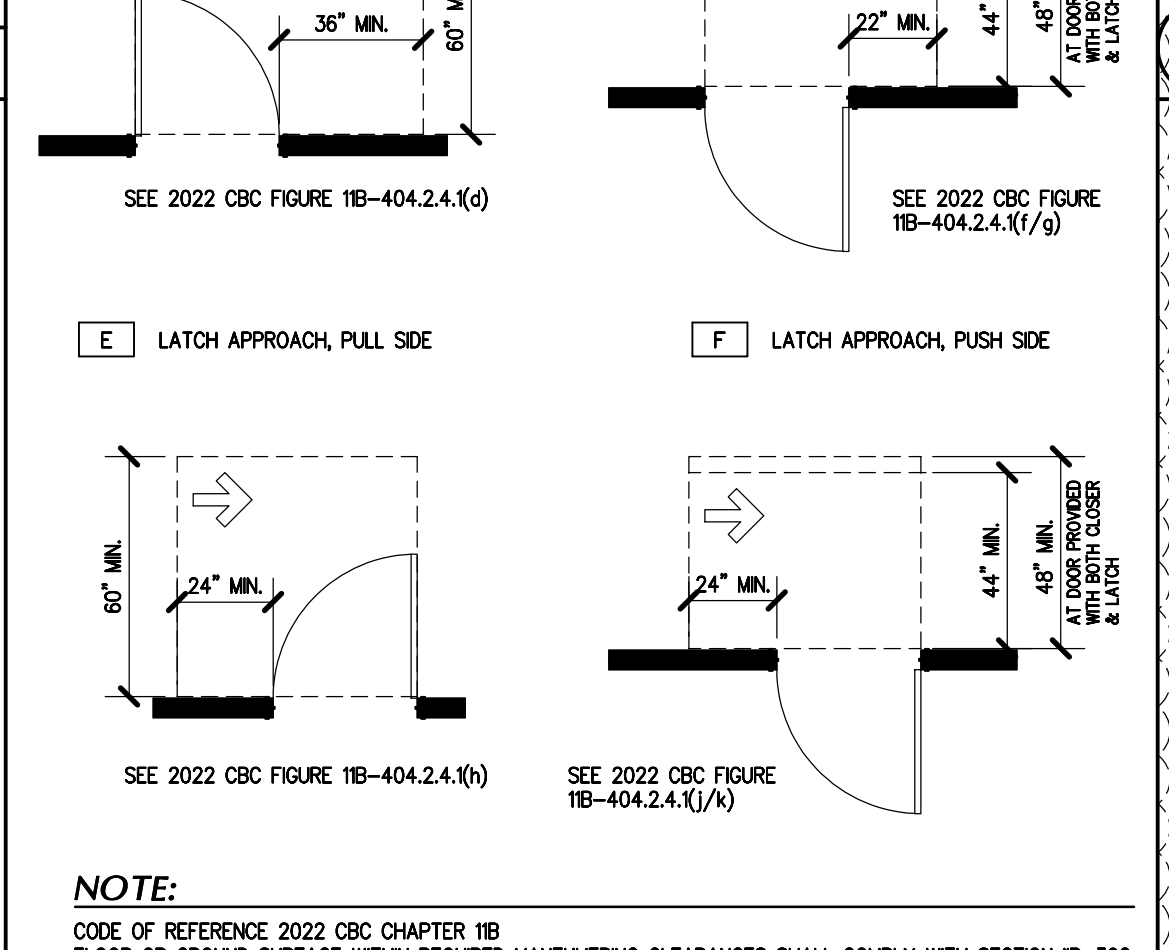
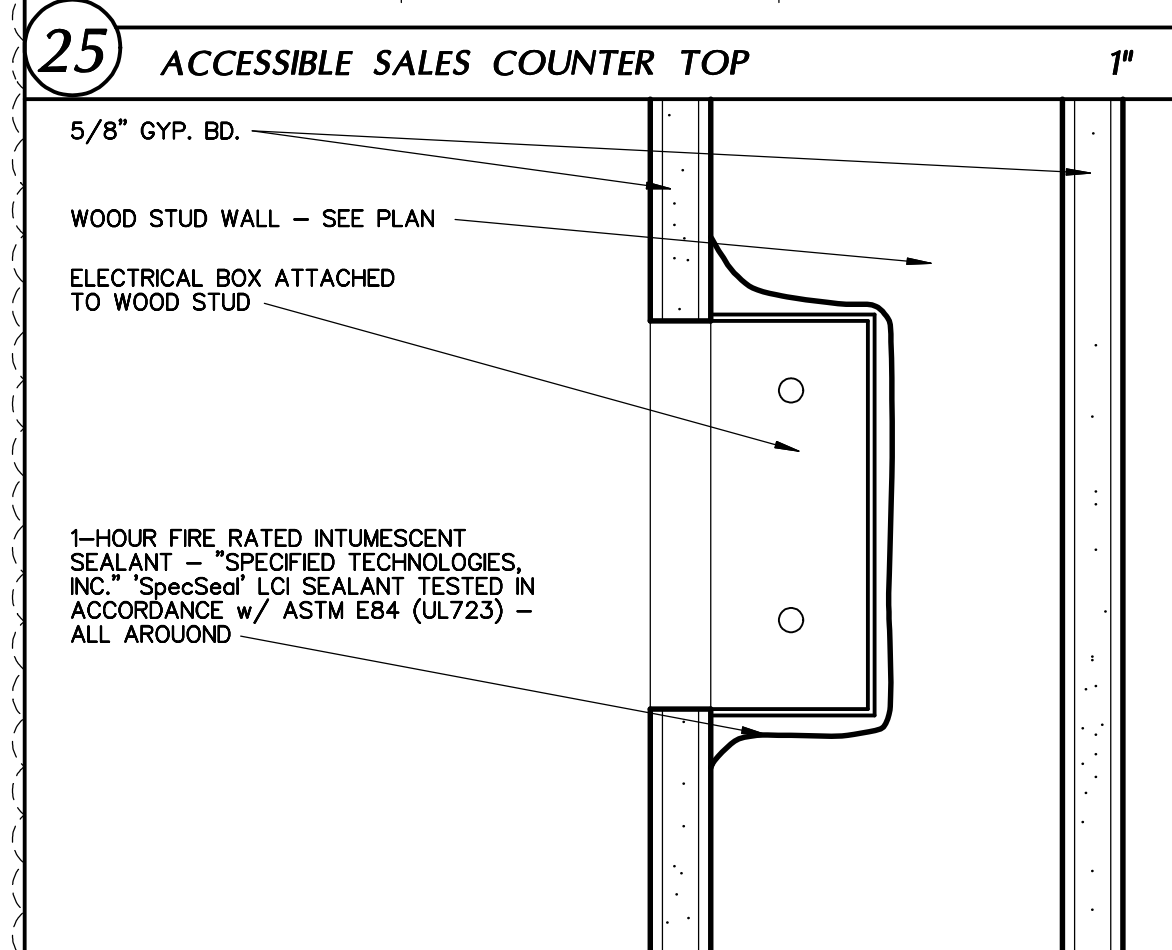
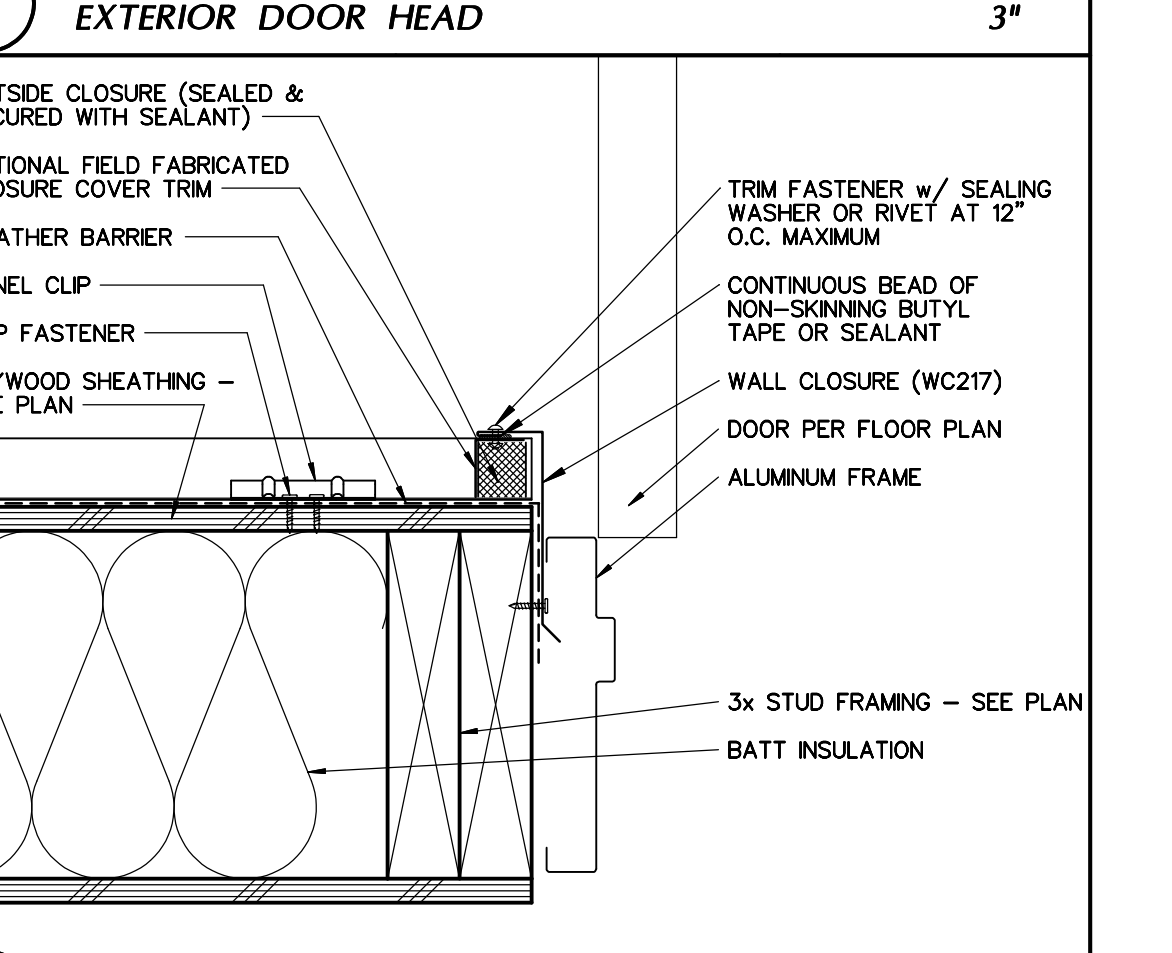
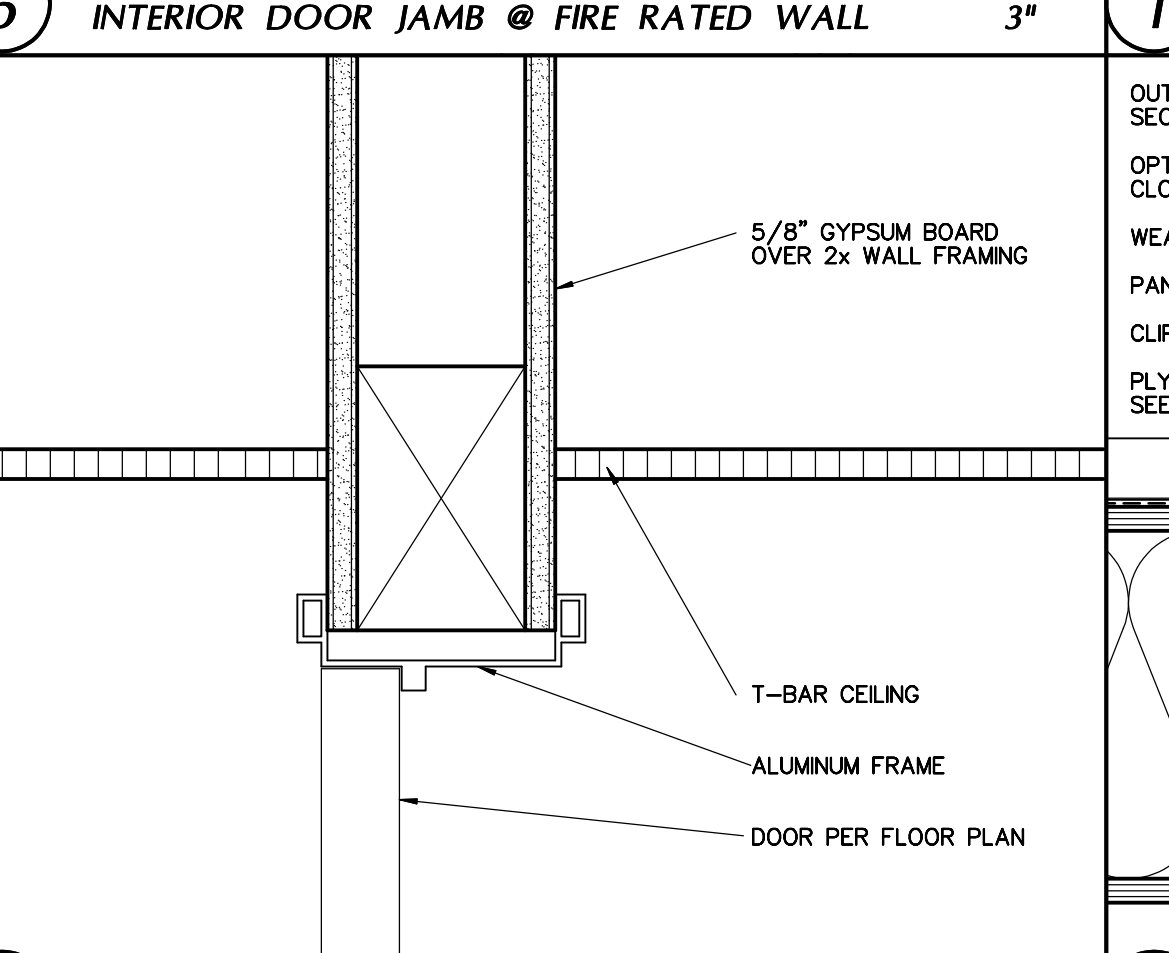
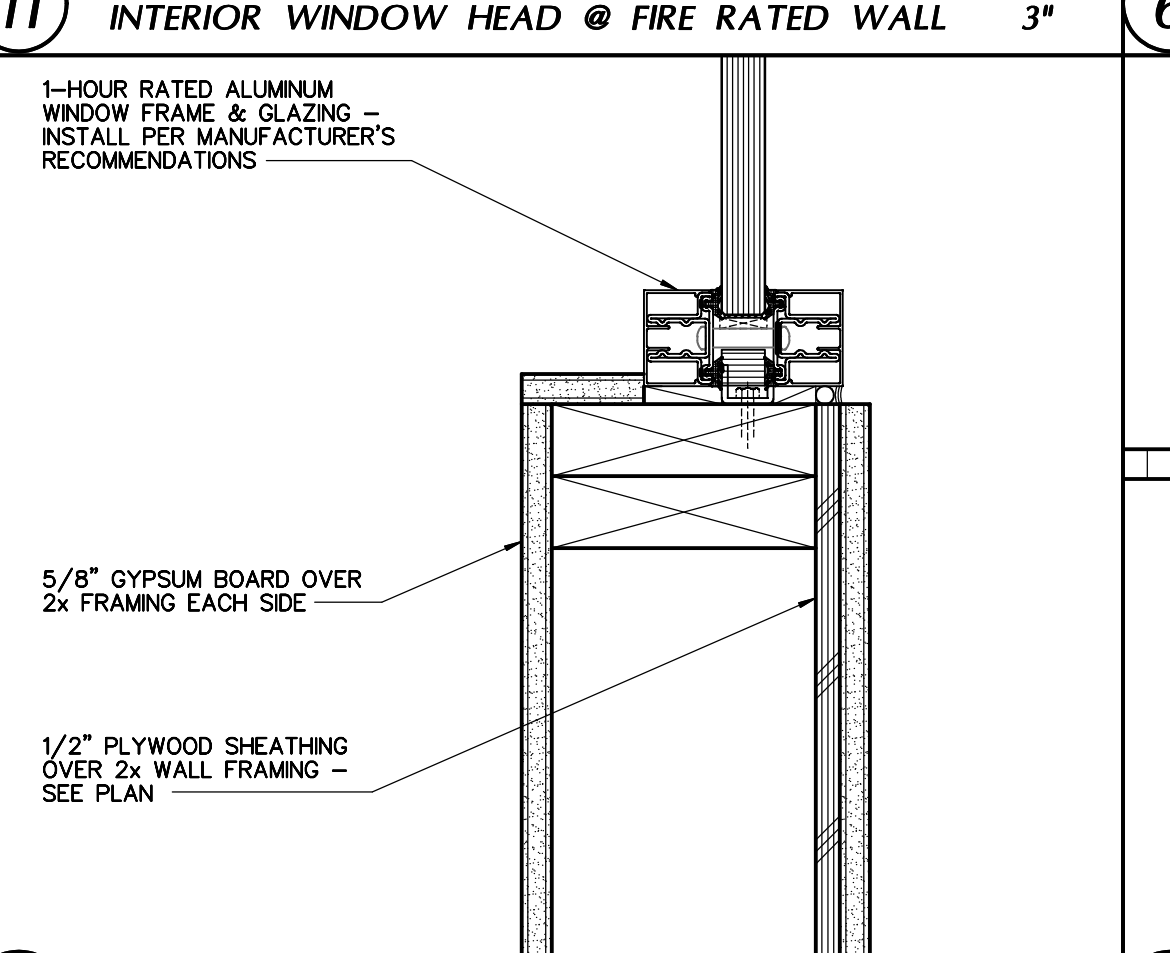
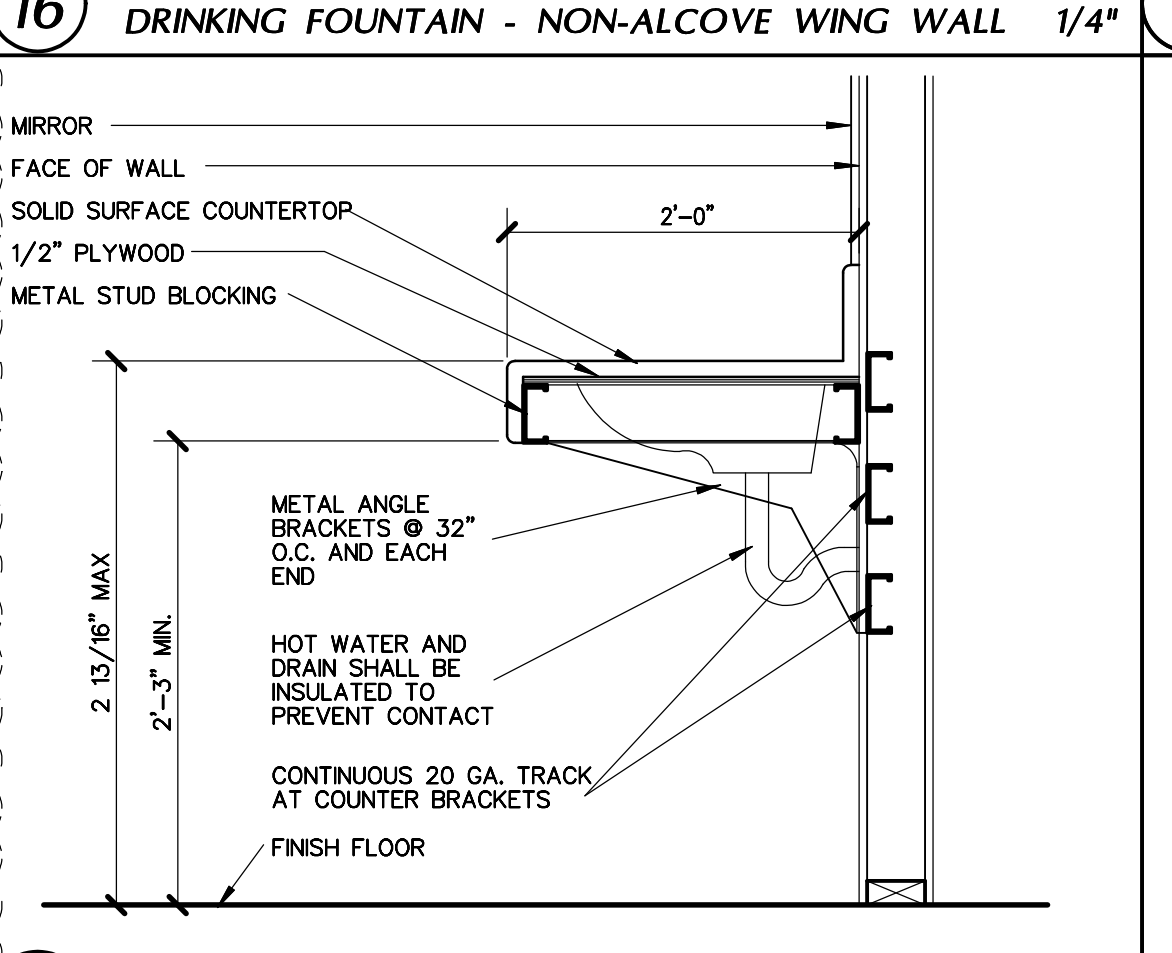
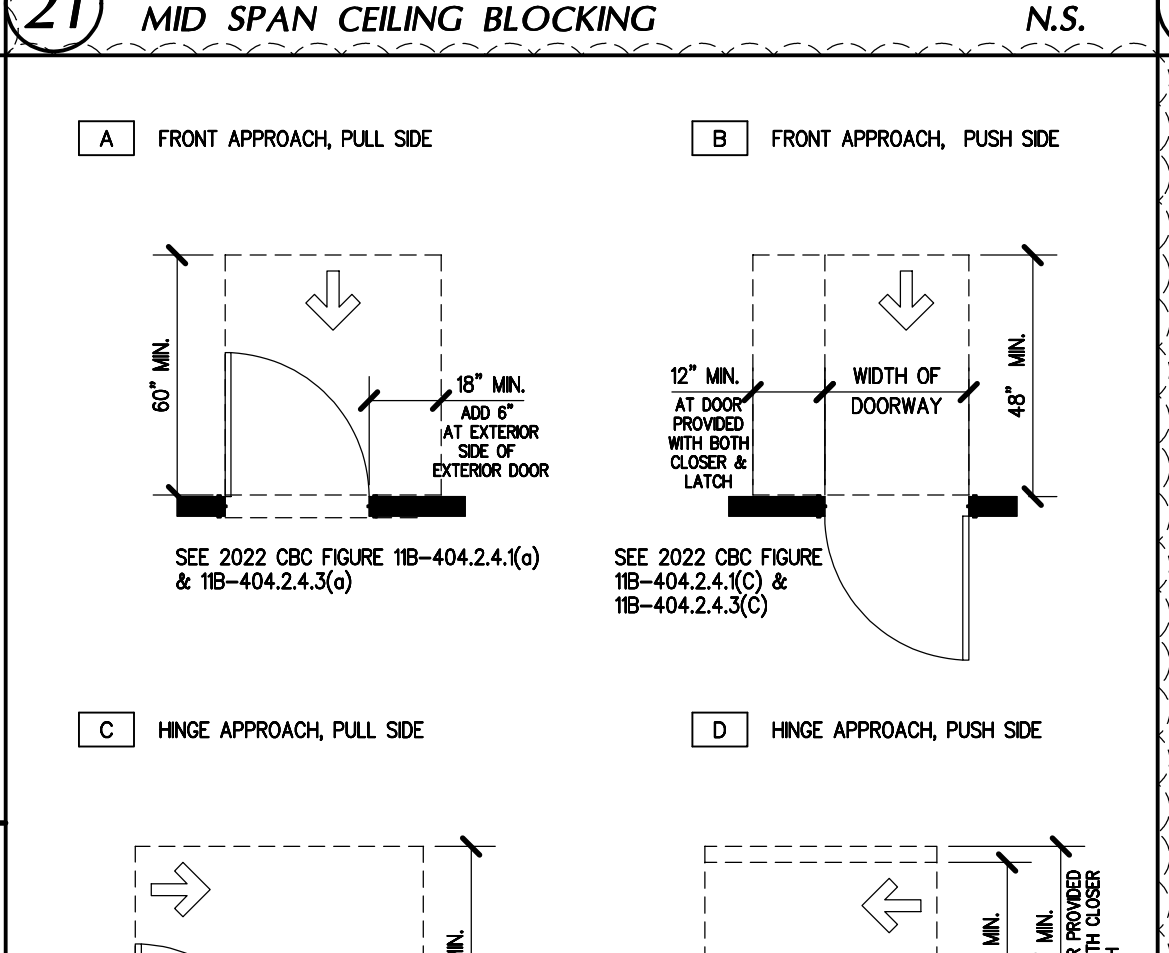
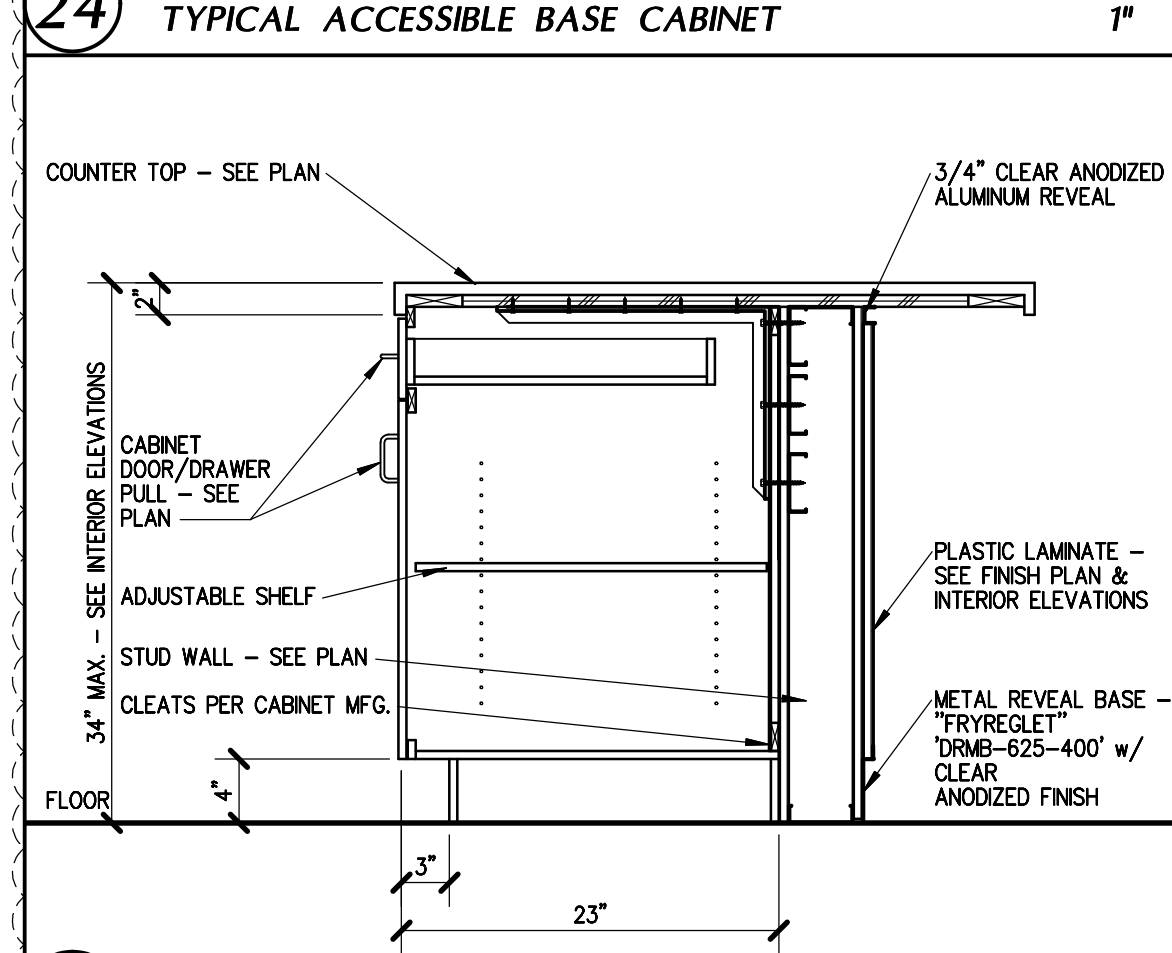
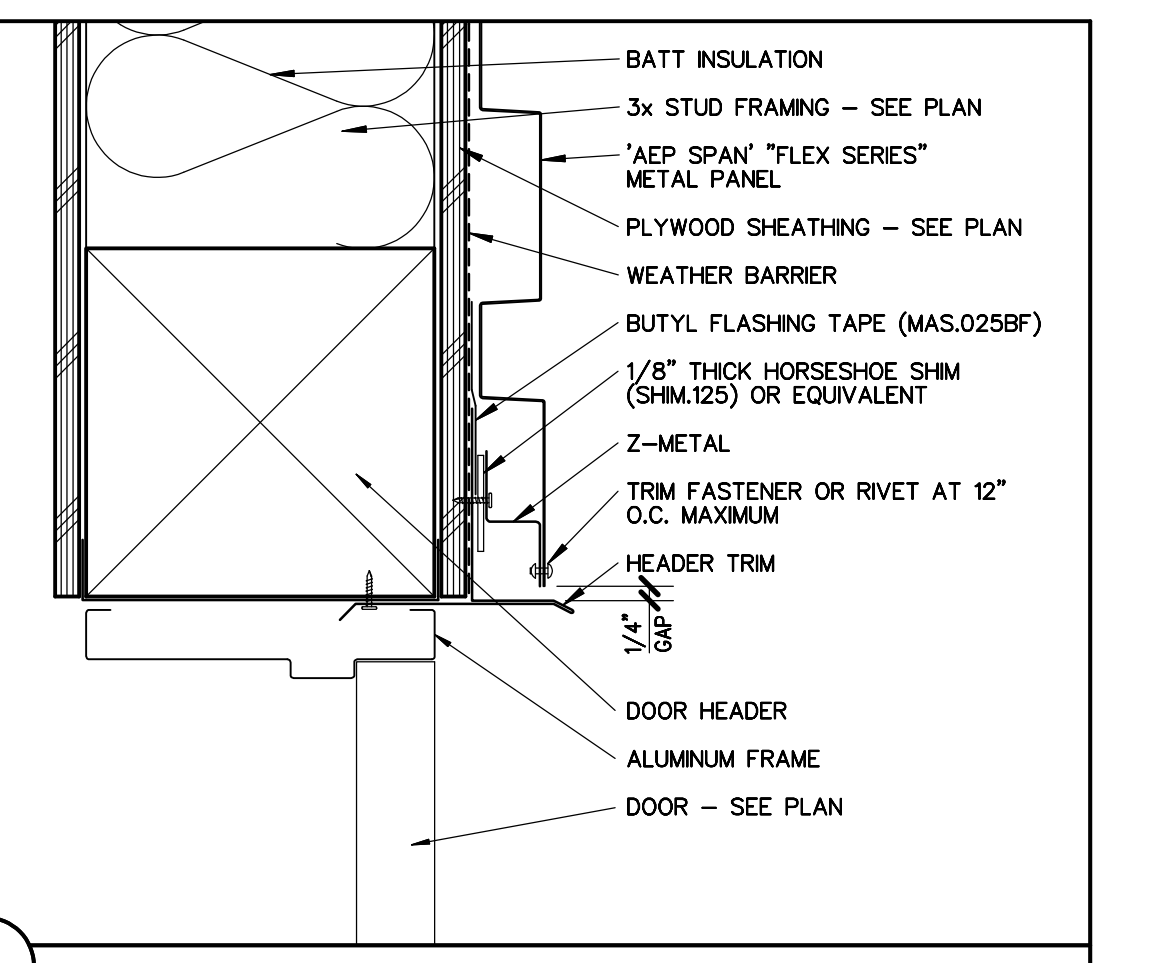
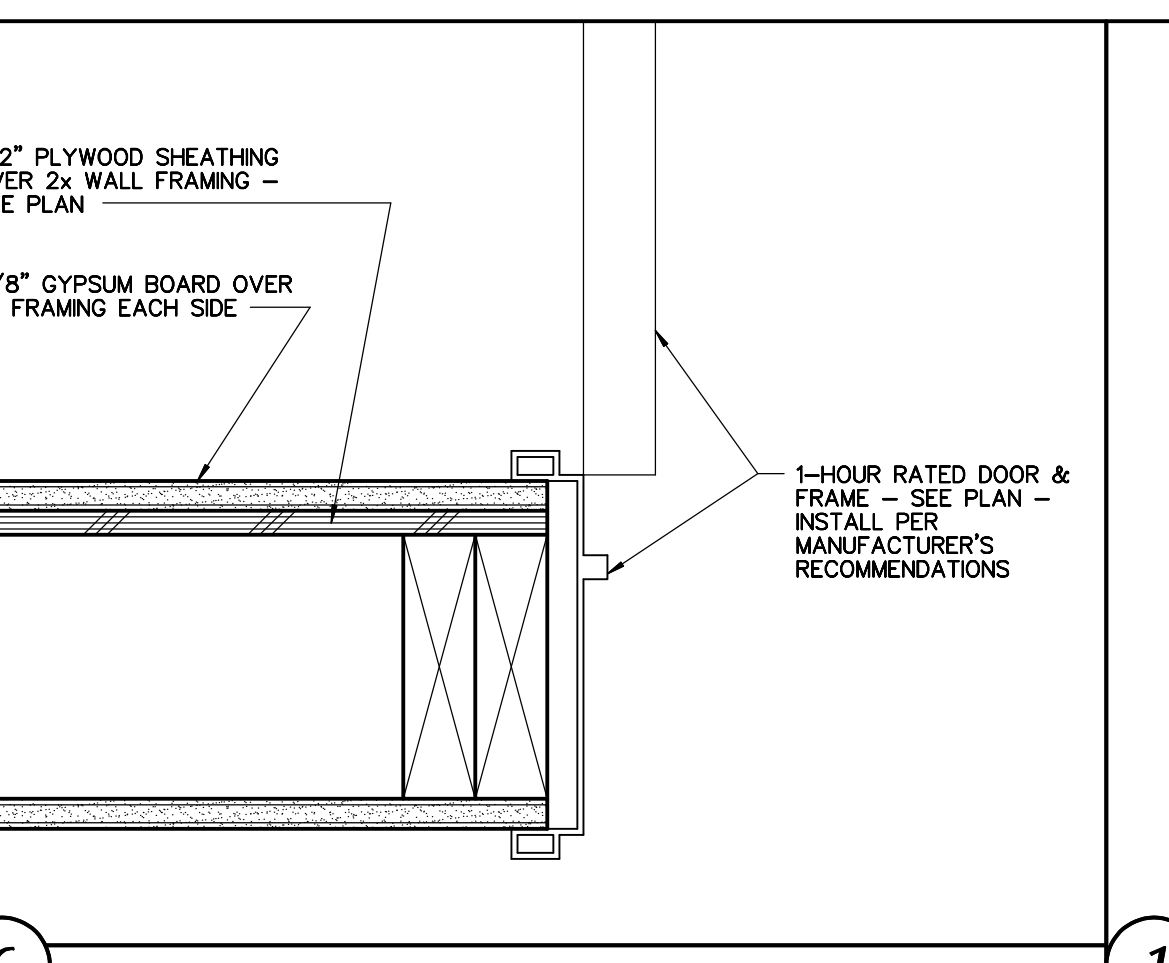
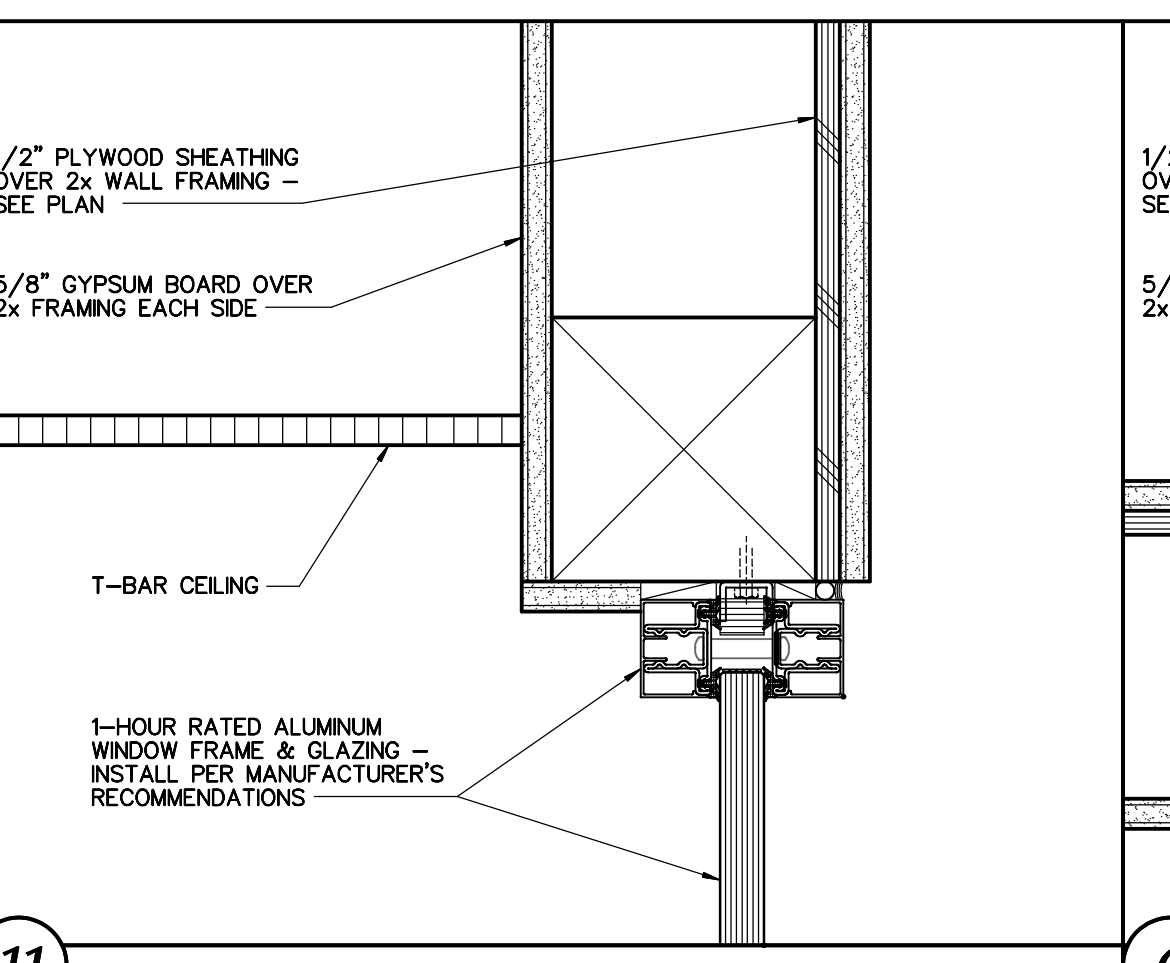
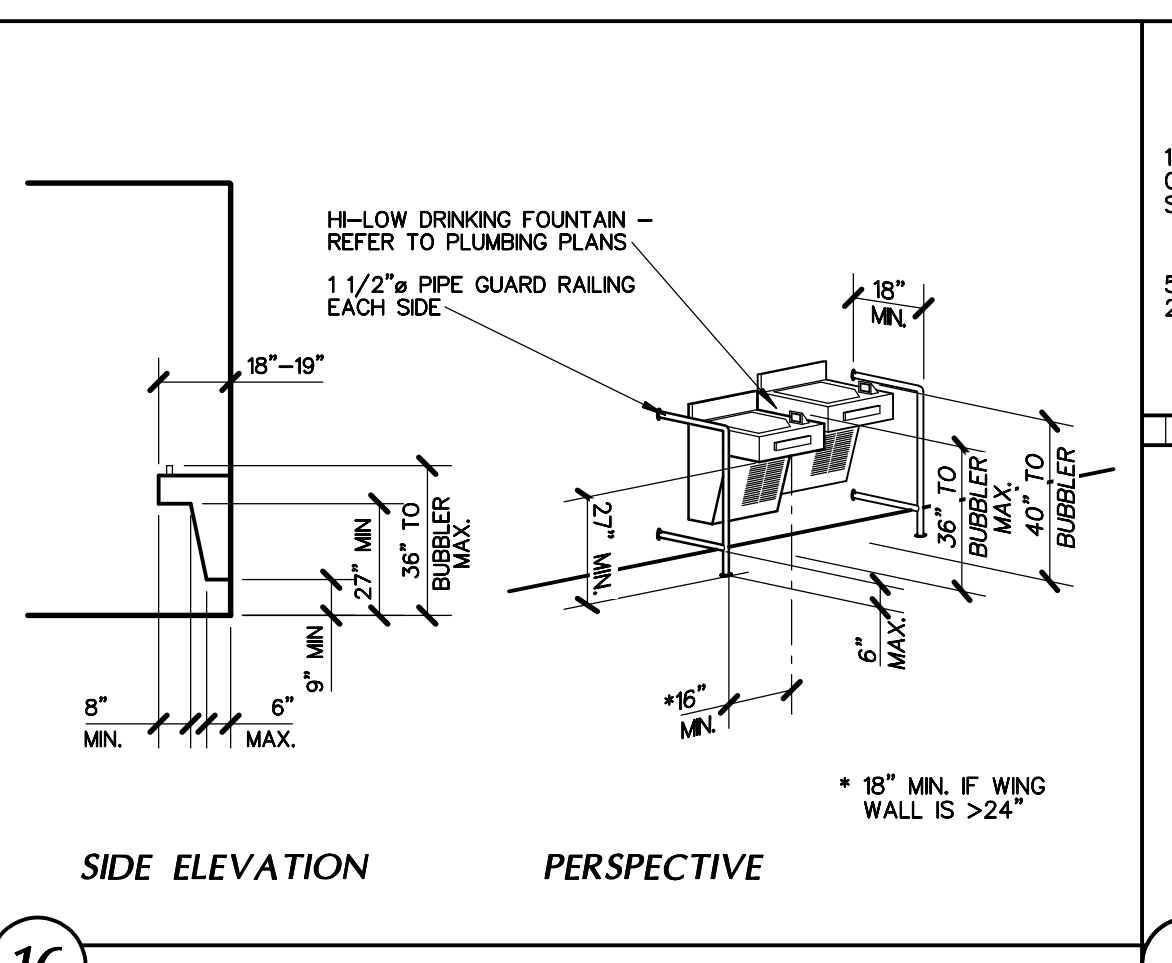
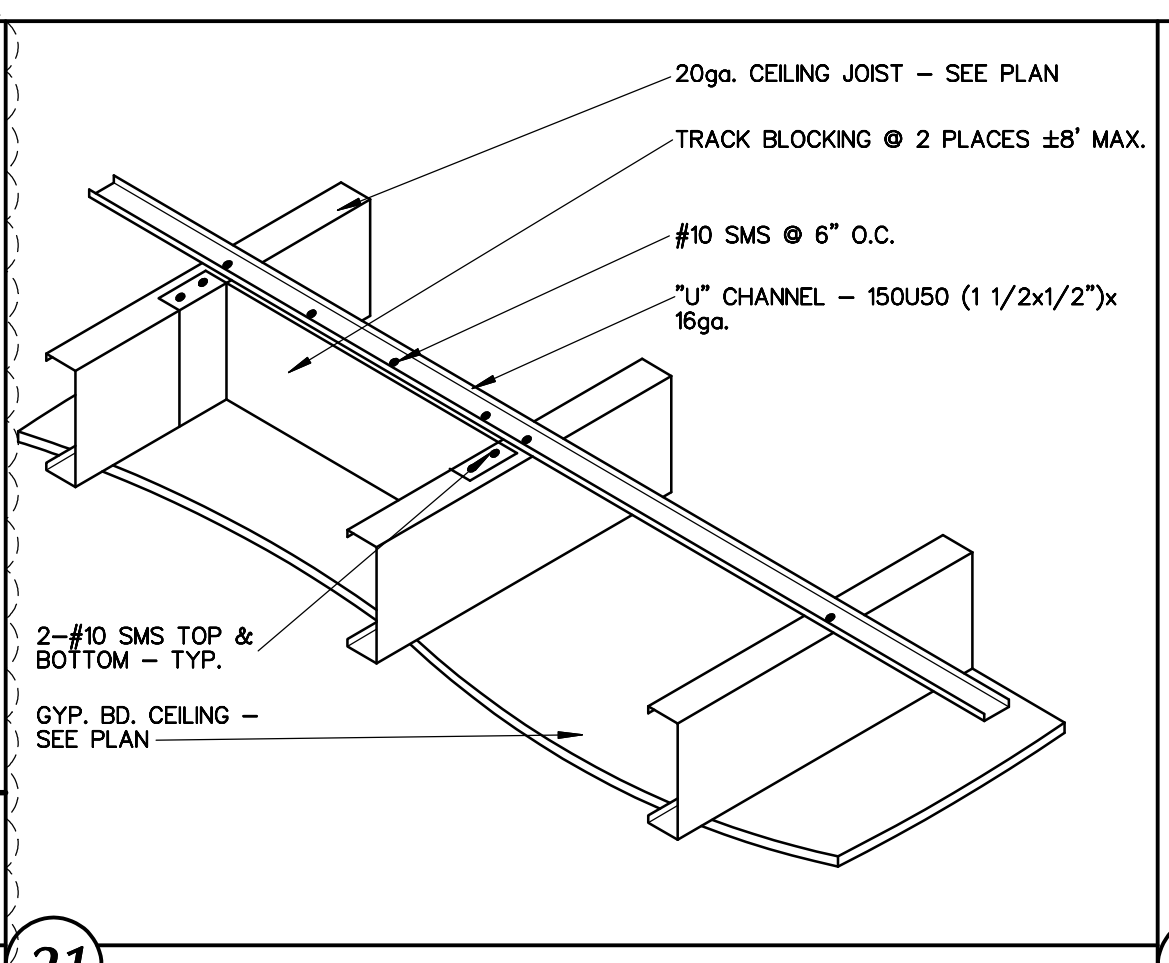
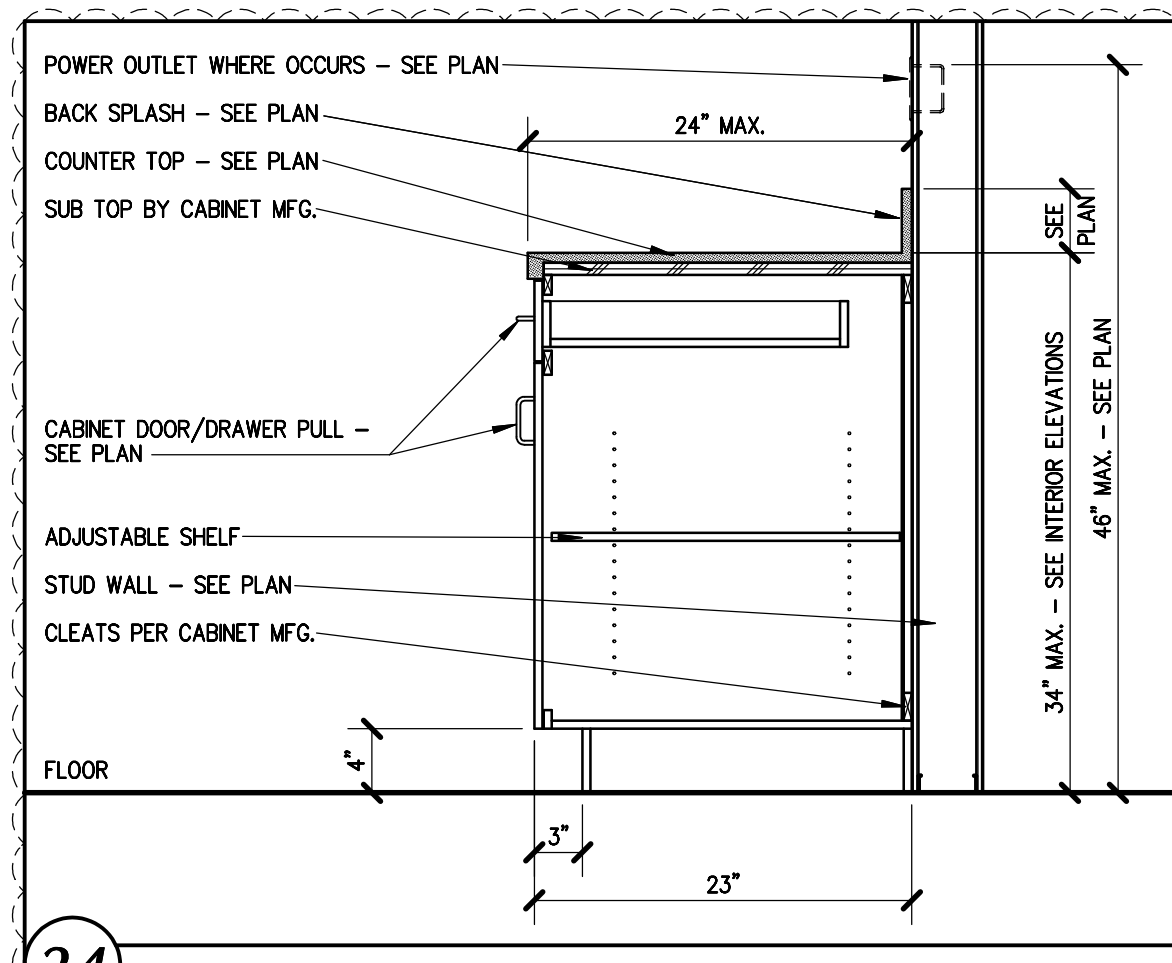
KERN COUNTY
SPECIAL WASTE
FACILITY

SEC OF DOWNING AVE & WEAR ST
BAKERSFIELD, CALIFORNIA

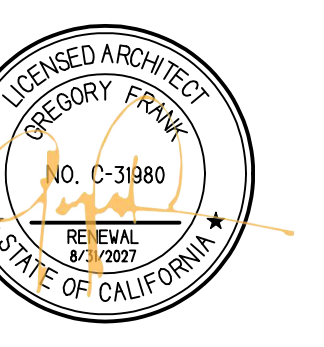
DATE	ISSUED FOR
12-5-2024	BUILDING DEPARTMENT SUBMITTAL
5-27-2025	BUILDING DEPARTMENT SUBMITTAL
9-16-2025	BUILDING DEPARTMENT SUBMITTAL

REVISION	DESCRIPTION
1	5-27-25 BUILDING DEPARTMENT COMPLIANCE
2	9-16-25 BUILDING DEPARTMENT COMPLIANCE

JOB	7005
DP	AC/JV
PM	CLF
AD2	



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10/3/2025, 1:47:46 PM
 K202408965
 Mackenzie Flowers



2/2/2026, 4:05:25 PM
 K202408965
 Dennis McNamara

A NEW BUILDING FOR:



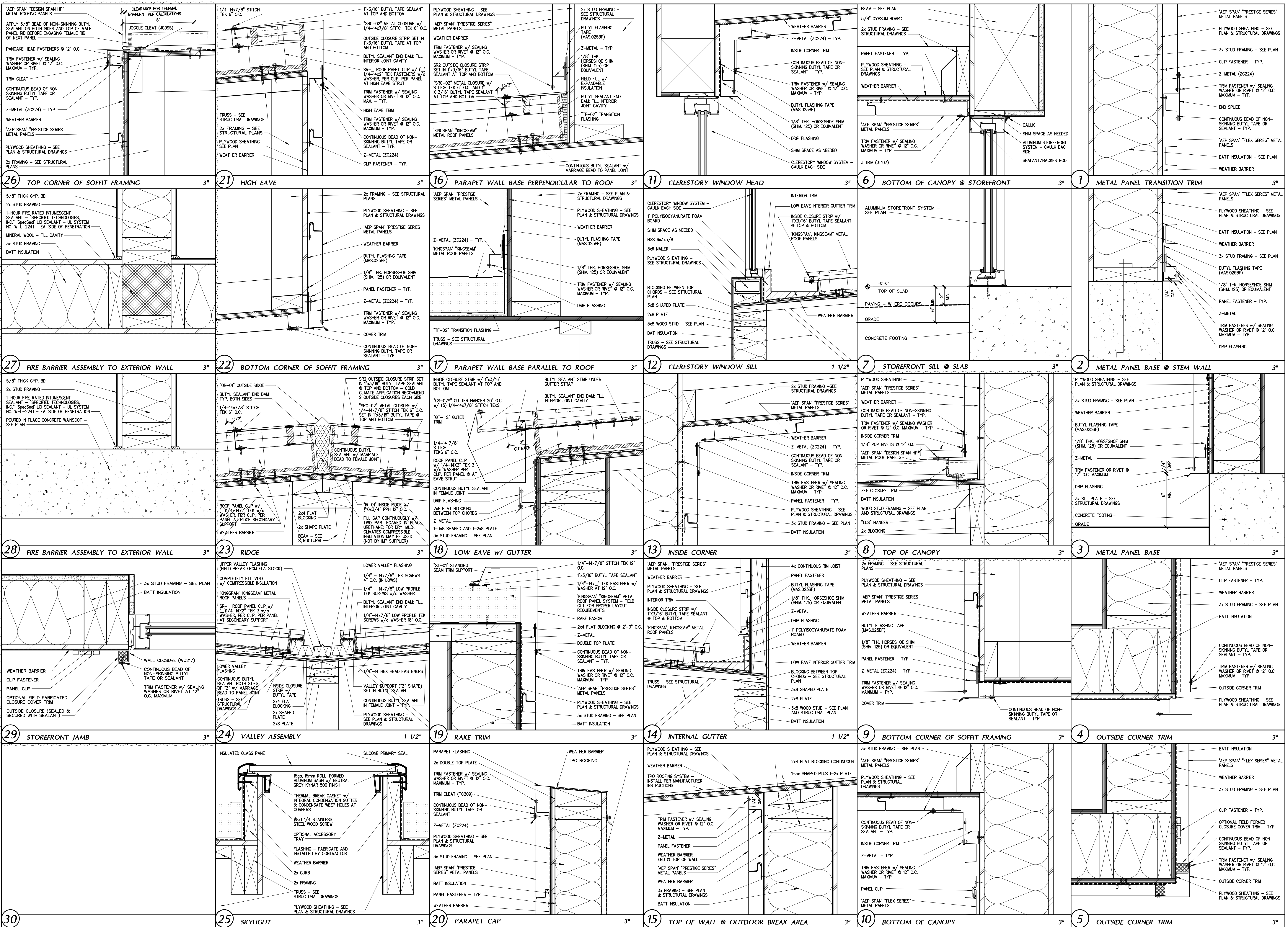
KERN COUNTY SPECIAL WASTE FACILITY

SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
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REVISION	DESCRIPTION
1	5-27-25 BUILDING DEPARTMENT COMPLIANCE
2	9-16-25 BUILDING DEPARTMENT COMPLIANCE

JOB	7005
DP	AC/IV
FM	CLF
AD3	



GENERAL NOTES:

GENERAL:

- THE FOLLOWING NOTES, TYPICAL DETAILS AND SCHEDULES SHALL APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. ALL CONSTRUCTION SHALL COMPLY WITH REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE AND TO CROSS-CHECK DETAILS AND DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS WITH RELATED REQUIREMENTS ON THE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND ALL OTHER TRADE DRAWINGS BEFORE PROCEEDING WITH CONSTRUCTION.
- DETAILS NOTED AS TYPICAL ON STRUCTURAL SHEETS SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THIS PROJECT AS APPROVED BY THE STRUCTURAL ENGINEER.
- SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR THE FOLLOWING:
 - DIMENSIONS NOT SHOWN.
 - SIZE AND LOCATION OF OPENINGS, CONCRETE CURBS.
 - FLOOR SLOPES, DEPRESSIONS, ETC.
 - EXTERIOR WALL CONSTRUCTION.
 - PIPING, SLEEVES, HANGERS, ETC.
 - ANCHORAGE AND BRACING OF MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT
 - TO STRUCTURE.
 - LOCATION, SIZE AND WEIGHT OF MACHINES AND EQUIPMENT AND THEIR BASE.
- UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBER SHALL BE CUT, NEITHER DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT.
- STRUCTURAL DRAWINGS INDICATE ONLY THE APPROXIMATE LOCATION OF MECHANICAL, ELECTRICAL AND OTHER EQUIPMENT, AS WELL AS RELATED AUXILIARY FRAMING NECESSARY TO SUPPORT SUCH GEAR.
- STRUCTURAL DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.

FOUNDATION:

- FOUNDATION DESIGN IS BASED ON AN UPDATE OF GEOTECHNICAL REPORT BY KRAZAN & ASSOCIATES, INC. DATED JULY 28, 2023.
- CONTRACTOR SHALL OBTAIN THE REPORTS MENTIONED ABOVE AND SHALL STRICTLY FOLLOW THE RECOMMENDATIONS OUTLINED IN THE REPORTS DURING FOUNDATION EXCAVATION.
- FOUNDATION ALLOWABLE DESIGN LOADS: 2500 PSF. FOR CONTINUOUS OR SPREAD FOOTINGS EMBEDDED MINIMUM 18 INCHES INTO COMPETENT NATIVE SOILS.
- CONTRACTOR SHALL PROVIDE AND BE RESPONSIBLE FOR TEMPORARY SHORING OF EXCAVATION, RETAINING/BASEMENT WALLS DURING BACKFILL OPERATION.
- CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL SHORING AS REQUIRED.
- UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBER SHALL BE CUT, NEITHER DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER.
- A CERTIFICATION OF BOX COMPACTION OF SOILS BELOW FOUNDATIONS IS REQUIRED FROM THE GEOTECHNICAL ENGINEER OF RECORD.
- PROVIDE 15 MIL MOISTURE BARRIER UNDERLAIN BY 3" COMPACTED CLEAN 3/4" GRAVEL.
- ALL FOUNDATION EXCAVATIONS MUST BE OBSERVED AND APPROVED BY THE PROJECT GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF REINFORCING STEEL.

CONCRETE:

- CONCRETE SHALL HAVE THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS:

LOCATION	STRENGTH (PSI)	MIX	TYPE	W/C RATIO
SLAB ON GRADE	3,000	3/4"	HARD ROCK CONCRETE	0.55
GRADE BEAMS	4,000	1"	HARD ROCK CONCRETE	0.50
FOOTINGS	4,000	1"	HARD ROCK CONCRETE	0.50
- PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE II, LOW ALKALI.
- ALL NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C-33. LIGHTWEIGHT CONCRETE SHALL CONFORM TO ASTM C-330. UNIT WEIGHT = 110 PCF.
- THE MANUFACTURER SHALL SUBMIT COMPLETE SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO ANY FABRICATION.
- PROVIDE CAMBERS AS NOTED ON THE DRAWINGS.
- TEMPERATURE OF GLUE-LAMINATED TIMBER IS NOT TO EXCEED 150° F IN SERVICE.
- GLUE-LAMINATED MEMBERS SHOWN ON THESE PLANS ARE FOR DRY CONDITIONS OF USE.
- FABRICATOR OF GLUE LAMINATED BEAMS TO BE LICENSED BY CITY OF LOS ANGELES.
- AN AITC CERTIFICATE OF INSPECTION FOR ALL GLUED LAMINATED TIMBER SHALL BE SUBMITTED TO A BUILDING AND SAFETY DIVISION INSPECTOR PRIOR TO ERECTION.

REINFORCING STEEL:

- ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A-615 GRADE 60, EXCEPT #3 AND SMALLER BARS MAY BE GRADE 40.
- REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A-706.
- DOWELS SHALL BE PROVIDED AT ALL POUR JOINTS AND SHALL BE THE SAME SIZE AND SPACING AS REINFORCING DIRECTLY BEYOND POUR JOINTS, EXCEPT AS OTHERWISE NOTED.
- ALL REINFORCING STEEL SHALL BE LAPPED AS INDICATED ON THE DRAWINGS. WHERE LAP AND/OR SPICE LOCATIONS ARE NOT SPECIFICALLY INDICATED, PROVIDE CLASS "B" SPICE PER SCHEDULE ON SHEET S1.2. ALL SPICE LOCATIONS SHALL BE CLEARLY SHOWN ON SHOP DRAWINGS AND APPROVED BEFORE FABRICATION.
- REINFORCING STEEL SHALL HAVE THE FOLLOWING CONCRETE COVERAGE, EXCEPT AS OTHERWISE DETAILED:

WHERE POURED AGAINST EARTH (EXCEPT SLAB ON GRADE)	3"
EXPOSED TO EARTH BUT FORMED	2"
WALLS, EXTERIOR FACE (ABOVE GRADE)	1-1/2"
WALL EXTERIOR FACE (BELOW GRADE)	2"
WALLS, INTERIOR FACE	1"
- PLACING TOLERANCES AND BAR SUPPORTS SHALL CONFORM TO THE MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION BY CRSI.
- CLEARANCE BETWEEN PARALLEL BARS ON A LAYER SHALL BE NOT LESS THAN 1", NOR 1 BAR DIA. NOR MAX. AGGREGATE SIZE. BARS IN SECOND LAYER SHALL BE DIRECTLY ABOVE BARS IN FIRST LAYER.
- ALL WELDING OF REINFORCING STEEL SHALL BE DONE IN ACCORDANCE WITH AWS D1.4 AND BE PERFORMED BY A CERTIFIED WELDER. SEE DETAIL ON THE DRAWINGS AND THE SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE FOR AN ALLOWANCE OF 5 TONS OF REINFORCING TO BE FABRICATED AND USED DURING THE CONSTRUCTION AS DIRECTED BY THE ARCHITECT AND STRUCTURAL ENGINEER UNLESS PORTION SHALL BE CREDITED TO OWNER AT THE COMPLETION OF CONCRETE WORK.

STRUCTURAL STEEL & MISCELLANEOUS STEEL:

- STRUCTURAL STEEL SHALL CONFORM TO ASTM A572, OR ASTM A992 GRADE 50. PLATES TO CONFORM TO ASTM A36 U.S. TUBE COLUMNS SHALL CONFORM TO ASTM A500, AND PIPE COLUMNS SHALL CONFORM TO ASTM A53, GRADE B. STEEL BEAMS WHO OR LESS AND ALL ANGLES MAY BE A36 STEEL.
- ALL MATERIAL, FABRICATION AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST A.I.S.C. SPECIFICATIONS AS APPROVED BY THE CHECKING AGENCY AND AS AMENDED IN GENERAL NOTES AND SPECIFICATIONS.
- SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION.
- FABRICATOR SHALL BE ICC LICENSED FABRICATOR. SEE SPECS.
- ALL WELDERS SHALL BE CERTIFIED BY THE CHECKING AGENCY. ALL WELDS SHALL HAVE CONTINUOUS INSPECTION BY A AWS-CWI APPROVED BY DSA. WELDING SHALL CONFORM TO A.W.S. D1.1.
- BOLTS SHALL BE HIGH STRENGTH CONFORMING TO ASTM A-325 "SLIP CRITICAL," EXCEPT AS NOTED. INSTALLATION OF HIGH STRENGTH BOLTS SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A-325 OR A-490 BOLTS.
- BOLT HOLES SHALL BE 1/16 INCH LARGER IN DIAMETER THAN THE BOLT NOMINAL SIZE, U.N.O.
- ALL EXPOSED WELDS SHALL BE GRIND SMOOTH.
- FILLET WELDS NOTED ARE FOR DESIGN LOADS. FOR WELDS TO HEAVY SECTIONS, USE PREHEAT OR INCREASE WELD SIZE PER AISC SPECIFICATIONS.

WOOD FRAMING

- ALL LUMBER TO BE GRADE MARKED DOUGLAS FIR (SEE SPECS). JOISTS, RAFTERS AND STUDS..... USE DOUGLAS #1 AND BETTER. BLOCKING AND PLATES..... USE DOUGLAS #2 BEAMS, STRINGERS AND POSTS..... USE DOUGLAS #1 SILL PLATES..... USE DOUGLAS #1 EXPOSED MEMBERS SHALL BE SELECTED FOR APPEARANCE. MAXIMUM MOISTURE CONTENT AT INSTALLATION IS 19%.
- WOOD SILL PLATES SHALL BE FASTENED WITH 5/8" x 12" BOLTS AT 4'-0" O/C MAX. PLACE A BOLT WITHIN 6" OF END OF EACH PIECE, TWO BOLTS MINIMUM EACH PIECE. GALV. OR STAINLESS STEEL BOLTS & NAILS. SEE SCHEDULE FOR A.B. SIZE AND SPACING AT SHEAR WALLS.
- PROVIDE WASHERS UNDER HEADS AND TAILS OF BOLTS & LAG SCREWS BEARING ON WOOD. NUTS ON ALL BOLTS SHALL BE RETIGHTENED BEFORE CLOSING IN AND/OR ON COMPLETION OF THE JOB. CUT WASHERS MAY BE USED EXCEPT FOR SILL BOLTS AT SHEAR WALLS, HOLDDOWN BOLTS, AND WHERE NOTED OTHERWISE.
- BOLT HOLES TO BE NOMINAL DIAMETER OF BOLT + 1/16" UNLESS NOTED OTHERWISE.
- ROOF SHEATHING AND SHEAR WALL SHEATHING, APA GRADE MARKED EXTERIOR RATED, CDX STRUC-1. SEE PLANS FOR SIZE. SHEATHING SHALL BE IN SINGLE PIECES WHERE POSSIBLE WITH 1'-4" MIN. WIDTH AT FLOOR, 2'-0" MIN. WIDTH AT ROOF SOLID BLOCK ALL EDGES TYPICAL.
- ALL NAILS SHALL BE COMMON WIRE NAILS.
- UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBER SHALL BE CUT, NEITHER DRILLED NOR NOTCHED PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT.
- ALL BOLTS SHALL BE RE-TIGHTENED BEFORE CLOSING-IN FINISHES
- PROVIDE LEAD HOLE 40%-70% OF THREADED SHANK DIAMETER AND FULL DIAMETER FOR SMOOTH SHANK PORTION.

MACHINE NAILING

USE OF MACHINE NAILING IS SUBJECT TO A SATISFACTORY JOBSITE DEMONSTRATION FOR EACH PROJECT AND THE APPROVAL OF THE PROJECT ARCHITECT OR STRUCTURAL ENGINEER AND THE ENFORCEMENT AGENCY. THE APPROVAL IS SUBJECT TO CONTINUED SATISFACTORY PERFORMANCE. MACHINE NAILING IS NOT ALLOWED FOR 5/16 INCH PLYWOOD. IF THE NAIL HEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HELD HAMMER, OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY AND MACHINE NAILING SHALL BE DISCONTINUED.

GLUE-LAMINATED LUMBER

- THE MANUFACTURER OF STRUCTURAL GLUE-LAMINATED TIMBER SHALL COMPLY WITH THE REQUIREMENTS OF CODE SECTION 2312.6. ALL FABRICATION AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE "STANDARD SPECIFICATIONS FOR STRUCTURAL GLUE-LAMINATED DOUGLAS FIR (COAST REGION) LUMBER" BY THE (COAST REGION) DOUGLAS FIR WEST COAST LUMBERMAN'S ASSOCIATION, AND THE CURRENT EDITION OF "TIMBER CONSTRUCTION STANDARDS" BY THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION.
- ALL GLUE-LAMINATED MEMBERS SHALL BE DOUGLAS FIR OR WESTERN LARCH COMBINATION 24F-V8 WITH ADHESIVES FOR USE UNDER INTERIOR EXPOSURE CONFORMING TO ASTM D2559. ALLOWABLE STRESS REQUIREMENTS ARE AS FOLLOWS:

F _{bx} = 2400 psi	TENSION IN TENSION ZONE
= 2400 psi	TENSION IN COMPRESSION ZONE
F _{cx} ± = 650 psi	TENSION FACE
F _{cc} ± = 650 psi	COMPRESSION FACE
F _{xx} = 265 psi	

 E_{xx} = 1.8 x 10 psi
- FINISH OF THE MEMBERS SHALL BE ARCHITECTURAL APPEARANCE FOR EXPOSED MEMBERS AND INDUSTRIAL APPEARANCE FOR CONCEALED MEMBERS IN CONFORMANCE WITH THE STANDARD APPEARANCE GRADES OF THE A.I.T.C.
- THE MANUFACTURER SHALL SUBMIT COMPLETE SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO ANY FABRICATION.
- PROVIDE CAMBERS AS NOTED ON THE DRAWINGS.
- TEMPERATURE OF GLUE-LAMINATED TIMBER IS NOT TO EXCEED 150° F IN SERVICE.
- GLUE-LAMINATED MEMBERS SHOWN ON THESE PLANS ARE FOR DRY CONDITIONS OF USE.
- FABRICATOR OF GLUE LAMINATED BEAMS TO BE LICENSED BY CITY OF LOS ANGELES.
- AN AITC CERTIFICATE OF INSPECTION FOR ALL GLUED LAMINATED TIMBER SHALL BE SUBMITTED TO A BUILDING AND SAFETY DIVISION INSPECTOR PRIOR TO ERECTION.

MASONRY

- BLOCK SHALL BE MEDIUM-WEIGHT UNITS CONFORMING TO ASTM C-90, GRADE S-1. F_m = 1800 PSI. USE BOND BEAM UNITS AT HORIZONTAL REINFORCING. SAND SHALL CONFORM TO ASTM C-144.
- MORTAR SHALL BE TYPE S, ONE PART CEMENT, 1/4 TO 1/2 PART HYDRATED LIME OR LIME PUTTY, 2 1/4 TO 3 PARTS SAND. USE SIKA CHEMICAL RED LABEL ADMIXTURE. MINIMUM STRENGTH 2000 PSI AT 28 DAYS.
- GROUT SHALL HAVE A MINIMUM STRENGTH OF 2000 PSI AT 28 DAYS WITH ONE PART CEMENT, 2 TO 3 PARTS SAND, 1 TO 1 1/4 PARTS PEA GRAVEL. USE SIKA CHEMICAL GROUT AID TYPE I OR II. GROUT SHALL BE MECHANICALLY VIBRATED DURING PLACEMENT.
- REINFORCING STEEL AS SPECIFIED FOR CONCRETE. LAP BARS 40 DIAMETERS MINIMUM AT SPLICES, UNLESS NOTES OTHERWISE. PROVIDE DOWELS FOR WALL REINFORCING OF SAME SIZE AND SPACING BEFORE MASONRY IS STARTED. VERTICAL STEEL TO BE IN PLACE.
- CONCRETE BLOCK WALLS SHALL BE PLACED AND GROUTED SOLID IN 4'-0" MAXIMUM LIFTS.
- PROVIDE A MINIMUM OF ONE BAR DIAMETER (1/2 INCH MINIMUM) GROUT BETWEEN INSIDE FACE OF MASONRY AND MAIN REINFORCING BARS.
- MASONRY WALL CONTROL JOINT SHALL BE 30' MAX. SPACING U.N.O.
- SET AND BRACE VERTICAL REINFORCING BEFORE LAYING MASONRY UNITS.
- PROVIDE 1/2" MINIMUM CLEAR TO ALL REINFORCING STEEL. DO NOT OFFSET BARS AT SPICE. WALL STEEL BAR SPLICES MAY BE TIED TOGETHER.
- LAP ALL REINFORCING BARS 48 DIAMETER MINIMUM AT WALL SPLICES, UNLESS NOTED OTHERWISE. REFER TO DRAWINGS FOR WELDER SPLICES AND BENTS.

EPOXY SET DOWELS IN CONCRETE

- MATERIALS:
 - DOWELS: AS SPECIFIED UNDER REINFORCING STEEL.
 - EPOXY SYSTEM: MILITARY HIT-RE500-SD ICC ESR-2322 SIMPSON "SET-XP" ESR-2508 OR APPROVAL EQUAL.
 - CONFORM TO MANUFACTURER'S WRITTEN INSTRUCTIONS. ADEQUATE MIXING IS CRITICAL TO PERFORMANCE OF EPOXY SYSTEMS.
- DRILLING HOLES: TO DEPTH AND DIAMETER INDICATED ON DRAWINGS, OR WHERE NOT SHOWN, TO HOLE SIZES INDICATED ON SCHEDULE BELOW, WHICH ARE BASED ON DEVELOPING THE FULL TENSILE STRENGTH OF THE BAR FOR CORRECTLY INSTALLED DOWELS. DRILL USING ROCK BITS TO PRODUCE CLEAN, ROUGH HOLES WITH NO DRILLING SLUDG EMBEDDED IN HOLE SIDES.

SCHEDULE OF HOLE SIZES			
REBAR	HOLE DEPTH & DIAMETER	REBAR	HOLE DEPTH & DIAMETER (UNO)
#3	4 1/2"x1/2"	#6	9"x7/8"
#4	6"x 5/8"	#7	10 1/2"x 1"
#5	7 1/2"x3/4"	#8	12 x 1 1/8"

SCHEDULE OF HOLE SIZES			
ALL THREADED ROD	HOLE DEPTH & DIAMETER	ALL THREADED ROD	HOLE DEPTH & DIAMETER (UNO)
3/8	4 1/2"x 7/16"	3/4	9"x7/8"
1/2	6"x 9/16"	7/8	10 1/2"x1"
5/8	7 1/2"x 3/4"	1	12x 1 1/8"

STATEMENT OF SPECIAL INSPECTION AND STRUCTURAL TEST

- THIS SECTION APPLIES TO THE STRUCTURAL PORTIONS OF THE PROJECT REQUIRING SPECIAL INSPECTION. THE SPECIAL INSPECTOR'S DUTIES ARE AS DESCRIBED IN SEC. 1704.2 AND 1705.3 OF CBC COPIES OF TEST RESULTS AND FINAL REPORTS SHALL BE FURNISHED TO THIS ENGINEER IN ADDITION TO OTHER NORMAL DISTRIBUTIONS WITHIN ONE WEEK OF TEST OR INSPECTION.
- ALL TESTS AND INSPECTIONS SHALL BE PERFORMED BY AN INDEPENDENT TESTING AND INSPECTION AGENCY EMPLOYED BY THE OWNER OR ARCHITECT AND NOT THE CONTRACTOR PER CBC SECTION 1704. JOB SITE VISITS BY THE STRUCTURAL ENGINEER DO NOT CONSTITUTE A SPECIAL INSPECTION. THE FIRM PROVIDING SPECIAL INSPECTION SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD. (NOTE: FOUNDATION INSPECTIONS LISTED BELOW ARE PROVIDED BY AN INSPECTOR DESIGNATED BY OTHERS)
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE TEST AND INSPECTION FIRM WITH A SCHEDULE TO FACILITATE THE PROPER COORDINATION OF WORK.
- SPECIAL INSPECTION FOR SEISMIC RESISTANCE FOR DESIGN CATEGORY C,D,E & F SHALL BE DONE IN ACCORDANCE TO SECTION 1705.12
- SPECIAL INSPECTORS SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO SPECIAL WORK
- PORTIONS OF WORK REQUIRING SPECIAL INSPECTION:
 - FOUNDATION:

A. COMPACTED FILL, GRADING AND EXCAVATIONS	YES NO N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. VERIFY BEARING MATERIAL AND PROPER DEPTH		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. SEE CBC TABLE 1705.6 BELOW FOR ANY ADDITIONAL REQUIRED VERIFICATION AND INSPICTION OF CONCRETE CONSTRUCTION		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 - CONCRETE:

A. CONTINUOUS INSPECTION AND TEST CYLINDERS FOR STRUCTURAL CONCRETE EXCEPT FOUNDATION CONCRETE OF 2500 PSI OR LESS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. CONTINUOUS INSPECTION FOR SLAB-ON-GRADE CONCRETE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. TEST CYLINDERS FOR SLAB-ON-GRADE CONCRETE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. SEE CBC TABLE 1705.3 BELOW FOR ANY ADDITIONAL REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 - REINFORCING STEEL:

A. PLACING OF REINFORCING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. SAMPLING AND TESTING OF STEEL (MILL REPORTS AND IDENTIFICATION OF STEEL)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. SEE CBC TABLE 1705.3 BELOW FOR ANY ADDITIONAL REQUIRED VERIFICATION AND INSPECTION OF CONCREE CONSTRUCTION		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 - MASONRY:

A. CONTINUOUS INSPECTION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. MASONRY PRISM TESTING PER ASTM C 1314 AND 2105.3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. SEE TABLE 119.2-2 OF TMS 602-11/ACI 530.1-11/ASCE 6-11 BELOW FOR ANY ADDITIONAL REQUIRED VERIFICATION AND INSPECTION OF MASONRY CONSTRUCTION		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 - STRUCTURAL STEEL:

A. MILL REPORTS AND IDENTIFICATION OF STEEL (AFFIDAVIT OF COMPLIANCE)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. SAMPLING AND TESTING OF SPECIMENS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. SEE TABLES N5.4-1 THRU N5.4-3 AND TABLES N5.6-1 THRU N5.6-3 OF AISC 360-16 FOR ALL STRUCTURAL STEEL.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. SEE TABLES J6-1 THRU J6-3, TABLES J7-1 THRU J7-3 AND TABLE J8-1 OF AISC 341-16 FOR ALL SEISMIC RESISTING STRUCTURAL STEEL ELEMENTS IN SEISMIC DESIGN CATEGORIES C,D,E & F.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. SPECIAL INSPECTION FOR STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH TABLE 1705.2.2. OF CBC.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 - WELDING:

A. ALL STRUCTURAL WELDING (INCLUDES DECKING AND WELDED STUDS), EXCEPT WELDING IN APPROVED SHOPS PER CBC 1704.2.5.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. ULTRASONIC TESTING OF FULL PENETRATION WELD CONNECTIONS AT MOMENT FRAMES, BRACED FRAMES, BEAM SPLICES, AND FIELD WELDS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. STRUCTURAL LIGHT GAGE METAL FRAME WELDING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. REINFORCING STEEL WELDING PER AISC 360-10 AND AISC 341-10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. SEE TABLES N5.4-1 THRU N5.4-3 OF AISC 360-10 FOR ANY ADDITIONAL REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. SEE TABLES J6-1 THRU J6-3 OF AISC 341-10 FOR ANY ADDITIONAL REQUIRED VERIFICATION AND INSPECTION OF WELDING FOR SEISMIC DESIGN CATEGORY C,D,E & F.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 - BOLTING:

A. HIGH STRENGTH BOLT A325SC & A490SC (TORQUE VERIFICATION)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. HIGH STRENGTH BOLT A325N & A490N (SNUG CONTACT OF PLYS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. EXPANSION/ADHESIVE ANCHORS IN CONCRETE OR MASONRY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. ANCHOR BOLTS AT CONCRETE WALLS AND BRACED FRAMES, (BOLT INSTALLATION AND CONCRETE PLACEMENT)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. SEE TABLES N5.6-1 THRU N5.6-3 OF AISC 360-10 FOR ANY ADDITIONAL REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. SEE TABLES J7-1 THRU J7-3 OF AISC 341-10 FOR ANY ADDITIONAL REQUIRED VERIFICATION AND INSPECTION OF BOLTING FOR SEISMIC DESIGN CATEGORY C,D,E & F.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 - APA RATED SHEATHING DIAPHRAGM WITH NAILING ZONE "B" TO "H" AND PLYWOOD SHEAR WALLS. INSPECTION OF SHEATHING, NAIL DIAMETER & LENGTH, NAILING LINES, NAIL SPACING, AND FRAMING WIDTH AT NAIL DIAMETER & LENGTH, NAILING LINES, NAIL SPACING, AND FRAMING WIDTH AT ADJOINING EDGES, PANEL, EDGES, VERIFY APA STAMP, DRAG STRUTS, SILL ANCHORAGE AND HOLDDOWN ANCHORS.

	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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- EACH CONTRACTOR OR SUB-CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A WIND OR SEISMIC FORCE RESISTING SYSTEM/ COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON SUCH SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS.
- PER CBC SECTION 1705.5.2

- INSTALL EPOXY IN HOLES. WHETHER THEY BE OVERHEAD, HORIZONTAL, OR DOWN HAND PER MANUFACTURER'S RECOMMENDATIONS, SO AS TO DEVELOP BAR CAPACITY.
- TESTING: PROOF TESTING REQUIRED FOR 33% OF DOWELS SET. ONE TEST FOR EVERY 3 DOWELS SET FOR THE WORK. TEST CRITERIA IS TO BE 80 PERCENT OF THE YIELD STRENGTH OF THE BAR TESTED, WITHOUT INDICATION OF ANY LOOSENING OR OUTWARD MOVEMENT OF THE DOWEL AND NO CRACKING OR SPALLING OF THE CONCRETE IN WHICH THE DOWEL IS SET. DOWELS FAILING THE PROOF TEST SHALL REQUIRE ANOTHER DOWEL TO BE SET AND TESTED.

SPECIAL INSPECTION

- THIS SECTION APPLIES TO THE STRUCTURAL PORTIONS OF THE PROJECT. THE STATEMENT OF SPECIAL INSPECTION PROVIDES THE MINIMUM REQUIREMENTS FOR SPECIAL INSPECTIONS.
- ALL TESTS AND INSPECTIONS SHALL BE PERFORMED BY AN INDEPENDENT TESTING AND INSPECTION AGENCY EMPLOYED BY THE OWNER AND NOT THE CONTRACTOR PER CBC SECTION 1704.2.
- THE SPECIAL INSPECTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO THE BUILDING OFFICIAL DEMONSTRATING HIS OR HER COMPETENCE AND RELEVANT EXPERIENCE OR TRAINING. THESE QUALIFICATIONS ARE IN ADDITION TO QUALIFICATIONS SPECIFIED IN OTHER SECTIONS OF THE 2022 CALIFORNIA BUILDING CODE.
- AN APPROVED AGENCY SHALL BE OBJECTIVE, COMPETENT, AND INDEPENDENT FROM THE CONTRACTOR RESPONSIBLE FOR THE WORK BEING INSPECTED. THE AGENCY SHALL DISCLOSE POSSIBLE CONFLICTS OF INTEREST SO THAT OBJECTIVITY CAN BE CONFIRMED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A SCHEDULE TO THE TESTING AND INSPECTION AGENCY TO FACILITATE THE PROPER COORDINATION OF THE WORK.
- THE CONSTRUCTION OR WORK FOR WHICH SPECIAL INSPECTION IS REQUIRED SHALL REMAIN ACCESSIBLE AND EXPOSED FOR SPECIAL INSPECTION PURPOSES UNTIL COMPLETION OF THE REQUIRED SPECIAL INSPECTIONS.
- SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, OWNER, AND THE REGISTERED DESIGN PROFESSIONAL IN CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED AT A POINT IN TIME AGREED UPON PRIOR TO THE START OF WORK BY THE PERMIT APPLICANT AND/OR OWNER, AND BUILDING OFFICIAL.
- SPECIAL INSPECTION - INSPECTION OF CONSTRUCTION REQUIRING THE EXPERTISE OF AN APPROVED SPECIAL INSPECTOR IN ORDER TO ENSURE COMPLIANCE WITH THE 2022 CALIFORNIA BUILDING CODE AND THE APPROVED CONSTRUCTION DOCUMENTS.
- SPECIAL INSPECTOR - A QUALIFIED PERSON EMPLOYED OR RETAINED BY AN APPROVED AGENCY AND APPROVED BY THE BUILDING OFFICIAL AS HAVING THE COMPETENCE NECESSARY TO INSPECT A PARTICULAR TYPE OF CONSTRUCTION REQUIRING SPECIAL INSPECTION.
- CONTINUOUS SPECIAL INSPECTION - SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS PRESENT WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED AND VISUALLY OBSERVED EACH ELEMENT REQUIRING SPECIAL INSPECTION.
- PERIODIC SPECIAL INSPECTION - SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED. THE SPECIAL INSPECTOR SHALL AT A MINIMUM INSPECT 10% OF THE WORK PERFORMED EACH DAY ON A RANDOM BASIS. INSPECTION OF THE WORK PERFORMED EACH DAY MAY BE COMPLETED AFTER THE DAY THE WORK HAS BEEN PERFORMED PROVIDED INSPECTION IS NOT REQUIRED WHILE THE WORK IS BEING PERFORMED IN ACCORDANCE WITH THE REQUIRED SPECIAL INSPECTIONS BELOW.
- CONTINUOUS SPECIAL INSPECTION BY A REGISTERED LABORATORY INSPECTOR, ACCEPTABLE TO THE ARCHITECT AND THE CITY OF BAKERSFIELD, SHALL BE PROVIDED FOR THE FOLLOWING (SEE SPECIFICATIONS ALSO).

CONCRETE - SPECIAL INSPECTIONS AND VERIFICATIONS FOR CONCRETE CONSTRUCTION SHALL BE REQUIRED BY TABLE 1705.3.3 OF CBC.
EXPANSION / EPOXY TYPE ANCHORS
FOUNDATIONS - ALL INSPECTIONS CALLED FOR IN GEOTECHNICAL ENGINEER'S REPORT FOR SPECIFIC INSPECTION REQUIREMENTS BY THE SOILS ENGINEER'S REPRESENTATIVE INCLUDING SITE PREPARATION, EXCAVATION AND BACKFILLING.
- REINFORCING STEEL PLACEMENT FOR ALL CONCRETE.

MASONRY - LAYING AND GROUTING OF CMU & REINFORCEMENT PLACEMENT. EMBEDDED PLATE WASHERS AT HOLD DOWN ANCHORS.
--
- PERIODIC SPECIAL INSPECTION IS REQUIRED FOR WOOD SHEAR WALLS, SHEAR PANELS, AND DIAPHRAGMS, INCLUDING NAILING, BOLTING, ANCHORING, AND OTHER FASTENING TO COMPONENTS OF THE SEISMIC FORCE RESISTING SYSTEM. SPECIAL INSPECTION BY A DEPUTY INSPECTOR IS REQUIRED WHERE THE FASTENER SPACING OF THE SHEATHING IS MORE THAN 4 INCHES ON CENTER. PER CBC SECTION 1705.12.
- IF THE SHOP IS TO BE CONSIDERED AN APPROVAL STEEL FABRICATOR PER CBC SECTION 1704.2.5, PROVIDE APPROVAL FROM A CERTIFIED INDEPENDENT TESTING AGENCY. THE QUALITY ASSURANCE INSPECTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH AISC-360.

- ALL SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF CBC SECTIONS 1704.3 AND 1705 AND ANY ADDITIONAL REQUIREMENTS STATED IN THESE DRAWINGS AND/OR THE PROJECT SPECIFICATIONS
- PER CBC SECTION 1705.13, THE FOLLOWING SPECIAL INSPECTIONS ARE REQUIRED FOR ALL STRUCTURES IN KERN COUNTY DUE TO SEISMICITY, EXCEPT:
 - SPECIAL INSPECTION FOR STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE REQUIREMENTS OF AISC 341 PER SECTION 1705.13.1, SEE EXCEPTION.
 - PERIODIC SPECIAL INSPECTION IS REQUIRED FOR WOOD NAILING, BOLTING, ANCHORING, AND OTHER FASTENING OF COMPONENTS WITHIN THE SEISMIC FORCE RESISTING SYSTEM, INCLUDING WOOD SHEAR WALLS, WOOD DIAPHRAGMS, DRAG STRUTS, BRACES, SHEAR PANELS, AND HOLD-DOWNS PER SECTION 1705.13.2. (FOR SHEAR WALL WITH A 4 INCH ON CENTER SPACING)
 - PER SECTION 1705.13.4, THE SPECIAL INSPECTOR SHALL EXAMINE DESIGNATED SEISMIC SYSTEMS REQUIRING SEISMIC QUALIFICATION IN ACCORDANCE WITH SECTION 13.2.2 OF ASCE 7 AND VERIFY THAT THE LABEL, ANCHORAGE AND MOUNTING CONFORM TO THE CERTIFICATE OF COMPLIANCE.
 - PERIODIC SPECIAL INSPECTION IS REQUIRED DURING THE ANCHORAGE OF ELECTRICAL EQUIPMENT FOR EMERGENCY OR STANDBY POWER SYSTEMS PER SECTION 1705.13.6 ITEM #1.
 - PERIODIC SPECIAL INSPECTION IS REQUIRED DURING THE INSTALLATION AND ANCHORAGE OF VIBRATION ISOLATION SYSTEMS PER SECTION 1705.13.6 ITEM #5.
 - PERIODIC SPECIAL INSPECTION IS REQUIRED DURING THE INSTALLATION OF MECHANICAL AND ELECTRICAL EQUIPMENT AND THEIR SUPPORTS WHERE FIRE SPRINKLER SYSTEMS ARE INSTALLED PER SECTION 1705.13.6 ITEM #6.
 - PERIODIC SPECIAL INSPECTION IS REQUIRED DURING THE INSTALLATION AND ANCHORAGE OF VIBRATION ISOLATION SYSTEMS PER SECTION 1705.13.6 ITEM #5.
 - STEEL STORAGE RACKS AND STEEL CANTILEVERED STORAGE RACKS THAT ARE 8 FEET IN HEIGHT OR GREATER AND ASSIGNED TO SEISMIC DESIGN CATEGORY D, E OR F SHALL BE PROVIDED WITH PERIODIC SPECIAL INSPECTION

DESIGN CRITERIA

- DESIGN LOADS
 - ROOF LIVE LOADS - 20 psf (REDUCIBLE)
 - DEAD LOADS:

ROOF (FLAT)	16 psf
-----------------------	--------
- DESIGN IMPORTANCE FACTOR WIND = 1.0 OCCUPANCY CATEGORY II
DESIGN IMPORTANCE FACTOR SEISMIC = 1.0 OCCUPANCY CATEGORY II
OCCUPANCY CATEGORY II
- WIND PRESSURE BASED ON 95 MPH EXPOSURE C, RISK CATEGORY II
- DESIGN (LATERAL FORCES SEISMIC):
FOR STRENGTH DESIGN SEISMIC V = $\frac{Sds \cdot I \cdot W}{R}$ (0.7V FOR WORKING STRESS DESIGN)
FOR WORKING STRESS DESIGN: Fw=1.2Q; Fw=1.968
=6.5 WOOD SHEAR PANELS; I=1.0; p=1.3
0.7V = 0.102W
SEISMIC DESIGN CATEGORY D; SITE CLASS D
Ss=0.909; S1=0.332; Sds=0.727; Sd1=0.436
- WIND PRESSURE BASED ON 95 MPH, EXPOSURE C, RISK CATEGORY II
APPLICABLE INTERNAL PRESSURE COEFFICIENT 0.18
DESIGN WIND PRESSURE TO BE USED FOR EXTERIOR COMPONENT AND CLADDING MATERIAL 30 psf.



TABLE J7.1 Inspection Tasks Prior To Bolting				
Inspection Tasks Prior To Bolting	QC		QA	
	Task	Doc.	Task	Doc.
Proper fasteners selected for the joint detail	O	—	O	—
Proper bolting procedure selected for joint detail	O	—	O	—
Connecting elements, including the faying surface condition and hole preparation, if specified, meet applicable requirements	O	—	O	—
Pre-installation verification testing by installation personnel observed for fastener assemblies and methods used	P	D	O	D
Proper storage provided for bolts, nuts, washers and other fastener components	O	—	O	—

TABLE J7.2 Inspection Tasks During Bolting				
Inspection Tasks During Bolting	QC		QA	
	Task	Doc.	Task	Doc.
Fastener assemblies placed in all holes and washers (if required) are positioned as required	O	—	O	—
Joint brought to the snug tight condition prior to the pretensioning operation	O	—	O	—
Fastener component not turned by the wrench prevented from rotating	O	—	O	—
Bolts are pretensioned progressing systematically from the most rigid point toward the free edges	O	—	O	—

TABLE J7.3 Inspection Tasks After Bolting				
Inspection Tasks After Bolting	QC		QA	
	Task	Doc.	Task	Doc.
Document accepted and rejected connections	P	D	P	D

TABLE J8.1 Other Inspection Tasks				
Other Inspection Tasks	QC		QA	
	Task	Doc.	Task	Doc.
RBS requirements, if applicable –Contour and finish –Dimensional tolerances	P	D	P	D
Protected zone—no holes and unapproved attachments made by fabricator or erector, as applicable	P	D	P	D

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TABLE N5.6-2 Inspection Tasks During Bolting			
Inspection Tasks During Bolting	QC	QA	
Fastener assemblies placed in all holes and washers and nuts are positioned as required	O	O	
Joint brought to the snug-tight condition prior to the pretensioning operation	O	O	
Fastener component not turned by the wrench prevented from rotating	O	O	
Fasteners are pretensioned in accordance with the RCSC Specification, progressing systematically from the most rigid point toward the free edges	O	O	

TABLE N5.6-3 Inspection Tasks After Bolting			
Inspection Tasks After Bolting	QC	QA	
Document acceptance or rejection of bolted connections	P	P	

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AMERICAN INSTITUTE OF STEEL CONSTRUCTION

TABLE J6.3 Visual Inspection Tasks After Welding				
Visual Inspection Tasks After Welding	QC		QA	
	Task	Doc.	Task	Doc.
Welds cleaned	O	—	O	—
Size, length, and location of welds	P	—	P	—
Welds meet visual acceptance criteria –Crack prohibition –Weld/base-metal fusion –Crater cross section –Weld profiles and size –Undercut –Porosity	P	D	P	D
k-area ¹	P	D	P	D
Placement of reinforcing or contouring fillet welds (if required)	P	D	P	D
Backing removed, weld tabs removed and finished, and fillet welds added (if required)	P	D	P	D
Repair activities	P	—	P	D

¹ When welding of doubler plates, continuity plates or stiffeners has been performed in the k-area, visually inspect the web k-area for cracks within 3 in. (75 mm) of the weld. The visual inspection shall be performed no sooner than 48 hours following completion of the welding.

UT examination of welds using alternative techniques in compliance with AWS D1.1/D1.1M Annex Q is permitted.

Weld discontinuities located within the groove weld throat shall be accepted or rejected on the basis of criteria of AWS D1.1/D1.1M Table 6.2, except when alternative techniques are used, the criteria shall be as provided in AWS D1.1/D1.1M Annex Q.

2c. Base Metal NDT for Lamellar Tearing and Laminations

After joint completion, base metal thicker than 12 in. (38 mm) loaded in tension in the through-thickness direction in T- and corner-joints, where the connected material is greater than w in. (19 mm) and contains CJP groove welds, shall be ultrasonically tested for discontinuities behind and adjacent to the fusion line of such welds. Any base metal discontinuities found within t/4 of the steel surface shall be accepted or rejected on the basis of criteria of AWS D1.1/D1.1M Table 6.2, where t is the thickness of the part subjected to the through-thickness strain.

2d. Beam Cope and Access Hole NDT

At welded splices and connections, thermally cut surfaces of beam copes and access holes shall be tested using magnetic particle testing or penetrant testing, when the flange thickness exceeds 12 in. (38 mm) for rolled shapes, or when the web thickness exceeds 12 in. (38 mm) for built-up shapes.

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TABLE N5.6-1 Inspection Tasks Prior to Bolting			
Inspection Tasks Prior to Bolting	QC	QA	
Manufacturer's certifications available for fastener materials	O	P	
Fasteners marked in accordance with ASTM requirements	O	O	
Correct fasteners selected for the joint detail (grade, type, bolt length if threads are to be excluded from shear plane)	O	O	
Correct bolting procedure selected for joint detail	O	O	
Connecting elements, including the appropriate faying surface condition and hole preparation, if specified, meet applicable requirements	O	O	
Pre-installation verification testing by installation personnel observed and documented for fastener assemblies and methods used	P	O	
Protected storage provided for bolts, nuts, washers and other fastener components	O	O	

TABLE J6.1 Visual Inspection Tasks Prior to Welding				
Visual Inspection Tasks Prior to Welding	QC		QA	
	Task	Doc.	Task	Doc.
Material identification (Type/Grade)	O	—	O	—
Welder identification system	O	—	O	—
Fit-up of Groove Welds (including joint geometry) –Joint preparation –Dimensions (alignment, root opening, root face, bevel) –Cleanliness (condition of steel surfaces) –Tacking (tack weld quality and location) –Backing type and fit (if applicable)	P/O**	—	O	—
Configuration and finish of access holes	O	—	O	—
Fit-up of Fillet Welds –Dimensions (alignment, gaps at root) –Cleanliness (condition of steel surfaces) –Tacking (tack weld quality and location)	P/O**	—	O	—

** Following performance of this inspection task for ten welds to be made by a given welder, with the welder demonstrating understanding of requirements and possession of skills and tools to verify these items, the Perform designation of this task shall be reduced to Observe, and the welder shall perform this task. Should the inspector determine that the welder has discontinued performance of this task, the task shall be returned to Perform until such time as the Inspector has re-established adequate assurance that the welder will perform the inspection tasks listed.

TABLE J6.2 Visual Inspection Tasks During Welding				
Visual Inspection Tasks During Welding	QC		QA	
	Task	Doc.	Task	Doc.
WPS followed –Settings on welding equipment –Travel speed –Selected welding materials –Shielding gas type/flow rate –Preheat applied –Interpass temperature maintained (min/max.) –Proper position (F, V, H, OH) –Intermix of filler metals avoided unless approved	O	—	O	—
Use of qualified welders	O	—	O	—
Control and handling of welding consumables –Packaging –Exposure control	O	—	O	—
Environmental conditions –Wind speed within limits –Precipitation and temperature	O	—	O	—
Welding techniques –Interpass and final cleaning –Each pass within profile limitations –Each pass meets quality requirements	O	—	O	—
No welding over cracked tacks	O	—	O	—

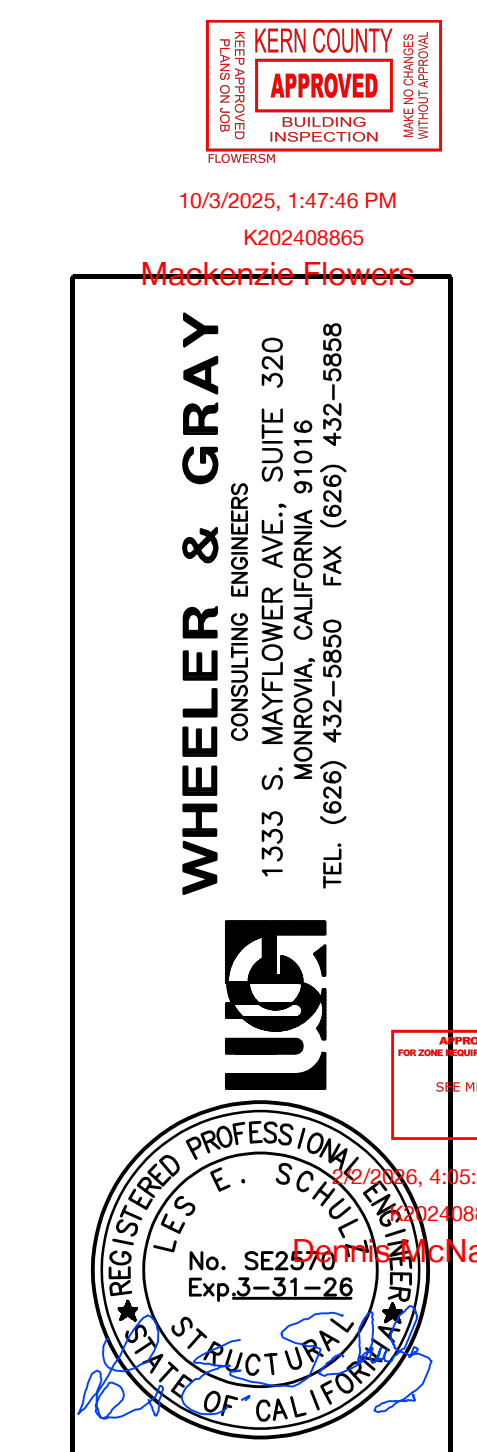
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TABLE 1705.3 REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION				
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARDS	IBC REFERENCE
1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.	—	X	ACI 318: 3.5, 7.1–7.7	1910.4
2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.2.2, ITEM 2.	—	—	AWS D1.4 ACI 318: 3.5.2	—
3. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	—	X	ACI 318: 8.1.3, 21.2.8	1908.5, 1909.1
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS ^a .	—	X	ACI 318: 3.8.6, 8.1.3, 21.2.8	1909.1
5. VERIFYING USE OF REQUIRED DESIGN MIX.	—	X	ACI 318: CH. 4, 5.2–5.4	1904.2, 1910.2, 1910.3
6. AT THE TIME OF FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	—	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8	1910.10
7. INSPECTION OF CONCRETE AND "SHOICREIE" PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	—	ACI 318: 5.9, 5.10	1910.6, 1910.7, 1910.8
8. INSPECTION OF MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	—	X	ACI 318: 5.11–5.13	1910.9
9. INSPECTION OF PRESTRESSED CONCRETE: a. APPLICATION OF PRESTRESSING FORCES. b. GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC-FORCE-RESISTING SYSTEM.	X	—	ACI 318: 18.20 ACI 318: 18.18.4	—
10. ERECTION OF PRECAST CONCRETE MEMBERS.	—	X	ACI 318: CH. 16	—
11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	—	X	ACI 318: 6.2	—
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	—	X	ACI 318: 6.1.1	—

FOR SI: 1 INCH=25.4 mm.
a: WHERE APPLICABLE, SEE ALSO SECTION 1705.11, SPECIAL INSPECTION FOR SEISMIC RESISTANCE.
b: SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH ACI 355.2 OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO COMMENCEMENT OF THE WORK.



These drawings, related specifications, plans, designs and programs represent the work and the property of the architect and are to be used only for the project and site for which they were prepared and are not to be used for any other project without the written consent of the architect. Visual content and these drawings or specifications shall constitute the entire contract for these drawings.



A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

SEC. OF DOWNING AVE & WEAR ST BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR

REVISION	DESCRIPTION

JOB	DP	PM

S1.1A

These drawings, related specifications, plans, designs and programmatic information hereby are and shall remain the property of the architect and shall not be used for any other project, other than the specific project herein, without the written consent of the architect. Visual content and other information on these drawings and specifications shall constitute a contract of these drawings.

KERN COUNTY
APPROVED
WHEELER & GRAY
REGISTERED PROFESSIONAL ENGINEERS
CONSULTING ENGINEERS
1333 S. MAYFLOWER AVE., SUITE 320
MONROVIA, CALIFORNIA 91016
TEL. (626) 432-5856 FAX (626) 432-5858
K202-098965
10/3/2025, 1:47:46 PM
Madeline Flowers

WHEELER & GRAY
REGISTERED PROFESSIONAL ENGINEERS
CONSULTING ENGINEERS
1333 S. MAYFLOWER AVE., SUITE 320
MONROVIA, CALIFORNIA 91016
TEL. (626) 432-5856 FAX (626) 432-5858
K202-098965
10/3/2025, 1:47:46 PM
Madeline Flowers

TABLE N5.4-3
Inspection Tasks After Welding

Inspection Tasks After Welding	QC	QA
Welds cleaned	O	O
Size, length and location of welds	P	P
Welds meet visual acceptance criteria <ul style="list-style-type: none"> Crack prohibition Weld/base-metal fusion Crater cross section Weld profiles Weld size Undercut Porosity 	P	P
Arc strikes	P	P
k-area[a]	P	P
Weld access holes in rolled heavy shapes and built-up heavy shapes[b]	P	P
Backing removed and weld tabs removed (if required)	P	P
Repair activities	P	P
Document acceptance or rejection of welded joint or member	P	P
No prohibited welds have been added without the approval of the EOR	O	O

[a] When welding of doubler plates, continuity plates or stiffeners has been performed in the k-area, visually inspect the weld k-area for cracks within 3 in. (75 mm) of the weld.
[b] After rolled heavy shapes (see Section A3.1c) and built-up heavy shapes (see Section A3.1d) are welded, visually inspect the weld access hole for cracks.

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AMERICAN INSTITUTE OF STEEL CONSTRUCTION

TABLE N5.4-1
Inspection Tasks Prior to Welding

Inspection Tasks Prior to Welding	QC	QA
Welder qualification records and continuity records	P	O
WPS available	P	P
Manufacturer certifications for welding consumables available	P	P
Material identification (type/grade)	O	O
Welder identification system[a]	O	O
Fit-up of groove welds (including joint geometry) <ul style="list-style-type: none"> Joint preparations Dimensions (alignment, root opening, root face, bevel) Cleanliness (condition of steel surfaces) Tacking (tack weld quality and location) Backing type and fit (if applicable) 	O	O
Fit-up of CJP groove welds of HSS T-, Y- and K-joints without backing (including joint geometry) <ul style="list-style-type: none"> Joint preparations Dimensions (alignment, root opening, root face, bevel) Cleanliness (condition of steel surfaces) Tacking (tack weld quality and location) 	P	O
Configuration and finish of access holes	O	O
Fit-up of fillet welds <ul style="list-style-type: none"> Dimensions (alignment, gaps at root) Cleanliness (condition of steel surfaces) Tacking (tack weld quality and location) 	O	O
Check welding equipment	O	-

[a] The fabricator or erector, as applicable, shall maintain a system by which a welder who has welded a joint or member can be identified. Stamps, if used, shall be the low-stress type.

TABLE N5.4-2
Inspection Tasks During Welding

Inspection Tasks During Welding	QC	QA
Control and handling of welding consumables <ul style="list-style-type: none"> Packaging Exposure control 	O	O
No welding over cracked tack welds	O	O
Environmental conditions <ul style="list-style-type: none"> Wind speed within limits Precipitation and temperature 	O	O
WPS followed <ul style="list-style-type: none"> Settings on welding equipment Travel speed Selected welding materials Shielding gas type/flow rate Preheat applied Interpass temperature maintained (min./max.) Proper position (F, V, H, OH) 	O	O
Welding techniques <ul style="list-style-type: none"> Interpass and final cleaning Each pass within profile limitations Each pass meets quality requirements 	O	O
Placement and installation of steel headed stud anchors	P	P

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TABLE 2304.10.1
FASTENING SCHEDULE

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
Roof		
1. Blocking between ceiling joists, rafters or trusses to top plate or other framing below	3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each end, toenail
Blocking between rafters or truss not at the wall top plate, to rafter or truss	2-8d common (2 1/2" x 0.131"); or 2-3" x 0.131" nails; or 2-3" 14 gage staples	Each end, toenail
Flat blocking to truss and web filler	2-16d common (3/2" x 0.162"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples	End nail
2. Ceiling joists to top plate	16d common (3/2" x 0.162") @ 6' o.c.; or 3" x 0.131" nails @ 6' o.c.; or 3" x 14 gage staples @ 6' o.c.	Face nail
3. Ceiling joist not attached to parallel rafter, laps over partitions (see Section 2308.7.3.1, Table 2308.7.3.1)	3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each joist, toenail
4. Ceiling joist attached to parallel rafter (heel joint) (see Section 2308.7.3.1, Table 2308.7.3.1)	Per Table 2308.7.3.1	Face nail
5. Collar tie to rafter	3-10d common (3" x 0.148"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Face nail
6. Rafter or roof truss to top plate (See Section 2308.7.5, Table 2308.7.5)	3-10 common (3" x 0.148"); or 3-16d box (3/2" x 0.135"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Toenail
7. Roof rafters to ridge valley or hip rafters; or roof rafter to 2-inch ridge beam	2-16d common (3/2" x 0.162"); or 3-10d box (3" x 0.128"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	End nail

(continued)

TABLE 2304.10.1—continued
FASTENING SCHEDULE

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
Wall		
8. Stud to stud (not at braced wall panels)	16d common (3/2" x 0.162"); or 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	24" o.c. face nail
9. Stud to stud and abutting studs at intersecting wall corners (at braced wall panels)	16d common (3/2" x 0.162"); or 16d box (3/2" x 0.135"); or 3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	16" o.c. face nail
10. Built-up header (2" to 2" header)	16d common (3/2" x 0.162"); or 16d box (3/2" x 0.135"); or 4-8d common (2 1/2" x 0.131"); or 4-10d box (3" x 0.128")	12" o.c. each edge, face nail
11. Continuous header to stud	16d common (3/2" x 0.162"); or 16d box (3/2" x 0.135"); or 3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	16" o.c. face nail
12. Top plate to top plate	10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	12" o.c. face nail
13. Top plate to top plate, at end joints	8-16d common (3/2" x 0.162"); or 12-10d box (3" x 0.128"); or 12-3" x 0.131" nails; or 12-3" 14 gage staples, 7/16" crown	Each side of end joint, face nail (minimum 24" lap splice length each side of end joint)
14. Bottom plate to joist, rim joist, band joist or blocking (not at braced wall panels)	16d common (3/2" x 0.162"); or 16d box (3/2" x 0.135"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	12" o.c. face nail
15. Bottom plate to joist, rim joist, band joist or blocking at braced wall panels	2-16d common (3/2" x 0.162"); or 3-16d box (3/2" x 0.135"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	16" o.c. face nail
16. Stud to top or bottom plate	2-8d common (2 1/2" x 0.131"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown; or 2-16d common (3/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Toenail
17. Top plates, laps at corners and intersections	2-16d common (3/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Face nail

(continued)

TABLE 2304.10.1—continued
FASTENING SCHEDULE

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
Wall		
18. 1" brace to each stud and plate	2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2-3" x 0.131" nails; or 2-3" 14 gage staples, 7/16" crown	Face nail
19. 1" x 6" sheathing to each bearing	2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128")	Face nail
20. 1" x 8" and wider sheathing to each bearing	3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128")	Face nail
Floor		
21. Joist to sill, top plate, or girder	3-8d common (2 1/2" x 0.131"); or floor 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Toenail
22. Rim joist, band joist, or blocking to top plate, sill or other framing below	8d common (2 1/2" x 0.131"); or 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	6" o.c., toenail
23. 1" x 6" subfloor or less to each joist	2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128")	Face nail
24. 2" subfloor to joist or girder	2-16d common (3/2" x 0.162")	Face nail
25. 2" planks (plank & beam - floor & roof)	2-16d common (3/2" x 0.162")	Each bearing, face nail
26. Built-up girders and beams, 2" lumber layers	2M common (4" x 0.192"); or 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	32" o.c., face nail at top and bottom staggered on opposite sides
27. Ledger strip supporting joists or rafters	3-16d common (3/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Each joist or rafter, face nail
28. Joist to band joist or rim joist	3-16d common (3/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	End nail
29. Bridging or blocking to joist, rafter or truss	2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2-3" x 0.131" nails; or 2-3" 14 gage staples, 7/16" crown	Each end, toenail

(continued)

TABLE 2304.10.1—continued
FASTENING SCHEDULE

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
Wood structural panels (WSP), subfloor, roof and interior wall sheathing to framing and particleboard wall sheathing to framing		
		Edges (inches) Intermediate supports (inches)
Interior paneling		
40. 1/2"	8d casing (1 1/2" x 0.080"); or 8d finish (1 1/2" x 0.072")	6 12
41. 3/4"	8d casing (2" x 0.099"); or 8d finish (Panel supports at 24 inches)	6 12

For SI: 1 inch = 25.4 mm.
a. Nails spaced at 6 inches at intermediate supports where spans are 48 inches or more. For nailing of wood structural panel and particleboard sheathing and shear walls, refer to Section 2305. Nails for wall sheathing are permitted to be common, box or casing.
b. Spacing shall be 6 inches on center on the edges and 12 inches on center at intermediate supports for nonstructural applications. Panel supports at 16 inches (20 inches if strength data in the long direction of the panel, unless otherwise marked).
c. Where a rafter is fastened to an adjacent parallel ceiling joist in accordance with this schedule and the ceiling joist is fastened to the top plate in accordance with this schedule, the number of toenails in the rafter shall be permitted to be reduced by one nail.
d. RSRS-01 is a Roof Sheathing Ring Shank nail meeting the specifications in ASTM F162.

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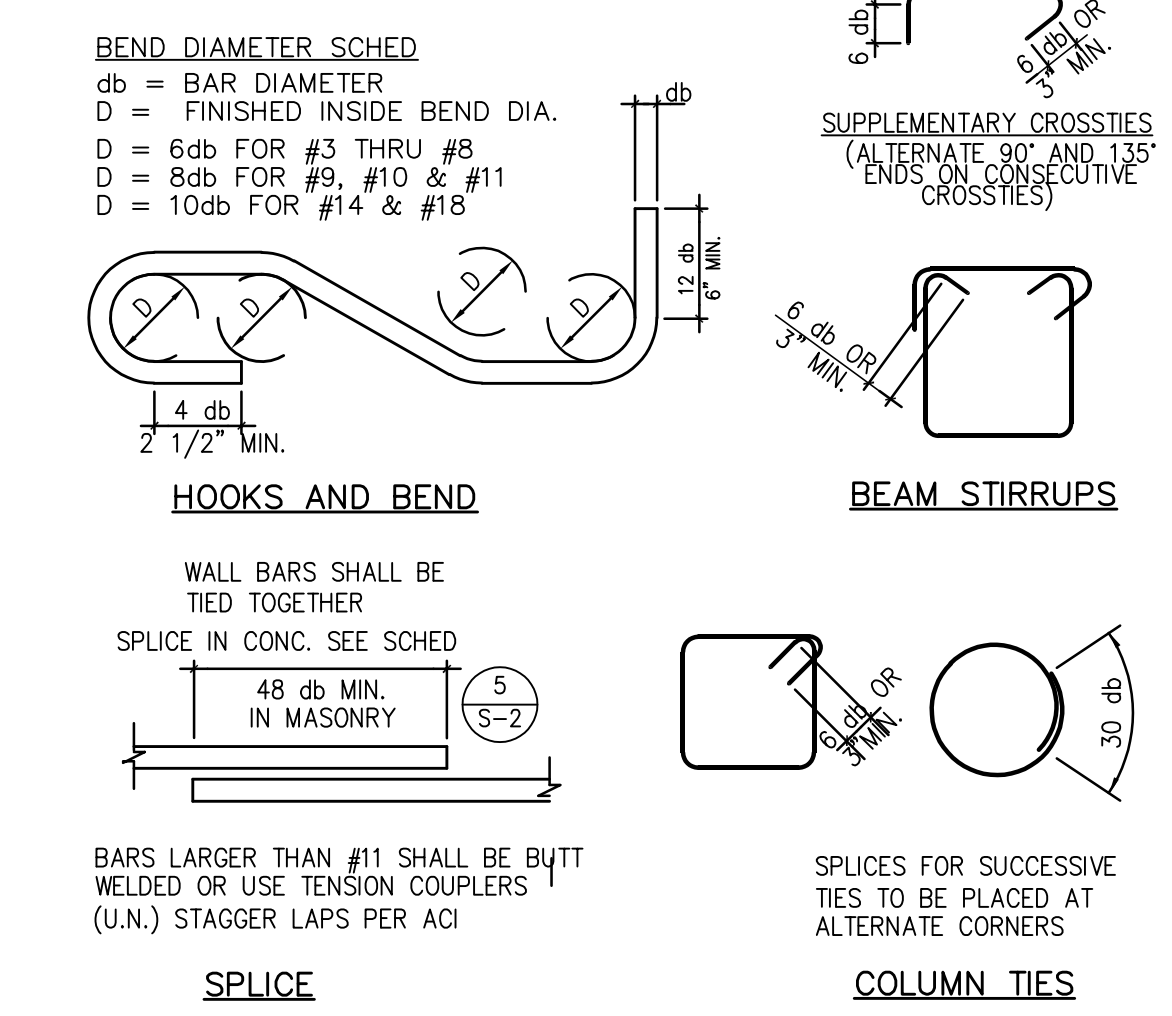
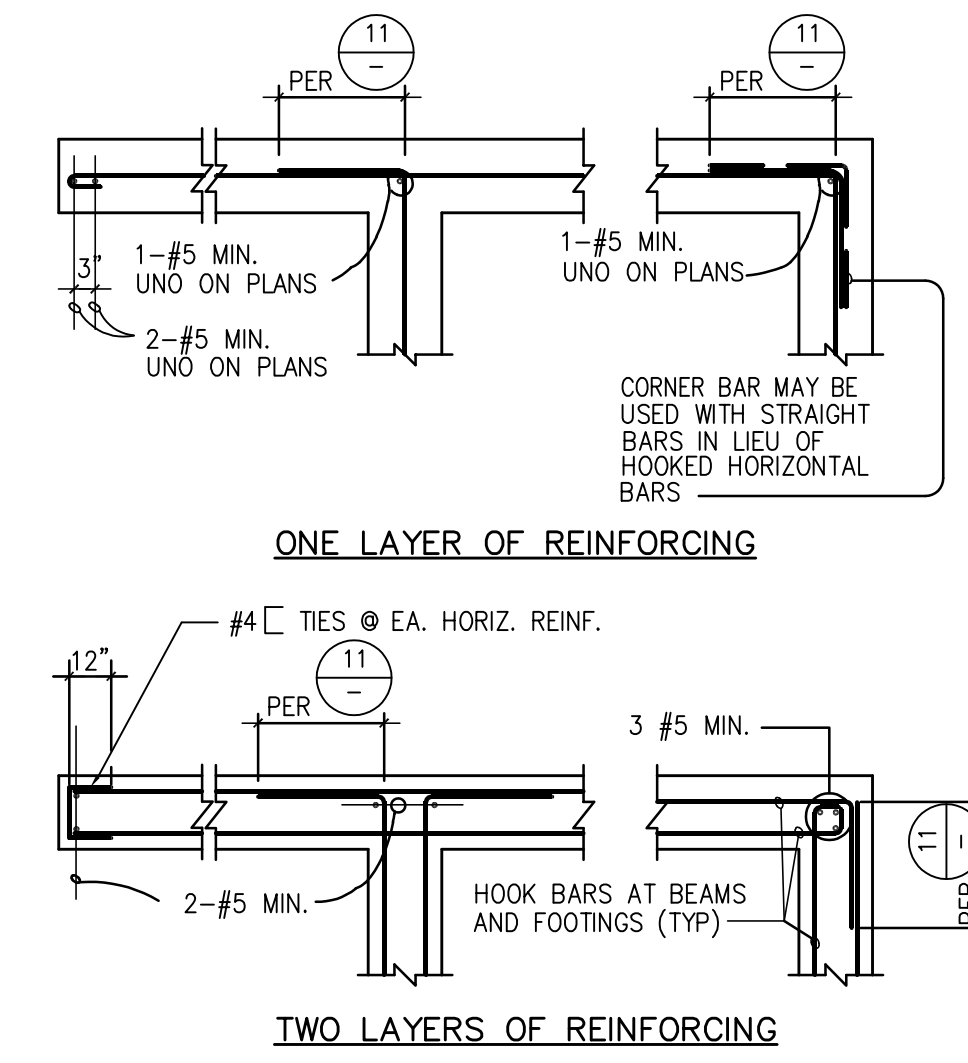
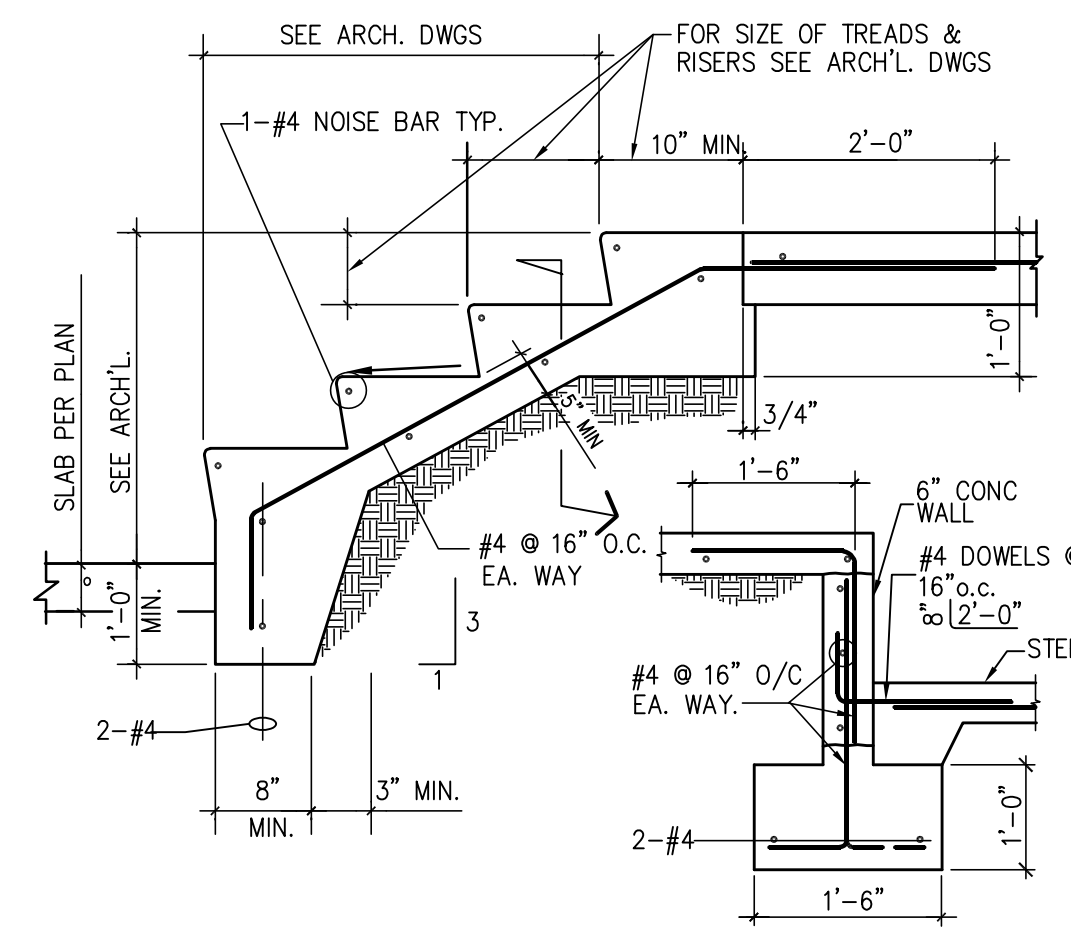
DATE	ISSUED FOR

REVISION	DESCRIPTION

JOB	DP	PM

S1.1B

JOIST OR RAFTER TO SIDES OF STUDS (8) INCH JOIST OR LESS 3-16d
 FOR EA. ADDITIONAL FOUR (4) INCHES IN DEPTH OF JOIST 1-16d
 JOIST OR RAFTERS AT ALL BEARINGS TOE NAILS, EA. SIDE 2-10d
 STUDS TO BEARINGS, TOE NAILS EA. SIDE 2-10d
 BLOCKING BETWEEN JOISTS OR RAFTERS. 2-10d
 TO JOIST OR RAFTERS TOE NAILS, EA. SIDE EA. END 2-10d
 TO JOIST OR RAFTERS BEARINGS, TOE NAILS, EA. SIDE 2-16d
 BLOCKING BETWEEN STUDS, EA. END 2-10d TOE OR END NAIL
 CROSS BRIDGING BTWN JOISTS OR RAFTERS 2-8d
 TOE NAIL EA. SIDE, EA. END 2-8d
 RIBBONS TO STUDS 2-8d
 1 X RIBBONS 2-8d
 2 X RIBBONS 2-16d
 DOUBLE TOP PLATES (LAP 6'-0" MIN.) 2-16d
 LOWER PLATE TO TOP OF STUD 2-16d
 UPPER PLATE TO LOWER PLATE - STAGGERED 16d @ 12" O.C.
 UPPER PLATE TO LOWER PLATE AT INTERSECTION 3-16d
 MULTIPLE STUDS STAGGER FOR WIDTH MORE THAN 4" 16d @ 12" O.C.
 BUILT-UP BM'S 16d @ 12"
 12" OR LESS IN DEPTH (STAGGER NAILS) 16d @ 12"
 MORE THAN 12" IN DEPTH (STAGGER BOLTS) 1/2" @ 24"
 ALL NAILS SHALL BE COMMON WIRE NAILS.
 USE GALVANIZED NAILS WHERE EXPOSED TO WEATHER.
 PREDRILLED HOLES FOR NAILS, WHERE NECESSARY TO PREVENT SPLITTING,
 SHALL BE BORED WITH A DIAMETER SMALLER THAN THAT OF THE NAILS.
 WHERE POSSIBLE, FACE NAILS SHALL BE USED INSTEAD OF TOE NAILS.

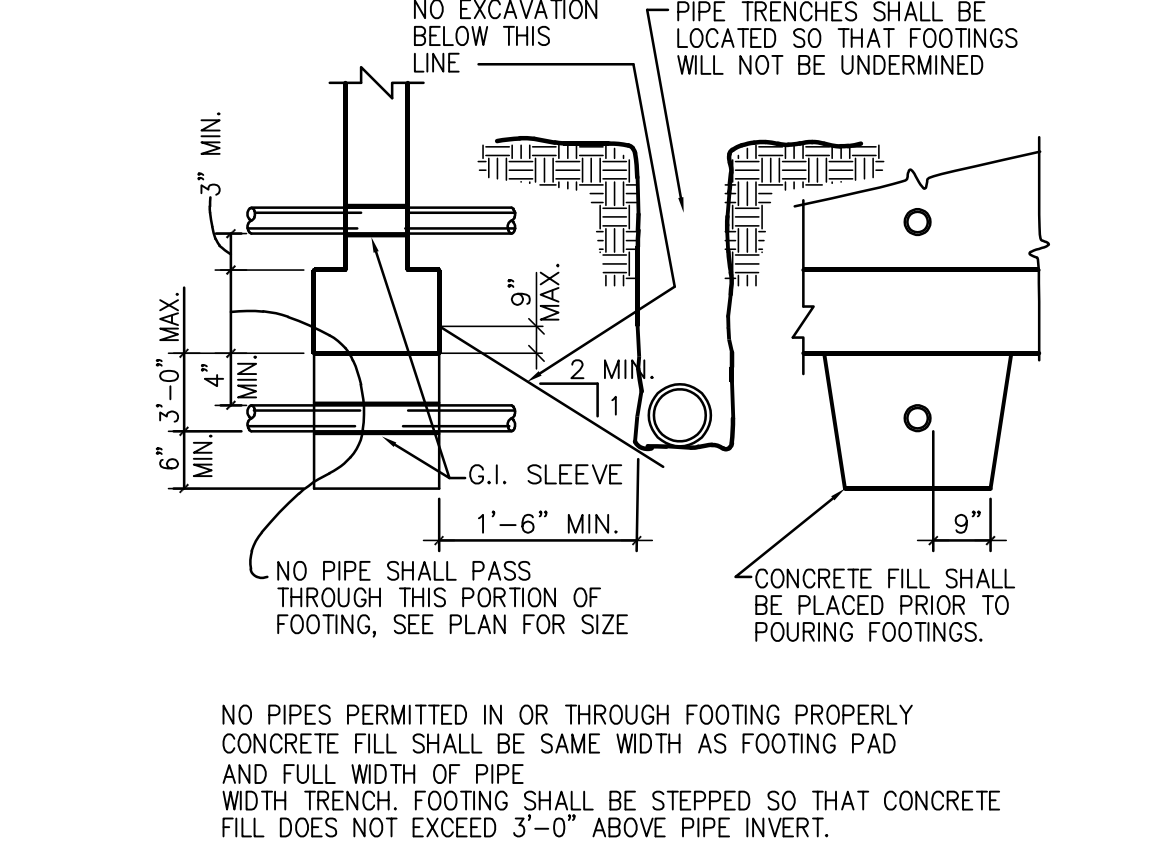
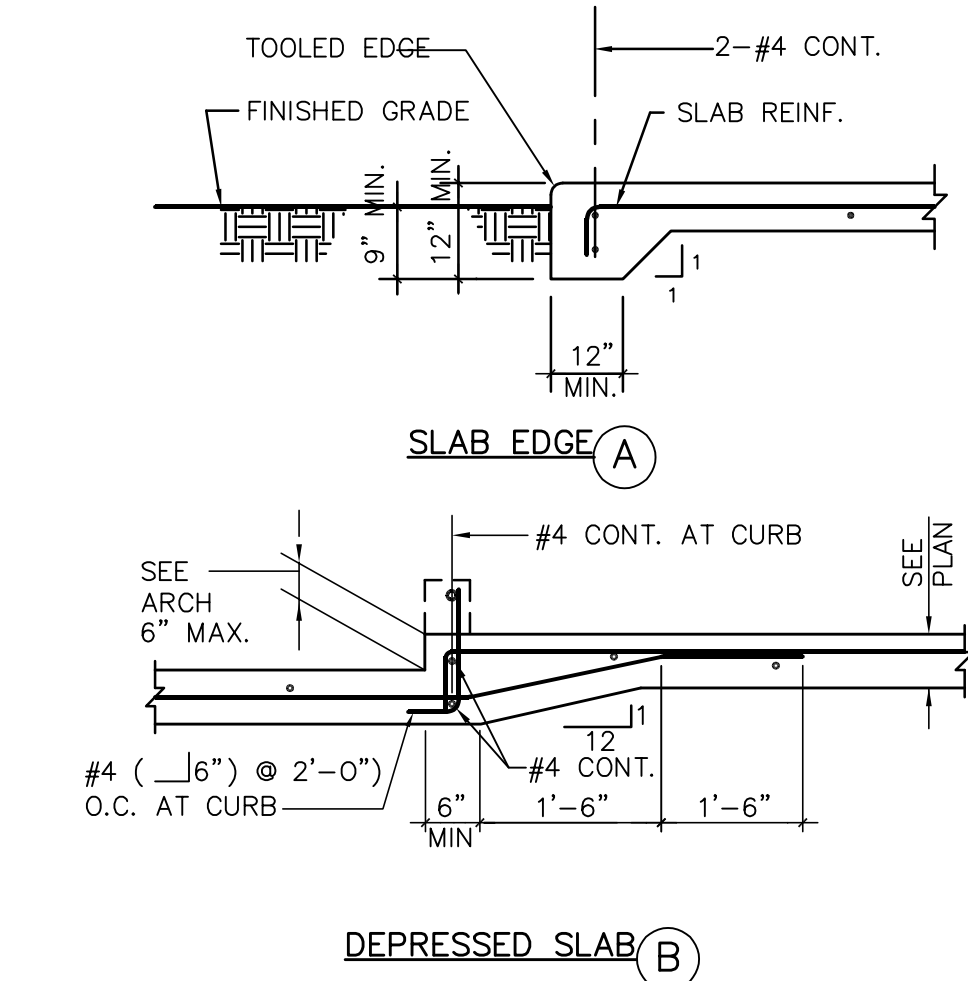
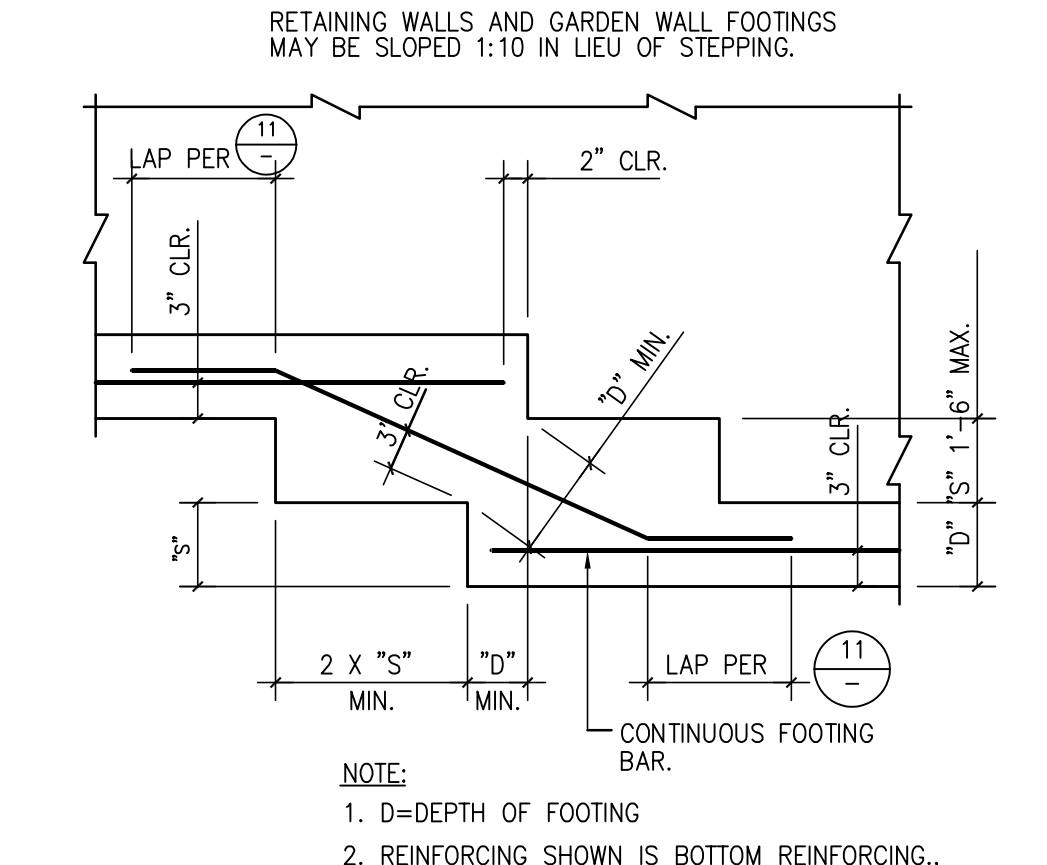
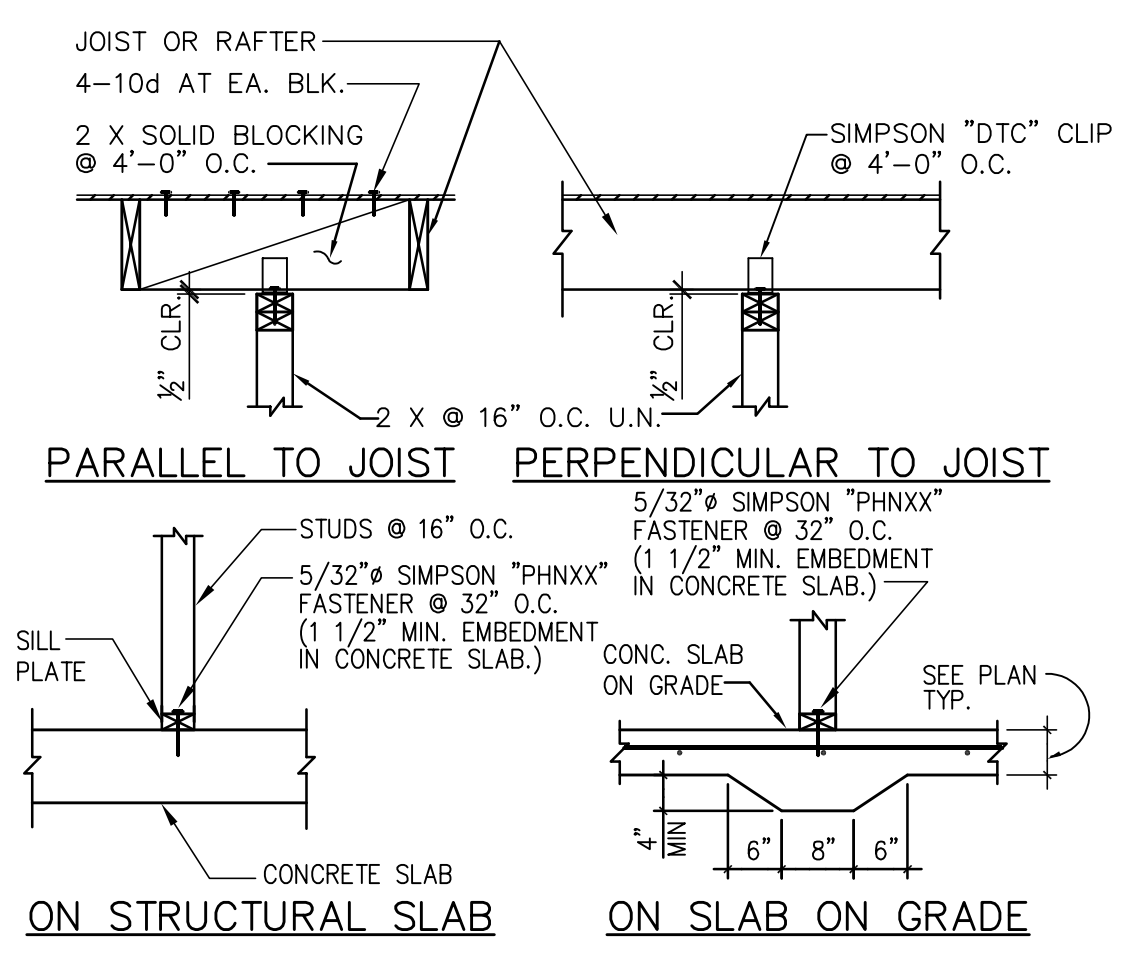


MINIMUM NAILING SCHEDULE

CONCRETE STAIR ON GRADE

WALLS, FOOTINGS AND BEAMS

REINFORCING BAR BENDS AND LAPS

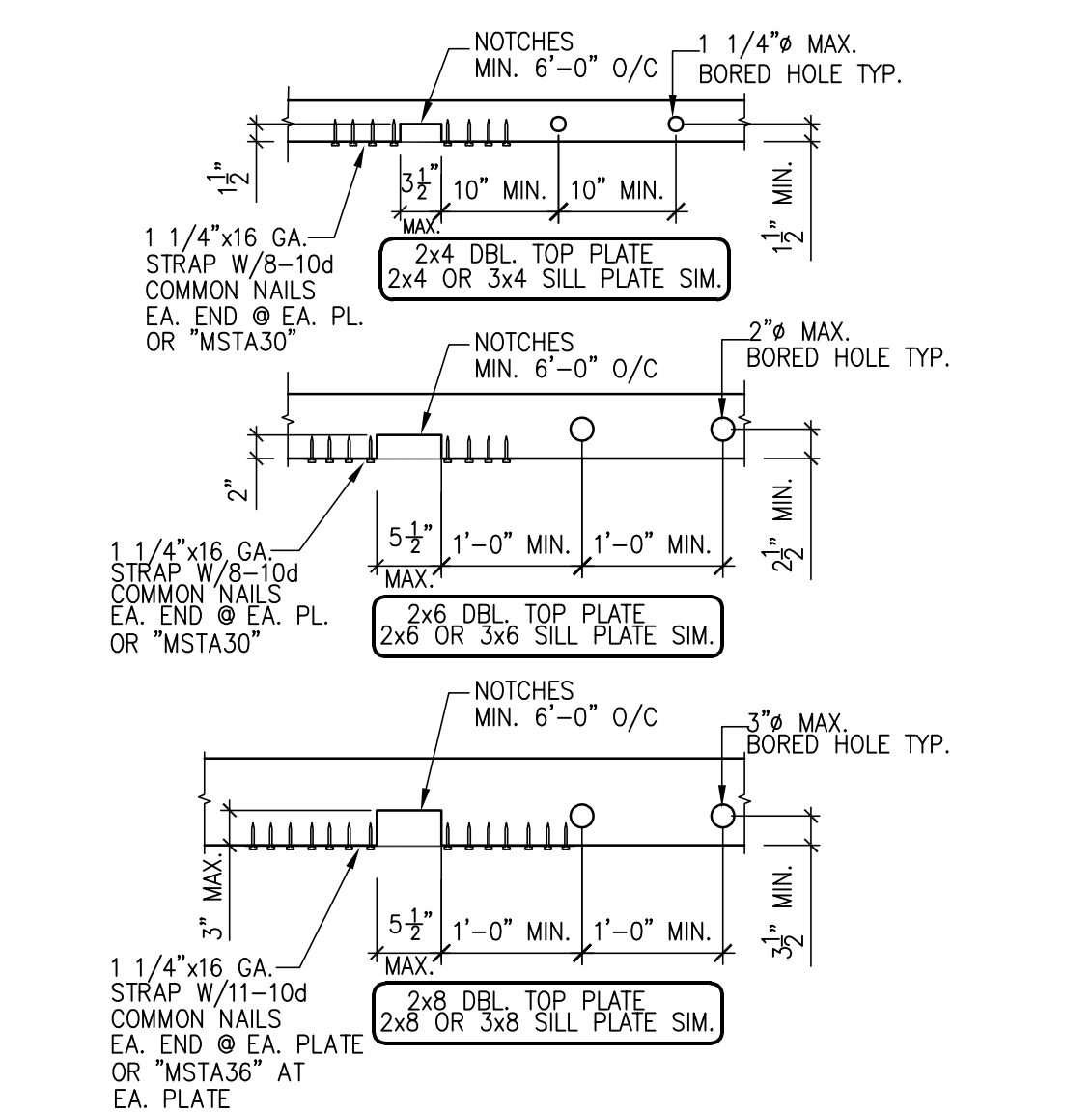


NON-BEARING PARTITION WALL

STEPPED FOOTING

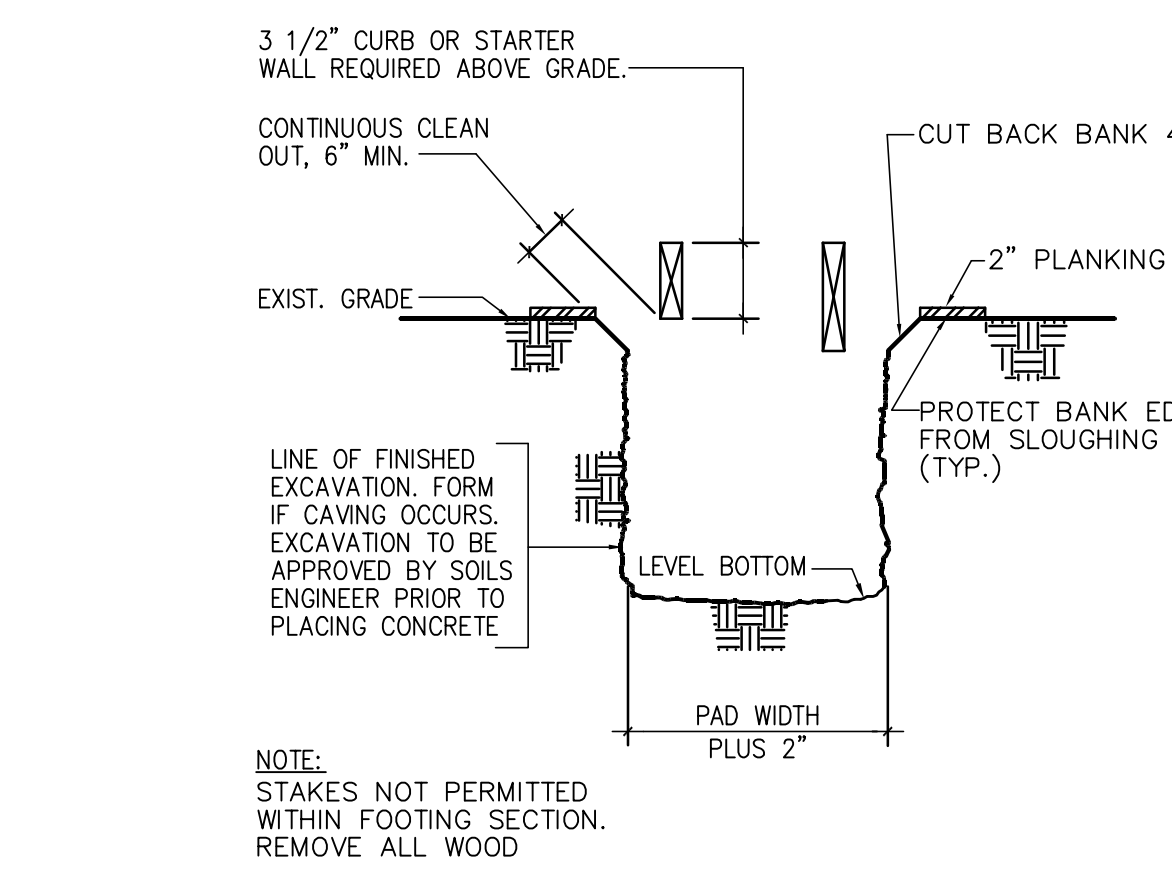
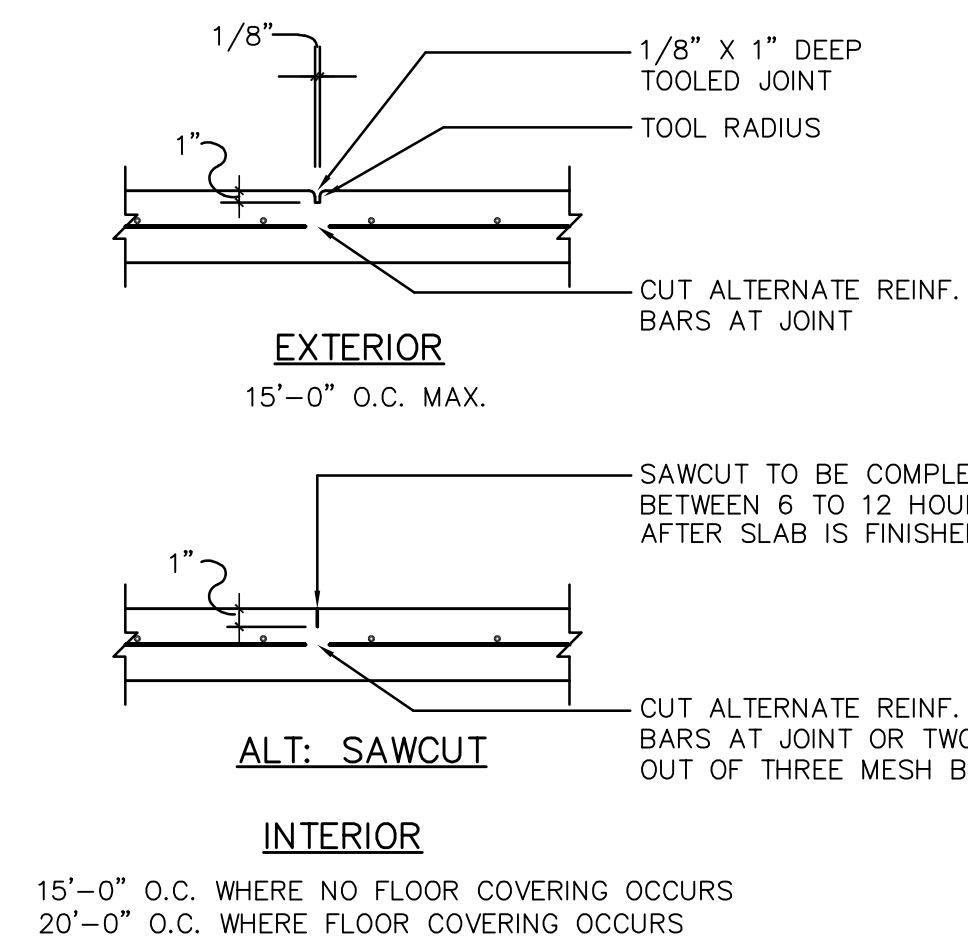
SLAB EDGE AND DEPRESSED SLAB

PIPE AND TRENCH LOCATION



f'c=3000 psi				f'c=4000 psi			
BAR SIZE	SPLICE	EMBEDMENT		BAR SIZE	SPLICE	EMBEDMENT	
No.	TOP	OTHER	TOP	OTHER	No.	TOP	OTHER
3&4	28	22	22	17	3&4	24	19
5	35	27	27	21	5	31	24
6	42	32	32	25	6	36	28
7	49	38	38	29	7	43	33
8	59	45	45	35	8	51	39
9	75	57	57	44	9	65	50
10	94	73	73	56	10	82	63
11	116	89	89	69	11	101	77

NOTES:
 1. ALL DETAILING AND PLACING OF REINFORCING SHALL COMPLY WITH THE LAP AND DETAILS, UNLESS SPECIFICALLY DETAILED OTHERWISE ON THE DRAWINGS.
 2. ALL SPLICES SHALL BE STAGGERED AS SHOWN IN (A) & (B).
 3. THE SMALLER BAR LAP LENGTH SHALL BE USED WHEN SPLACING DIFFERENT SIZE BARS.
 4. TOP BARS ARE HORIZONTAL REBARS WITH MORE THAN 12" CONCRETE PLACEMENT BELOW DURING A POUR. OTHERS BARS ARE BOTTOM OR VERTICAL BARS.
 5. MINIMUM CENTER TO CENTER BAR SPACING SHALL BE THREE (3) BAR DIAMETERS.
 6. WHERE STRAIGHT BAR CANNOT BE PROVIDED FOR THE REQUIRED EMBEDMENT, PROVIDE 90° OR 180° HOOK PER (C).
 7. SPECIFICALLY DETAILED LENGTH ON DRAWINGS SHALL BE USED IN LIEU OF THE ABOVE SCHEDULED LENGTH.
 8. THE CONTRACTOR MAY USE A BUTT WELDED SPLICE IN LIEU OF THE LAP SPLICE SHOWN, SEE REBAR WELDING DETAIL.

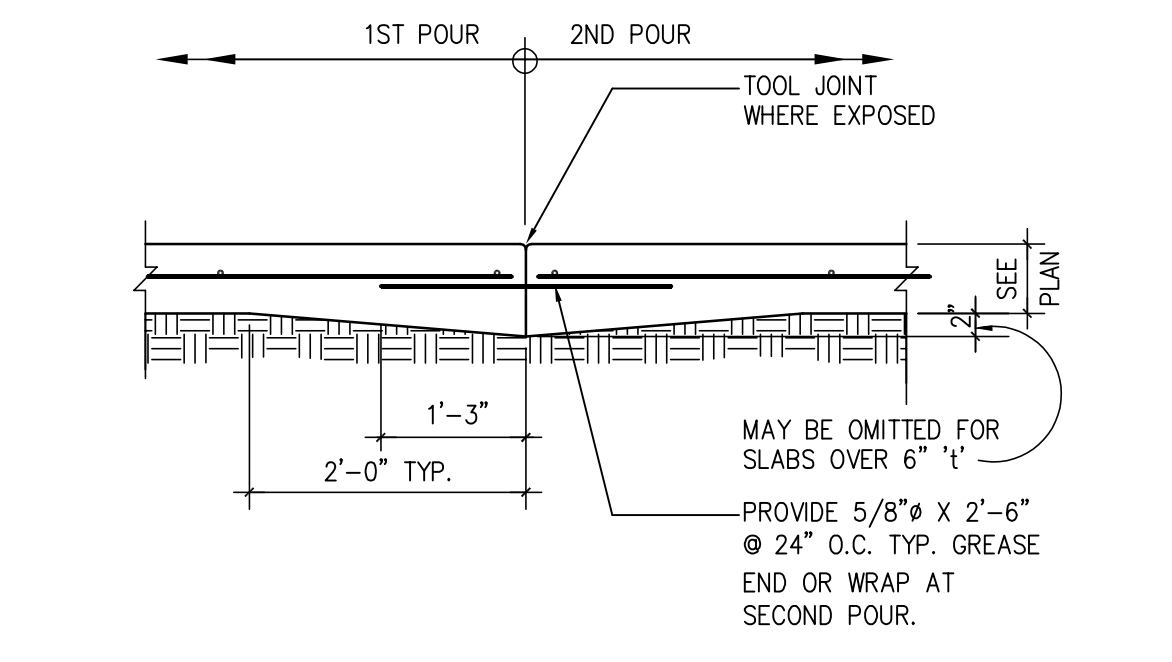
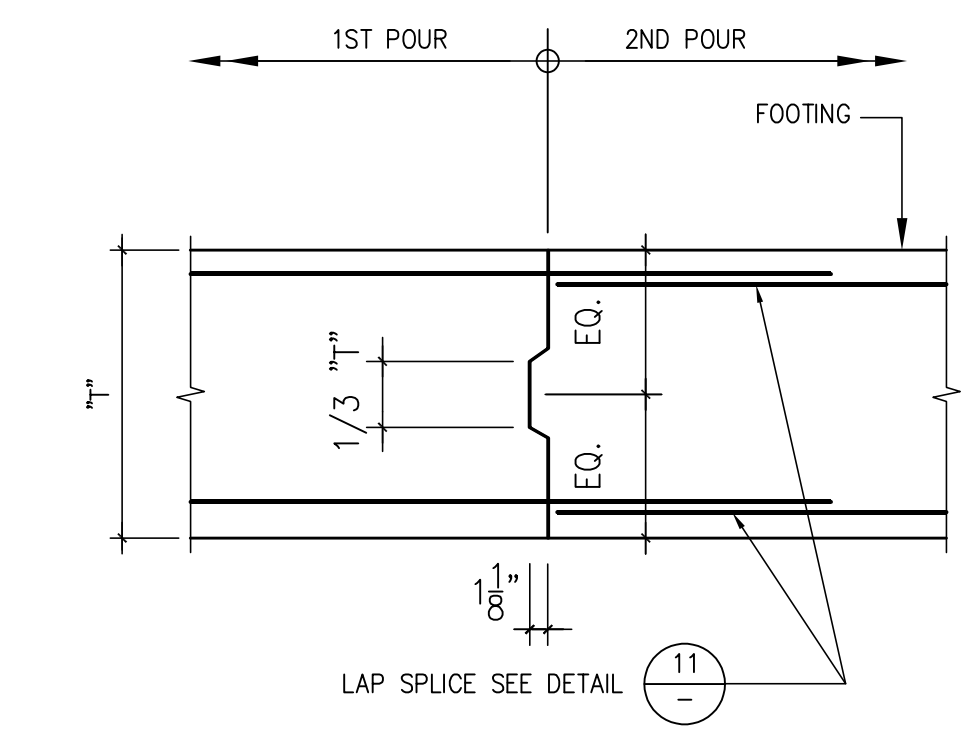
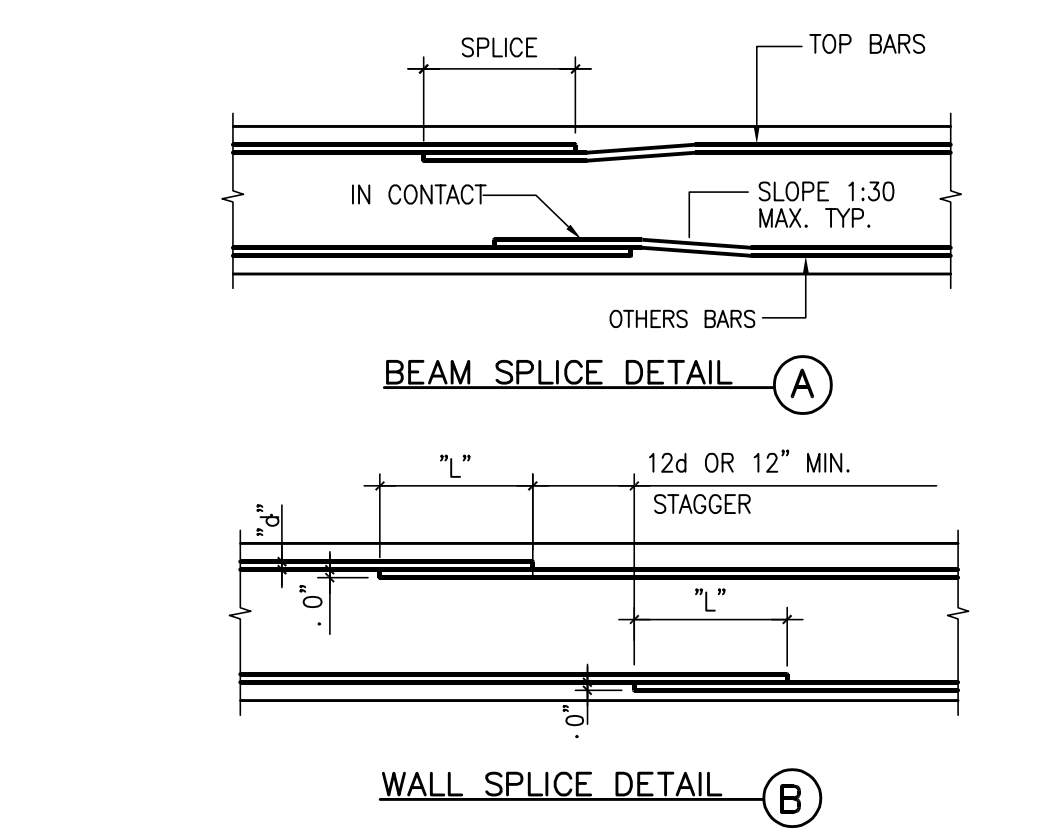


TOP PLATES & SILL PLATE NOTCH & EMBEDMENT LENGTH DETAIL AT SHEAR PANEL

REINFORCING BAR SPLICE AND EMBEDMENT LENGTH SCHE. & DETAIL

SLAB ON GRADE CONTROL JOINT

FOOTING EXCAVATION



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KERN COUNTY REGISTERED PROFESSIONAL ENGINEER
 WHEELER & GRAY
 CONSULTING ENGINEERS
 1333 S. MANVELLO AVENUE, SUITE 320
 MARIETTA, CALIFORNIA 91016
 TEL: (626) 432-3866 FAX: (626) 432-3868
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 Madeline Flowers
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A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

SEC OF DOWNING AVE & WEAR ST BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
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DP	
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REINFORCING BAR SPLICE AND EMBEDMENT LENGTH SCHE. & DETAIL

FOOTING CONSTRUCTION JOINTS

SLAB ON GRADE CONST. JOINT

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 1333 S. MAYFLOWER AVE., SUITE 320
 MONROVIA, CALIFORNIA 91016
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KERN COUNTY
 SPECIAL WASTE
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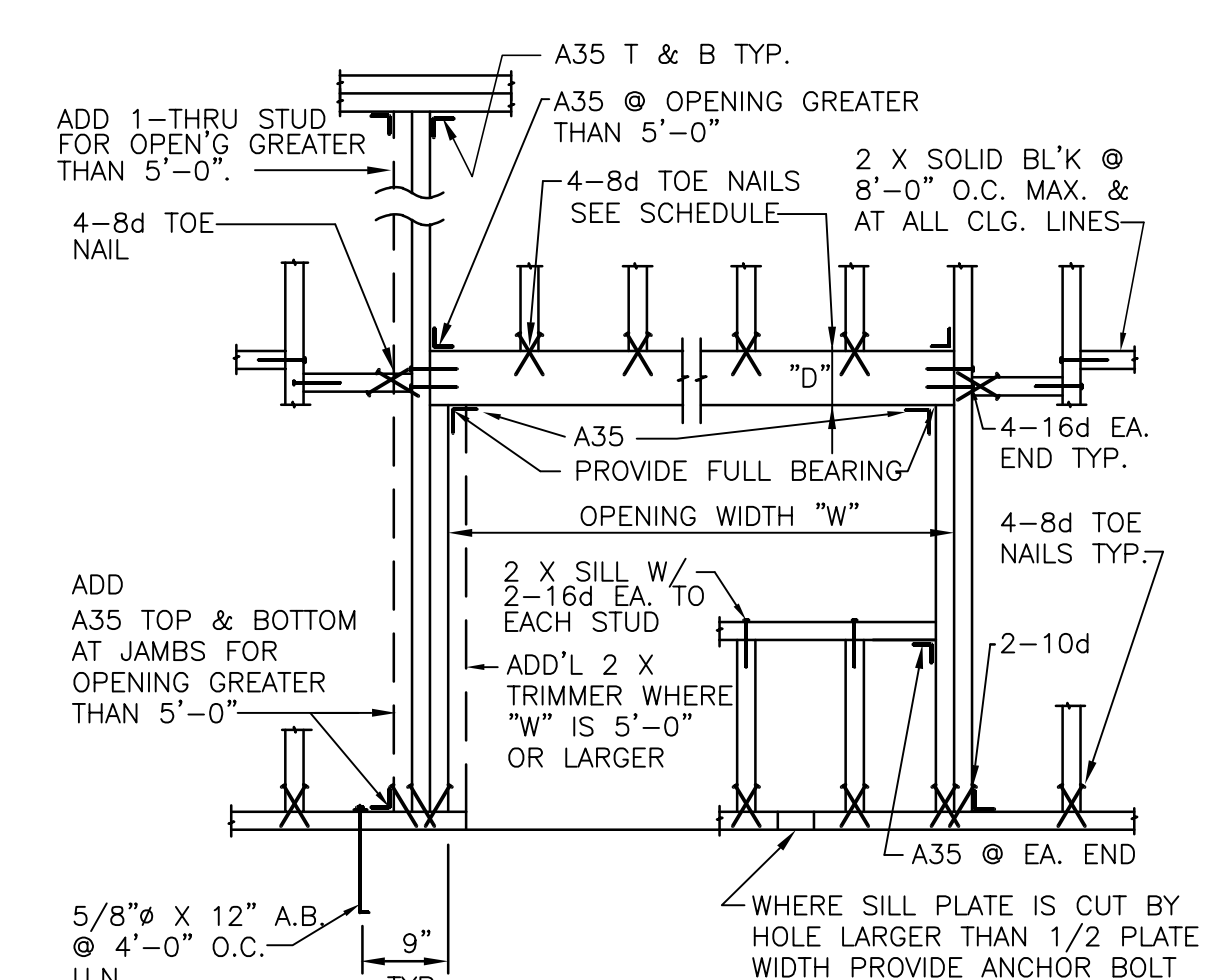
SEC OF DOWNING AVE
 & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR

REVISION	DESCRIPTION

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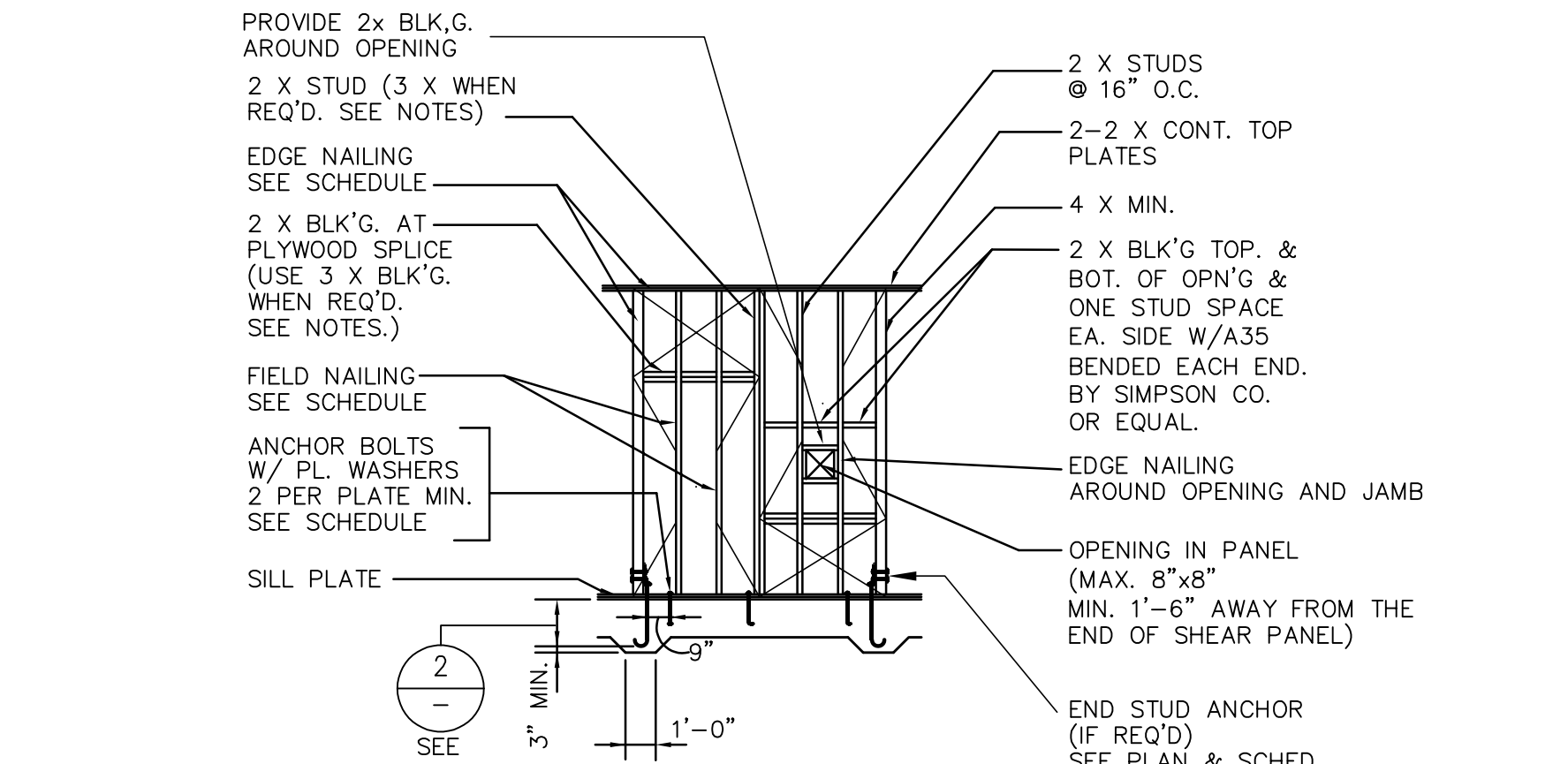
S1.3



SPAN (FT)	HEADER BEAM SIZE "D"
UP TO 4'	6"
UP TO 6'	8"
UP TO 8'	10"
UP TO 10'	12"
UP TO 12'	14"
UP TO 14'	16"

SHEAR PANEL #	EDGE NAILING	FIELD NAILING	HEADED ANCHOR BOLTS	FLOOR PLATE FASTENERS	A35 OR LTP4 SPACING	REMARKS	CAPACITY (PLF)
1	10d @ 6" o.c.	10d @ 12" o.c.	5/8" @ 48" o.c.	#12 WD. SCREWS @ 6" o.c.	16" o.c.		338
2	10d @ 4" o.c.	10d @ 12" o.c.	5/8" @ 32" o.c.	#12 WD. SCREWS @ 4" o.c.	8" o.c.		506
3	10d @ 3" o.c.	10d @ 12" o.c.	5/8" @ 24" o.c.	#12 WD. SCREWS @ 3" o.c.	8" o.c.		665
4	10d @ 2" o.c.	10d @ 12" o.c.	5/8" @ 16" o.c.	#12 WD. SCREWS @ 2 1/2" o.c.	6" o.c.		870

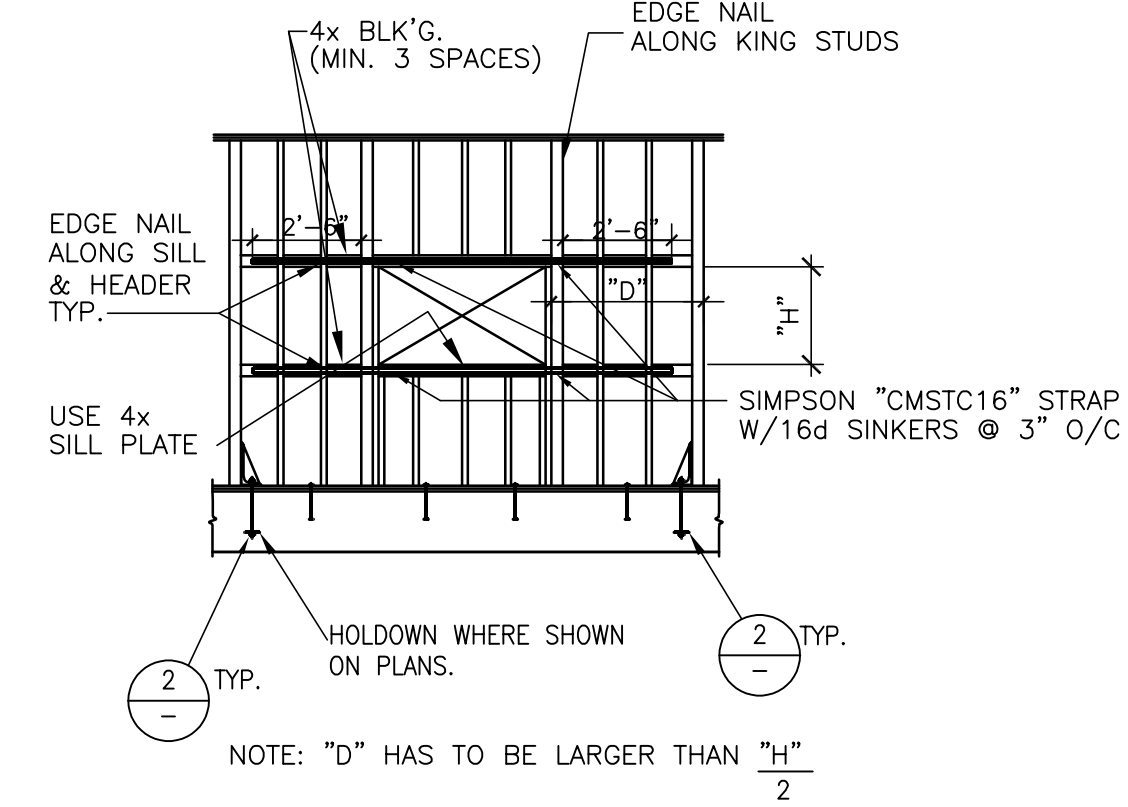
NOTES:
 1. ALL LUMBER SHALL BE D.F. #1 AND BETTER.
 2. M.L. INDICATES MICROLAM AS MANUFACTURED BY "TRUS JOIST MACMILLAN". Fb=2650 psi AND E=1800 ksi. (ICB# ER-4979)



SHEAR PANEL SCHEDULE

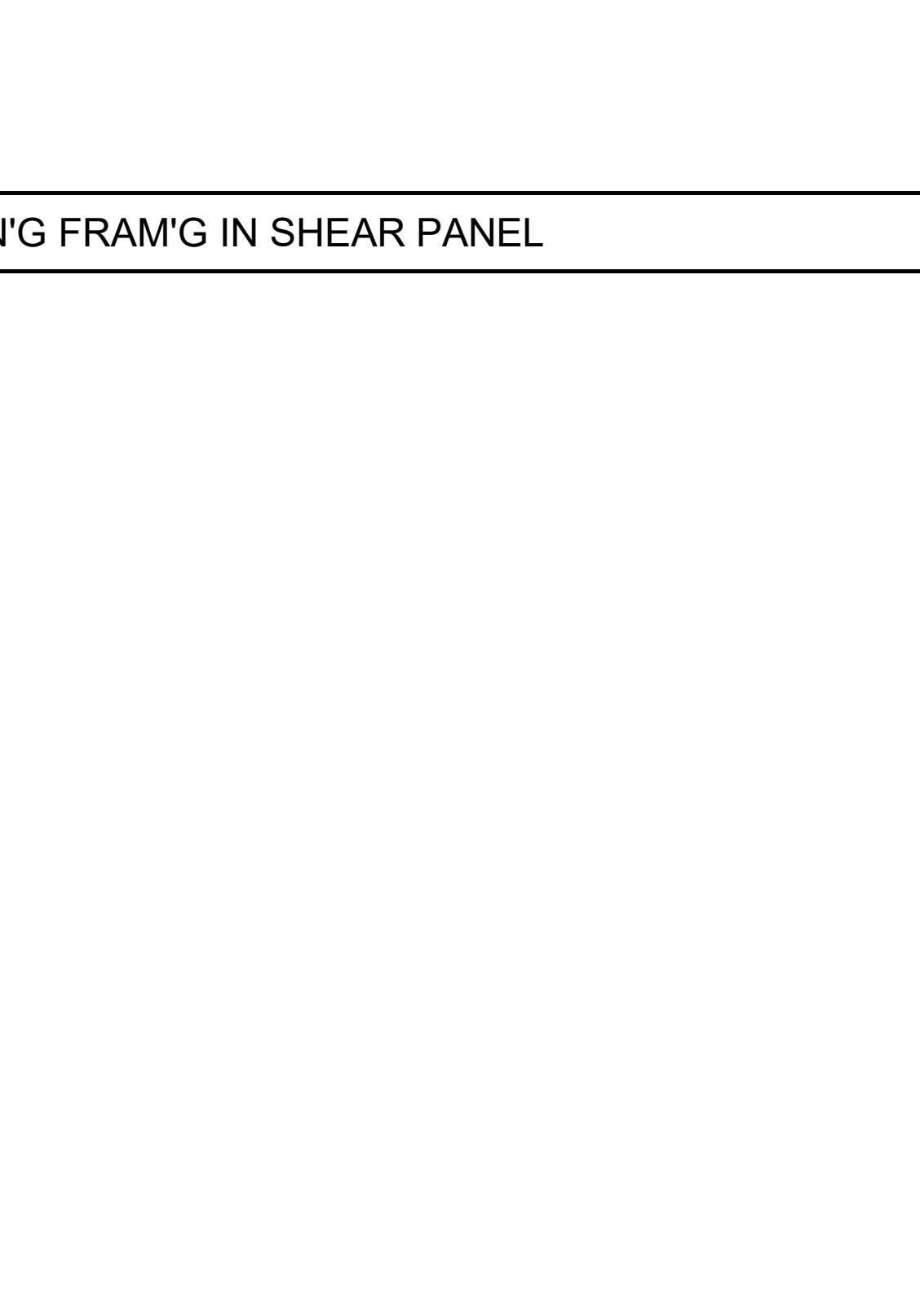
SHEAR PANEL #	EDGE NAILING	FIELD NAILING	HEADED ANCHOR BOLTS	FLOOR PLATE FASTENERS	A35 OR LTP4 SPACING	REMARKS	CAPACITY (PLF)
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3	10d @ 3" o.c.	10d @ 12" o.c.	5/8" @ 24" o.c.	#12 WD. SCREWS @ 3" o.c.	8" o.c.		665
4	10d @ 2" o.c.	10d @ 12" o.c.	5/8" @ 16" o.c.	#12 WD. SCREWS @ 2 1/2" o.c.	6" o.c.		870

NOTES:
 1. SEE FRAMING PLANS FOR LOCATION OF SHEAR PANELS.
 2. ALL PLYWOOD SHEAR PANELS TO BE 1/2" STRUC. 1 PLYWOOD. WITH MINIMUM 5-PLY.
 3. FOR HOLDDOWN ANCHORS (HD) SEE PLANS & DETAIL 2.
 4. NAILS SHALL BE STAGGERED IN TWO LINES ALONG PANEL EDGES WHEN NAIL SPACING IS 3" OR LESS.
 5. USE PL. 1/4"x3" SQ. W/5/8" DIA. B.S. AND PL. 5/16"x3" SQ. W/ 3/4" DIA. B.S.
 6. NAILS SHALL BE PLACED AT LEAST 3/8" FROM PANEL EDGES AND AT LEAST 3/8" FROM THE EDGE OF THE CONNECTING MEMBER FOR SHEAR PANEL AND A MINIMUM 1/2" EDGE NAILING DISTANCE AT PANEL ENDS AND EDGES.
 7. ALL NAILS SHALL BE COMMON NAILS. TYP.
 8. USE 3x AND TREATED SILL PLATE AT CONCRETE SURFACES. TYP.
 9. PROVIDE MINIMUM 8 DIAMETERS (3-INCH MINIMUM) PENETRATION INTO MEMBERS BELOW FLOOR SHEATHING. TYP. U.N.O.
 10. AS ALTERNATE USE SIMPSON SDS WOOD SCREWS OR EQUAL.



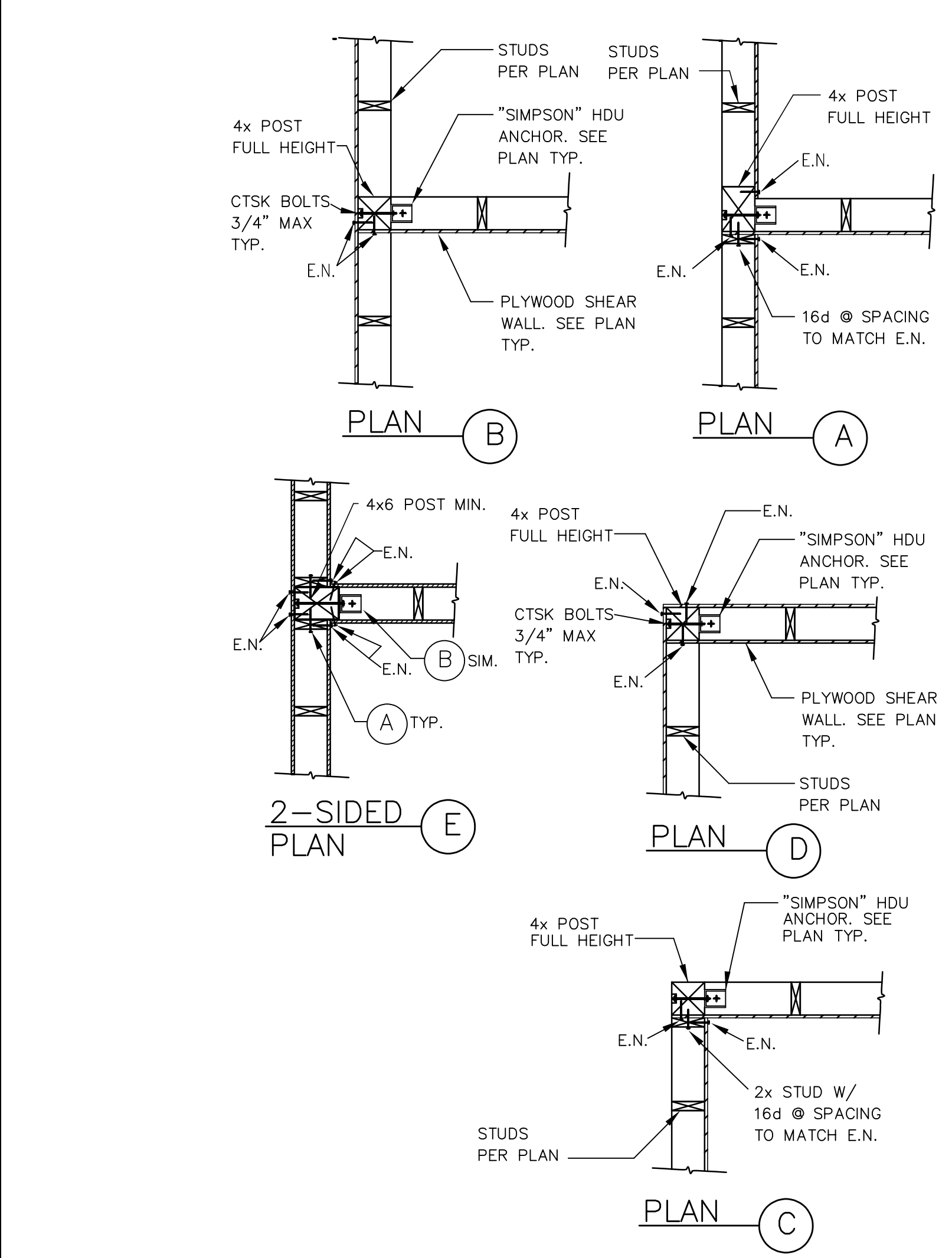
OPEN'G FRAM'G IN SHEAR PANEL

9



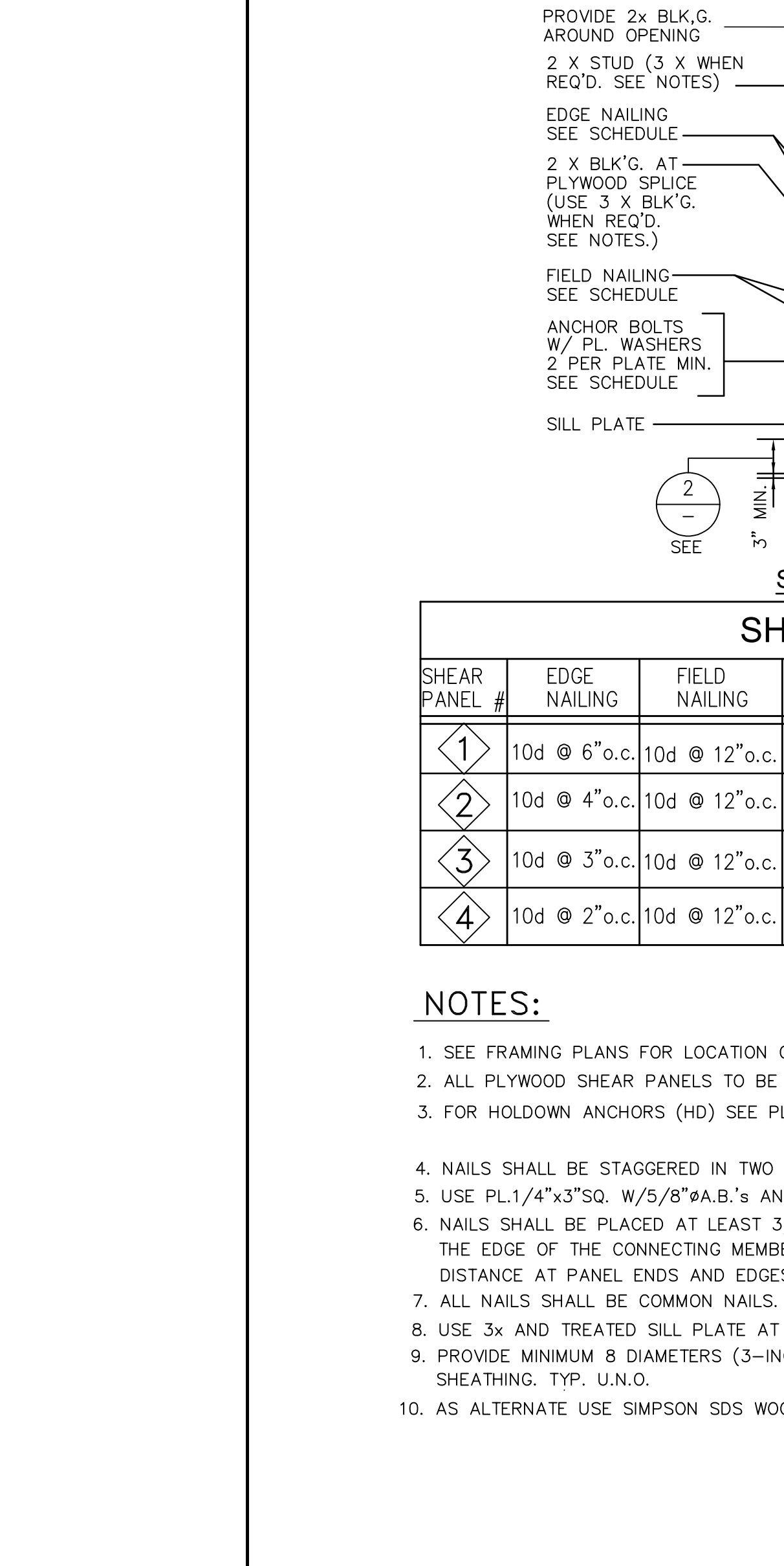
SHEAR PANEL AT INTERSECTION

4



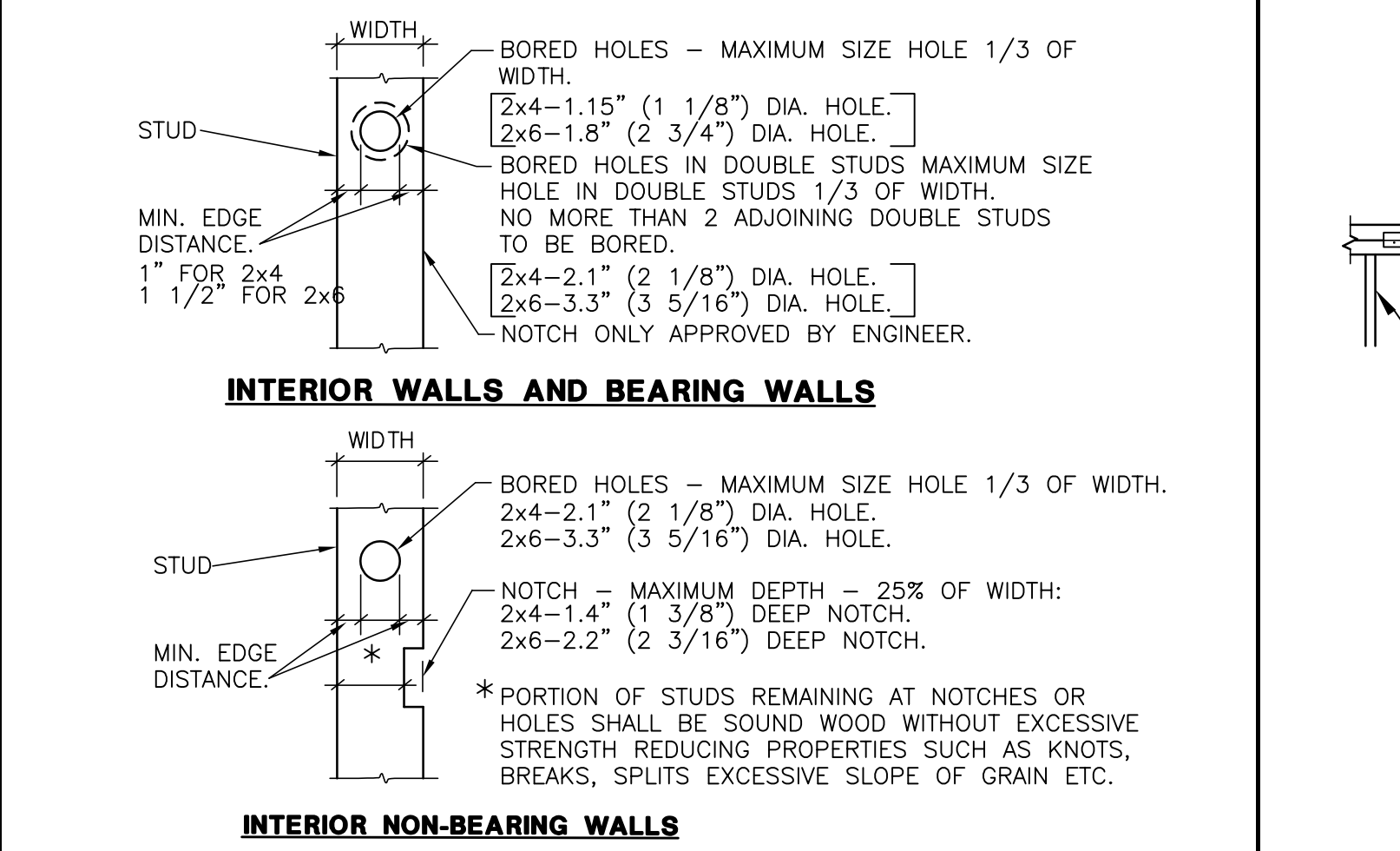
TYPICAL SHEAR PANEL DETAIL

3



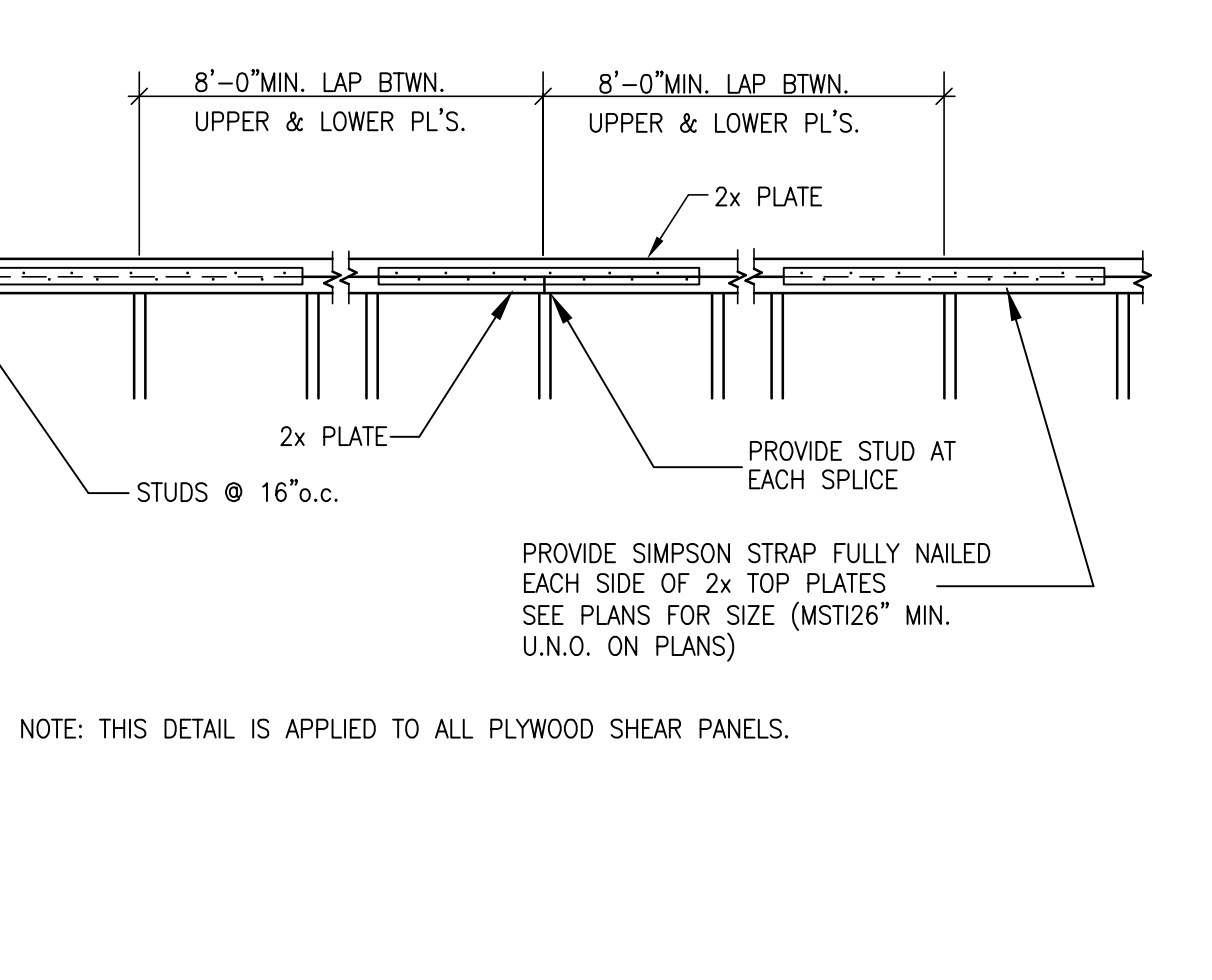
WALL FRAMING W/ OPENINGS

1



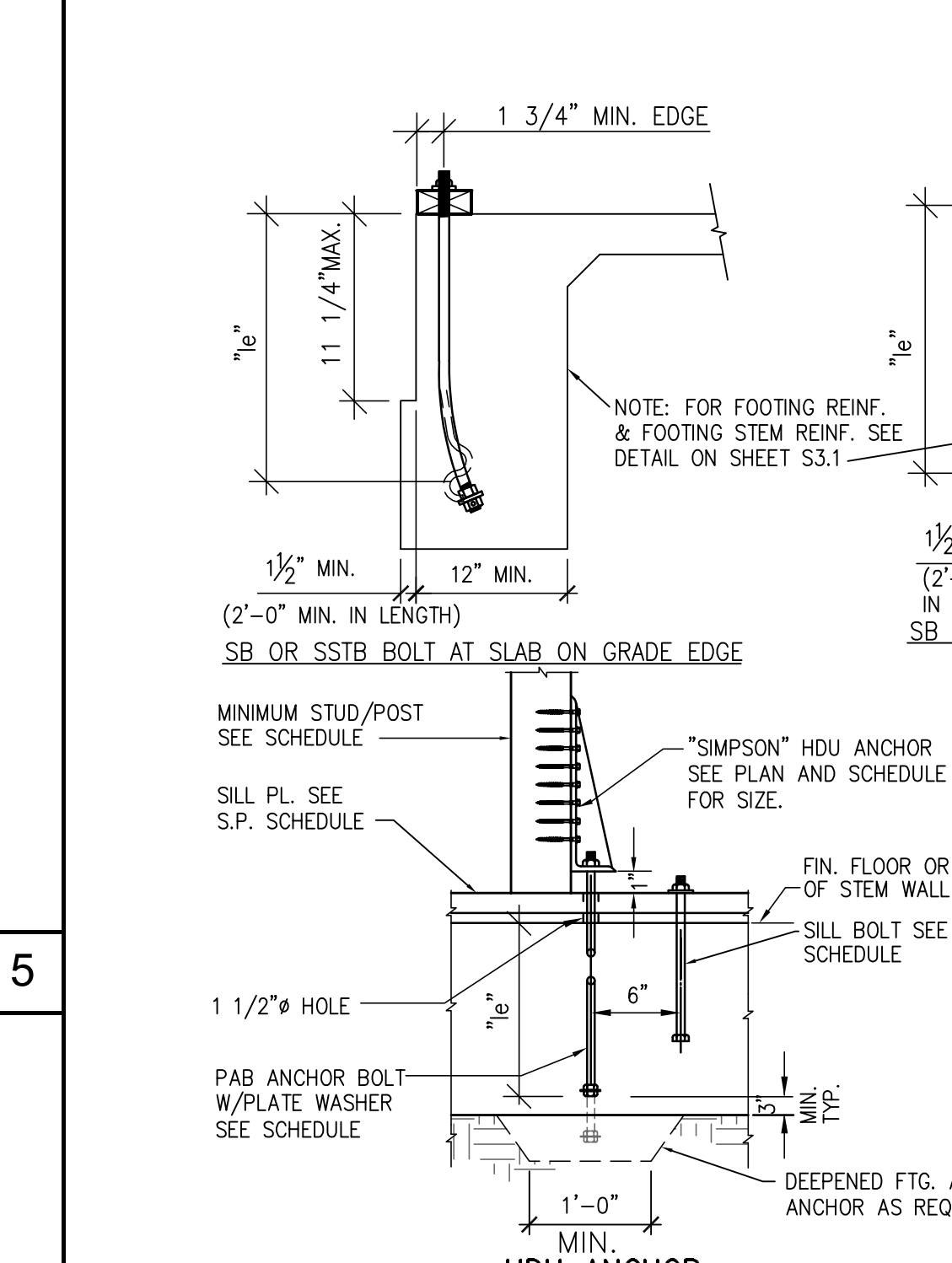
STUD NOTCH DETAIL

7



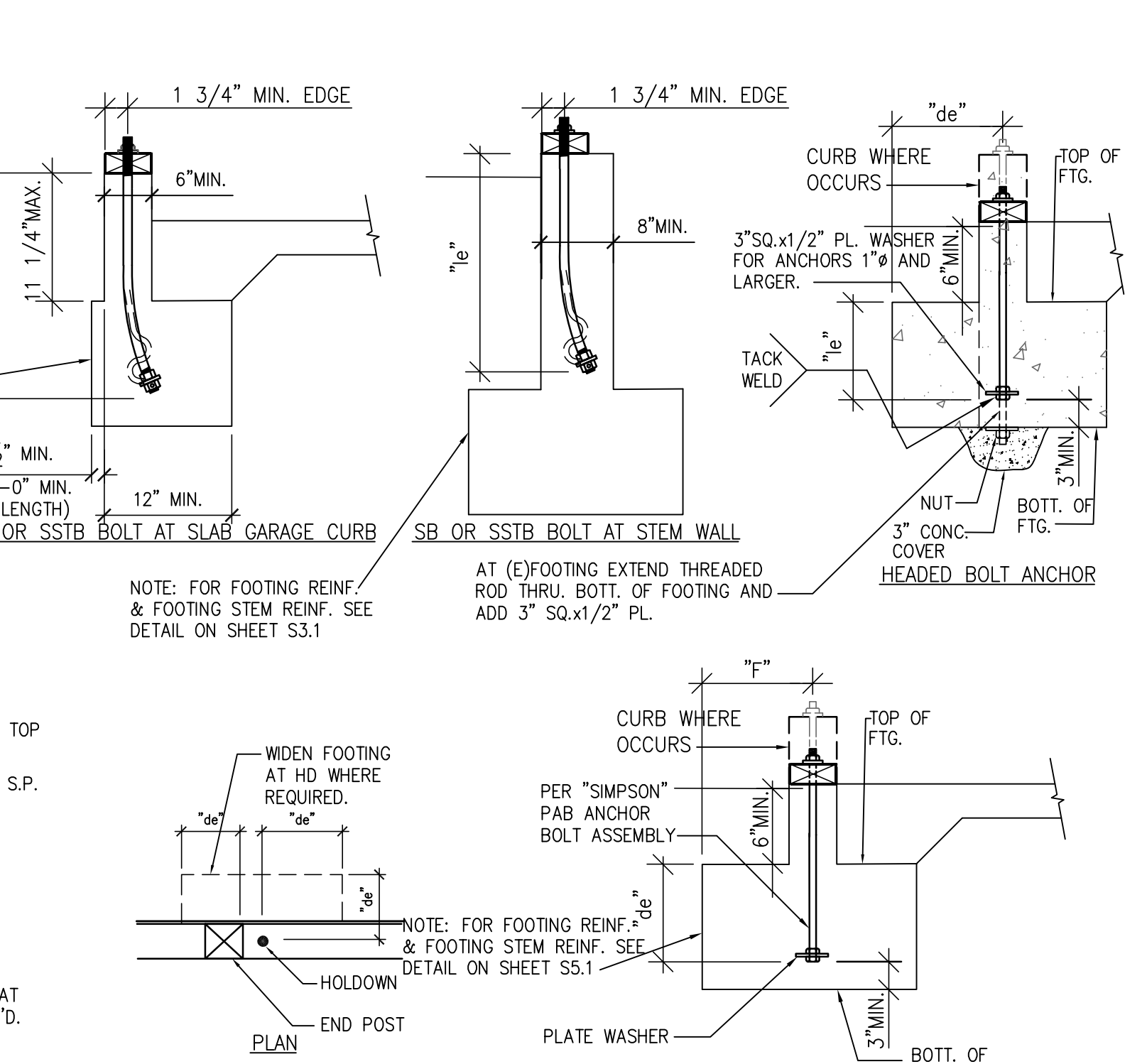
STRAPPED TOP PLATES SPLICE

5



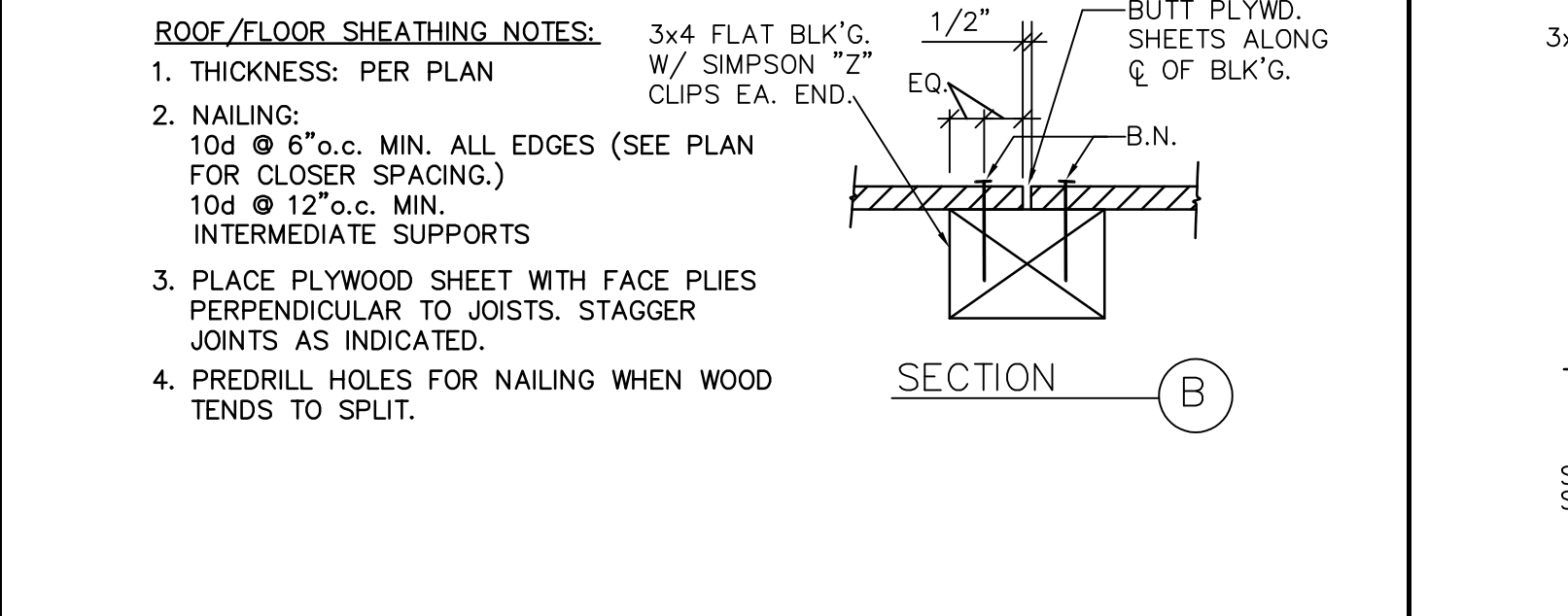
HOLDOWN ANCHOR (HDU) SCHEDULE

6



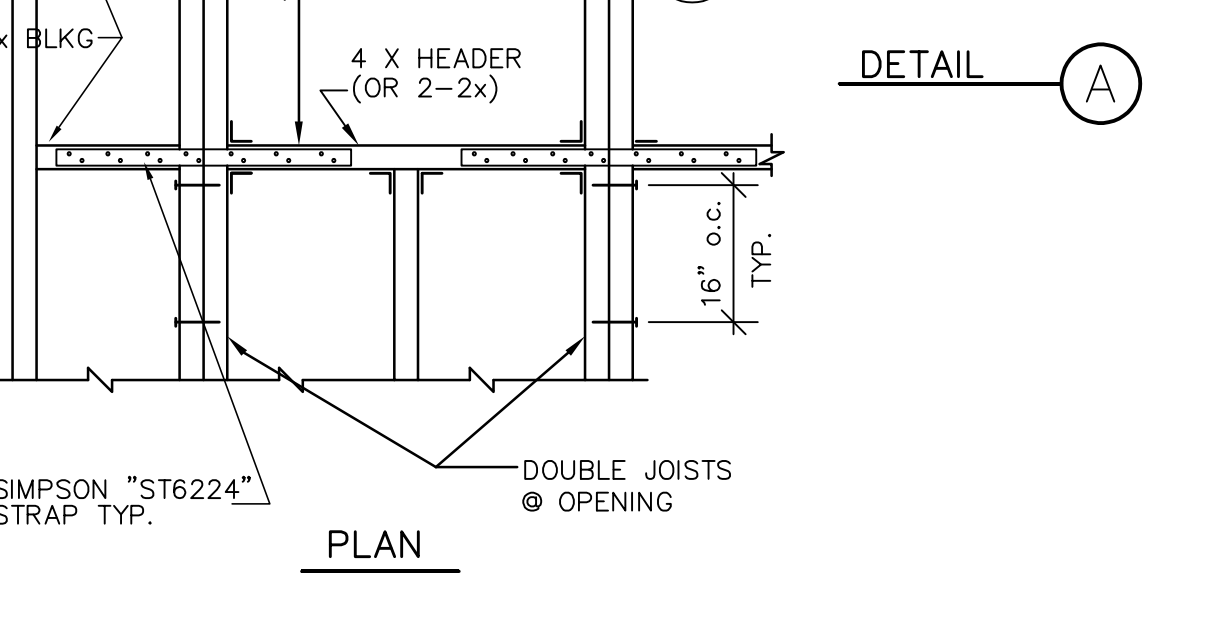
HOLDOWN ANCHOR (HDU) SCHEDULE

6



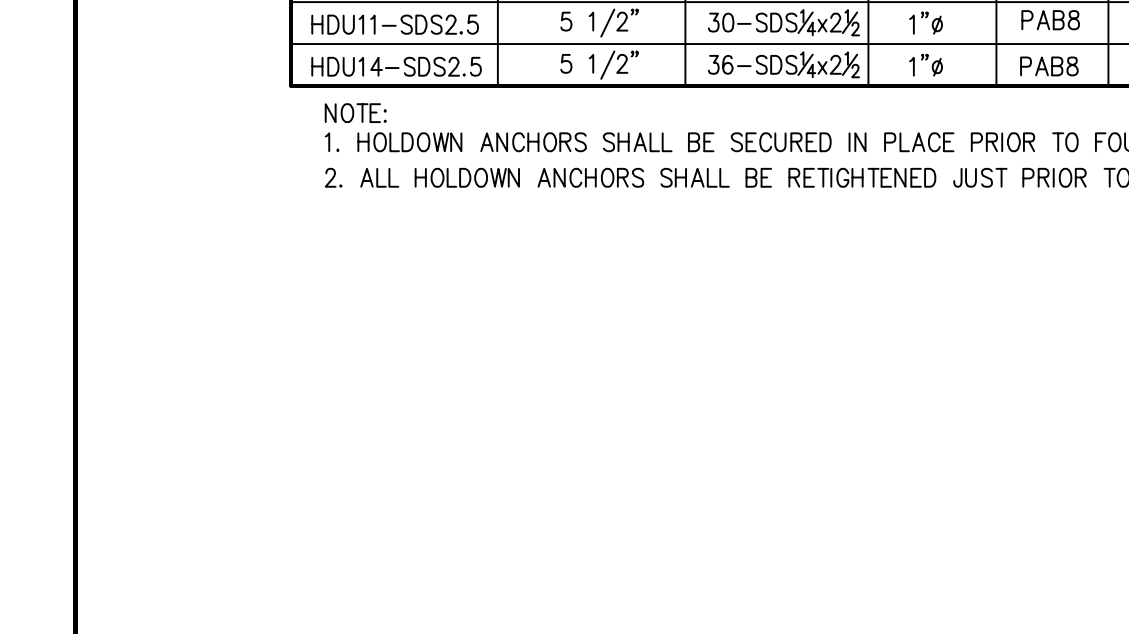
ROOF/FLOOR SHEATHING DIAGRAM

8



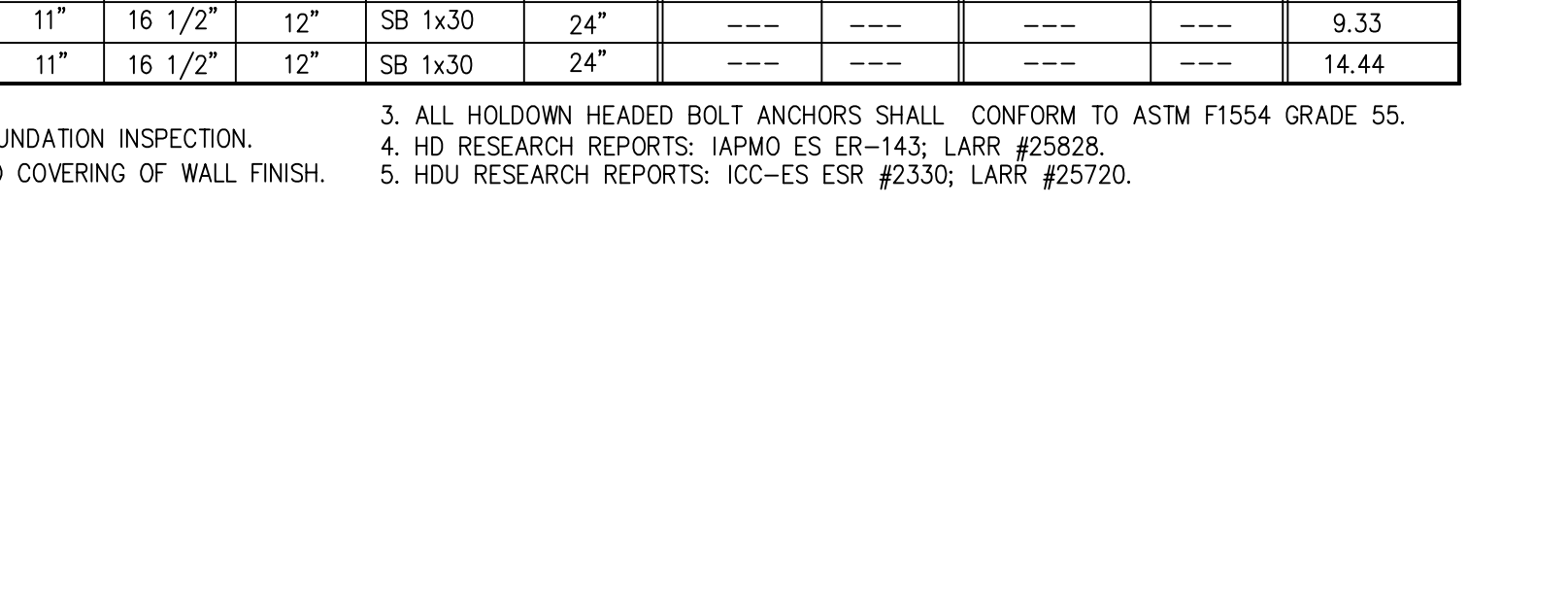
TYP. ROOF/FLOOR OPENING DETAIL

6



HOLDOWN ANCHOR (HDU) SCHEDULE

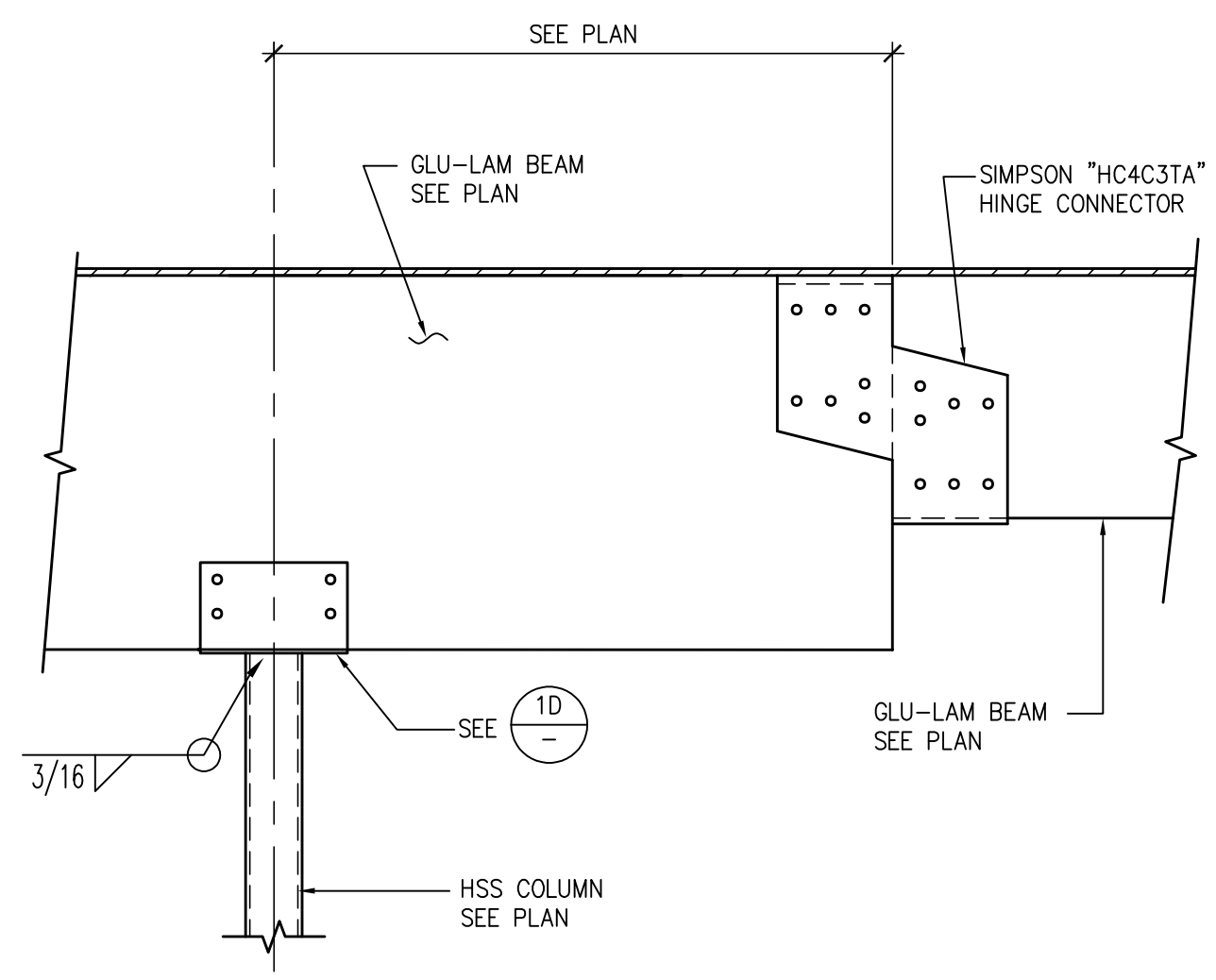
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HOLDOWN ANCHOR (HDU) SCHEDULE

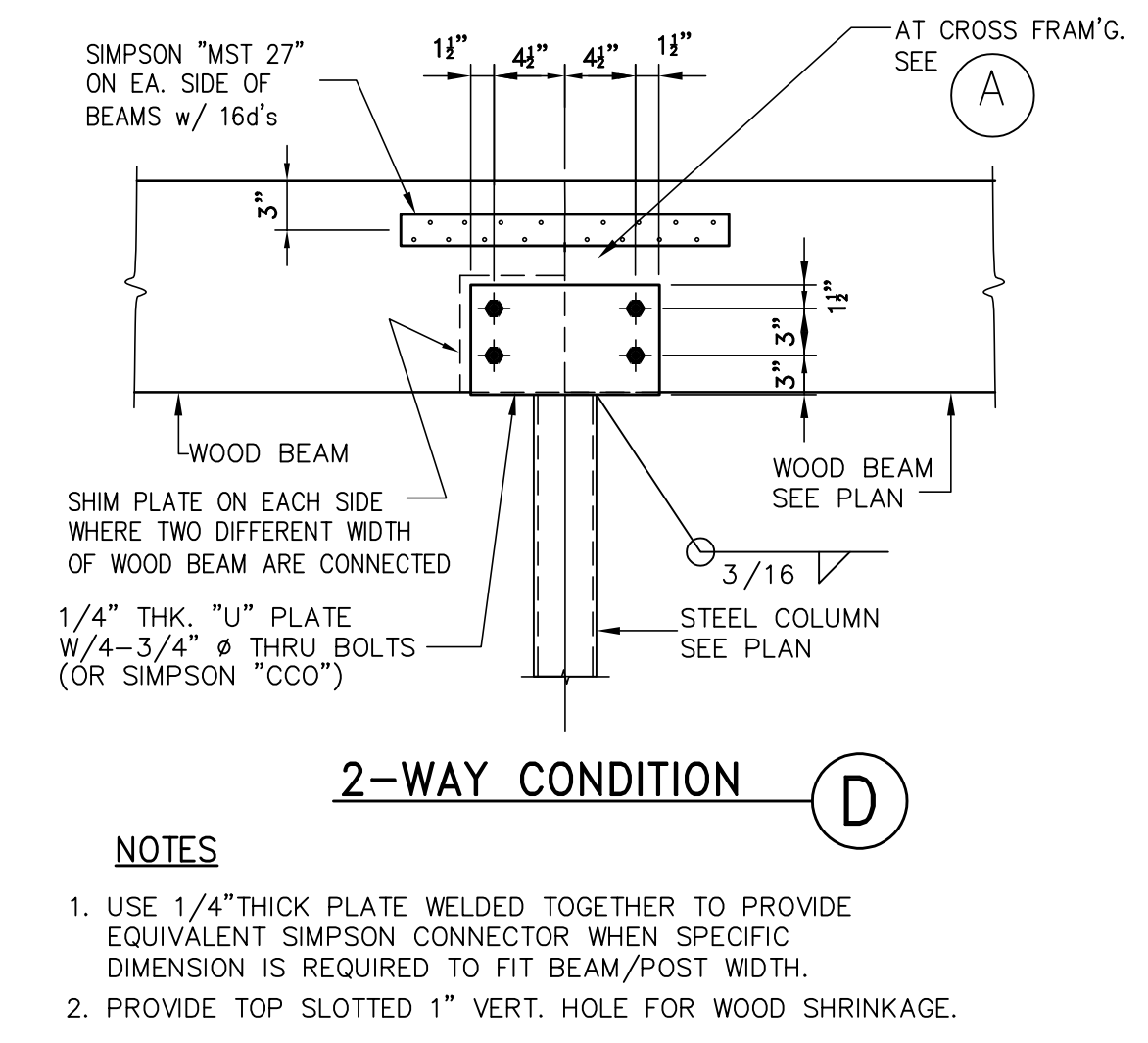
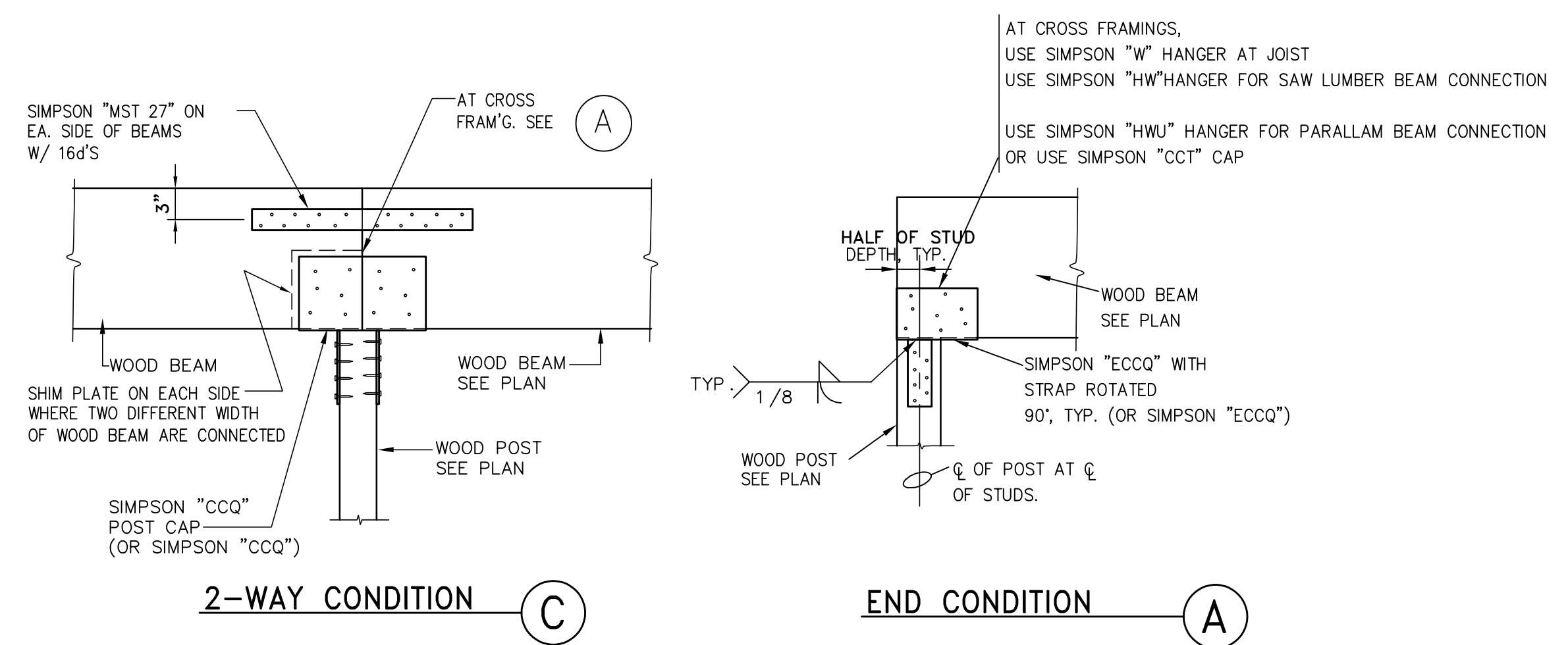
2

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GLU-LAM BEAM CANTILEVER DETAIL

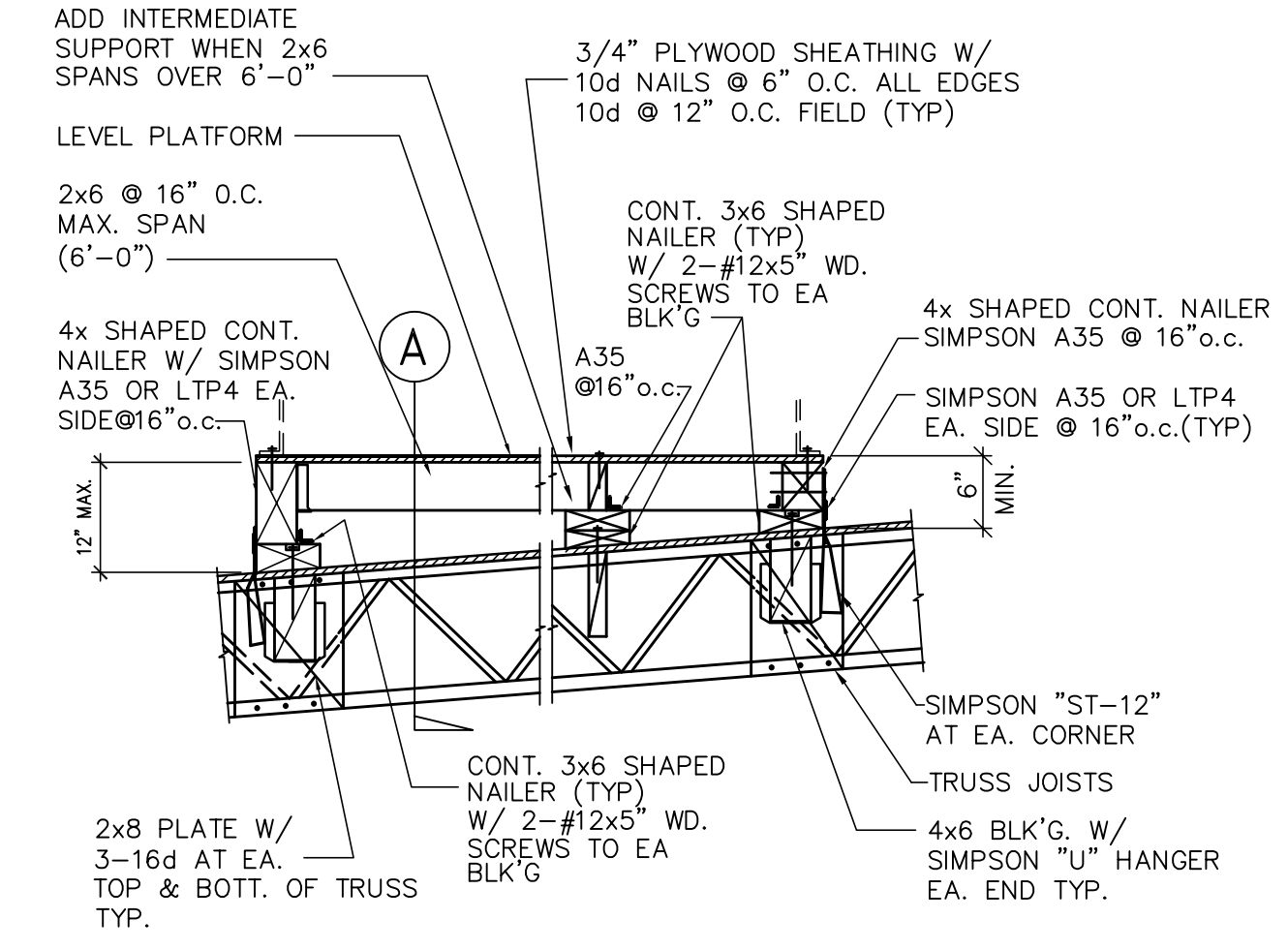
6



- NOTES**
- USE 1/4" THICK PLATE WELDED TOGETHER TO PROVIDE EQUIVALENT SIMPSON CONNECTOR WHEN SPECIFIC DIMENSION IS REQUIRED TO FIT BEAM/POST WIDTH.
 - PROVIDE TOP SLOTTED 1" VERT. HOLE FOR WOOD SHRINKAGE.

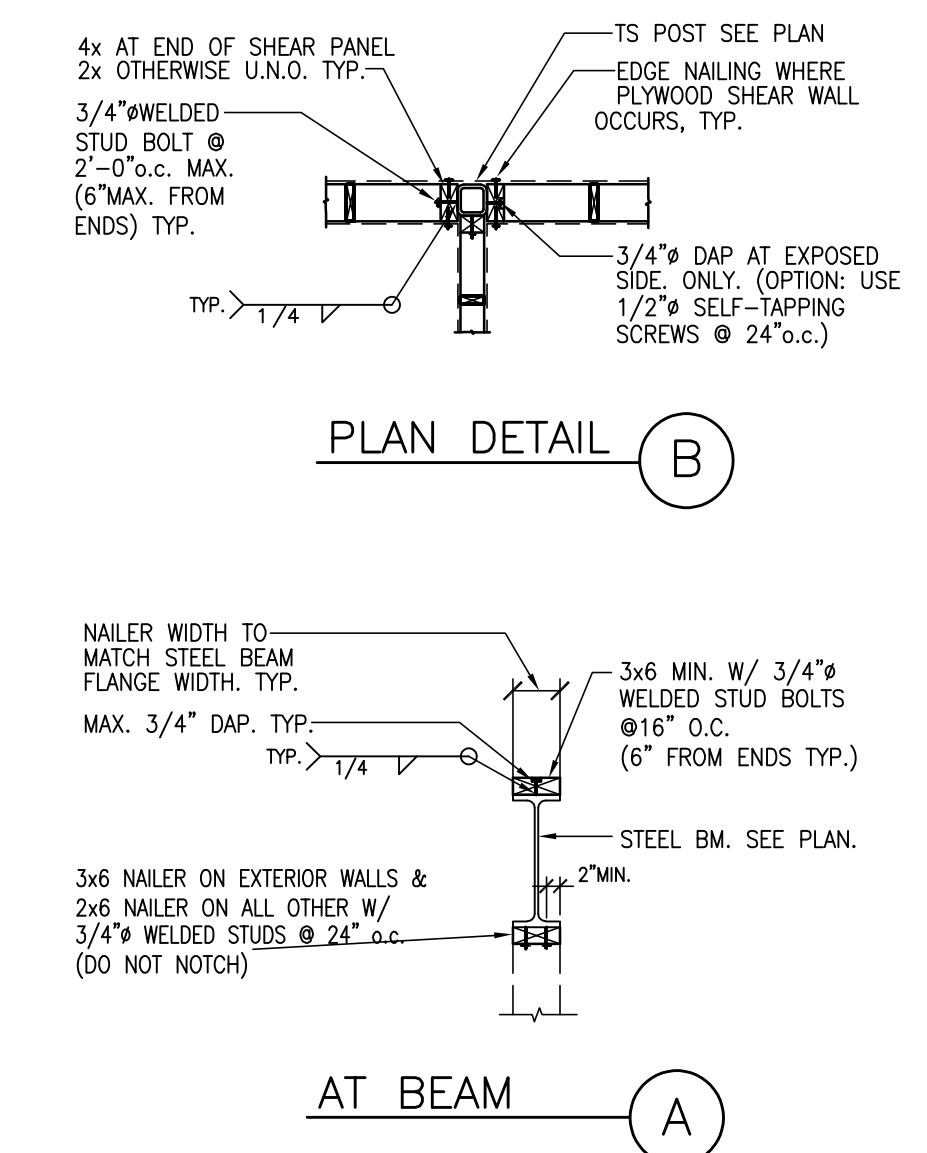
BEAM TO COLUMN CONNECTIONS

1



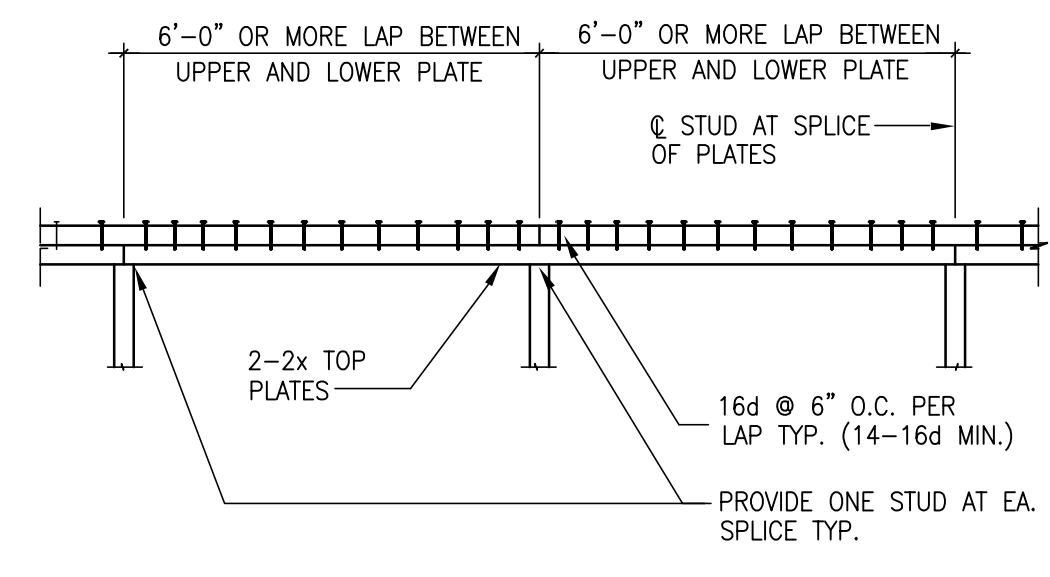
TYP. MECHANICAL ROOF PLATFORM DET.

4



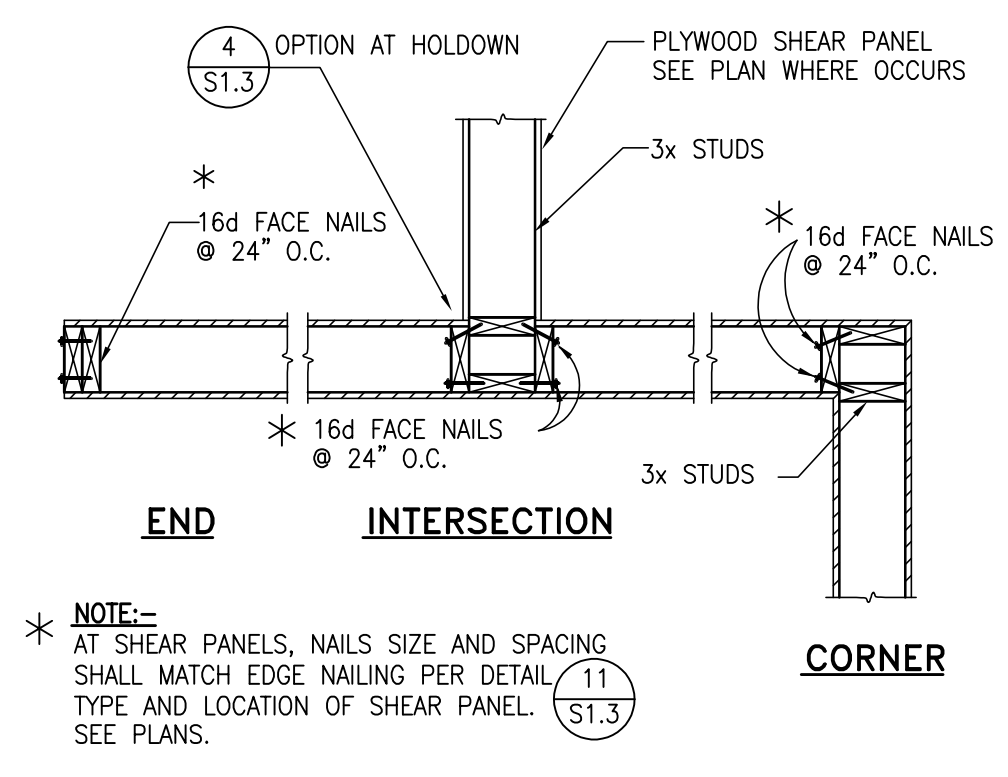
WOOD NAILER TO STEEL CONNECTION

2



NAILED TOP PLATES SPLICE

5



WOOD STUD WALL INTERSECTION PLAN

3

KERN COUNTY
 APPROVED
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 K202408865
 Madeline Flowers
WHEELER & GRAY
 REGISTERED PROFESSIONAL ENGINEERS
 1333 S. MAYFLOWER AVE., SUITE 320
 MONROVIA, CALIFORNIA 91016
 TEL: (626) 432-3850 FAX: (626) 432-3858
W&G
 REGISTERED PROFESSIONAL ENGINEER
 E. E. SCHULTZ
 No. SE26711
 Exp. 3-31-26
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 Board of Professional Engineers
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A NEW BUILDING FOR:



KERN COUNTY
 SPECIAL WASTE
 FACILITY
 SEC OF DOWNING AVE
 & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR

REVISION	DESCRIPTION

JOB	DP	PM

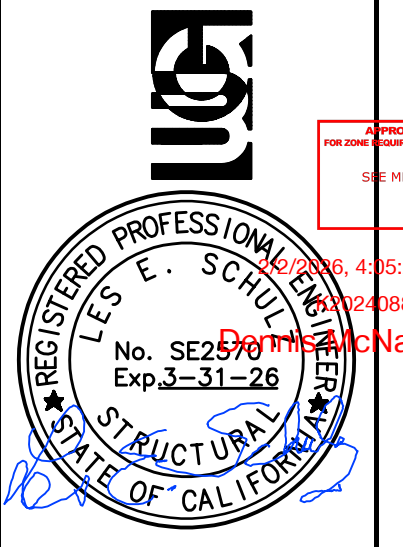
S1.4

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WHEELER & GRAY
 CONSULTING ENGINEERS
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 TEL: (626) 432-3856 FAX: (626) 432-3858



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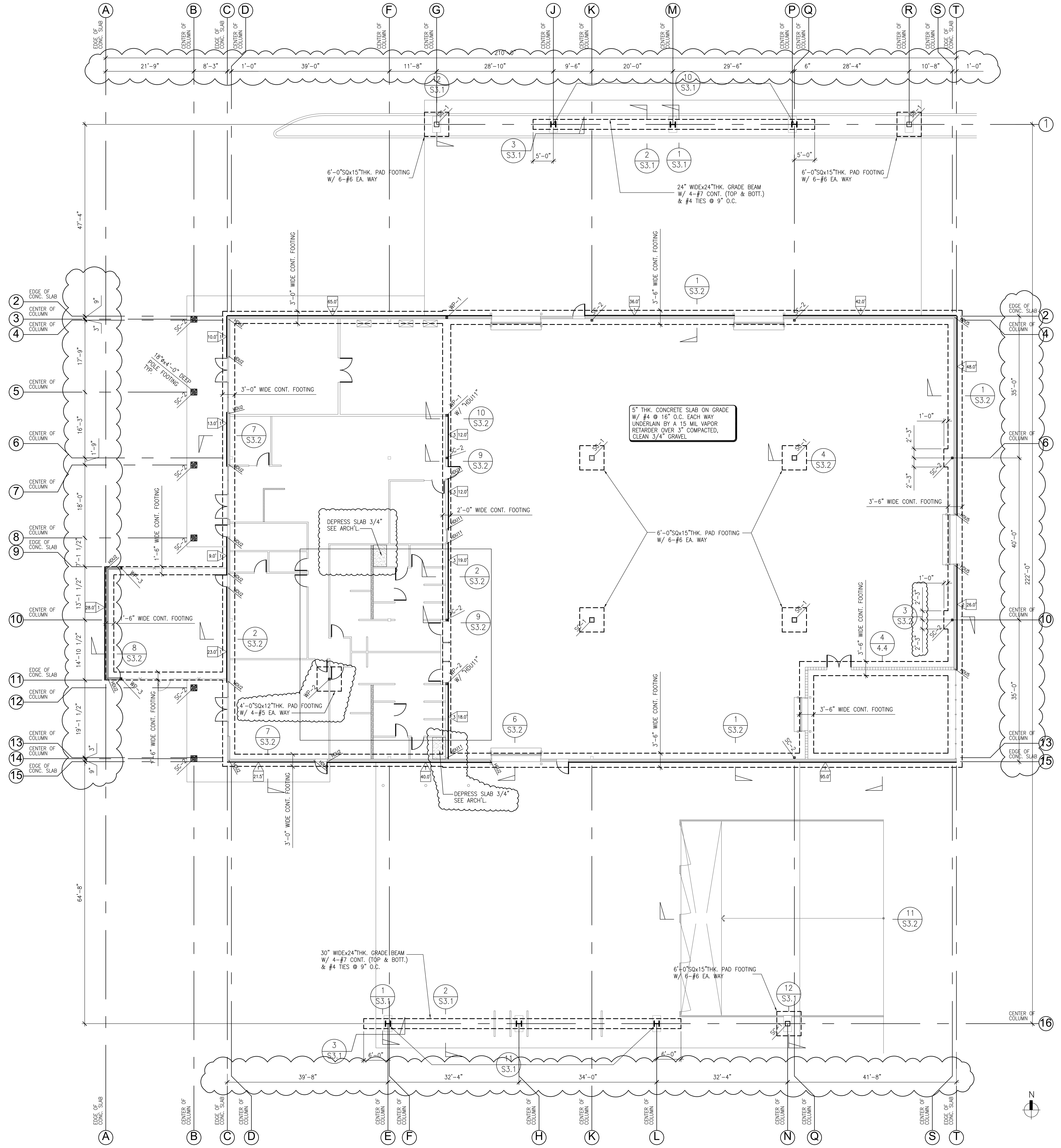


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SPECIAL WASTE
FACILITY
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WOOD POST SCHEDULE

WP-1	5 1/4"x7" PSL POST
WP-2	5 1/4"x5 1/4" PSL POST
WP-3	6"x4" POST

STEEL COLUMN SCHEDULE

SC-1	HSS7x7x3/8
SC-2	HSS5x5x3/8

NOTES:

- VERIFY ALL DIMENSION, SLAB DEPRESSIONS, OPENINGS, CURBS, WITH ARCHITECTURAL DRAWINGS.
- HOLD-DOWNS SHALL BE SECURED IN PLACE PRIOR TO FOOTING INSPECTION.
- HOLD-DOWNS SHALL BE TIGHTENED JUST PRIOR TO COVERING THE WALL FRAMING.
- UPPER NUMBER INDICATES THE TYPE OF SHEAR PANEL PER SCHEDULE. LOWER NUMBER INDICATES MINIMUM LENGTH OF SHEAR PANEL PER SHEAR PANEL SCHEDULE. WHEN NONE INDICATED, USE TYPE AT EXTERIOR STUD WALL ABOVE AND/OR BELOW OPENING, ALL AROUND BUILDING, AND TO PROVIDE SMOOTH TRANSITION ON FINISH.
- INDICATES SHEAR WALL HOLD-DOWN ANCHOR. SEE PLAN AND DETAILS.
- ALL STUDS WALLS SHALL BE SIZES AS SHOWN IN THE DETAILS.
- HOLD-DOWN HARDWARE MUST BE SECURED IN PLACE PRIOR TO FOUNDATION INSPECTION.

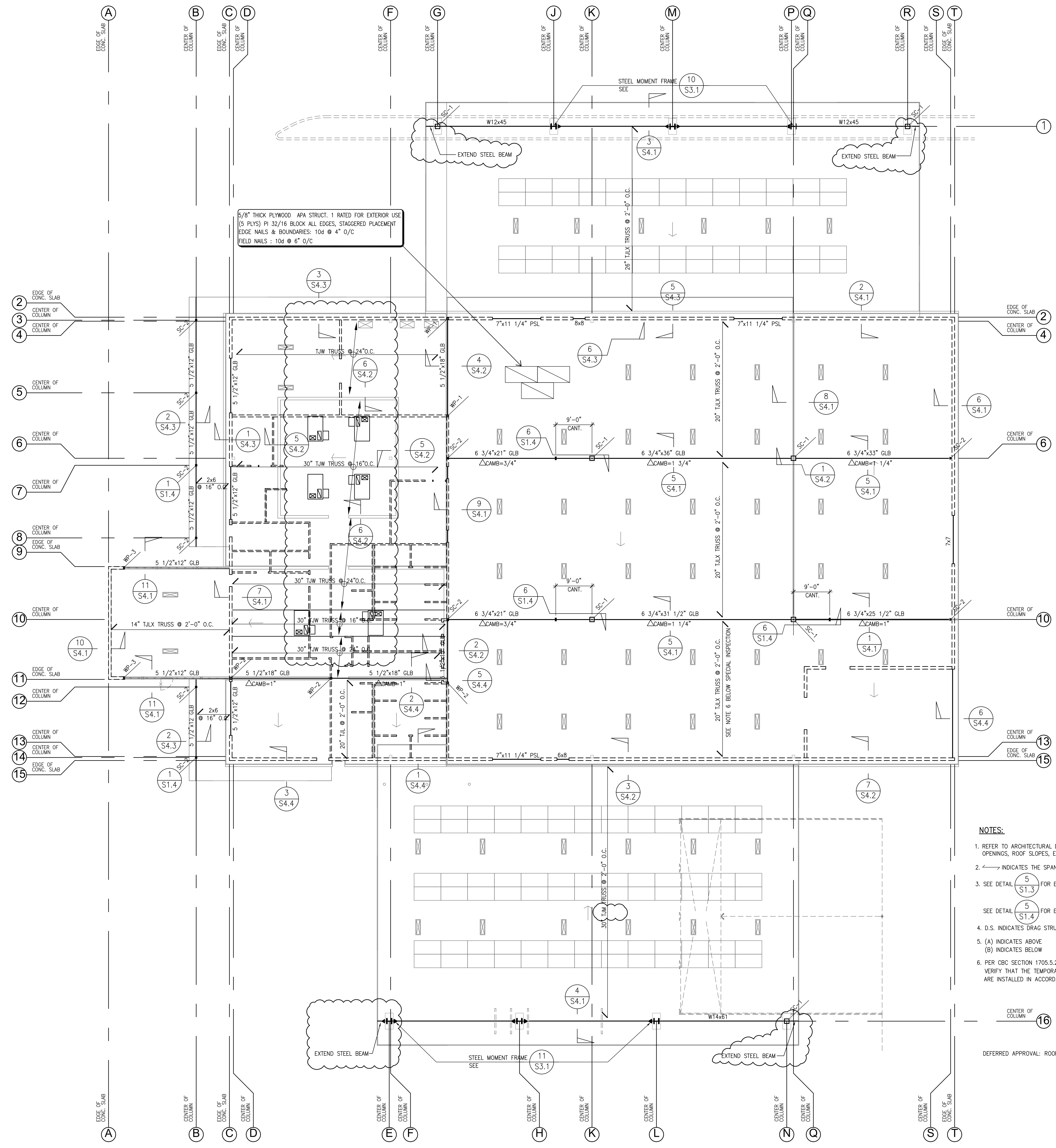
FOUNDATION PLAN
 SCALE: 3/32"=1'-0"

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WHEELER & GRAY
 REGISTERED PROFESSIONAL ENGINEERS
 1333 S. MAYFLOWER AVE., SUITE 320
 MONROVIA, CALIFORNIA 91016
 TEL: (626) 432-5856 FAX: (626) 432-5858



- NOTES:**
1. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. OPENINGS, ROOF SLOPES, ETC. NOT SHOWN.
 2. → INDICATES THE SPANNING OF ROOF TRUSS JOISTS.
 3. SEE DETAIL (5) S1.3 FOR EACH TOP PLATES SPLICE AT ALL EXTERIOR WALL AND PLYWOOD SHEAR PANELS TYP.
 - SEE DETAIL (5) S1.4 FOR EACH TOP PLATES SPLICE AT ALL OTHER INTERIOR WALL TYP.
 4. D.S. INDICATES DRAG STRUT WITH CONTINUOUS B.N. ON PLYWOOD SHEATHING.
 5. (A) INDICATES ABOVE
(B) INDICATES BELOW
 6. PER CBC SECTION 1705.5.2, WHERE A TRUSS CLEAR SPAN IS 60 FEET OR GREATER THE SPECIAL INSPECTOR SHALL VERIFY THAT THE TEMPORARY INSTALLATION RESTRAINT/BRAACING AND THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRAACING ARE INSTALLED IN ACCORDANCE WITH THE APPROVED TRUSS SUBMITTAL PACKAGE.

ROOF FRAMING PLAN
 SCALE: 3/32"=1'-0"

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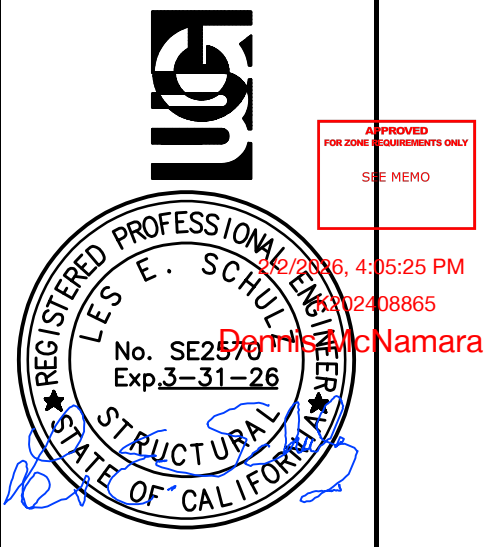
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 Madeline Flowers

WHEELER & GRAY
 ENGINEERS
 CONSULTING ENGINEERS
 1333 S. MAYFLOWER AVE., SUITE 320
 MONROVIA, CALIFORNIA 91016
 TEL: (626) 432-3888 FAX: (626) 432-3858



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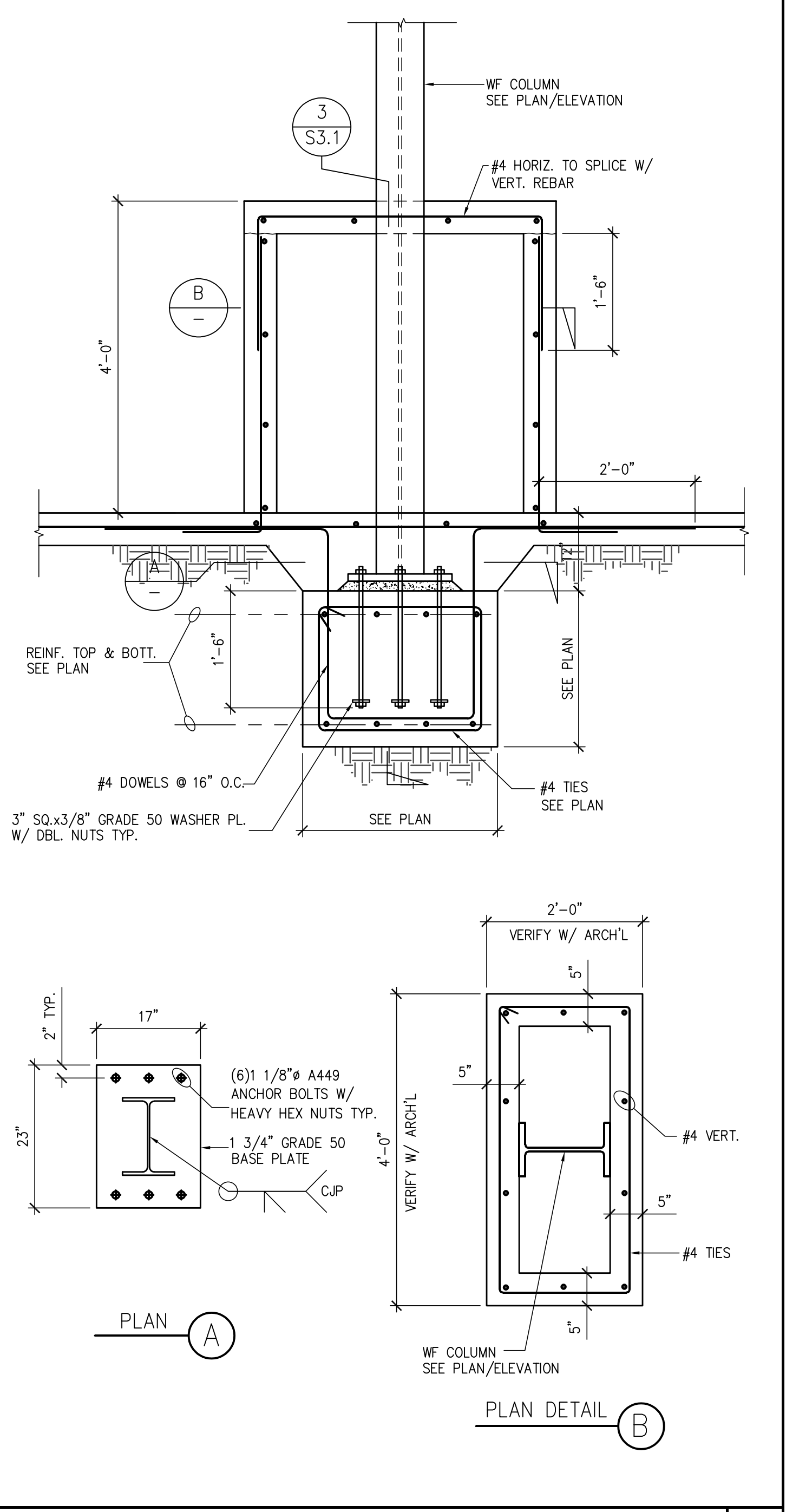
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DATE	ISSUED FOR

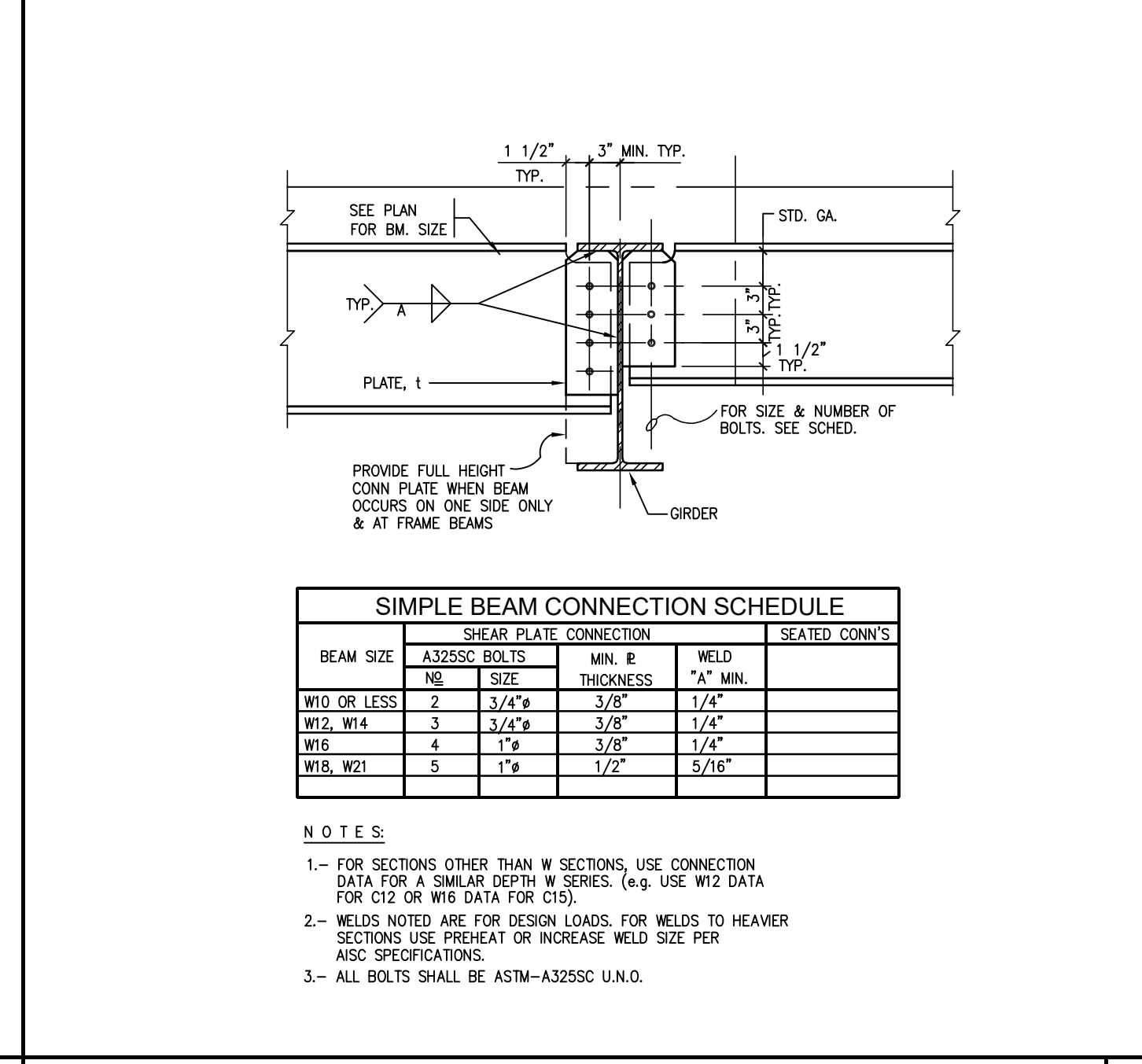
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JOB	DP	PM

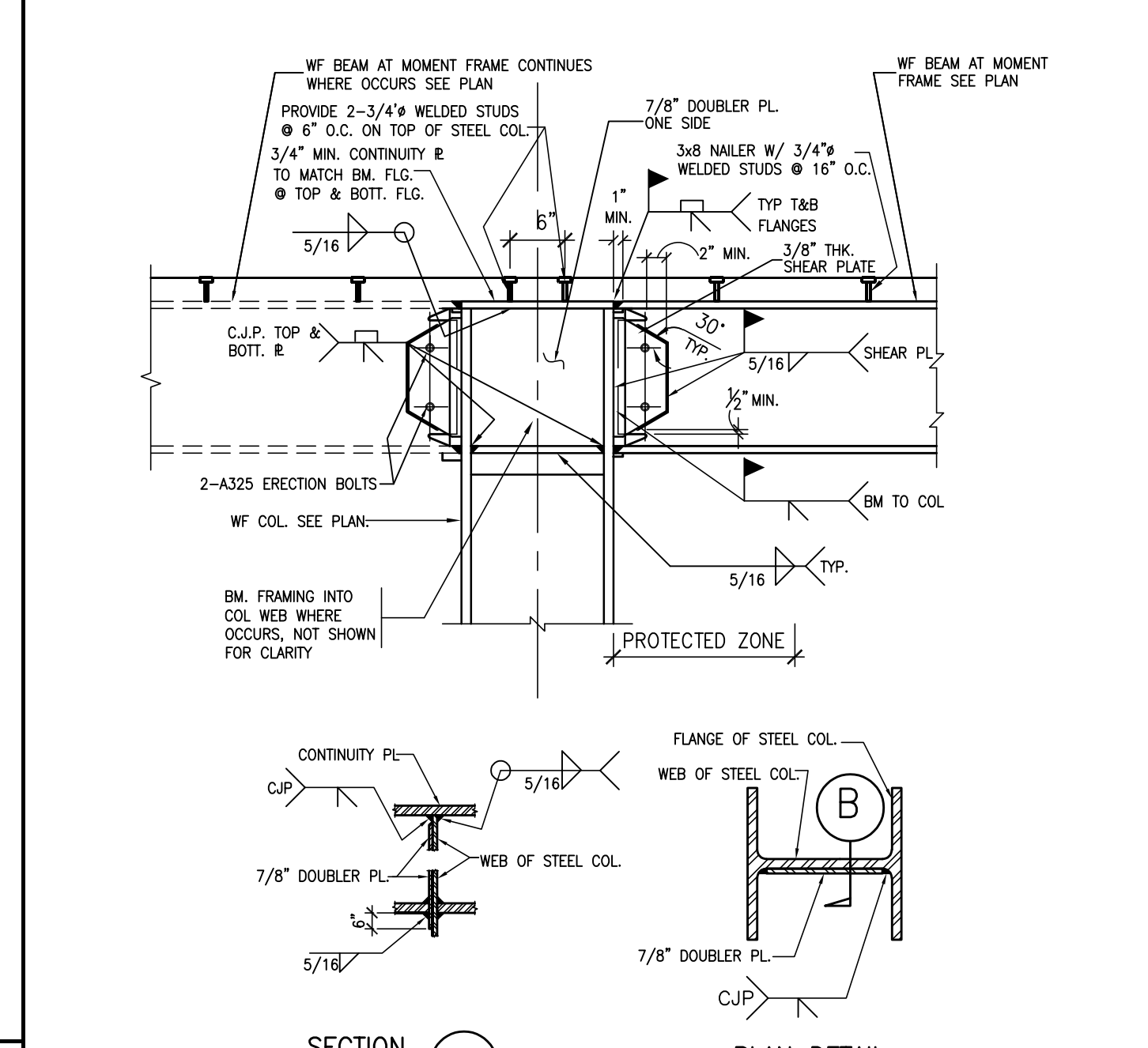
S3.1



12 STEEL COLUMN AT CANOPY



8 CONTINUITY PLATE DETAIL

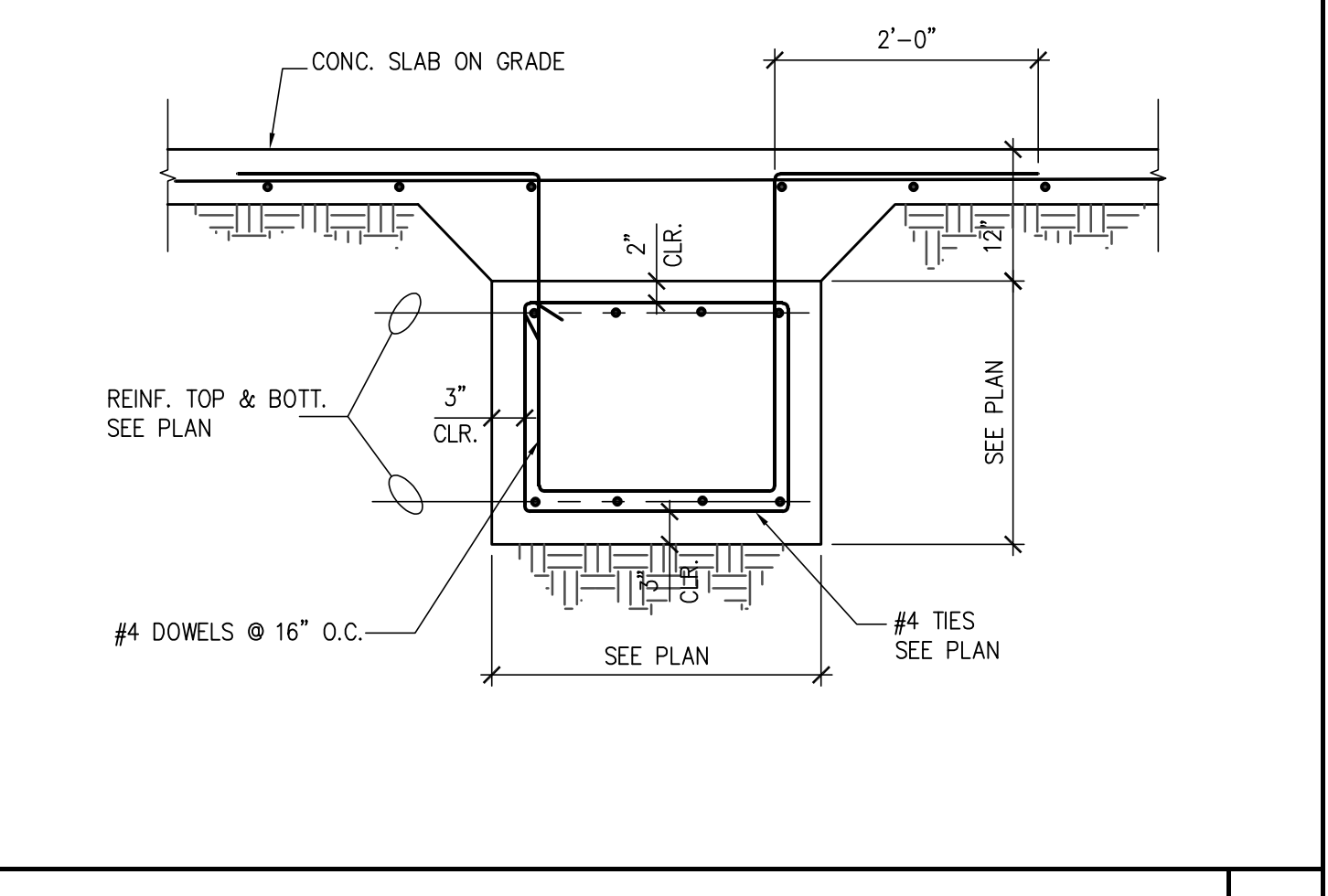


9 BEAM TO BEAM MOMENT CONN.

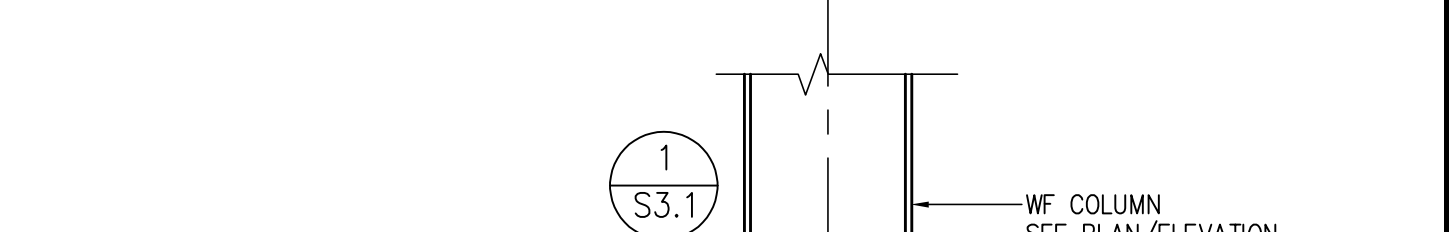
SIMPLE BEAM CONNECTION SCHEDULE				
BEAM SIZE	ACCESS BOLTS	MIN. R	WELD THICKNESS	SEARDED CORNERS
W10 OR LESS	2	3/4"	3/8"	1/4"
W12, W14	3	3/4"	3/8"	1/4"
W16	4	1"	3/8"	1/4"
W18, W21	5	1"	1/2"	5/16"

NOTES:
 1- FOR SECTIONS OTHER THAN W SECTIONS, USE CONNECTION DATA FOR A SIMILAR DEPTH W SERIES. (4) USE W12 DATA FOR C12 OR W18 DATA FOR C18.
 2- WELDS NOTED ARE FOR DESIGN LOADS. FOR WELDS TO HEAVIER SECTIONS USE PREHEAT OR INCREASE WELD SIZE PER AISC SPECIFICATIONS.
 3- ALL BOLTS SHALL BE ASTM-A325SC U.N.C.

4 DETAIL

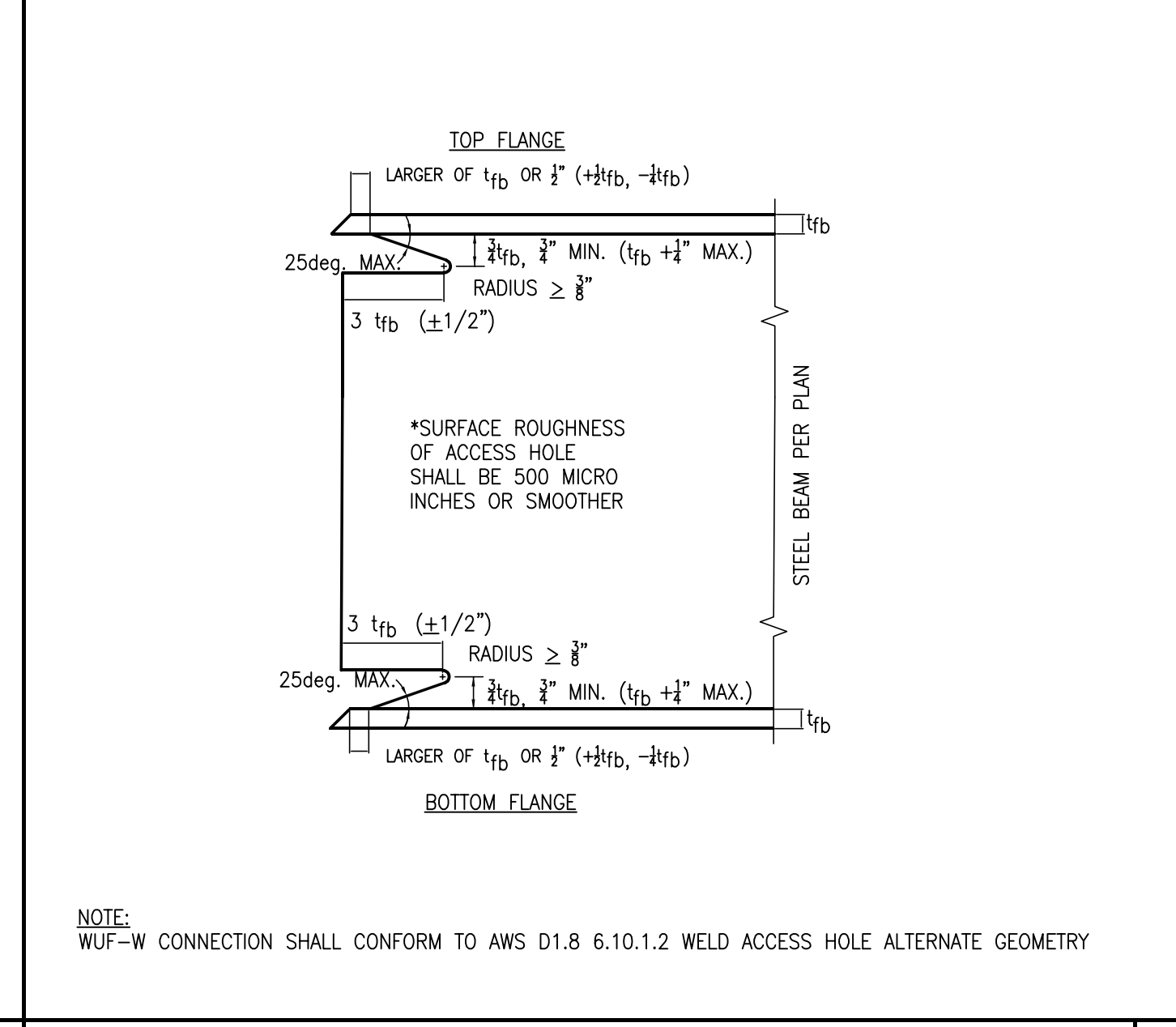


5 WUF-W MOMENT CONNECTION

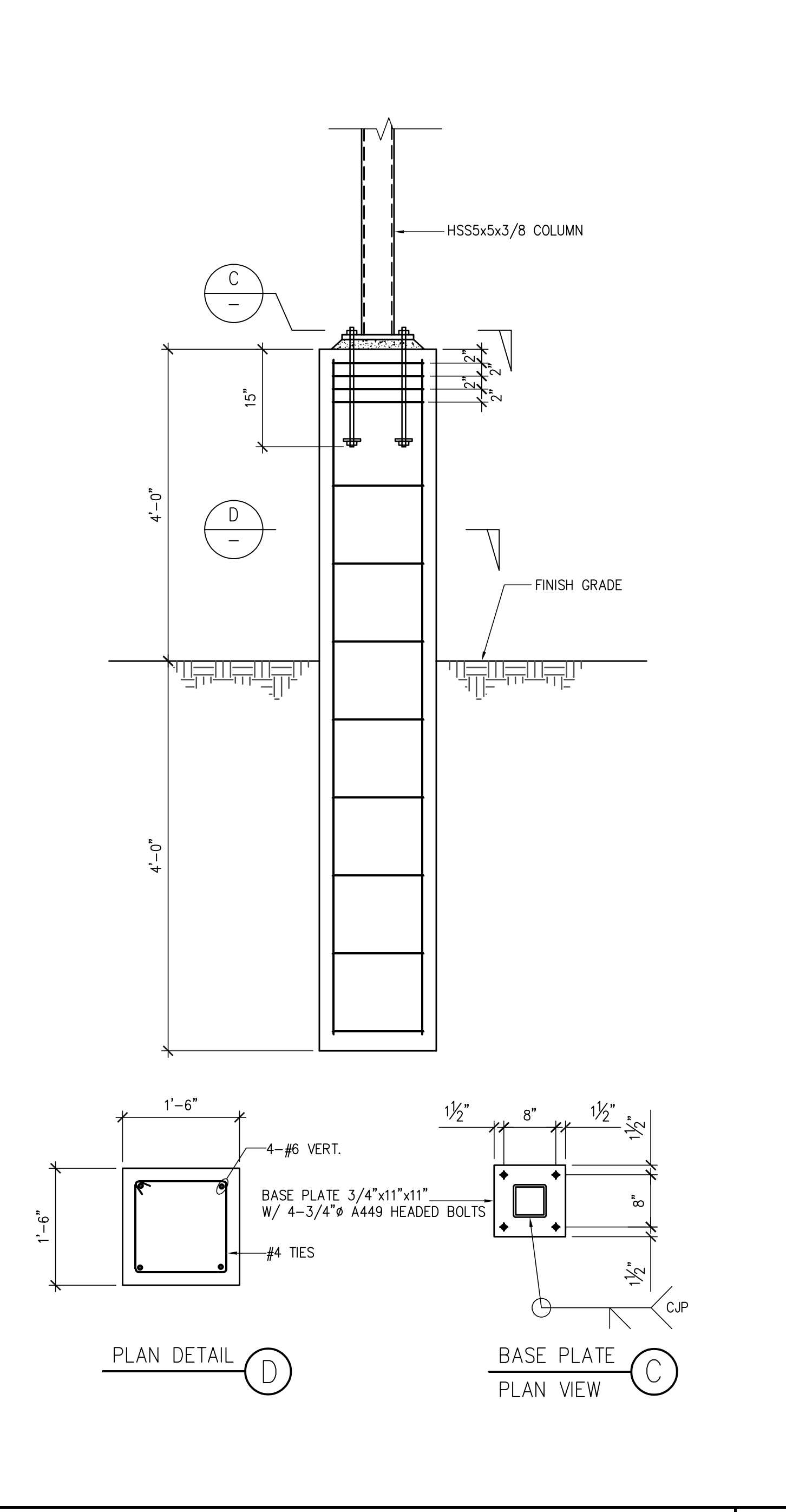


7 WELD ACCESS HOLE DETAIL

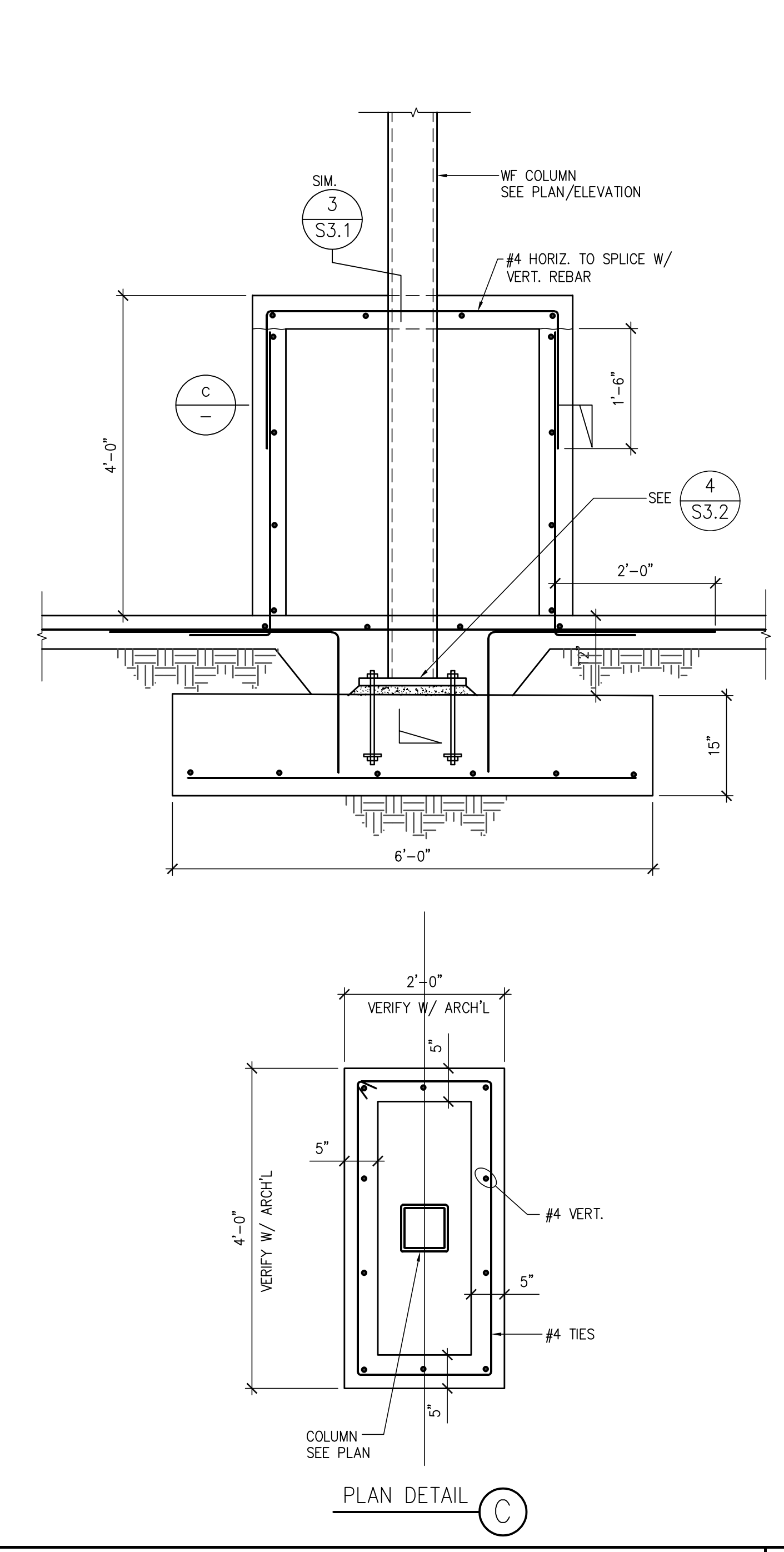
6 DETAIL



10 STEEL MOMENT FRAME ELEVATION (ALONG GRID LINE "1")



11 STEEL MOMENT FRAME ELEVATION (ALONG GRID LINE "16")



12 DETAIL

12 DETAIL

12 DETAIL

12 DETAIL

12 DETAIL

12 DETAIL

12 DETAIL

12 DETAIL

12 DETAIL

12 DETAIL

12 DETAIL

12 DETAIL

12 DETAIL

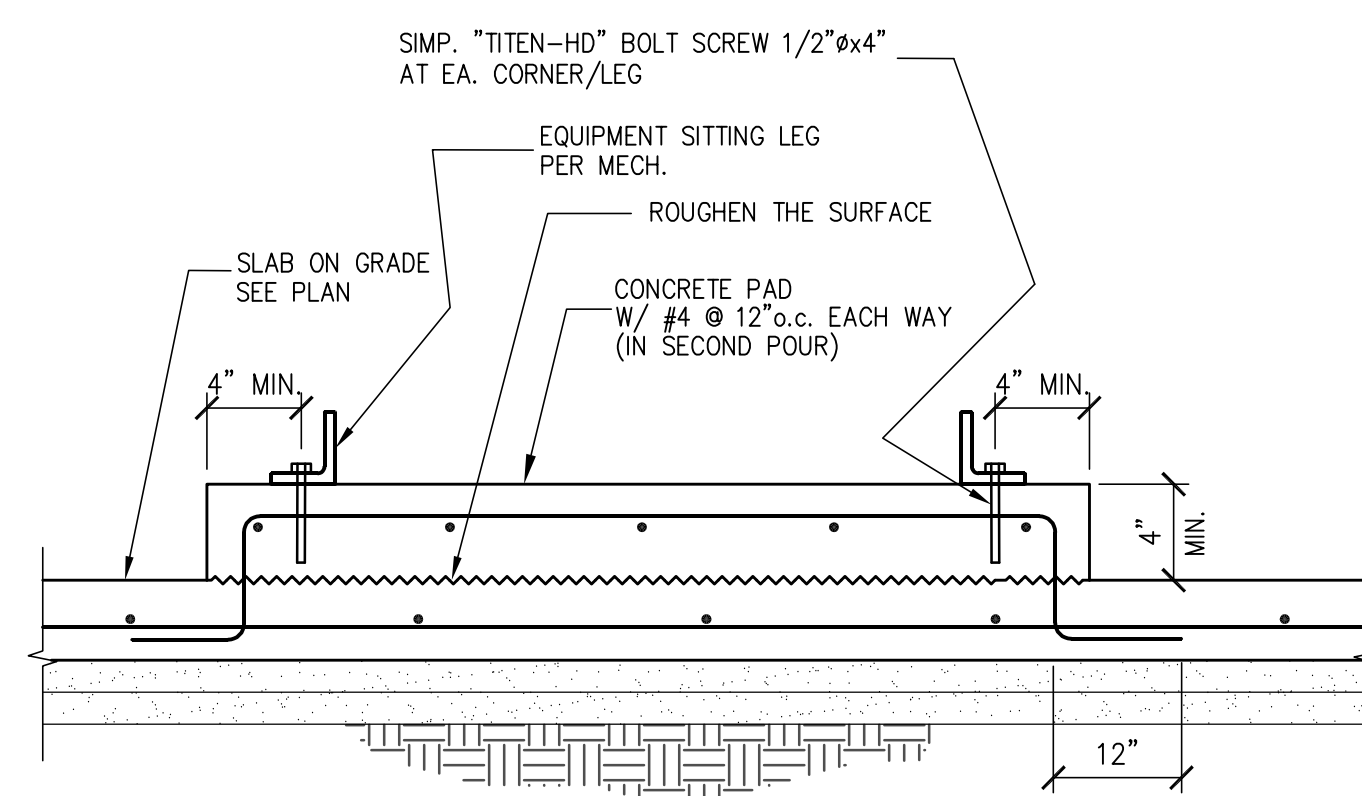
12 DETAIL

12 DETAIL

12 DETAIL

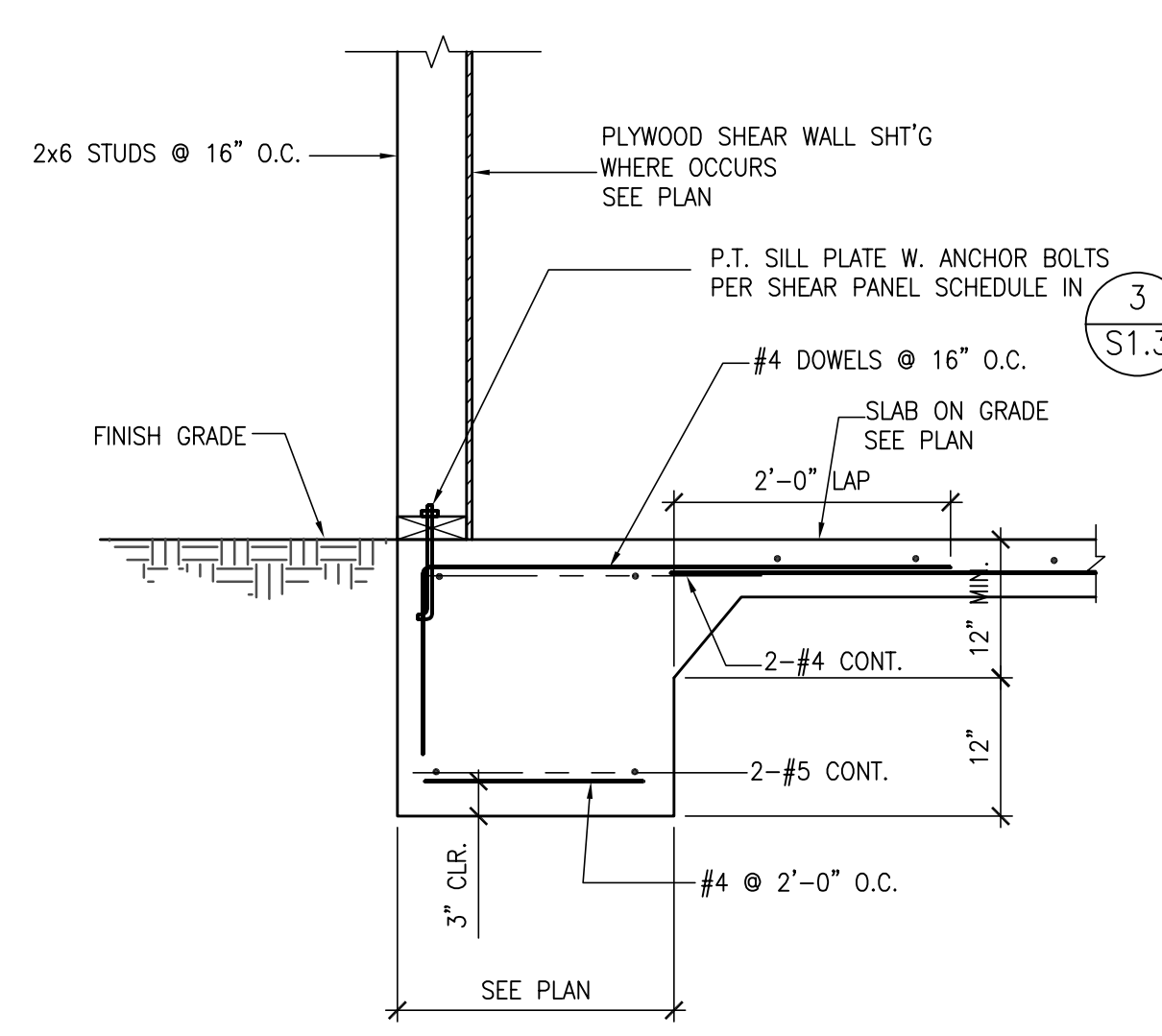
12 DETAIL

12 DETAIL



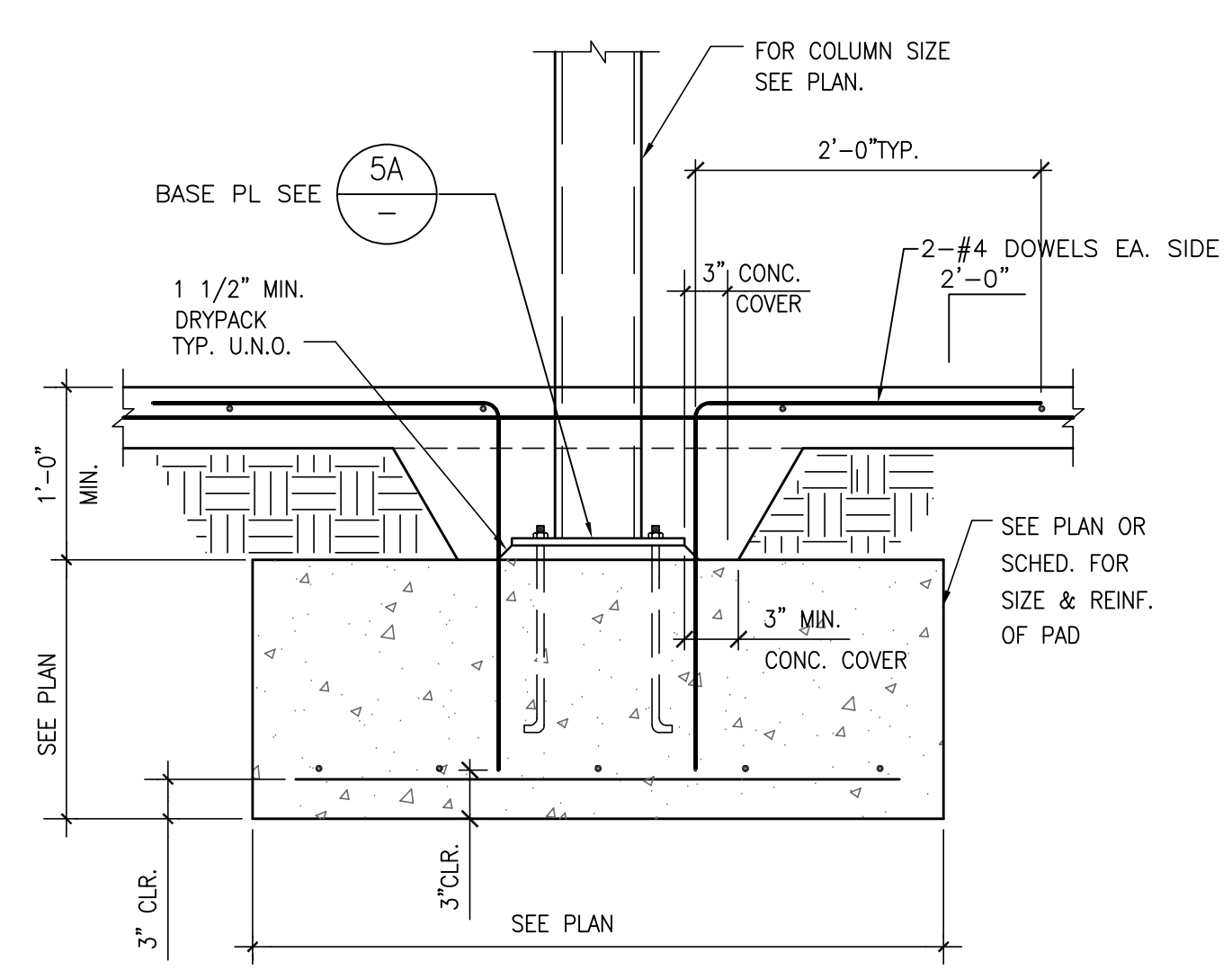
CONCRETE PAD

12 DETAIL



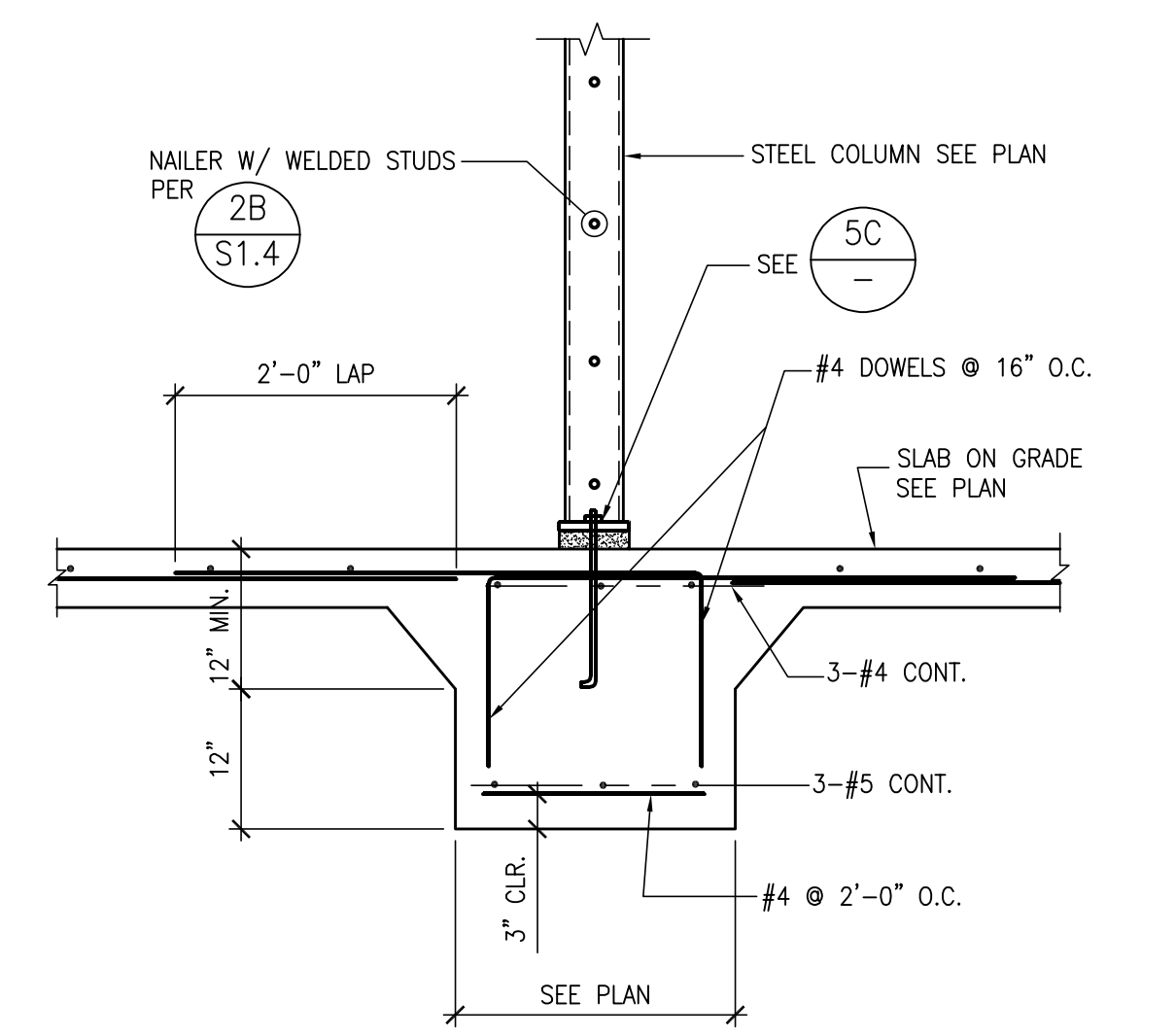
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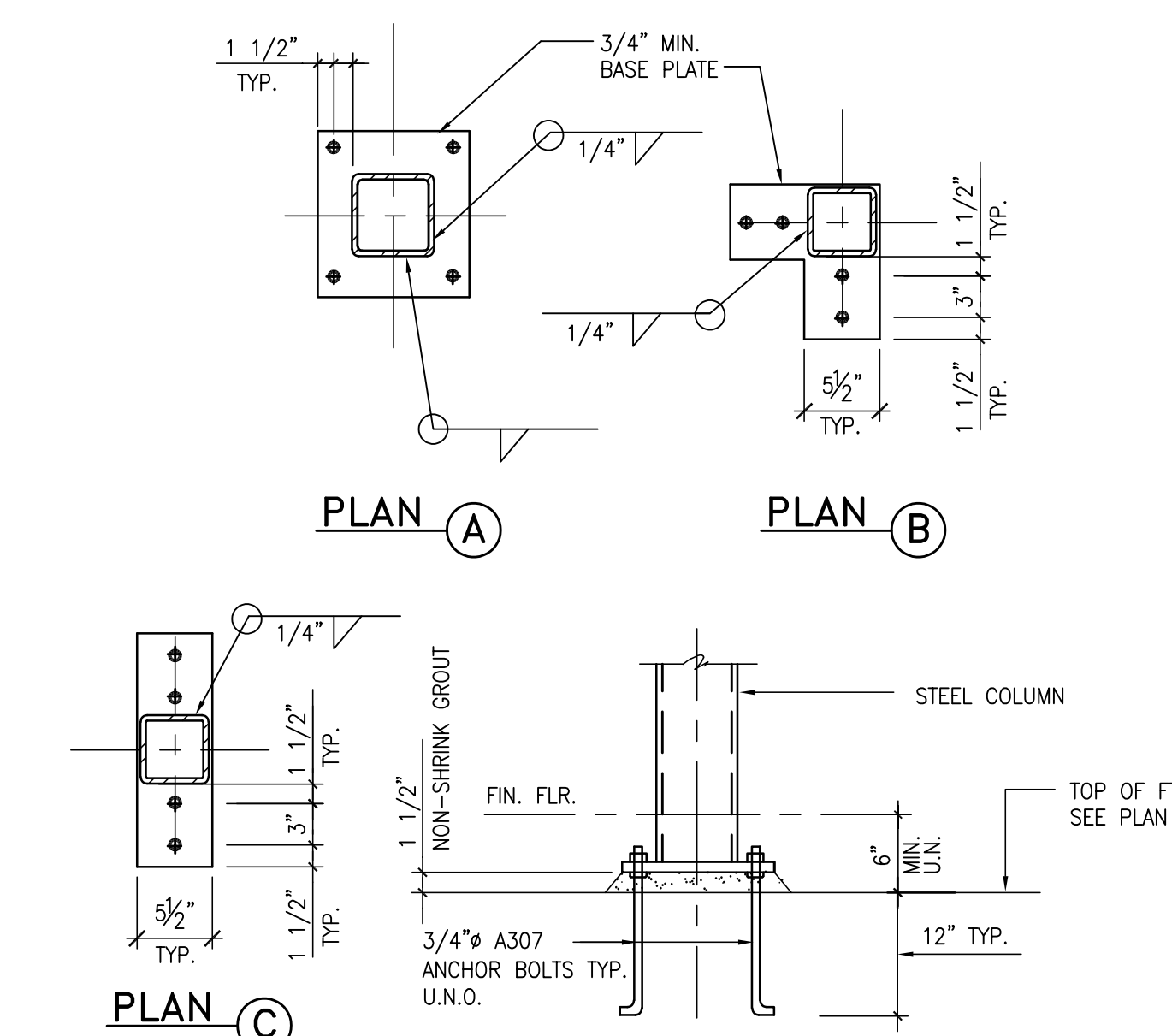
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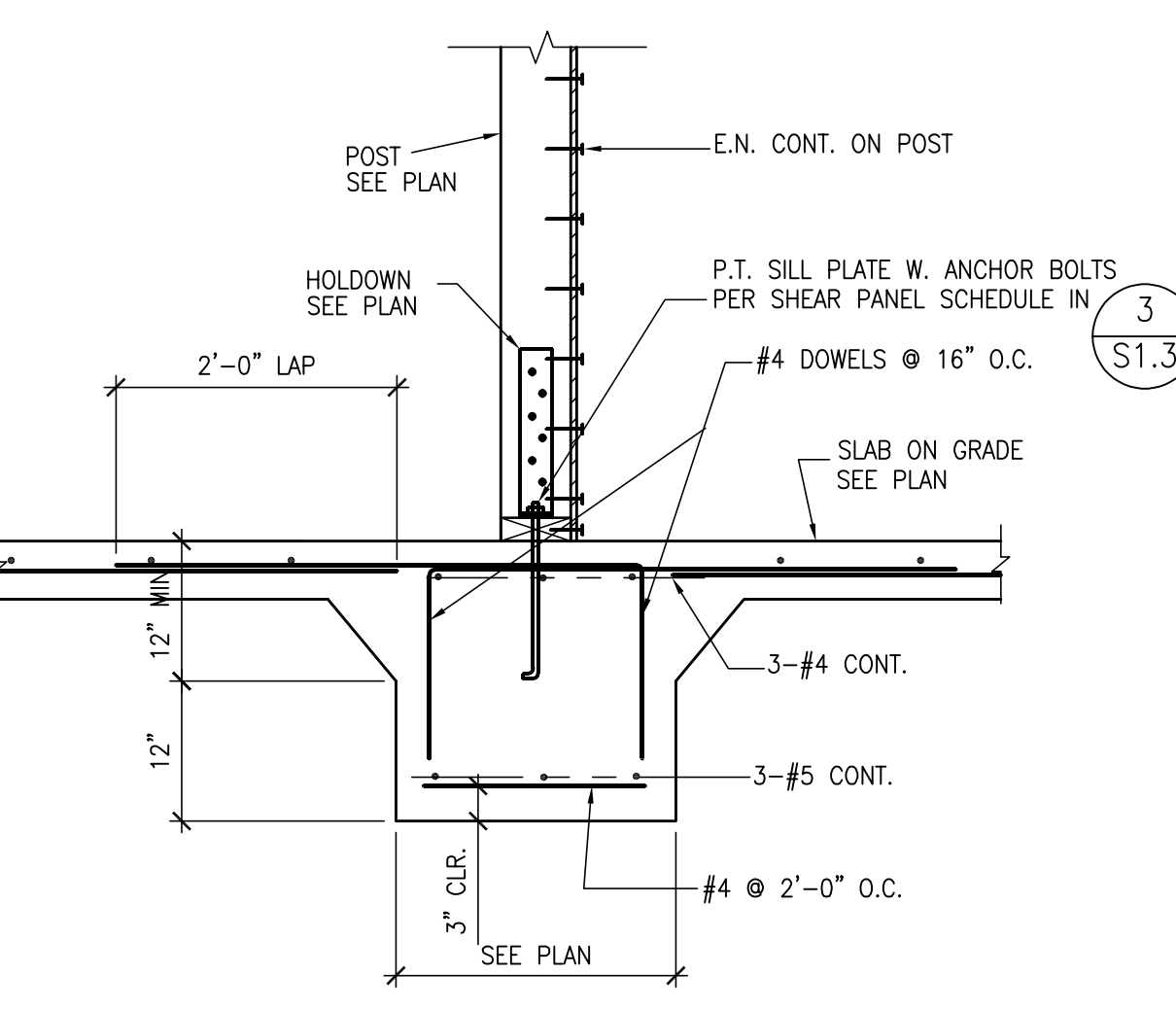
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9



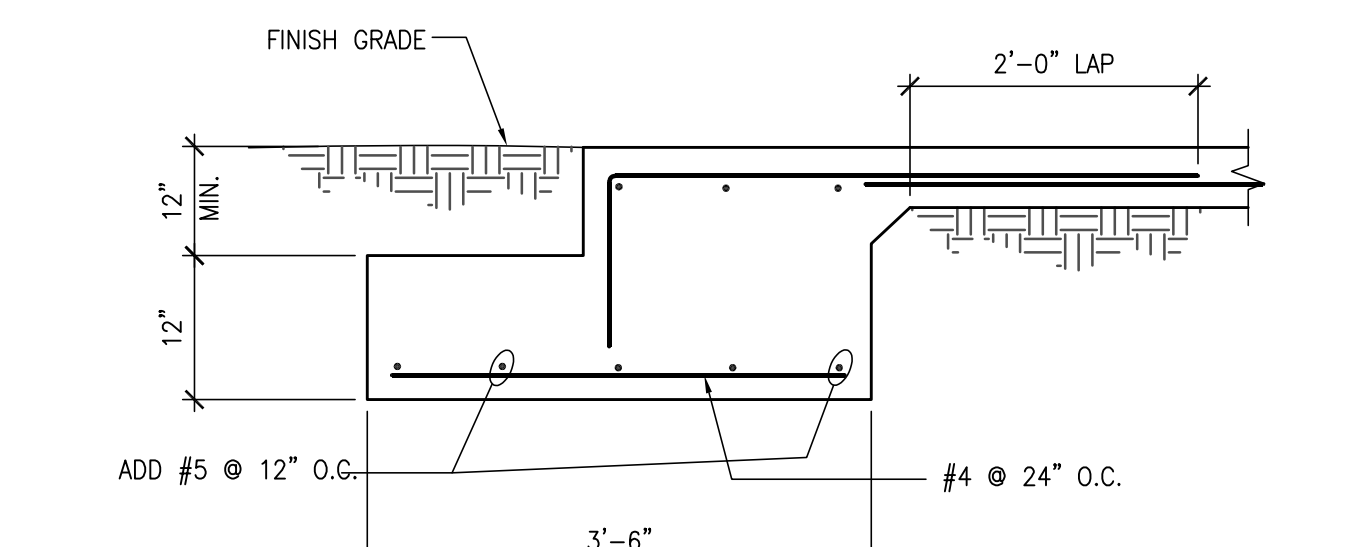
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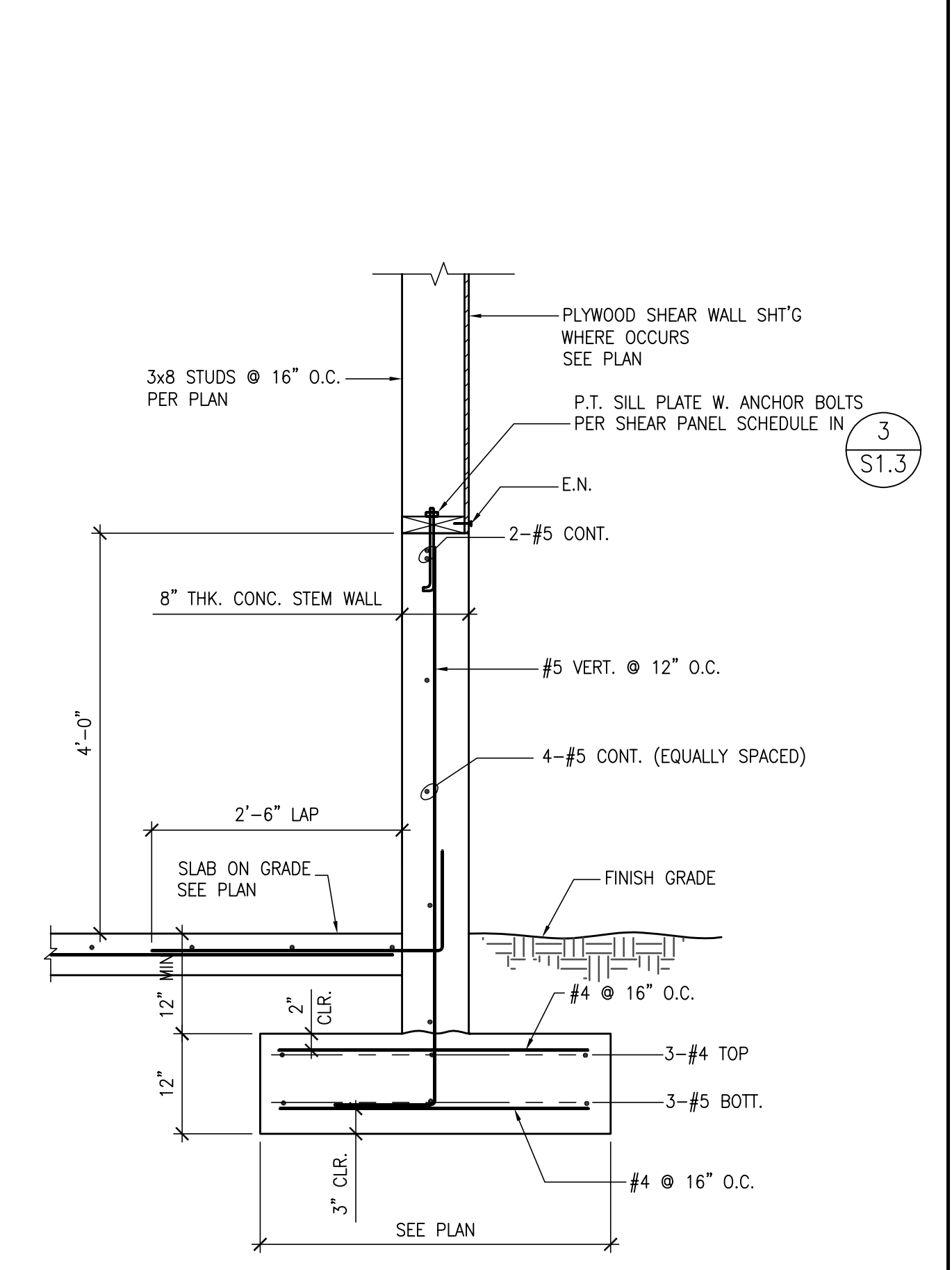
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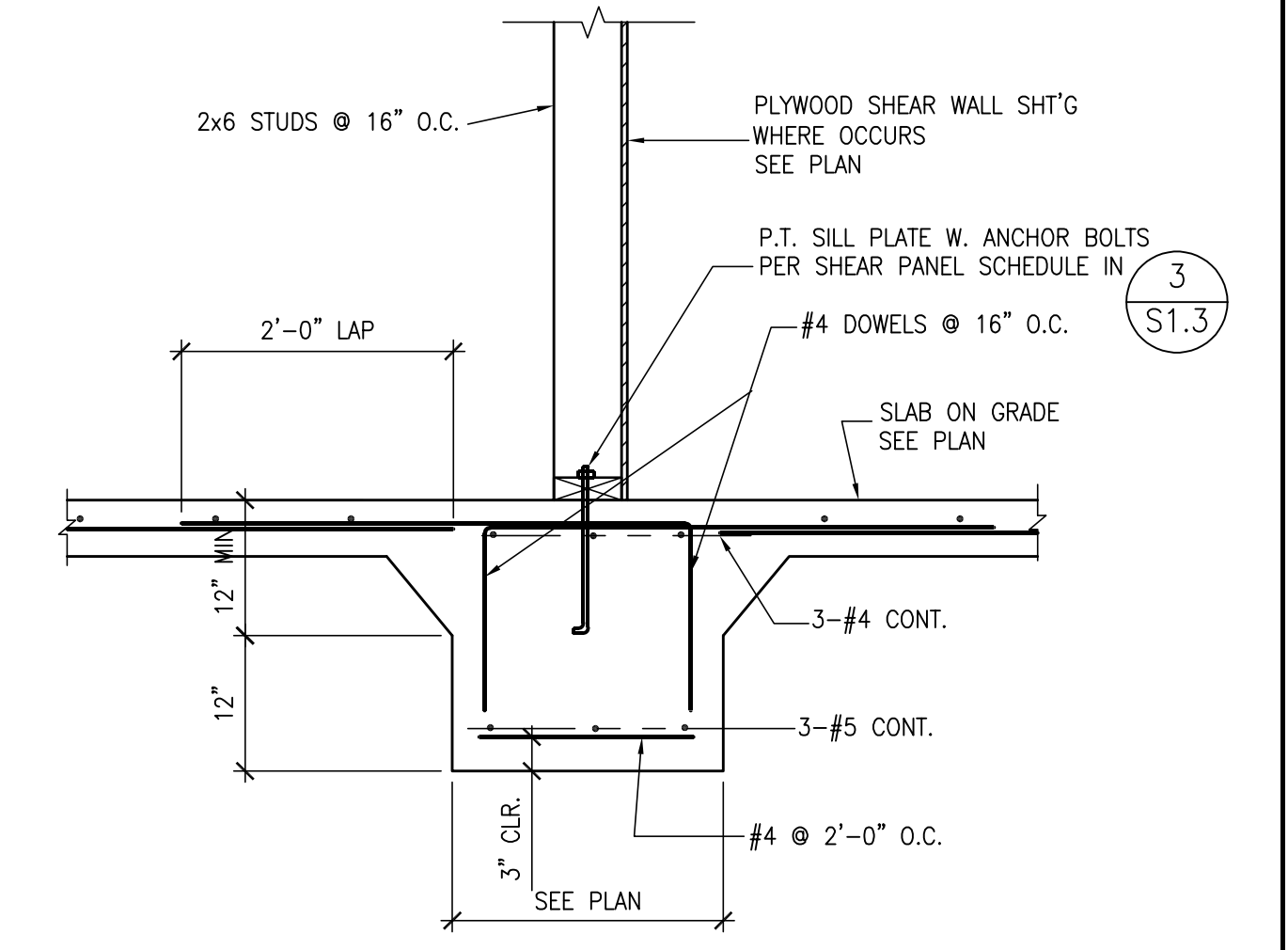
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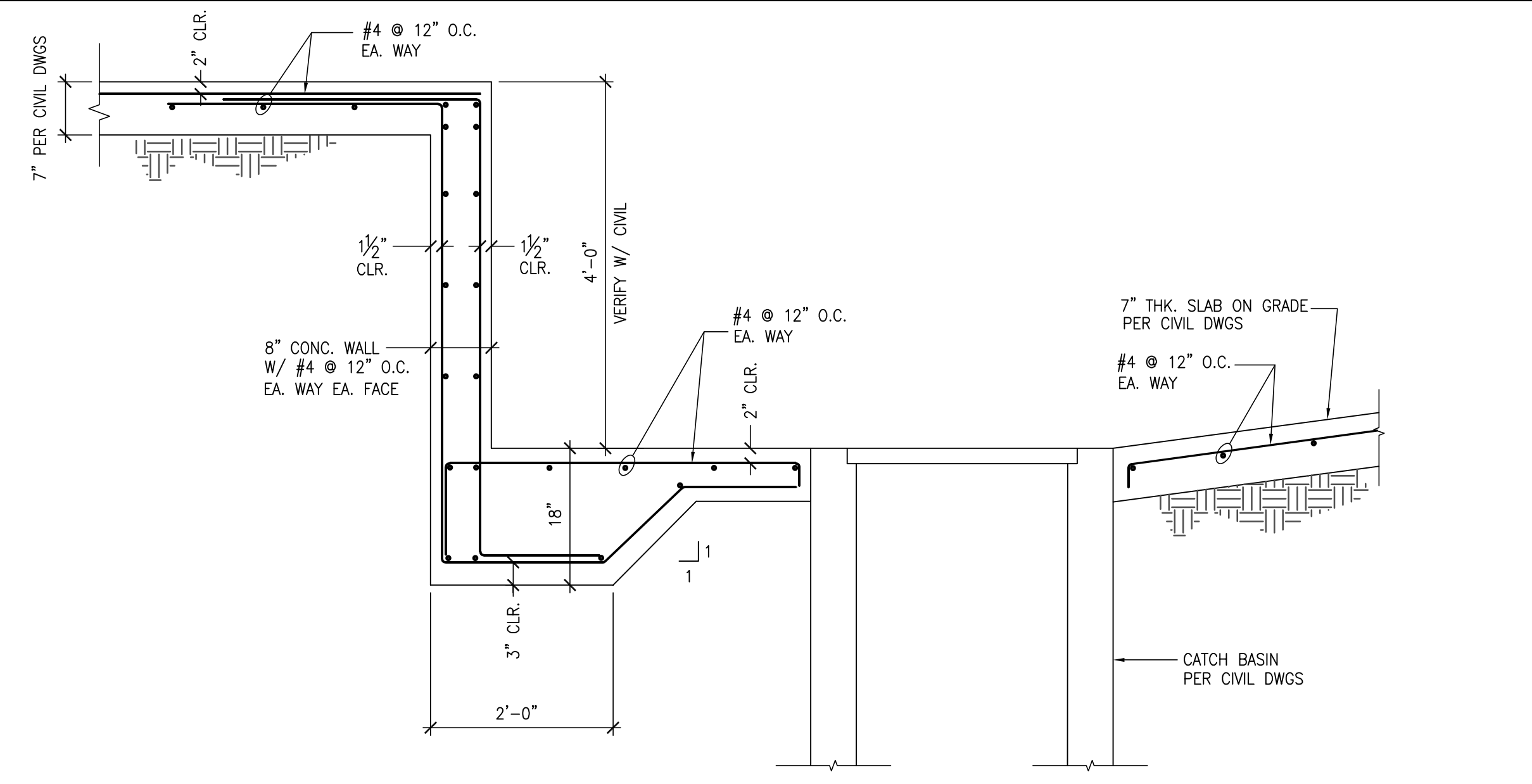
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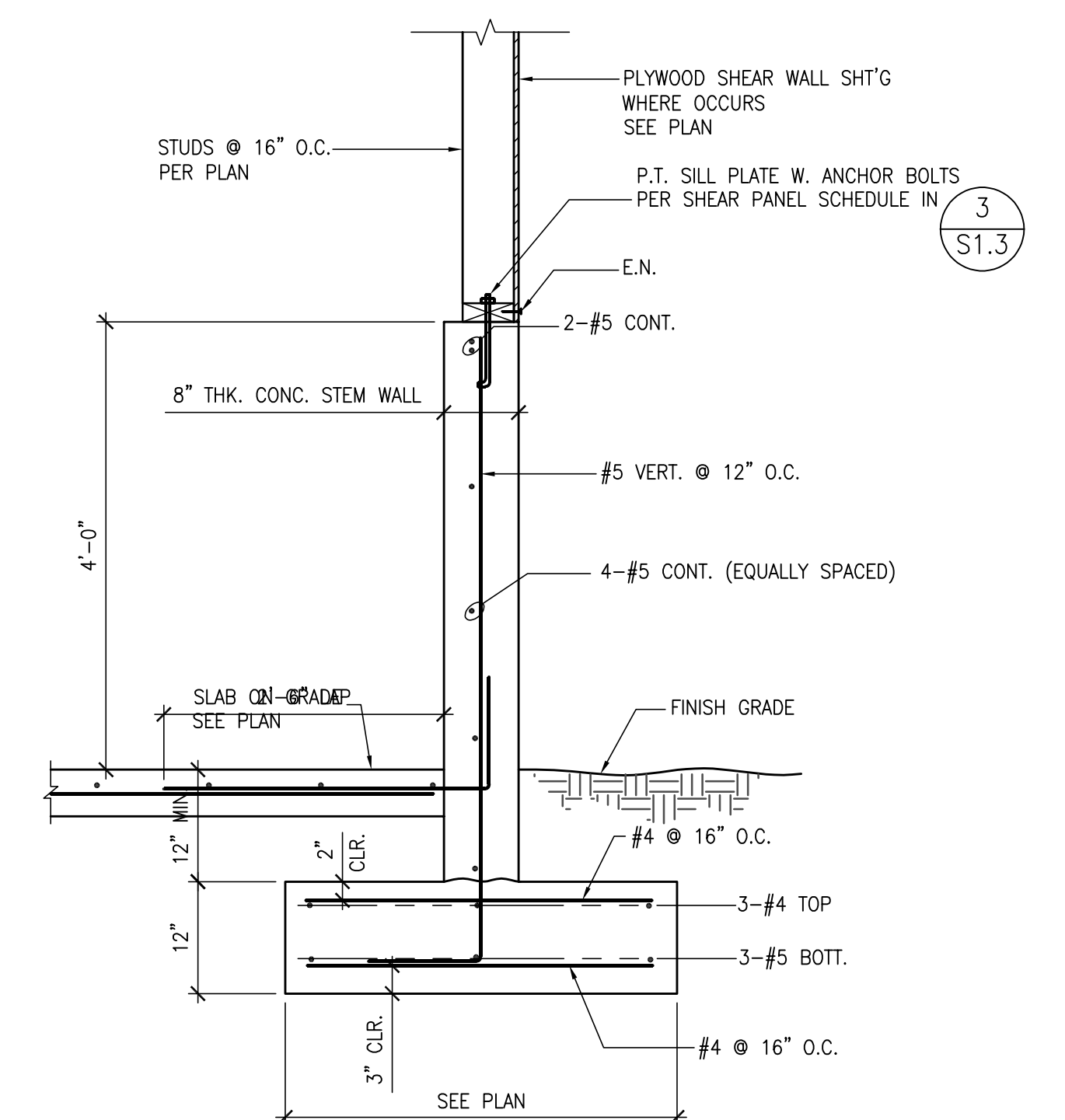
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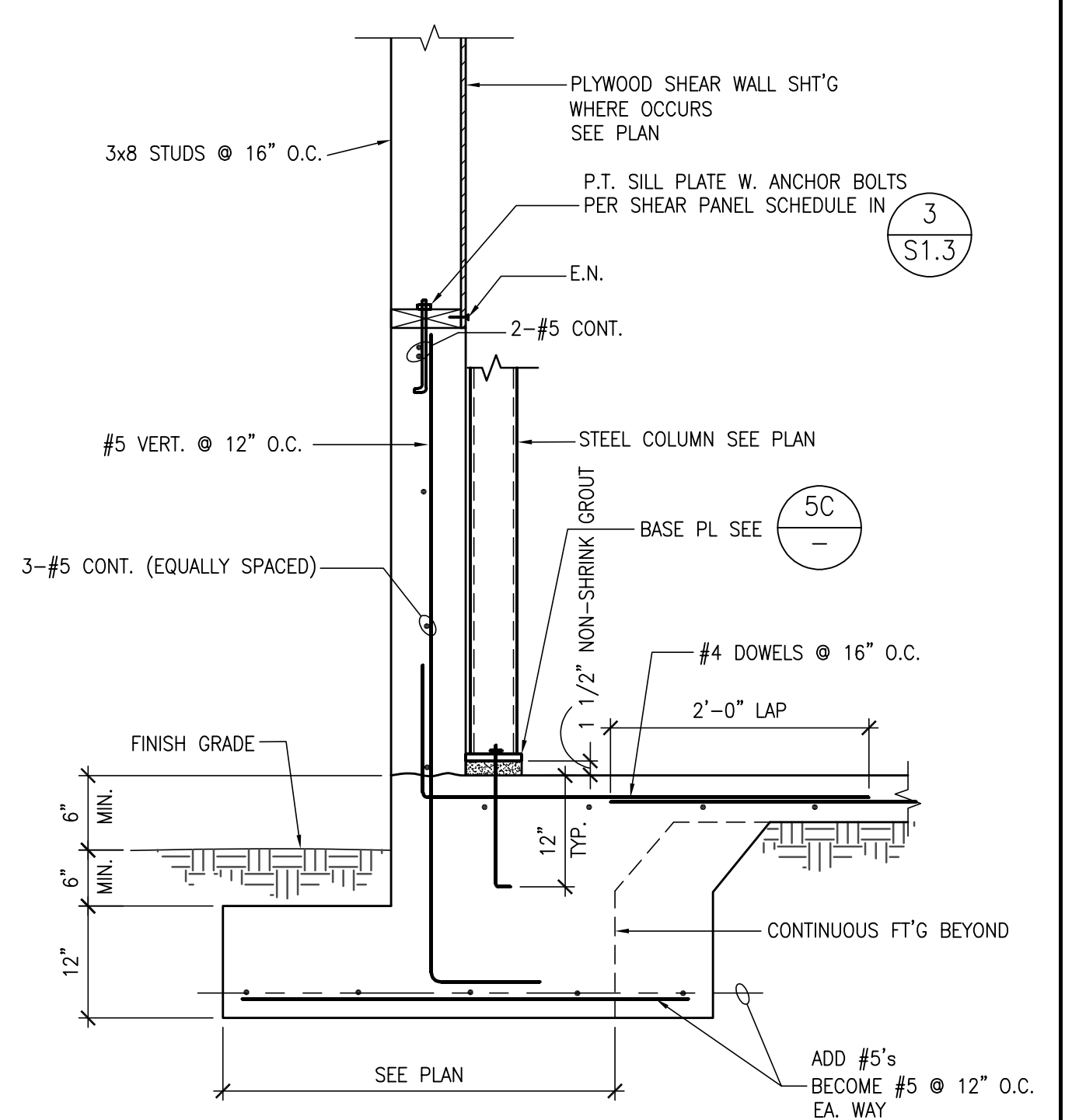
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11



DETAIL

7



DETAIL

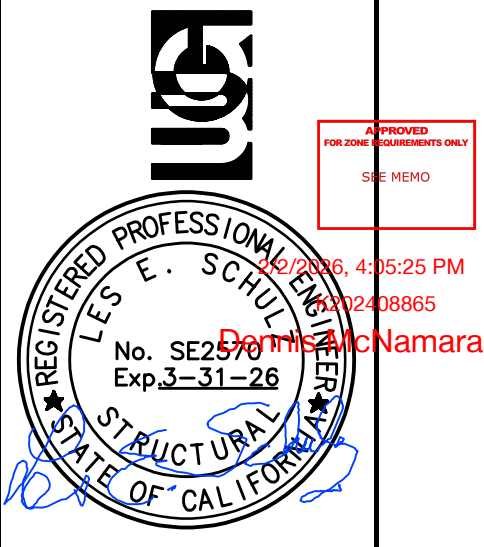
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 Madeline Flowers

WHEELER & GRAY
 CONSULTING ENGINEERS
 1333 S. MAYFLOWER AVE., SUITE 320
 MONROVIA, CALIFORNIA 91016
 TEL: (626) 432-3856 FAX: (626) 432-8558



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 1333 S. MAYFLOWER AVE., SUITE 320
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 TEL: (626) 432-3858 FAX: (626) 432-8858



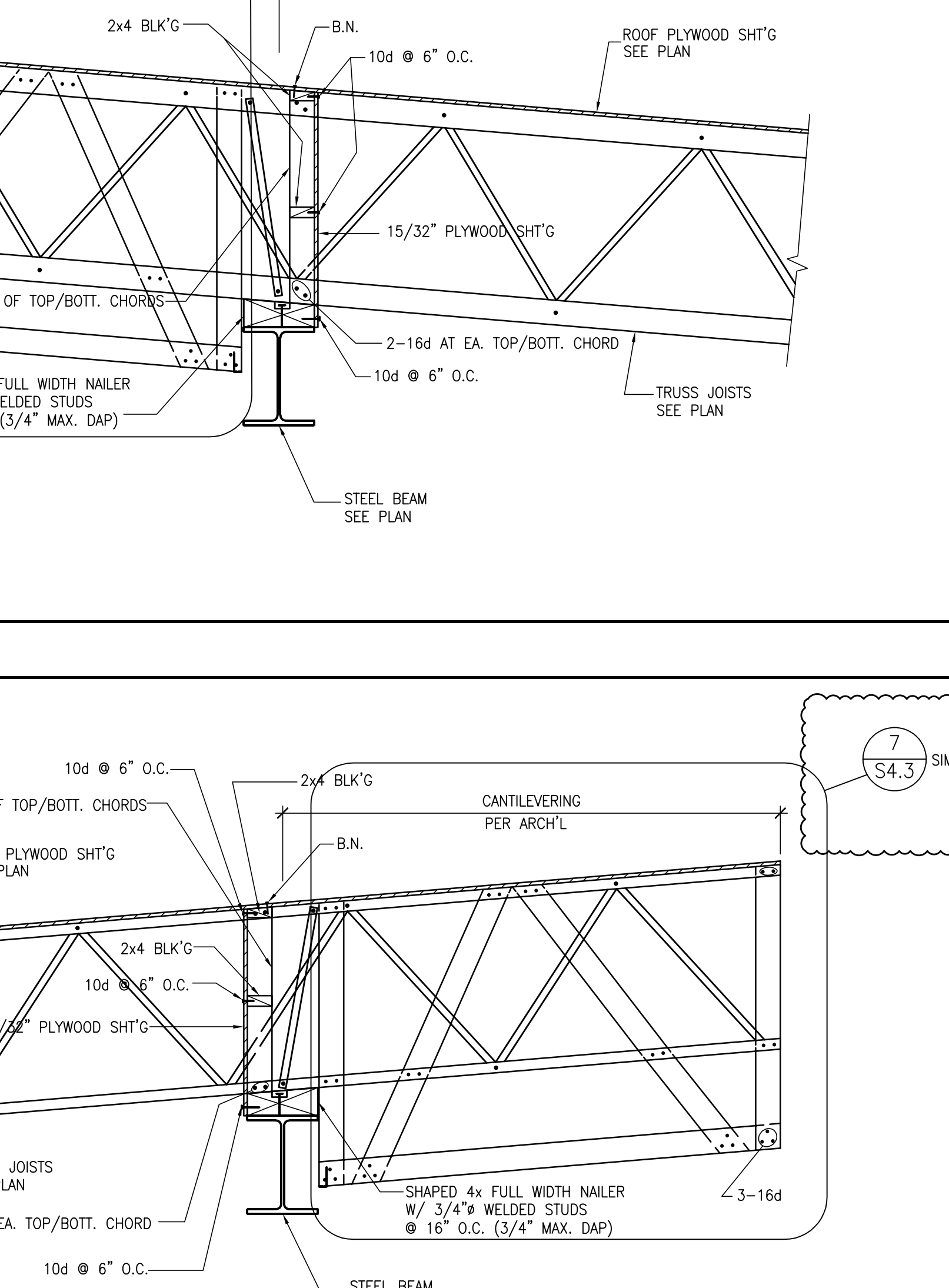
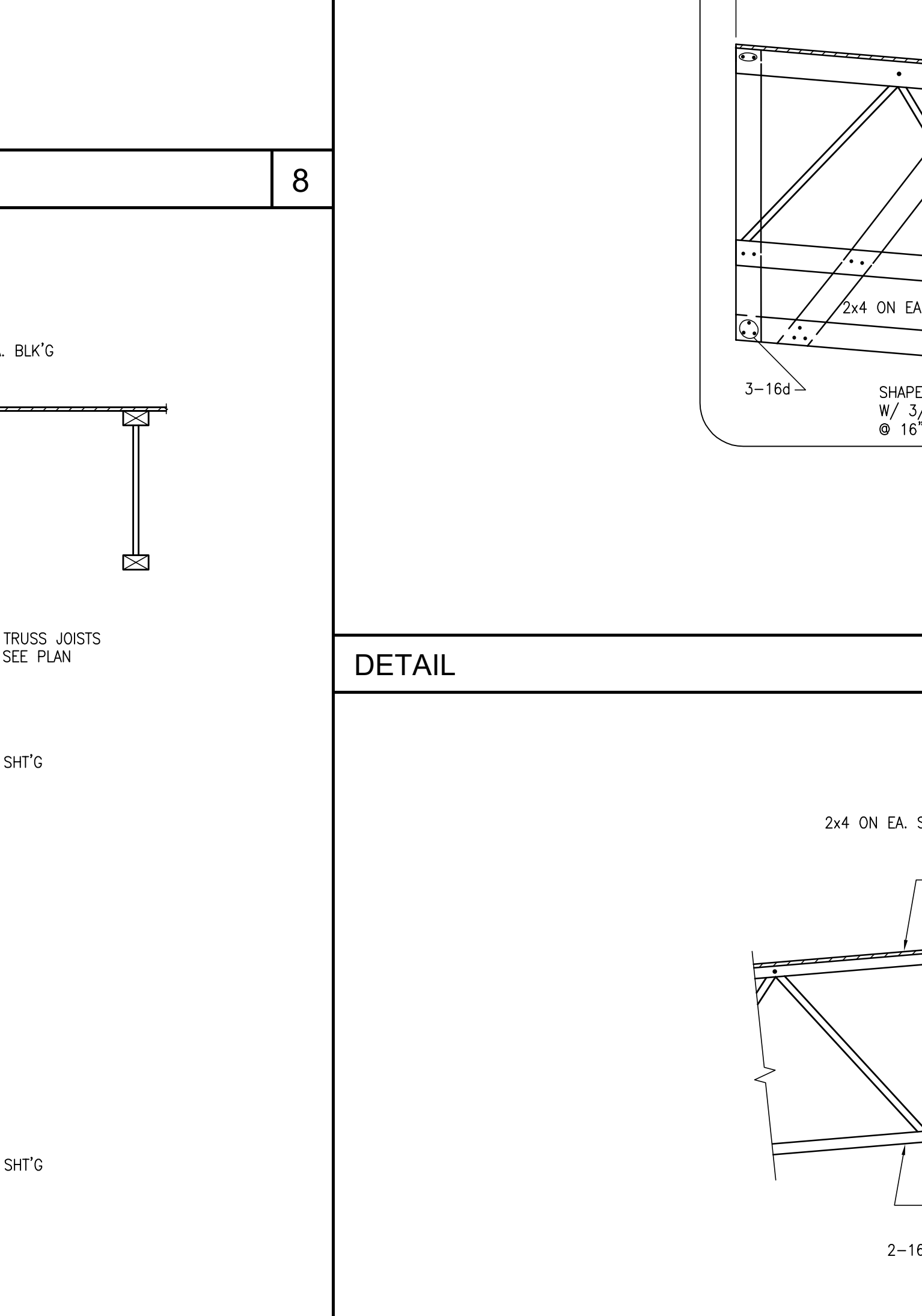
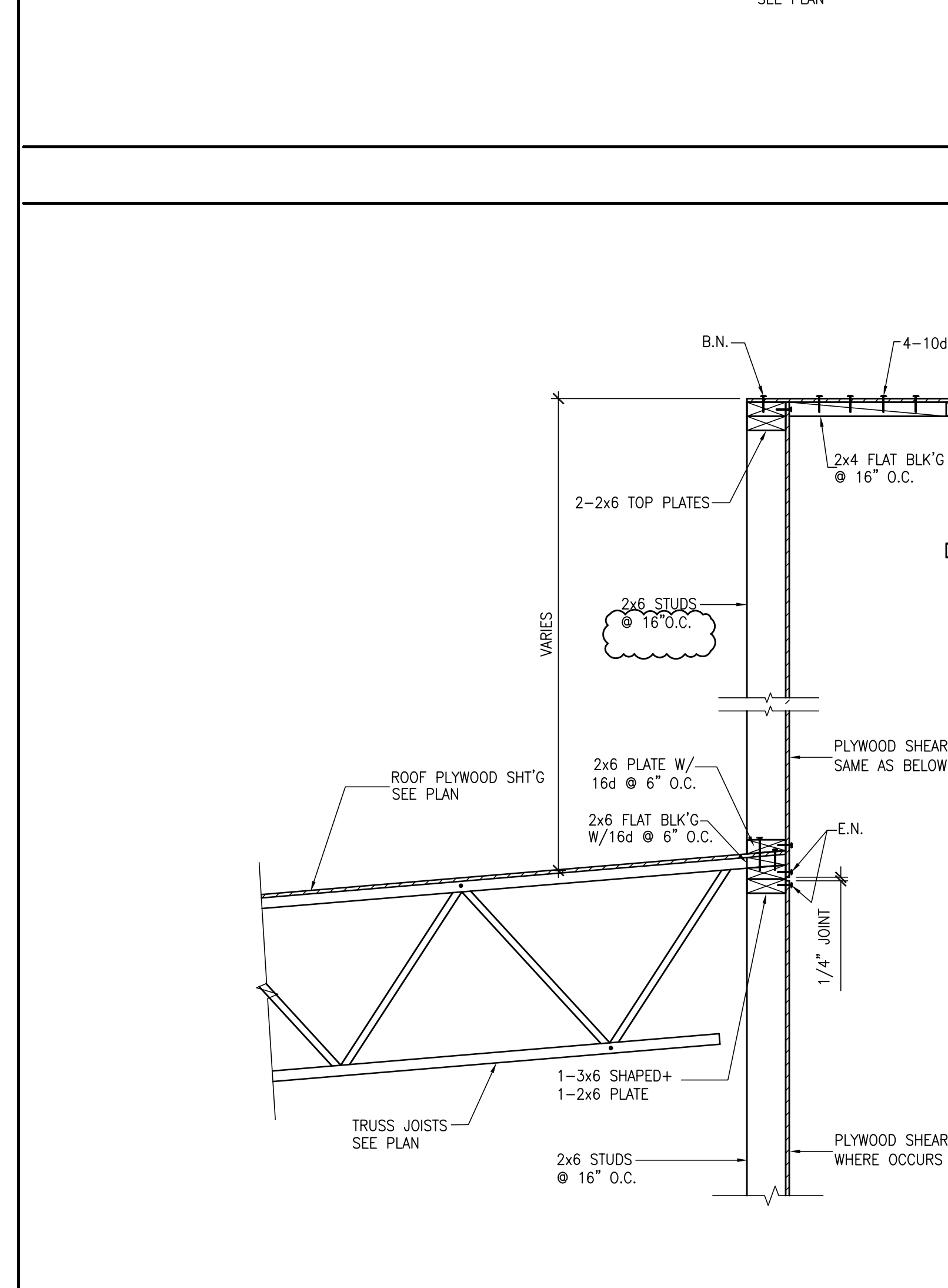
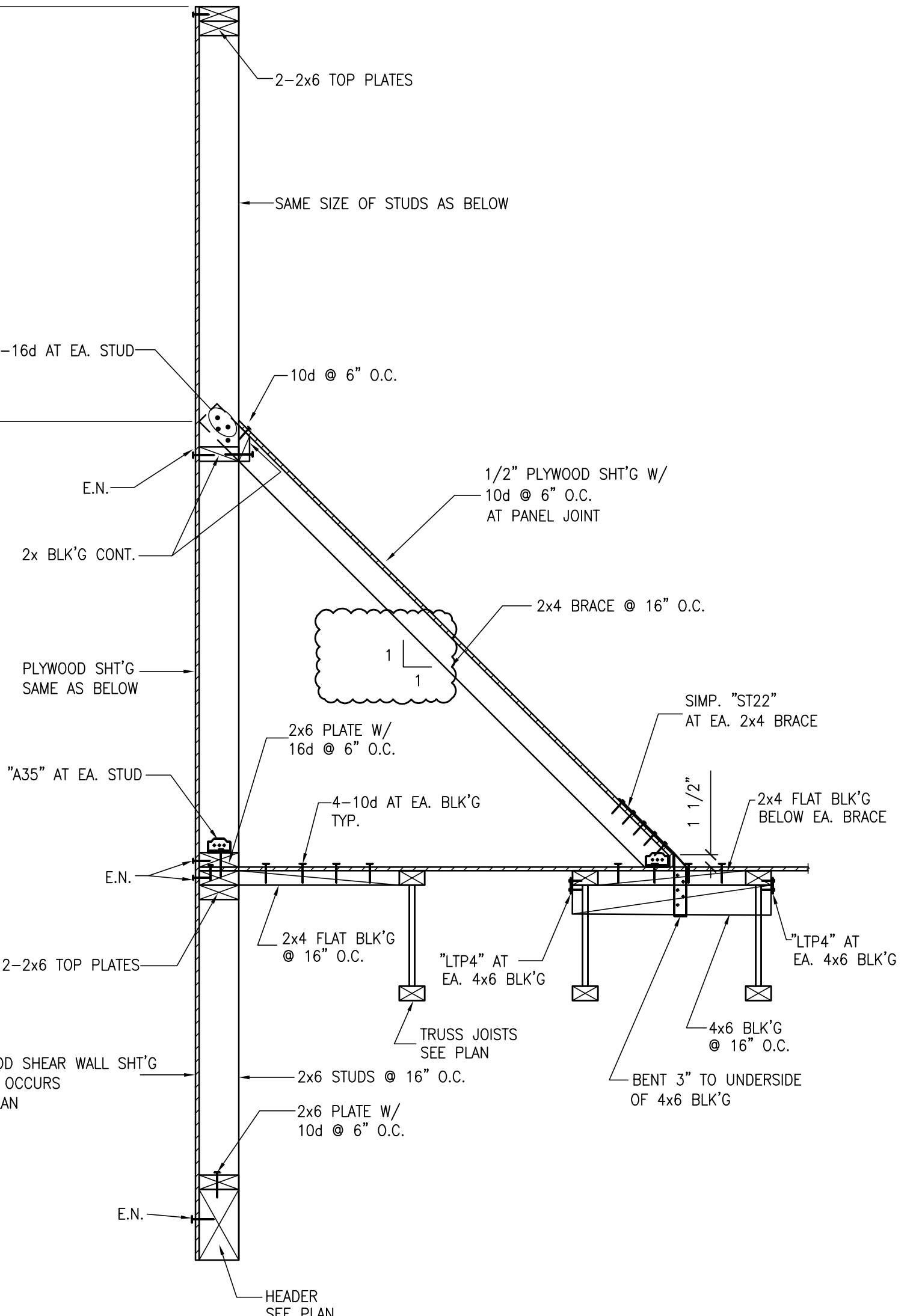
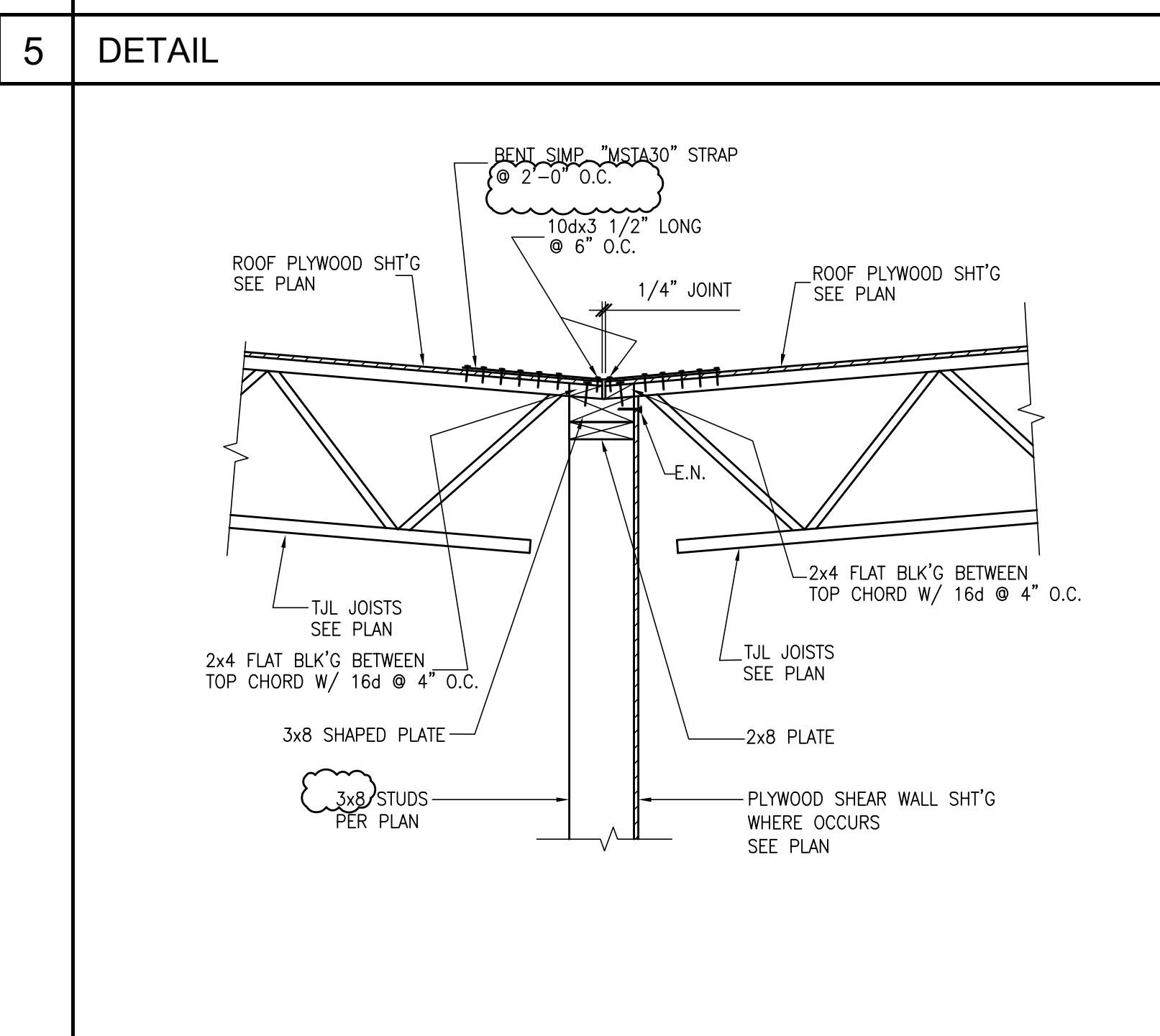
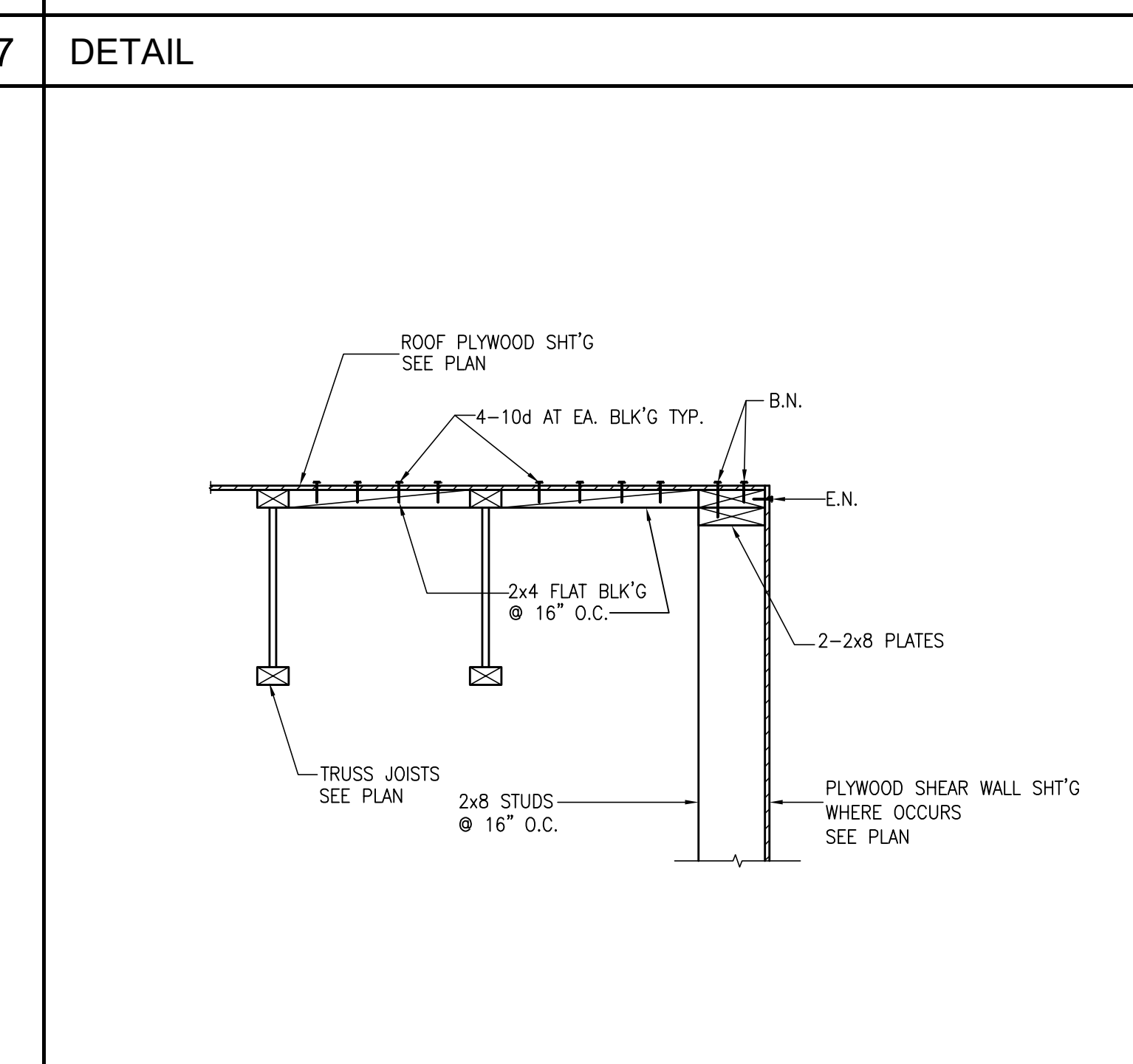
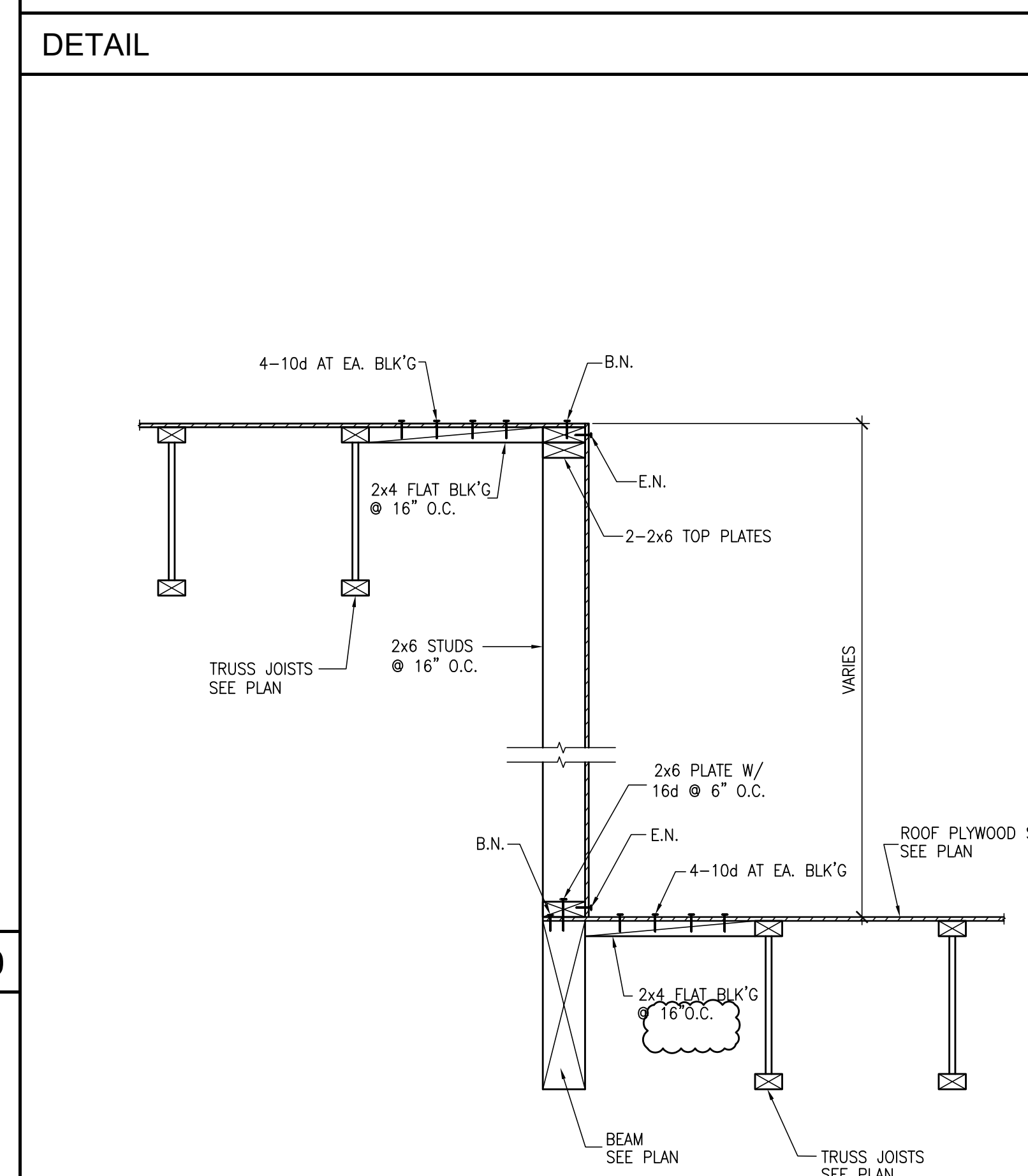
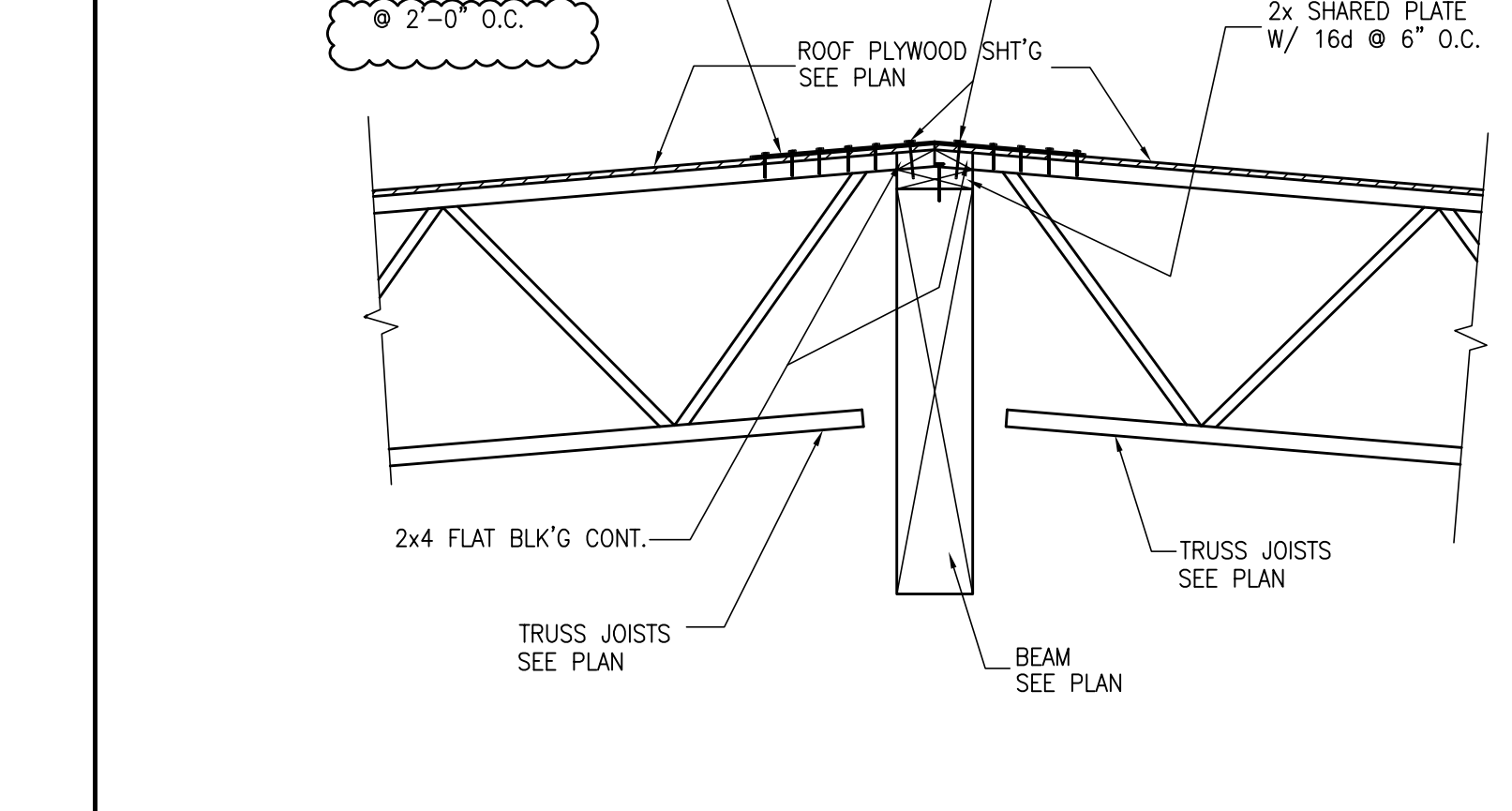
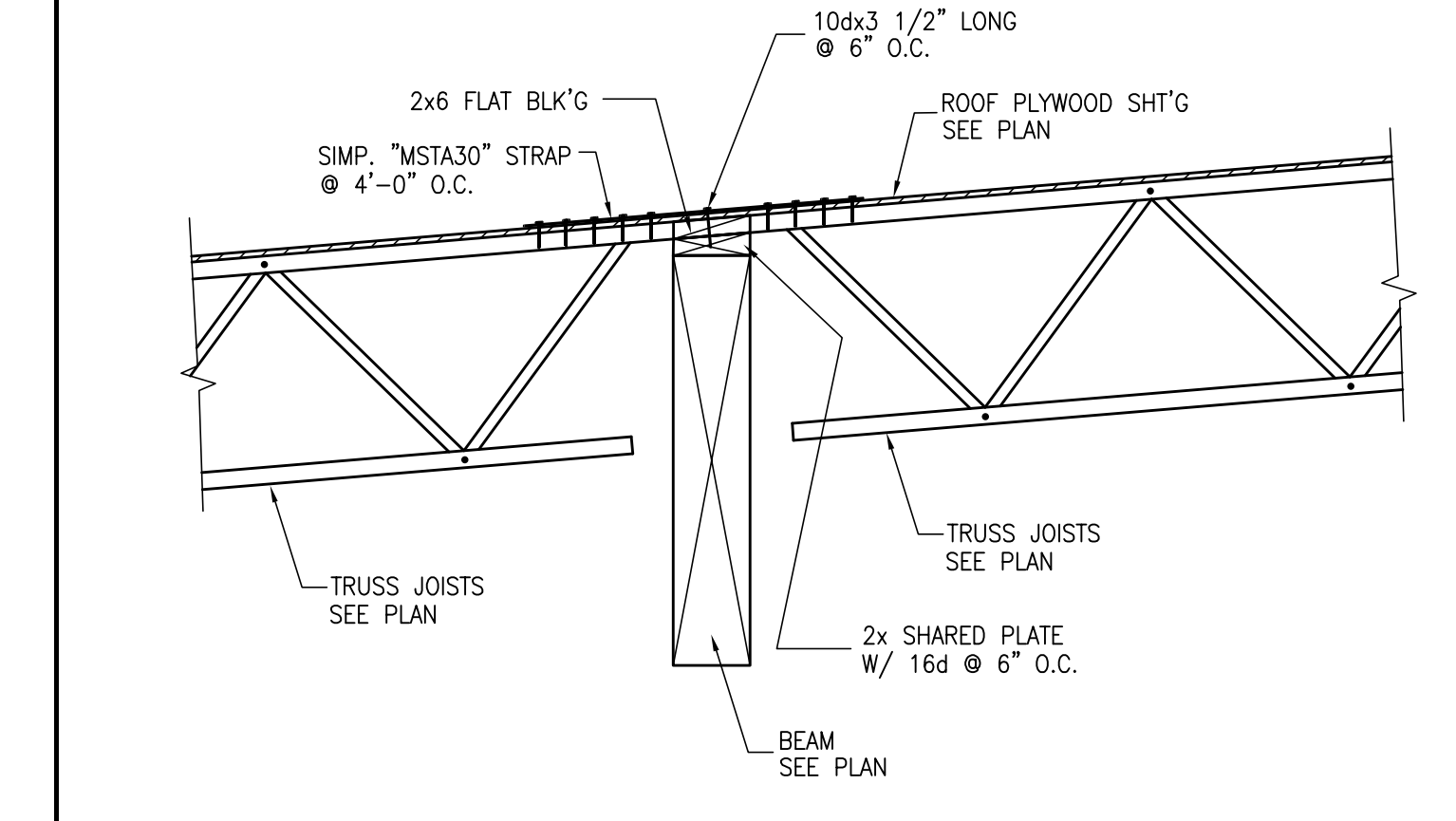
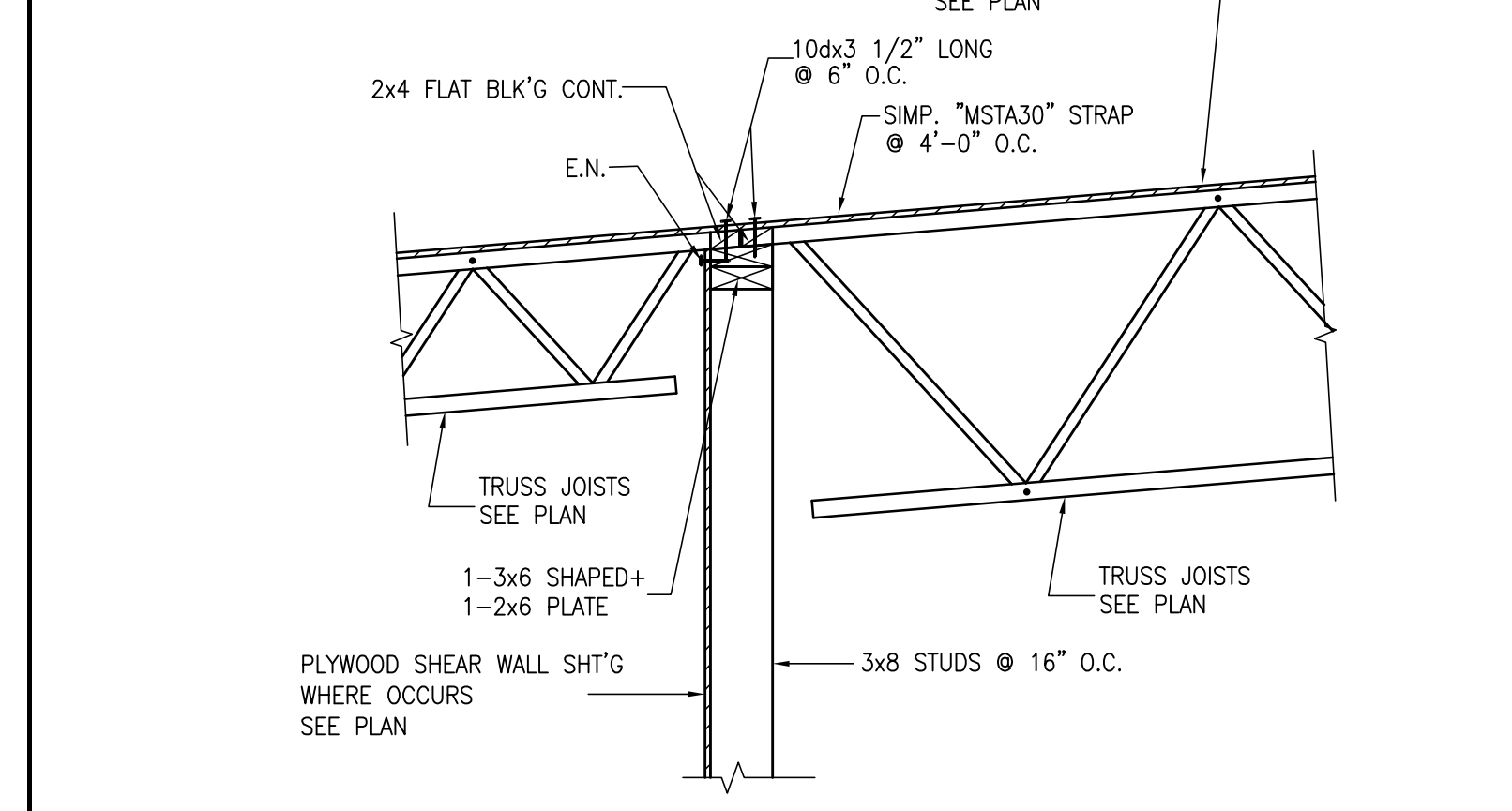
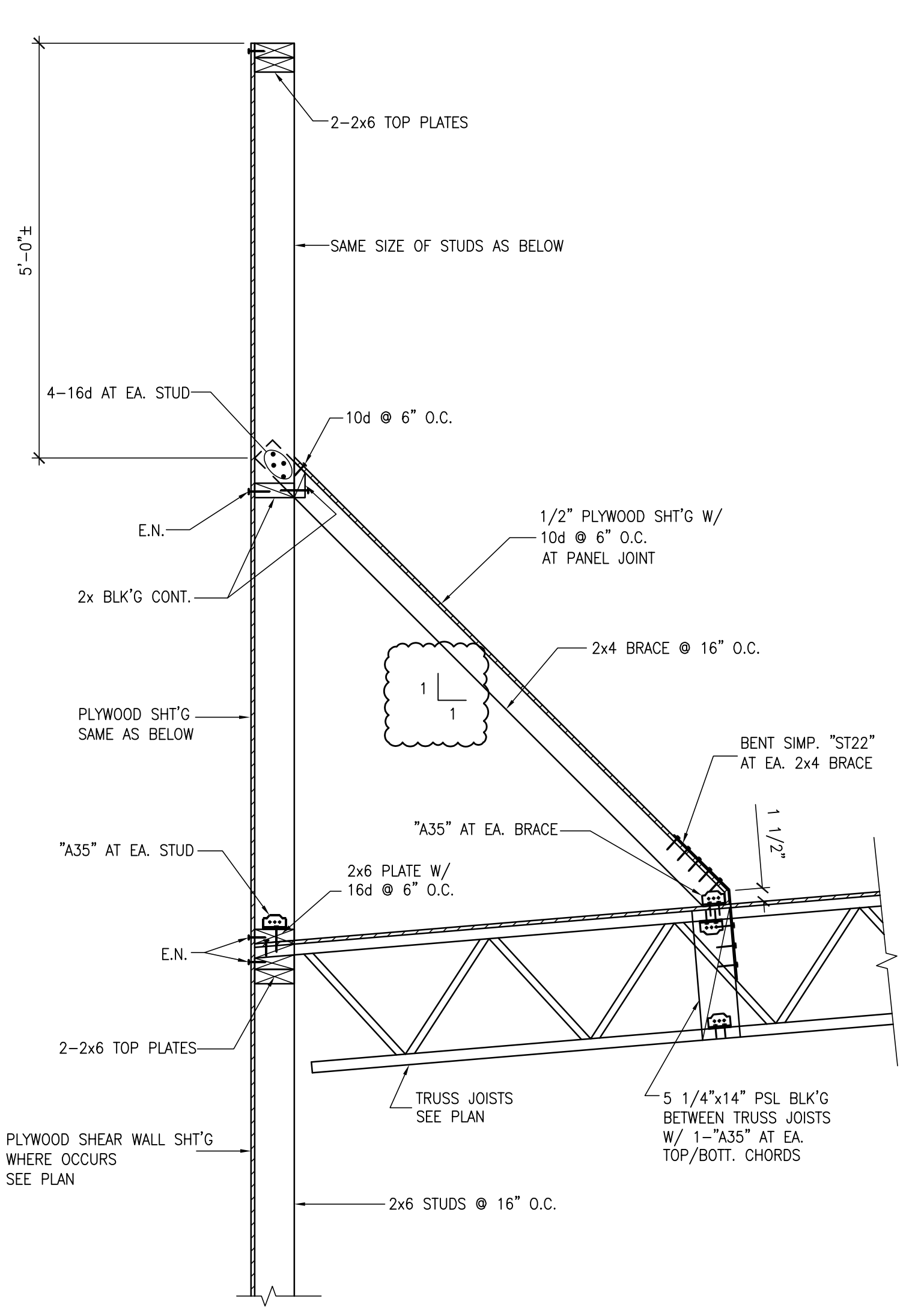
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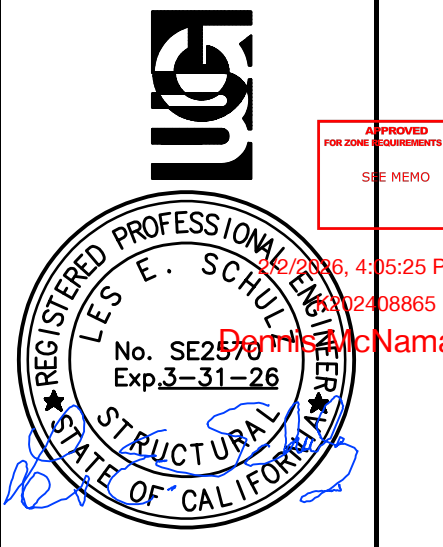
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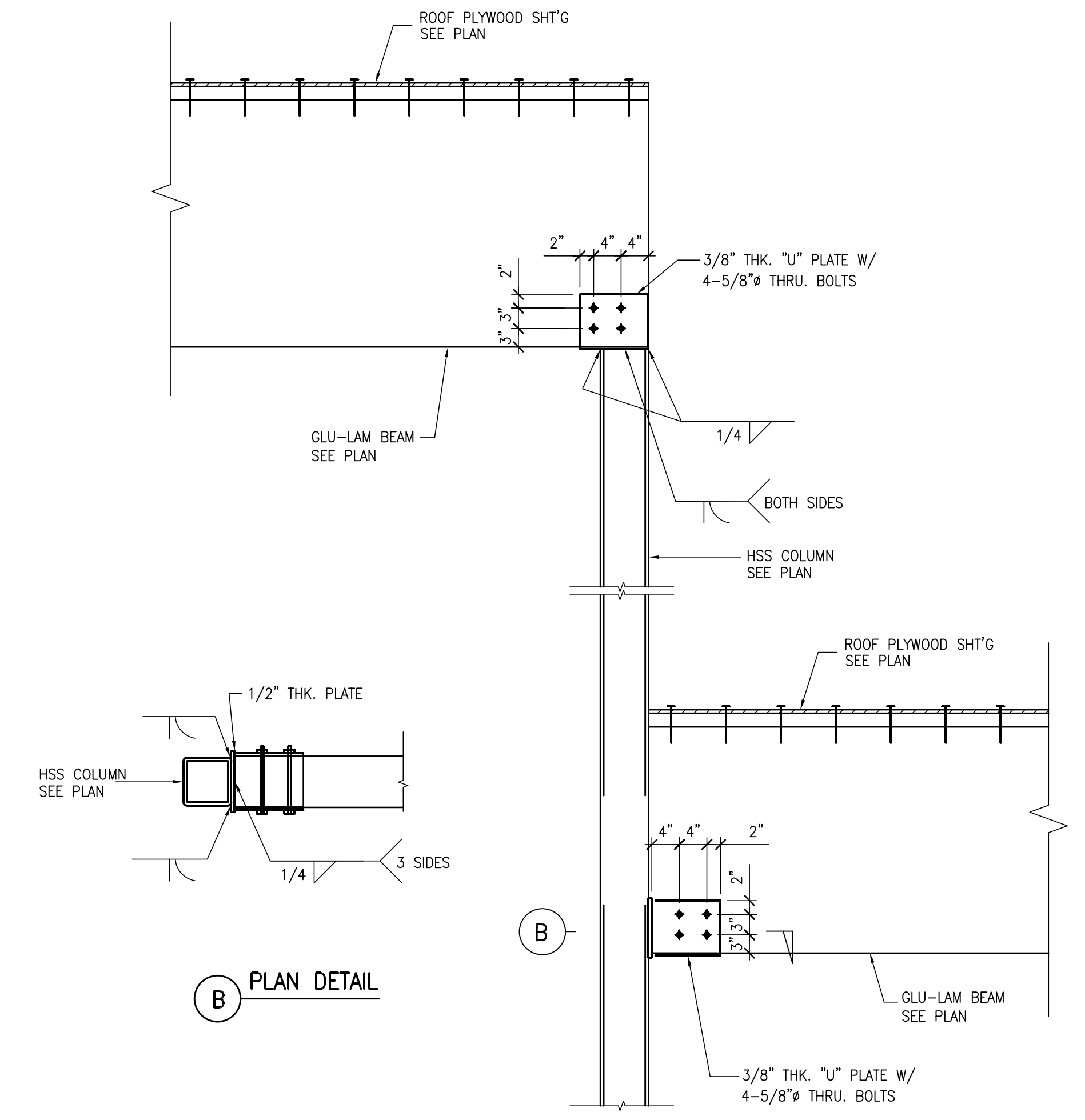
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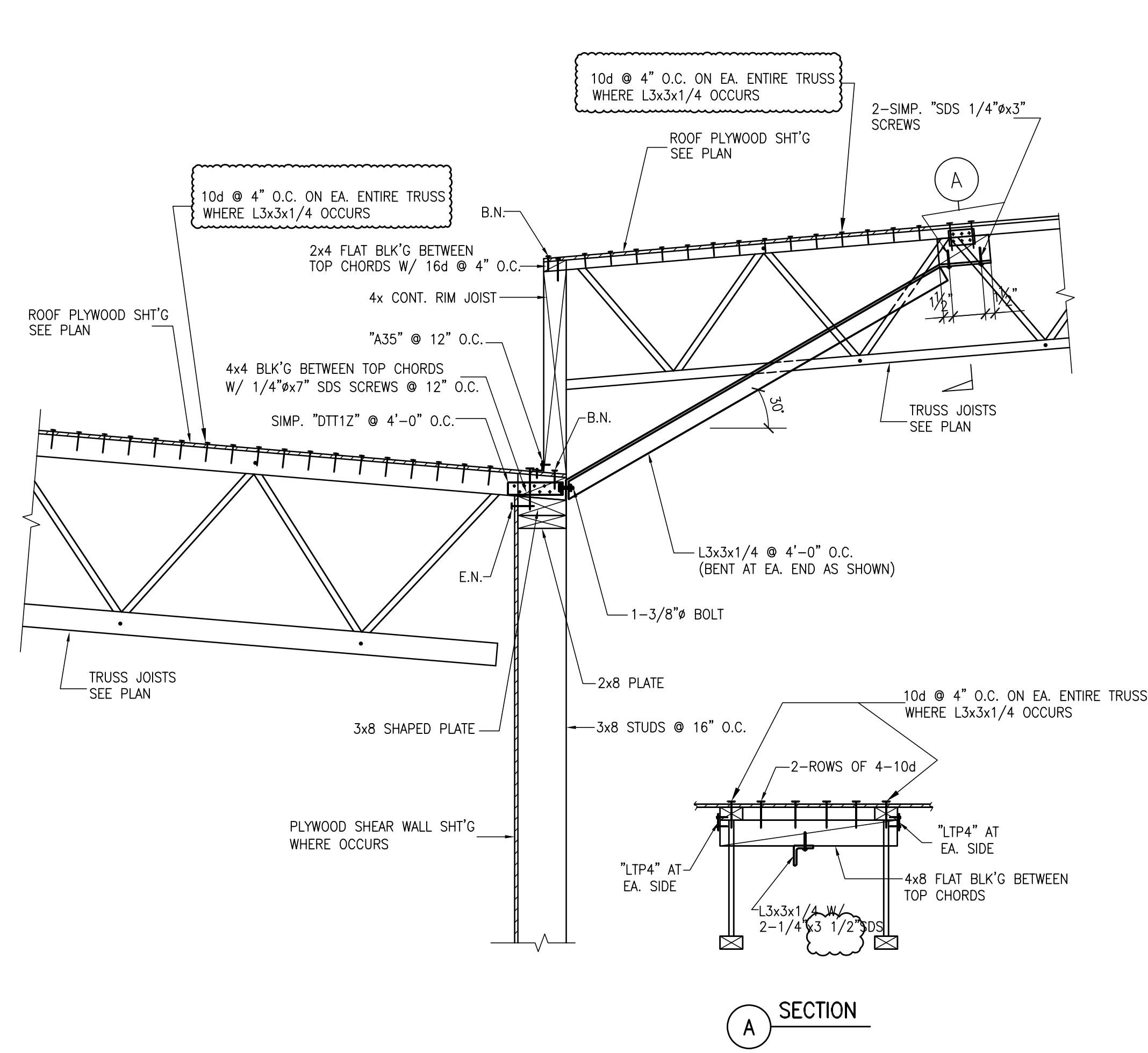
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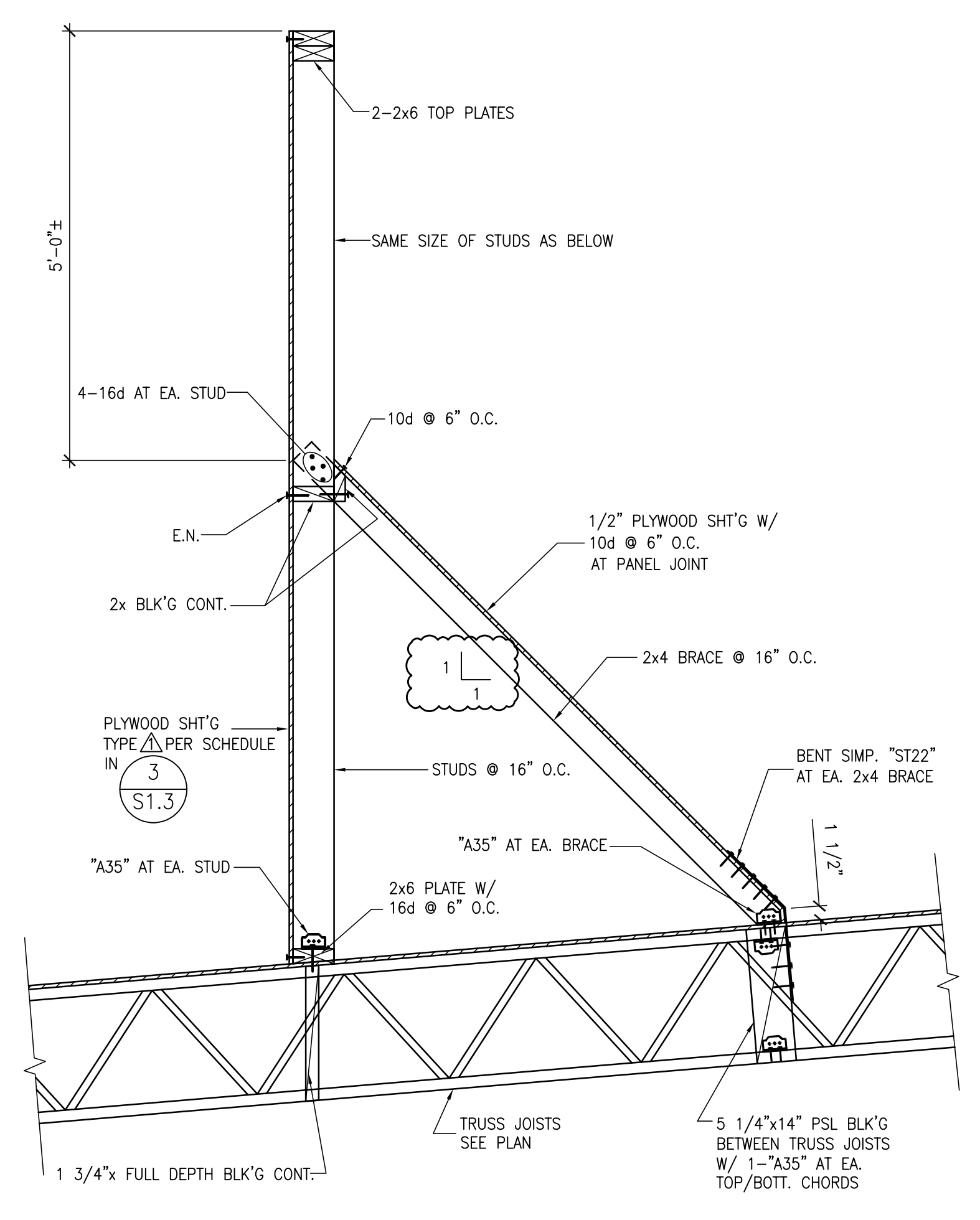
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PLAN DETAIL



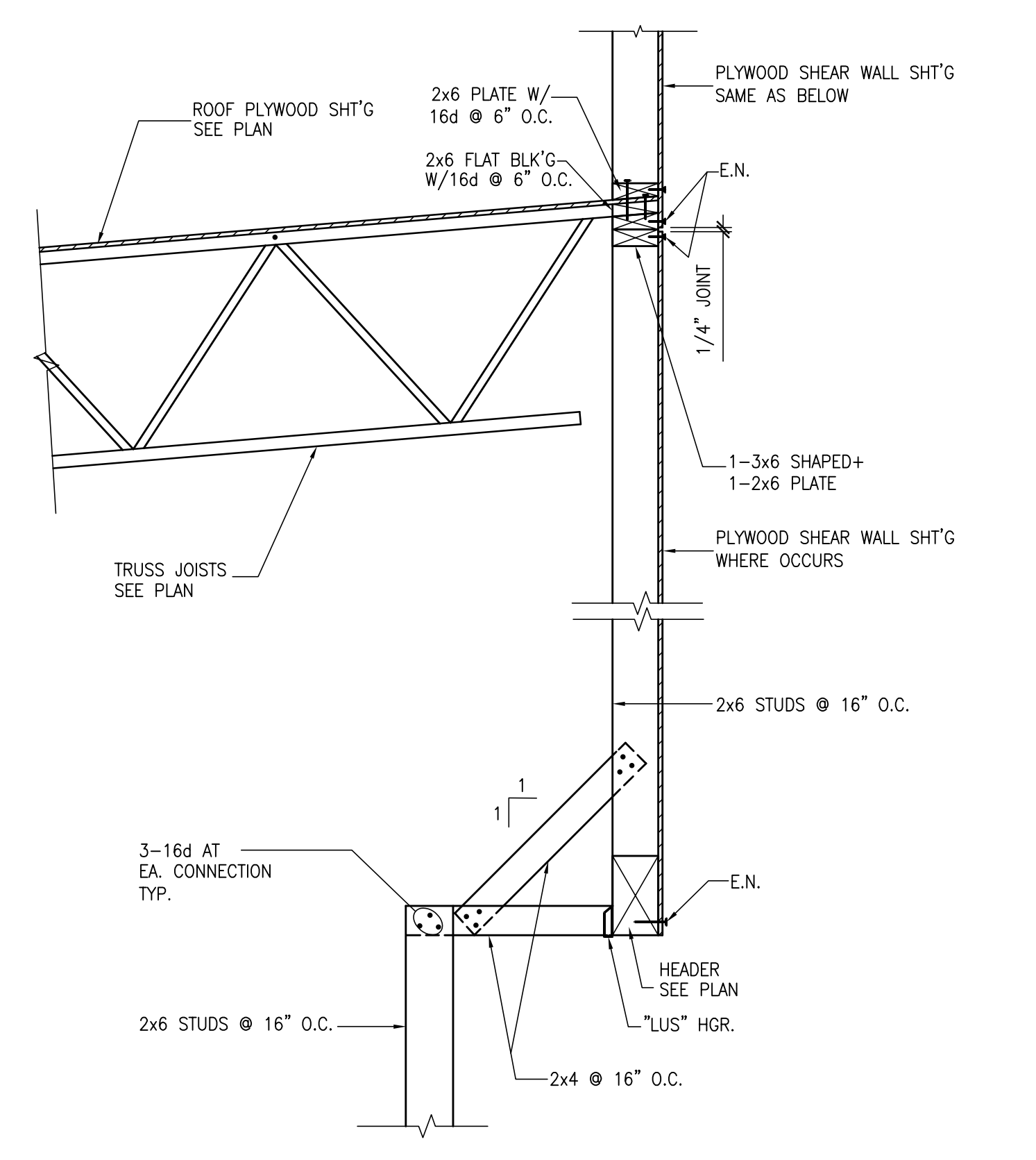
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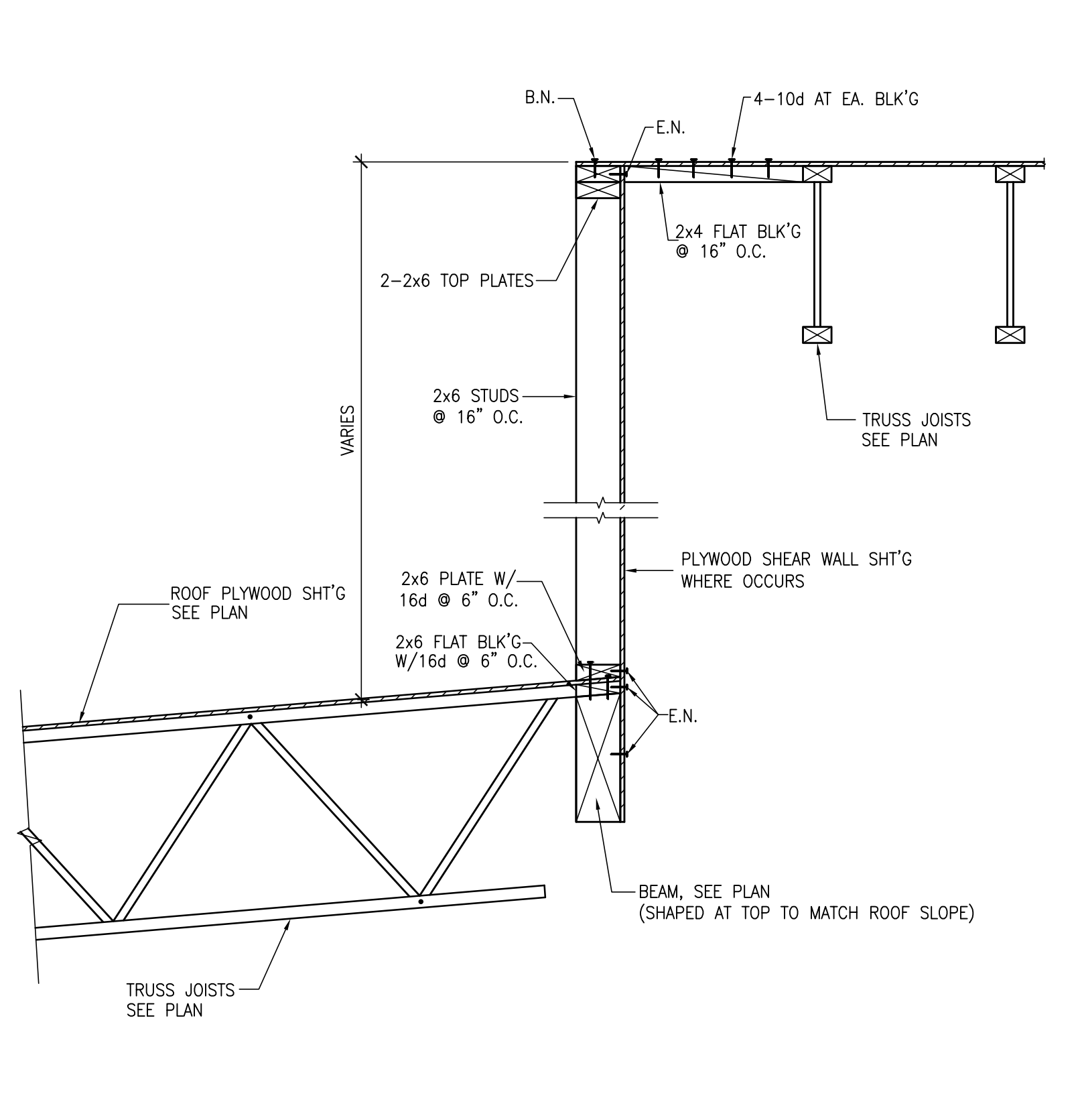
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DETAIL

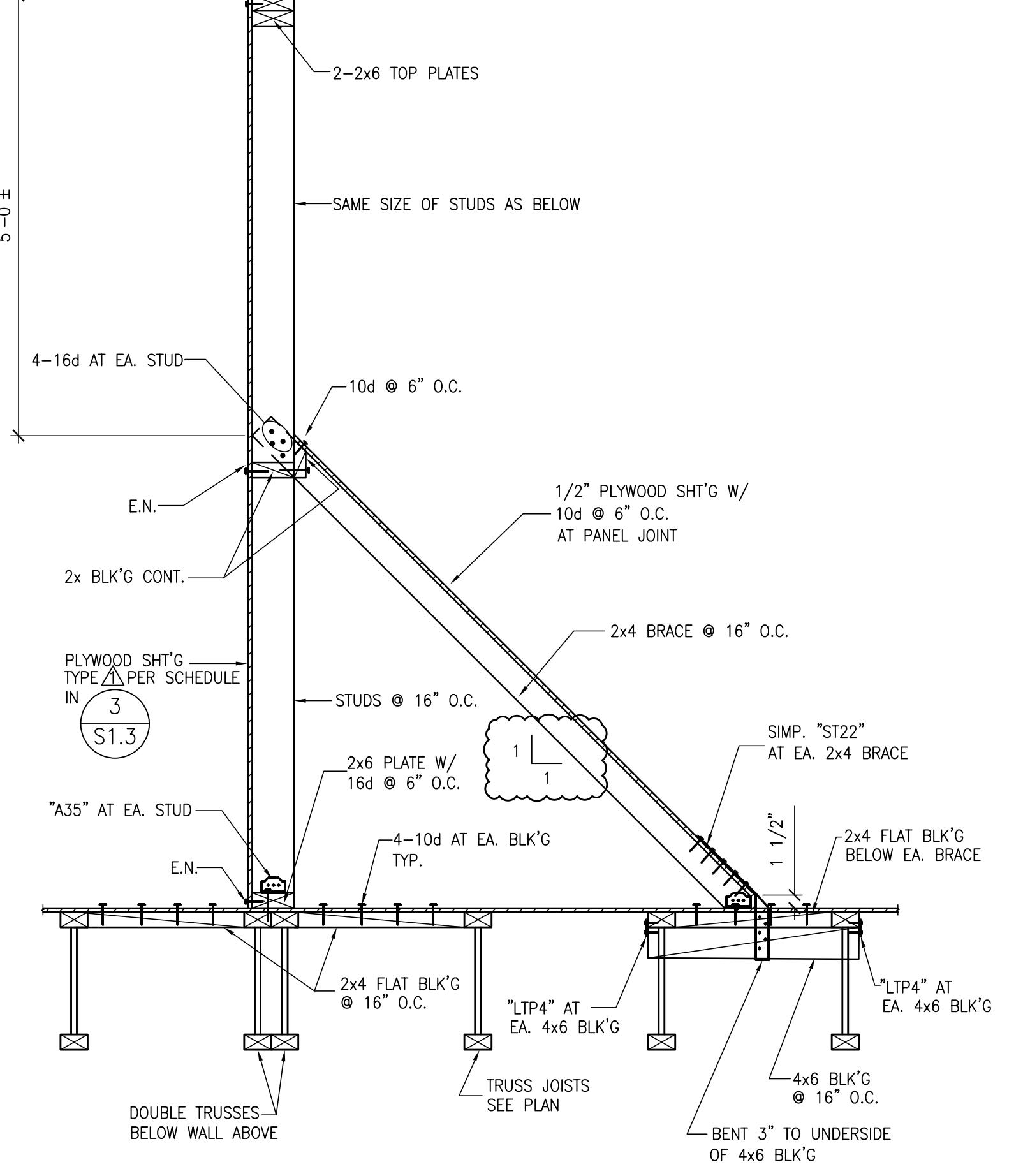
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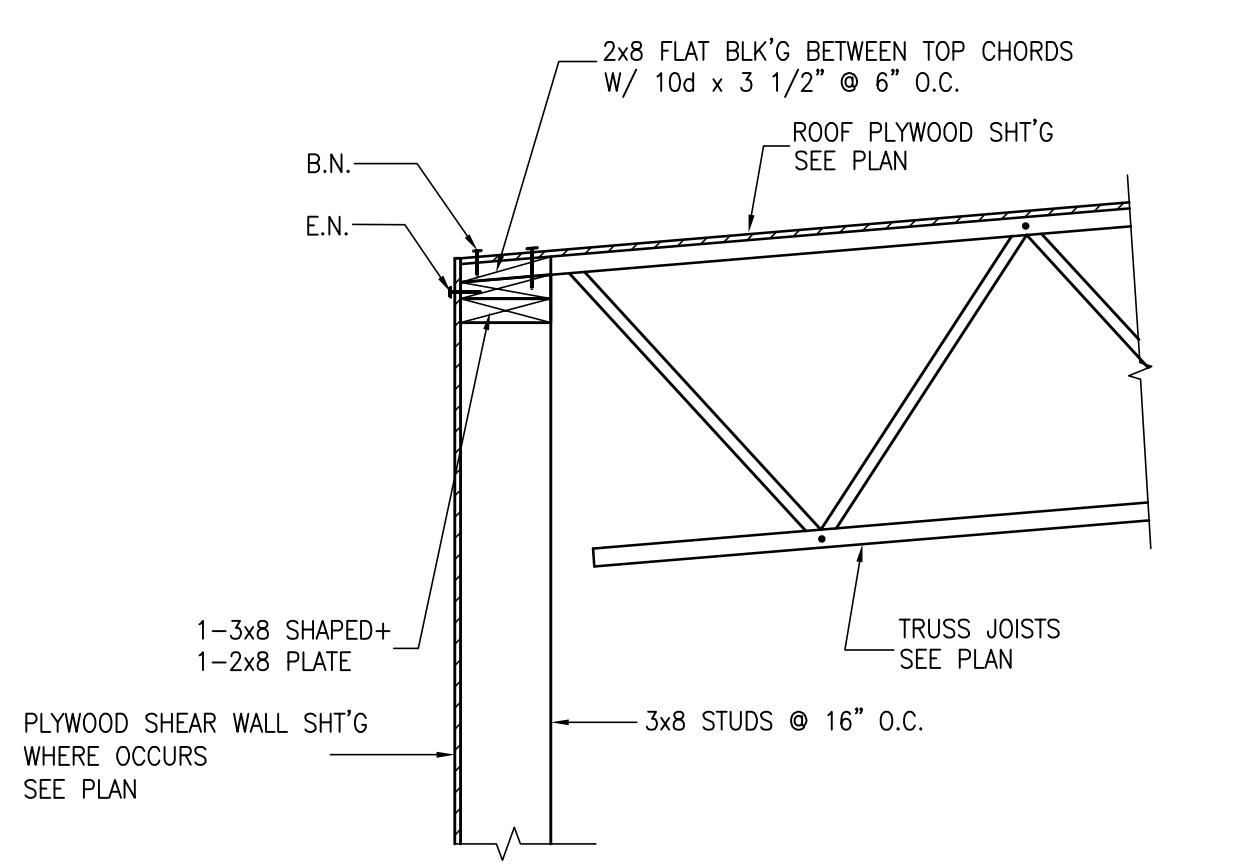
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DETAIL



DETAIL



DETAIL

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 Madeline Flowers

WHEELER & GRAY
 REGISTERED PROFESSIONAL ENGINEERS
 1333 S. MAYFLOWER AVE., SUITE 320
 MONROVIA, CALIFORNIA 91016
 TEL: (626) 432-3858 FAX: (626) 432-8858



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 No. SE2-31-26
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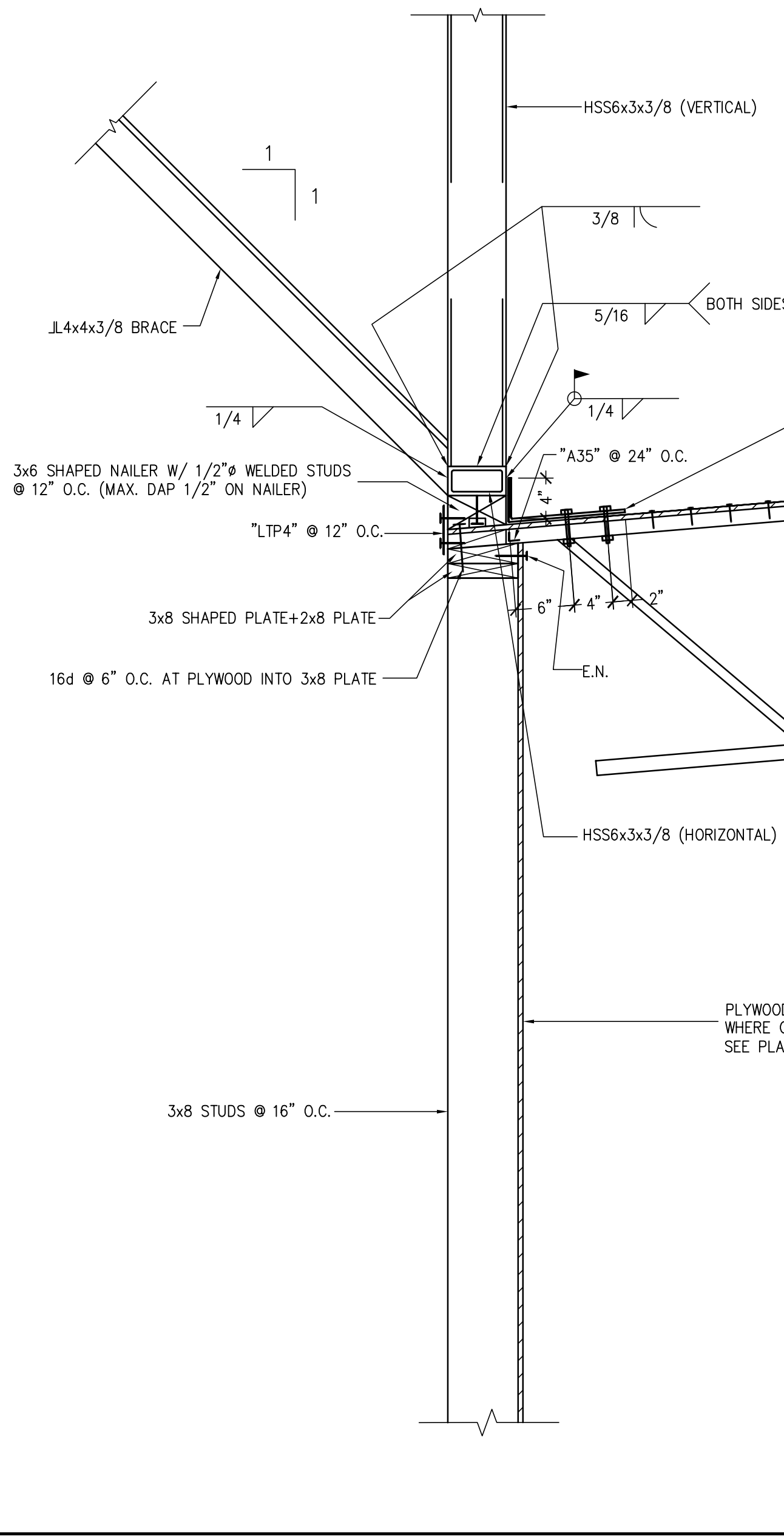
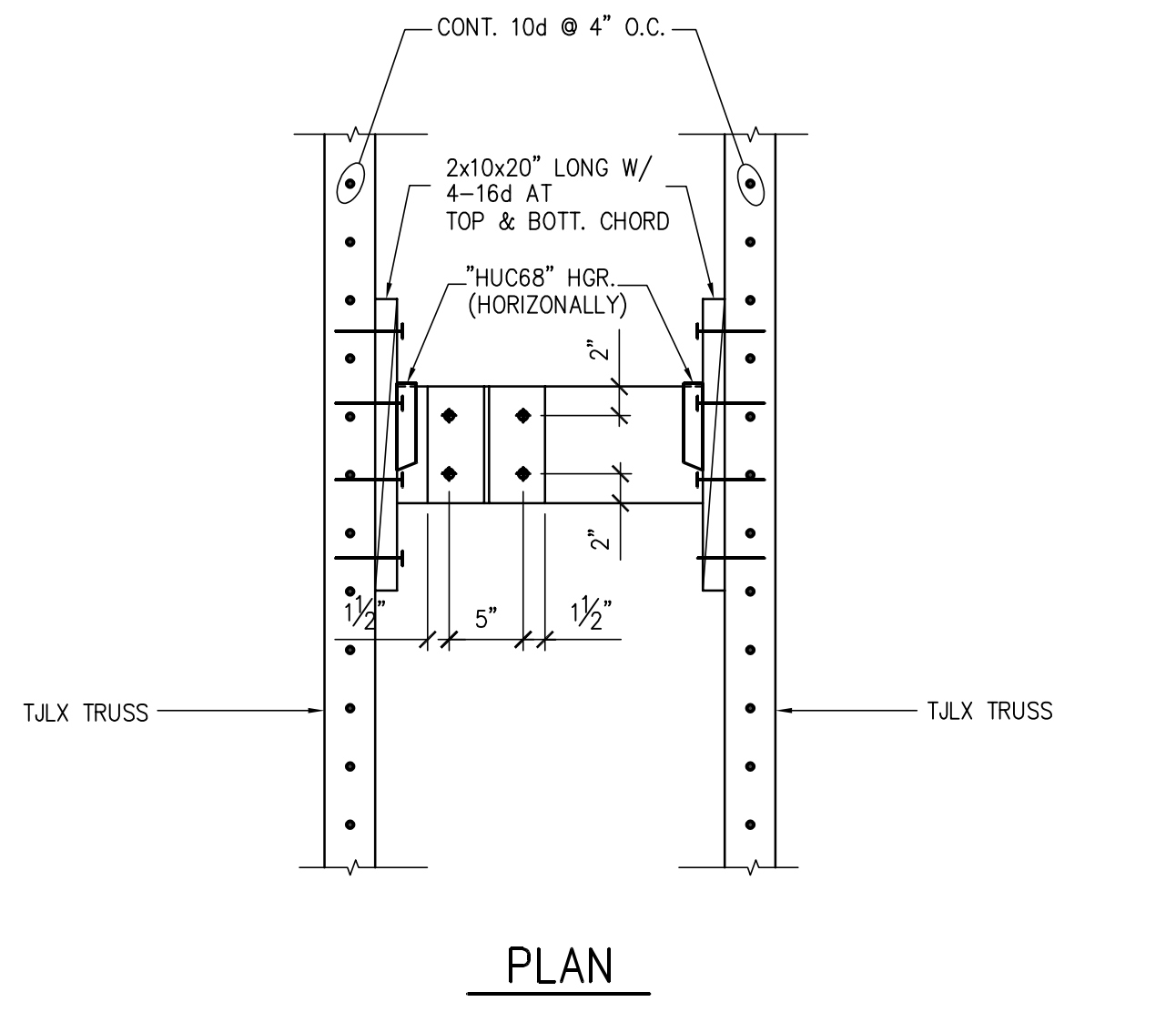
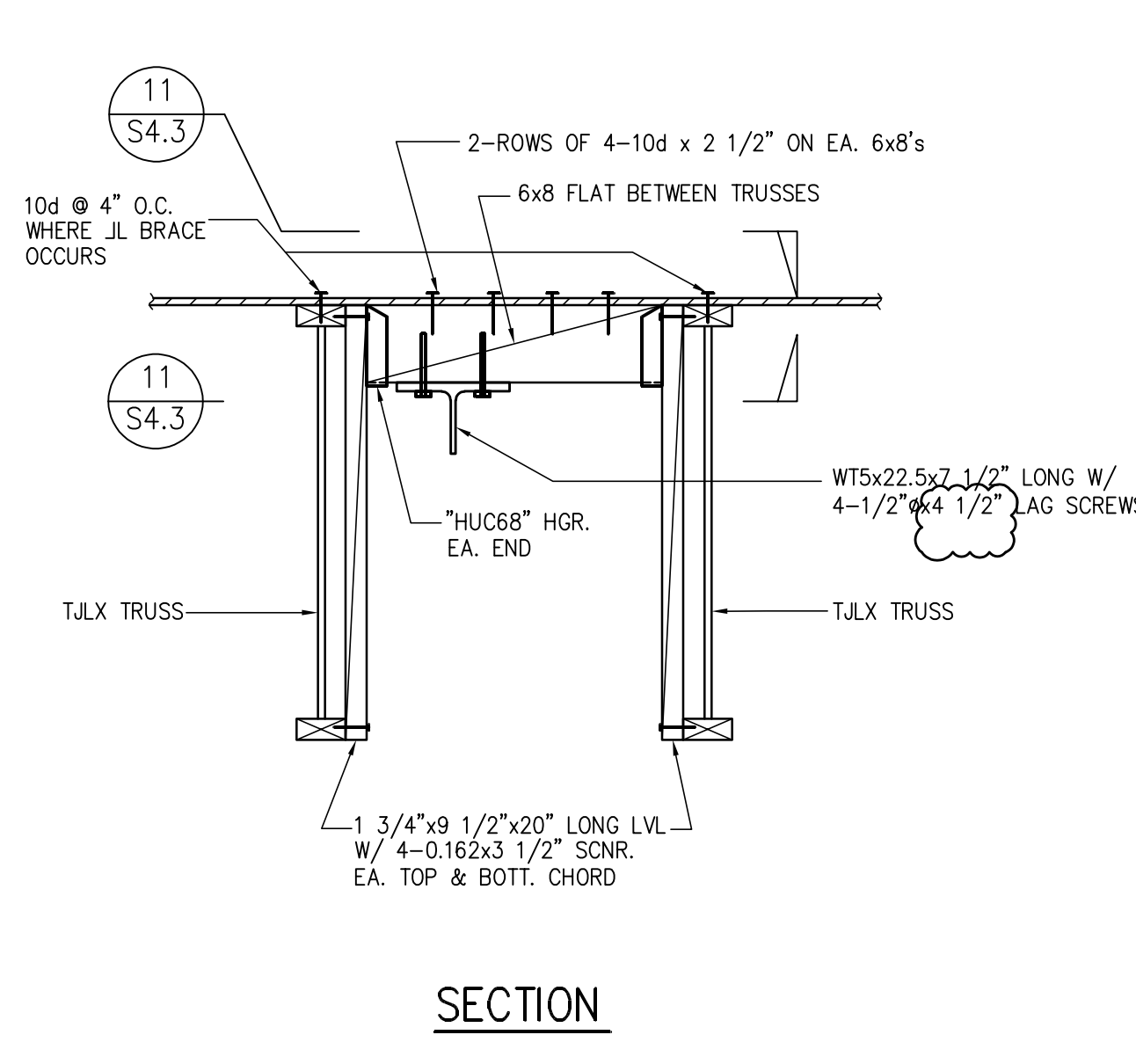
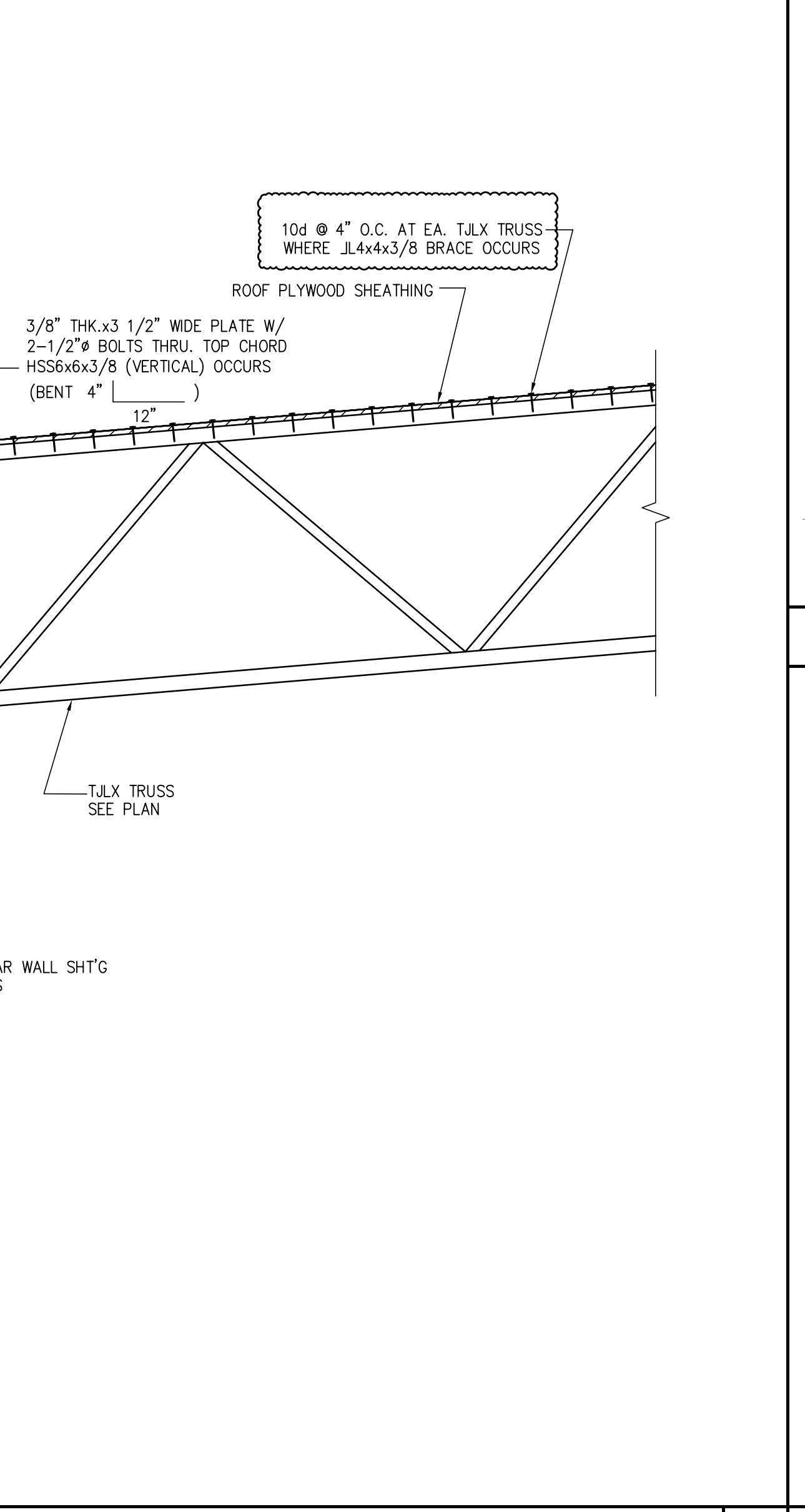
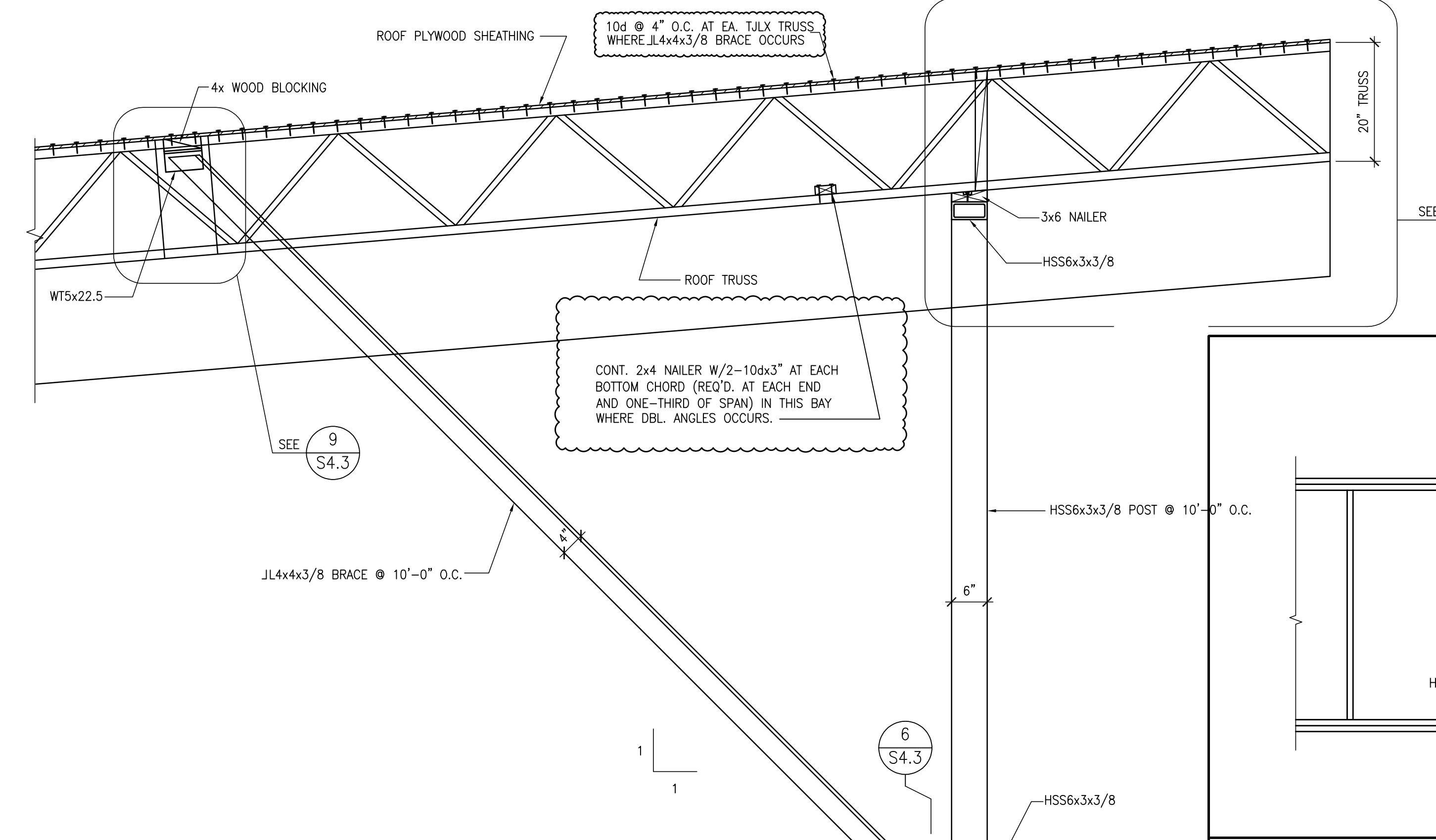
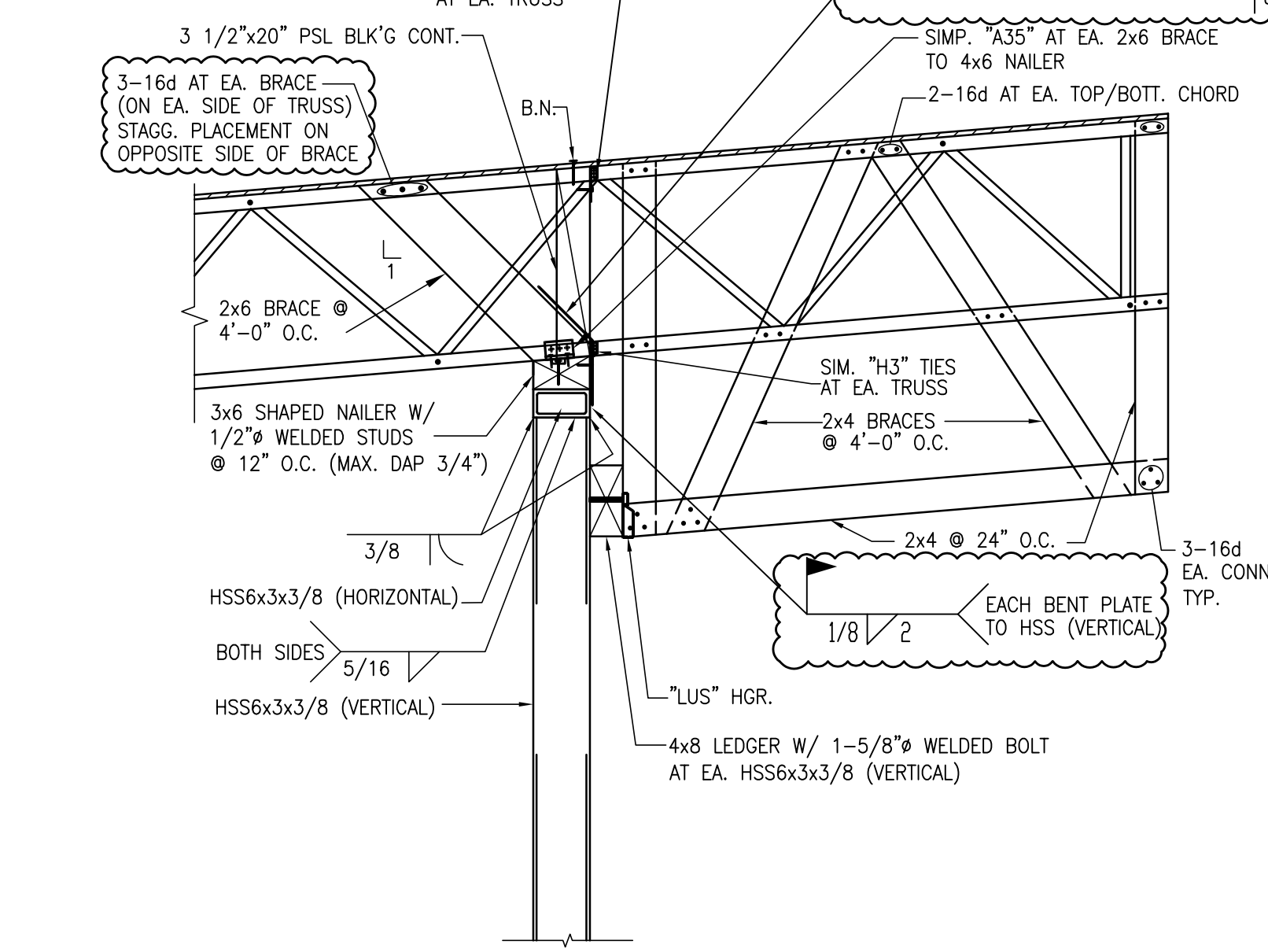
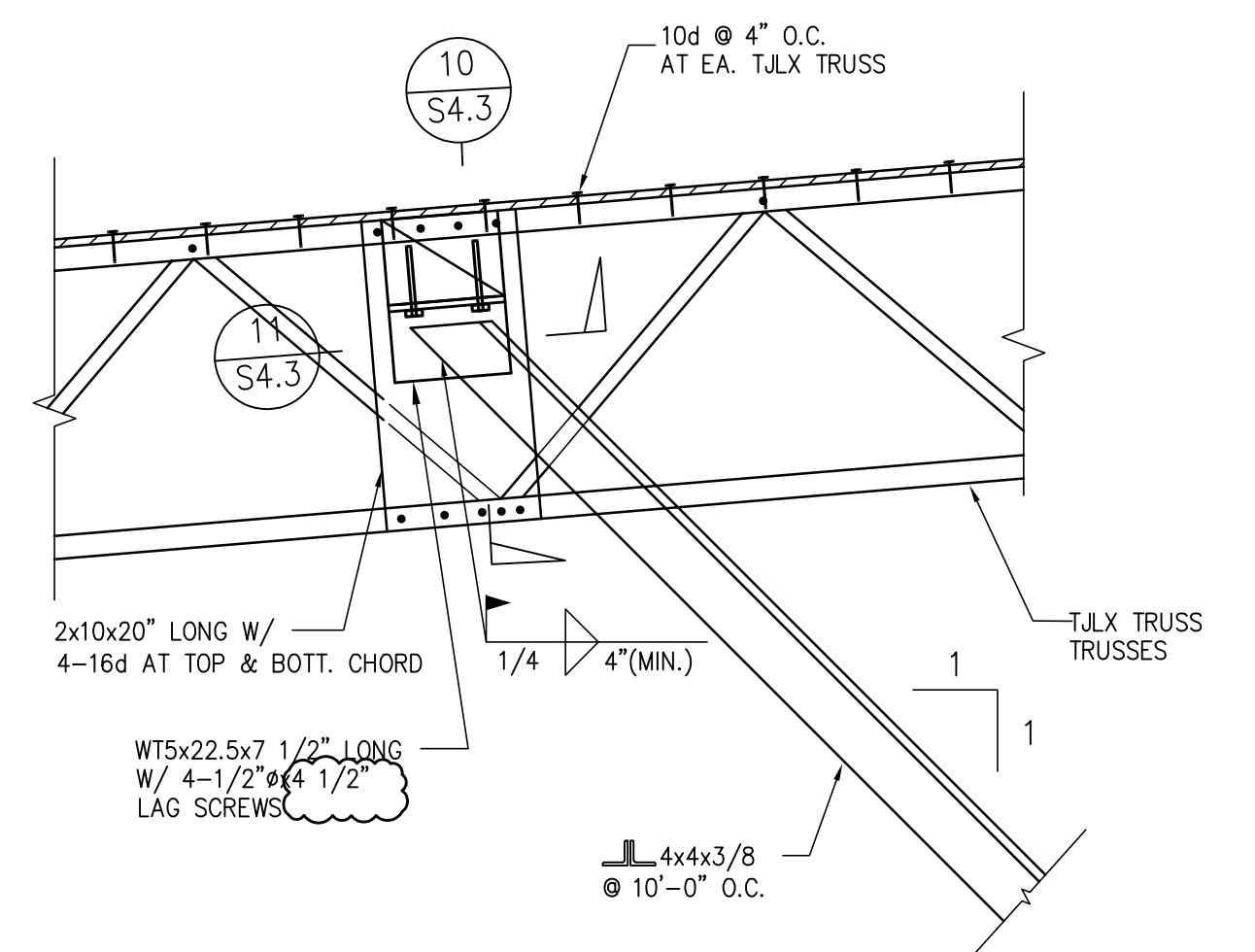
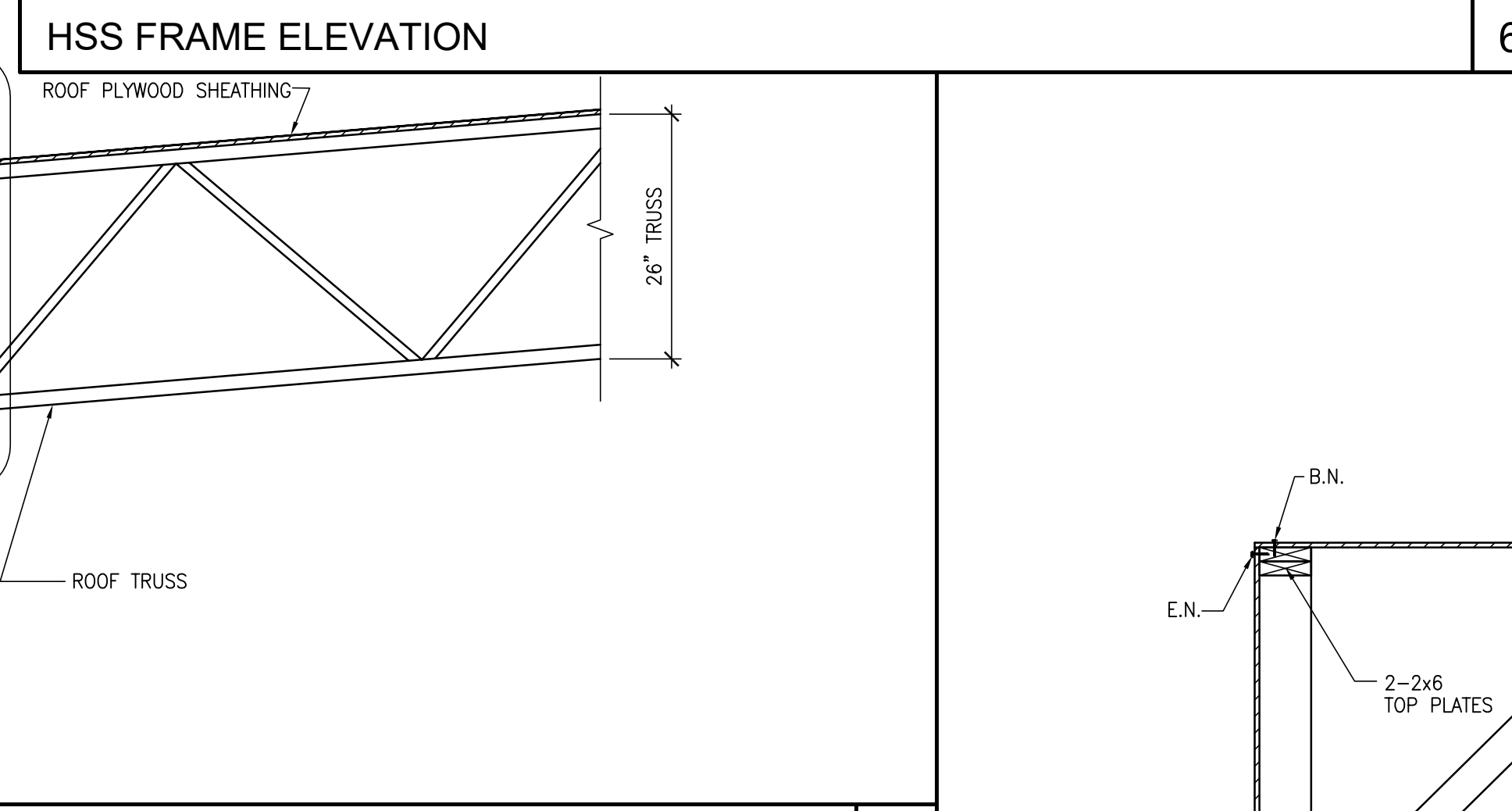
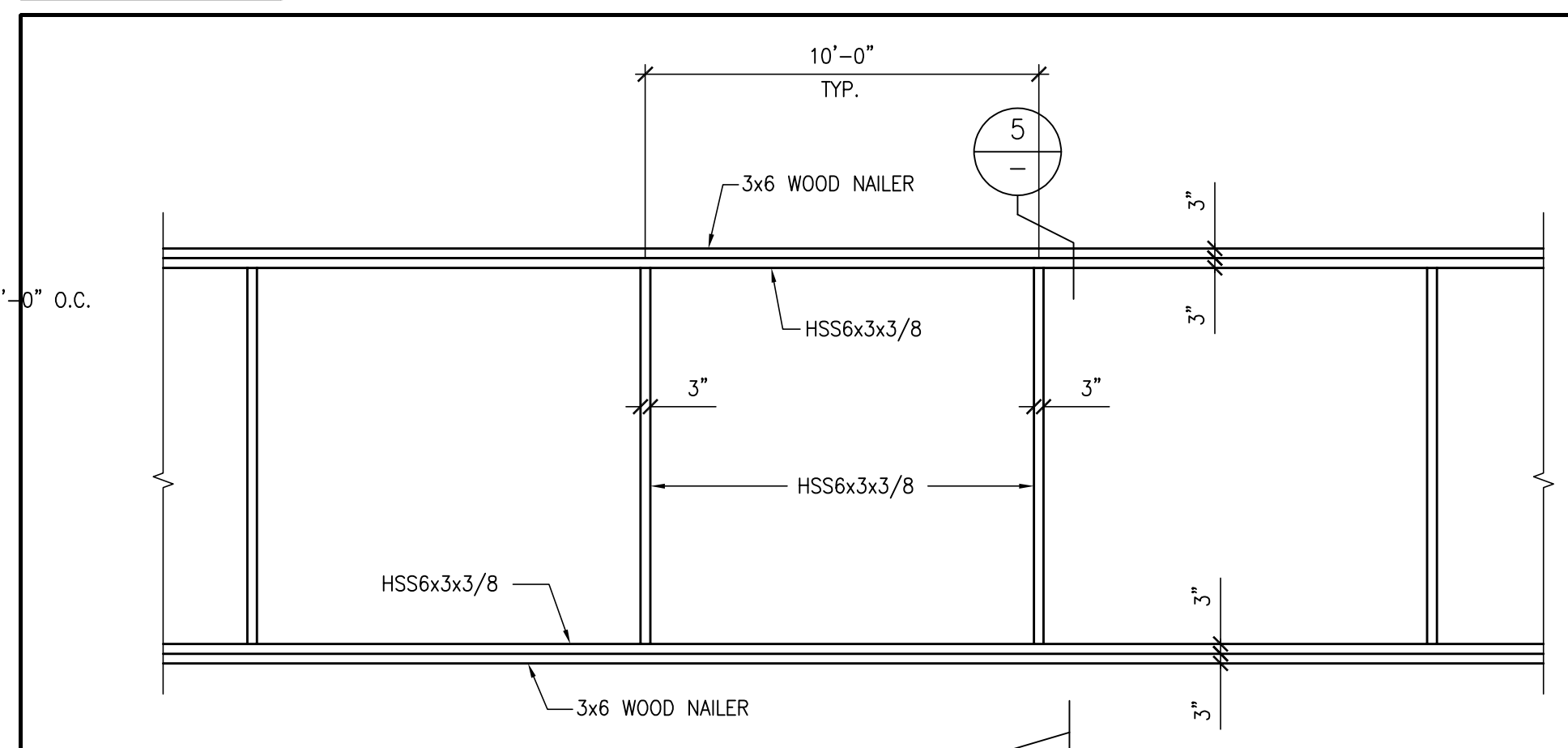
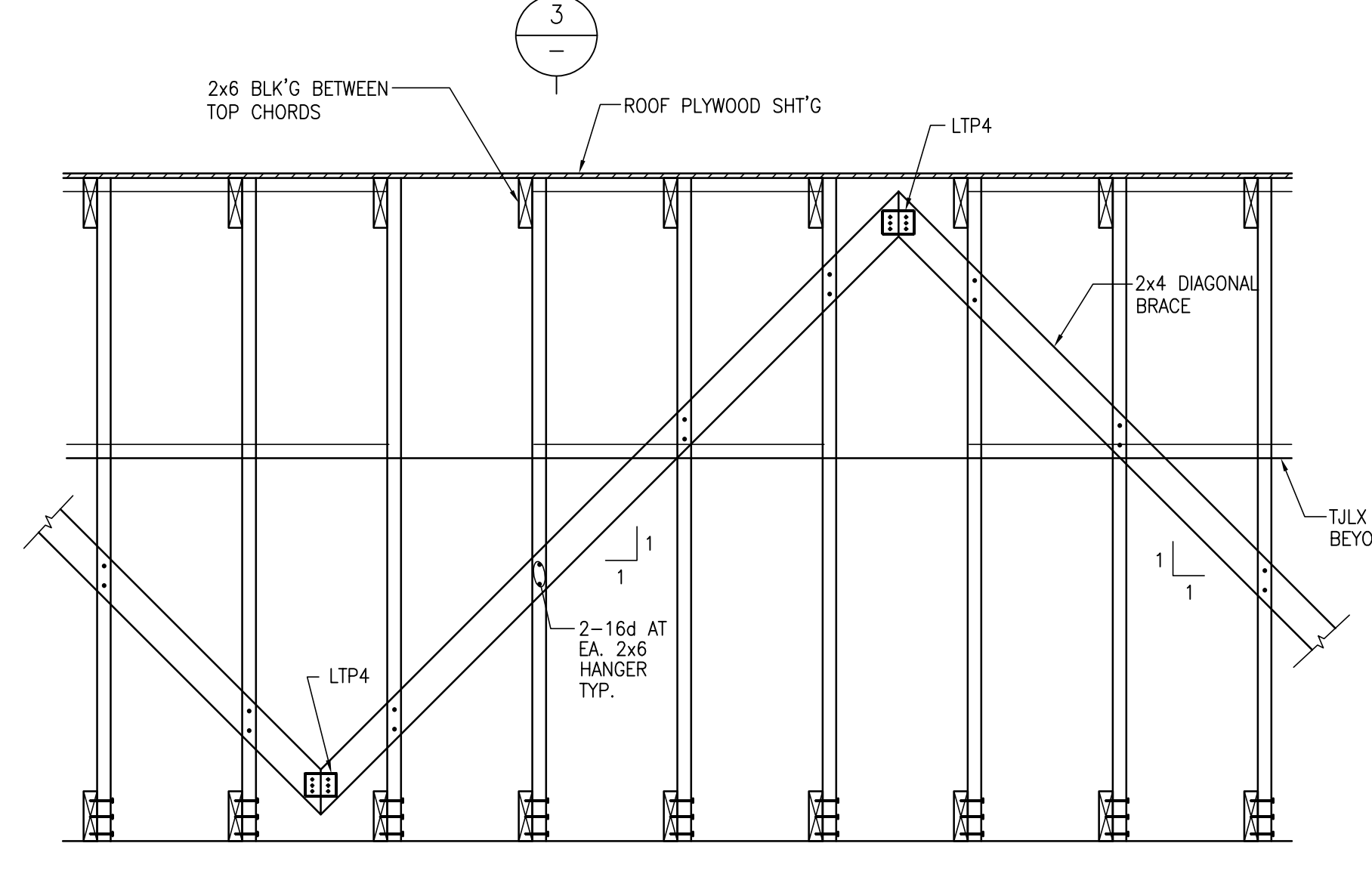
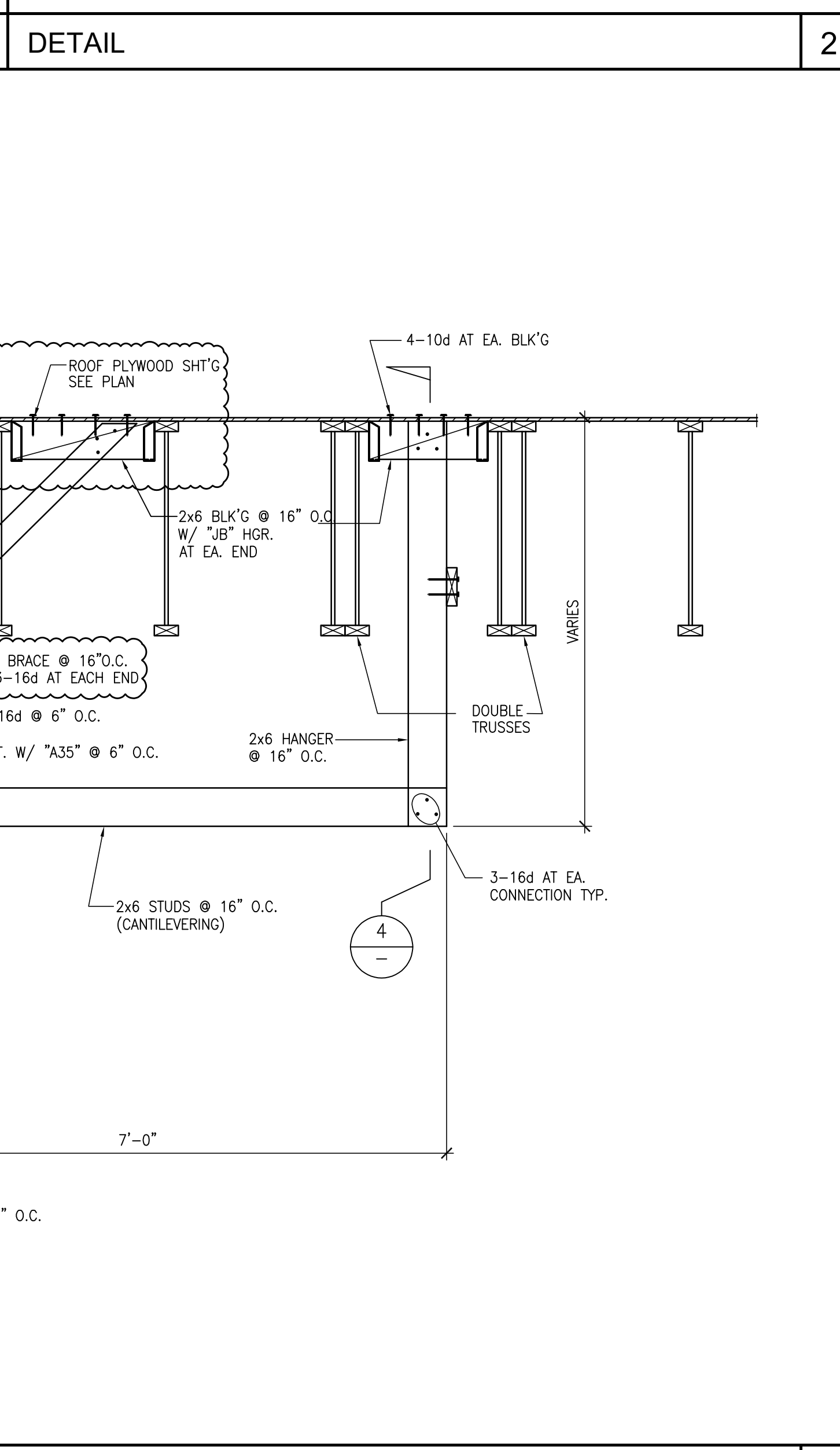
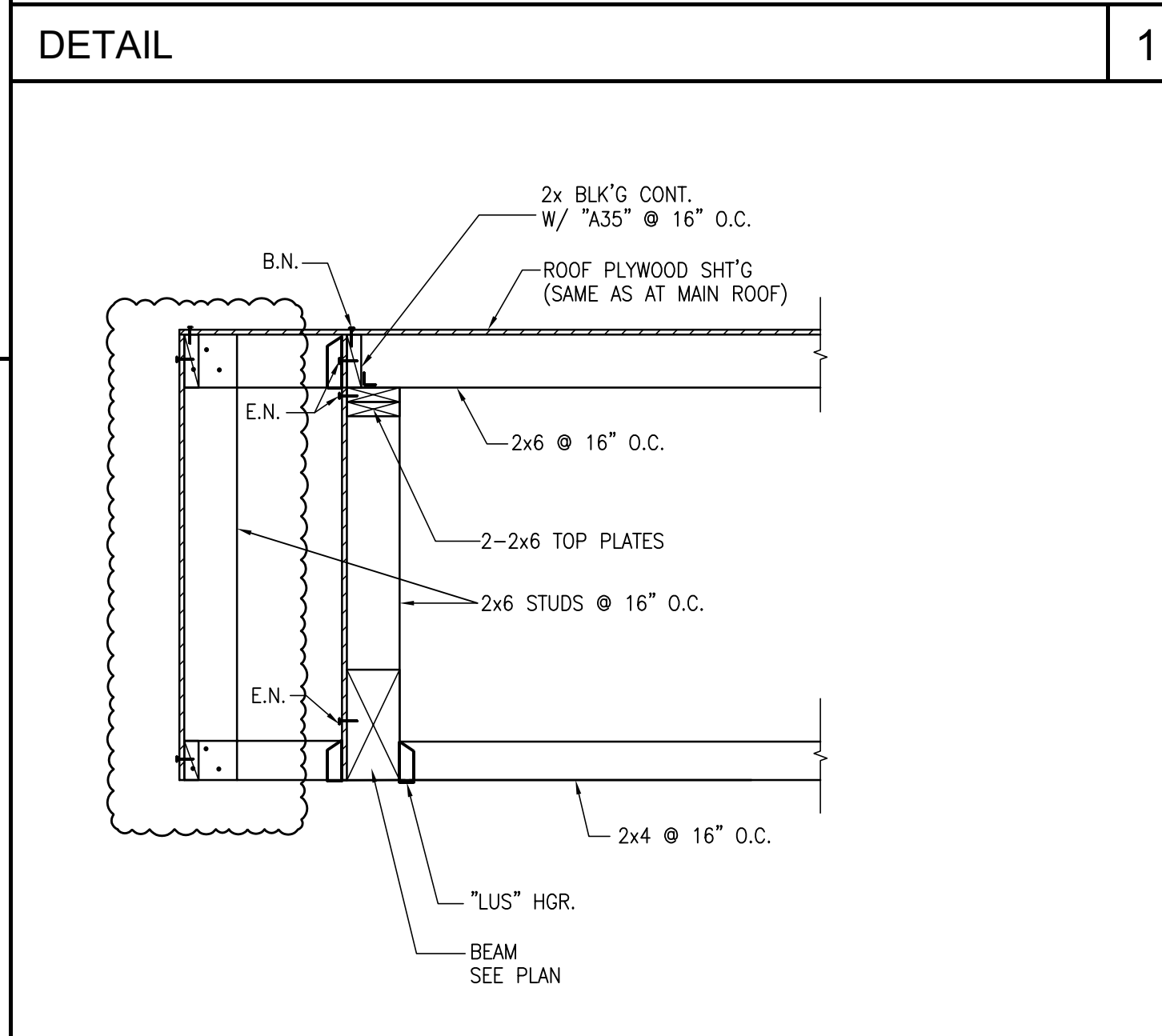
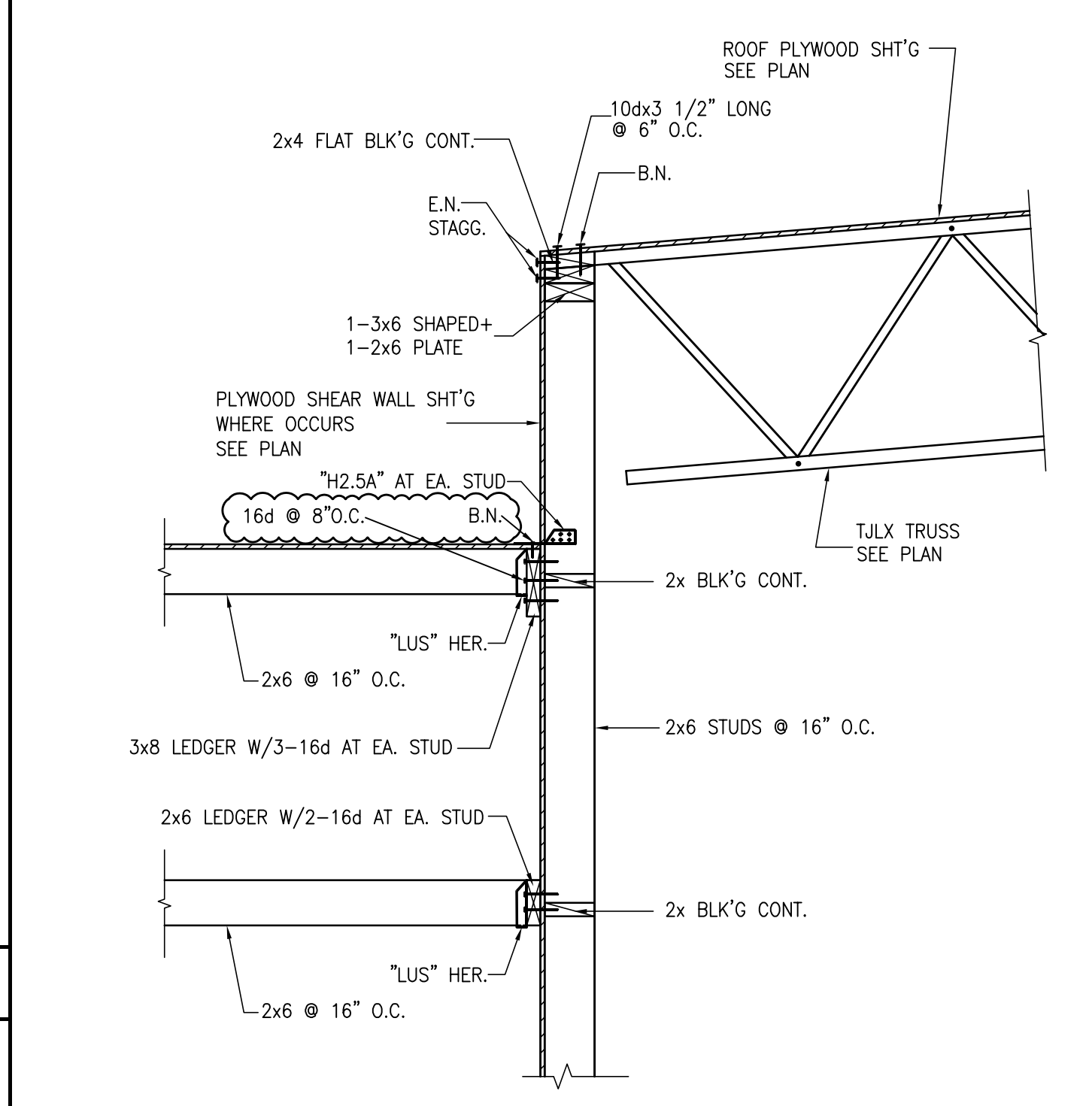
KERN COUNTY
SPECIAL WASTE
FACILITY
 SEC OF DOWNING AVE
 & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR

REVISION	DESCRIPTION

JOB	DP	PM

S4.3



SECTION 10

DETAIL 7

ELEVATION 4

DETAIL 1

PLAN VIEW 11

SECTION @ LINE 2 5

ELEVATION 6

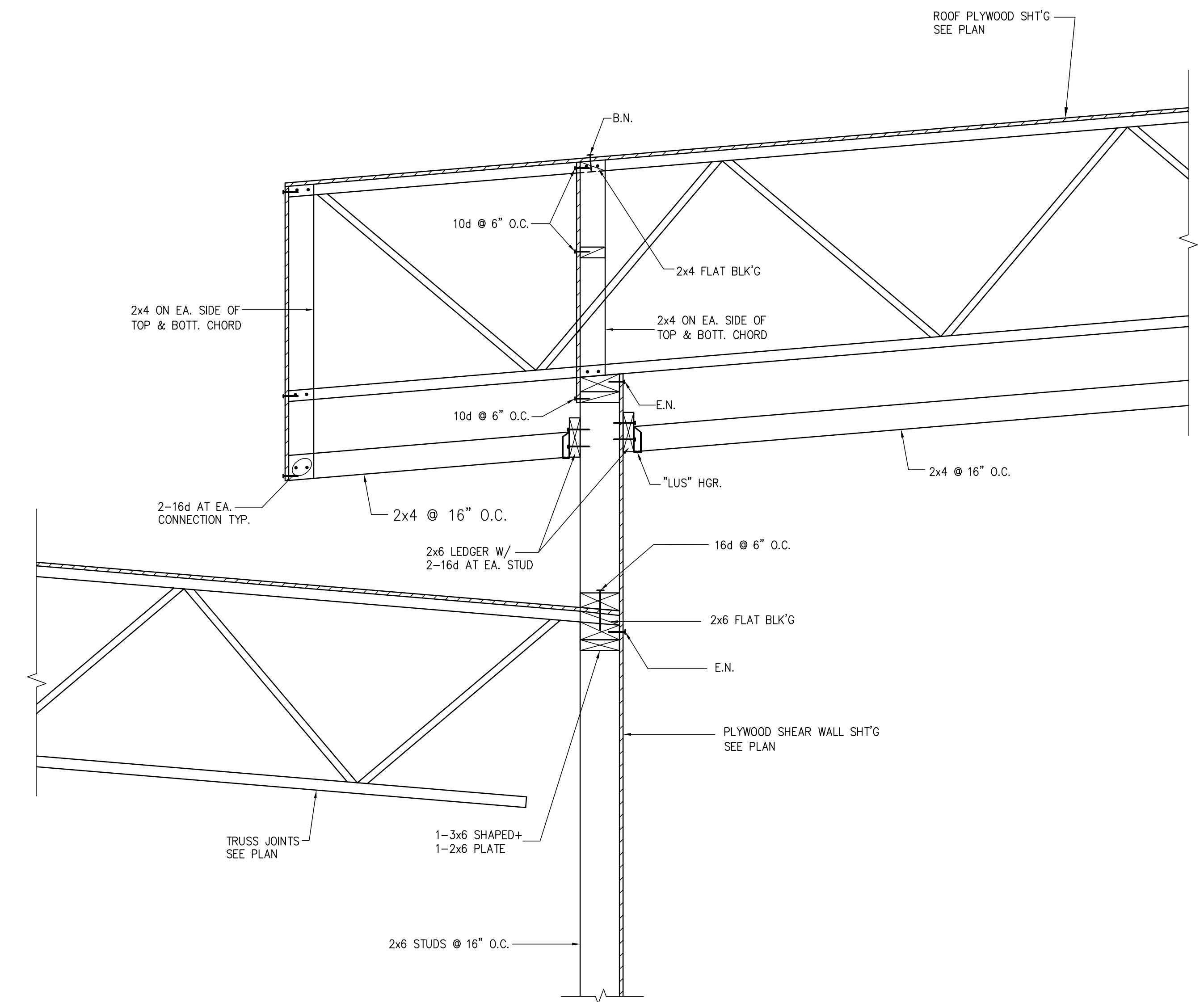
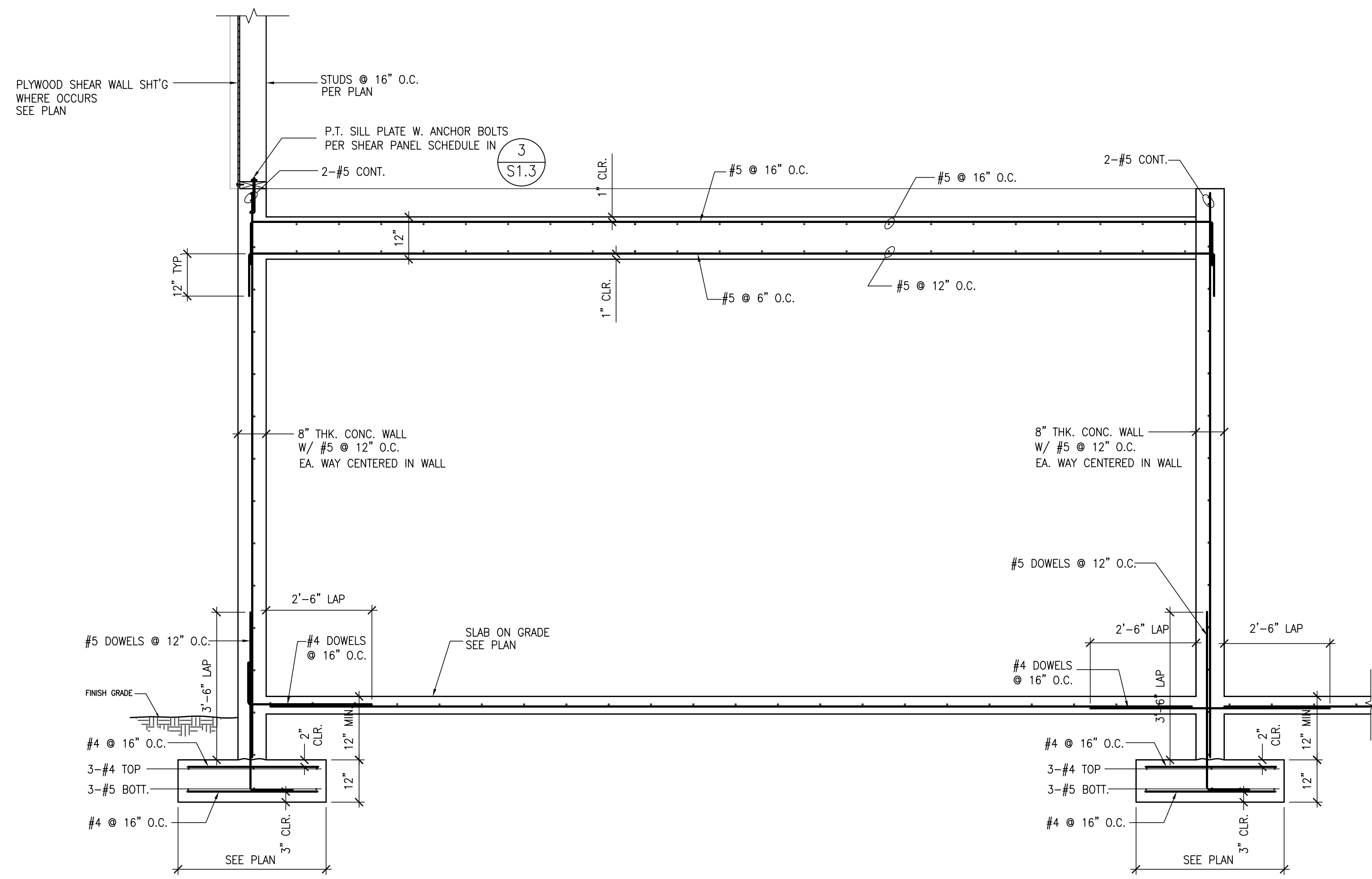
DETAIL 2

DETAIL 8

ELEVATION 8

ELEVATION 9

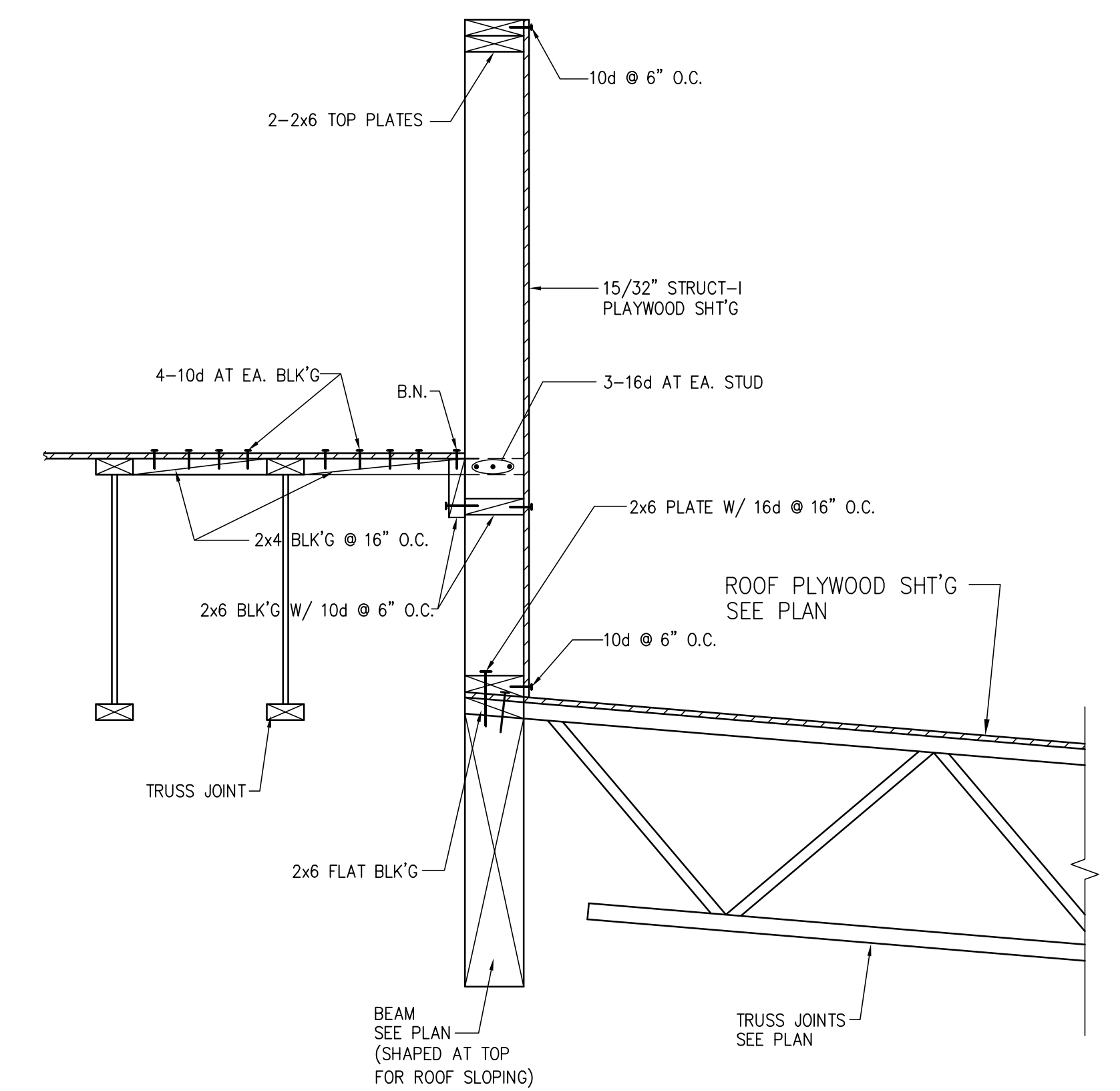
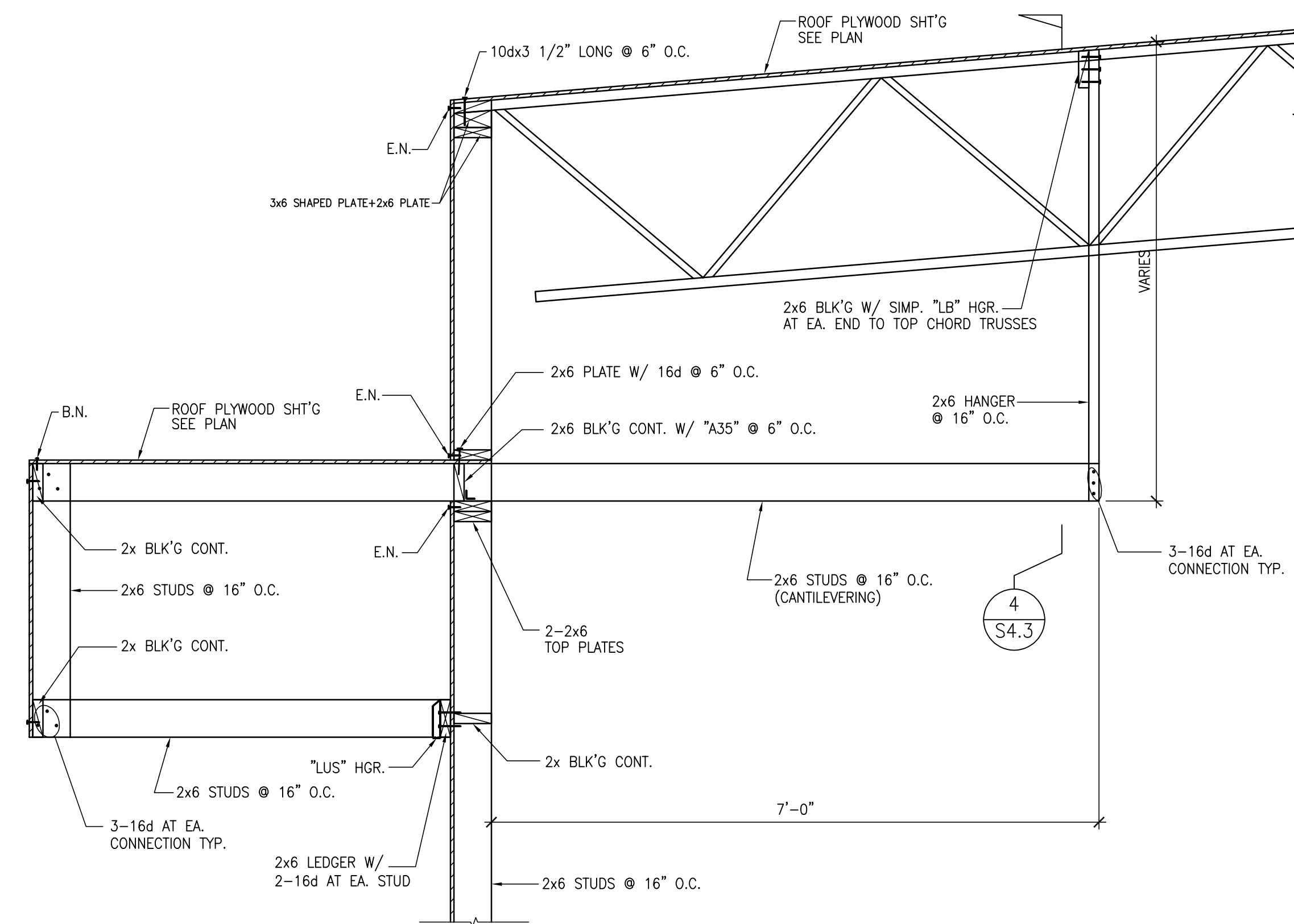
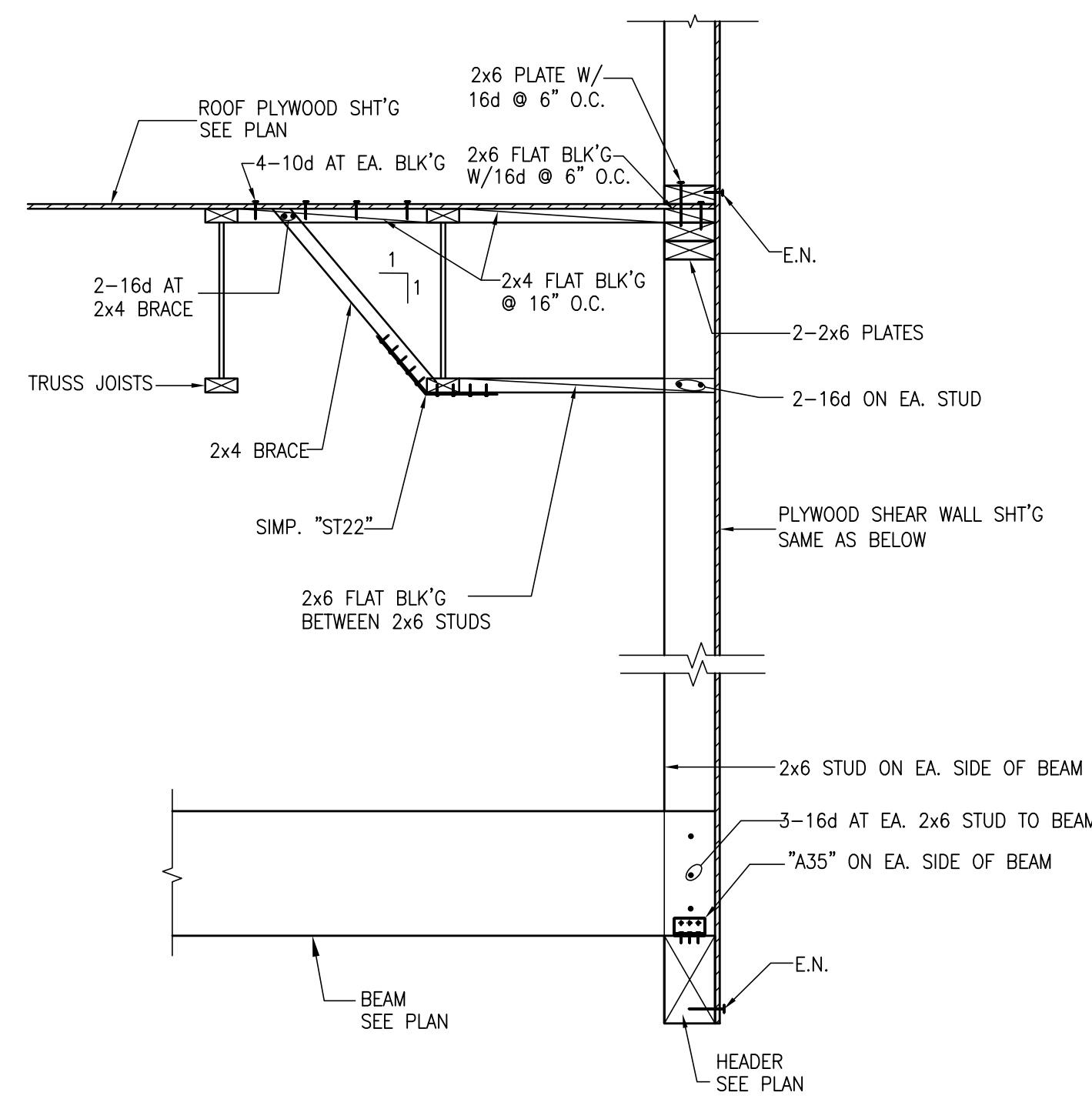
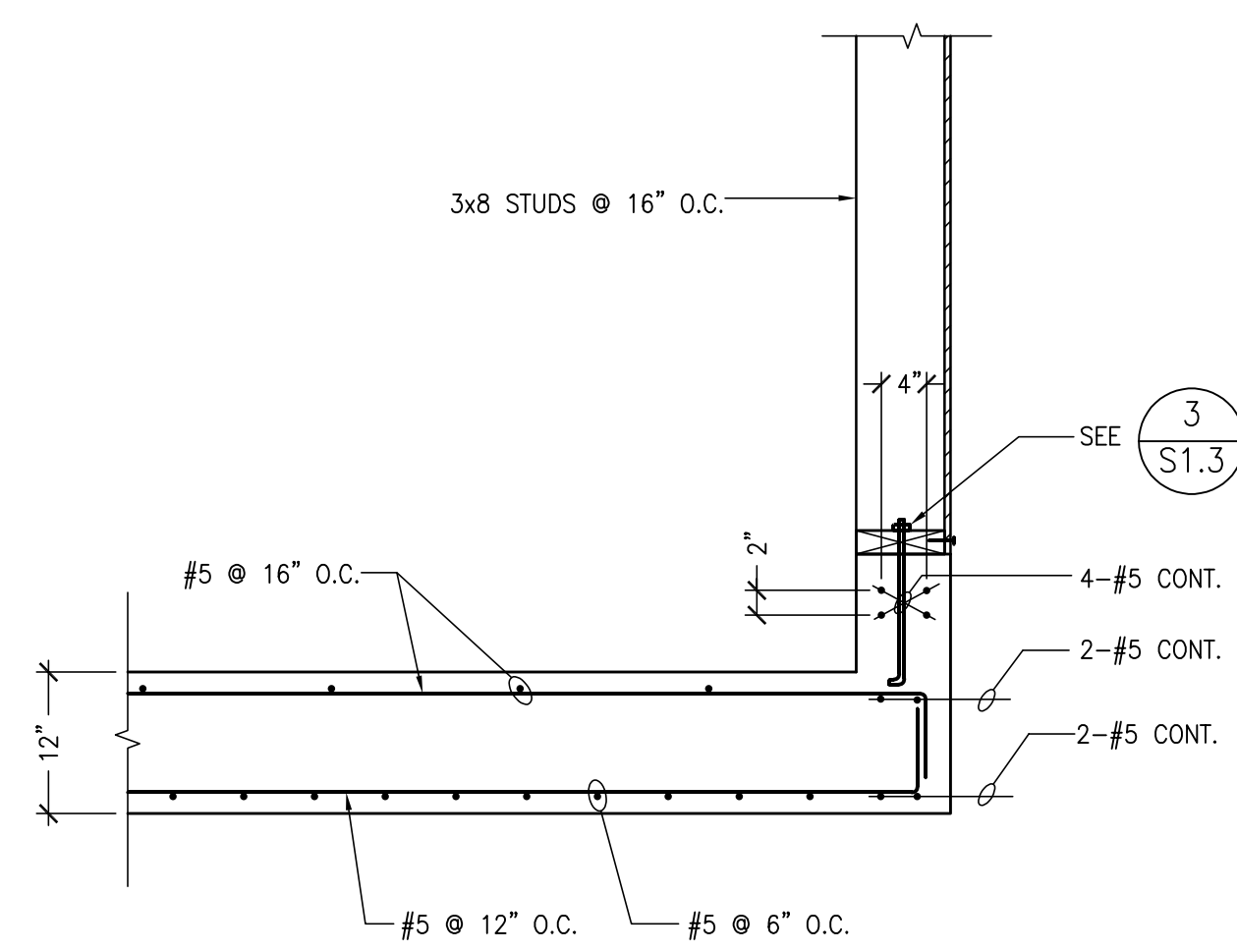
DETAIL 3



SECTION

4 DETAIL

1



DETAIL

6

DETAIL

5 DETAIL

3 DETAIL

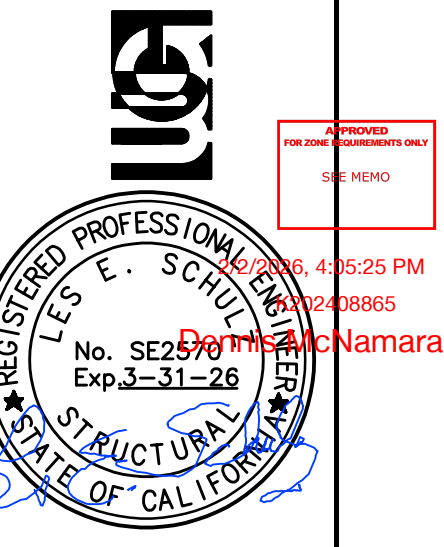
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10/3/2025, 1:47:46 PM
 K202408865
 Madison Flowers

WHEELER & GRAY
 REGISTERED PROFESSIONAL ENGINEERS
 1333 S. MAYFLOWER AVE., SUITE 320
 MONROVIA, CALIFORNIA 91016
 TEL: (626) 432-5858 FAX: (626) 432-5858



10/3/2025, 4:25:25 PM
 K202408865
 Namara

A NEW BUILDING FOR:



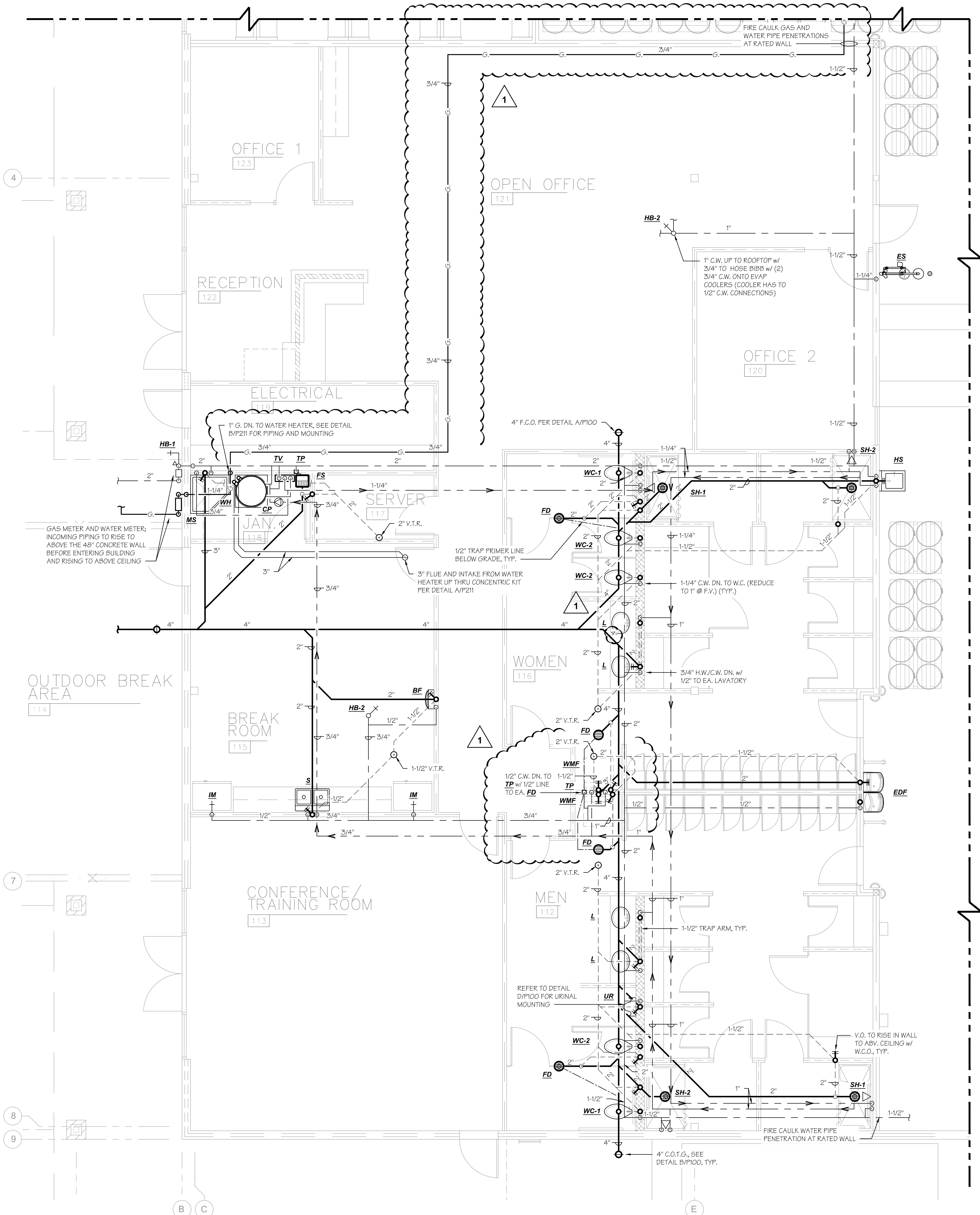
KERN COUNTY
SPECIAL WASTE
FACILITY
 SEC OF DOWNING AVE
 & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR

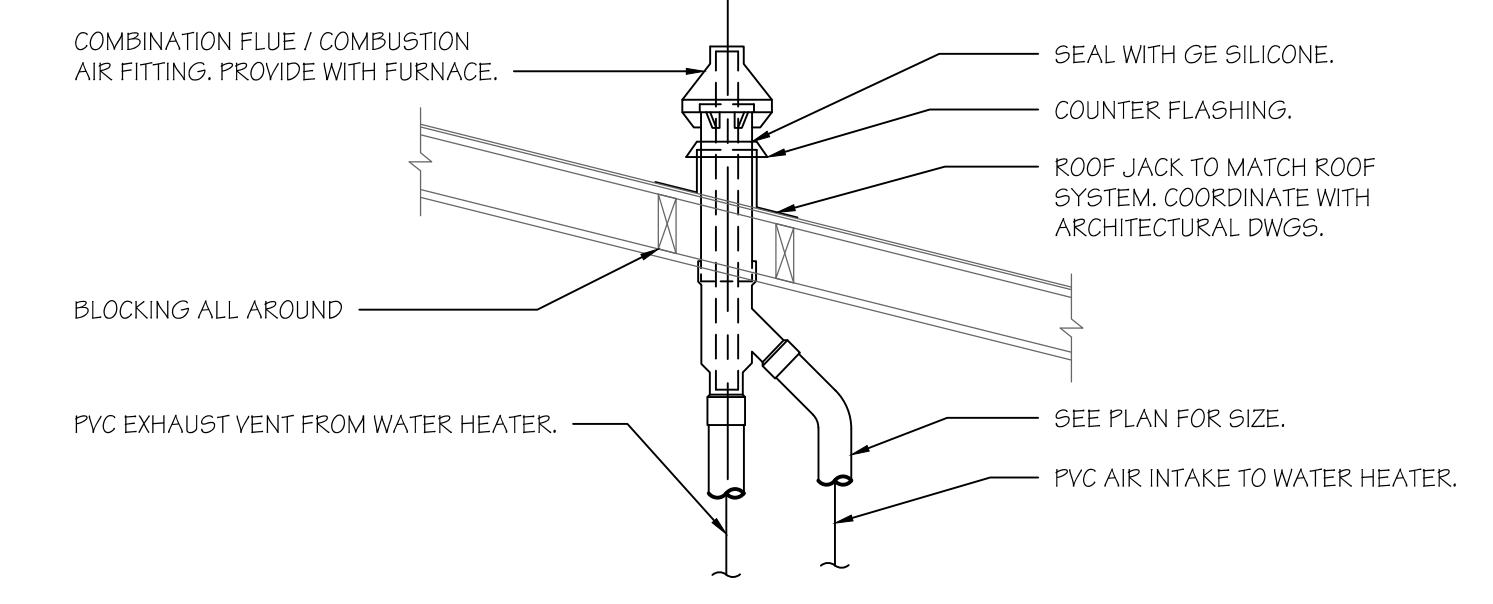
REVISION	DESCRIPTION

JOB	DP	PM

S4.4

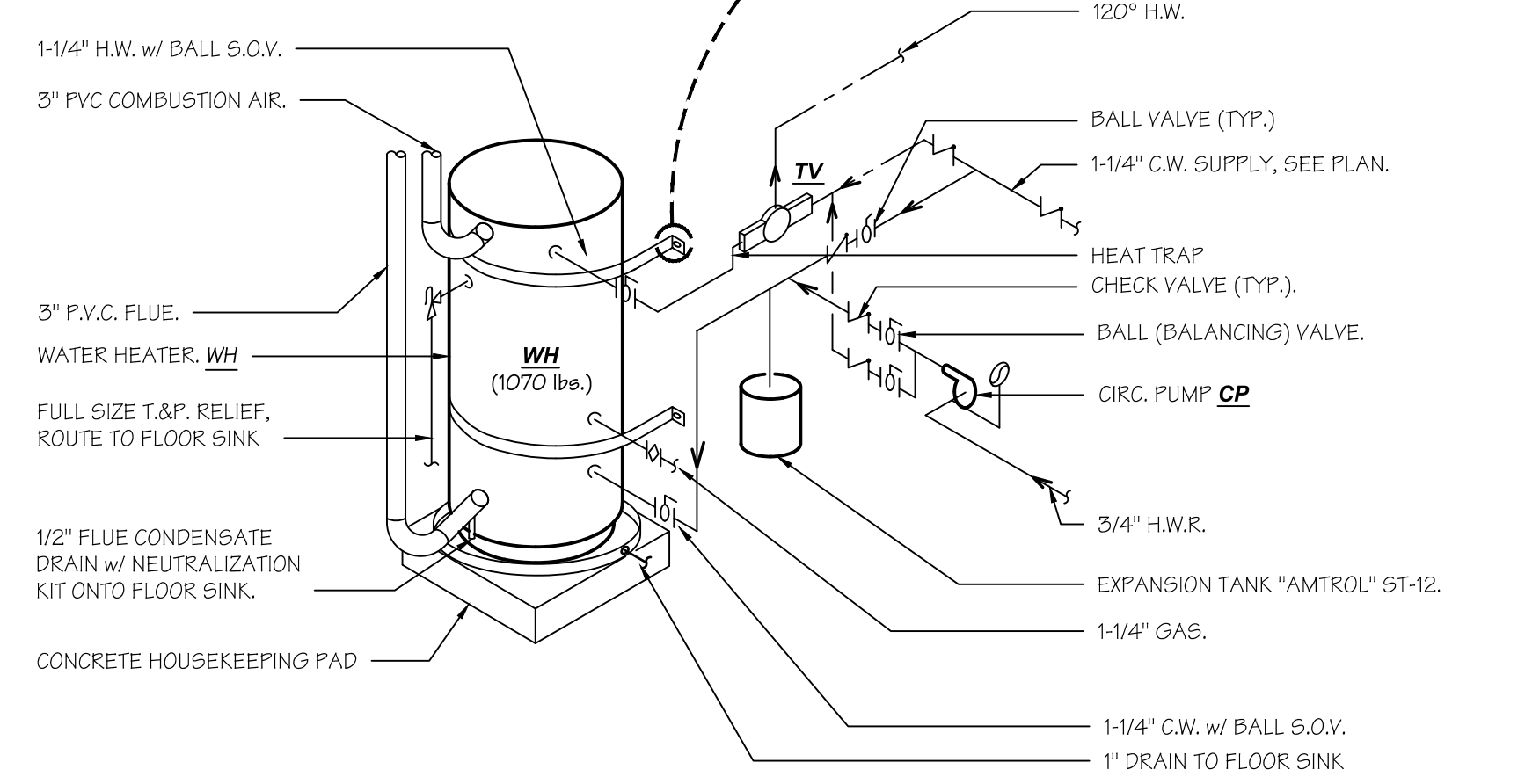
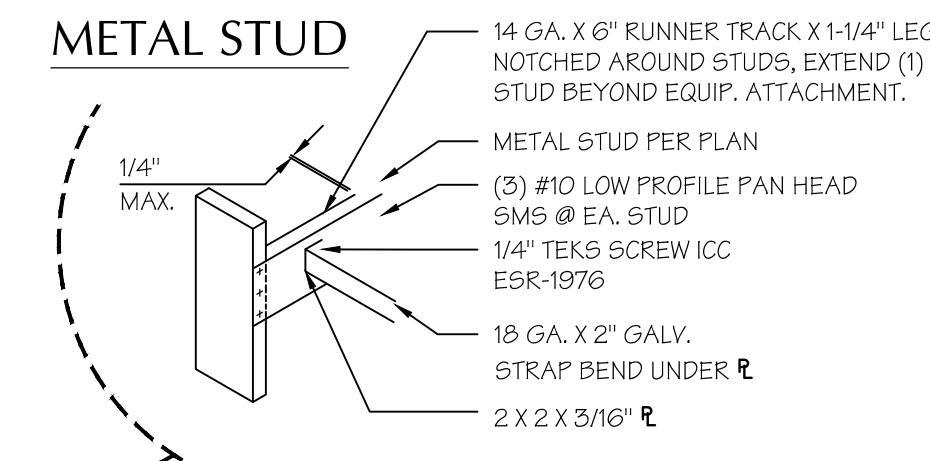


PLUMBING PLAN
 SCALE: 1/4"=1'-0"



COMBINATION INTAKE/ COMBUSTION FLUE THRU ROOF

SCALE: NTS



WATER HEATER MOUNTING

SCALE: N.T.S.

GAS CALC's (7"-11" w.c.)(150'):

1	Radiant heater tube	@ 40 M.B.H. =	40
1	Water heater	@ 125 M.B.H. =	125
		TOTAL M.B.H. =	165

1-1/4" G. TO START (per 2022 CPC table 1215.2(1))
 (132' TDL)

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

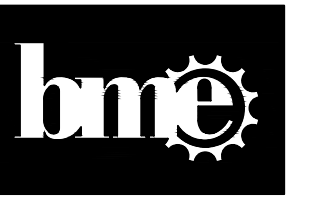
SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

DATE	DESCRIPTION

REVISION	DESCRIPTION
△	ISSUE 1/2024

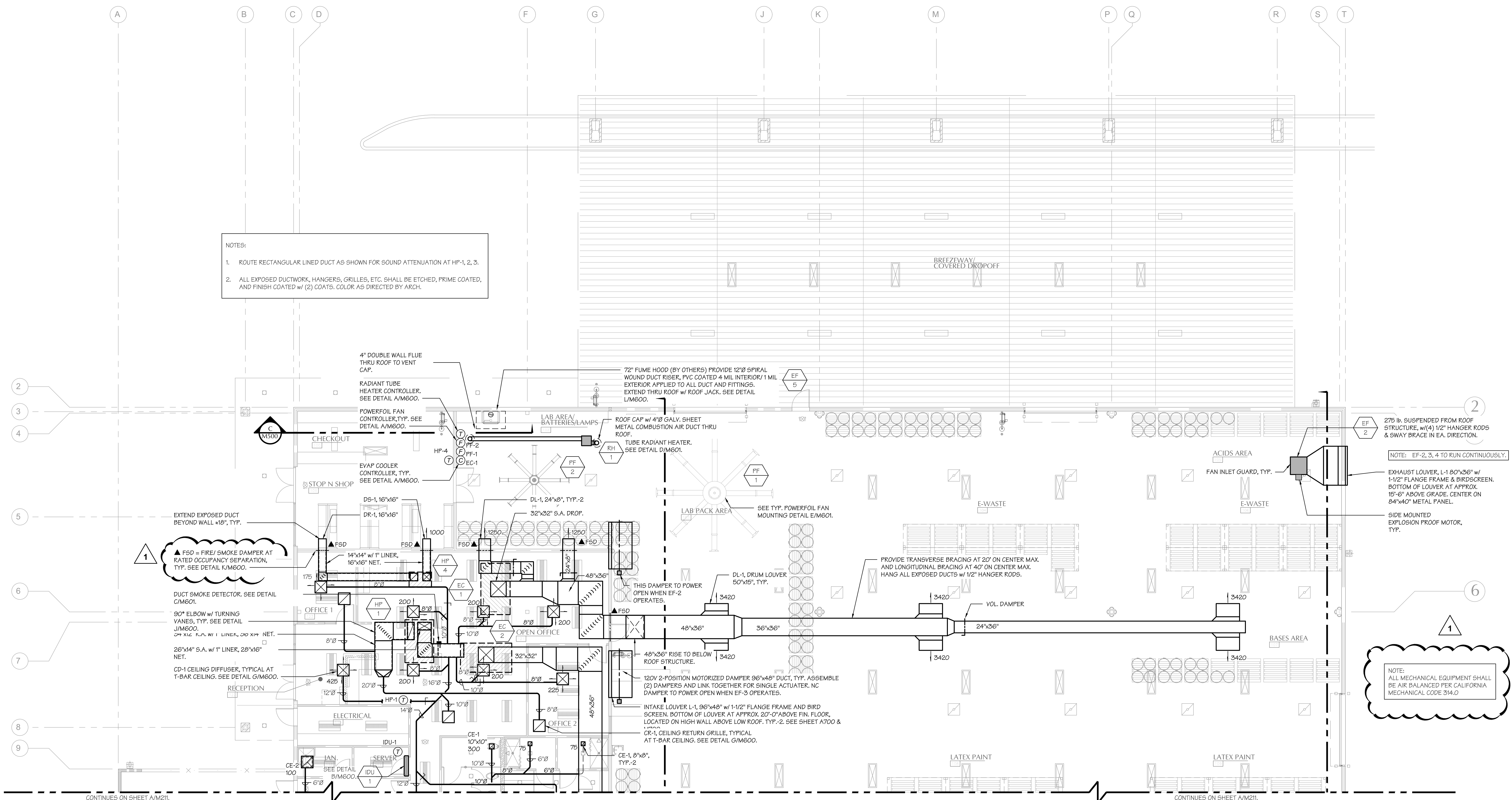
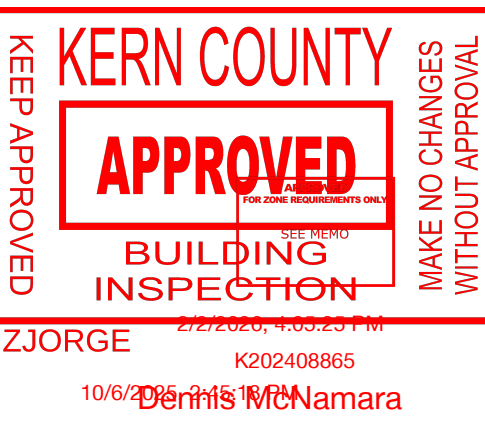
JOB NO.	P211
DWG NO.	
DATE	

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BASKIN MECHANICAL ENGINEERS

175 Fulton Street
 Fresno, CA 93721
 Tel: (559) 237-0376
 Job: 23110
 Pjt: 09-10-25



NOTES:
 1. ROUTE RECTANGULAR LINED DUCT AS SHOWN FOR SOUND ATTENUATION AT HP-1, 2, 3.
 2. ALL EXPOSED DUCTWORK, HANGERS, GRILLES, ETC. SHALL BE ETCHED, PRIME COATED, AND FINISH COATED W/ (2) COATS. COLOR AS DIRECTED BY ARCH.

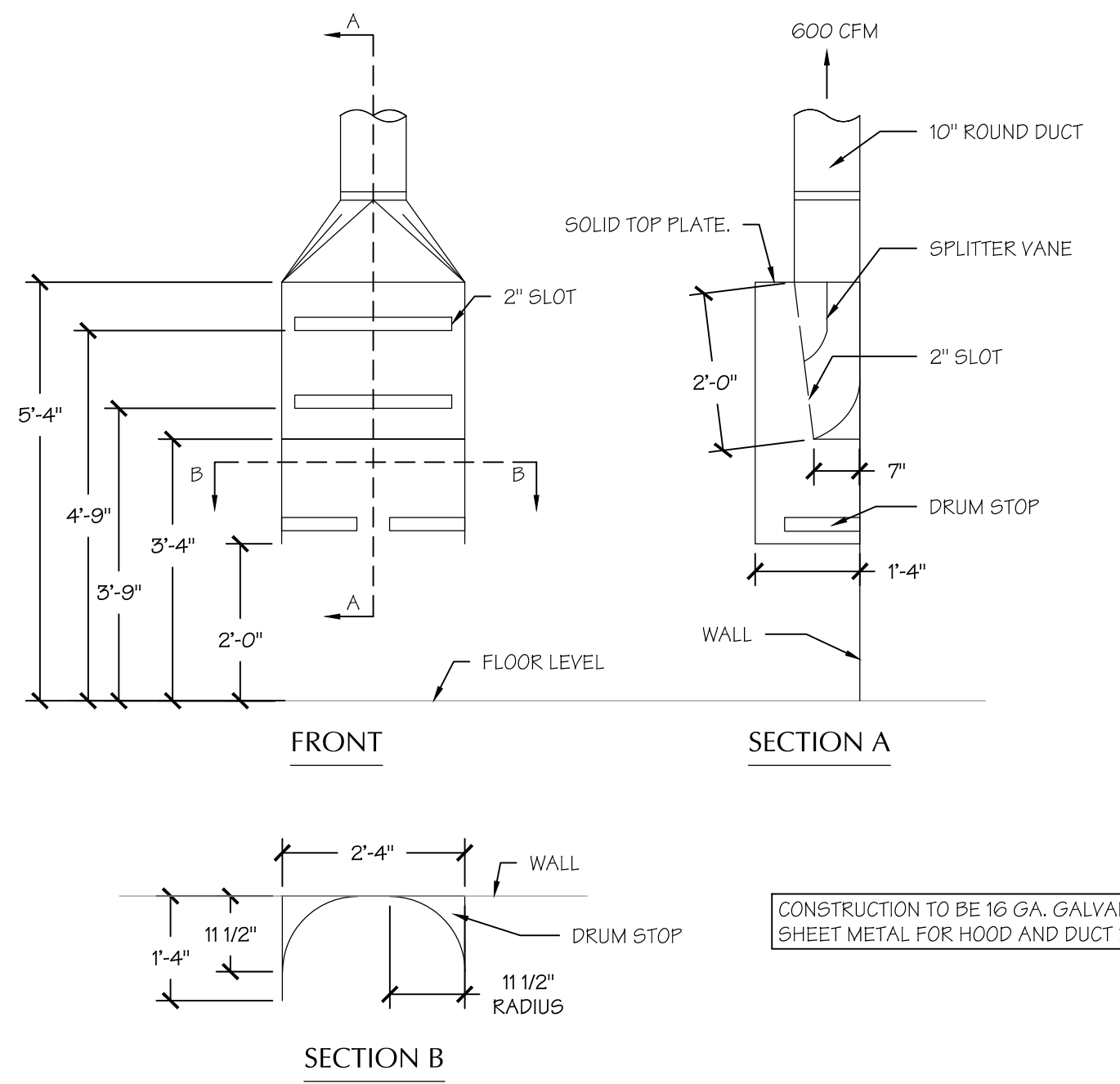
PARTIAL MECHANICAL FLOOR PLAN - NORTH
 SCALE: 1/8"=1'-0"

Per CalGreen Section 5.504.3, at the time of rough installation and during storage on the construction site and until final startup of the heating, cooling, and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic sheet metal, or other approved methods to reduce the amount of dust, water, and debris which may enter the system.

EXHAUST REQ. TABLE

ROOM	AREA	CFM / SQ FT	CFM REQUIRED	CODE(S)	CFM PROVIDED	CONTROLS
E-WASTE, PAINT, GEN. STORAGE	13,384	1.0	13,384	CFC 5004.3.1	15,000	CONTINUOUS
BULKING	800	1.0	800	CFC 5004.3.1	2,000	CONTINUOUS (1)
PARKING GARAGE	5775	0.75	4,331	CMC TABLE 403.7	5,000	CO / NO2 SENSOR (2)

1. EMERGENCY SHUT-OFF PER CFC 5004.3.1.4.
 2. 50 PPM CO OR 1 PPM NO2 PER CMC 403.7.2(2).



BULK DRUM HOOD
 SCALE: N.T.S.

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY
 SEC OF DOWNING AVE & WEAR ST
 BAKERSFIELD, CALIFORNIA

NO.	REVISION

NO.	DESCRIPTION
1	ISSUE FOR PERMITS
2	ISSUE FOR PERMITS

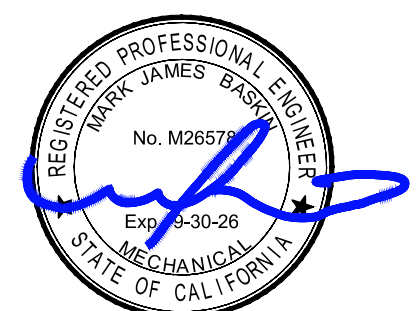
NO.	DATE	BY

M210



BASKIN MECHANICAL ENGINEERS

175 Fulton Street
Fresno, CA 93721
Tel: (559) 237-0376
Job: 23110
Pit: 09-10-25



RUIZJORGE K202408865
10/6/2024 RUIZJORGE

A NEW BUILDING FOR:



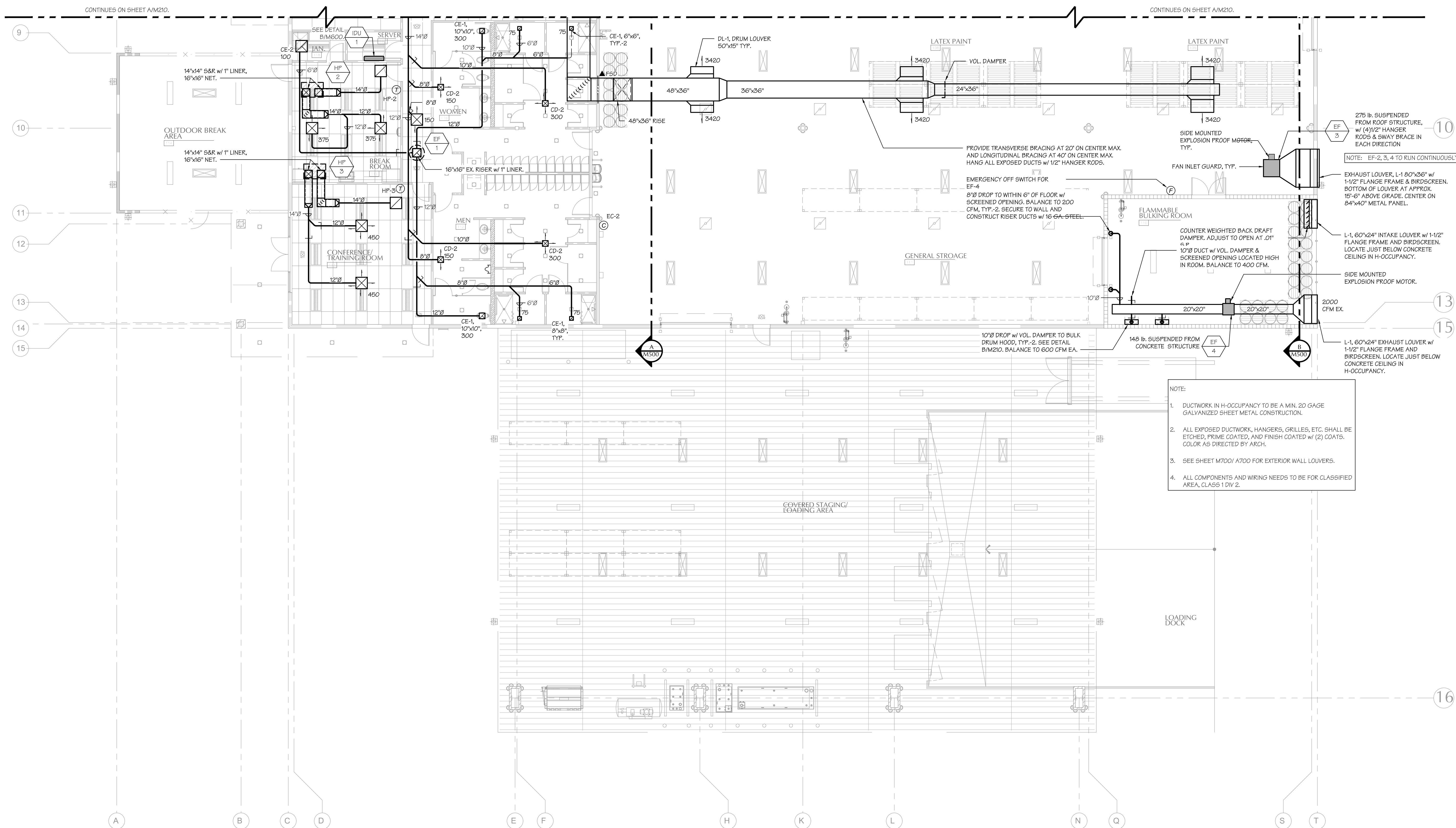
KERN COUNTY SPECIAL WASTE FACILITY

SEC OF DOWNING AVE & WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	REVISION

REVISION	DESCRIPTION

NO.	DATE	BY	CHKD.

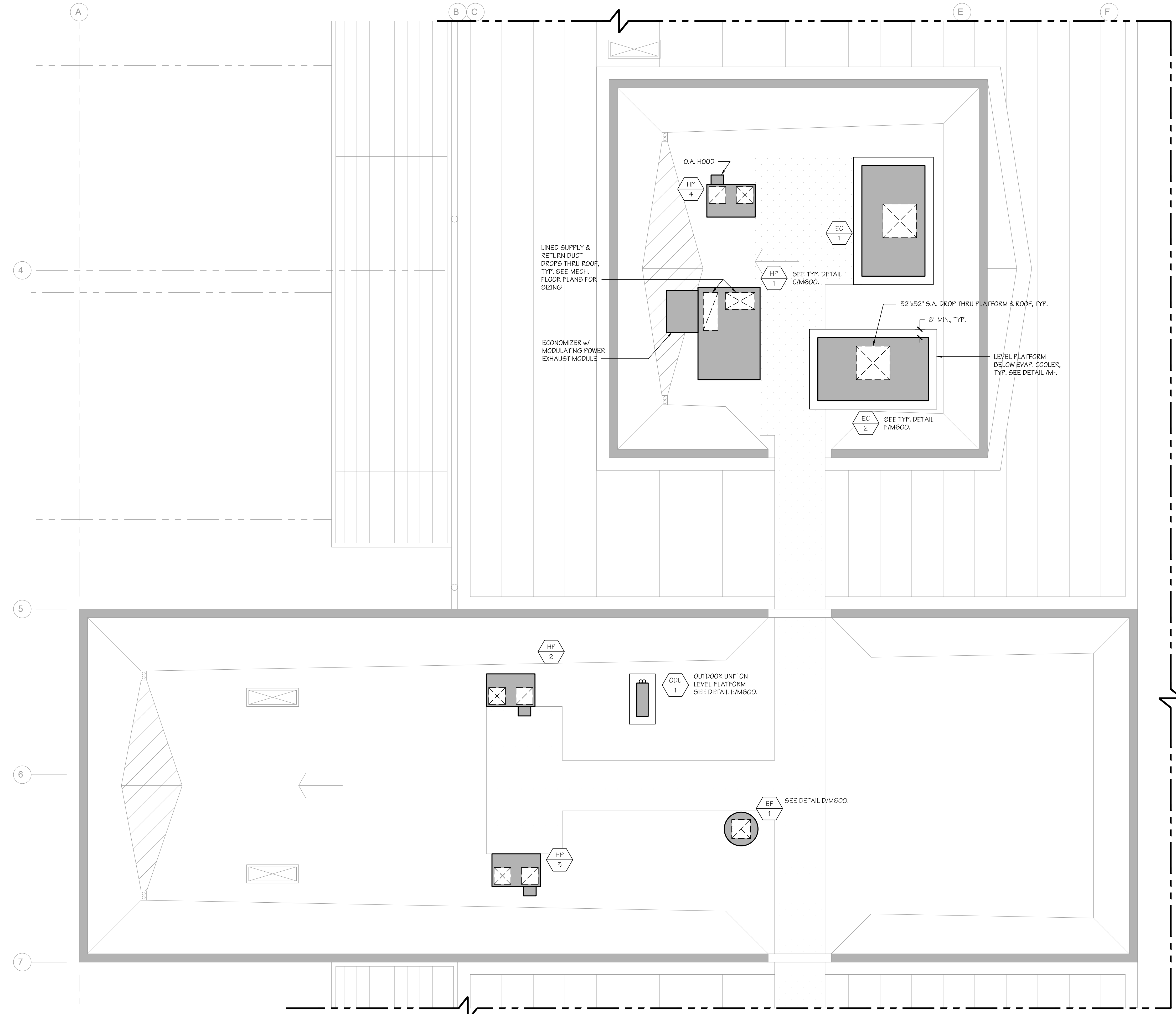
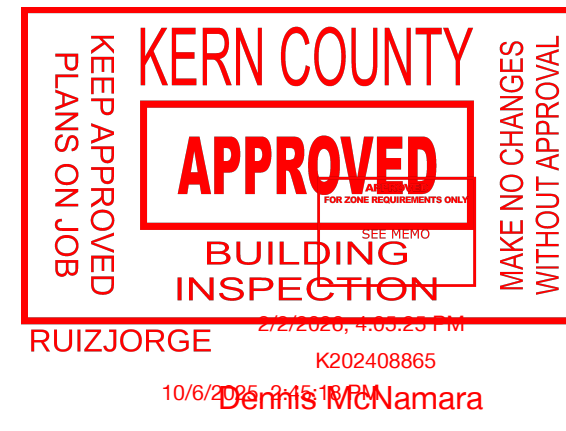
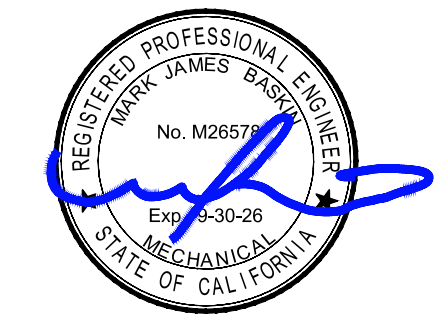


PARTIAL MECHANICAL FLOOR PLAN - SOUTH
SCALE: 1/8"=1'-0"

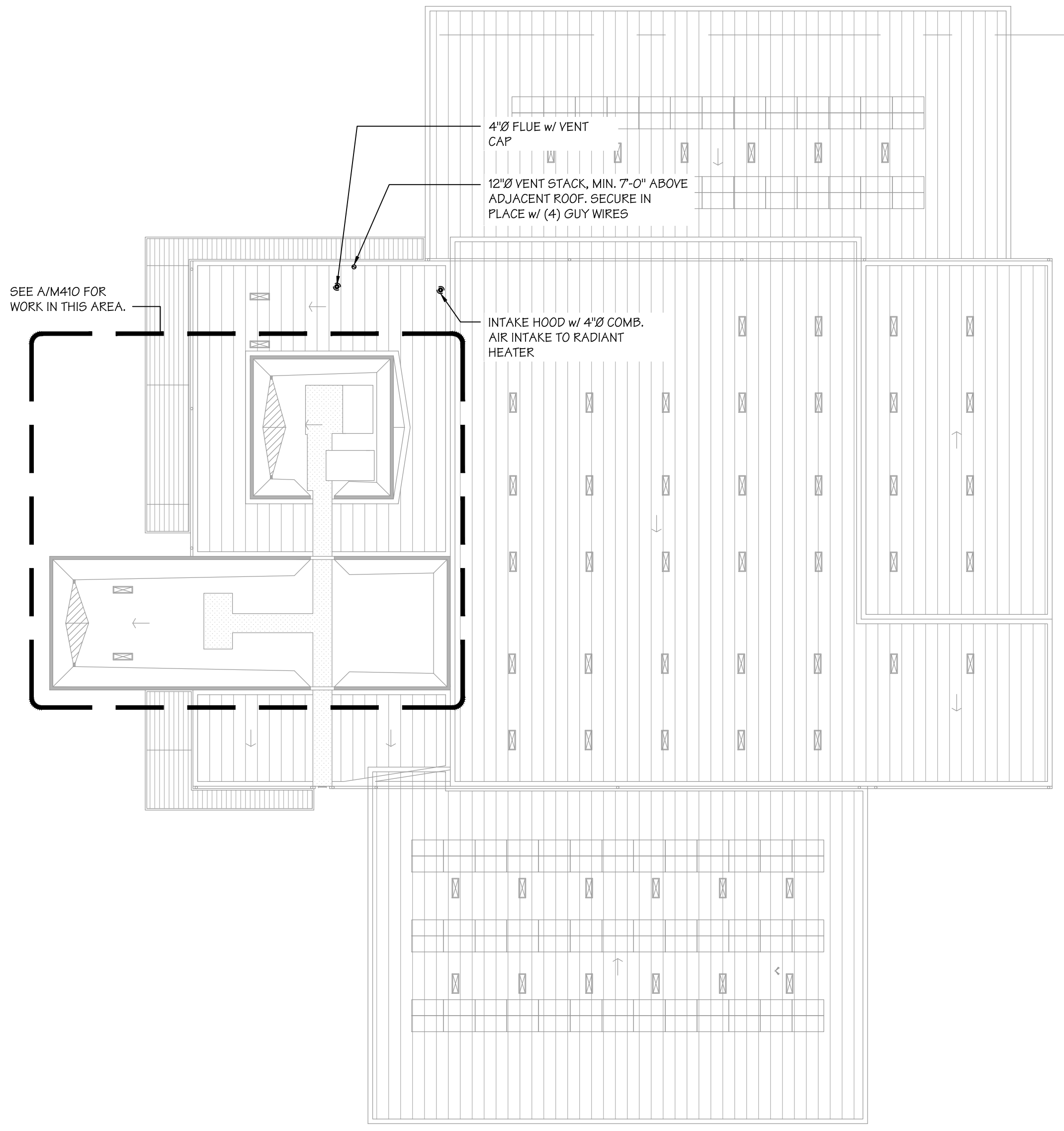
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M211

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PARTIAL MECHANICAL ROOF PLAN
SCALE: 1/4"=1'-0"



OVERALL MECHANICAL ROOF PLAN
SCALE: 1"=20'-0"

O.A. AIR SCHEDULE

MARK NUMBER	OUTSIDE AIR CFM
HP-1	450
HP-2	205
HP-3	300
HP-4	175

A NEW BUILDING FOR:



**KERN COUNTY
SPECIALTY WASTE FACILITY**
SEC OF DOWNING AVE & WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	REVISION

REVISION	DESCRIPTION
△	ISSUE CHANGE
△	MARK CHANGE

JOB NO.	M400
DATE	
BY	