PLANTING LEGEND

KEY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE/SPACING
P1		BOUTELOUA GRACILIS	BLUE GRAMA	4" POTS @ 12"OC INSTALL GOPHER WIRE

TO REMAIN

(E) RACETRACK TO REMAIN

PAVILION
749.55 FFE

SMALL EVENT
749.42 FFE

RESTROOM
750.95 FFE

STORAGE
749.62 FFE

BARN
749.82 FFE

(E) TRAIN STATION

MEDEA CREEK

(E) ROAD TO REMAIN

(E) MII
BUIL

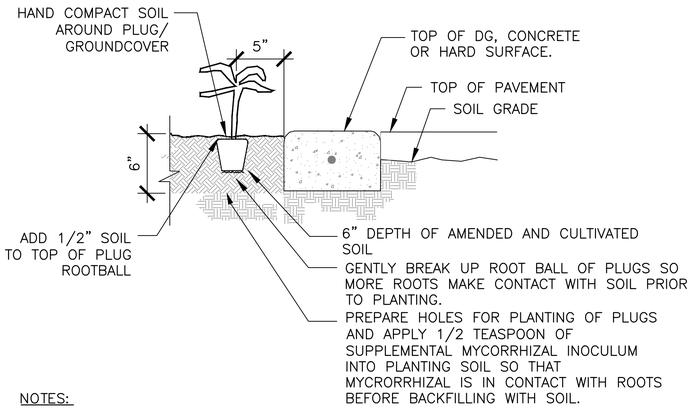
BLDG

SCALE 0 30 15 0 30 60
SCALE OF FEET

LICENSED LANDSCAPE ARCHITECT
RENE BIHAN
No. 3682
STATE OF CALIFORNIA

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
RC,BW CADD BW TECH. REVIEW: DATE: 07-15-2022	L2.0	PLANTING PLAN SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	638 182819 PMIS/PKG NO. 303051 SHEET 44 OF 200



NOTES:

1. WEED CONTROL TO BE APPLIED TO ALL PLANTING AREA AFTER COMPLETION OF PLANTING AND PRIOR TO MULCH APPLICATION. USE SURFLAN, RONSTAR–G OR APPROVED EQUAL (SEE SPECIFICATIONS)

2. THE CONTRACTING OFFICER SHALL COORDINATE COST AND SOURCE OF FILL FOR PLANTERS AS NEEDED PRIOR TO BIDDING.

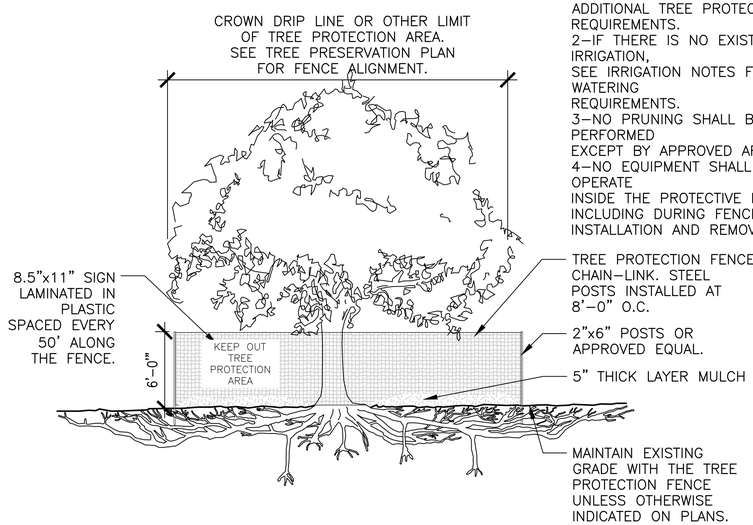
3. IMMEDIATELY AFTER PLANTING, HAND WATER AND THOROUGHLY SOAK THE SOIL AROUND THE PLUGS WITH A DIFFUSED NOZZLE SPRAY.

4. THE CONTRACTING OFFICER TO INSTALL GOPHER WIRE

02 GROUNDCOVER PLANTING

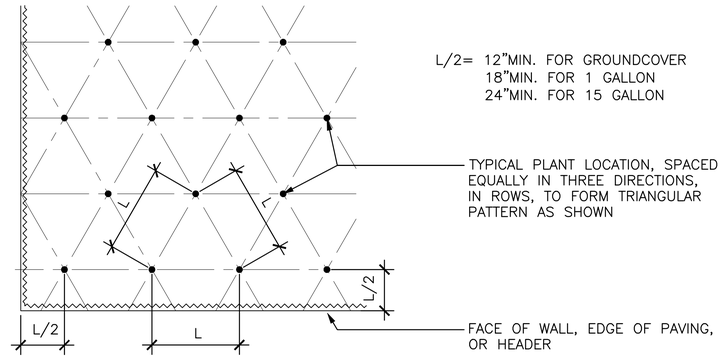
1 1/2" = 1'–0"

NOTES:
1–SEE NOTES ON SHEET L0.03 FOR ADDITIONAL TREE PROTECTION REQUIREMENTS.
2–IF THERE IS NO EXISTING IRRIGATION, SEE IRRIGATION NOTES FOR WATERING REQUIREMENTS.
3–NO PRUNING SHALL BE PERFORMED EXCEPT BY APPROVED ARBORIST.
4–NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.



03 TREE PROTECTION FENCING

1/4" = 1'–0"



01 TRIANGULAR SPACING LAYOUT

1/4" = 1'–0"

100% DRAFT CONSTRUCTION DOCUMENTS

LICENSED LANDSCAPE ARCHITECT
RENE BIHAN
No. 3682
STATE OF CALIFORNIA
12/20/2022
07/15/2022

DESIGNED: RC,BW	SUB SHEET NO. L2.1	TITLE OF SHEET: PLANTING DETAILS	DRAWING NO. 638 182819
CADD: BW			PMIS/PKG NO. 303051
TECH. REVIEW:			SHEET 45 OF 200
DATE: 07–15–2022		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	

SEE IRRIGATION LEGEND ON SHEET L3.1

PAVILION
749.55 FFE

SMALL EVENT
749.42 FFE

RESTROOM
750.95 FFE

STORAGE
749.62 FFE

BARN
749.82 FFE

BFP

POC

(E) TRAIN STATION

(E) RACETRACK TO REMAIN

(E) ROAD TO REMAIN

MEDEA CREEK

15.5 | 3 | RVAN | 1"

14.9 | 2 | RVAN | 1"

14.4 | 1 | RVAN | 1"

SCALE 0 30 15 0 30 60
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: RC,BW CADD: BW TECH. REVIEW: DATE: 07-15-2022	SUB SHEET NO. L3.0	TITLE OF SHEET: IRRIGATION PLAN SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 46 OF 200

LICENSED LANDSCAPE ARCHITECT
RENE BIHAN
No. 3682
STATE OF CALIFORNIA

p:\ARG\arg1001 rebuild paramount ranch\4 drawings\graphics\AutoCAD\LA\Sheets\LAYOUT\L3.0 IRRIGATION PLAN.dwg | BWALKER |ANSI D (22.00 X 34.00 INCHES) | 7/28/2022

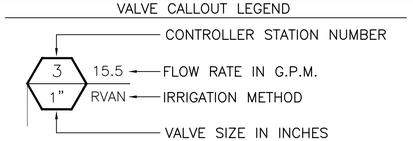
IRRIGATION MATERIAL LEGEND

SYMBOL Q T H F	MANUFACTURER	MODEL NO. / DESCRIPTION	FLOW RATE (GPM)	PSI	RADIUS	PR. RATE	DETAIL
▽	RAIN BIRD	RD-06-S-P45-F 6" POP-UP TURF HEAD WITH R-VAN14 (H) NOZZLE	.56	30	13 FT	0.64 IN./HR.	A
▽ ▽	RAIN BIRD	RD-06-S-P45-F 6" POP-UP TURF HEAD WITH R-VAN18 (H) / R-VAN18-360 NOZZLES	.85, 1.65	30	16 FT	0.65 IN./HR.	A
◣ ▶ ▽ ◉	RAIN BIRD	RD-06-S-P45-F 6" POP-UP TURF HEAD WITH R-VAN24 (Q/T/H) / R-VAN24-360 NOZZLES	.60, .80, 1.20, 2.35	30	19 FT	0.64 IN./HR.	A
●	RAIN BIRD	100-PEB 1" PLASTIC MASTER CONTROL VALVE (MCV). INSTALL THE MCV WITH THE FS INSIDE A RAIN BIRD VB-STD STANDARD RECTANGULAR VALVE BOX.					B
F	CREATIVE SENSOR TECH.	ELF-T10-N01 1" NORYL BODIED, IMPELLER TYPE FLOW SENSOR (FS), WIRE TO CONTROLLER USING TWO (2) #14UF AWG WIRES. INSTALL THE FS WITH THE MCV INSIDE A RAIN BIRD VB-STD STANDARD RECTANGULAR VALVE BOX. CONTACT CREATIVE SENSOR TECHNOLOGY'S REPRESENTATIVE GENTILE & ASSOCIATES (STEVEN KIM) AT (760) 214-5734 FOR FURTHER INFORMATION.					B
●	RAIN BIRD	100-PEB 1" PLASTIC REMOTE CONTROL VALVE (RCV). INSTALL ALL THREE RCV'S INSIDE A RAIN BIRD VB-STD STANDARD RECTANGULAR VALVE BOX USING A LASCO ULTRA-ZONE SCH. 80 PVC VALVE MANIFOLD ASSEMBLY, SEE BELOW.					C
NO SYMBOL	LASCO	ULTRA-ZONE SCH. 80 PVC MANIFOLD ASSEMBLIES SHALL BE USED TO INSTALL MULTIPLE 1" SIZED REMOTE CONTROL VALVES INSIDE A SINGLE STANDARD RECTANGULAR VALVE BOX. USE ALL COMPONENTS DESCRIBED IN THE DETAIL TO INSTALL THE VALVE ASSEMBLY.					C
C	RAIN BIRD	ESP8-LXME-IQ-4G-USA 8 STATION CONTROLLER WITH AN FSMLXME FLOW SMART MODULE. PROVIDED CONTROLLER INSIDE A LXMMSS STAINLESS STEEL, WALL MOUNTED CABINET. WALL MOUNT THE CONTROLLER INSIDE THE RESTROOM BUILDING AS SHOWN. CONTROLLER IS COMPLETE WITH A CELLULAR COMMINCATION CARD FOR COMMUNICATION WITH RAIN BIRD'S WEB BASED IQ V4.0 CENTRAL CONTROL SOFTWARE AND "GLOBAL WEATHER" EVAPOTRANSPIRATION RATE DAILY WEATHER DATA SERVICE. GROUND THE CONTROLLER AS RECOMMENDED BY THE MANUFACTURER. THE CONTRACTOR SHALL REGISTER THE CONTROLLER WITH RAIN BIRD, ACTIVATE THE CENTRAL CONTROL SERVICE, AND FULLY PROGRAM THE CONTROLLER FOR AUTOMATIC PROGRAM / SCHEDULE ADJUSTMENT WITH THE WEATHER DATA DOWNLOAD SERVICE.					D,E
NO SYMBOL	PAIGE ELECTRIC	THE CONTROLLER SHALL BE GROUNDED USING A #182000 5/8" X 8 FOOT COPPER CLAD GROUND ROD, A #182005 CAST BRONZE ROD CLAMP AND THE REQUIRED LENGTH OF #6AWG BARE, SINGLE STRAND COPPER GROUND WIRE. INSTALL INSIDE A 10" ROUND VALVE BOX.					E
R	RAIN BIRD	WR2-RFC WIRELESS RAIN SENSOR, MOUNT ON BUILDING ROOF IN A LOCATION ACCEPTABLE TO THE ARCHITECT AND WITHIN RADIO CONTACT OF THE CONTROLLER. CONTRACTOR SHALL INSURE THAT SENSOR PLACEMENT ALLOWS FOR RAIN DETECTION AND CONTROLLER SHUT DOWN.					F
E	N/A	120 VOLT ELECTRICAL POWER FOR CONTROLLER, PROVIDED BY ELECTRICIAN, VERIFY ACTUAL LOCATION IN FIELD					N/A
———	AS APPROVED	PVC PIPE 3/4" – 3" SCH. 40, SOLVENT WELD WITH SCH. 40 PVC FITTINGS, AS LATERAL LINES INSTALLED 12" BELOW FINISHED GRADE					G
——— – – ———	AS APPROVED	PVC PIPE 1 1/4" – 1 1/2" SCH. 40, SOLVENT WELD WITH SCH. 80 PVC FITTINGS, AS MAINLINES INSTALLED 18" BELOW FINISHED GRADE					G
NO SYMBOL	LASCO	ALL FITTINGS USED WITH SOLVENT WELD MAINLINE PIPE SHALL BE SCH. 80 PVC FITTINGS, GRAY IN COLOR, AND SIZED TO MATCH THE MAINLINE PIPE. ALL FITTINGS USED WITH SOLVENT WELD LATERAL LINE PIPE SHALL BE SCH. 40 PVC, WHITE IN COLOR, AND SIZED TO MATCH THE LATERAL LINE PIPE. ALL THREADED PVC NIPPLES SHALL BE SCH. 80 PVC PIPE, DARK GRAY IN COLOR, WITH MOLDED THREADS.					N/A
NO SYMBOL	WELD-ON	ALL SOLVENT WELD CONNECTIONS FOR BOTH MAINLINE AND LATERAL LINE SHALL BE MADE USING THE TWO-STEP PROCESS OF PRIMER AND SOLVENT CEMENT. PRIMER SHALL BE P-68 LOW VOC "PURPLE PRIMER". SOLVENT CEMENT SHALL BE 705 LOW VOC, GRAY COLORED "MEDIUM BODIED" CEMENT. USE DAUBERS SIZED AT LEAST ONE-HALF THE SIZE OF THE LARGEST PIPE BEING JOINED. ALL SOLVENT CEMENTED JOINTS SHALL BE MADE PER THE PIPE AND FITTING MANUFACTURER'S RECOMMENDATIONS.					N/A
NO SYMBOL	PAIGE ELECTRIC	P7079D POLYETHYLENE INSULATED, SOLID COPPER CONDUCTOR IRRIGATION CONTROL WIRE #14UF AWG DIRECT BURIAL (U.L. APPROVED). PILOT WIRES SHALL BE RED IN COLOR, COMMON GROUND WIRE SHALL BE WHITE IN COLOR, SPARE WIRES SHALL BE YELLOW IN COLOR. THE CONTRACTOR SHALL ROUTE TWO (2) SPARE CONTROL WIRES (YELLOW) FROM THE CONTROLLER ALONG THE MAINLINE IN ALL DIRECTIONS AWAY FROM THE CONTROLLER. LOOP SPARE WIRES UP AND INTO EACH VALVE BOX ALONG THE MAINLINE, PROVIDING A 3 FOOT MINIMUM LOOP. WHERE MULTIPLE CONTROLLERS ARE USED ON THE PROJECT, EACH CONTROLLER SHALL HAVE A DIFFERENT COLOR FOR PILOT WIRES.					G,H
NO SYMBOL	GPH IRRIGATION	GDBRY6 DIRECT BURIAL, 100% SILICONE GEL, WATER-PROOF WIRE CONNECTORS FOR USE ON ALL WIRE SPLICES AND CONNECTIONS					H

POINT OF CONNECTION

SYMBOL	DESCRIPTION	MATERIAL/FINISH
POC ⊗ BFP	POINT OF CONNECTION	2" MAINLINE @ 40 PSI W/ NEW 2" IRRIGATION BFP

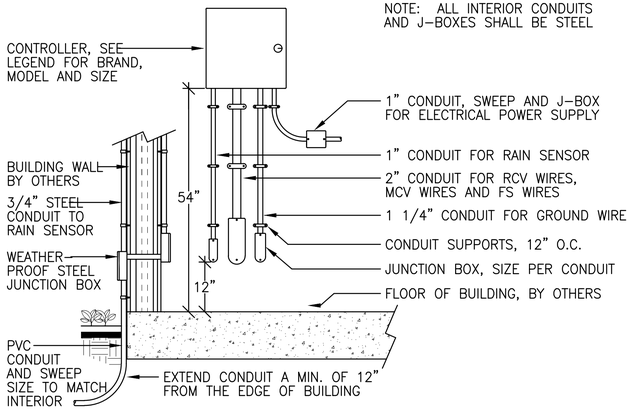
VALVE CALLOUT LEGEND



100% FINAL CONSTRUCTION DOCUMENTS

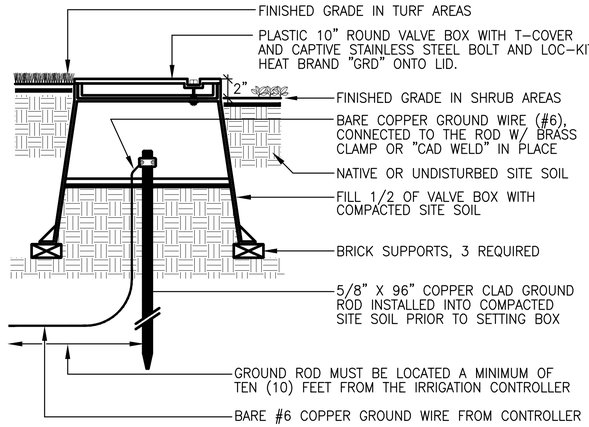
DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
RC,BW	L3.1	IRRIGATION LEGEND	638 182819
CADD: BW			PMIS/PKG NO. 303051
TECH. REVIEW:			SHEET 47 OF 200
DATE: 07-15-2022		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	

p:\ARG\arg1001 rebuild paramount ranch\4 drawingsgraphics\AutoCAD\LA\Sheets\2 GRADING\L3.1 IRRIGATION DETAILS.dwg | BWALKER | ANSI D (22.00 X 34.00 INCHES) | 7/28/2022



NOTE:
DETAIL SHOWS FRONT VIEW OF CONTROLLER AND A SIDE VIEW EXAMPLE OF A WALL PENETRATION. EACH CONDUIT REQUIRES A J-BOX ON THE INTERIOR AND EXTERIOR OF THE BUILDING.

D CONTROLLER
SECTION VIEW-NTS

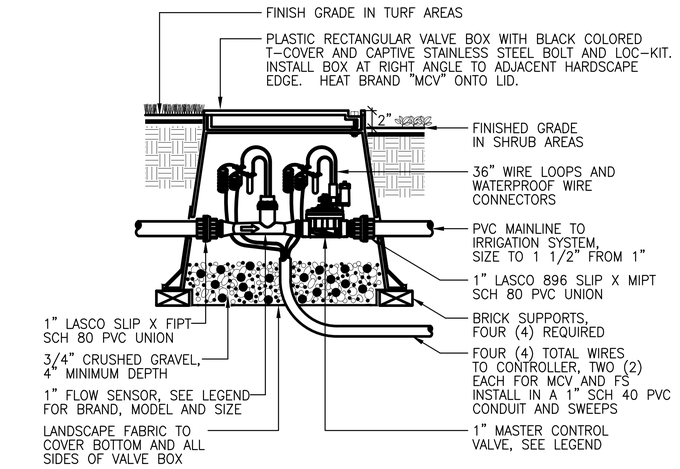


NOTE:
THE CONTRACTING OFFICER IS REQUIRED TO CONTACT 811 OR DIGALERT A MINIMUM OF TWO (2) DAYS PRIOR TO ANY EXCAVATION ON THE PROJECT AND SPECIFICALLY PRIOR TO THE INSTALLATION OF ANY GROUNDING RODS. DIAL 811 OR LOG ONTO WWW.DIGALERT.ORG.

EACH CONTROLLER SHALL HAVE A MINIMUM OF ONE (1) GROUND ROD INSTALLED.

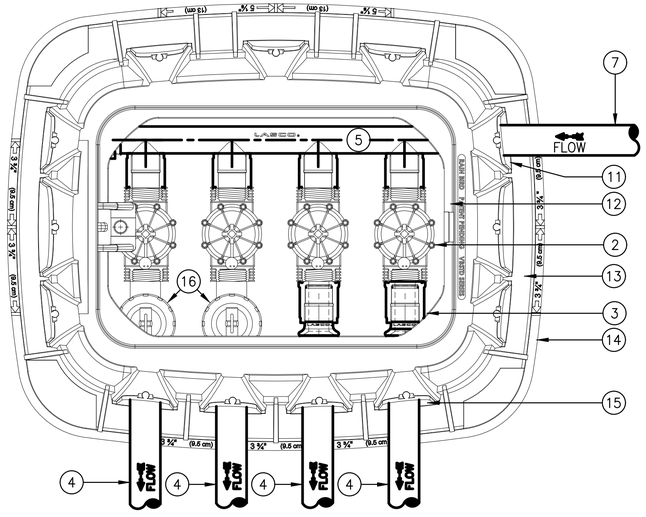
GROUND ROD SHALL BE INSTALLED A MINIMUM OF TEN (10) FEET AWAY FROM THE IRRIGATION CONTROLLER OR ANY CONTROL WIRE PATH.

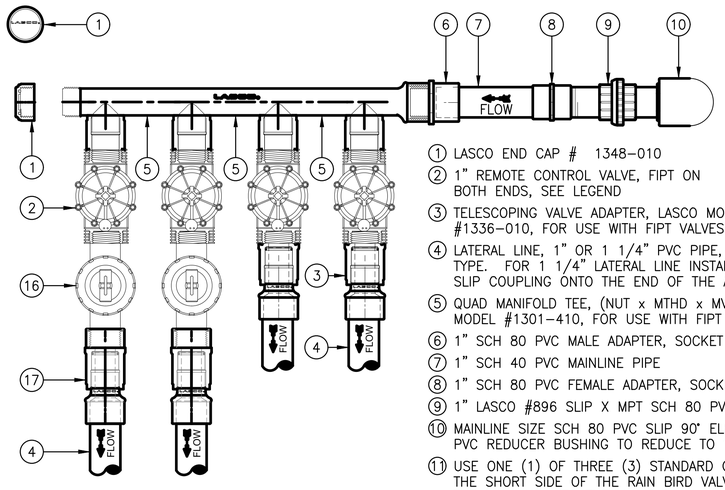
E GROUND ROD
SECTION VIEW-NTS



NOTE:
USE AN APPROVED, NON-HARDENING, TEFLON ASSEMBLY PASTE ON ALL THREADED FITTINGS. USE STANDARD BOX OPENINGS FOR ALL PIPING INTO THE BOX, DO NOT CUT THE BOX.

B MVS AND FS
SECTION VIEW-NTS





1. LASCO END CAP # 1348-010
2. 1" REMOTE CONTROL VALVE, FIPT ON BOTH ENDS, SEE LEGEND
3. TELESCOPING VALVE ADAPTER, LASCO MODEL #1336-010, FOR USE WITH FIPT VALVES
4. LATERAL LINE, 1" OR 1 1/4" PVC PIPE, SEE LEGEND FOR TYPE. FOR 1 1/4" LATERAL LINE INSTALL A 1 1/4" SCH. 40 SLIP COUPLING ONTO THE END OF THE ADAPTER
5. QUAD MANIFOLD TEE, (NUT x MTHD x MVConn), LASCO MODEL #1301-410, FOR USE WITH FIPT VALVES
6. 1" SCH 80 PVC MALE ADAPTER, SOCKET X MIPT
7. 1" SCH 40 PVC MAINLINE PIPE
8. 1" SCH 80 PVC FEMALE ADAPTER, SOCKET X FIPT
9. 1" LASCO #896 SLIP X MPT SCH 80 PVC UNION FITTING
10. MAINLINE SIZE SCH 80 PVC SLIP 90° ELBOW WITH A SCH 40 PVC REDUCER BUSHING TO REDUCE TO 1" SIZE PIPE
11. USE ONE (1) OF THREE (3) STANDARD OPENINGS ON THE SHORT SIDE OF THE RAIN BIRD VALVE BOX FOR THE MAINLINE INTO THE VALVE BOX
12. TOP OF RAIN BIRD STANDARD VALVE BOX
13. RAIN BIRD VB SERIES STANDARD VALVE BOX
14. BOTTOM OF RAIN BIRD STANDARD VALVE BOX
15. FOUR (4) STANDARD OPENINGS ON THE LONG SIDE OF THE RAIN BIRD VALVE BOX FOR LATERAL LINES OUT OF THE VALVE BOX
16. 1" PRESSURE REGULATING BASKET FILTER, MIPT ON BOTH ENDS, SEE LEGEND
17. TELESCOPING VALVE ADAPTER, LASCO MODEL #1236-010, FOR USE WITH MIPT FILTER

NOTE:
USE THIS ASSEMBLY FOR ANY GROUP OF TWO (2), THREE (3) OR FOUR (4) 1" REMOTE CONTROL VALVES. USE LASCO ULTRAZONE DOUBLE TEE (#1301210) AND TRIPLE TEE (#1301310) UNITS FOR ASSEMBLIES OF LESS THAN FOUR VALVES. SINGLE 1" REMOTE CONTROL VALVES SHALL BE INSTALLED PER STANDARD DETAIL.

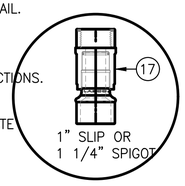
INSTALL A 4" DEEP LAYER OF 3/4" CRUSHED GRAVEL IN THE BOTTOM OF THE VALVE BOX.

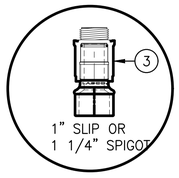
ENTIRE VALVE BOX BOTTOM AND SIDES TO BE WRAPPED WITH LANDSCAPE FABRIC.

DO NOT USE TEFLON PASTE ON THE VALVE CONNECTIONS TO THE LASCO ULTRA ZONE MANIFOLD CONNECTIONS.

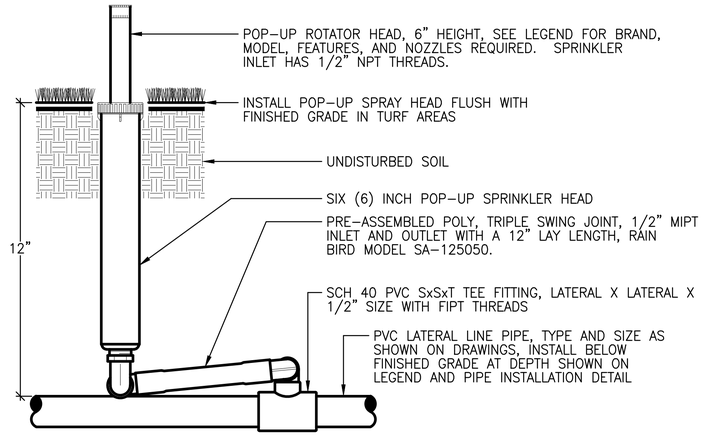
USE STANDARD BOX OPENINGS FOR ALL PIPING INTO THE BOX, DO NOT CUT THE BOX.

INSTALL A RAIN BIRD FD-401-TURF FOUR (4) STATION DECODER WITH A THREE (3) OR FOUR (4) REMOTE CONTROL VALVE GROUP. INSTALL A RAIN BIRD FD-101-TURFFOR EACH REMOTE CONTROL VALVE IN A TWO (2) REMOTE CONTROL VALVE GROUP.





A MULTIPLE VALVES IN A SINGLE BOX
SECTION VIEW-NTS



NOTE:
INSTALL SPRINKLER HEADS 4" FROM PAVING EDGE IN TURF AREAS.
INSTALL SPRINKLER HEADS 12" FROM THE FACE OF BUILDING WALLS OR WINDOWS.

INSTALL SPRINKLER HEADS PLUMB. ADJUST NOZZLE STREAM TO COVER THE LANDSCAPE AREA WITHOUT OVERSPRAY ONTO PAVING, FENCES, WALLS OR BUILDINGS.

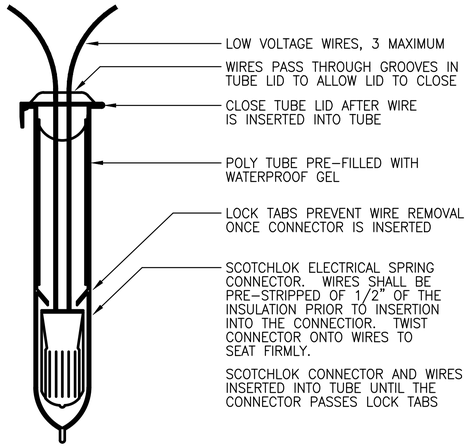
A SPRINKLER HEADS
SECTION VIEW-NTS

LICENSED LANDSCAPE ARCHITECT
RENE BIHAN
No. 3682
STATE OF CALIFORNIA
12/20/2022
07/15/2022

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: RC,BW / DRAWN: BW / TECH. REVIEW: / DATE: 07-15-2022	SUB SHEET NO. L3.2	TITLE OF SHEET: IRRIGATION DETAILS	DRAWING NO. 638 182819 / PMIS./PKG NO. 303051 / SHEET 48 OF 200

SAMO REBUILD PARAMOUNT RANCH
AGOURA HILLS, CALIFORNIA

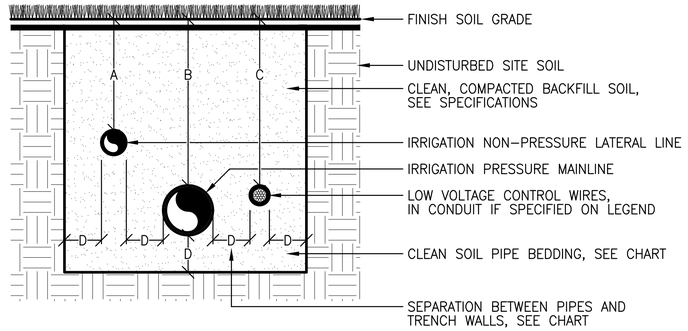


NOTE:
WIRE CONNECTOR SHALL BE A 3M DBR/Y-6 DIRECT BURY SPLICE KIT (U.L. APPROVED).

KIT SHALL INCLUDE A SCOTCHLOK Y SPRING CONNECTOR, A POLYPROPYLENE TUBE AND A WATERPROOF SEALING GEL. TUBE SHALL BE SUPPLIED PREFILLED WITH GEL.

DIRECT BURY SPLICE KIT SHALL BE USED TO ELECTRICALLY CONNECT 2 - 3 #14 OR 2 #12 PRE-STRIPPED COPPER WIRES. LARGER WIRES OR GREATER QUANTITIES OF WIRES SHALL REQUIRE A LARGER APPROVED WIRE CONNECTION.

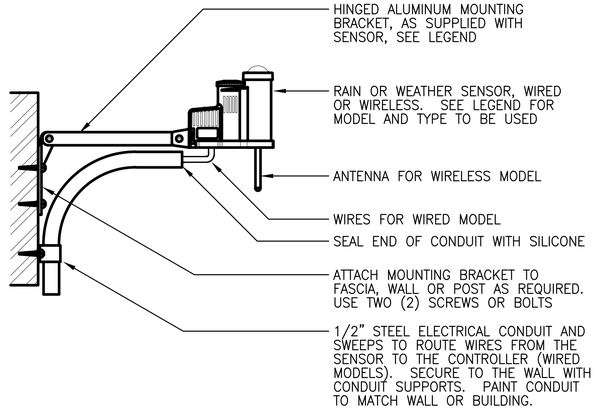
H WIRE CONNECTORS
SECTION VIEW-NTS



PIPE SIZES	A	B	C	D
SIZES 3/4" TO 2 1/2"	12"	18"	18"	4"
SIZES 3" AND 4"	18"	24"	24"	4"
SIZES 6" AND LARGER	X	30"	24"	6"

NOTE:
THE CONTRACTING OFFICER IS REQUIRED TO CONTACT 811 OR DIGALERT A MINIMUM OF TWO (2) DAYS PRIOR TO ANY EXCAVATION ON THE PROJECT. DIAL 811 OR LOG ONTO WWW.DIGALERT.ORG.

G PIPE INSTALLATION
SECTION VIEW-NTS



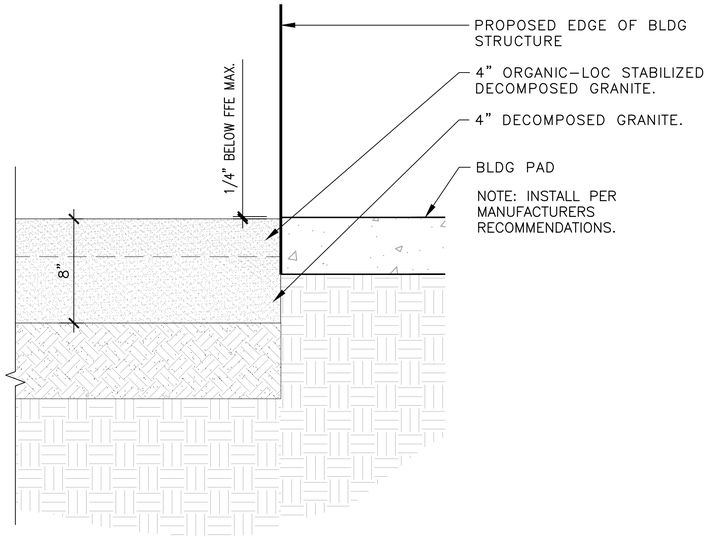
NOTE:
LOCATE THE SENSOR PER THE DRAWINGS AND IN AN AREA THAT WILL RECEIVE DIRECT RAINFALL. VERIFY THE SENSOR LOCATION WITH THE OWNER AND/OR ARCHITECT PRIOR TO INSTALLATION. VERIFY THE ROUTING OF THE WIRES AND CONDUIT ON WIRED SENSORS PRIOR TO INSTALLATION. FOR WIRELESS SENSORS, VERIFY THAT THE INSTALLED LOCATION ALLOWS FOR FULL COMMUNICATION WITH THE CONTROLLER. ADJUST SENSOR LOCATION AS NECESSARY.

F RAIN SENSOR
NTS

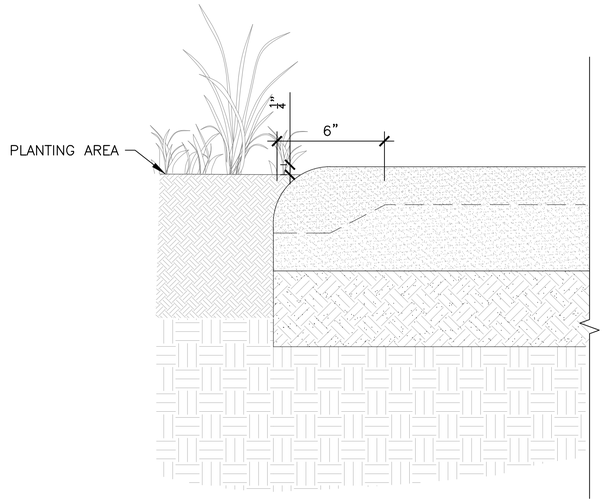
LICENSED LANDSCAPE ARCHITECT
RENE BIHAN
No. 3682
12/20/2022
07/15/2022
STATE OF CALIFORNIA

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
RC,BW	L3.3	IRRIGATION DETAILS	638 182819
DRAWN: BW			PMIS/PKG NO. 303051
TECH. REVIEW:		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 49 OF 200
DATE: 07-15-2022			

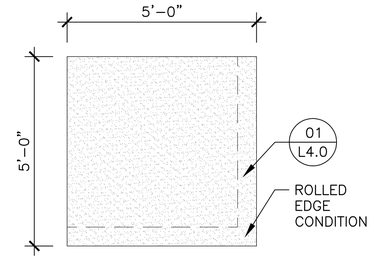


DECOMPOSED GRANITE AT BUILDING PAD



DECOMPOSED GRANITE AT PLANTING AREA

DECOMPOSED GRANITE AT STABILIZED NATIVE SOIL



02 DECOMPOSED GRANITE MOCK–UP
1/2"=1'–0"

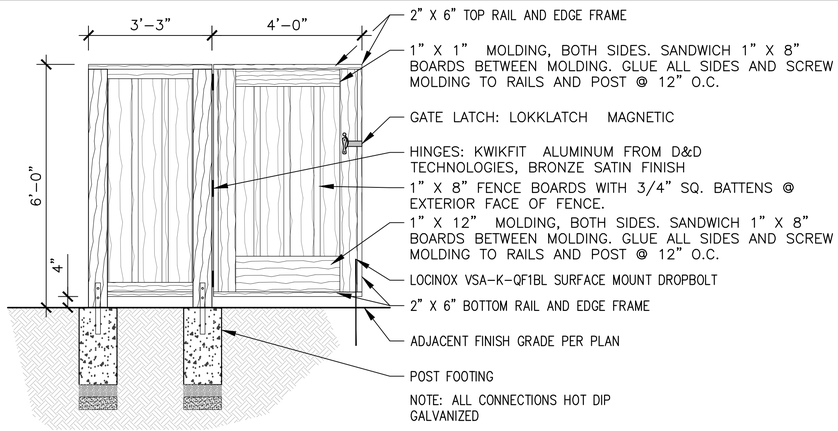
01 STABILIZED DECOMPOSED GRANITE
1–1/2"=1'–0"

LICENSED LANDSCAPE ARCHITECT
RENE BIHAN
N 3682
S
12/20/2022
R D
07/15/2022
D
STATE OF CALIFORNIA

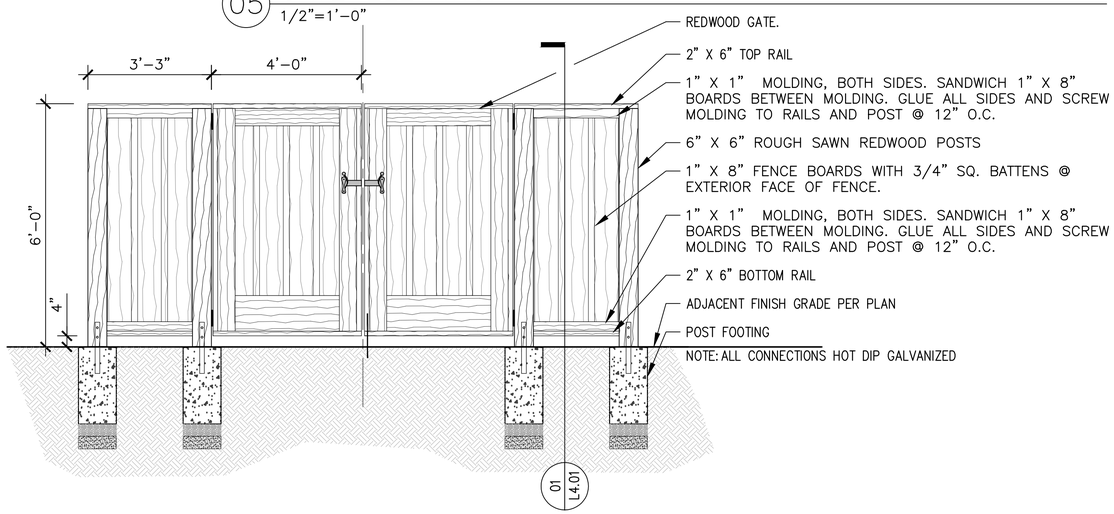
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: RC,BW	SUB SHEET NO.	TITLE OF SHEET: CONSTRUCTION DETAILS	DRAWING NO. 638 182819
CAD BW	L4.0		PMIS/PKG NO. 303051
TECH. REVIEW:		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 50 OF 200
DATE: 07–15–2022			

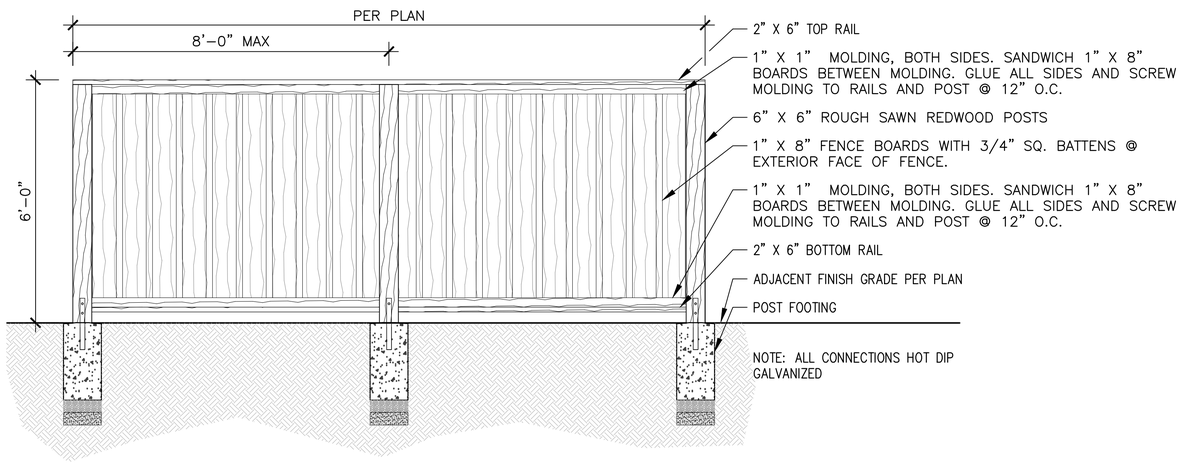
p:\ARG\arg1001 rebuild paramount ranch\4 drawingsgraphics\AutoCAD\LA\Sheets\LAYOUT\L2.0 CONSTRUCTION DETAILS.dwg | BWALKER | ANSI D (22.00 X 34.00 INCHES) | 7/28/2022



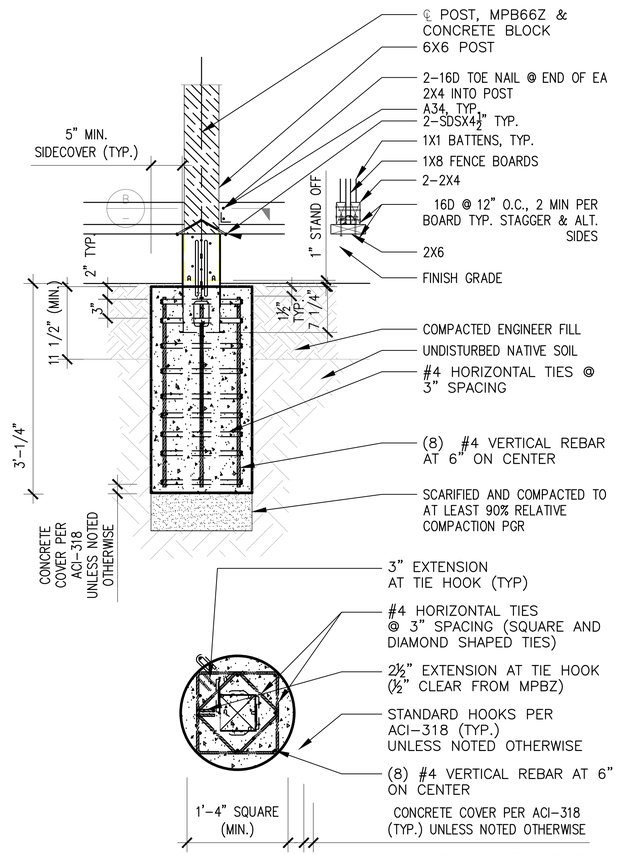
05 GATE ELEVATION
1/2"=1'-0"



04 TRANSFORMER ENCLOSURE FENCE + GATE ELEVATION
1/2"=1'-0"



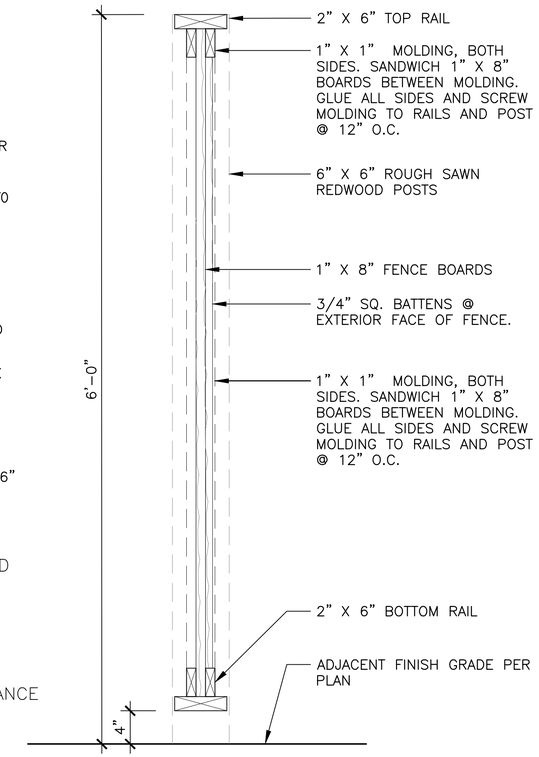
03 TRANSFORMER ENCLOSURE FENCE ELEVATION
1/2"=1'-0"



SECTION B

MPB66Z – REINFORCED CONCRETE FOOTING
FOOTING (SIZE AND REINFORCEMENT) BYDESIGNER.
STANDARD HOOK GEOMETRY IN ACCORDANCE WITH ACI 318 UNLESS NOTED OTHERWISE.

02 FENCE POST
1"=1'-0"



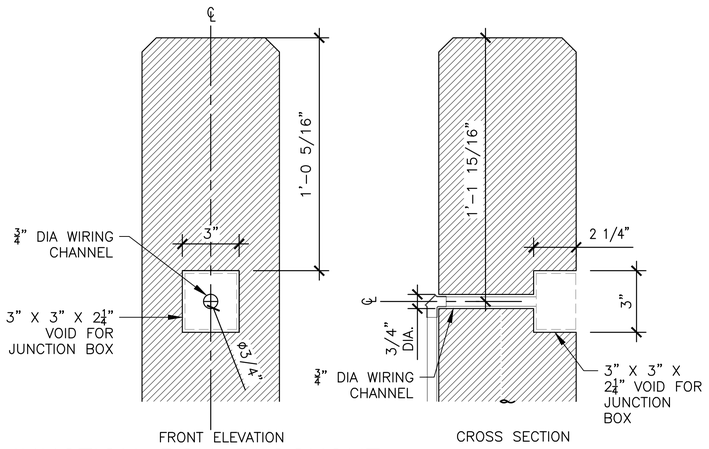
01 FENCE SECTION
1-1/2"=1'-0"

LICENSED LANDSCAPE ARCHITECT
RENE BIHAN
No. 3682
12/20/2022
07/15/2022
STATE OF CALIFORNIA

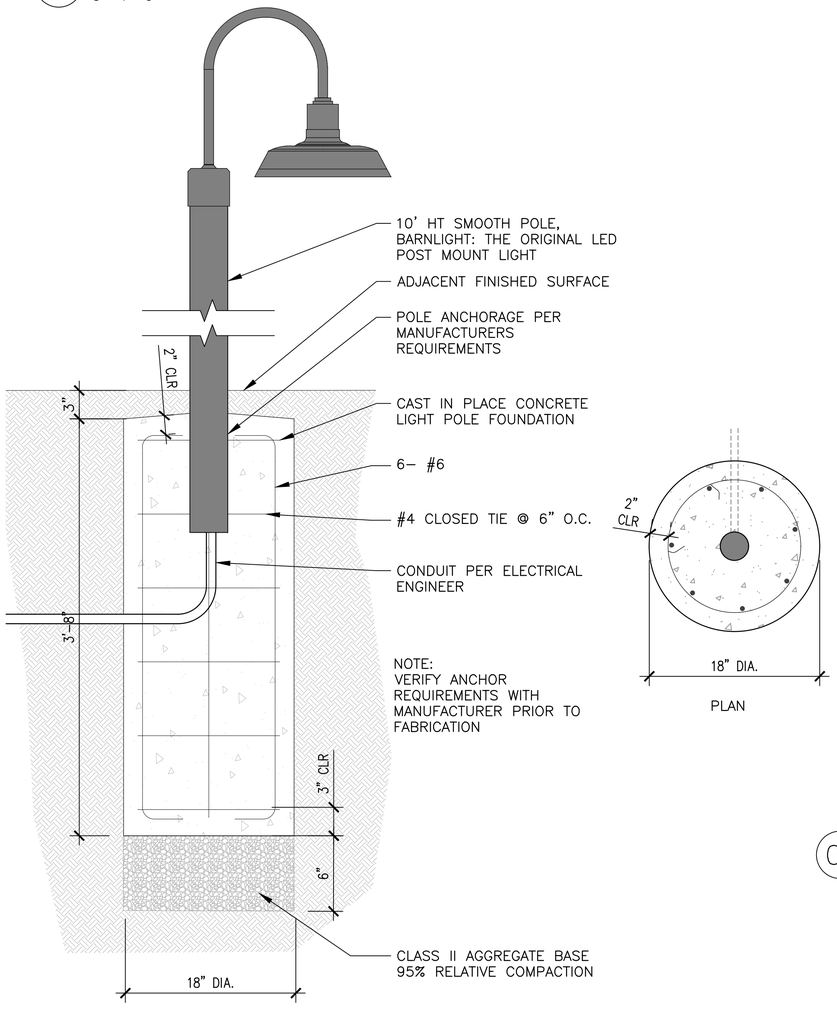
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: RC,BW / CADD BW	SUB SHEET NO. L4.1	TITLE OF SHEET: CONSTRUCTION DETAILS	DRAWING NO. 638 182819
TECH. REVIEW:			PMIS/PKG NO. 303051
DATE: 07-15-2022		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 51 OF 200

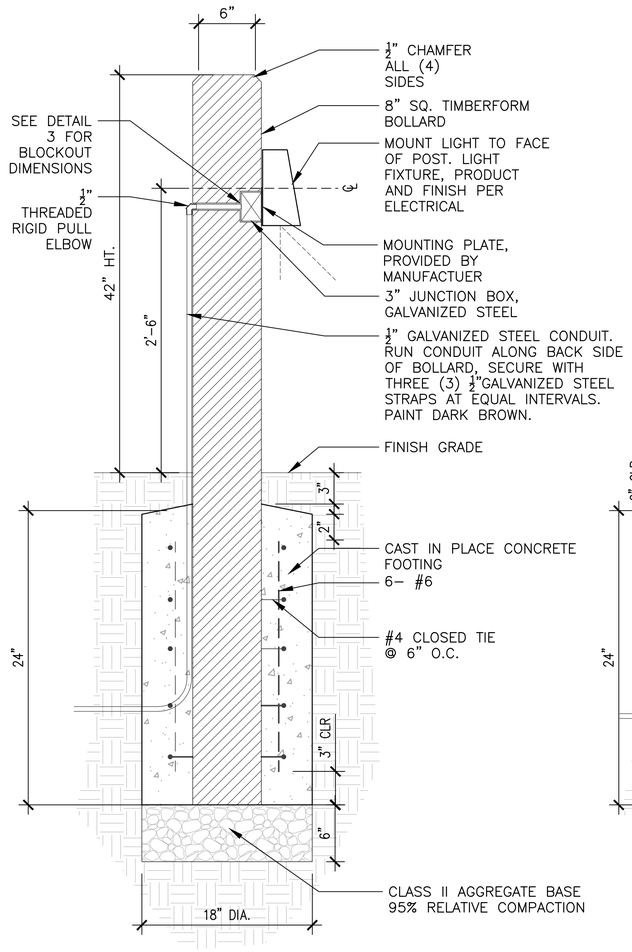
p:\ARG\argt001 rebuild paramount ranch\4 drawingsgraphics\AutoCAD\LA\Sheets\LAYOUT\L3.1 CONSTRUCTION DETAILS.dwg | BWALKER |ANSI D (22.00 X 34.00 INCHES) | 7/28/2022

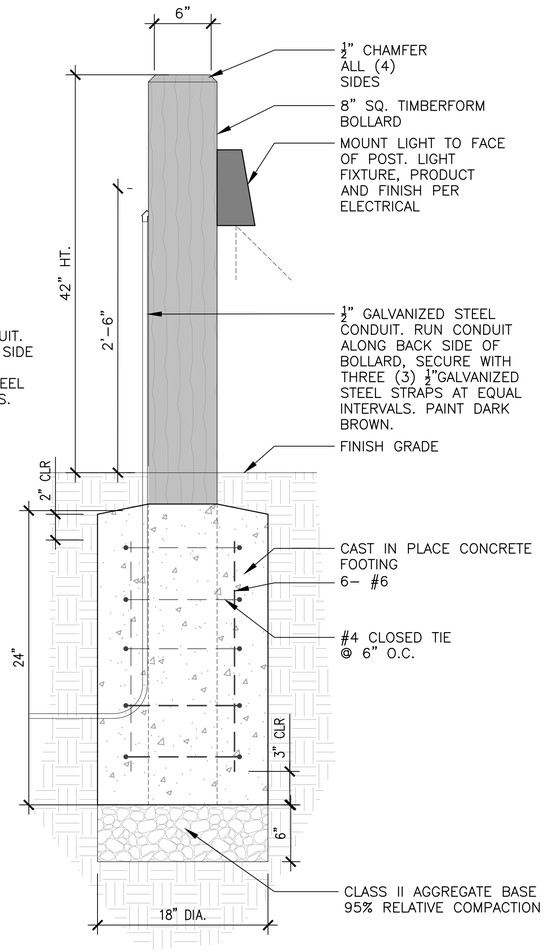


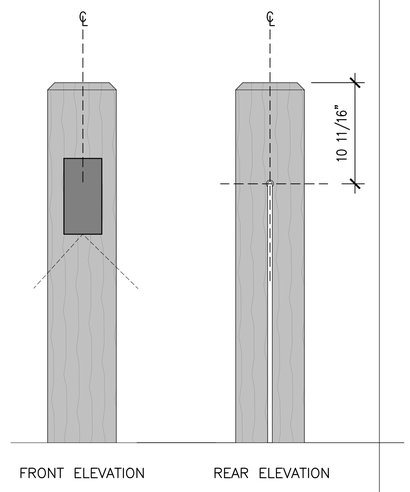
03 JUNCTION BOX BLOCKOUT
3"=1'-0"

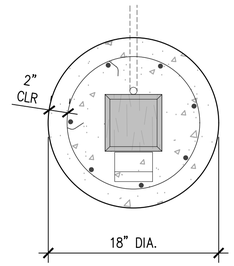


02 LIGHT POLE
1-1/2"=1'-0"







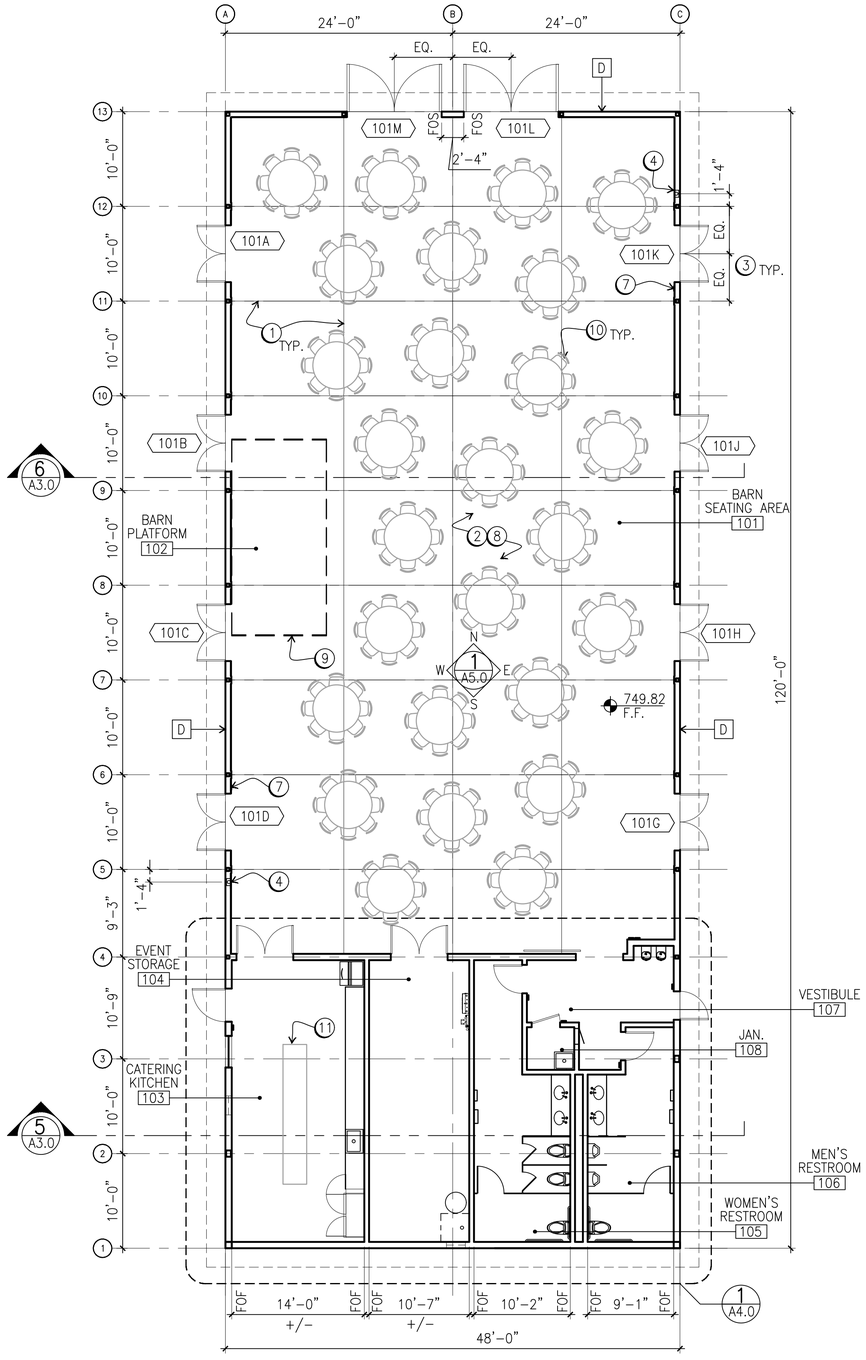


01 LIGHT BOLLARD
1-1/2"=1'-0"

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: RC,BW	SUB SHEET NO. L4.2	TITLE OF SHEET: LIGHTING DETAILS	DRAWING NO. 638 182819
DRAWN: BW			PMIS/PKG NO. 303051
TECH. REVIEW:		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 52 OF 200
DATE: 07-15-2022			

LICENSED LANDSCAPE ARCHITECT · RENE BIHAN · No. 3682 · S 12/20/2022 · R 07/15/2022 · D · STATE OF CALIFORNIA



1 A2.0 BARN FIRST FLOOR PLAN
SCALE: (K)

GENERAL FLOOR PLAN NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SHEET G5.0 EGRESS PLAN FOR OCCUPANCY
3. CONSTRUCTION TYPE: VB
4. PROVIDE AUTOMATIC FIRE-SPRINKLERS
5. REFER TO ELEVATIONS AND SECTIONS FOR EXTERIOR WALL ASSEMBLY, AND ROOF ASSEMBLY INFORMATION
6. ALL BUILDING AREAS ARE ON AN ACCESSIBLE PATH OF TRAVEL
7. SEE INTERIOR ELEVATIONS FOR ADDITIONAL FINISH INFORMATION

FLOOR PLAN KEY NOTES

(1) CRACK CONTROL JOINT LOCATIONS, SSD
(2) SEALED CONCRETE FLOOR FINISH
(3) CENTER DOUBLE DOORS ON COLUMN GRID, AT EAST AND WEST ELEVATIONS, TYP.
(4) FIRE EXTINGUISHER CABINET, SEMI-RECESSED, FINISH PER SPECIFICATION
(5) (NOT USED)
(6) (NOT USED)
(7) TACTILE EXIT DOOR SIGN, SEE G7.0
(8) OPEN TO ROOF FRAMING ABOVE, WITH CORRUGATED METAL CEILING PANELS
(9) REMOVABLE MODULAR PLATFORM, NIC
(10) LAYOUT FOR 8-TOP TABLE SEATING, NIC
(11) MOVABLE TABLE, NIC

WALL TYPES

[X] SEE SHEET A9.0 FOR WALL TYPE DETAILS

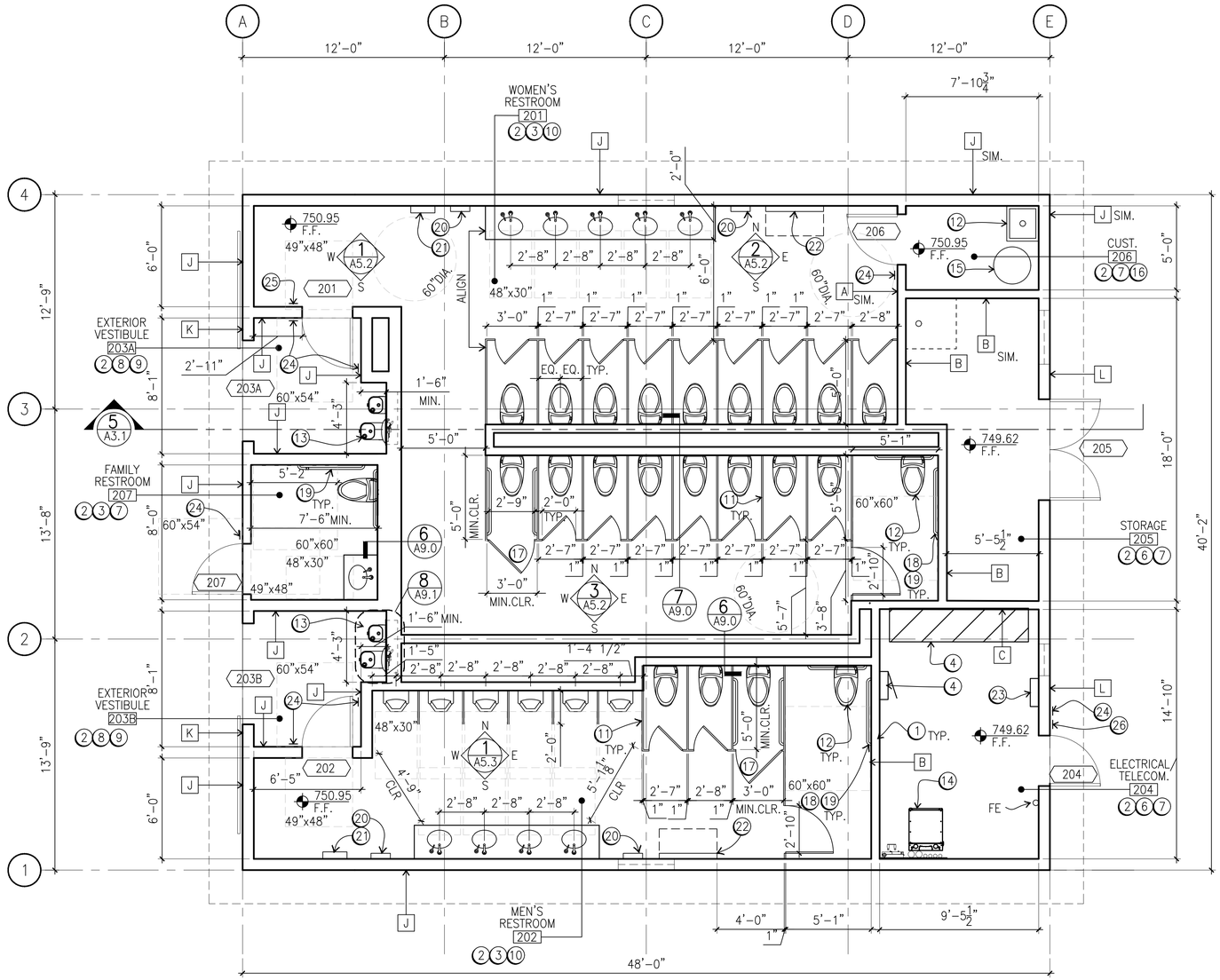
BLDG. 4"

SCALE (K) 1/8" = 1'-0"
8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
RENEW. 04-30-23
STATE OF CALIFORNIA

DESIGNED: DC, GK, JC	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD: JC, MGB	A2.0	BARN BUILDING FLOOR PLAN	638 182819
TECH. REVIEW: DC/SM			PMIS/PKG NO. 303051
DATE: 7-15-2022		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 53 OF 200



1 A2.1 RESTROOM BUILDING
SCALE: J

GENERAL FLOOR PLAN NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SHEET G5.0 EGRESS PLAN FOR OCCUPANCY
3. CONSTRUCTION TYPE: VB
4. PROVIDE AUTOMATIC FIRE SPRINKLERS
5. REFER TO ELEVATIONS AND SECTIONS FOR EXTERIOR WALL ASSEMBLY, AND ROOF ASSEMBLY INFORMATION
6. ALL BUILDING AREAS ARE ON AN ACCESSIBLE PATH OF TRAVEL, SEE G6.0 FOR FIXTURE MOUNTING DIMS.
7. SEE INTERIOR ELEVATIONS FOR ADDITIONAL FINISH INFORMATION
8. ALL CONDUITS AND PIPING ARE CONCEALED
9. DIMENSIONS ARE TO FACE OF FINISH, CL OF FIXTURE, OR TO GRIDLINE (FACE OF SHEATHING OR CENTERLINE OF FRAMING)

FLOOR PLAN KEY NOTES

1. INTERIOR PARTITIONS; NON-RATED 2X WOOD FRAMING W/ 1 LAYER TYPE X GYP BD BOTH SIDES
2. SEALED CONCRETE FLOOR FINISH
3. DECORATIVE WOOD PRINT FRP O/ MOISTURE RESISTANT GYP BD
4. ELECTRICAL EQUIPMENT, SED
5. PAINTED MOISTURE RESISTANT GYP BD
6. PAINTED HIGH IMPACT GYP BD
7. FRAMED CEILING W/ PAINTED GYP BD FINISH
8. CEMENT BOARD WALL FINISH
9. CEMENT BOARD CEILING FINISH OVER FRAMED CEILING
10. FRAMED CEILING, W/ CORRUGATED METAL CEILING PANELS
11. SOLID PLASTIC TOILET COMPARTMENT PARTITION
12. PLUMBING FIXTURE, SPD
13. DRINKING FOUNTAIN
14. TELECOM EQUIPMENT, STD
15. WATER HEATER, SPD
16. FRP O/ MOISTURE RESISTANT GYP BD
17. AMBULATORY-ACCESSIBLE COMPARTMENT, PROVIDE 32" CLEAR OUT-SWINGING COMPARTMENT DOOR
18. WHEELCHAIR-ACCESSIBLE COMPARTMENT, PROVIDE 32" CLEAR IN-SWINGING COMPARTMENT DOOR
19. GRAB BARS, SEE G6.0 FOR DIMENSION REQUIREMENTS
20. HAND DRYER
21. WASTE RECEPTACLE
22. BABY CHANGING STATION
23. FIRE ALARM CONTROL PANEL, SFPD
24. ROOM ID SIGN, SEE G7.0
25. TACTILE EXIT DOOR SIGN, SEE G7.0
26. FACP SIGN, SEE SFPD

WALL TYPES

X SEE SHEET A9.0 FOR WALL TYPE DETAILS

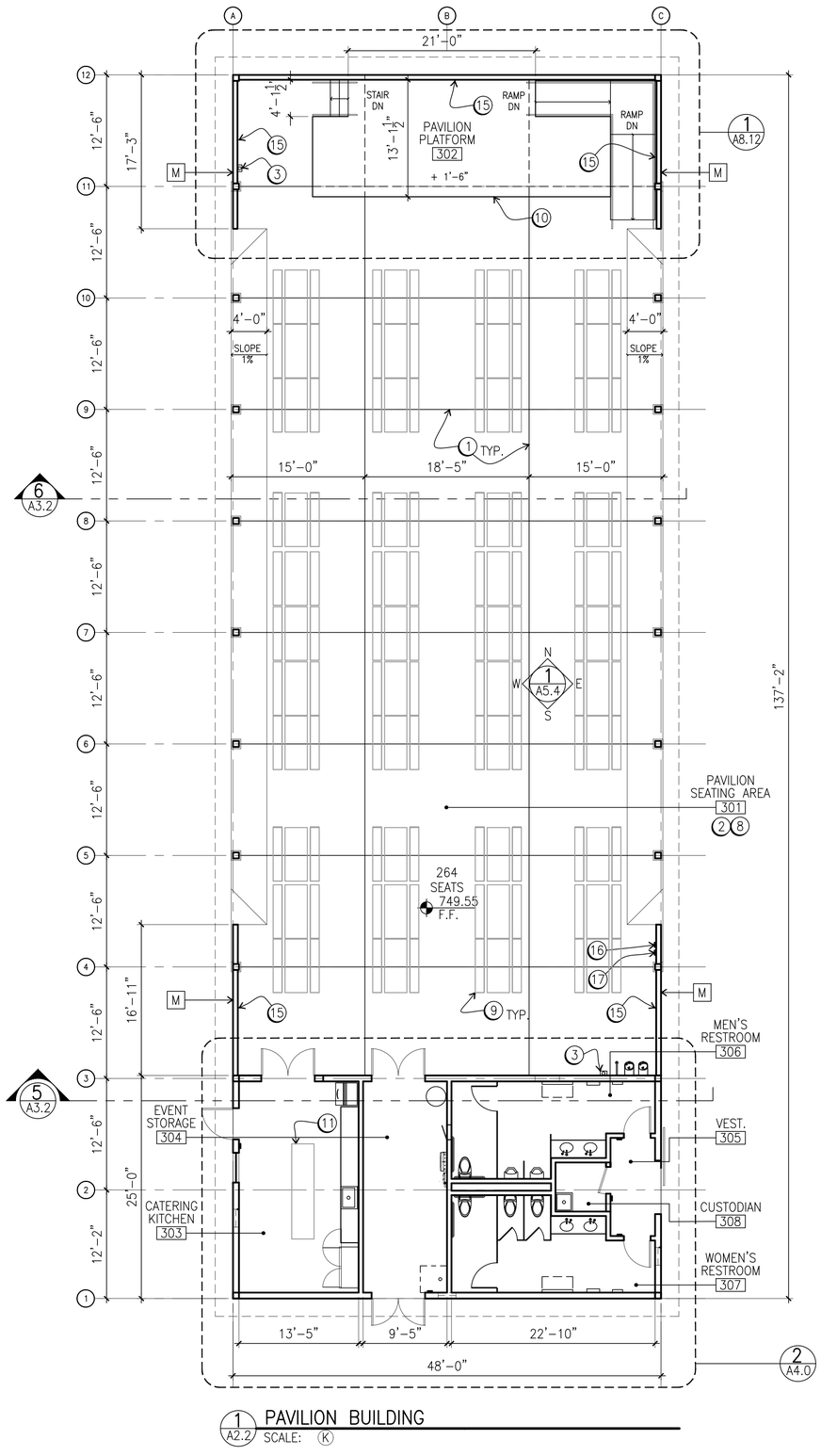
BLDG. 4°

SCALE J 1/4" = 1'-0"
4 0 4 8
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04-30-23 STATE OF CALIFORNIA

DESIGNED: DC, GK, JC CADD JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A2.1	TITLE OF SHEET: RESTROOM BUILDING FLOOR PLAN SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 54 OF 200



1 A2.2 PAVILION BUILDING
SCALE: K

GENERAL FLOOR PLAN NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SHEET G5.0 EGRESS PLAN FOR OCCUPANCY
3. CONSTRUCTION TYPE: VB & IV HEAVY TIMBER
4. PROVIDE AUTOMATIC FIRE-SPRINKLERS
5. REFER TO ELEVATIONS AND SECTIONS FOR EXTERIOR WALL ASSEMBLY, AND ROOF ASSEMBLY INFORMATION
6. ALL BUILDING AREAS ARE ON AN ACCESSIBLE PATH OF TRAVEL
7. SEE INTERIOR ELEVATIONS FOR ADDITIONAL FINISH INFORMATION

FLOOR PLAN KEY NOTES

1. CRACK CONTROL JOINT LOCATIONS, SSD
2. SEALED CONCRETE FLOOR FINISH
3. FIRE EXTINGUISHER CABINET, SURFACE MOUNTED, SEE SPECIFICATION FOR FINISH
4. (NOT USED)
5. (NOT USED)
6. (NOT USED)
7. (NOT USED)
8. OPEN TO ROOF FRAMING ABOVE, W/ CEMENT BOARD AT BOTTOM FACE OF ROOF DECK
9. LAYOUT FOR PICNIC TABLE SEATING, NIC
10. PLATFORM, HEAVY TIMBER CONSTRUCTION
11. MOVABLE TABLE, NIC
12. (NOT USED)
13. (NOT USED)
14. (NOT USED)
15. CEMENT BOARD WALL FINISH OVER FIRE-RETARDANT-TREATED WOOD FRAMING
16. MAX OCCUPANT LOAD SIGN, SEE G7.0
17. ASSISTED LISTENING SIGN, SEE G7.0

WALL TYPES

[X] SEE SHEET A9.0 FOR WALL TYPE DETAILS

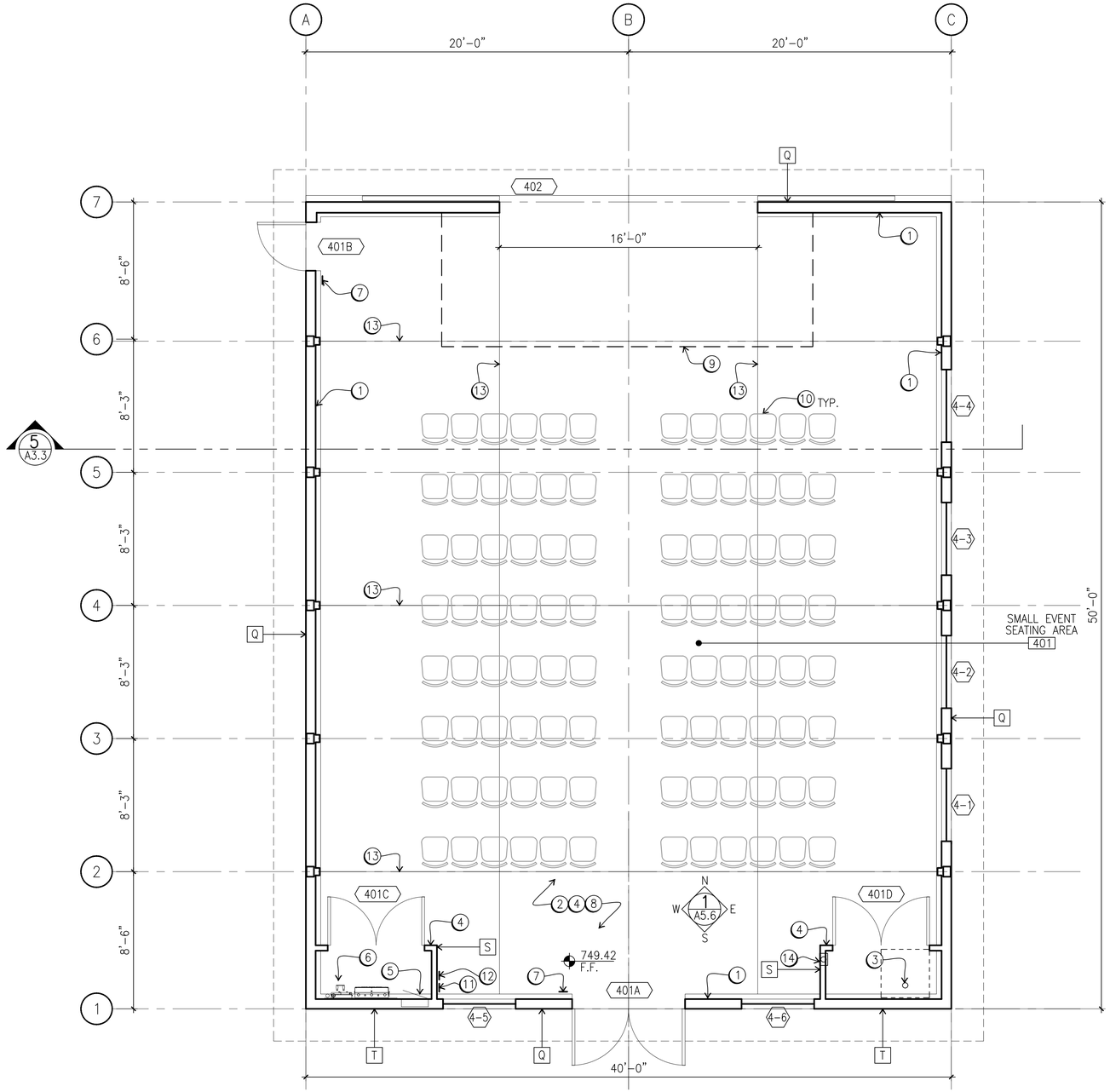
BLDG. 4°

SCALE (K) 1/8" = 1'-0" 8 0 8 16 SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04-30-23 STATE OF CALIFORNIA

DESIGNED: DC, GK, JC	SUB SHEET NO. A2.2	TITLE OF SHEET: PAVILION BUILDING FLOOR PLAN	DRAWING NO. 638 182819
CADD: JC, MGB		SAMO- REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	PMIS/PKG NO. 303051
TECH. REVIEW: DC/SM			SHEET 55 OF 200
DATE: 7-15-2022			



1 A2.3 SMALL EVENT BUILDING
SCALE: J

GENERAL FLOOR PLAN NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SHEET T5.0 EGRESS PLAN FOR OCCUPANCY
3. CONSTRUCTION TYPE: VB
4. PROVIDE AUTOMATIC FIRE SPRINKLERS
5. REFER TO ELEVATIONS AND SECTIONS FOR EXTERIOR WALL ASSEMBLY, AND ROOF ASSEMBLY INFORMATION
6. ALL BUILDING AREAS ARE ON AN ACCESSIBLE PATH OF TRAVEL
7. SEE INTERIOR ELEVATIONS FOR ADDITIONAL FINISH INFORMATION

FLOOR PLAN KEY NOTES

1. 1-HR WALL CONSTRUCTION W/ WOOD PLANK FINISH OVER TYPE X GYP BD.
2. SEALED CONCRETE FLOOR FINISH
3. FIRE SPRINKLER RISER, SFPD
4. PAINTED WOOD PLANK WALL FINISH
5. ELECTRICAL PANEL, SED
6. TELECOM EQUIPMENT, STD
7. TACTILE EXIT DOOR SIGN, SEE G7.0
8. OPEN TO ROOF FRAMING ABOVE, WITH CORRUGATED METAL CEILING PANELS
9. REMOVABLE MODULAR PLATFORM, NIC
10. LAYOUT FOR MOVABLE CHAIR SEATING, NIC
11. ASSISTED LISTENING SIGN, SEE G7.00.
12. MAX OCCUPANT LOAD SIGN, SEE G7.00.
13. CRACK CONTROL JOINT LOCATION, SSD
14. FIRE EXTINGUISHER CABINET, RECESSED, SEE SPECIFICATION FOR FINISH

WALL TYPES

X SEE SHEET A9.0 FOR WALL TYPE DETAILS

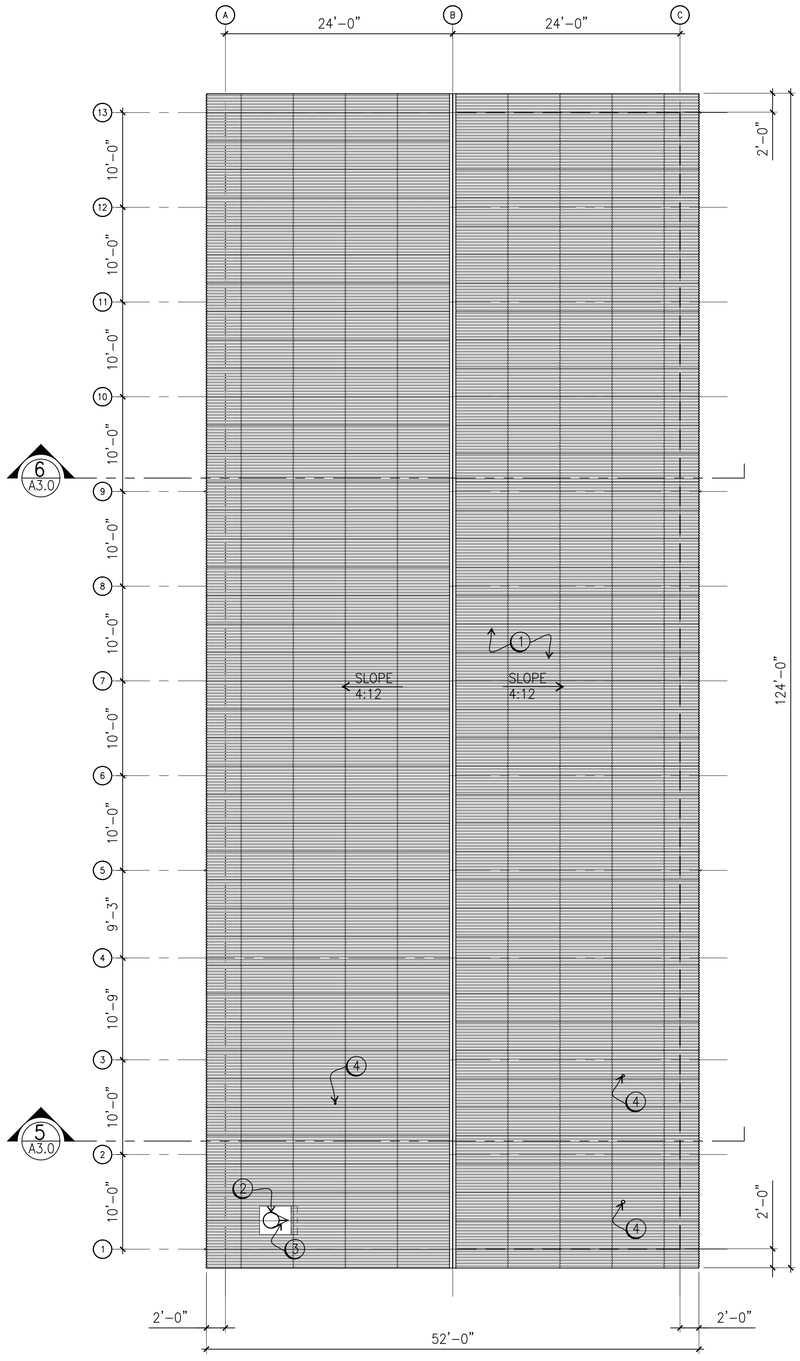
BLDG. 4°

SCALE J 1/4" = 1'-0"
4 0 4 8
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA

DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A2.3	TITLE OF SHEET: SMALL EVENT BLDG. FLOOR PLAN SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 56 OF 200



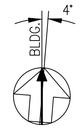
1 A2.4 BARN ROOF PLAN
SCALE: Ⓚ

GENERAL ROOF PLAN NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.

ROOF PLAN KEY NOTES

1. CLASS A ROOF ASSEMBLY, B.O.D. UL TGFU.R15206; CLASS A CORRUGATED METAL ROOF PANELS, OVER CLASS A ROOFING MEMBRANE, 1/2" CLASS A PROTECTION BOARD, AND CLASS A PLY WD FACED RIGID INSULATION COMPOSITE PANEL, ON PLY WD SHEATHING DECK PER STRUCTURAL
2. EXHAUST FAN, SMD.
3. CRICKET, SHEET METAL FLASHING, OVER TAPERED RIGID INSULATION
4. PLUMBING VENT, SPD



SCALE Ⓚ 1/8" = 1'-0"
8 0 8 16
SCALE OF FEET

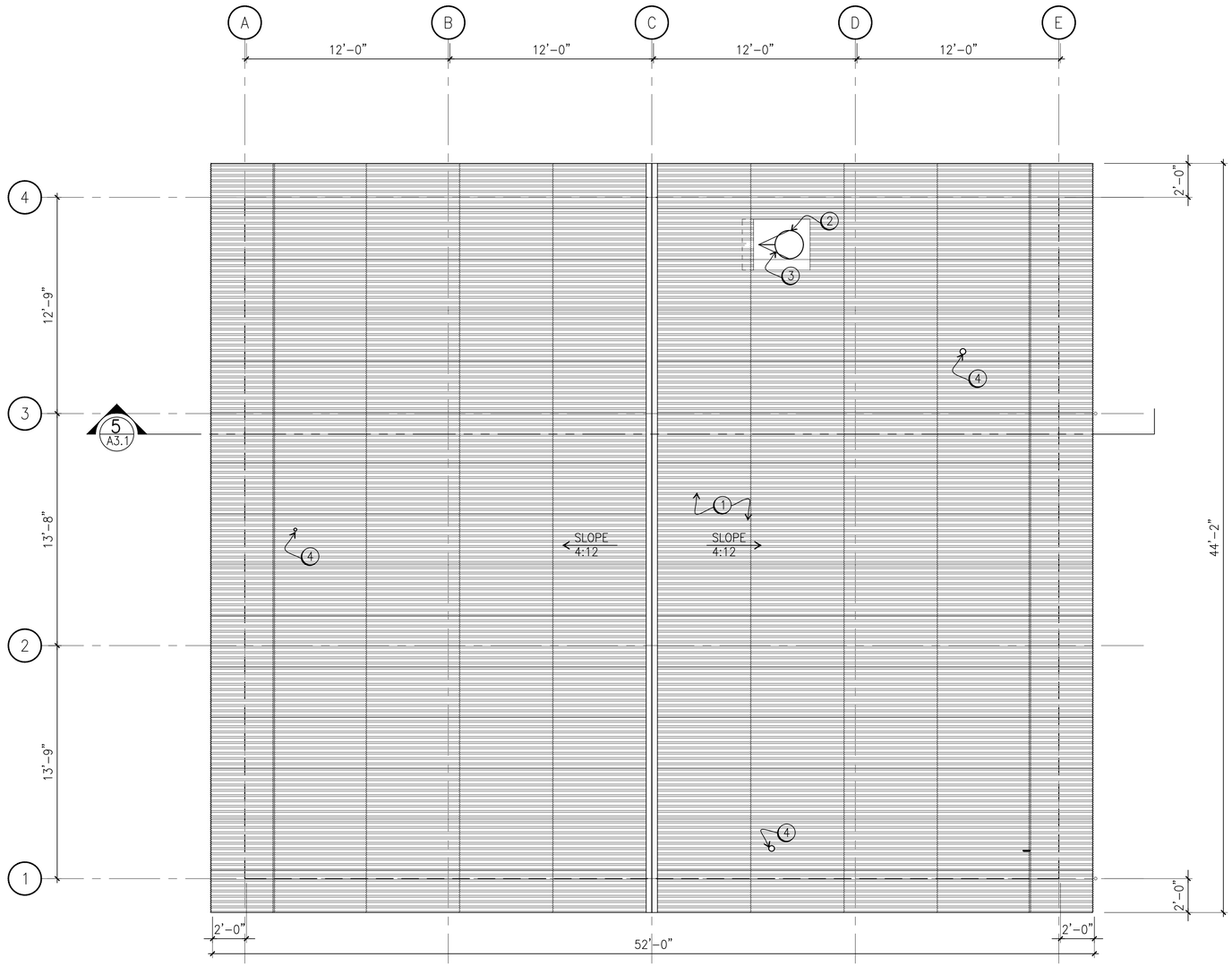
LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A2.4	TITLE OF SHEET: BARN BUILDING ROOF PLAN SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 57 OF 200

GENERAL ROOF PLAN NOTES

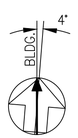
1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.



1 A2.5 RESTROOM BUILDING ROOF PLAN
SCALE: (J)

ROOF PLAN KEY NOTES

1. CLASS A ROOF ASSEMBLY, B.O.D. UL TGFU.R15206; CLASS A CORRUGATED METAL ROOF PANELS, OVER CLASS A ROOFING MEMBRANE, 1/2" CLASS A PROTECTION BOARD, AND CLASS A PLY WD FACED RIGID INSULATION COMPOSITE PANEL, ON PLY WD SHEATHING DECK PER STRUCTURAL
2. EXHAUST FAN, SMD.
3. CRICKET, SHEET METAL FLASHING, OVER TAPERED RIGID INSULATION.
4. PLUMBING VENT, SPD.

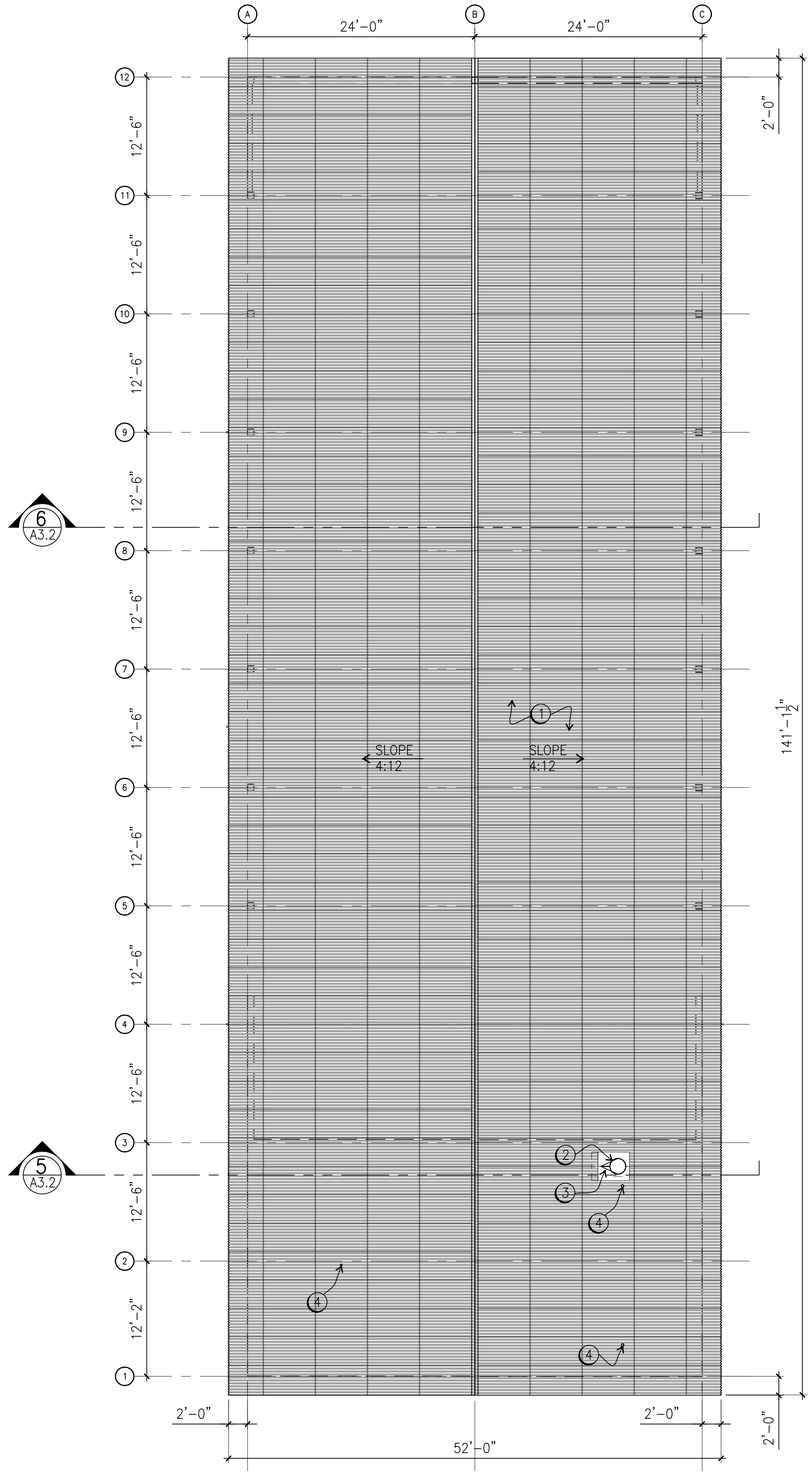


SCALE (J) 1/4" = 1'-0"
4 0 4 8
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA

DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A2.5	TITLE OF SHEET: RESTROOM BUILDING ROOF PLAN SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 58 OF 200



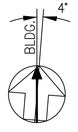
1 A2.6 PAVILION ROOF PLAN
SCALE: (K)

GENERAL ROOF PLAN NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.

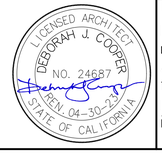
ROOF PLAN KEY NOTES

1. CLASS A ROOF ASSEMBLY, B.O.D. UL TGFU.R15206; CLASS A CORRUGATED METAL ROOF PANELS, OVER CLASS A ROOFING MEMBRANE, 1/2" CLASS A PROTECTION BOARD, AND CLASS A PLY WD FACED RIGID INSULATION COMPOSITE PANEL, ON PLY WD SHEATHING DECK PER STRUCTURAL
2. EXHAUST FAN, SMD
3. CRICKET, SHEET METAL FLASHING, OVER TAPERED RIGID INSULATION
4. PLUMBING VENT, SPD

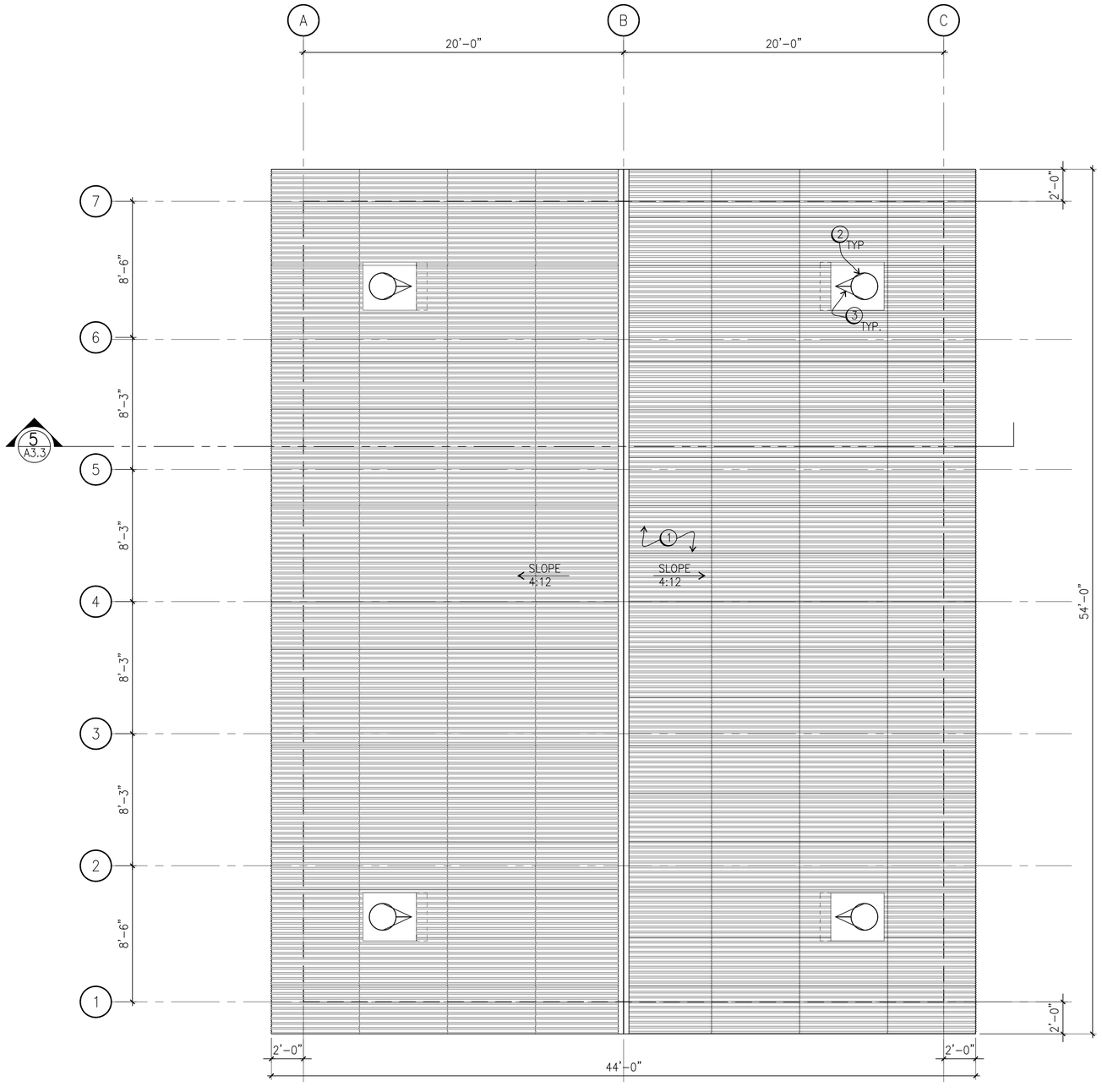


SCALE (K) 1/8" = 1'-0"
8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS



DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A2.6	TITLE OF SHEET: PAVILION BUILDING ROOF PLAN SAMO– REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 59 OF 200



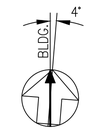
1 A2.7 SMALL EVENT BUILDING ROOF PLAN
SCALE: J

GENERAL ROOF PLAN NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.

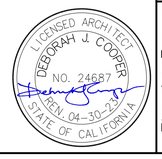
ROOF PLAN KEY NOTES

1. CLASS A ROOF ASSEMBLY, B.O.D. UL TGFU.R15206; CLASS A CORRUGATED METAL ROOF PANELS, OVER CLASS A ROOFING MEMBRANE, 1/2" CLASS A PROTECTION BOARD, AND CLASS A PLY WD FACED RIGID INSULATION COMPOSITE PANEL, ON PLY WD SHEATHING DECK PER STRUCTURAL
2. INTAKE LOUVER, SMD.
3. CRICKET, SHEET METAL FLASHING, OVER TAKERED RIGID INSULATION.



SCALE J 4 0 4 8
1/4" = 1'-0" SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS



DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A2.7	TITLE OF SHEET SMALL EVENT BLDG. ROOF PLAN SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 60 OF 200

DOOR SCHEDULE

DOOR NO.	ROOM NAME	(E)/(N)	TYPE	DOOR SIZE (W x H)	DOOR MAT.	DOOR FINISH	DOOR THICK.	FRAME MAT.	FRAME FINISH	GLAZING	HARDWARE GROUP	RATING	HEAD	JAMB	THRESHOLD	REMARK
BARN BUILDING																
101A	BARN SEATING AREA	(N)	DD	6'-0" x 8'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	1	NR	2/A8.7	3/A8.7	1/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
101B	BARN SEATING AREA	(N)	DD	6'-0" x 8'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	1	NR	2/A8.7	3/A8.7	1/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
101C	BARN SEATING AREA	(N)	DD	6'-0" x 8'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	1	NR	2/A8.7	3/A8.7	1/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
101D	BARN SEATING AREA	(N)	DD	6'-0" x 8'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	1	NR	2/A8.7	3/A8.7	1/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
101E	BARN SEATING AREA	(N)	DD	6'-0" x 8'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	15	NR	9/A9.0	9/A9.0	N/A	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
101F	BARN SEATING AREA	(N)	DD	6'-0" x 8'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	11	NR	9/A9.0	9/A9.0	N/A	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
101G	BARN SEATING AREA	(N)	DD	6'-0" x 8'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	1	NR	2/A8.7	3/A8.7	1/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
101H	BARN SEATING AREA	(N)	DD	6'-0" x 8'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	1	NR	2/A8.7	3/A8.7	1/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
101J	BARN SEATING AREA	(N)	DD	6'-0" x 8'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	1	NR	2/A8.7	3/A8.7	1/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
101K	BARN SEATING AREA	(N)	DD	6'-0" x 8'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	1	NR	2/A8.7	3/A8.7	1/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
101L	BARN SEATING AREA	(N)	KK	10'-0" x 12'-0"	MTL	PT-A	3"	MTL	PT-A	N/A	7	NR	7/A8.8	7/A8.8	1/A8.7, SIM.	CUSTOM OVERSIZED MTL SWING DOOR, WITH CMNT BD CLADDING AT EXT, & INT, PROVIDE SURFACE CREMONE BOLT HARDWARE AT INTERIOR
101M	BARN SEATING AREA	(N)	KK	10'-0" x 12'-0"	MTL	PT-A	3"	MTL	PT-A	N/A	7	NR	7/A8.8	7/A8.8	1/A8.7, SIM.	CUSTOM OVERSIZED MTL SWING DOOR, WITH CMNT BD CLADDING AT EXT, & INT, PROVIDE SURFACE CREMONE BOLT HARDWARE AT INTERIOR
103	CATERING KITCHEN	(N)	C	3'-6" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	8	NR	13/A8.7	13/A8.7	1/A8.7	2-3/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 1/2" T&G CEDAR FACING EA. SIDE
105	WOMEN'S RESTROOM	(N)	A	3'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	16	NR	8/A9.0	8/A9.0	N/A	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
106	MEN'S RESTROOM	(N)	A	3'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	16	NR	8/A9.0	8/A9.0	N/A	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
107A	VESTIBULE	(N)	H	5'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	17	NR	13/A9.0	13/A9.0	N/A	2-3/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 1/2" T&G CEDAR FACING EA. SIDE
107B	VESTIBULE	(N)	A	3'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	8	NR	13/A8.7	13/A8.7	1/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
108	JANITOR RM	(N)	A	3'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	14	NR	8/A9.0	8/A9.0	N/A	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
RESTROOM BUILDING																
201	WOMEN'S RESTROOM	(N)	A	3'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	10	NR	2/A8.8	3/A8.8	1/A8.8	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
202	MEN'S RESTROOM	(N)	A	3'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	10	NR	2/A8.8	3/A8.8	1/A8.8	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
203A	EXTERIOR VESTIBULE	(N)	G	6'-0" x 7'-0"	WD	PT-A	1-3/4"MIN.	WD	PT-A	N/A	17	NR	6/A8.8	4/A8.8	5/A8.8	CLAD IN CMNT BD AT EXTERIOR FACE, TO MATCH EXTERIOR WALL FINISH
203B	EXTERIOR VESTIBULE	(N)	G	6'-0" x 7'-0"	WD	PT-A	1-3/4"MIN.	WD	PT-A	N/A	17	NR	6/A8.8	4/A8.8	5/A8.8	CLAD IN CMNT BD AT EXTERIOR FACE, TO MATCH EXTERIOR WALL FINISH
204	ELECTRICAL/TELECOM RM	(N)	A	3'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	3	NR	2/A8.8	3/A8.8	1/A8.8	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
205	STORAGE	(N)	AA	6'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	5	NR	2/A8.8	3/A8.8	1/A8.8	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
206	CUSTODIAN ROOM	(N)	A	3'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	14	NR	8/A9.0	8/A9.0	N/A	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
207	FAMILY RESTROOM	(N)	A	3'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	9	NR	2/A8.8	3/A8.8	1/A8.8	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
PAVILION BUILDING																
301A	PAVILION SEATING AREA	(N)	AA	6'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	15.5	NR	7/A8.7	9/A8.7	8/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
301B	PAVILION SEATING AREA	(N)	AA	6'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	13	NR	7/A8.7	9/A8.7	8/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
303	CATERING KITCHEN	(N)	C	3'-6" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	8	NR	7/A8.7	9/A8.7	8/A8.7	2-3/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 1/2" T&G CEDAR FACING EA. SIDE
304	EVENT STORAGE	(N)	EE	6'-0" x 8'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	6	NR	7/A8.7	9/A8.7	8/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
305	VESTIBULE	(N)	J	6'-0" x 9'-0"	WD	PT-A	1-3/4"MIN.	WD	PT-A	N/A	17	NR	10/A8.7	12/A8.7	11/A8.7	CLAD IN CEMENT BOARD AT EXTERIOR FACE, TO MATCH EXTERIOR WALL FINISH
306	MEN'S RESTROOM	(N)	A	3'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	16	NR	7/A8.7	9/A8.7	8/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
307	WOMEN'S RESTROOM	(N)	A	3'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	16	NR	7/A8.7	9/A8.7	8/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
308	CUSTODIAN RM	(N)	A	3'-0" x 7'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	14	NR	7/A8.7	9/A8.7	8/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
SMALL EVENT BUILDING																
401A	SMALL EVENT SEATING AREA	(N)	FF	7'-0" x 10'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	2	NR	4/A8.7	6/A8.7	5/A8.7	
401B	SMALL EVENT SEATING AREA	(N)	B	3'-0" x 8'-0"	WD	ST-1	1-3/4"MIN.	WD	ST-1	N/A	4	NR	4/A8.7	6/A8.7	5/A8.7	3-1/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 3/4" STILE & RAIL FACING, AND 1/2" T&G CEDAR FACING EA. SIDE
401C	SMALL EVENT SEATING AREA	(N)	CC	6'-0" x 7'-0"	WD	PT-1	1-3/4"MIN.	WD	PT-1	N/A	12	NR	4/A8.7	6/A8.7	5/A8.7	2-3/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 1/2" T&G CEDAR FACING EA. SIDE
401D	SMALL EVENT SEATING AREA	(N)	CC	6'-0" x 7'-0"	WD	PT-1	1-3/4"MIN.	WD	PT-1	N/A	12	NR	4/A8.7	6/A8.7	5/A8.7	2-3/4" TOTAL THICKNESS: 1-3/4" SOLID CORE WOOD, WITH 1/2" T&G CEDAR FACING EA. SIDE
402	SMALL EVENT SEATING AREA	(N)	LL	17'-0" x 10'-9"	MTL	PT-A	3"	MTL	PT-A	N/A	18	NR	10/A8.8	8/A8.8	9/A8.8	CUSTOM OVERSIZED MTL BI-PARTING SLIDING DOOR, WITH CMNT BD CLADDING AT EXT, & INT. PROVIDE LOCKABLE CANE BOLTS WITH DUST-PROOF STRIKES, BOTH LEAFS

ABBREVIATIONS

(E) EXISTING
(N) NEW
(R) RELOCATED

NR NON-RATED

ST STAIN
SG SAFETY GLASS
RG RATED GLASS

WD WOOD
MTL METAL
PT PAINT

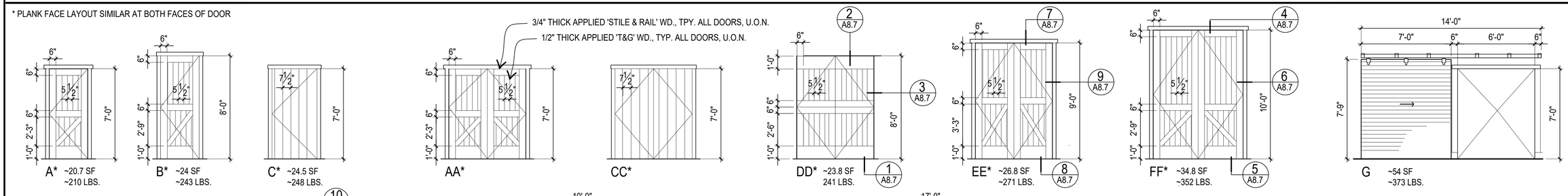
CMNT BD CEMENT FIBER BOARD

GENERAL NOTES

1. CONTRACTOR TO ENSURE PROPER WORKING ORDER AND WEATHERTIGHTNESS.
2. DOOR SIZES SHOWN ARE NOMINAL. CONTRACTOR TO COORDINATE ALL ROUGH OPENING DIMENSIONS
3. CONTRACTOR SHALL STAIN OR PAINT ALL DOORS PER SCHEDULE, FINISH INTERIOR AND EXTERIOR SURFACE AT ALL 6 SIDES, TYP., U.O.N..

DOOR TYPES

* PLANK FACE LAYOUT SIMILAR AT BOTH FACES OF DOOR



100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: DC, GK, JC	SUB SHEET NO.	TITLE OF SHEET: DOOR SCHEDULE	DRAWING NO. 638 182819
CADD JC, MGB	A2.8		PMIS/PKG NO. 303051
TECH. REVIEW: DC/SM		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 61 OF 200
DATE: 7-15-2022			

WINDOW SCHEDULE

WINDOW NO.	ROOM NAME	TYPE	WINDOW SASH				FRAME			GLAZING	RATING	REMARK
			(E)/(N)	SIZE (W x H)	MAT.	FINISH	(E)/(N)	MAT.	FINISH			
BARN BUILDING												
1-1	CATERING KITCHEN	A	(N)	2'-6" X 3'-0"	WD	ST-1	(N)	WD	ST-1	CL, T	NR	-
PAVILION BUILDING												
3-1	CATERING KITCHEN	A	(N)	2'-6" X 3'-0"	WD	ST-1	(N)	WD	ST-1	CL, T	NR	-
SMALL EVENT BUILDING												
4-1	SMALL EVENT SEATING AREA	B	(N)	4'-6" X 4'-0"	WD	ST-1	(N)	WD	ST-1	CL, T	NR	-
4-2	SMALL EVENT SEATING AREA	B	(N)	4'-6" X 4'-0"	WD	ST-1	(N)	WD	ST-1	CL, T	NR	-
4-3	SMALL EVENT SEATING AREA	B	(N)	4'-6" X 4'-0"	WD	ST-1	(N)	WD	ST-1	CL, T	NR	-
4-4	SMALL EVENT SEATING AREA	B	(N)	4'-6" X 4'-0"	WD	ST-1	(N)	WD	ST-1	CL, T	NR	-
4-5	SMALL EVENT SEATING AREA	C	(N)	4'-6" X 8'-0"	WD	ST-1	(N)	WD	ST-1	CL, T	NR	-
4-6	SMALL EVENT SEATING AREA	C	(N)	4'-6" X 8'-0"	WD	ST-1	(N)	WD	ST-1	CL, T	NR	-

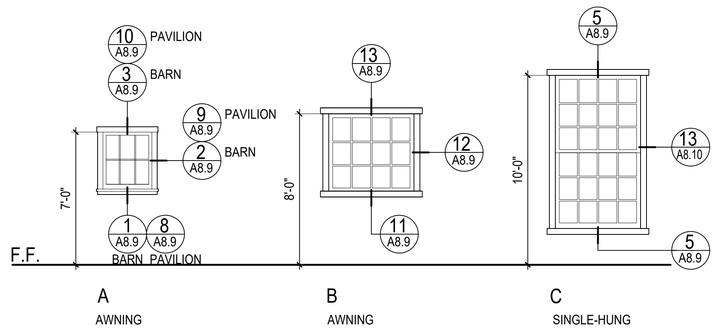
ABBREVIATIONS

(E) EXISTING
(N) NEW
NR NON-RATED
CL CLEAR
PT PAINT
ST STAINED
STL STEEL
T TEMPERED
SG SAFETY GLASS
WD WOOD

GENERAL NOTES

1. CONTRACTOR TO ENSURE PROPER WORKING ORDER AND WEATHERTIGHTNESS.
2. WINDOW SIZES SHOWN ARE NOMINAL. CONTRACTOR TO COORDINATE ALL ROUGH OPENING DIMENSIONS

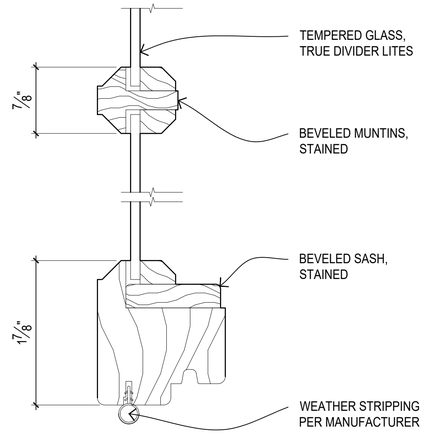
WINDOW TYPES



A
AWNING

B
AWNING

C
SINGLE-HUNG

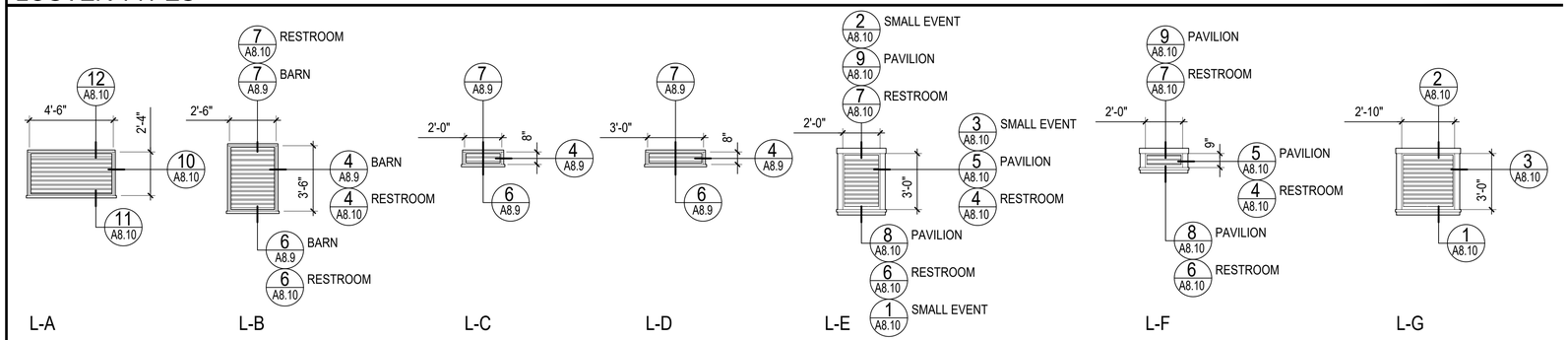


1 A2.9 TYPICAL WINDOW SASH & MUNTIN DETAILS
SCALE: A
XA-EXTERIOR DETAILS

LOUVER SCHEDULE

LOUVER NO.	ROOM NAME	TYPE	LOUVER				RATING	REMARK
			(E)/(N)	SIZE (W x H)	MAT.	FINISH		
BARN BUILDING								
L1-1	101 SEATING AREA	L-A	(N)	4'-6" X 2'-4"	MTL	PT	NR	50% MIN NFA, WITH MAX. 1/4" NON-COMBUSTIBLE CORROSION RESISTANT MESH, PROVIDE LOUVER WITH DAMPER, SMD.
L1-2	ABOVE 104 STORAGE	L-B	(N)	2'-6" X 3'-6"	MTL	PT	NR	50% MIN NFA, WITH MAX. 1/4" NON-COMBUSTIBLE CORROSION RESISTANT MESH
L1-3	ABOVE 103 CATERING KITCHEN	L-C	(N)	2'-0" X 0'-8"	MTL	PT	NR	50% MIN NFA, WITH MAX. 1/4" NON-COMBUSTIBLE CORROSION RESISTANT MESH, PROVIDE LOUVER WITH DAMPER, SMD.
L1-4	ABOVE 107 VESTIBULE	L-D	(N)	3'-0" X 0'-8"	MTL	PT	NR	50% MIN NFA, WITH MAX. 1/4" NON-COMBUSTIBLE CORROSION RESISTANT MESH
RESTROOM BUILDING								
L2-1	ABOVE 201 WOMEN'S RESTROOM	L-B	(N)	2'-6" X 3'-6"	MTL	PT	NR	50% MIN NFA, WITH MAX. 1/4" NON-COMBUSTIBLE CORROSION RESISTANT MESH
L2-2	ABOVE 202 MEN'S RESTROOM	L-E	(N)	2'-0" X 3'-0"	MTL	PT	NR	50% MIN NFA, WITH MAX. 1/4" NON-COMBUSTIBLE CORROSION RESISTANT MESH
L2-3	ABOVE 205 STORAGE	L-F	(N)	2'-0" X 0'-9"	MTL	PT	NR	50% MIN NFA, WITH MAX. 1/4" NON-COMBUSTIBLE CORROSION RESISTANT MESH
L2-4	ABOVE 204 ELECTRICAL/ TELECOM	L-F	(N)	2'-0" X 0'-9"	MTL	PT	NR	50% MIN NFA, WITH MAX. 1/4" NON-COMBUSTIBLE CORROSION RESISTANT MESH
PAVILION BUILDING								
L3-1	ABOVE 304 STORAGE	L-E	(N)	2'-0" X 3'-0"	MTL	PT	NR	50% MIN NFA, WITH MAX. 1/4" NON-COMBUSTIBLE CORROSION RESISTANT MESH
L3-2	ABOVE 303 CATERING KITCHEN	L-F	(N)	2'-0" X 0'-9"	MTL	PT	NR	50% MIN NFA, WITH MAX. 1/4" NON-COMBUSTIBLE CORROSION RESISTANT MESH, PROVIDE LOUVER WITH DAMPER, SMD.
L3-3	ABOVE 307 WOMEN'S RESTROOM	L-F	(N)	2'-0" X 0'-9"	MTL	PT	NR	50% MIN NFA, WITH MAX. 1/4" NON-COMBUSTIBLE CORROSION RESISTANT MESH
SMALL EVENT BUILDING								
L4-1	402 PLATFORM AREA	L-G	(N)	2'-10" X 3'-0"	MTL	PT	NR	50% MIN NFA, WITH MAX. 1/4" NON-COMBUSTIBLE CORROSION RESISTANT MESH, PROVIDE LOUVER WITH DAMPER, SMD.
L4-2	401 SEATING AREA	L-E	(N)	2'-0" X 3'-0"	MTL	PT	NR	50% MIN NFA, WITH MAX. 1/4" NON-COMBUSTIBLE CORROSION RESISTANT MESH, PROVIDE LOUVER WITH DAMPER, SMD.

LOUVER TYPES



LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04-30-23 STATE OF CALIFORNIA

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
DC, GK, JC	A2.9	WINDOW & LOUVER SCHEDULE	638 182819
CADD: JC			PMIS/PKG NO. 303051
TECH. REVIEW: DC/SM		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 62 OF 200
DATE: 7-15-2022			

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR		BASE		WALLS								WAINSCOT	CEILING			REMARKS
						NORTH		EAST		SOUTH		WEST						
		MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	MATERIAL	FINISH	HEIGHT	
BARN BUILDING																		ALL DOORS, DOOR FRAMES, DOOR CASINGS, AND WINDOWS, WINDOW FRAMES, WINDOW CASINGS ARE STAINED ST–1, U.O.N, ALSO SEE DOOR AND WINDOW SCHEDULE
101	BARN SEATING AREA	CONC	CONCST–1	CONC	CONCST–1	COR MTL AP	PAT–1	COR MTL AP	PAT–1	COR MTL AP	PAT–1	COR MTL AP	PAT–1	–	COR MTL AP	PAT–1	VARIES	PROVIDE COR MTL WITH PREFINISHED PATINA, SEE INT. ELEV'S. & RCP FOR AP LOCATIONS ALL EXPOSED FRAMING IS STAINED, ST–2
103	CATERING KITCHEN	CONC	SLR	CONC	SLR	GB IR	PT–2	GB IR	PT–2	GB IR	PT–2	GB IR	PT–2	–	GB	PT–2	9'–0"	
104	EVENT STORAGE	CONC	SLR	CONC	SLR	GB IR	PT–2	GB IR	PT–2	GB IR	PT–2	GB IR	PT–2	–	NO CEILING	–	–	
105	WOMEN'S RESTROOM	CONC	SLR	CONC	SLR	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	–	COR MTL	PAT–2	9'–0"	PROVIDE DECORATIVE WOOD PRINT FRP, SEE INTERIOR ELEVATIONS FOR PANEL DIVISIONS
106	MEN'S RESTROOM	CONC	SLR	CONC	SLR	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	–	COR MTL	PAT–2	9'–0"	PROVIDE DECORATIVE WOOD PRINT FRP, SEE INTERIOR ELEVATIONS FOR PANEL DIVISIONS
107	VESTIBULE	CONC	CONCST–1	CONC	CONCST–1	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	–	COR MTL	PAT–2	9'–0"	PROVIDE DECORATIVE WOOD PRINT FRP, SEE INTERIOR ELEVATIONS FOR PANEL DIVISIONS
108	JANITOR RM	CONC	SLR	CONC	SLR	GB MR	PT–2	GB MR	PT–2	GB MR	PT–2	GB MR	PT–2	FRP–2	GB	PT–2	9'–0"	PROVIDE BASE LEVEL FRP
RESTROOM BUILDING																		ALL DOORS, DOOR FRAMES, DOOR CASINGS, AND WINDOWS, WINDOW FRAMES, WINDOW CASINGS ARE STAINED ST–1, U.O.N, ALSO SEE DOOR AND WINDOW SCHEDULE
201	WOMEN'S RESTROOM	CONC	SLR	CONC	SLR	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	–	COR MTL	PAT–2	9'–0"	PROVIDE DECORATIVE WOOD PRINT FRP, SEE INTERIOR ELEVATIONS FOR PANEL DIVISIONS
202	MEN'S RESTROOM	CONC	SLR	CONC	SLR	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	–	COR MTL	PAT–2	9'–0"	PROVIDE DECORATIVE WOOD PRINT FRP, SEE INTERIOR ELEVATIONS FOR PANEL DIVISIONS
203A	EXTERIOR VESTIBULE	CONC	SLR	CONC	SLR	CMT BD	EX PT–A	CMT BD	EX PT–A	CMT BD	EX PT–A	CMT BD	EX PT–A	–	CMT BD	EX PT–A	9'–0"	CEMENT BOARD PATTERN TO MATCH EXTERIOR FINISH, SEE EXTERIOR ELEVATIONS
203B	EXTERIOR VESTIBULE	CONC	SLR	CONC	SLR	CMT BD	EX PT–A	CMT BD	EX PT–A	CMT BD	EX PT–A	CMT BD	EX PT–A	–	CMT BD	EX PT–A	9'–0"	CEMENT BOARD PATTERN TO MATCH EXTERIOR FINISH, SEE EXTERIOR ELEVATIONS
204	ELECTRICAL/TELECOM RM	CONC	SLR	CONC	SLR	GB	PT–2	GB	PT–2	GB	PT–2	GB	PT–2	–	NO CEILING	–	–	
205	STORAGE	CONC	SLR	CONC	SLR	GB IR	PT–2	GB IR	PT–2	GB IR	PT–2	GB IR	PT–2	–	NO CEILING	–	–	
206	CUSTODIAN ROOM	CONC	SLR	CONC	SLR	GB MR	PT–2	GB MR	PT–2	GB MR	PT–2	GB MR	PT–2	FRP–2	GB	PT–2	9'–0"	PROVIDE BASE LEVEL FRP
207	FAMILY RESTROOM	CONC	SLR	CONC	SLR	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	–	COR MTL	PAT–2	9'–0"	PROVIDE DECORATIVE WOOD PRINT FRP, SEE INTERIOR ELEVATIONS FOR PANEL DIVISIONS
PAVILION BUILDING																		ALL DOORS, DOOR FRAMES, DOOR CASINGS, AND WINDOWS, WINDOW FRAMES, WINDOW CASINGS ARE STAINED ST–1, U.O.N, ALSO SEE DOOR AND WINDOW SCHEDULE
301	PAVILION SEATING AREA	CONC	CONCST–1	CONC	CONCST–1	CMT BD	EX PT–A	CMT BD	EX PT–A	CMT BD	EX PT–A	CMT BD	EX PT–A	–	CMT BD	EX PT–A	VARIES	CEMENT BOARD PATTERN TO MATCH EXTERIOR FINISH, SEE EXTERIOR ELEVATIONS ALL EXPOSED FRAMING IS STAINED, ST–2
303	CATERING KITCHEN	CONC	SLR	CONC	SLR	GB MR	PT–2	GB MR	PT–2	GB MR	PT–2	GB MR	PT–2	–	GB	PT–2	9'–0"	
304	EVENT STORAGE	CONC	SLR	CONC	SLR	GB IR	PT–2	GB IR	PT–2	GB IR	PT–2	GB IR	PT–2	–	NO CEILING	–	–	
305	VESTIBULE	CONC	CONCST–1	CONC	CONCST–1	CMT BD	EX PT–A	CMT BD	EX PT–A	CMT BD	EX PT–A	CMT BD	EX PT–A	–	CMT BD	EX PT–A	9'–0"	CEMENT BOARD PATTERN TO MATCH EXTERIOR FINISH, SEE EXTERIOR ELEVATIONS
306	MEN'S RESTROOM	CONC	SLR	CONC	SLR	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	–	COR MTL	PAT–2	9'–0"	PROVIDE DECORATIVE WOOD PRINT FRP, SEE INTERIOR ELEVATIONS FOR PANEL DIVISIONS
307	WOMEN'S RESTROOM	CONC	SLR	CONC	SLR	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	FRP	FRP–1	–	COR MTL	PAT–2	9'–0"	PROVIDE DECORATIVE WOOD PRINT FRP, SEE INTERIOR ELEVATIONS FOR PANEL DIVISIONS
308	CUSTODIAN RM	CONC	SLR	CONC	SLR	GB MR	PT–2	GB MR	PT–2	GB MR	PT–2	GB MR	PT–2	FRP–2	GB	PT–2	9'–0"	PROVIDE BASE LEVEL FRP
SMALL EVENT BUILDING																		ALL DOORS, DOOR FRAMES, DOOR CASINGS, AND WINDOWS, WINDOW FRAMES, WINDOW CASINGS ARE STAINED ST–1, U.O.N, ALSO SEE DOOR AND WINDOW SCHEDULE
401	SMALL EVENT SEATING AREA	CONC	CONCST–1	CONC	CONCST–1	WD	PT–1	WD	PT–1	WD	PT–1	WD O/ GB	PT–1	–	COR MTL AP	PAT–1	VARIES	PROVIDE COR MTL 'CEILING PANEL WITH PREFINISHED PATINA, SEE RCP FOR AP LOCATIONS PROVIDE WOOD PLANK ROUGH SAWN FINISH OVER TYPE X GYP BD FOR 1–HR WALL PROVIDE WHITEWASH PAINT TECHNIQUE AT ALL PAINTED SURFACES, INCLUDING EXPOSED FRAMING

EXTERIOR FINISH SCHEDULE

PAINTING AND COATINGS

EX PT–A
MAIN BUILDING COLOR, BASE COLOR IS IN CONTRACT, ADDITIONAL WOOD GRAIN FAUX FINISH BY OTHERS, CO SHALL CONFIRM BASE COLOR PRIOR TO SUBMITTAL, CONTRACTOR TO PROVIDE MOCK OF BASE COLOR ON FIBER CEMENT BOARD, FOR COORDINATION WITH FAUX FINISHER
B.O.D.
MFR: DUNN EDWARDS
COLOR: DE6077 DEEP BROWN

EX PT–B
METAL RAILINGS
B.O.D.
MFR: DUNN EDWARDS
COLOR: DEA187 BLACK

EX ST–1
DOORS, WINDOWS, FRAMES & TRIM
B.O.D.
MFR: SHERWIN WILLIAMS
SERIES: WOODSCAPES, SEMI–TRANSPARENT
COLOR: "CHARWOOD"

EX ST–2
EXPOSED FRAMING
B.O.D.
MFR: SHERWIN WILLIAMS
SERIES; WOODSCAPES, SEMI–TRANSPARENT
COLOR: "CHESTNUT"

FIBER CEMENT BOARD

CMNT BD–1
B.O.D.:
MFR: JAMES HARDIE
SERIES: HARDIEPLANK, CEDARMILL WOOD TEXTURE,
4" SHIP LAP HORIZONTAL PLANKS

CMNT BD–2
B.O.D.:
MFR: JAMES HARDIE
SERIES: HARDIEPLANK, CEDARMILL WOOD TEXTURE,
VERTICAL BOARD & BATTEN

CMNT BD–3
B.O.D.:
MFR: JAMES HARDIE
SERIES: HARDIETRIM, CEDARMILL WOOD TEXTURE,
VARIOUS SIZE TRIM AND PLANKS

METAL PANELS AT WALLS AND ROOFS

COR MTL CORTEN
B.O.D.:
MFR: WESTERN STATES METAL ROOFING
SERIES: 7/8" CORRUGATED METAL
MATERIAL/ FINISH: "CORTEN"

INTERIOR FINISH SCHEDULE

PAINT SCHEDULE

PT–1
MAIN COLOR SMALL EVENT INTERIOR; AT WALLS, EXPOSED FRAMING, AND INTERIOR FACE OF SLIDING DOOR
PROVIDE WHITEWASH APPLICATION, AND SUBMIT MOCK–UP FOR CO APPROVAL
B.O.D
MFR: DUNN EDWARDS
COLOR: DEW380 WHITE

PT–2
STORAGE & CATERING KITCHEN AREAS
B.O.D
MFR: DUNN EDWARDS
COLOR: DEW380 WHITE

ST–1
DOORS, WINDOWS, FRAMES & TRIM
B.O.D.
MFR: SHERWIN WILLIAMS
SERIES: WOODSCAPES, SEMI–TRANSPARENT
COLOR: "CHARWOOD"

ST–2
EXPOSED FRAMING
B.O.D.
MFR: SHERWIN WILLIAMS
SERIES; WOODSCAPES, SEMI–TRANSPARENT
COLOR: "CHESTNUT"

FLOORING

STAINED CONCRETE
CONCST–1
B.O.D.
MFR. SIKA
STYLE: SIKACOLOR
COLOR: "ANTIQUE AMBER"

RESTROOMS

FRP–1 (DECORATIVE WOOD PRINT FRP)
B.O.D.:
MFR: CRANE COMPOSITES
SERIES: DESIGNS
COLOR: SABINE 30W
PATTERN: WOOD PRINT PATTERN DIRECTION IS HORIZONTAL, ALIGN PANEL SEAMS HORIZONTAL, VERTICAL SEAMS ARE STAGGERED RANDOM AT VARIOUS SIZES, SEE INTERIOR ELEVS

JANITOR
FRP–2 (BASE LEVEL FRP)

CASEWORK

COUNTERTOPS
B.O.D.:
SOLID SURFACING
MFR: CORIAN
COLOR: "DOVE GRAY"

METAL PANELS AT WALLS AND CEILING

COR MTL, PAT–1
B.O.D.:
MFR: WESTERN STATES METAL ROOFING
SERIES: 7/8" CORRUGATED METAL
COLOR: "RECLAIMED METAL RUST"

COR MTL, PAT–2
B.O.D.:
MFR: WESTERN STATES METAL ROOFING
SERIES: 7/8" CORRUGATED METAL
COLOR: "GALVE–TEN ROBUST"

LEGEND

AP	ACOUSTIC PANEL	MTL	METAL
CONC	CONCRETE	PAT	PATINA
COR MTL	PREFINISHED CORRUGATED METAL PANEL	PT	PAINT
COR MTL AP	PREFINISHED CORR MTL ACOUSTICAL PANEL	PL	PLASTER
CMT BD	CEMENT BOARD	RB	RUBBER BASE
CT	CERAMIC TILE	SLR	SEALER
FRP	FIBER REINFORCED PLASTIC	ST	STAIN
GB	GYP BD	VCT	VINYL COMPOSITION TILE
GB MR	GYP BD– MOISTURE RESISTANT	WD	WOOD
GB IR	GYP BD– IMPACT RESISTANT		

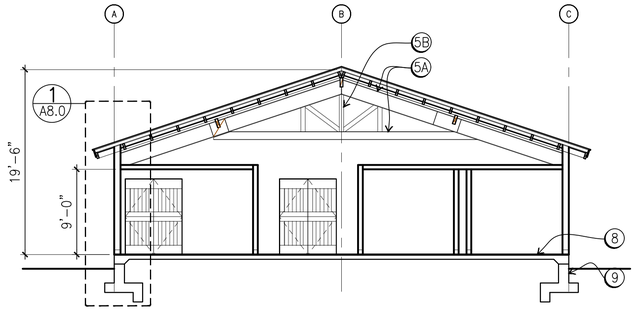
FINISH NOTES

1. SEE INTERIOR ELEVATIONS AND RCP'S FOR ADDITIONAL INFORMATION
2. PAINT FINISH AT ALL WALLS AND CEILINGS TO BE EGGSHELL, U.O.N. PAINT FINISH AT BATHROOMS TO BE SEMI–GLOSS TYP.
3. SEE A9.0 FOR PARTITION SCHEDULE

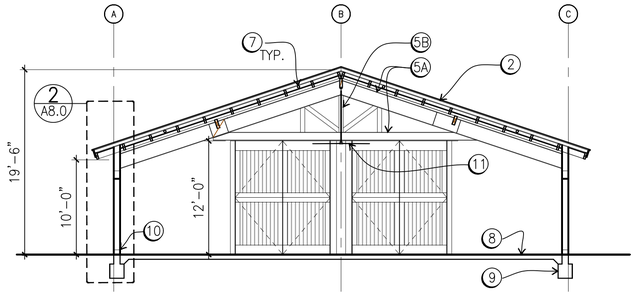
LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04–30–23
STATE OF CALIFORNIA

100% FINAL CONSTRUCTION DOCUMENTS

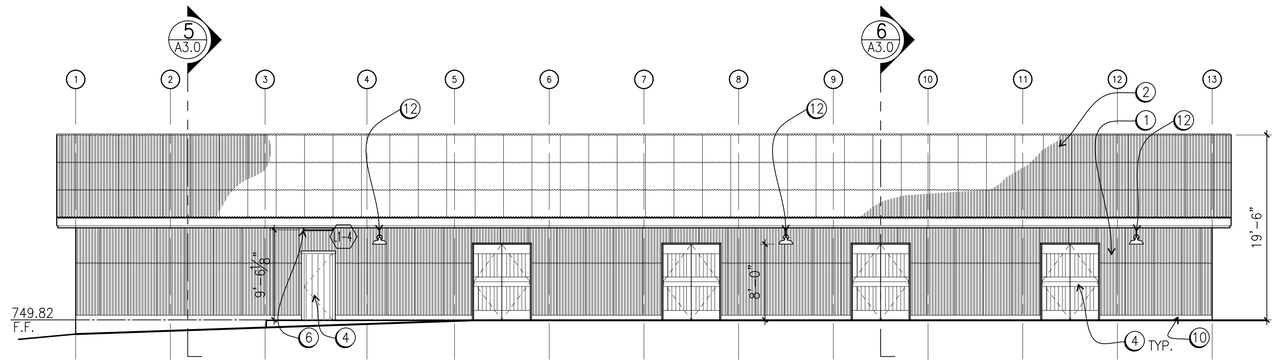
DESIGNED: DC, GK, JC DRAWN: JC, MGB TECH. REVIEW: DC/SM DATE: 7–15–2022	SUB SHEET NO. A2.10	TITLE OF SHEET: FINISH SCHEDULE SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 63 OF 200



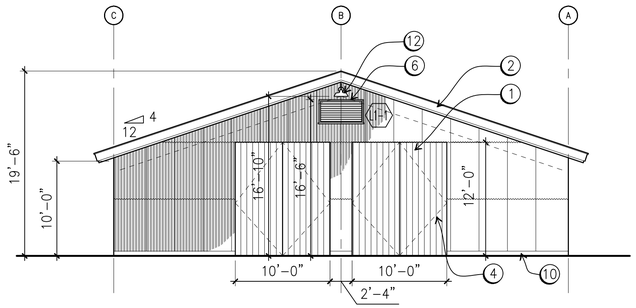
5 A3.0 BARN BUILDING – TRANSVERSE SECTION
SCALE: K



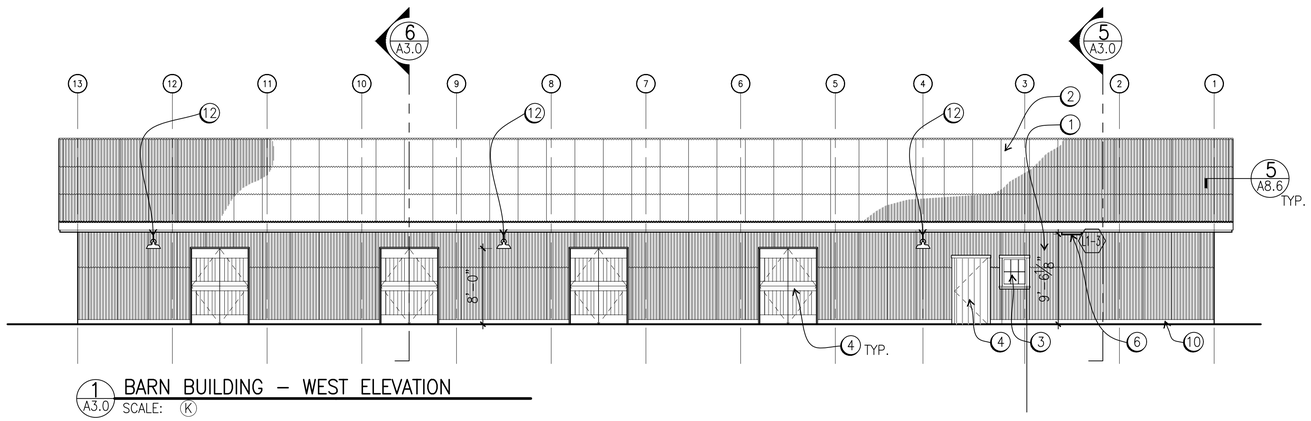
6 A3.0 BARN BUILDING – TRANSVERSE SECTION
SCALE: K



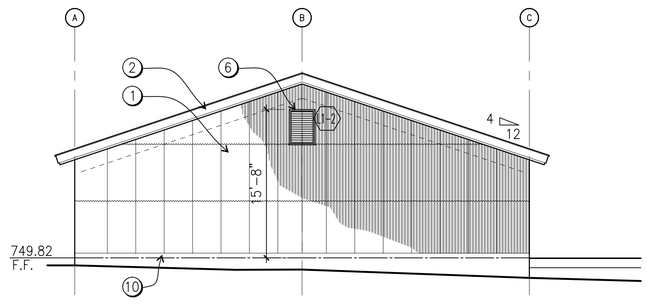
3 A3.0 BARN BUILDING – EAST ELEVATION
SCALE: K



4 A3.0 BARN BUILDING – NORTH ELEVATION
SCALE: K



1 A3.0 BARN BUILDING – WEST ELEVATION
SCALE: K



2 A3.0 BARN BUILDING – SOUTH ELEVATION
SCALE: K

GENERAL ELEVATION–SECTION NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SHEET G5.0 EGRESS PLAN FOR OCCUPANCY
3. CONSTRUCTION TYPE: VB
4. ALL CONDUITS AND PIPING ARE CONCEALED

ELEVATION–SECTION KEY NOTES

(1) EXTERIOR WALL ASSEMBLY; 1–HR FIRE RESISTIVE CONSTRUCTION AT EXTERIOR FACE, W/ CORTEN CORRUGATED METAL WALL PANELS, OVER NON–COMBUSTIBLE WALL BOARD, WEATHER BARRIER, 1/2" RIGID INSULATION, PLY WD SHEATHING PER STRUCTURAL, 2X WOOD FRAMING, W/BATT INSULATION, AND PRE–FINISHED CORRUGATED METAL WALL PANELS

(2) ROOF ASSEMBLY, CLASS A; CORTEN CORRUGATED METAL ROOF PANELS, OVER ROOFING MEMBRANE, 1/2" PROTECTION BOARD, AND 5/8" PLY WD BONDED TO 3.5" RIGID INSULATION, ON PLY WD DECK PER STRUCTURAL, W/3X8 PURLINS, 3.5" BATT INSULATION AND CORRUGATED METAL CEILING PANELS W/NATURAL FINISH, @ SOFFITS PROVIDE 1/2" WOOD PLANK TEXTURED CEMENT BOARD @ UNDER SIDE OF PLY WD DECK BETWEEN EXPOSED RAFTER TAILS, AND 2X FASCIA.

(3) WOOD WINDOWS WITH TEMPERED GLAZING

(4) WOOD DOORS, 1 3/4" THICK SOLID CORE, W/ DECORATIVE WOOD PLANK FACE

(5A) EXPOSED CLEAR–SPAN TRUSSES PER STRUCTURAL

(5B) DECORATIVE TRUSS WEB MEMBERS

(6) LOUVER, W/ NON–COMBUSTIBLE CORROSION RESISTANT MESH, PER SCHEDULE

(7) CONCEALED SPRINKLER PIPING, SFPD

(8) CONCRETE SLAB ON GRADE PER STRUCTURAL

(9) CONCRETE FOUNDATIONS PER STRUCTURAL

(10) EXPOSED CONCRETE CURB/ POST BASE, 6" HIGH PER STRUCTURAL

(11) CEILING FAN PER MECHANICAL

(12) LIGHT FIXTURE, SED, TYP.

SCALE (K) 1/8" = 1'–0"
8 0 8 16
SCALE OF FEET

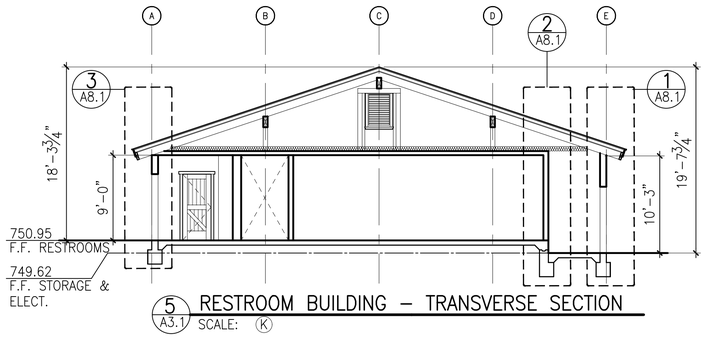
100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04–30–23
STATE OF CALIFORNIA

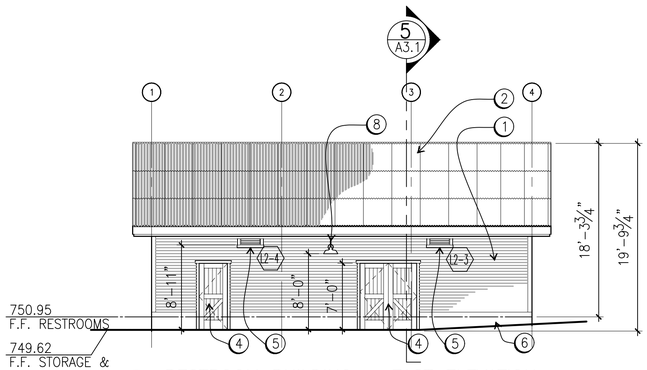
DESIGNED: DC, GK, JC CADD JC, MGB TECH. REVIEW: DC/SM DATE: 7–15–2022	SUB SHEET NO. A3.0	TITLE OF SHEET BARN BUILDING ELEVATIONS & SECTION SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 64 OF 200

GENERAL ELEVATION–SECTION NOTES

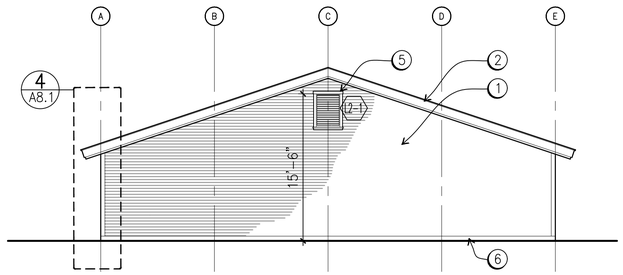
1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SHEET G5.0 EGRESS PLAN FOR OCCUPANCY
3. CONSTRUCTION TYPE: VB
4. ALL CONDUITS AND PIPING ARE CONCEALED



5 A3.1 RESTROOM BUILDING – TRANSVERSE SECTION
SCALE: (K)



3 A3.1 RESTROOM BUILDING – EAST ELEVATION
SCALE: (K)



4 A3.1 RESTROOM BUILDING – NORTH ELEVATION
SCALE: (K)

ELEVATION–SECTION KEY NOTES

(1) EXTERIOR WALL ASSEMBLY; 1–HR FIRE RESISTIVE CONSTRUCTION AT EXTERIOR FACE, W/HORIZONTAL PLANK CEMENT BOARD, WOOD TEXTURED, EXTERIOR FINISH, 1/2" RIGID INSULATION, OVER PLY WD PER STRUCTURAL, W/ WEATHER BARRIER, BATT INSULATION, 2X WOOD FRAMING, AND 5/8" TYPE X GYP BD INTERIOR FINISH

(2) ROOF ASSEMBLY, CLASS A; CORTEN CORRUGATED METAL ROOF PANELS, OVER ROOFING MEMBRANE, 1/2" PROTECTION BOARD, AND 5/8" PLY WD BONDED TO 3.5" RIGID INSULATION, ON 3/4" PLY WD SHEATHING DECK, AND 3.5" BATT INSULATION ABOVE CEILINGS, W/ EXPOSED 3X10 PURLINS AT SOFFITS PROVIDE 1/2" WOOD PLANK TEXTURED CEMENT BOARD AT UNDERSIDE OF PLY WD DECK BETWEEN EXPOSED RAFTER TAILS, AND 2X FASCIA.

(3) NOT USED

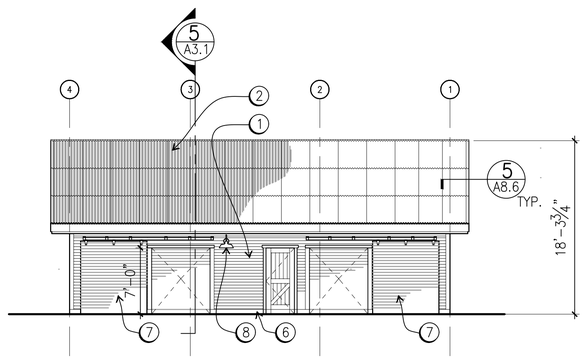
(4) WOOD DOORS, 1 3/4" THICK SOLID CORE, W/ DECORATIVE WOOD PLANK FACE

(5) LOUVER, W/ NON–COMBUSTIBLE CORROSION RESISTANT MESH, PER SCHEDULE

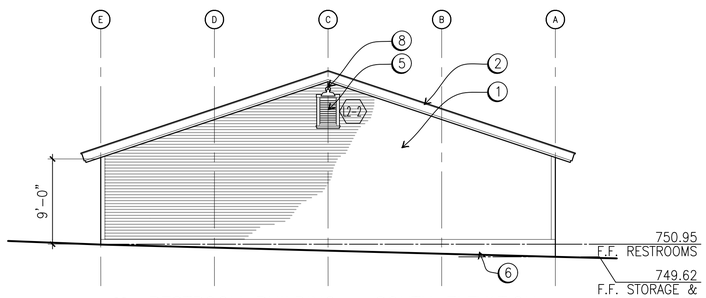
(6) EXPOSED CONCRETE CURB, 6" HIGH PER STRUCTURAL

(7) SLIDING WOOD DOORS; 1 3/4" THICK SOLID CORE, WITH HORIZONTAL PLANK CEMENT BOARD SIDING

(8) LIGHT FIXTURE, SED, TYP.



1 A3.1 RESTROOM BUILDING – WEST ELEVATION
SCALE: (K)



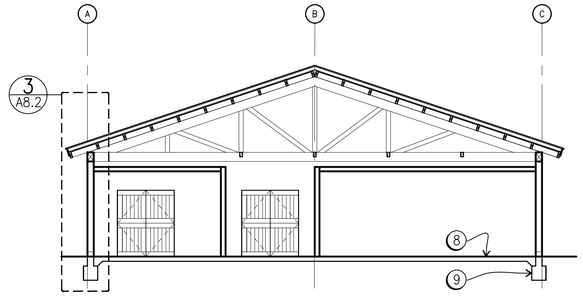
2 A3.1 RESTROOM BUILDING – SOUTH ELEVATION
SCALE: (K)

SCALE (K) 1/8" = 1'-0"
8 0 8 16
SCALE OF FEET

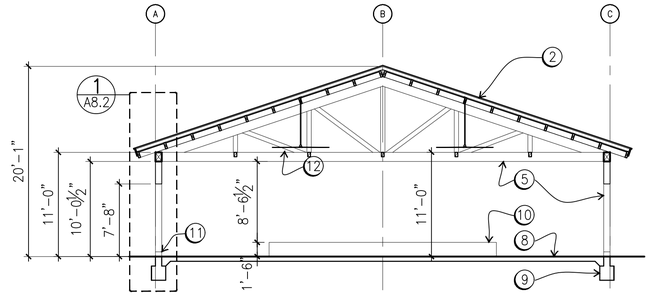
100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA

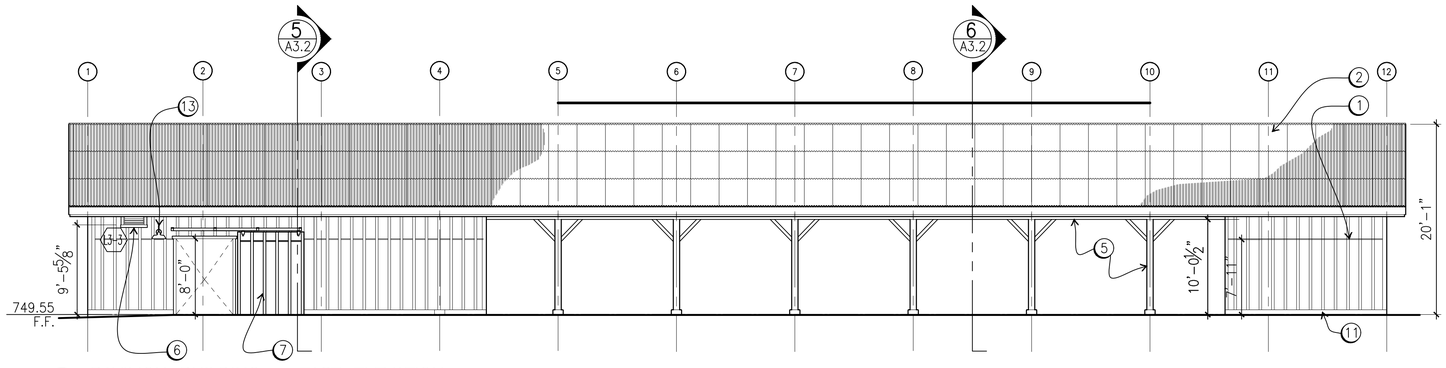
DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A3.1	TITLE OF SHEET: RESTROOM BUILDING ELEVATIONS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 65 OF 200



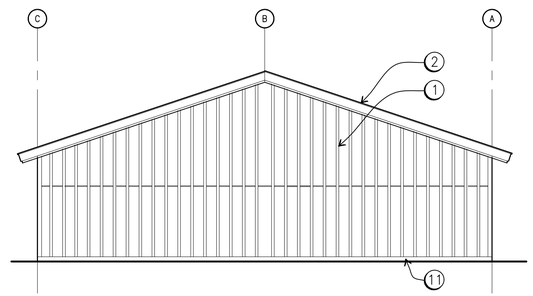
5 A3.2 PAVILION BUILDING – TRANSVERSE SECTION
SCALE: K



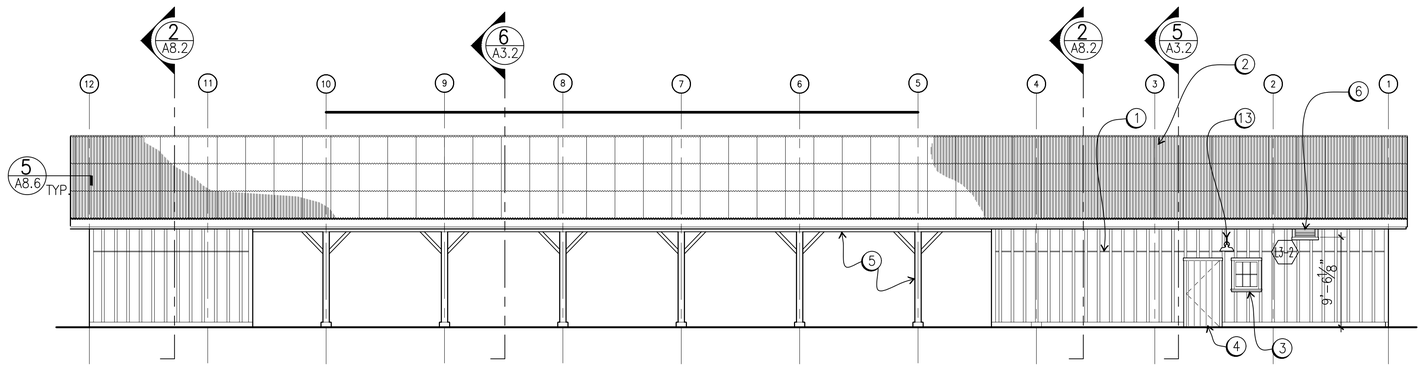
6 A3.2 PAVILION BUILDING – TRANSVERSE SECTION
SCALE: K



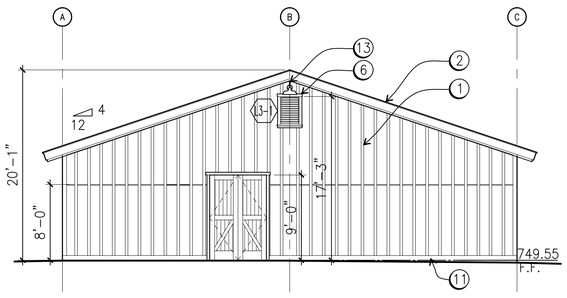
3 A3.2 PAVILION BUILDING – EAST ELEVATION
SCALE: K



4 A3.2 PAVILION BUILDING – NORTH ELEVATION
SCALE: K



1 A3.2 PAVILION BUILDING – WEST ELEVATION
SCALE: K



2 A3.2 PAVILION BUILDING – SOUTH ELEVATION
SCALE: K

GENERAL ELEVATION–SECTION NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SHEET G5.0 EGRESS PLAN FOR OCCUPANCY
3. CONSTRUCTION TYPE: TYPE VB & TYPE IV HEAVY TIMBER
4. ALL CONDUITS AND PIPING ARE CONCEALED EXCEPT AT CEILING OF SEATING AREA–301. PAINT ALL EXPOSED CONDUITS AND PIPING AT SEATING AREA.

ELEVATION–SECTION KEY NOTES

(1A) EXTERIOR WALL ASSEMBLY W/INTERIOR AREAS; 1–HR FIRE RESISTIVE CONSTRUCTION AT EXTERIOR FACE, W/ BOARD & BATTEN CEMENT BOARD EXTERIOR FINISH, 1/2" RIGID INSULATION, OVER PLY WD PER STRUCTURAL, W/ WEATHER BARRIER, BATT INSULATION, 2X WOOD FRAMING, AND 5/8" TYPE X GYP BD INTERIOR FINISH

(1B) EXTERIOR WALL ASSEMBLY AT EXTERIOR AREAS; 1–HR FIRE RESISTIVE CONSTRUCTION, W/ BOARD & BATTEN CEMENT BOARD EXTERIOR FINISH, OVER FIRE–RETARDANT–TREATED PLY WD PER STRUCTURAL, 2X FIRE–RETARDANT–TREATED WOOD FRAMING, AND BOARD & BATTEN CEMENT BOARD INTERIOR FINISH.

(2A) ROOF ASSEMBLY OVER INTERIOR AREAS, CLASS A ASSEMBLY; CORTEN CORRUGATED METAL ROOF PANELS, OVER ROOFING MEMBRANE, 1/2" PROTECTION BOARD, AND 5/8" PLY WD BONDED TO 3.5" RIGID INSULATION, ON PLY WD DECK PER STRUCTURAL, W/3X8 PURLINS, AND 3.5" BATT INSULATION, OVER HARD LID CEILINGS, AT SOFFITS PROVIDE 1/2" WOOD PLANK TEXTURED CEMENT BOARD AT UNDERSIDE OF PLY WD DECK BETWEEN EXPOSED RAFTER TAILS, AND 2X FASCIA.

(2B) ROOF ASSEMBLY OVER EXTERIOR AREAS, CLASS A ASSEMBLY; CORTEN CORRUGATED METAL ROOF PANELS, OVER ROOFING MEMBRANE, 1/2" PROTECTION BOARD, AND 5/8" PLY WD BONDED TO 3.5" RIGID INSULATION, ON PLY WD DECK PER STRUCTURAL, W/3X8 PURLINS, PROVIDE 1/2" WOOD PLANK TEXTURED CEMENT BOARD AT UNDERSIDE OF PLY WD DECK BETWEEN EXPOSED PURLINS AT ENTIRE OPEN AREA AND AT SOFFITS AT UNDERSIDE OF PLY WD DECK AT EXPOSED RAFTER TAILS, AND 2X FASCIA.

(3) WOOD WINDOWS WITH TEMPERED GLAZING

(4) WOOD DOORS, 1 3/4" THICK SOLID CORE, W/ DECORATIVE WOOD PLANK FACE

(5) EXPOSED HEAVY TIMBER COLUMNS AND TRUSSES PER STRUCTURAL

(6) LOUVER, W/ NON–COMBUSTIBLE CORROSION RESISTANT MESH, PER SCHEDULE

(7) SLIDING BARN DOOR 1 3/4" THICK SOLID CORE, 45 MINUTE FIRE–RATED, W/ BOARD & BATTON CEMENT BOARD FACE

(8) CONCRETE SLAB ON GRADE PER STRUCTURAL

(9) CONCRETE FOUNDATIONS PER STRUCTURAL

(10) PLATFORM; HEAVY TIMBER CONSTRUCTION

(11) EXPOSED CONCRETE CURB/ POST BASE, 6" HIGH PER STRUCTURAL

(12) CEILING FAN PER MECHANICAL

(13) LIGHT FIXTURE, SED, TYP.

SCALE K 1/8" = 1'–0"
8 0 8 16
SCALE OF FEET

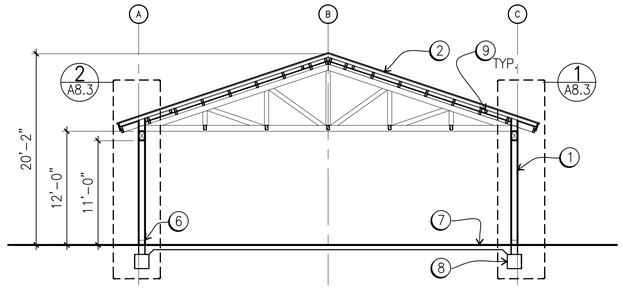
100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA

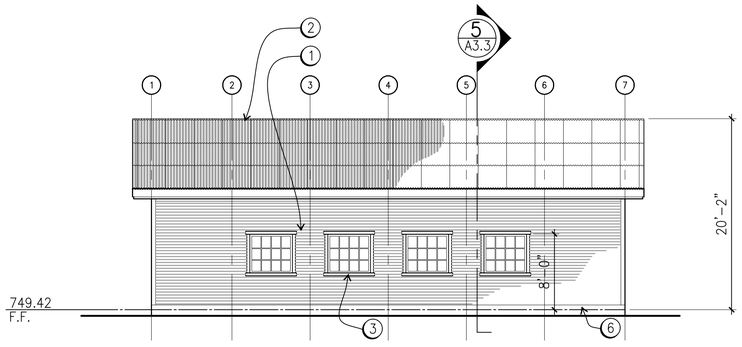
DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7–15–2022	SUB SHEET NO. A3.2	TITLE OF SHEET PAVILION BUILDING ELEVATIONS & SECTION SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 66 OF 200

GENERAL ELEVATION–SECTION NOTES

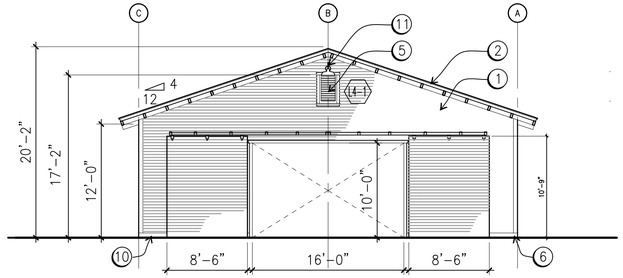
1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SHEET G5.0 EGRESS PLAN FOR OCCUPANCY
3. CONSTRUCTION TYPE: VB
4. ALL CONDUITS AND PIPING ARE CONCEALED



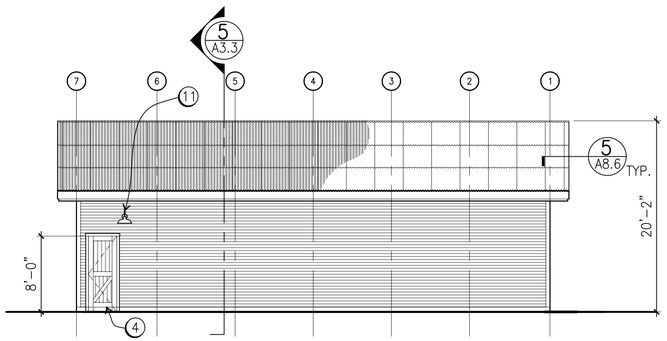
5 A3.3 SMALL EVENT BUILDING – SECTION
SCALE: (K)



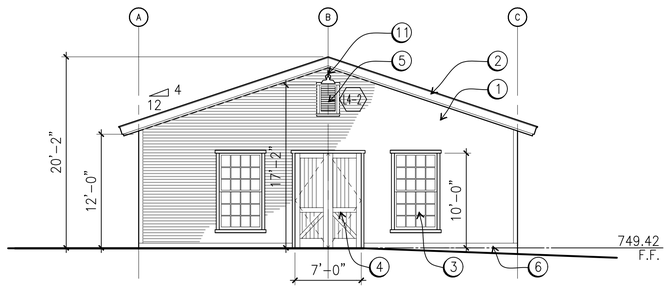
3 A3.3 SMALL EVENT BUILDING – EAST ELEVATION
SCALE: (K)



4 A3.3 SMALL EVENT BUILDING – NORTH ELEVATION
SCALE: (K)



1 A3.3 SMALL EVENT BUILDING – WEST ELEVATION
SCALE: (K)



2 A3.3 SMALL EVENT BUILDING – SOUTH ELEVATION
SCALE: (K)

ELEVATION–SECTION KEY NOTES

(1) EXTERIOR WALL ASSEMBLY; 1–HR FIRE RESISTIVE CONSTRUCTION AT EXTERIOR FACE, W/HORIZONTAL PLANK CEMENT BOARD WOOD TEXTURE EXTERIOR FINISH, W/ BUILDING PAPER, AND 1/2" RIGID INSULATION, OVER PLY WD PER STRUCTURAL, 2X FRAMING, BATT INSULATION AND 8X HORIZONTAL WOOD PLANK, W/ 5/8" TYP X GYP BD UNDER WOOD PLAN FINISH AT WEST WALL, GRIDLINE A

(2) ROOF ASSEMBLY, CLASS A; CORTEN CORRUGATED METAL ROOF PANELS, OVER ROOFING MEMBRANE, 1/2" PROTECTION BOARD, AND 5/8" PLY WD BONDED TO 3.5" RIGID INSULATION, ON PLY WD PER STRUCTURAL, W/ 3X8 PURLINS, 3.5" BATT INSULATION, AND CORRUGATED METAL CEILING PANELS W/ NATURAL FINISH, AT SOFFITS PROVIDE 1/2" WOOD PLANK TEXTURED CEMENT BOARD AT UNDER SIDE OF PLY WD DECK BETWEEN EXPOSED RAFTER TAILS, AND 2X FASCIA

(3) WOOD WINDOWS WITH TEMPERED GLAZING

(4) WOOD DOORS, 1 3/4" THICK SOLID CORE, W/ DECORATIVE WOOD PLANK FACE

(5) LOUVER, W/ NON–COMBUSTIBLE CORROSION RESISTANT MESH, PER SCHEDULE

(6) EXPOSED CONCRETE CURB, 6" HIGH PER STRUCTURAL

(7) CONCRETE SLAB ON GRADE PER STRUCTURAL

(8) CONCRETE FOUNDATIONS PER STRUCTURAL

(9) CONCEALED SPRINKLER PIPING, SFPD

(10) OVERSIZED BI–PARTING SLIDING DOORS, WITH PLANK CEMENT BOARD SIDING

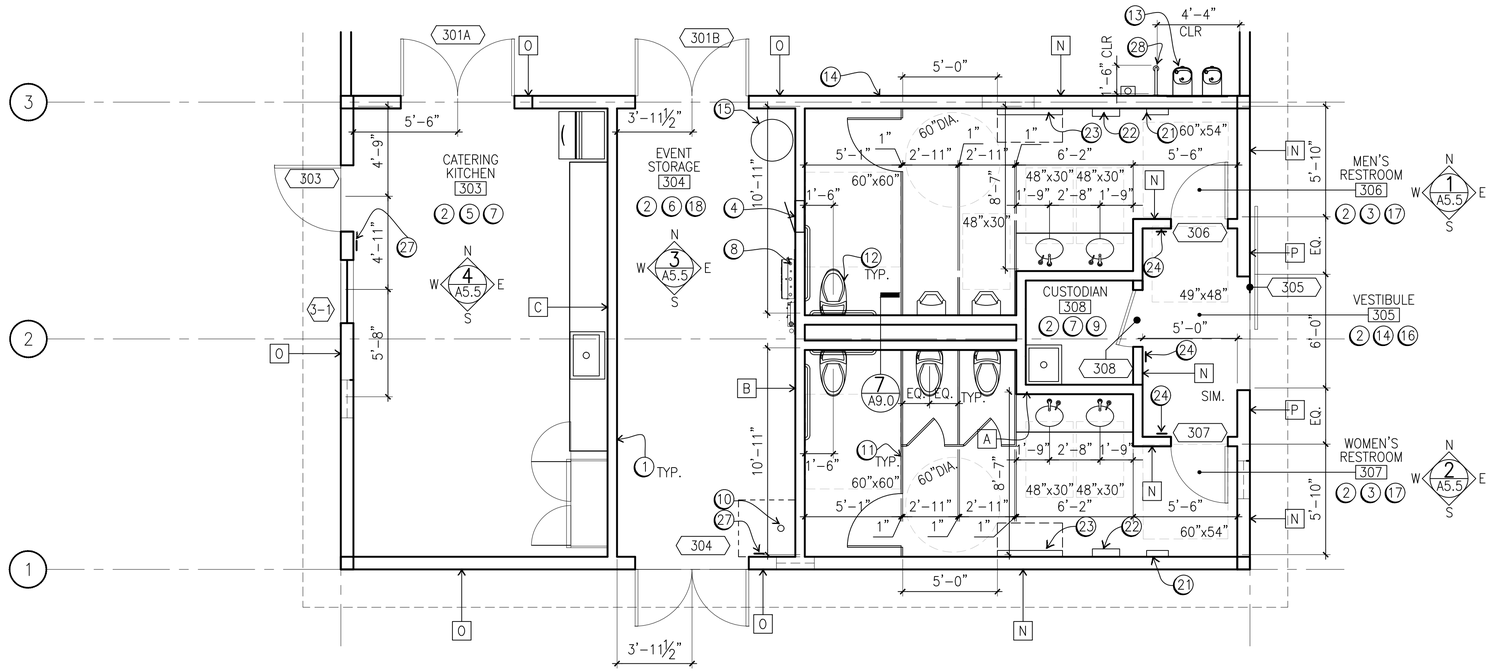
(11) LIGHT FIXTURE, SED, TYP.

SCALE (K) 1/8" = 1'–0"
8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA

DESIGNED: DC, GK, JC	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD: JC, MGB	A3.3	SMALL EVENT BUILDING ELEVATIONS & SECTION	638 182819
TECH. REVIEW: DC/SM		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	PMIS/PKG NO. 303051
DATE: 7–15–2022			SHEET 67 OF 200



2 A4.0 PAVILION BUILDING – ENLARGED PLAN – SOUTH
SCALE: (J) 1/4" = 1'-0"

1 A4.0 BARN BUILDING – ENLARGED PLAN – SOUTH
SCALE: (J) 1/4" = 1'-0"

ENLARGED PLAN NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SECTIONS AND RCP'S FOR ADDITIONAL INFORMATION.
3. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
4. ALL BUILDING AREAS ARE ON AN ACCESSIBLE PATH OF TRAVEL, SEE G6.0 FOR FIXTURE MOUNTING DIMS.
5. DIMENSIONS ARE FROM FACE OF FINISH, OR CENTERLINE OF FIXTURE OR OPENING

FLOOR PLAN KEY NOTES

(1) INTERIOR PARTITIONS; NON-RATED, 2X WOOD FRAMING W/ 1 LAYER GYP BD BOTH SIDES
(2) SEALED CONCRETE FLOOR FINISH
(3) DECORATIVE WOOD PRINT FRP O/ MOISTURE RESISTANT GYP BD
(4) ELECTRICAL EQUIPMENT, SED
(5) PAINTED MOISTURE RESISTANT GYP BD
(6) PAINTED HIGH IMPACT GYP BD
(7) FRAMED CEILING W/ PAINTED GYP BD FINISH
(8) TELECOM EQUIPMENT, STCD
(9) FRP O/ MOISTURE RESISTANT GYP BD
(10) FIRE SPRINKLER RISER, SFPD
(11) SOLID PLASTIC TOILET COMPARTMENT PARTITION
(12) PLUMBING FIXTURE
(13) DRINKING FOUNTAIN
(14) CEMENT BOARD WALL FINISH
(15) WATER HEATER, SPD
(16) FRAMED CEILING, W/ CEMENT BOARD FINISH
(17) FRAMED CEILING, W/ PREFINISHED CORRUGATED METAL CEILING PANELS
(18) NO CEILING, OPEN TO ROOF FRAMING ABOVE
(19) WHEELCHAIR-ACCESSIBLE COMPARTMENT, PROVIDE 32" CLEAR IN-SWINGING COMPARTMENT DOOR
(20) GRAB BARS, SEE G6.0 FOR DIMENSION REQUIREMENTS
(21) HAND DRYER
(22) WASTE RECEPTACLE
(23) BABY CHANGING STATION
(24) ROOM ID SIGN, SEE G7.0
(25) MAX OCCUPANT LOAD SIGN, SEE G7.0
(26) ASSISTED LISTENING SIGN, SEE G7.0
(27) TACTILE EXIT DOOR SIGN, SEE G7.0
(28) 1-1/2" DIAMETER METAL PIPE GUARD, PAINTED, ATTACHED PER DETAILS 8 & 12/ A8.11

WALL TYPES

[X] SEE SHEET A9.0 FOR WALL TYPE DETAILS

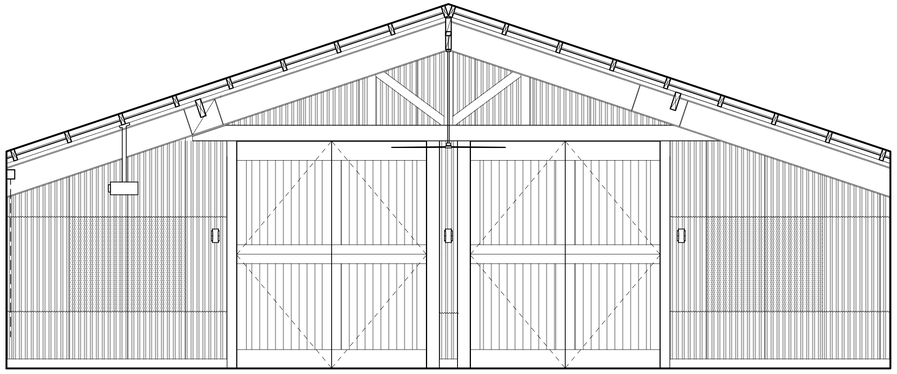
BLDG. 4°

SCALE (J) 1/4" = 1'-0"
4 0 4 8
SCALE OF FEET

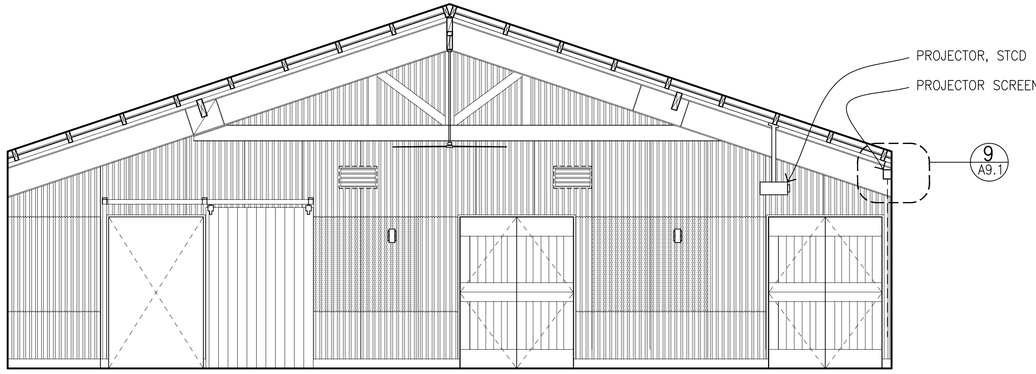
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A4.0	TITLE OF SHEET: ENLARGED FLOOR PLANS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 68 OF 200

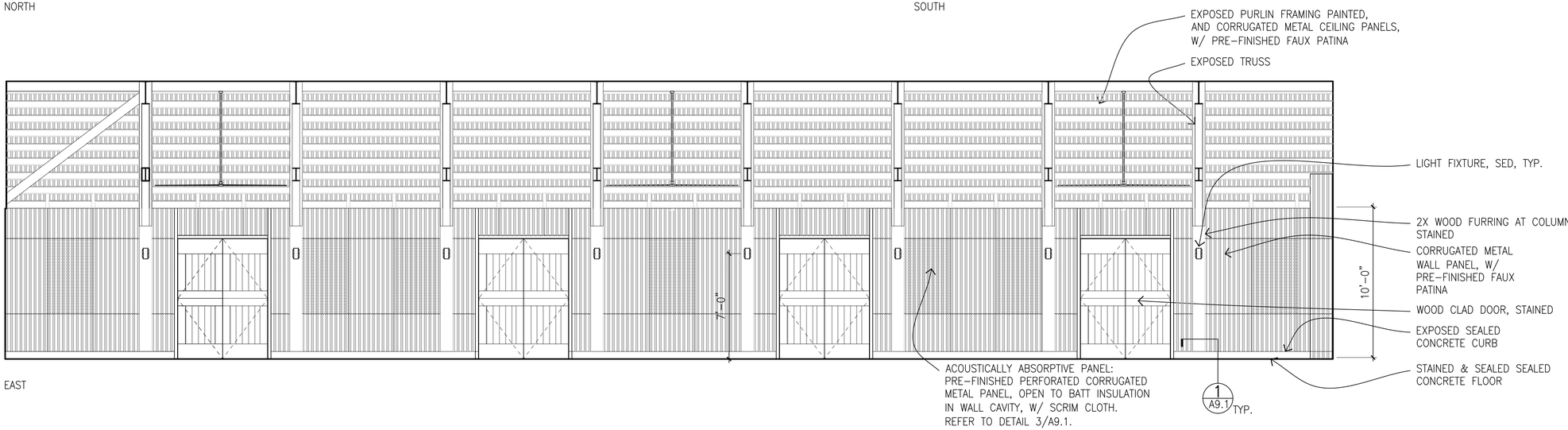
LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04-30-23 STATE OF CALIFORNIA



NORTH



SOUTH



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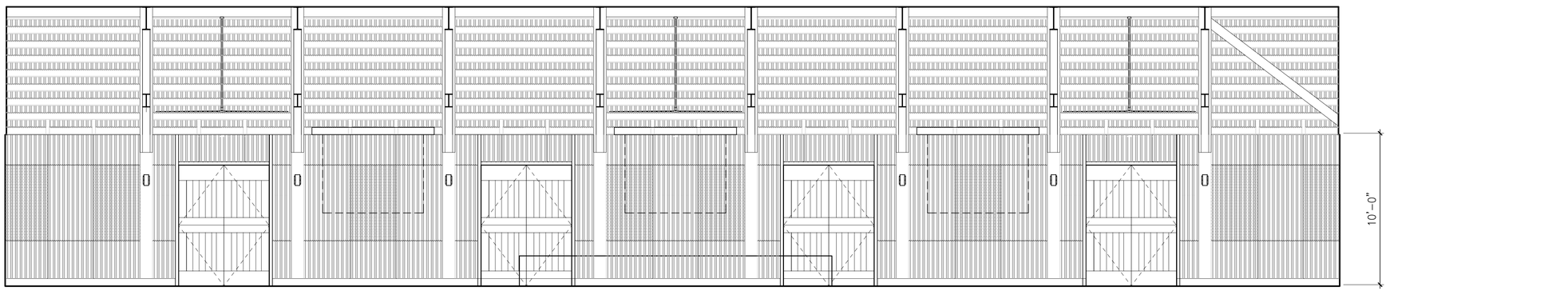


WEST

GENERAL INTERIOR ELEVATION NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SECTIONS AND RCP'S FOR ADDITIONAL INFORMATION.
3. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
4. ALL CONDUITS ARE CONCEALED.

1 / A5.0 BARN BUILDING – SEATING AREA
SCALE: (J) 1/4" = 1'-0"

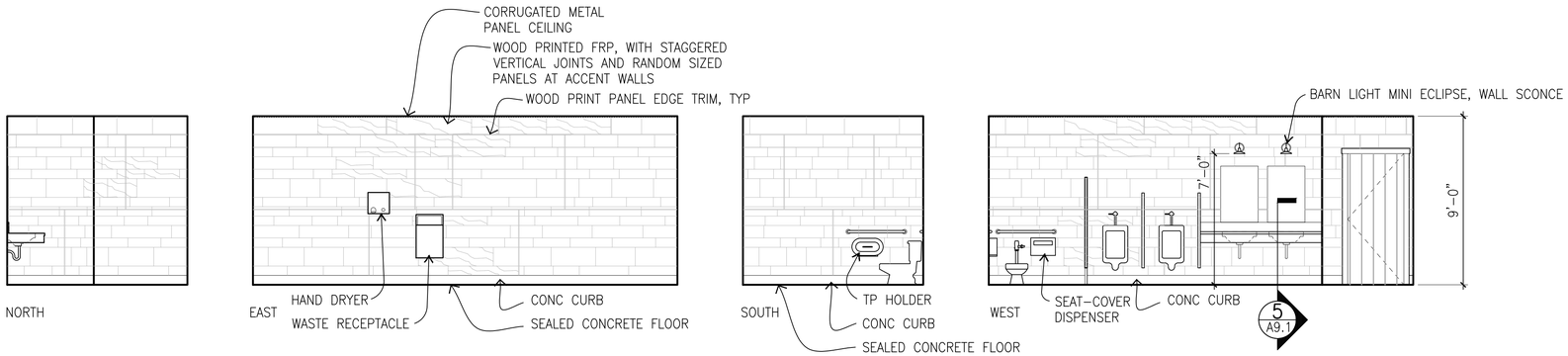
100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA

DESIGNED: DC, GK, JC	SUB SHEET NO. A5.0	TITLE OF SHEET: BARN BUILDING INTERIOR ELEVATIONS	DRAWING NO. 638 182819
CADD: JC, MGB			PMIS/PKG NO. 303051
TECH. REVIEW: DC/SM		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 69 OF 200
DATE: 7-15-2022			

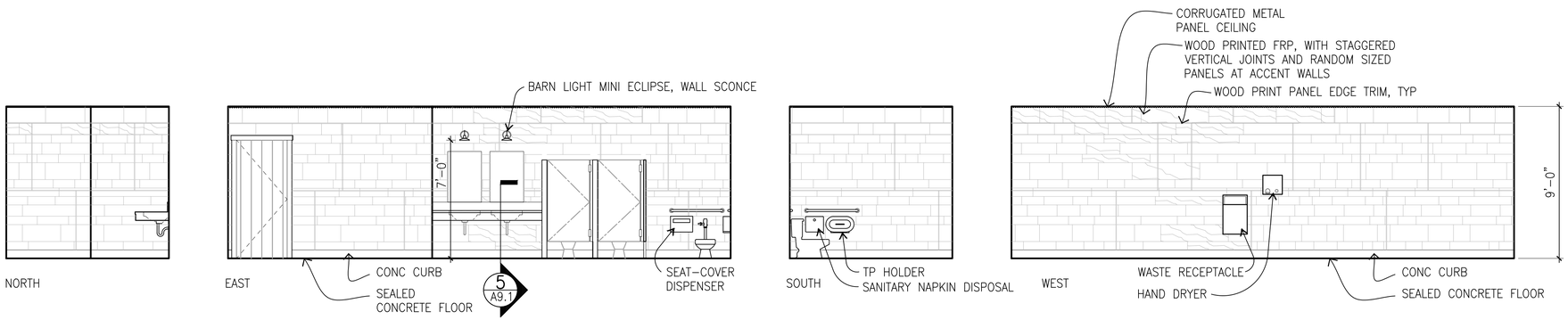
GENERAL INTERIOR ELEVATION NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SECTIONS AND RCP'S FOR ADDITIONAL INFORMATION.
3. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
4. ALL CONDUITS ARE CONCEALED.
5. SEE SHEET G6.0 FOR TOILET ROOM ACCESSORIES AND MOUNTING HEIGHT SCHEDULE



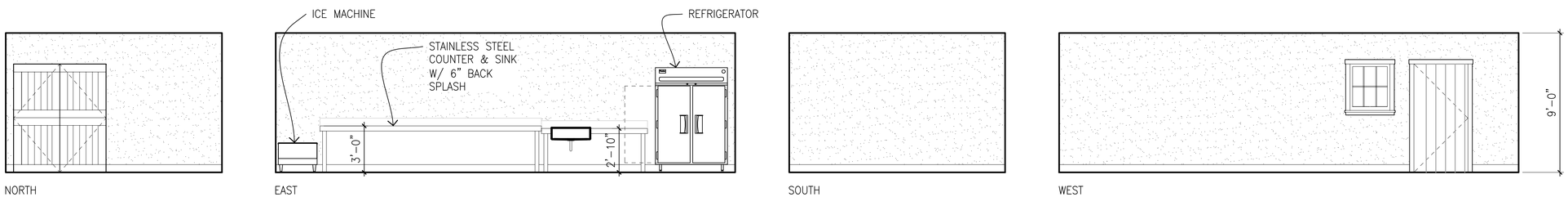
3 A5.1 BARN BUILDING – MEN'S RESTROOM

SCALE: (J) 1/4" = 1'-0"



2 A5.1 BARN BUILDING – WOMEN'S RESTROOM

SCALE: (J) 1/4" = 1'-0"



1 A5.1 BARN BUILDING – CATERING KITCHEN

SCALE: (J) 1/4" = 1'-0"

SCALE (J) 1/4" = 1'-0" — 4 0 4 8 — SCALE OF FEET

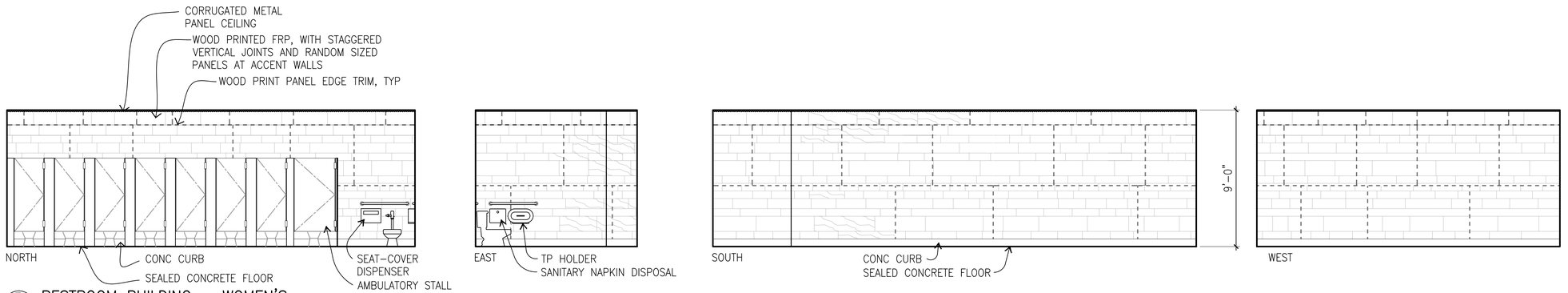
100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04-30-23 STATE OF CALIFORNIA

DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A5.1	TITLE OF SHEET: BARN BUILDING INTERIOR ELEVATIONS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 70 OF 199

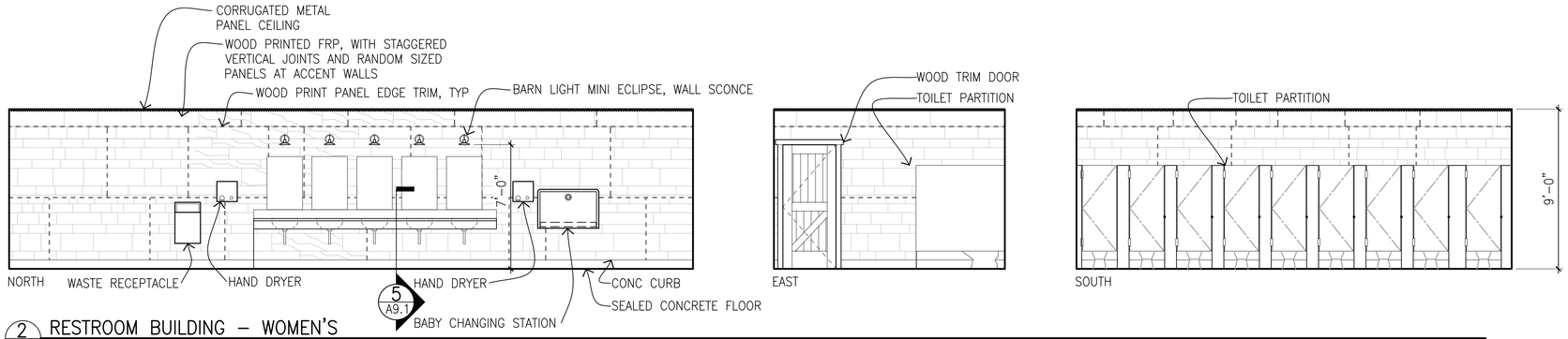
GENERAL INTERIOR ELEVATION NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SECTIONS AND RCP'S FOR ADDITIONAL INFORMATION.
3. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
4. ALL CONDUITS ARE CONCEALED.
5. SEE SHEET G6.0 FOR TOILET ROOM ACCESSORIES AND MOUNTING HEIGHT SCHEDULE



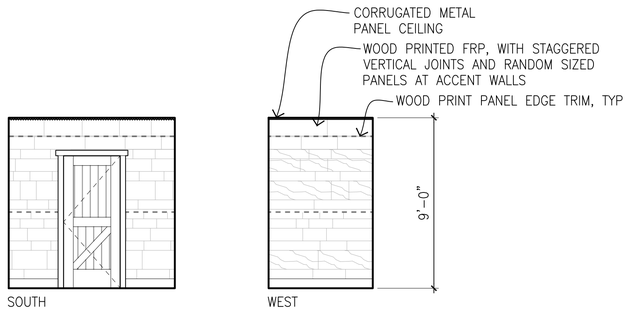
3 / A5.2 RESTROOM BUILDING – WOMEN'S

SCALE: Ⓙ 1/4" = 1'-0"



2 / A5.2 RESTROOM BUILDING – WOMEN'S

SCALE: Ⓙ 1/4" = 1'-0"



1 / A5.2 RESTROOM BUILDING – WOMEN'S

SCALE: Ⓙ 1/4" = 1'-0"

SCALE Ⓙ 1/4" = 1'-0" — 4 0 4 8 — SCALE OF FEET

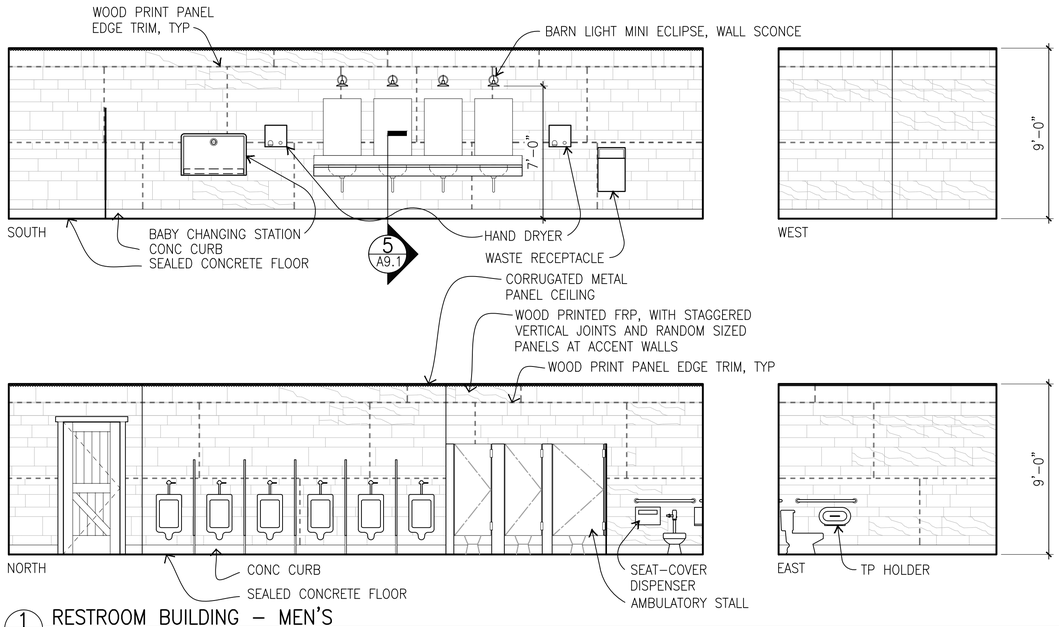
100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04-30-23 STATE OF CALIFORNIA

DESIGNED: DC, GK, JC	SUB SHEET NO.	TITLE OF SHEET: RESTROOM BUILDING INTERIOR ELEVATIONS	DRAWING NO. 638 182819
CADD: JC, MGB	A5.2	SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	PMIS/PKG NO. 303051
TECH. REVIEW: DC/SM			SHEET 71 OF 200
DATE: 7-15-2022			

GENERAL INTERIOR ELEVATION NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SECTIONS AND RCP'S FOR ADDITIONAL INFORMATION.
3. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
4. ALL CONDUITS ARE CONCEALED.
5. SEE SHEET G6.0 FOR TOILET ROOM ACCESSORIES AND MOUNTING HEIGHT SCHEDULE



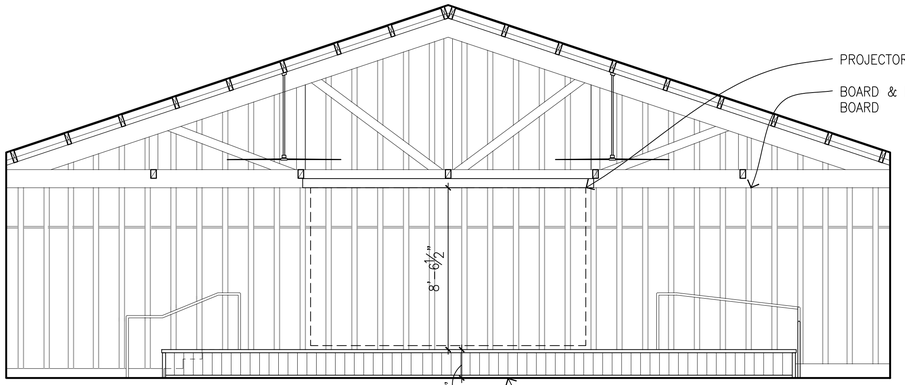
1 A5.3 RESTROOM BUILDING – MEN'S
SCALE: (J) 1/4" = 1'-0"

SCALE (J) 1/4" = 1'-0" 4 0 4 8 SCALE OF FEET

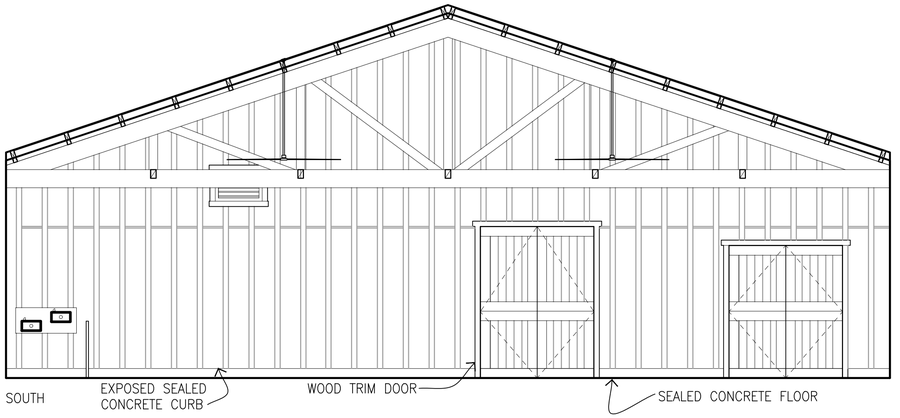
LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04-30-23 STATE OF CALIFORNIA

100% FINAL CONSTRUCTION DOCUMENTS

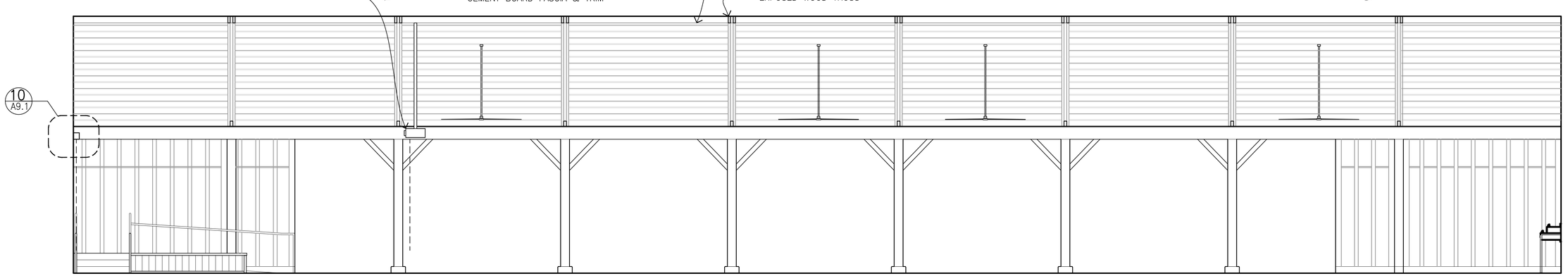
DESIGNED: DC, GK, JC DRAWN: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A5.3	TITLE OF SHEET RESTROOM BUILDING INTERIOR ELEVATIONS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 72 OF 200



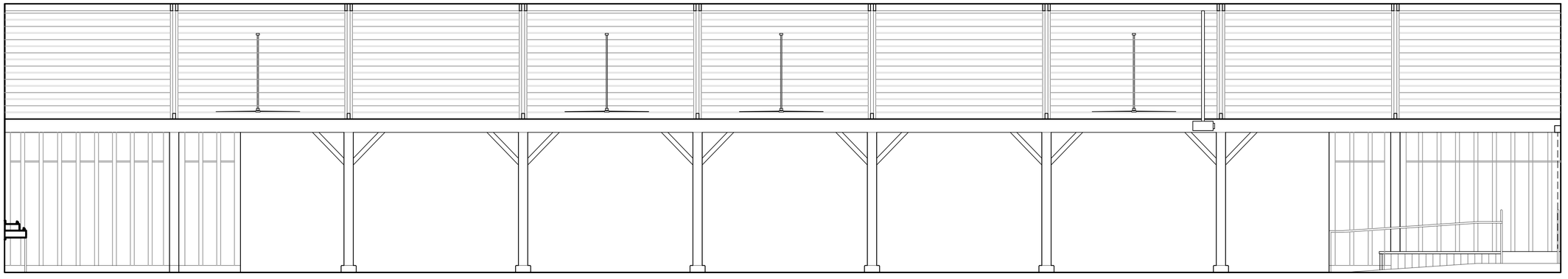
NORTH



SOUTH



EAST



1 A5.4 PAVILION BUILDING – SEATING AREA

SCALE: (J) 1/4" = 1'-0"

SCALE (J) 1/4" = 1'-0" 4 0 4 8 SCALE OF FEET

GENERAL INTERIOR ELEVATION NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SECTIONS AND RCP'S FOR ADDITIONAL INFORMATION.
3. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
4. ALL CONDUITS ARE CONCEALED.

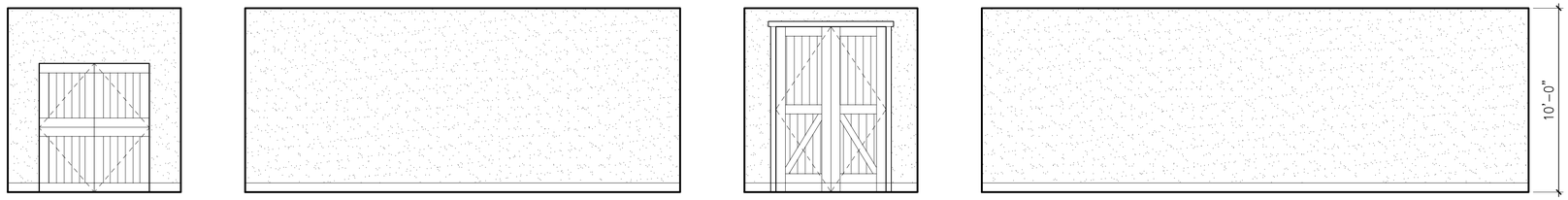
LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 RENEWAL 04-30-23 STATE OF CALIFORNIA

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A5.4	TITLE OF SHEET PAVILION BUILDING INTERIOR ELEVATIONS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 73 OF 200

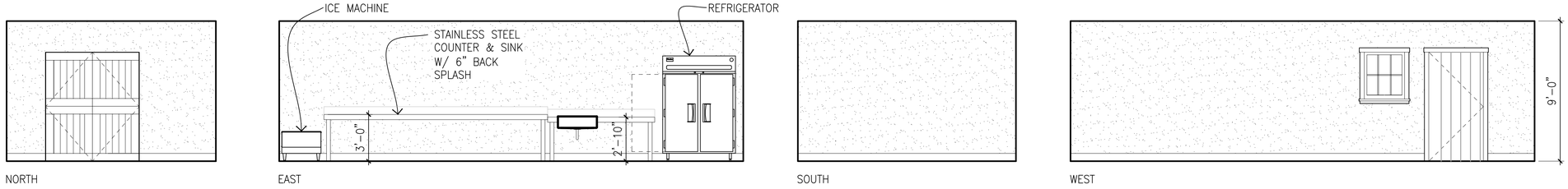
GENERAL INTERIOR ELEVATION NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SECTIONS AND RCP'S FOR ADDITIONAL INFORMATION.
3. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
4. ALL CONDUITS ARE CONCEALED.
5. SEE SHEET G6.0 FOR TOILET ROOM ACCESSORIES AND MOUNTING HEIGHT SCHEDULE



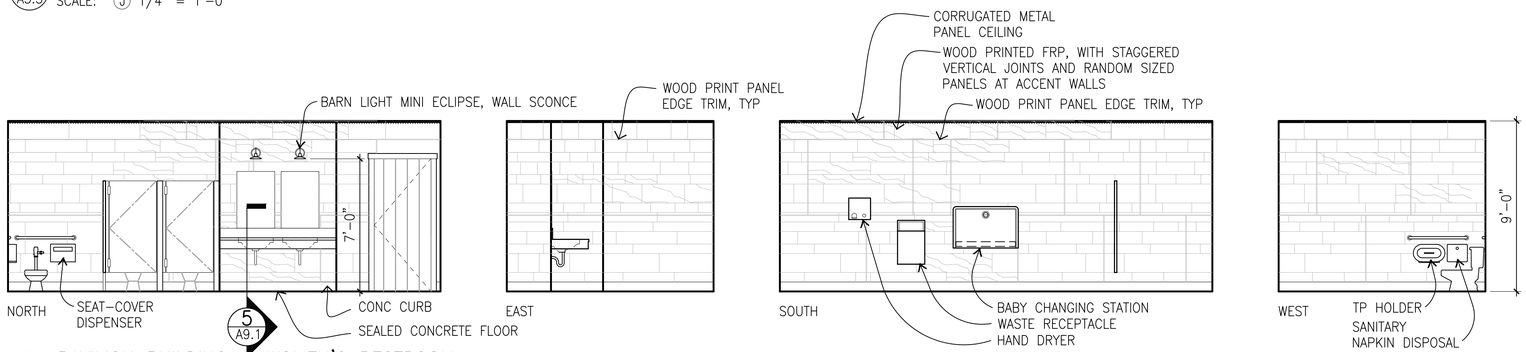
4 A5.5 PAVILION BUILDING – EVENT STORAGE

SCALE: (J) 1/4" = 1'-0"



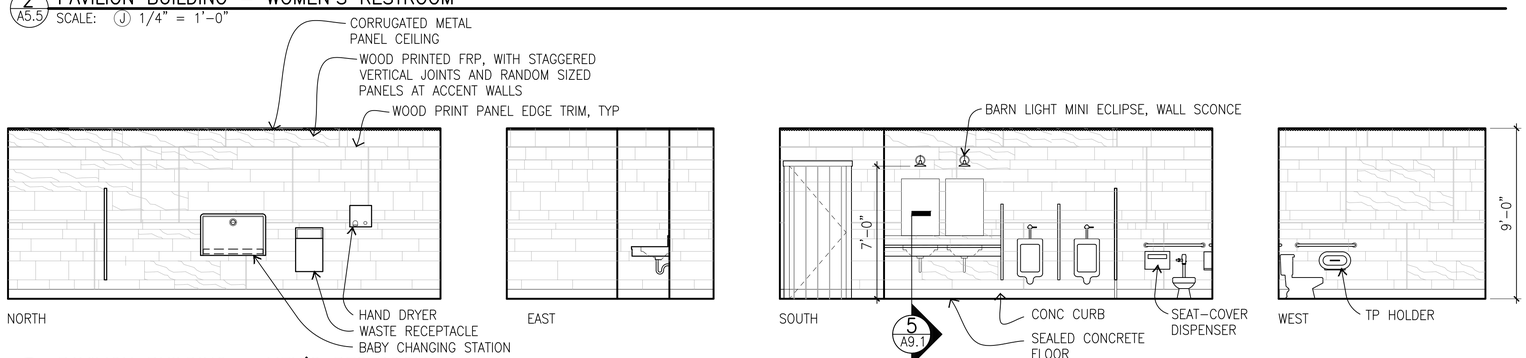
3 A5.5 PAVILION BUILDING – CATERING KITCHEN

SCALE: (J) 1/4" = 1'-0"



2 A5.5 PAVILION BUILDING – WOMEN'S RESTROOM

SCALE: (J) 1/4" = 1'-0"



1 A5.5 PAVILION BUILDING – MEN'S RESTROOM

SCALE: (J) 1/4" = 1'-0"

SCALE (J) 1/4" = 1'-0" — 4 0 4 8 SCALE OF FEET

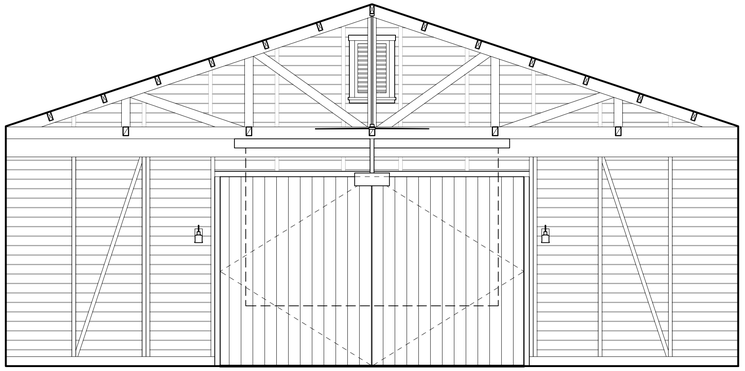
LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04-30-23 STATE OF CALIFORNIA

100% FINAL CONSTRUCTION DOCUMENTS

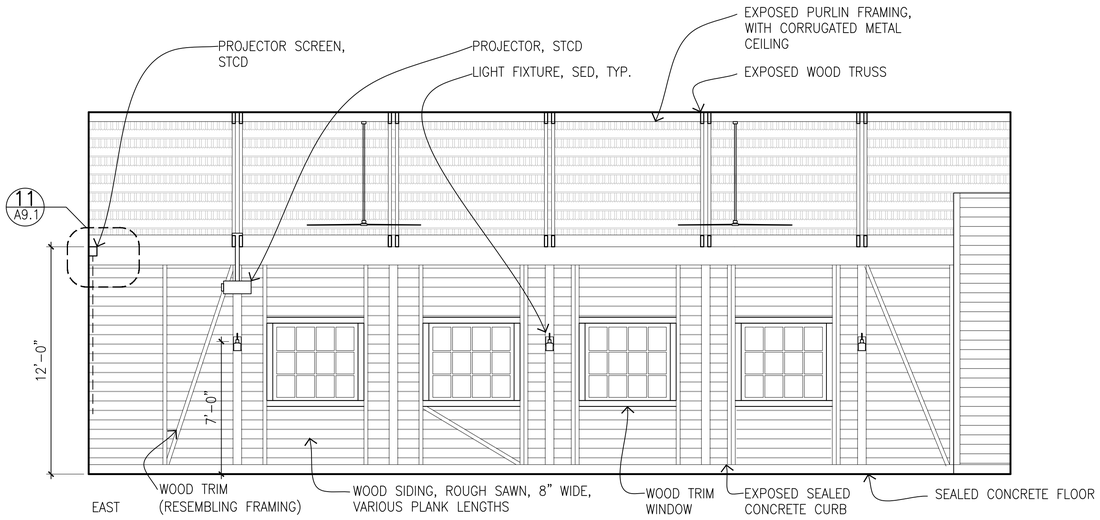
DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A5.5	TITLE OF SHEET: PAVILION BUILDING INTERIOR ELEVATIONS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 74 OF 200

GENERAL INTERIOR ELEVATION NOTES

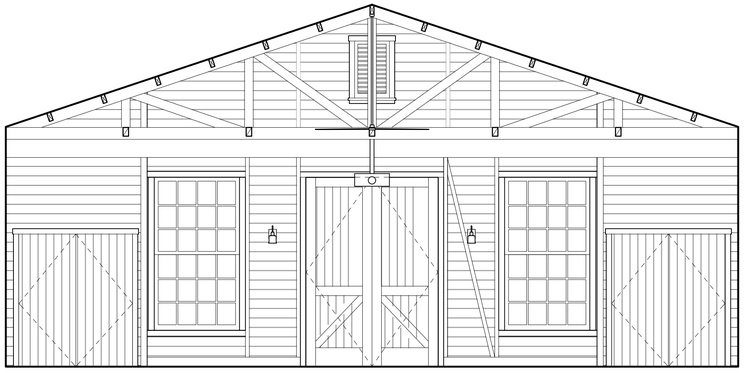
1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SECTIONS AND RCP'S FOR ADDITIONAL INFORMATION.
3. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
4. ALL CONDUITS ARE CONCEALED.



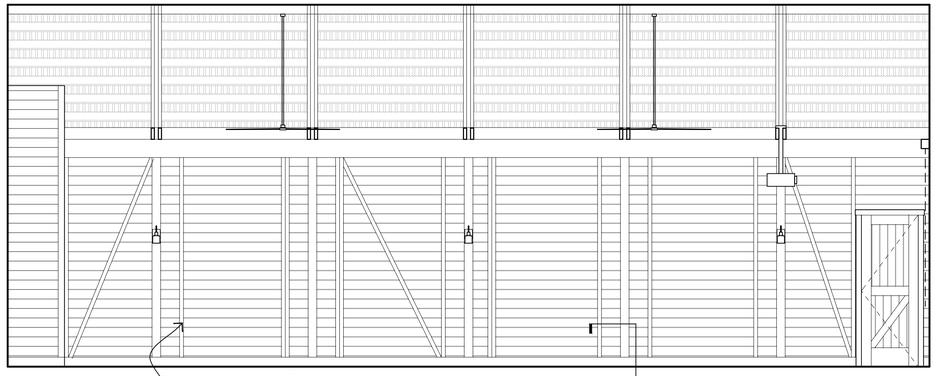
NORTH



EAST



SOUTH



WEST

1 A5.6 SMALL EVENT BUILDING – SEATING AREA

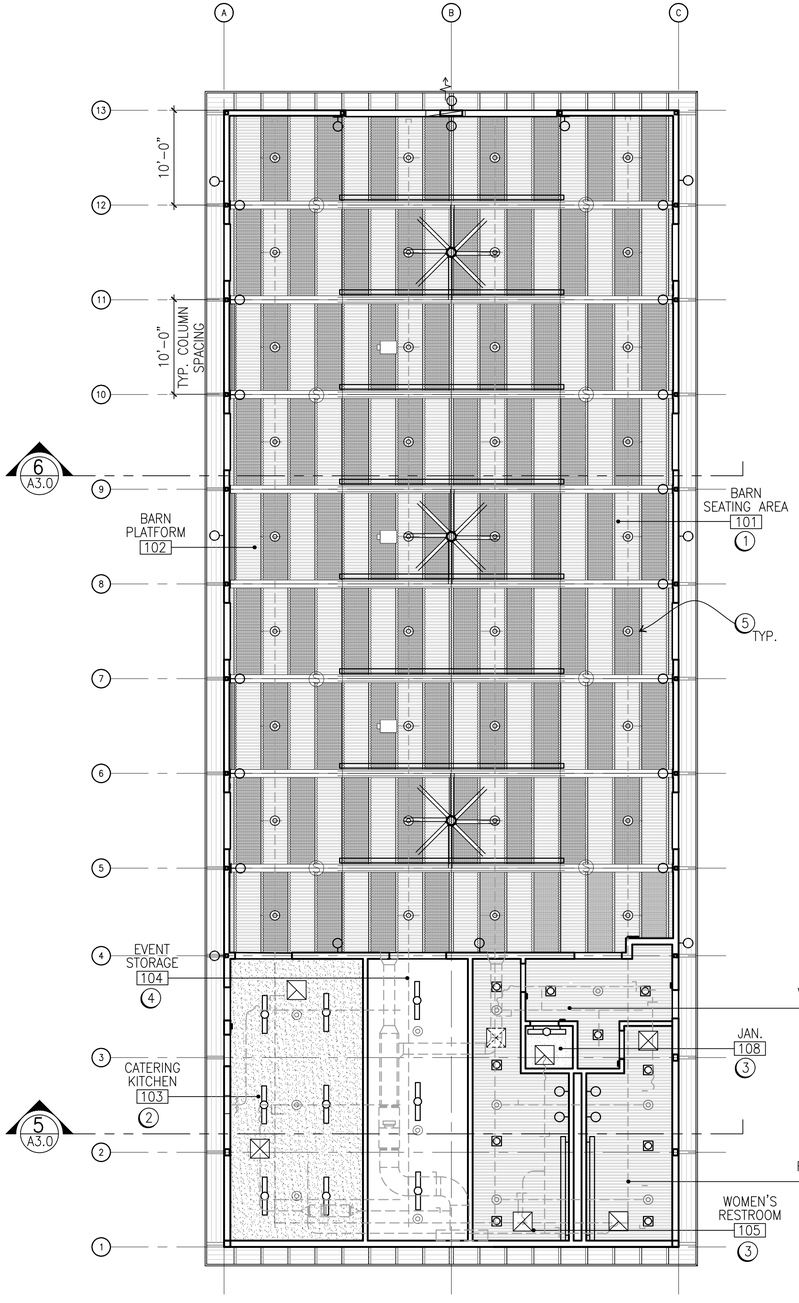
SCALE: (J) 1/4" = 1'-0"

SCALE (J) 1/4" = 1'-0" — 4 0 4 8 — SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04-30-23 STATE OF CALIFORNIA

DESIGNED: DC, GK, JC	SUB SHEET NO.	TITLE OF SHEET: SMALL EVENT BUILDING INTERIOR ELEVATIONS	DRAWING NO. 638 182819
CADD: JC, MGB	A5.6	SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	PMIS/PKG NO. 303051
TECH. REVIEW: DC/SM			SHEET 75 OF 200
DATE: 7-15-2022			



1 A6.0 BARN RCP
SCALE: K

GENERAL RCP NOTES

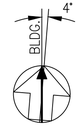
1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. SEE SHEET G5.0 EGRESS PLAN FOR OCCUPANCY
3. PROVIDE AUTOMATIC FIRE-SPRINKLERS
4. ALL CONDUITS ARE CONCEALED.
5. REFER TO ELEVATIONS AND SECTIONS FOR EXTERIOR WALL ASSEMBLY, AND ROOF ASSEMBLY INFORMATION
6. CENTER ALL LIGHT FIXTURES W/ ROOMS, TILES, OR ARCHITECTURAL ELEMENTS. ALIGN SPRINKLERS & GRILLES W/ FIXTURES.

RCP KEY NOTES

1. CEILING EXPOSED TO ROOF FRAMING, WITH EXPOSED TRUSSES, PARTIALLY EXPOSED PURLINS, WITH BATT INSULATION, AND CORRUGATED METAL PANELS BETWEEN, 50% OF CORRUGATED PANELS ARE PERFORATED ACOUSTICAL PANELS, AND EXPOSED MECHANICAL DUCTWORK.
2. FRAMED GYP BD CEILING
3. FRAMED CEILING W/ PREFINISHED CORRUGATED METAL PANELS
4. NO CEILING- OPEN TO ROOF FRAMING BEYOND
5. ACOUSTICALLY ABSORBTIVE PANEL; PERFORATED PREFINISHED CORRUGATED METAL PANEL, OPEN TO BATT INSULATION IN CAVITY, W/ SCRIM CLOTH. REFER TO DETAIL 4/A9.1.

RCP LEGEND

- RETURN GRILLE, SMD
- SUPPLY GRILLE, SMD
- EXHAUST GRILLE, SMD
- FAN, SMD
- PROJECTOR, STD
- PROJECTOR SCREEN, SMD
- SPEAKER, SMD
- FIRE SPRINKLER HEAD, SFPD
- RECESSED LUMINAIRE, SED
- SURFACE OR PENDANT MOUNTED STRIPLIGHT, SED
- WALL MOUNTED 6" WIDE LUMINAIRE, SED
- WALL MOUNTED SCONCE, SED

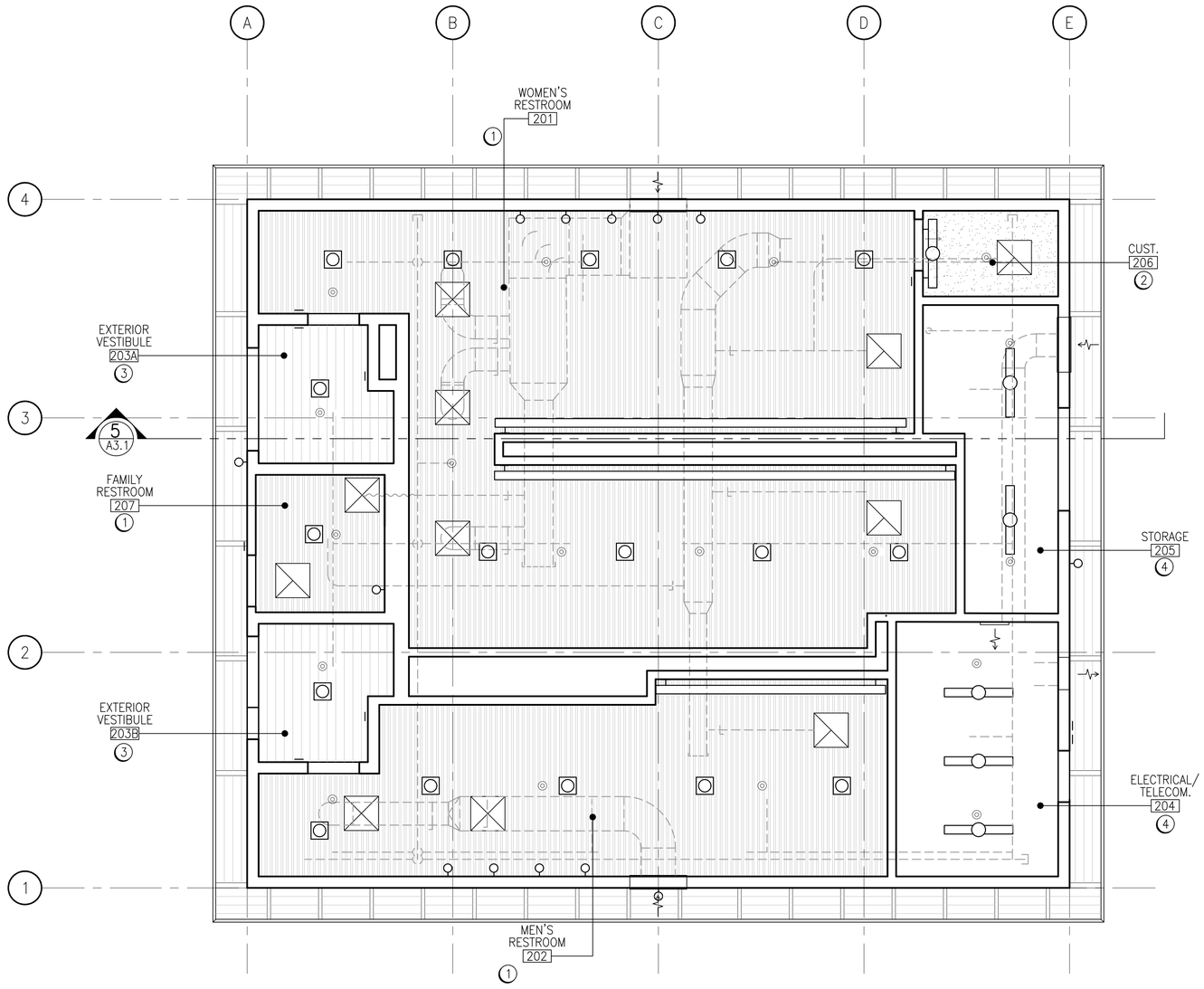


SCALE K 1/8" = 1'-0"
8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: DC, GK, JC CADD JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A6.0	TITLE OF SHEET BARN BUILDING REFLECTED CEILING PLAN SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 76 OF 200

LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04-30-23 STATE OF CALIFORNIA



1 A6.1 RESTROOM BUILDING RCP

SCALE: J

GENERAL RCP NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. PROVIDE AUTOMATIC FIRE–SPRINKLERS
3. REFER TO ELEVATIONS AND SECTIONS FOR EXTERIOR WALL ASSEMBLY, AND ROOF ASSEMBLY INFORMATION
4. ALL CONDUITS AND PIPING ARE CONCEALED
5. REFER TO ELEVATIONS AND SECTIONS FOR EXTERIOR WALL ASSEMBLY, AND ROOF ASSEMBLY INFORMATION
6. CENTER ALL LIGHT FIXTURES W/ ROOMS, TILES, OR ARCHITECTURAL ELEMENTS. ALIGN SPRINKLERS & GRILLES W/ FIXTURES.

RCP KEY NOTES

1. FRAMED CEILING W/ PREFINISHED CORRUGATED METAL PANELS
2. FRAMED GYP BD CEILING
3. FRAMED CEILING WITH 'WOOD PLANK' CEMENT BOARD FINISH
4. NO CEILING, OPEN TO FRAMING BEYOND

RCP LEGEND

- RETURN GRILLE, SMD
- SUPPLY GRILLE, SMD
- EXHAUST GRILLE, SMD
- FIRE SPRINKLER HEAD, SFPD
- RECESSED LUMINAIRE
- SURFACE OR PENDANT MOUNTED STRIPLIGHT, SED
- WALL MOUNTED 6" WIDE LUMINAIRE, SED
- SCONCE, SED
- WALL MOUNTED, WALL WASH LUMINAIRE, SED

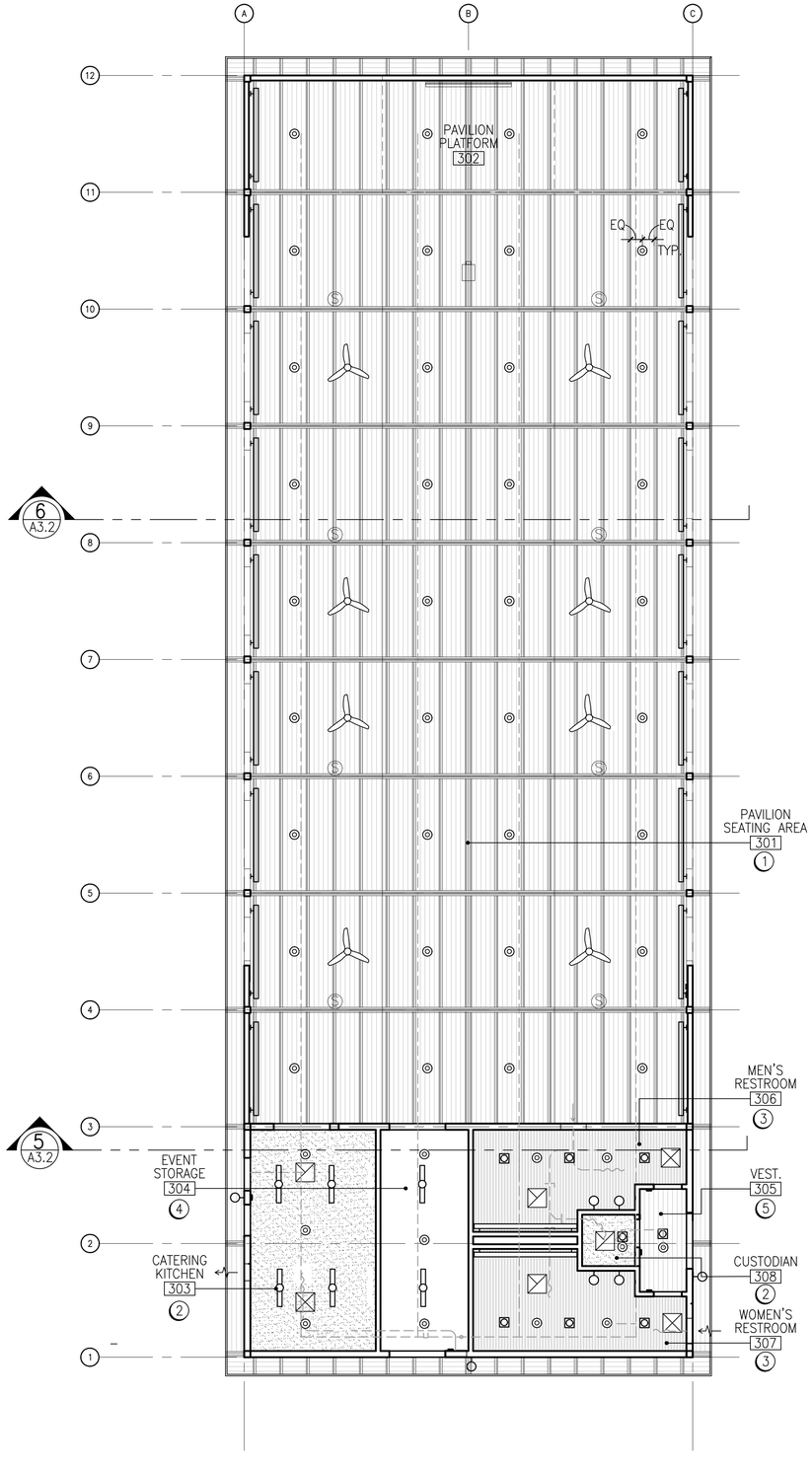
BLDG. 4°

SCALE J 1/4" = 1'–0" 4 0 4 8 SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04–30–23 STATE OF CALIFORNIA

DESIGNED: DC, GK, JC	SUB SHEET NO. A6.1	TITLE OF SHEET: RESTROOM BUILDING REFLECTED CEILING PLAN SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819
CADD JC, MGB			PMIS/PKG NO. 303051
TECH. REVIEW: DC/SM			SHEET 77 OF 200
DATE: 7–15–2022			



1 A6.2 PAVILION RCP
SCALE: (K)

GENERAL RCP NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. PROVIDE AUTOMATIC FIRE–SPRINKLERS
3. REFER TO ELEVATIONS AND SECTIONS FOR EXTERIOR WALL ASSEMBLY, AND ROOF ASSEMBLY INFORMATION.
4. ALL CONDUITS ARE CONCEALED.
5. REFER TO ELEVATIONS AND SECTIONS FOR EXTERIOR WALL ASSEMBLY, AND ROOF ASSEMBLY INFORMATION
6. CENTER ALL LIGHT FIXTURES W/ ROOMS, TILES, OR ARCHITECTURAL ELEMENTS. ALIGN SPRINKLERS & GRILLES W/ FIXTURES.

RCP KEY NOTES

1. CEILING EXPOSED TO ROOF FRAMING, WITH EXPOSED TRUSSES, EXPOSED PURLINS, WITH WOOD PLANK CEMENT BOARD BETWEEN PURLINS AT BOTTOM FACE OF DECK
2. FRAMED GYP BD. CEILING
3. FRAMED CEILING W/ PREFINISHED CORRUGATED METAL PANEL
4. NO CEILING, OPEN TO ROOF FRAMING BEYOND
5. FRAMED CEILING WITH 'WOOD PLANK' CEMENT BOARD FINISH

RCP LEGEND

- RETURN GRILLE, SMD
- SUPPLY GRILLE, SMD
- EXHAUST GRILLE, SMD
- FAN, SMD
- PROJECTOR, STD
- PROJECTOR SCREEN, SMD
- SPEAKER, SMD
- FIRE SPRINKLER HEAD, SFPD
- RECESSED LUMINAIRE
- SURFACE OR PENDANT MOUNTED STRIPLIGHT, SED
- WALL MOUNTED 6" WIDE LUMINAIRE, SED
- WALL MOUNTED SCONCE, SED

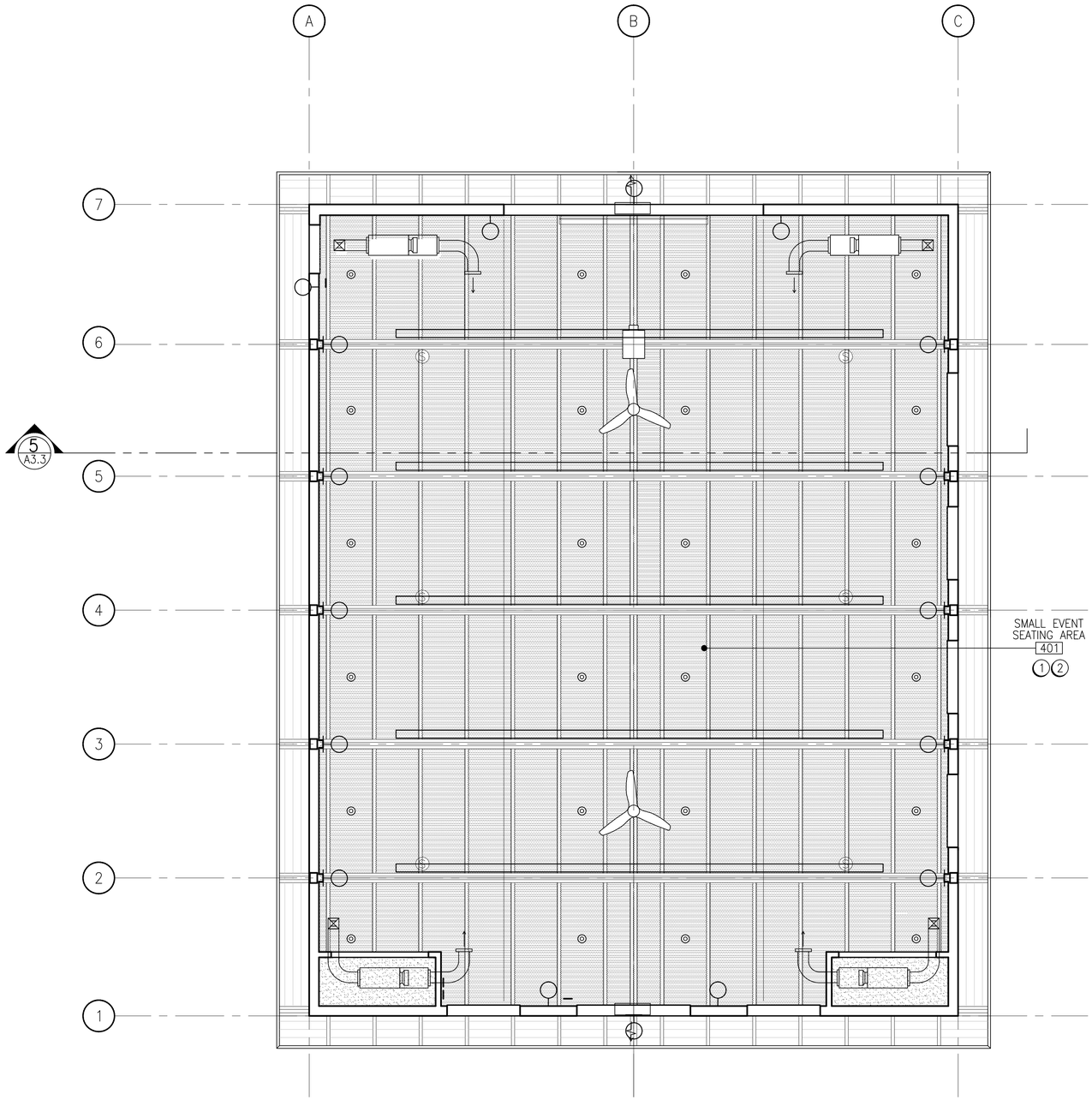
BLDG. 4°

SCALE (K) 1/8" = 1'–0"
8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04–30–23 STATE OF CALIFORNIA

DESIGNED: DC, GK, JC CADD JC, MGB TECH. REVIEW: DC/SM DATE: 7–15–2022	SUB SHEET NO. A6.2	TITLE OF SHEET PAVILION BUILDING REFLECTED CEILING PLAN SAMO– REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 78 OF 200



1 A6.3 SMALL EVENT BUILDING RCP
SCALE: J

GENERAL RCP NOTES

1. SEE GENERAL PROJECT NOTES ON SHEET G3.0.
2. PROVIDE AUTOMATIC FIRE-SPRINKLERS
3. REFER TO ELEVATIONS AND SECTIONS FOR EXTERIOR WALL ASSEMBLY, AND ROOF ASSEMBLY INFORMATION.
4. ALL CONDUITS ARE CONCEALED.
5. REFER TO ELEVATIONS AND SECTIONS FOR EXTERIOR WALL ASSEMBLY, AND ROOF ASSEMBLY INFORMATION
6. CENTER ALL LIGHT FIXTURES W/ ROOMS, TILES, OR ARCHITECTURAL ELEMENTS. ALIGN SPRINKLERS & GRILLES W/ FIXTURES.
7. ALL EXPOSED DUCTWORK IS PAINTED

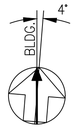
RCP KEY NOTES

(1) CEILING EXPOSED TO ROOF FRAMING, WITH EXPOSED TRUSSES, PARTIALLY EXPOSED PURLINS, WITH BATT INSULATION, AND CORRUGATED METAL PANELS BETWEEN, 100% OF CORRUGATED PANELS ARE PERFORATED ACOUSTICAL PANELS, AND EXPOSED MECHANICAL DUCTWORK.

(2) ACOUSTICALLY ABSORPTIVE PANEL: PRE-FINISHED PERFORATED CORRUGATED METAL PANEL, OPEN TO BATT INSULATION IN WALL CAVITY, W/ SCRIM CLOTH. REFER TO DETAIL 4/A9.1.

RCP LEGEND

- RETURN GRILLE, SMD
- SUPPLY GRILLE, SMD
- EXHAUST GRILLE, SMD
- FAN, SMD
- PROJECTOR, STD
- PROJECTOR SCREEN, SMD
- (S) SPEAKER, SMD
- FIRE SPRINKLER HEAD, SFPD
- RECESSED LUMINAIRE
- SURFACE OR PENDANT MOUNTED STRIPLIGHT, SED
- WALL MOUNTED 6" WIDE LUMINAIRE, SED
- WALL MOUNTED SCONCE, SED

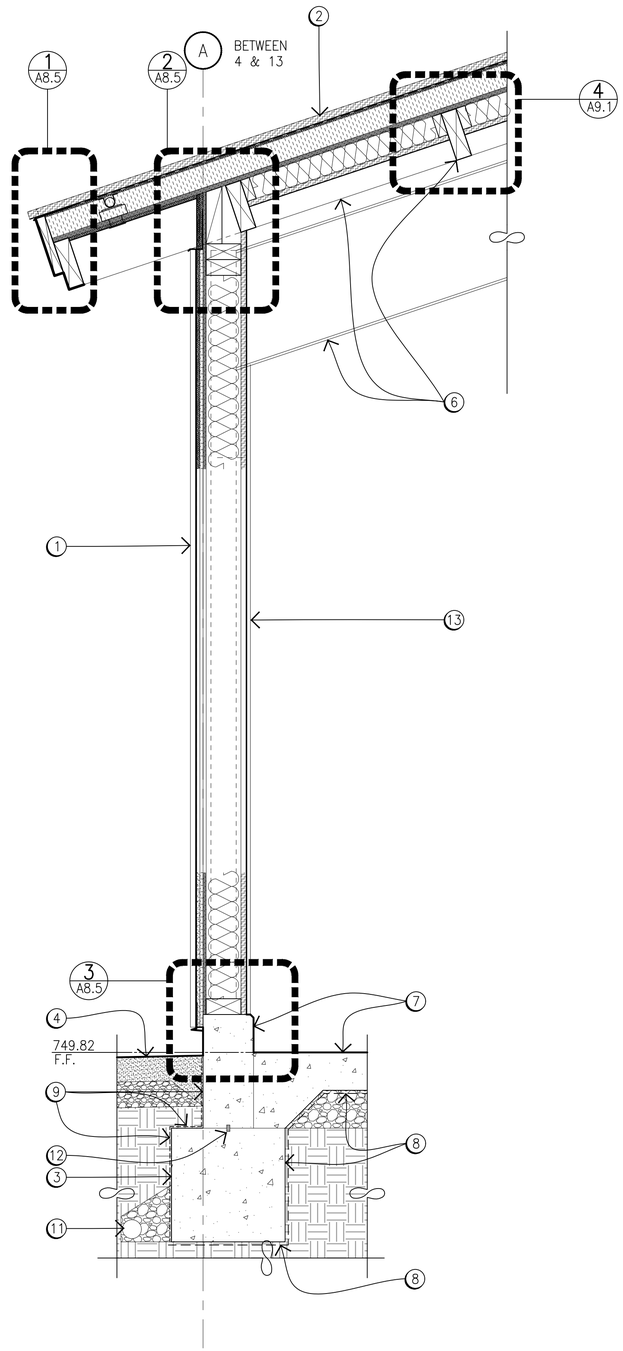


SCALE J 1/4" = 1'-0"
4 0 4 8
SCALE OF FEET

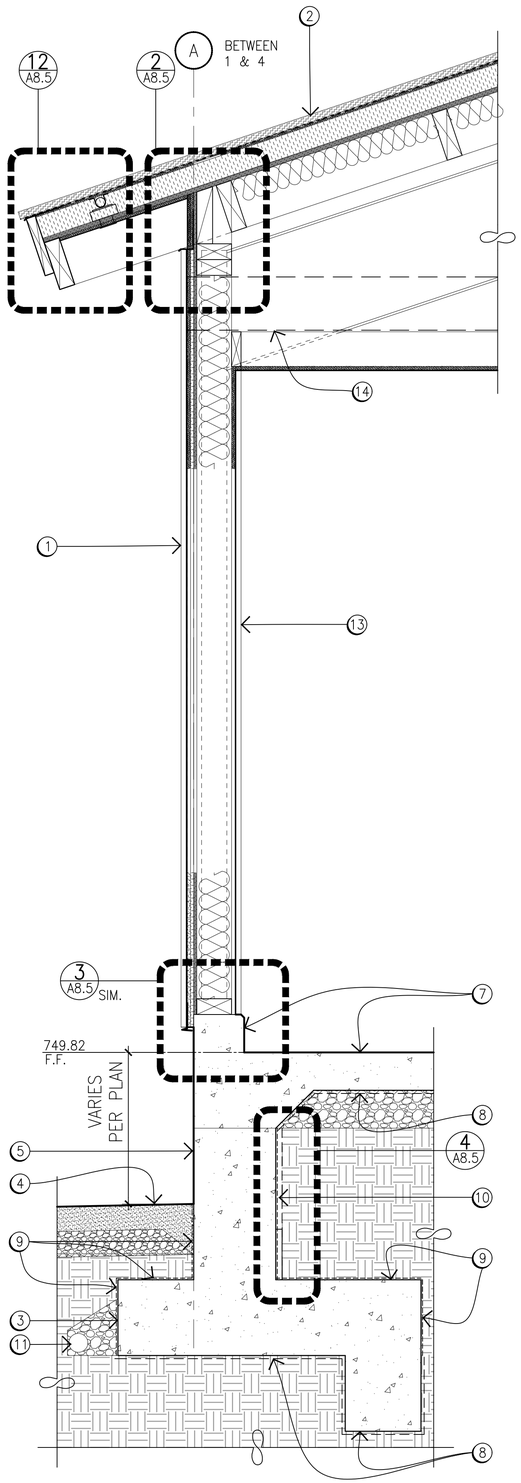
100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA

DESIGNED: DC, GK, JC CADD JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A6.3	TITLE OF SHEET SMALL EVENT BLDG. REFLECTED CIELING PLAN SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 79 OF 200



2 A8.0 WALL SECTIONS
SCALE: —



1 A8.0 WALL SECTIONS
SCALE: —

WALL SECTION KEY NOTES

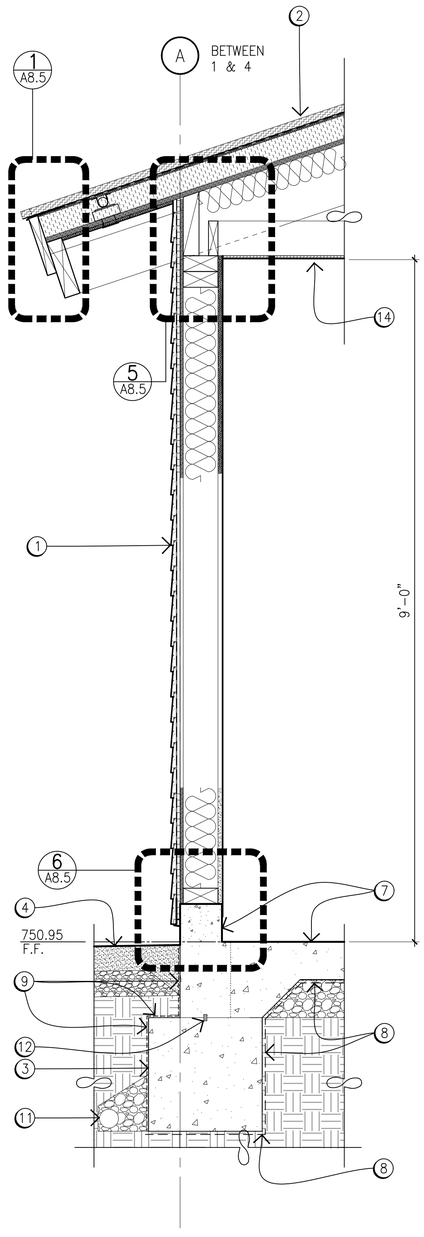
1. EXTERIOR WALL ASSEMBLY; 1-HR FIRE RESISTIVE CONSTRUCTION AT EXTERIOR FACE, W/ PAINTED CORRUGATED METAL WALL PANELS, OVER NON-COMBUSTIBLE WALL BOARD, WEATHER BARRIER, 1/2" RIGID INSULATION, PLY WD SHEATHING PER STRUCTURAL, 2X WOOD FRAMING, W/BATT INSULATION, AND CORRUGATED METAL WALL PANELS, NATURAL FINISH.
2. ROOF ASSEMBLY, CLASS A; CORTEN CORRUGATED METAL ROOF PANELS, OVER ROOFING UNDERLAYMENT, 1/2" PROTECTION BOARD, AND 5/8" PLY WD BONDED TO 3.5" RIGID INSULATION, ON PLY WD DECK PER STRUCTURAL, W/3X8 PURLINS, 3.5" BATT INSULATION AND CORRUGATED METAL CEILING PANELS W/NATURAL FINISH, @ SOFFITS PROVIDE 3/4" WOOD TEXTURED CEMENT BOARD 5.5" WIDE PLANK @ UNDER SIDE OF PLY WD DECK BETWEEN EXPOSED RAFTER TAILS, AND 2X FASCIA.
3. FOUNDATION, SSD
4. STABILIZED DECOMPOSED GRANITE, SLAD
5. SACK FINISH EXPOSED CONCRETE, PAINTED
6. EXPOSED STRUCTURAL FRAMING, SSD, PAINTED
7. EXPOSED CONCRETE SLAB AND CURB, SEALED
8. BELOW SLAB VAPOR BARRIER
9. BELOW GRADE FLUID APPLIED WATERPROOFING
10. BELOW GRADE DRAINAGE BOARD AND CHANNEL, OVER FLUID APPLIED WATERPROOFING
11. PERFORATED DRAIN PIPE IN GRAVEL
12. WATER STOP
13. 2X WOOD TRIM AT COLUMNS, STAINED
14. DUCTWORK, AND LOUVER WHERE OCCURS PER PLAN, SMD

SCALE (E) 1" = 1'-0"
1 0 1 2
SCALE OF FEET

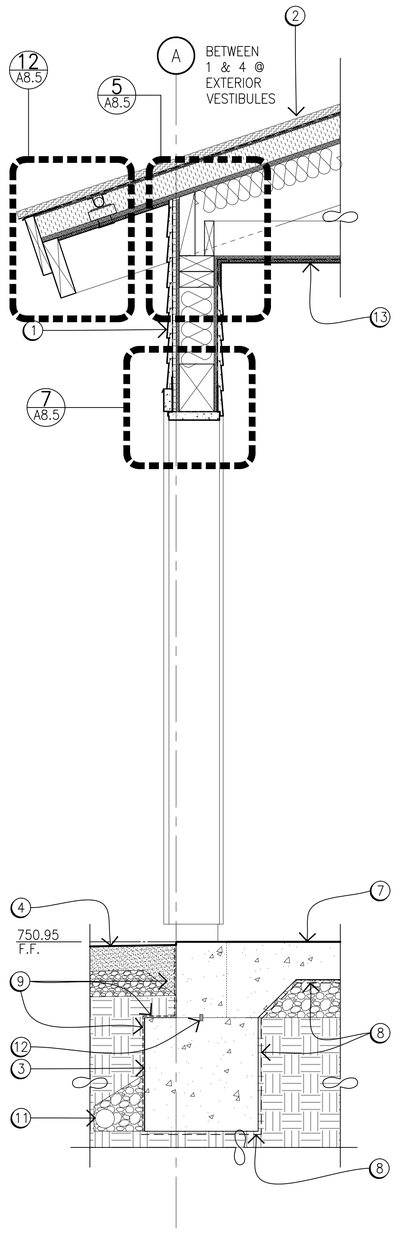
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: DC, GK, JC DRAWN: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A8.0	TITLE OF SHEET BARN BUILDING WALL SECTIONS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 80 OF 200

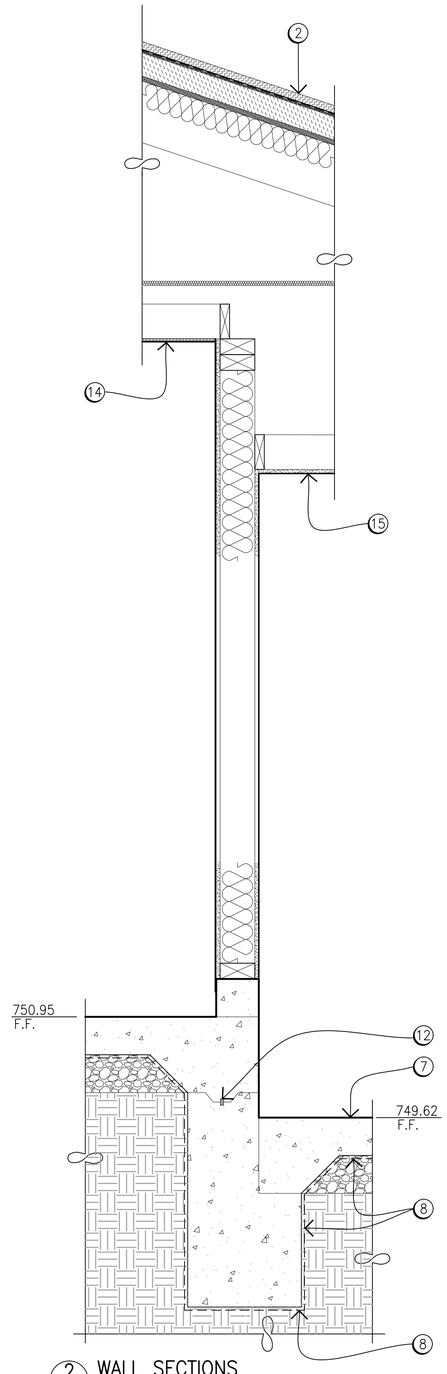
LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA



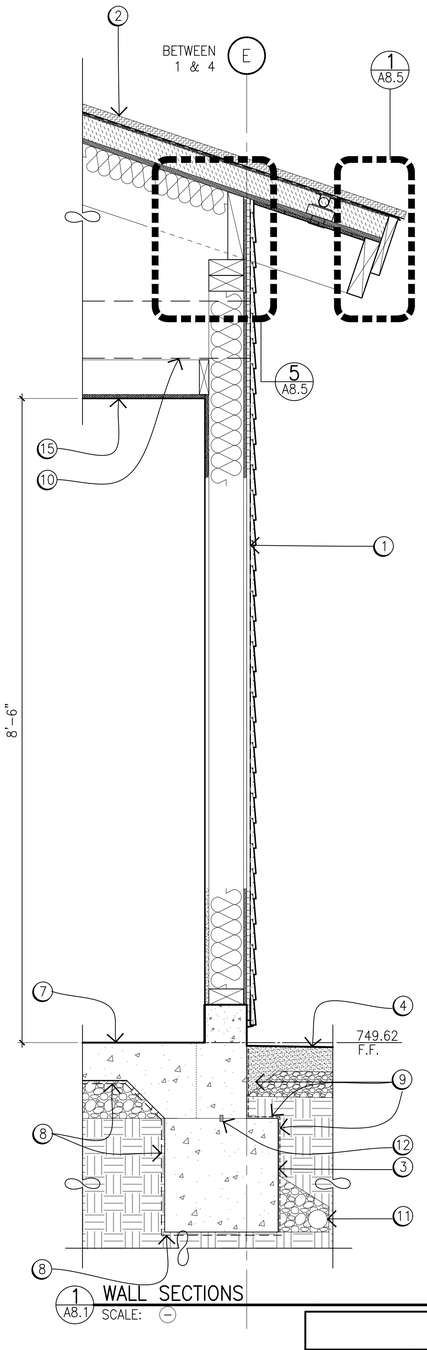
4 A8.1 WALL SECTIONS
SCALE: —



3 A8.1 WALL SECTIONS
SCALE: —



2 A8.1 WALL SECTIONS
SCALE: —



1 A8.1 WALL SECTIONS
SCALE: —

WALL SECTION KEY NOTES

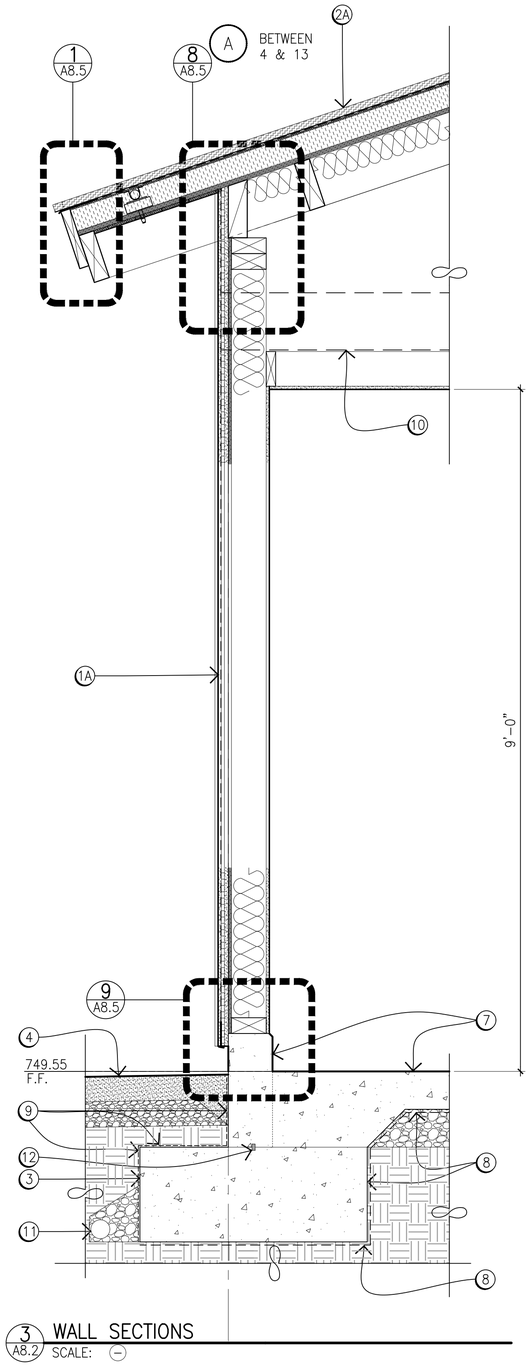
1. EXTERIOR WALL ASSEMBLY; 1-HR FIRE RESISTIVE CONSTRUCTION AT EXTERIOR FACE, W/HORIZONTAL PLANK CEMENT BOARD, WOOD TEXTURED, EXTERIOR FINISH, 1/2" RIGID INSULATION, OVER PLY WD PER STRUCTURAL, W/ WEATHER BARRIER, BATT INSULATION, 2X WOOD FRAMING, AND 5/8" TYPE X GYP BD INTERIOR FINISH
2. ROOF ASSEMBLY, CLASS A; CORTEN CORRUGATED METAL ROOF PANELS, OVER ROOFING MEMBRANE, 1/2" PROTECTION BOARD, AND 5/8 PLY WD BONDED TO 3.5" RIGID INSULATION, ON 3/4" PLY WD SHEATHING DECK, AND 3.5" BATT INSULATION AT UNDERSIDE OF ROOF DECK, W/ EXPOSED 3X10 PURLINS AT SOFFITS PROVIDE 3/4" WOOD TEXTURED CEMENT BOARD 5.5" WIDE PLANKS AT UNDERSIDE OF PLY WD DECK BETWEEN EXPOSED RAFTER TAILS, AND 2X FASCIA.
3. FOUNDATION, SSD
4. STABILIZED DECOMPOSED GRANITE, SLAD
5. (NOT USED)
6. EXPOSED STRUCTURAL FRAMING, SSD, PAINTED
7. EXPOSED CONCRETE SLAB AND CURB, SEALED
8. BELOW SLAB VAPOR BARRIER
9. BELOW GRADE FLUID APPLIED WATERPROOFING
10. DUCTWORK, AND LOUVER WHERE OCCURS PER PLAN, SMD
11. PERFORATED DRAIN PIPE IN GRAVEL
12. WATER STOP
13. CEMENT BOARD PLANK, WOOD TEXTURE FINISH, SOFFIT
14. FRAMED CEILING W/CORRUGATED METAL PANELS
15. FRAMED GYP BD CEILING

SCALE (E) 1" = 1'-0"
1 0 1 2
SCALE OF FEET

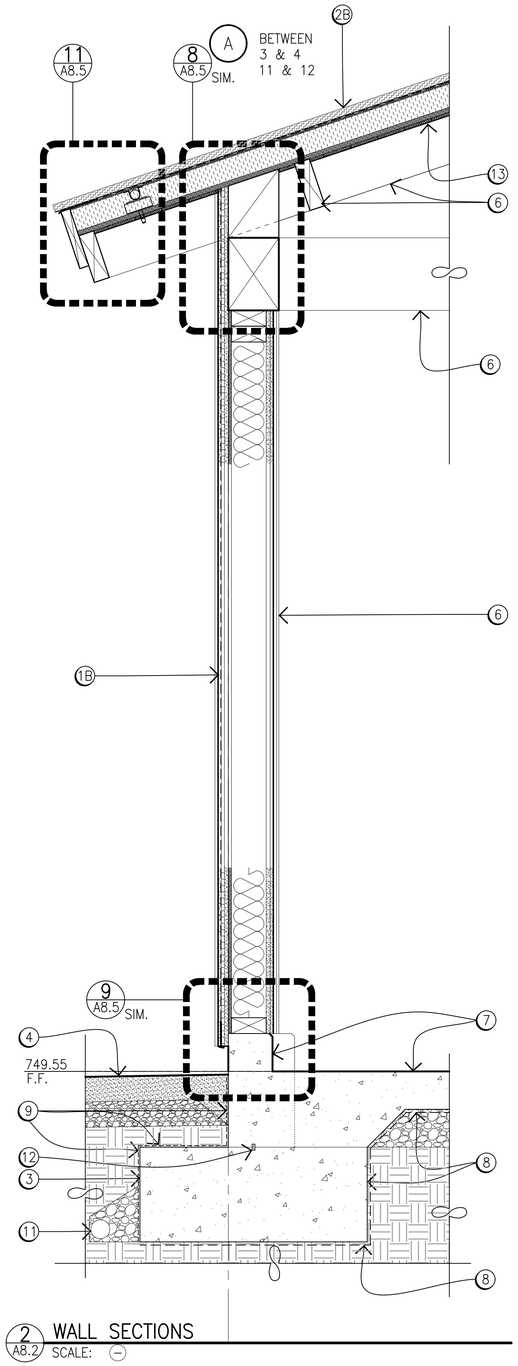
100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA

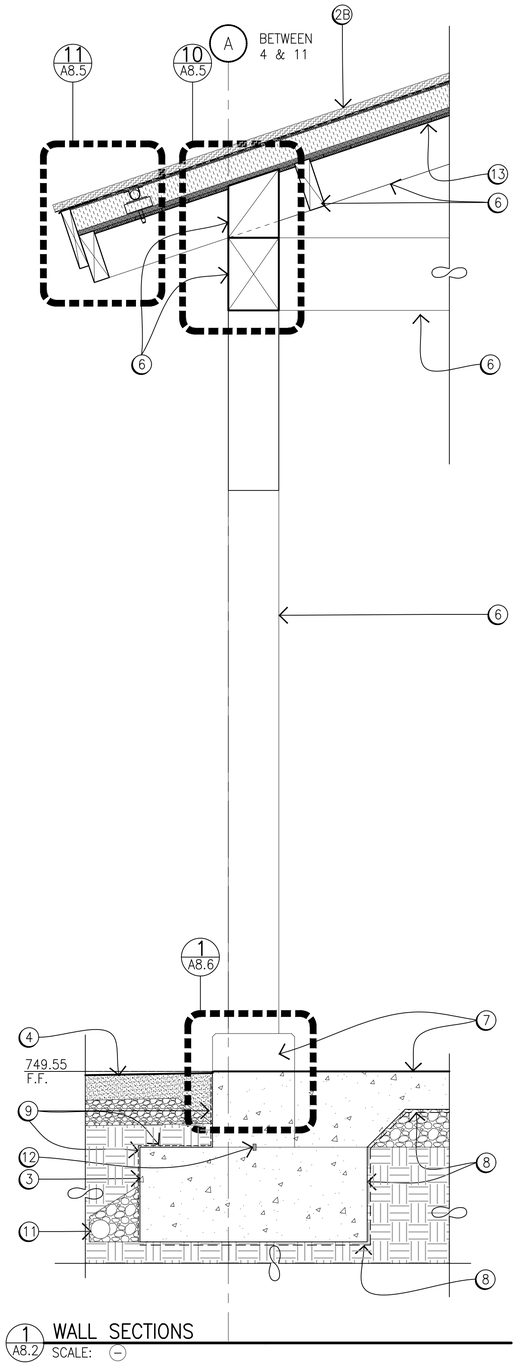
DESIGNED: DC, GK, JC CADD JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A8.1	TITLE OF SHEET RESTROOM BUILDING WALL SECTIONS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 81 OF 200



3 A8.2 WALL SECTIONS
SCALE: —



2 A8.2 WALL SECTIONS
SCALE: —



1 A8.2 WALL SECTIONS
SCALE: —

WALL SECTION KEY NOTES

1A EXTERIOR WALL ASSEMBLY W/INTERIOR AREAS; 1-HR FIRE RESISTIVE CONSTRUCTION, W/ BOARD & BATTEN CEMENT BOARD WOOD TEXTURED EXTERIOR FINISH, W/ WEATHER BARRIER,1/2" RIGID INSULATION, AND 5/8" TYPE X EXTERIOR GYP SHEATHING, OVER PLY WD PER STRUCTURAL, BATT INSULATION, 2X WOOD FRAMING, AND 5/8" TYPE X GYP BD INTERIOR FINISH

1B EXTERIOR WALL ASSEMBLY AT EXTERIOR AREAS; 1-HR FIRE RESISTIVE CONSTRUCTION, W/ BOARD & BATTEN CEMENT BOARD WOOD TEXTURED EXTERIOR FINISH, W/ WEATHER BARRIER, 1/2" RIGID INSULATION, AND 5/8" TYPE X EXTERIOR GYP, OVER FIRE-RETARDANT TREATED PLY WD PER STRUCTURAL, 2X FIRE-RETARDANT TREATED WOOD FRAMING, AND BOARD & BATTEN CEMENT BOARD OVER 5/8" TYPE X EXTERIOR GYP.

2A ROOF ASSEMBLY OVER INTERIOR AREAS, CLASS A ASSEMBLY; CORTEN CORRUGATED METAL ROOF PANELS, OVER ROOFING MEMBRANE, 1/2" PROTECTION BOARD, AND 5/8" PLY WD BONDED TO 3.5" RIGID INSULATION, ON PLY WD DECK PER STRUCTURAL, W/3X8 PURLINS, AND 3.5" BATT INSULATION, OVER HARD LID CEILINGS, AT SOFFITS PROVIDE 1/2" WOOD PLANK TEXTURED CEMENT BOARD AT UNDERSIDE OF PLY WD DECK BETWEEN EXPOSED RAFTER TAILS, AND 2X FASCIA.

2B ROOF ASSEMBLY OVER EXTERIOR AREAS, CLASS A ASSEMBLY; CORTEN CORRUGATED METAL ROOF PANELS, OVER ROOFING MEMBRANE, 1/2" PROTECTION BOARD, AND 5/8" PLY WD BONDED TO 3.5" RIGID INSULATION, ON PLY WD DECK PER STRUCTURAL, W/3X8 PURLINS, PROVIDE 3/4" WOOD TEXTURED CEMENT BOARD, 5.5" WIDE PLANK. AT UNDERSIDE OF PLY WD DECK BETWEEN EXPOSED PURLINS AT ENTIRE OPEN AREA AND AT SOFFITS AT UNDERSIDE OF PLY WD DECK AT EXPOSED RAFTER TAILS, AND 2X FASCIA.

3 FOUNDATION, SSD

4 STABILIZED DECOMPOSED GRANITE, SLAD

5 (NOT USED)

6 EXPOSED STRUCTURAL FRAMING, SSD, STAINED

7 EXPOSED CONCRETE SLAB AND CURB, SEALED

8 BELOW SLAB VAPOR BARRIER

9 BELOW GRADE FLUID APPLIED WATERPROOFING

10 DUCTWORK, AND LOUVER WHERE OCCURS PER PLAN, SMD

11 PERFORATED DRAIN PIPE IN GRAVEL

12 WATER STOP

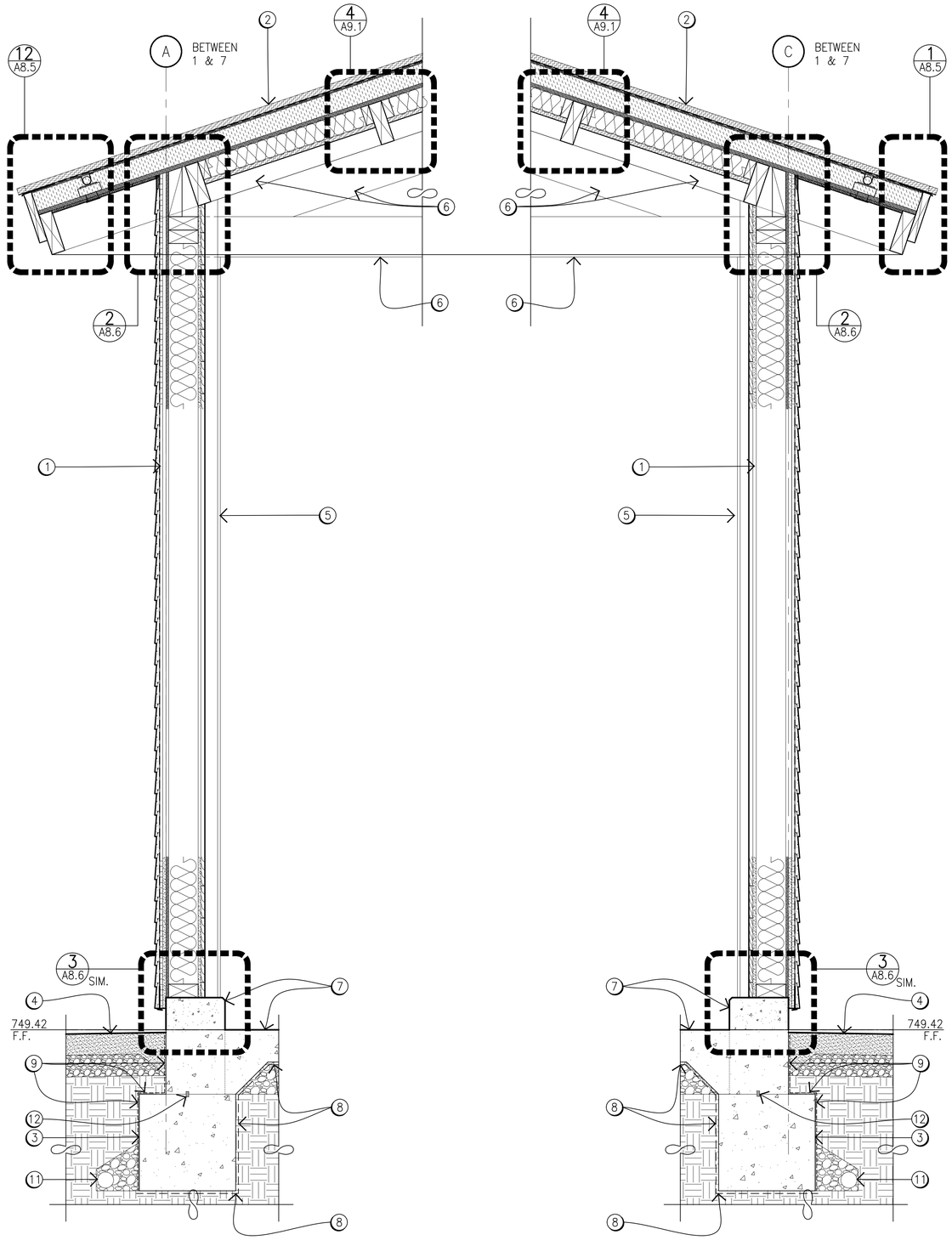
13 CEMENT BOARD PLANK, WOOD TEXTURE FINISH, SOFFIT

SCALE 1" = 1'-0" — 1 0 1 2 — SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA

DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A8.2	TITLE OF SHEET PAVILION BUILDING WALL SECTIONS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 82 OF 200



2 A8.3 WALL SECTIONS
SCALE: —

1 A8.3 WALL SECTIONS
SCALE: —

WALL SECTION KEY NOTES

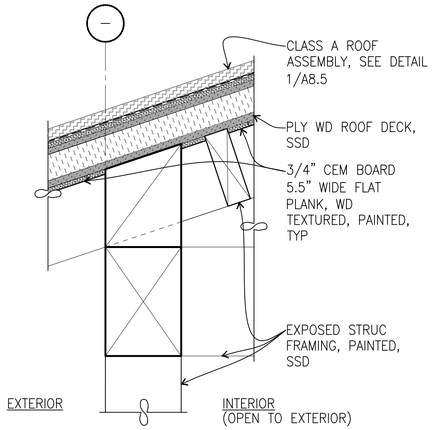
1. EXTERIOR WALL ASSEMBLY; 1-HR FIRE RESISTIVE CONSTRUCTION, W/HORIZONTAL PLANK CEMENT BOARD WOOD TEXTURE EXTERIOR FINISH, W/ WEATHER BARRIER, 1/2" RIGID INSULATION, AND 5/8" TYPE X EXTERIOR GYP BD, OVER PLY WD PER STRUCTURAL, 2X FRAMING, BATT INSULATION, 5/8" TYP X GYP BD, AND 8X HORIZONTAL WOOD PLANK INTERIOR FINISH
2. ROOF ASSEMBLY, CLASS A; CORTEN CORRUGATED METAL ROOF PANELS, OVER ROOFING MEMBRANE, 1/2" PROTECTION BOARD, AND 5/8" PLY WD BONDED TO 3.5" RIGID INSULATION, ON 3/4" PLY WD SHEATHING DECK, AND 3.5" BATT INSULATION ABOVE PRE-FINISHED CORRUGATED METAL CEILING PANELS, W/ EXPOSED 3X10 PURLINS. AT SOFFITS PROVIDE 3/4" WOOD TEXTURED CEMENT BOARD 5.5" WIDE PLANKS AT UNDERSIDE OF PLY WD DECK BETWEEN EXPOSED RAFTER TAILS, AND 2X FASCIA.
3. FOUNDATION, SSD
4. STABILIZED DECOMPOSED GRANITE, SLAD
5. 2X WOOD TRIM AT COLUMNS, PAINTED
6. EXPOSED STRUCTURAL FRAMING, SSD, PAINTED
7. EXPOSED CONCRETE SLAB AND CURB, SEALED
8. BELOW SLAB VAPOR BARRIER
9. BELOW GRADE FLUID APPLIED WATERPROOFING
10. (NOT USED)
11. PERFORATED DRAIN PIPE IN GRAVEL
12. WATER STOP
13. CEMENT BOARD PLANK, WOOD TEXTURE FINISH, SOFFIT

SCALE (E) 1" = 1'-0"
1 0 1 2
SCALE OF FEET

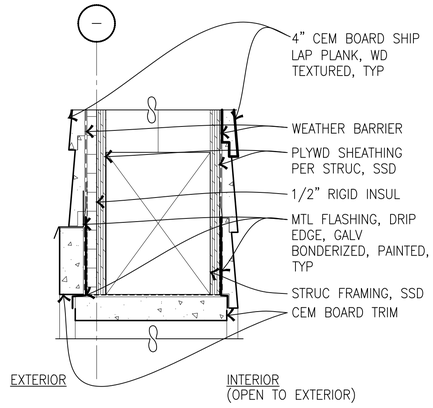
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A8.3	TITLE OF SHEET SMALL EVENT BUILDING WALL SECTIONS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 83 OF 200

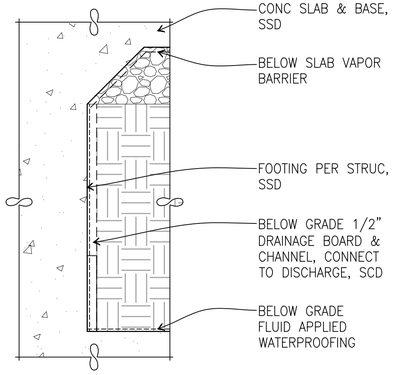
LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA



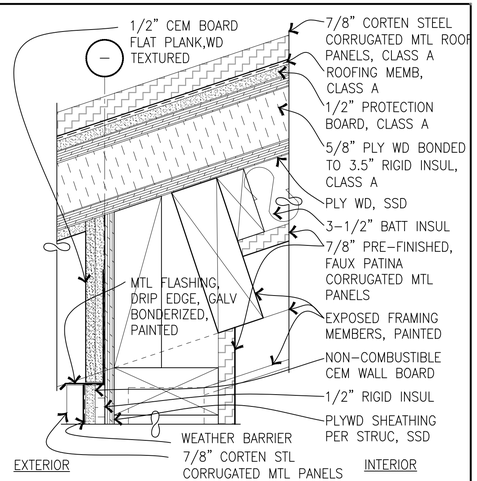
10 A8.5 PAVILION BLDG–TOP OF WALL DETAIL
SCALE: D
XA–EXTERIOR DETAILS



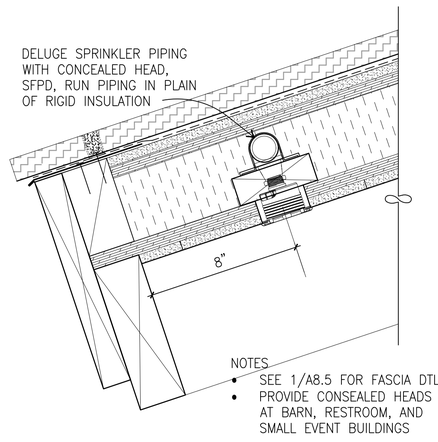
7 A8.5 RESTROOM BLDG–OPENING HEADER DETAIL
SCALE: C
XA–EXTERIOR DETAILS



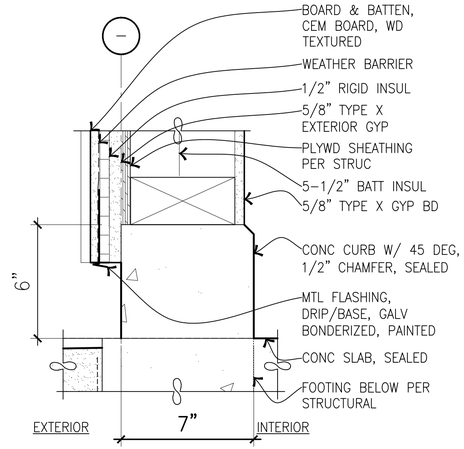
4 A8.5 BARN BLDG–FOUNDATION DETAIL
SCALE: D
XA–EXTERIOR DETAILS



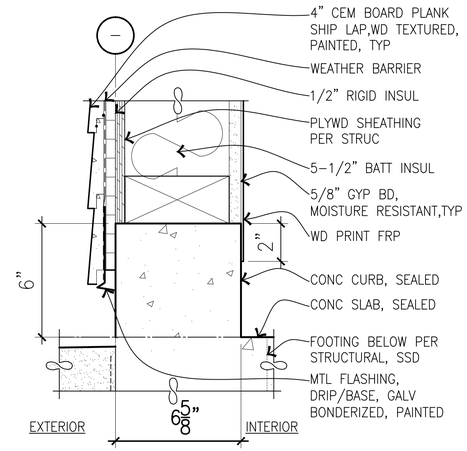
2 A8.5 BARN BLDG–TOP OF WALL DETAIL
SCALE: C
XA–EXTERIOR DETAILS



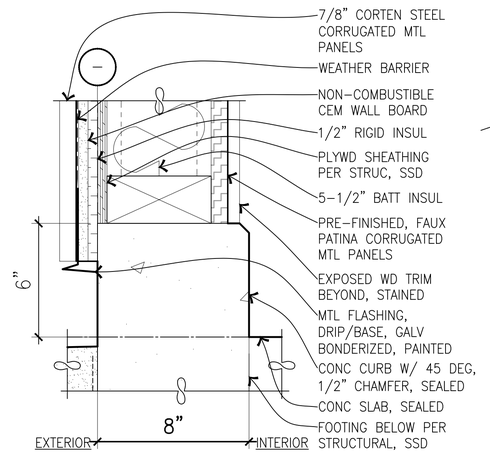
12 A8.5 SPRINKLER PIPING FOR DELUGE SYSTEM AT EAVES
SCALE: C
XA–WALL SECTION DETAILS



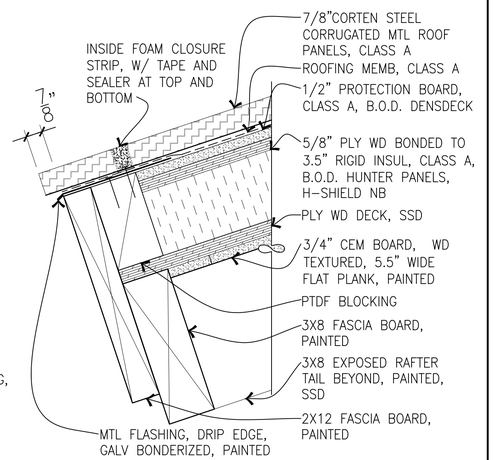
9 A8.5 PAVILION BLDG–WALL BASE DETAIL
SCALE: C
XA–EXTERIOR DETAILS



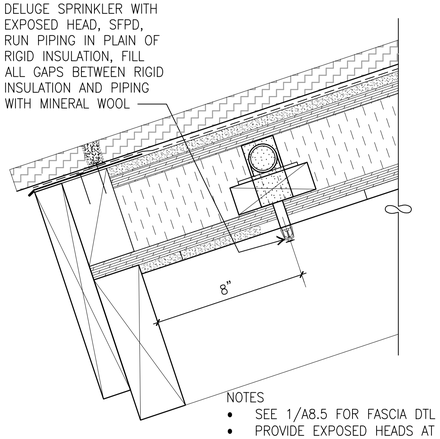
6 A8.5 RESTROOM BLDG–WALL BASE DETAIL
SCALE: C
XA–EXTERIOR DETAILS



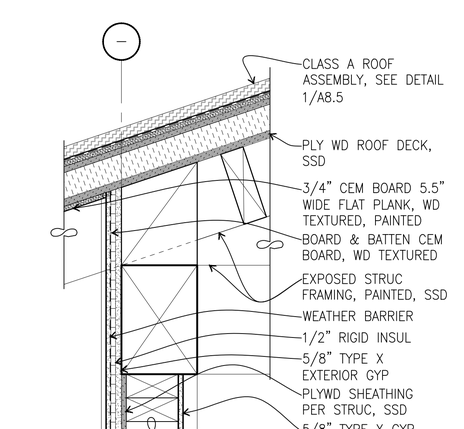
3 A8.5 BARN BLDG–WALL BASE DETAIL
SCALE: C
XA–EXTERIOR DETAILS



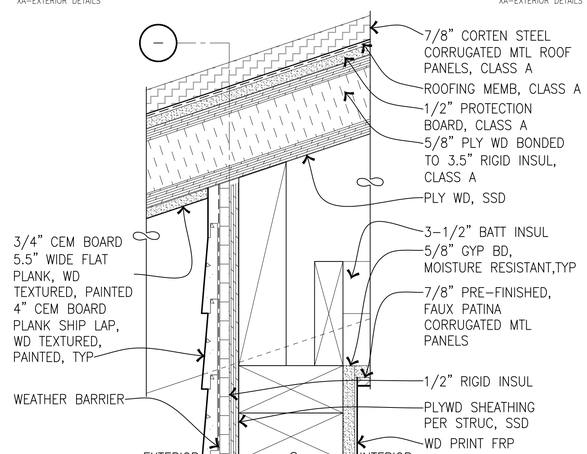
1 A8.5 SOFFIT & FASCIA BOARD DETAIL, TYP
SCALE: C
XA–EXTERIOR DETAILS



11 A8.5 SPRINKLER PIPING FOR DELUGE SYSTEM AT EAVES
SCALE: C
XA–WALL SECTION DETAILS



8 A8.5 PAVILION BLDG–TOP OF WALL DETAIL
SCALE: D
XA–EXTERIOR DETAILS



5 A8.5 RESTROOM BLDG–TOP OF WALL DETAIL
SCALE: C
XA–EXTERIOR DETAILS

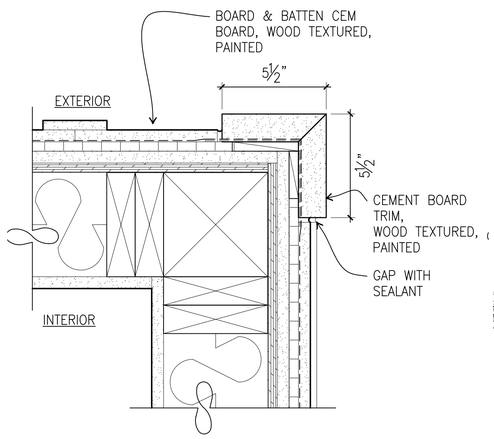
SCALE C 3" = 1'–0" — 6 3 0 6 SCALE OF INCHES

SCALE D 1–1/2" = 1'–0" — 12 6 0 12 SCALE OF INCHES

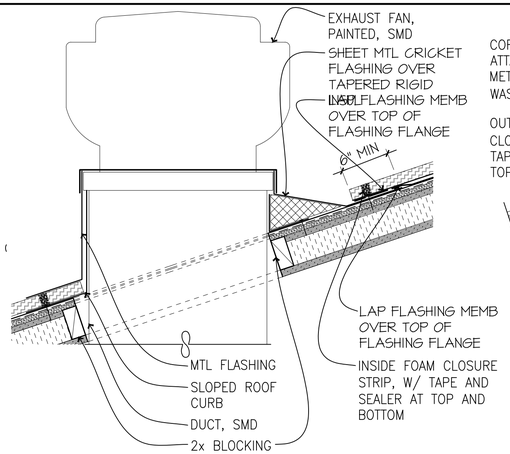
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7–15–2022	SUB SHEET NO. A8.5	TITLE OF SHEET: EXTERIOR DETAILS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 84 OF 200

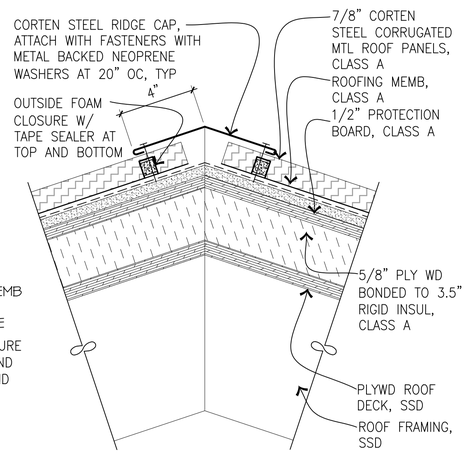
LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04–30–23 STATE OF CALIFORNIA



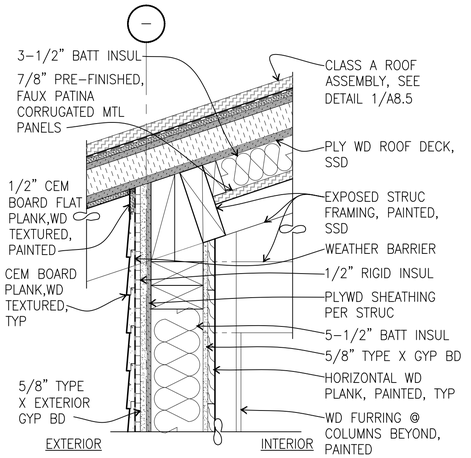
10 A8.6 PAVILION EXTERIOR CORNER DETAIL
SCALE: Ⓒ
XA-EXTERIOR DETAILS



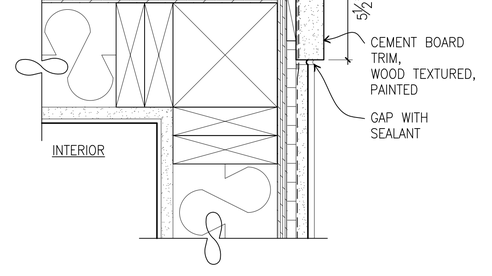
7 A8.6 ROOF EXHAUST FAN CURB & FLASHING
NTS
ROOF VENT



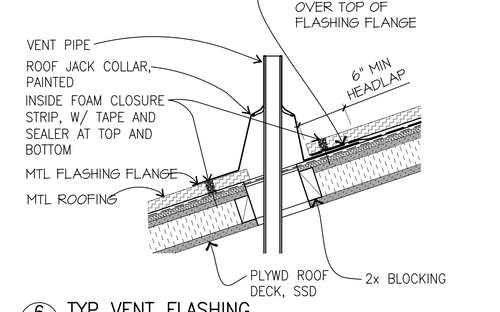
4 A8.6 TYP RIDGE
SCALE: 3" = 1'-0"
RIDGE AT CORUGATED MTL ROOF.DWG



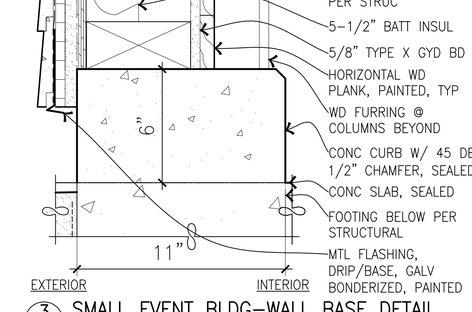
2 A8.6 SMALL EVENT BLDG-TOP OF WALL DETAIL
SCALE: Ⓓ
XA-EXTERIOR DETAILS



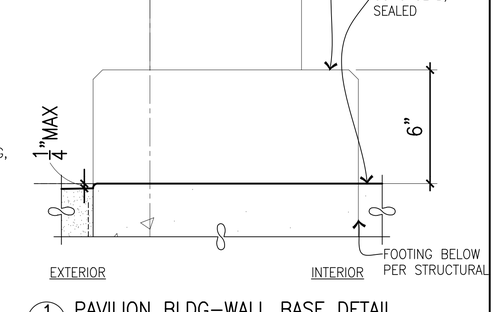
9 A8.6 RESTROOM EXTERIOR CORNER DETAIL
SCALE: Ⓒ
XA-EXTERIOR DETAILS



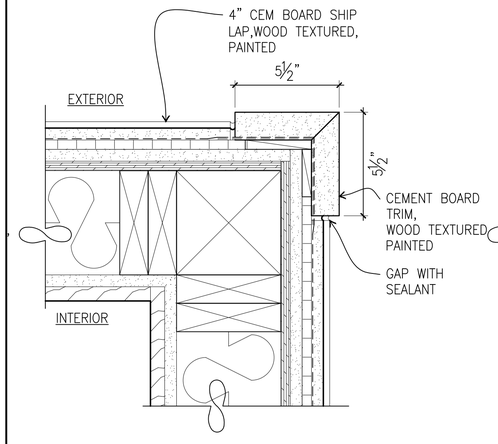
6 A8.6 TYP VENT FLASHING
NTS
ROOF VENT



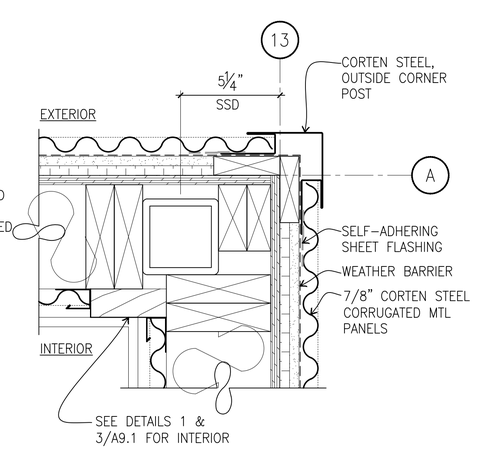
3 A8.6 SMALL EVENT BLDG-WALL BASE DETAIL
SCALE: Ⓒ
XA-EXTERIOR DETAILS



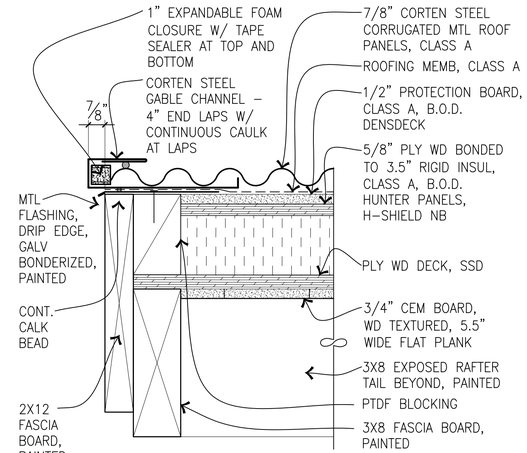
1 A8.6 PAVILION BLDG-WALL BASE DETAIL
SCALE: Ⓒ
XA-EXTERIOR DETAILS



11 A8.6 SMALL EVENT EXTERIOR CORNER DETAIL
SCALE: Ⓒ
XA-EXTERIOR DETAILS



8 A8.6 BARN EXTERIOR CORNER DETAIL
SCALE: Ⓒ
XA-EXTERIOR DETAILS



5 A8.6 TYPICAL ROOF AT RAKE
SCALE: 3" = 1'-0"
RAKE AT CORUGATED MTL ROOF.DWG

SCALE Ⓒ 3" = 1'-0" — 6 3 0 6 — SCALE OF INCHES

SCALE Ⓓ 1-1/2" = 1'-0" — 12 6 0 12 — SCALE OF INCHES

LICENSED ARCHITECT
DEBORAH J. COOPER
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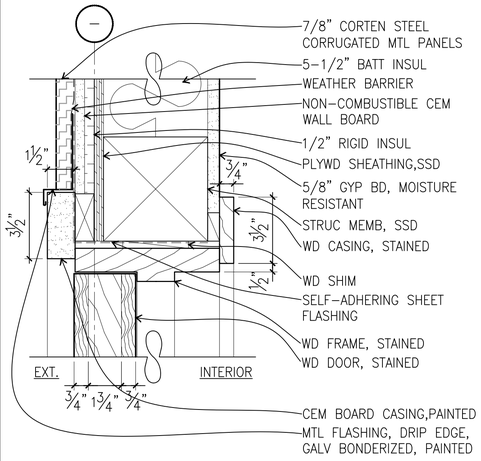
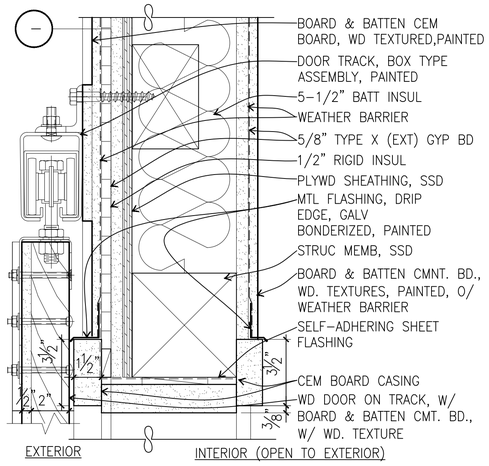
REN. 04-30-23
STATE OF CALIFORNIA

100% FINAL CONSTRUCTION DOCUMENTS

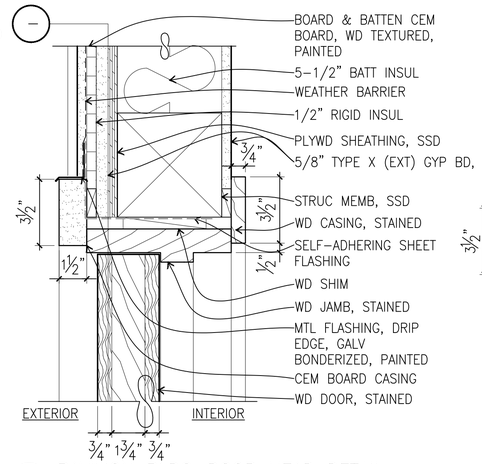
DESIGNED: DC, GK, JC CAPP JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A8.6	TITLE OF SHEET: EXTERIOR DETAILS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 85 OF 200



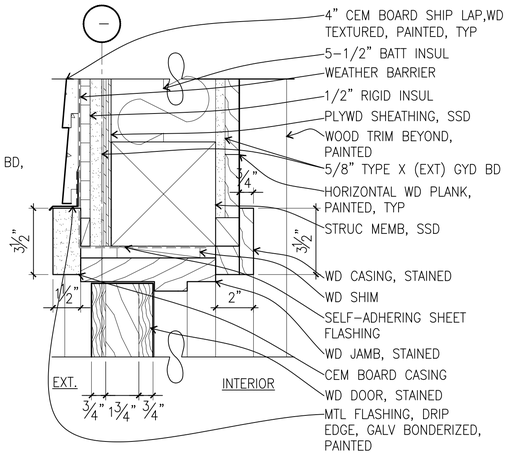
13 A8.7 BARN BLDG–DOOR HEAD DETAIL, JAMB SIM
SCALE: C
XA–EXTERIOR DETAILS



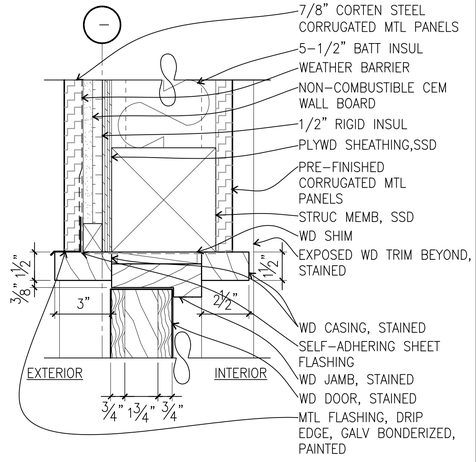
10 A8.7 PAVILION BLDG–DOOR HEAD DETAIL
SCALE: C
XA–EXTERIOR DETAILS



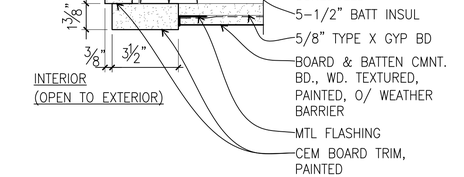
7 A8.7 PAVILION BLDG–DOOR HEAD DETAIL
SCALE: C
XA–EXTERIOR DETAILS



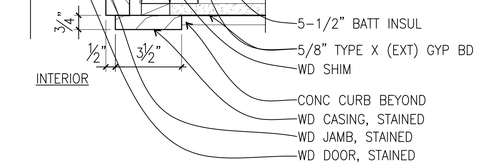
4 A8.7 SMALL EVENT BLDG–DOOR HEAD DETAIL
SCALE: C
XA–EXTERIOR DETAILS



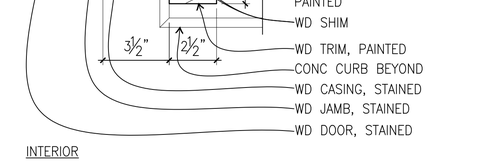
2 A8.7 BARN BLDG–DOOR HEAD DETAIL
SCALE: C
XA–EXTERIOR DETAILS



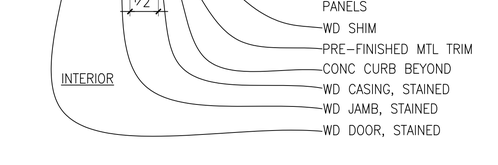
12 A8.7 PAVILION BLDG–DOOR JAMB DETAIL
SCALE: C
XA–EXTERIOR DETAILS



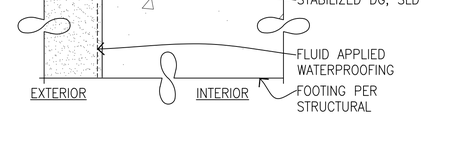
9 A8.7 PAVILION BLDG–DOOR JAMB DETAIL
SCALE: C
XA–EXTERIOR DETAILS



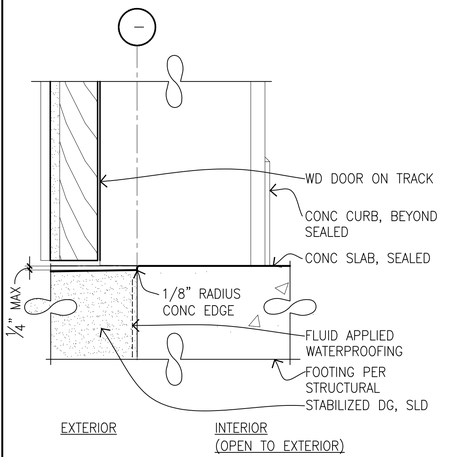
6 A8.7 SMALL EVENT BLDG–DOOR JAMB DETAIL
SCALE: C
XA–EXTERIOR DETAILS



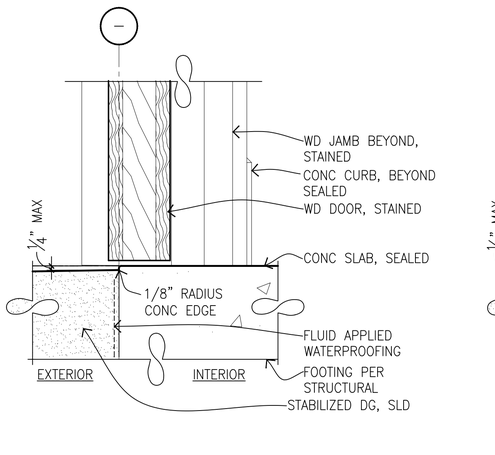
3 A8.7 BARN BLDG–DOOR JAMB DETAIL
SCALE: C
XA–EXTERIOR DETAILS



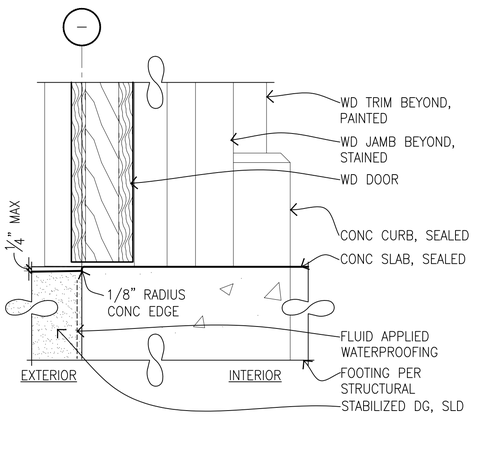
1 A8.7 BARN BLDG–DOOR BASE DETAIL
SCALE: C
XA–EXTERIOR DETAILS



11 A8.7 PAVILION BLDG – DOOR BASE DETAIL
SCALE: C
XA–EXTERIOR DETAILS



8 A8.7 PAVILION BLDG–DOOR BASE DETAIL
SCALE: C
XA–EXTERIOR DETAILS



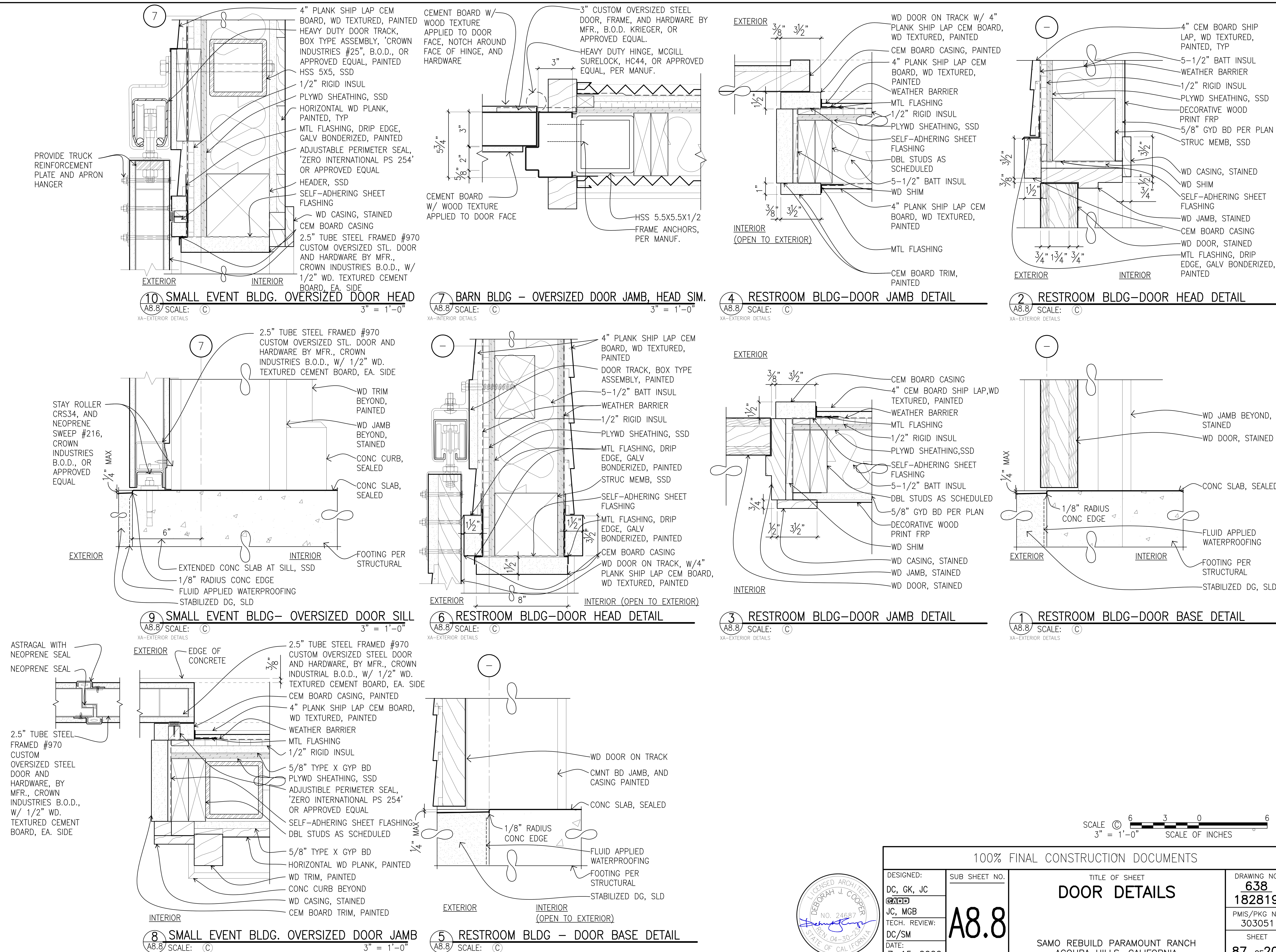
5 A8.7 SMALL EVENT BLDG–DOOR BASE DETAIL
SCALE: C
XA–EXTERIOR DETAILS

SCALE C 3" = 1'–0"
6 3 0 6
SCALE OF INCHES

LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04–30–23
STATE OF CALIFORNIA

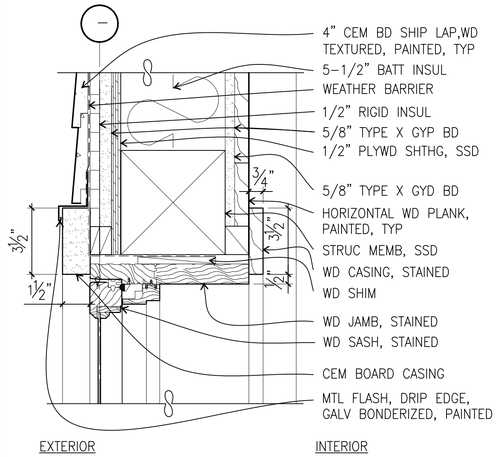
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: DC, GK, JC DRAWN: JC, MGB TECH. REVIEW: DC/SM DATE: 7–15–2022	SUB SHEET NO. A8.7	TITLE OF SHEET: DOOR DETAILS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 86 OF 200

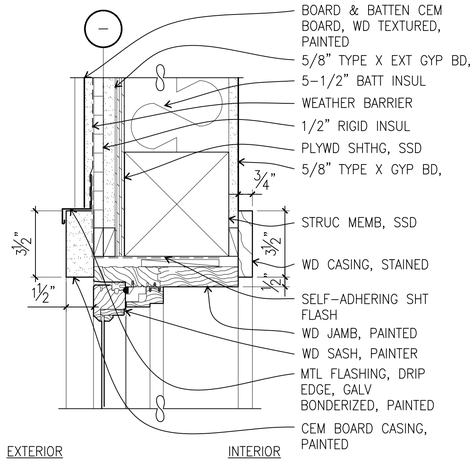


100% FINAL CONSTRUCTION DOCUMENTS

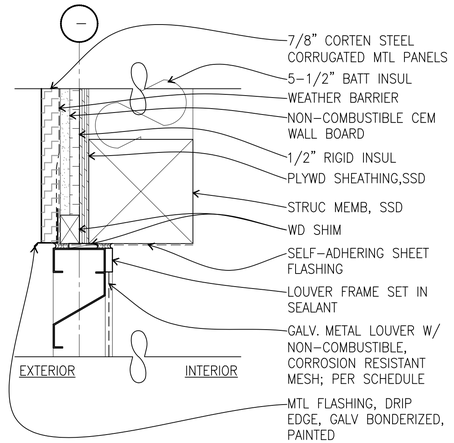
DESIGNED: DC, GK, JC	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 182819
CADD: JC, MGB	A8.8	DOOR DETAILS	PMIS/PKG NO. 303051
TECH. REVIEW: DC/SM		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET
DATE: 7-15-2022			87 OF 200



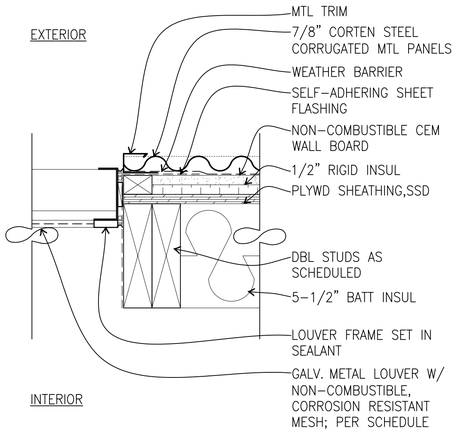
13 A8.9 SMALL EVENT BLDG–WINDOW HEAD DETAIL
SCALE: C
XA–EXTERIOR DETAILS



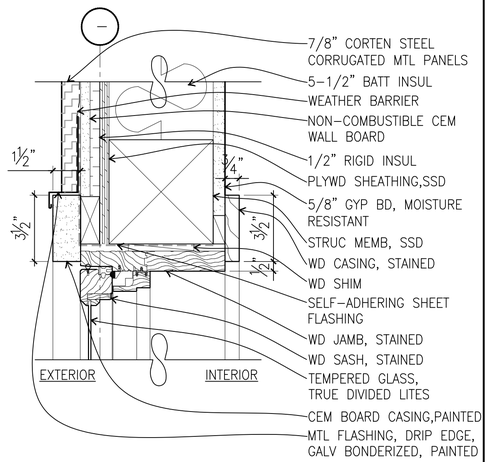
10 A8.9 PAVILION BLDG–WINDOW HEAD DETAIL
SCALE: C
XA–EXTERIOR DETAILS



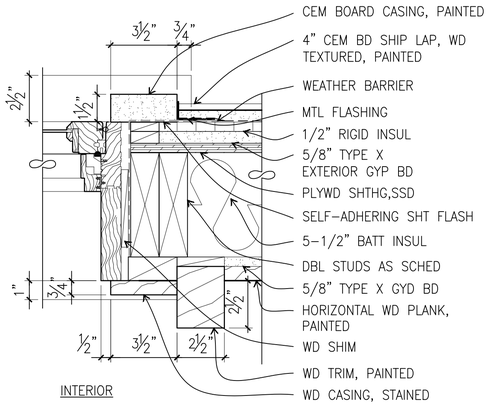
7 A8.9 BARN BLDG–LOUVER HEAD DETAIL
SCALE: C
XA–EXTERIOR DETAILS



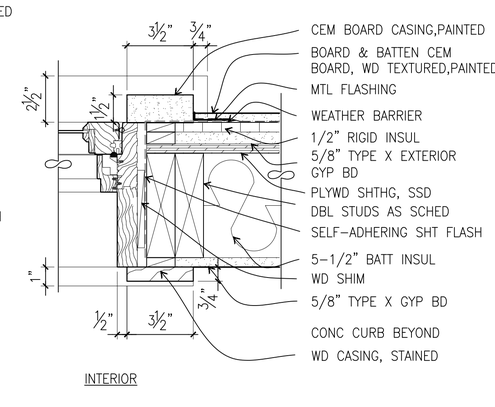
4 A8.9 BARN BLDG–LOUVER JAMB DETAIL
SCALE: C
XA–EXTERIOR DETAILS



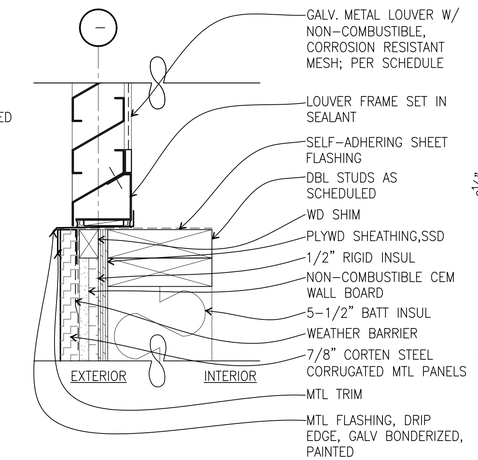
2 A8.9 BARN BLDG–WINDOW HEAD DETAIL
SCALE: C
XA–EXTERIOR DETAILS



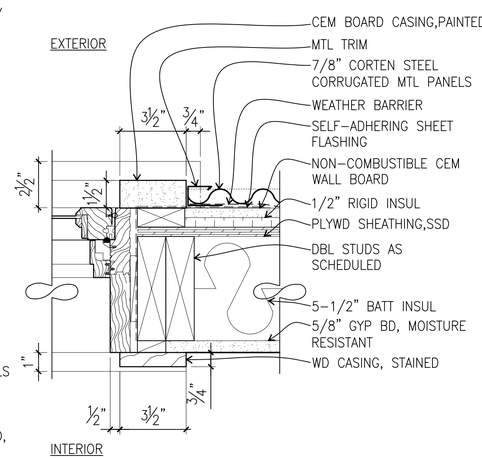
12 A8.9 SMALL EVENT BLDG–WINDOW JAMB DETAIL
SCALE: C
XA–EXTERIOR DETAILS



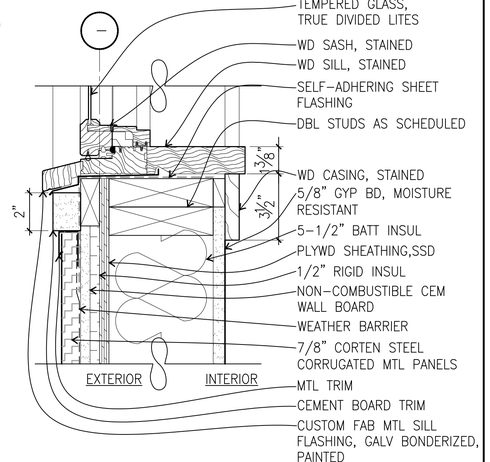
9 A8.9 PAVILION BLDG–WINDOW JAMB DETAIL
SCALE: C
XA–EXTERIOR DETAILS



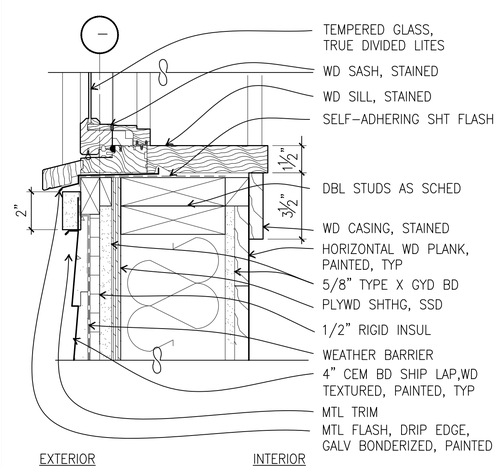
6 A8.9 BARN BLDG– LOUVER SILL DETAIL
SCALE: C
XA–EXTERIOR DETAILS



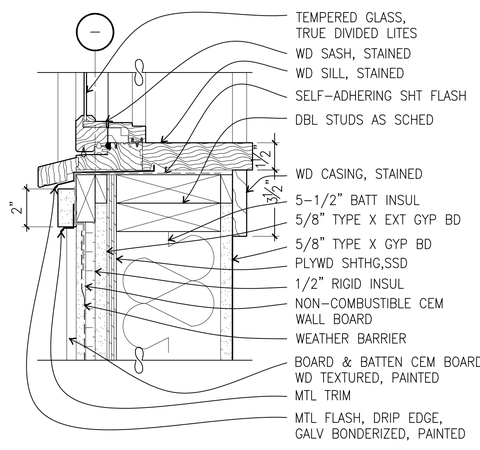
3 A8.9 BARN BLDG–WINDOW JAMB DETAIL
SCALE: C
XA–EXTERIOR DETAILS



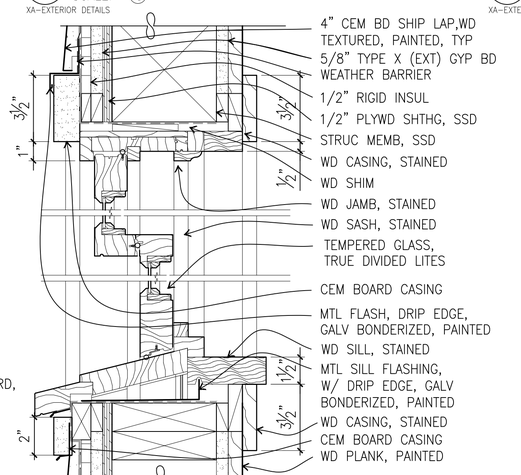
1 A8.9 BARN BLDG– WINDOW SILL DETAIL
SCALE: C
XA–EXTERIOR DETAILS



11 A8.9 SMALL EVENT BLDG–WINDOW SILL DETAIL
SCALE: C
XA–EXTERIOR DETAILS



8 A8.9 PAVILION BLDG–WINDOW SILL DETAIL
SCALE: C
XA–EXTERIOR DETAILS



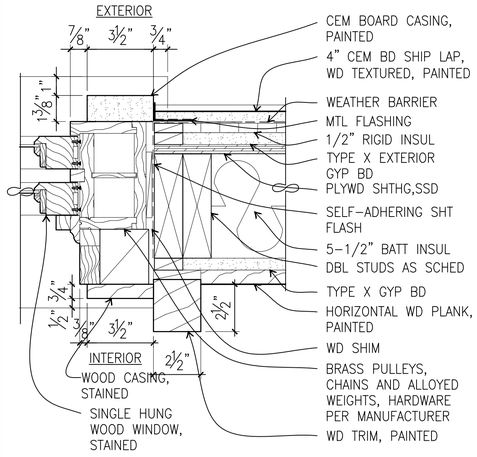
5 A8.9 SMALL EVENT BLDG–WINDOW HEAD DETAIL
SCALE: C
XA–EXTERIOR DETAILS

SCALE C 3" = 1'-0"
6 3 0 6
SCALE OF INCHES

100% FINAL CONSTRUCTION DOCUMENTS

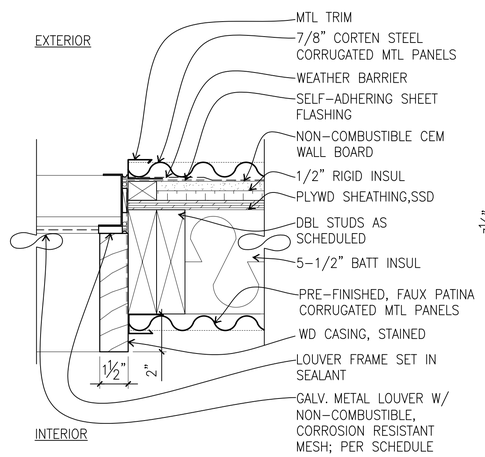
LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04-30-23 STATE OF CALIFORNIA

DESIGNED: DC, GK, JC / CADD JC, MGB / TECH. REVIEW: DC/SM / DATE: 7–15–2022	SUB SHEET NO. A8.9	TITLE OF SHEET: WINDOW & LOUVER DETAILS — SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 / PMIS/PKG NO. 303051 / SHEET 88 OF 200



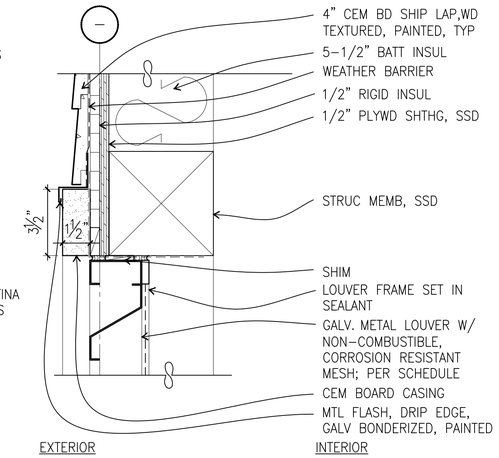
13 A8.10 SCALE: C
XA–EXTERIOR DETAILS

SMALL EVENT BLDG–WINDOW JAMB DETAIL



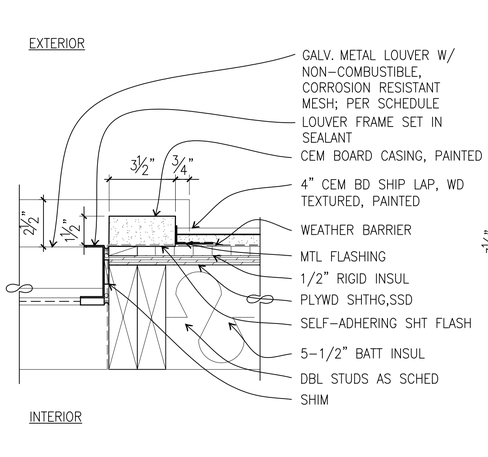
10 A8.10 SCALE: C
XA–EXTERIOR DETAILS

BARN BLDG–LOUVER JAMB DETAIL



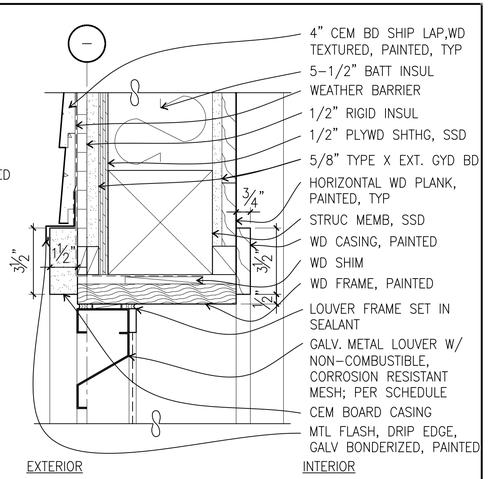
7 A8.10 SCALE: C
XA–EXTERIOR DETAILS

RESTROOM BLDG–LOUVER HEAD DETAIL



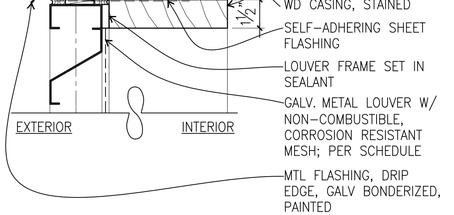
4 A8.10 SCALE: C
XA–EXTERIOR DETAILS

RESTROOM BLDG–LOUVER JAMB DETAIL



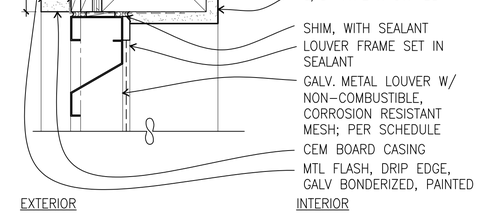
2 A8.10 SCALE: C
XA–EXTERIOR DETAILS

SMALL EVENT BLDG–LOUVER HEAD DETAIL



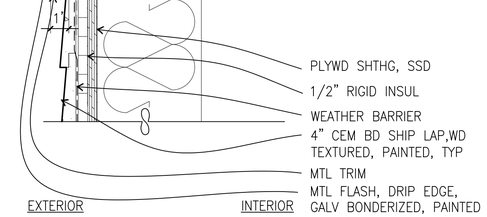
12 A8.10 SCALE: C
XA–EXTERIOR DETAILS

BARN BLDG–LOUVER HEAD DETAIL



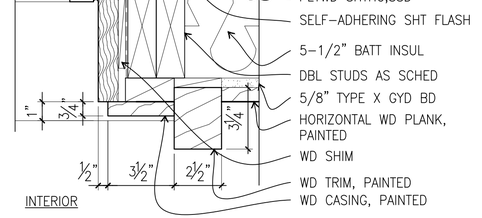
9 A8.10 SCALE: C
XA–EXTERIOR DETAILS

PAVILION–LOUVER HEAD DETAIL



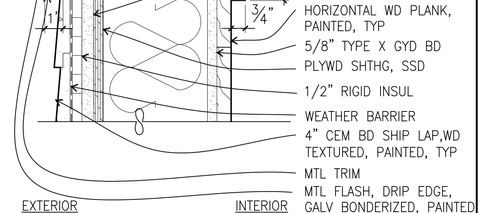
6 A8.10 SCALE: C
XA–EXTERIOR DETAILS

RESTROOM BLDG–LOUVER SILL DETAIL



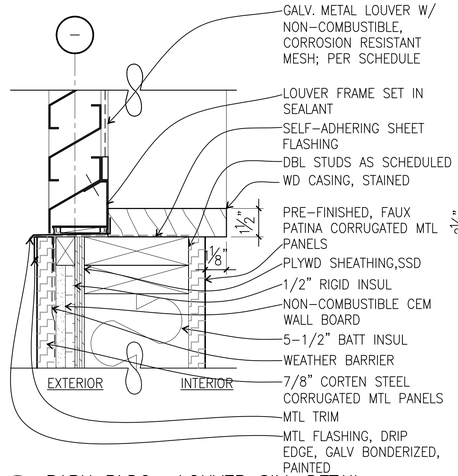
3 A8.10 SCALE: C
XA–EXTERIOR DETAILS

SMALL EVENT BLDG–LOUVER JAMB DETAIL



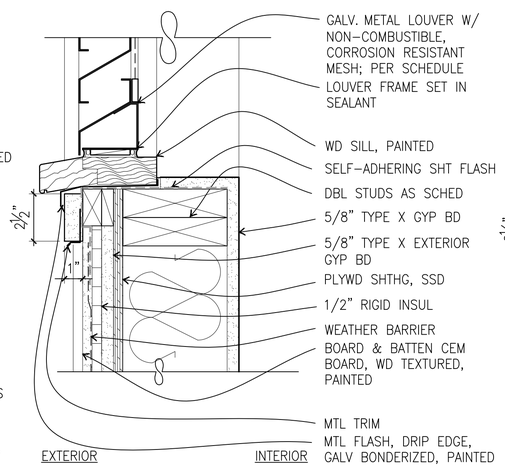
1 A8.10 SCALE: C
XA–EXTERIOR DETAILS

SMALL EVENT BLDG–LOUVER SILL DETAIL



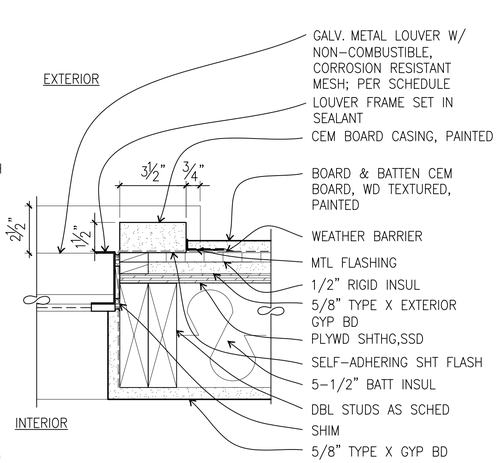
11 A8.10 SCALE: C
XA–EXTERIOR DETAILS

BARN BLDG– LOUVER SILL DETAIL



8 A8.10 SCALE: C
XA–EXTERIOR DETAILS

PAVILION–LOUVER SILL DETAIL



5 A8.10 SCALE: C
XA–EXTERIOR DETAILS

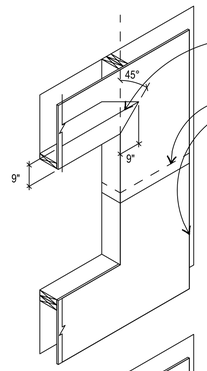
PAVILION–LOUVER JAMB DETAIL

SCALE C 3" = 1'–0"
6 3 0 6
SCALE OF INCHES

100% FINAL CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04–30–23 STATE OF CALIFORNIA

DESIGNED: DC, GK, JC	SUB SHEET NO.	TITLE OF SHEET: WINDOW & LOUVER DETAILS	DRAWING NO. 638 182819
CHKD JC, MGB	A8.10		PMIS/PKG NO. 303051
TECH. REVIEW: DC/SM		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 89 OF 200
DATE: 7–15–2022			

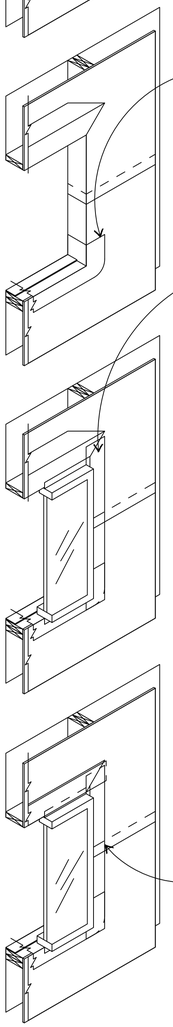


STEP 1

CUT HEAD FLAP AT 45 DEGREES AND SECURE IT AWAY FROM THE OPENING.

INSTALL WRB IN A MECHANICAL, SHINGLE LAPPED STYLE AND SEAL IT WITH WRP MANUFACTURER'S APPROVED TAPE. RETURN WRB INTO JAMBS OF WINDOW OPENING.

NOTE:
CHECK WINDOW ROUGH OPENING FOR LEVEL, PLUMB, AND SQUARENESS. IN ADDITION, VERIFY THAT THE OPENING WILL ENABLE MANUFACTURER'S REQUIRED CLEARANCE AT HEADS AND JAMBS OF WINDOWS. IF THESE ARE NOT AVAILABLE THE WINDOW SHOULD NOT BE INSTALLED AND THE CONSTRUCTION SUPERINTENDENT SHOULD BE NOTIFIED.



STEP 3

INSTALL FLEXIBLE SAMF IN THE WINDOW SILL AND EXTEND IT UP JAMBS 6" ON EACH SIDE OVER THE WRB. PRESS THE FLASHING ALONG THE FRONT OF THE SILL AND INTO THE CORNERS USING A ROLLER TO ROLL IT DOWN FIRMLY FOR GOOD ADHESION TO CREATE WINDOW PAN FLASHING.

STEP 5

INSTALL 6" WIDE SAMF ON EACH SIDE OF THE WINDOW JAMB OVER THE WRB AND WINDOW FLANGE. SAMF SHALL BE ROLLED DOWN WITH SMALL, HARD ROLLER TO ENSURE PROPER ADHESION.

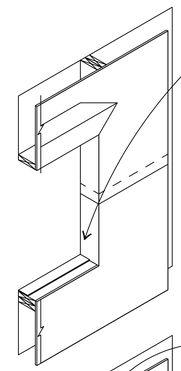
NOTES:

1. INSPECT WINDOW FRAME MITER JOINTS AND NAILING FLANGES FOR DAMAGE AND REPAIR AS NECESSARY.
2. NO WINDOW GAPS ARE ALLOWED AT WALL FINS OF FACTORY MULLED WINDOWS.
3. CHECK WINDOW FOR PROPER TYPE AND SIZE FOR LOCATION.
4. AFTER THE WINDOW IS PUT INTO THE ROUGH OPENING IT SHALL BE ADJUSTED TO ENABLE THE MANUFACTURER'S MINIMUM AIRSPACE BETWEEN THE WINDOW AND THE JAMBS AND HEAD.
5. INSTALL WINDOW UNIT PER MANUFACTURER'S INSTRUCTIONS WITH MANUFACTURER'S RECOMMENDED MATERIALS AND FASTENERS. CLEAN WINDOW SEALANT OFF BUILDING SUBSTRATE, WRB, AND WINDOW FIN. DO NOT INSTALL SAMF UNTIL WINDOW SEALANT HAS CURED.
6. DO NOT SECURE WINDOW THROUGH NAIL FIN AT HEAD OF WINDOW UNLESS APPROVED BY WINDOW MANUFACTURER.

STEP 7

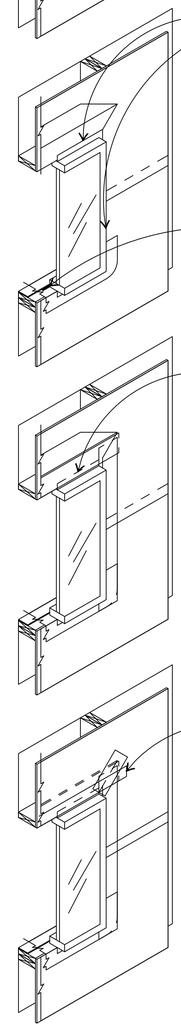
LOWER THE HEAD FLAP OF THE WRB OVER HEAD AND JAMB SAMF.

NOTE:
WHEN OPENING HEAD FLASHING IS TO BE INSTALLED PER DETAILS, SEAL WRB TO HEAD FLASHING WITH SAMF.



STEP 2

STAPLE DOWN 1/8" CORRUGATED PLASTIC BACK DAM. POSITION IT 1/2" IN FROM THE BACK OF THE OPENING AND WITH ENOUGH SPACE FOR THE INSTALLATION OF THE WINDOW.



STEP 4

INSTALL THE WINDOW BY APPLYING A CONTINUOUS BEAD OF MANUFACTURER'S SEALANT BEHIND THE JAMB AND HEAD FLANGES ONLY (NEVER THE BOTTOM) AND SECURE IT TO THE FRAMED OPENING PER THE WINDOW MANUFACTURER'S SPECS.

NOTE:
CONFIRM SEALANT IS COMPATIBLE WITH FLEXIBLE SAMF BEFORE USE IN WINDOW INSTALLATION.

PROVIDE SEALANT DAM IMMEDIATELY BEHIND WINDOW AT INTERIOR OR SILL AND UP JAMBS 1" AFTER WINDOW INSTALLATION.

STEP 6

APPLY 6" WIDE SAMF ACROSS THE WINDOW HEAD. EXTEND BEYOND THE JAMB SAMF.

NOTES:

1. JAMB SAMF SHALL BE INSTALLED SO THAT THE HEAD SAMF WILL LAP OVER A MINIMUM OF 1" AT THE HEAD.
2. INSTALL OPENING HEAD FLASHING JUST AFTER THIS STEP AND BEFORE THE NEXT STEP WHERE NOTED IN THE DETAIL.

STEP 8

TAPE THE 45 DEGREE CUTS WITH SAMF. TAPE THE WRB DOWN ACROSS THE WINDOW HEAD PRIOR TO SIDING.

NOTE:
APPLY EXTERIOR RAINSCREEN, TRIM, TRIM FLASHING, AND SIDING ONLY AFTER ALL THESE STEPS ARE COMPLETE.

1 / A8.11 TYPICAL EXTERIOR OPENING WEATHER WRAP

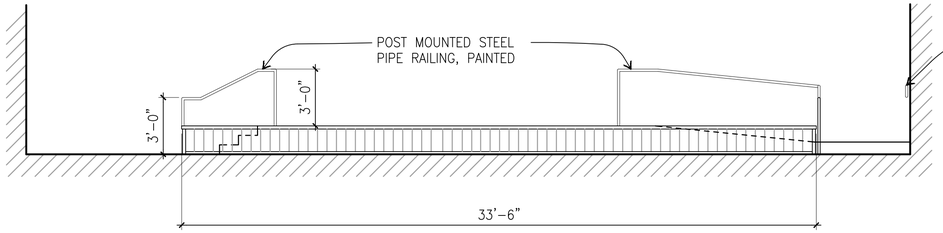
SCALE: (D) 1-1/2" = 1'-0"

SCALE (D) 12 6 0 12
SCALE OF INCHES

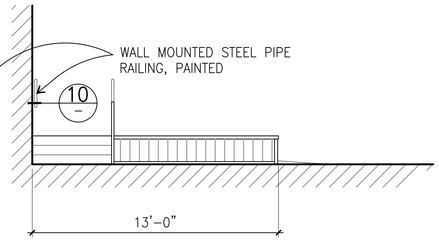
100% COMPLETE CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04-30-23 STATE OF CALIFORNIA

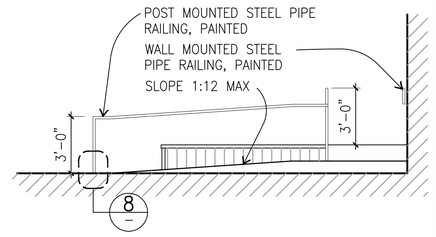
DESIGNED: DC, GK, JC CADD JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A8.11	TITLE OF SHEET: EXTERIOR DETAILS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 90 OF 200



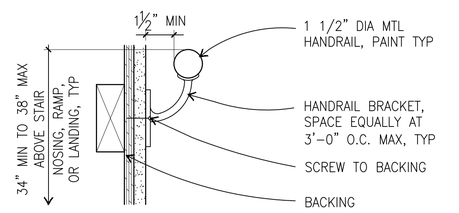
11 A8.12 SECTION THRU FRONT OF PLATFORM
SCALE: J
XA-PLATFORM.DWG



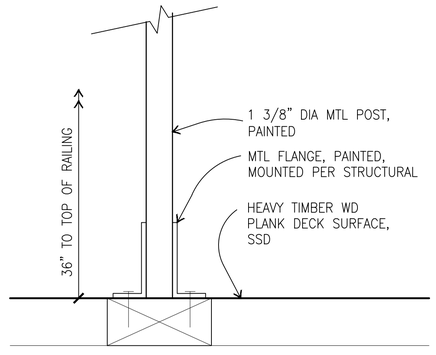
6 A8.12 SECTION THRU THE STAIRS
SCALE: J
XA-PLATFORM.DWG



3 A8.12 SECTION THRU THE RAMP
SCALE: J
XA-PLATFORM.DWG

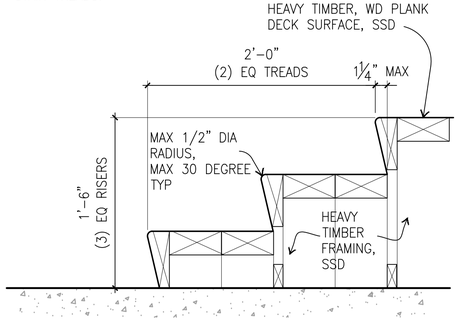


10 A8.12 WALL MOUNTED HANDRAIL
SCALE: C
XA-PLATFORM

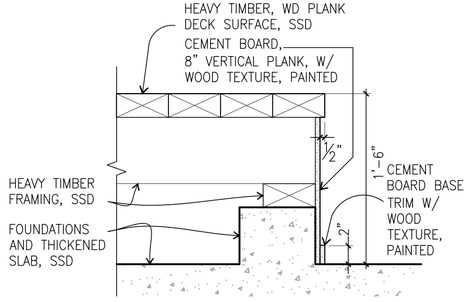


8 A8.12 POST MOUNTED HANDRAIL
SCALE: C
XA-PLATFORM

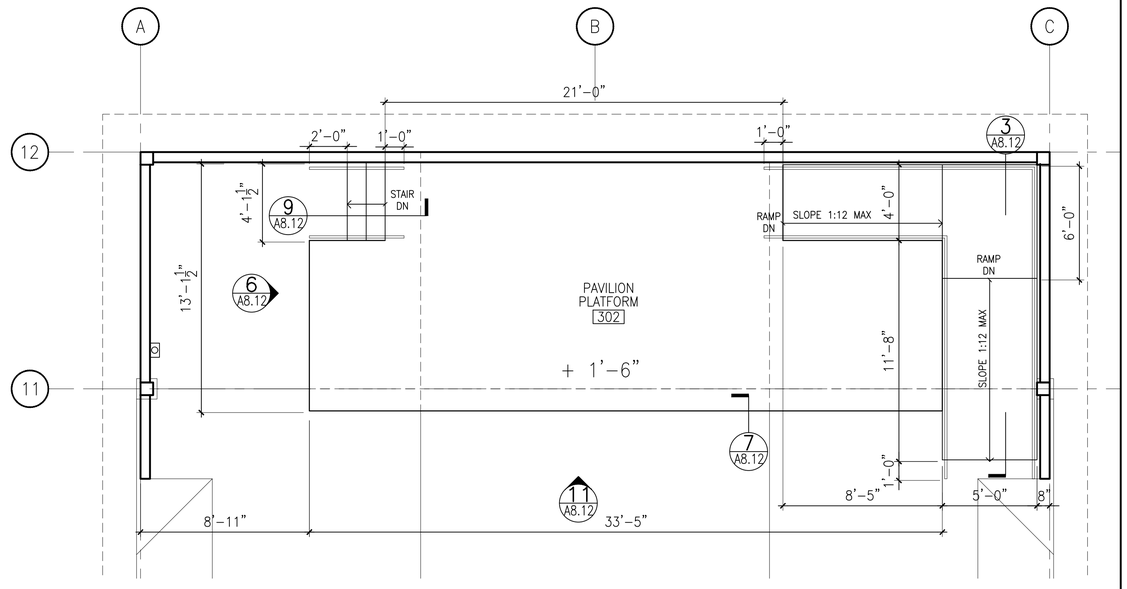
NOTE:
THE UPPER APPROACH AND THE LOWER TREAD OF INTERIOR STAIRS, SHALL BE MARKED BY A STRIPE PROVIDING CLEAR VISUAL CONTRAST, 2" MIN.-4" MAX. WIDE, PLACED PARALLEL TO AND NOT MORE THAN 1" FROM THE NOSE OF THE STEP OR LANDING TO ALERT THE VISUALLY IMPAIRED. THE STRIPE SHALL BE OF MATERIAL THAT IS AT LEAST AS SLIP RESISTANT AS THE STAIR TREADS.



9 A8.12 STAIR SECTION
SCALE: D
XA-PLATFORM



7 A8.12 EDGE OF PLATFORM
SCALE: D
XA-PLATFORM



1 A8.12 ENLARGED PLATFORM PLAN
SCALE: J
XA-PAVILION.DWG

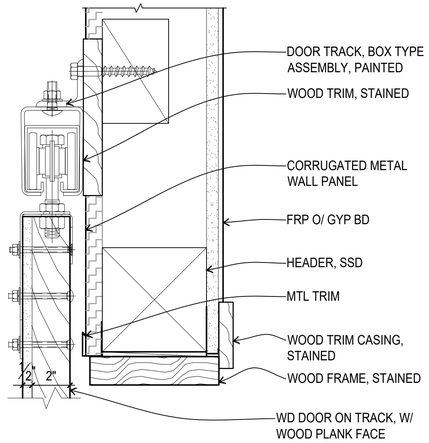
SCALE J 4 0 4 8
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

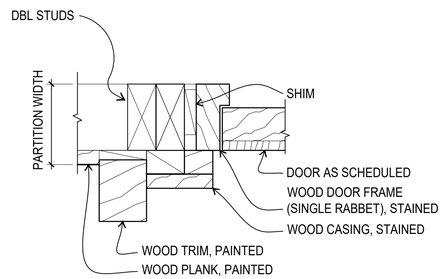
LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA

DESIGNED: DC, GK, JC CADD JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A8.12	TITLE OF SHEET PLATFORM SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 91 OF 200

7/29/2022 4:45 PM Jake Gianni R21 Z:\Projects\15_PROJ\15061.70 & 90 SAMO Rebuild Paramount Ranch\13_drawings\06_Construction_Docs\04 100 CD FINAL\ARCH\A8.12_PLATFORM.dwg

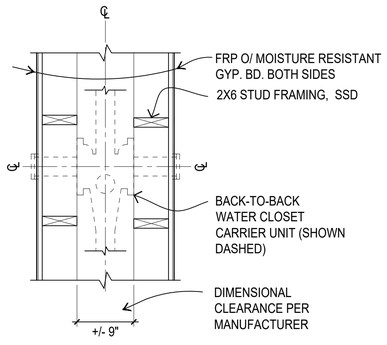


13 A9.0 TYP. INT SLIDER HEAD (JAMB SIM.)
SCALE: C
X-DTL-WALLS

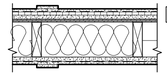


WALL TYPE S DOOR OPENING

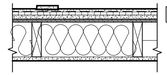
10 A9.0 TYP. INT JAMB (HEAD SIM.)
SCALE: C
X-DTL-WALLS



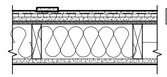
7 A9.0 PLUMBING WALL (BACK-TO-BACK)
SCALE: E
X-DTL-WALLS.DWG



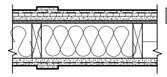
P 1-HR FIRE RATED- DESIGN LISTING JH FCS 60-04
2X6 WOOD STUDS @ 16" O.C.
- PLY WD., 5/8" TYPE X EXTERIOR GYP, 1/2" RIGID INSULATION, 1/2" CEMENT BOARD, BOARD & BATTEN, WOOD TEXTURED (EXT.)
- 5/8" TYPE X EXTERIOR GYP, 1/2" CEMENT BOARD, BOARD & BATTEN, WOOD TEXTURED (INT. OPEN TO EXT.)



O 1-HR FIRE RATED- DESIGN LISTING JH FCS 60-04
2X6 WOOD STUDS @ 16" O.C.
- PLY WD., 5/8" TYPE X EXTERIOR GYP, 1/2" RIGID INSULATION, 1/2" CEMENT BOARD, BOARD & BATTEN, WOOD TEXTURED (EXT.)
- 5/8" TYPE X GYP BD. PER PLAN (INT.)

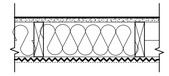


N 1-HR FIRE RATED- DESIGN LISTING JH FCS 60-04
2X6 WOOD STUDS @ 16" O.C.
- PLY WD., 5/8" TYPE X EXTERIOR GYP, 1/2" RIGID INSULATION, 1/2" CEMENT BOARD, BOARD & BATTEN, WOOD TEXTURED (EXT.)
- 5/8" TYPE X, MOISTURE RESISTANT GYP BD., WITH DECORATIVE WOOD PRINT FRP (INT.)

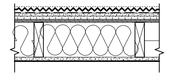


M 1-HR FIRE RATED- DESIGN LISTING JH FCS 60-04
2X6 FIRE-TREATED WOOD STUDS @ 16" O.C.
- PLY WD., 5/8" TYPE X EXT. GYP, 1/2" RIGID INSULATION, 1/2" CEMENT BOARD, BOARD & BATTEN, WOOD TEXTURED (EXT.)
- 5/8" TYPE X EXT. GYP, 1/2" CEMENT BOARD, BOARD & BATTEN, WOOD TEXTURED (INT. OPEN TO EXT)

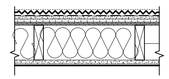
4 A9.0 PAVILION- WALL TYPES
SCALE: E
X-DTL-WALLS.DWG



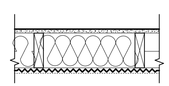
H 2X6 WOOD STUDS @ 16" O.C., BATT INSULATION
- DECORATIVE WOOD PRINT FRP, O/ 5/8" MOISTURE RESISTANT GYP. BD. (INT.)
- PRE-FINISHED CORRUGATED MTL. PANEL (INT.)



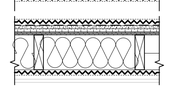
G NON-COMBUSTIBLE @ EXTERIOR FACE ONLY
2X6 WOOD STUDS @ 16" O.C., BATT INSULATION
- PLY WD., 1/2" RIGID INSULATION, 1/2" CEMENT BOARD, & 7/8" CORTEN CORRUGATED MTL. PANEL (EXT.)
- GYP BD. PER PLAN (INT.)



F NON-COMBUSTIBLE @ EXTERIOR FACE ONLY
2X6 WOOD STUDS @ 16" O.C., BATT INSULATION
- PLY WD., 1/2" RIGID INSULATION, 1/2" CEMENT BOARD, & 7/8" CORTEN CORRUGATED MTL. PANEL (EXT.)
- DECORATIVE WOOD PRINT FRP, O/ MOISTURE RESISTANT GYP BD. (INT.)



E 2X6 WOOD STUDS @ 16" O.C., BATT INSULATION
- 5/8" GYP. BD. PER PLAN (INT.)
- PRE-FINISHED CORRUGATED MTL. PANEL (INT.)



D NON-COMBUSTIBLE @ EXTERIOR FACE ONLY
2X6 WOOD STUDS @ 16" O.C., BATT INSULATION
- PLY WD., 1/2" RIGID INSULATION, 1/2" CEMENT BOARD, & 7/8" CORTEN CORRUGATED MTL. PANEL (EXT.)
- PRE-FINISHED CORRUGATED MTL. PANEL (INT.)

2 A9.0 BARN- WALL TYPES
SCALE: E
X-DTL-WALLS.DWG

12 A9.0 TYP. INSIDE CORNER- INTERIOR MTL WALL PANEL
SCALE: C
X-DTL-WALLS

WALL TYPE E & H DOOR OPENING

9 A9.0 TYP. INT JAMB (HEAD SIM.)
SCALE: C
X-DTL-WALLS

6 A9.0 FURRED PLUMBING WALL
SCALE: E
X-DTL-WALLS.DWG

L NON-COMBUSTIBLE @ EXTERIOR FACE ONLY
2X6 WOOD STUDS @ 16" O.C., BATT INSULATION
- PLY WD., 1/2" RIGID INSULATION, 1/2" CEMENT BOARD, 4" SHIP LAP W/ WOOD TEXTURE (EXT.)
- IMPACT RESISTANT GYP BD. (INT.)

K NON-COMBUSTIBLE @ EXTERIOR FACE ONLY
2X6 WOOD STUDS @ 16" O.C., BATT INSULATION
- PLY WD., 1/2" RIGID INSULATION, 1/2" CEMENT BOARD, 4" SHIP LAP W/ WOOD TEXTURE (EXT.)
- PLY WD., 1/2" CEMENT BOARD, 4" SHIP LAP W/ WOOD TEXTURE (INT. OPEN TO EXT.)

J NON-COMBUSTIBLE @ EXTERIOR FACE ONLY
2X6 WOOD STUDS @ 16" O.C., BATT INSULATION
- PLY WD., 1/2" RIGID INSULATION, 1/2" CEMENT BOARD, 4" SHIP LAP W/ WOOD TEXTURE (EXT.)
- DECORATIVE WOOD PRINT FRP, O/ MOISTURE RESISTANT GYP BD. (INT.)

3 A9.0 RESTROOM BUILDING- WALL TYPES
SCALE: E
X-DTL-WALLS.DWG

C 2X6 WOOD STUDS @ 16" O.C., BATT INSULATION
- 5/8" GYP BD, PER PLAN (INT. BOTH SIDES)

B 2X6 WOOD STUDS @ 16" O.C., BATT INSULATION
- 5/8" IMPACT RESISTANT GYP BD (INT.)
- DECORATIVE WOOD PRINT FRP, O/ MOISTURE RESISTANT GYP BD. (INT.)

A 2X6 WOOD STUDS @ 16" O.C., BATT INSULATION
- DECORATIVE WOOD PRINT FRP, O/ 5/8" MOISTURE RESISTANT GYP. BD. (INT. BOTH SIDES)

1 A9.0 WALL TYPES- COMMON TO ALL BUILDINGS
SCALE: E
X-DTL-WALLS.DWG

11 A9.0 TYP. INSIDE CORNER- INTERIOR MTL WALL PANEL
SCALE: C
X-DTL-WALLS

WALL TYPE A DOOR OPENING

8 A9.0 TYP. INT JAMB (HEAD SIM.)
SCALE: C
X-DTL-WALLS

T 1-HR FIRE RATED- DESIGN LISTING JH FCS 60-04
2X6 WOOD STUDS @ 16" O.C.
- PLY WD., 5/8" TYPE X EXTERIOR GYP, 1/2" RIGID INSULATION, 1/2" CEMENT BOARD 4" SHIP LAP PLANK, WOOD TEXTURED (EXT.)
- 5/8" TYPE X GYP BD., W/ 1/2" PLY WD. (INT.)

S 2X4 WOOD STUDS @ 16" O.C.
- EXPOSED FRAMING (INT. CLOSET)
- WOOD PLANK & TRIM (INT.)

R (NOT USED)

Q 1-HR FIRE RATED- DESIGN LISTING JH FCS 60-04
2X6 WOOD STUDS @ 16" O.C.
- PLY WD., 5/8" TYPE X EXTERIOR GYP, 1/2" RIGID INSULATION, 1/2" CEMENT BOARD, 4" SHIP LAP PLANK, WOOD TEXTURED (EXT.)
- 5/8" TYPE X GYP BD., WITH WOOD PLANK & TRIM (INT.)

5 A9.0 SMALL EVENT- WALL TYPES
SCALE: E
X-DTL-WALLS.DWG

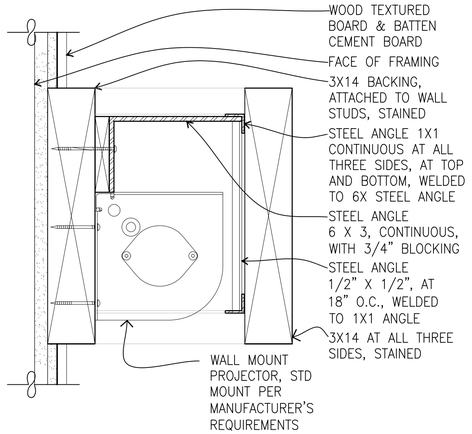
SCALE C 6 3 0 6
SCALE OF INCHES

SCALE E 1 0 1 2
SCALE OF FEET

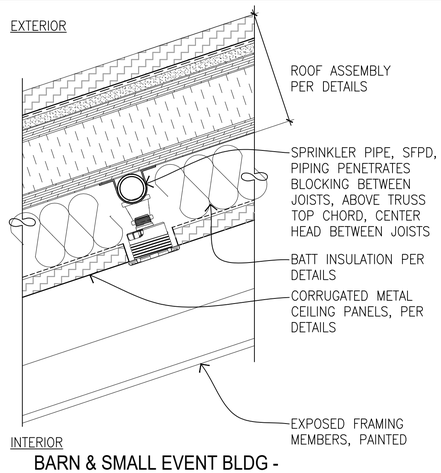
LICENSED ARCHITECT
DEBORAH J. COOPER
NO. 24687
REN. 04-30-23
STATE OF CALIFORNIA

100% FINAL CONSTRUCTION DOCUMENTS

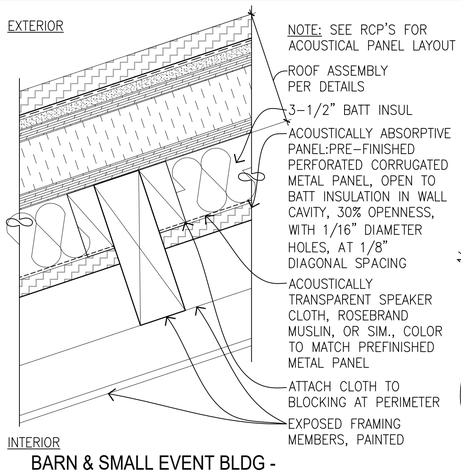
DESIGNED: DC, GK, JC	SUB SHEET NO.	TITLE OF SHEET: INTERIOR DETAILS	DRAWING NO. 638 182819
CADD: JC, MGB	A9.0		PMIS/PKG NO. 303051
TECH. REVIEW: DC/SM			SHEET 92 OF 200
DATE: 7-15-2022		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	



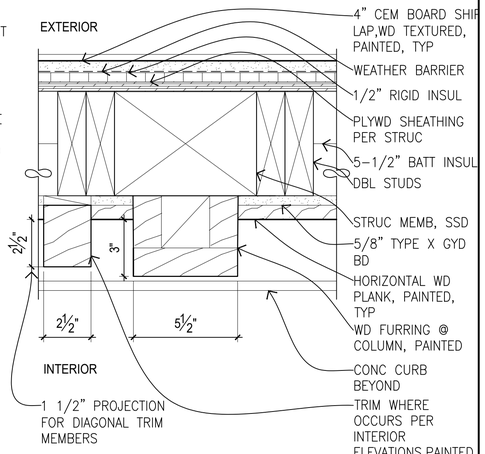
10 A9.1 PROJECTION SCREEN ENCLOSURE AT PAVILION
SCALE: C
XA-INTERIOR DETAILS



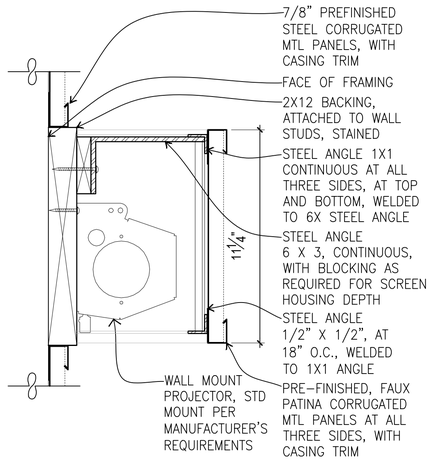
7 A9.1 BARN & SMALL EVENT BLDG - CONCEALED SPRINKLER PIPING DETAIL
SCALE: C
XA-INTERIOR DETAILS



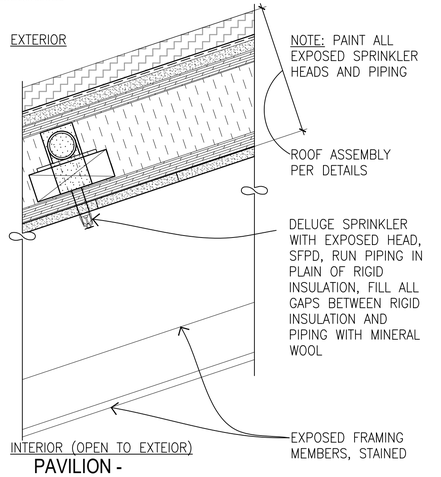
4 A9.1 BARN & SMALL EVENT BLDG - ACOUSTIC MTL CLG PANEL DETAIL
SCALE: C
XA-INTERIOR DETAILS



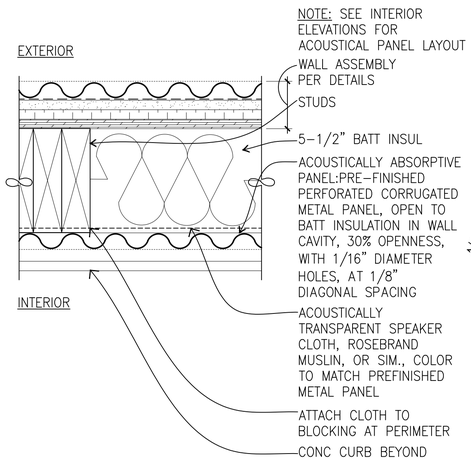
2 A9.1 SMALL EVENT BLDG - INTERIOR FINISH
SCALE: C
XA-INTERIOR DETAILS



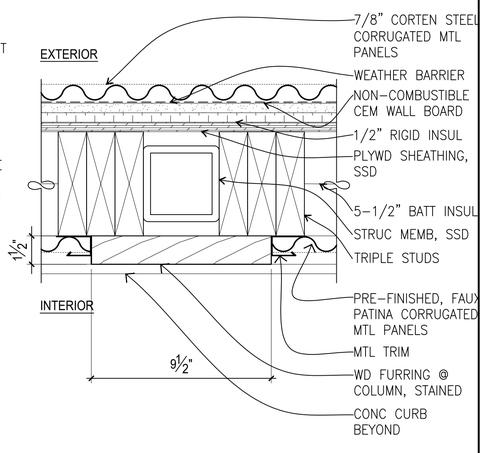
9 A9.1 PROJECTION SCREEN ENCLOSURE AT BARN
SCALE: C
XA-INTERIOR DETAILS



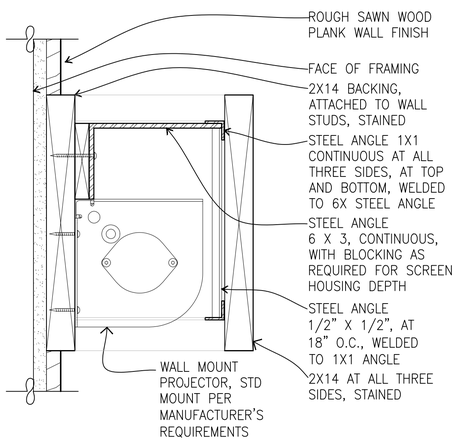
6 A9.1 PAVILION - EXPOSED SPRINKLER PIPING DETAIL
SCALE: C
XA-INTERIOR DETAILS



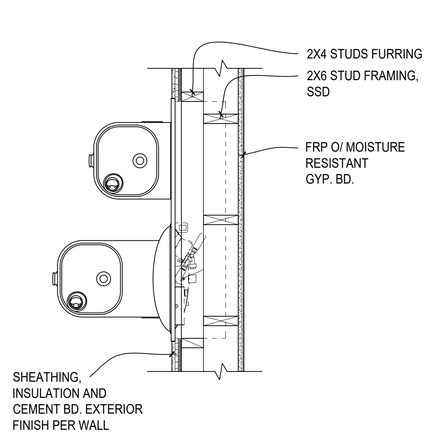
3 A9.1 BARN BLDG - ACOUSTIC WALL PANEL DETAIL
SCALE: C
XA-INTERIOR DETAILS



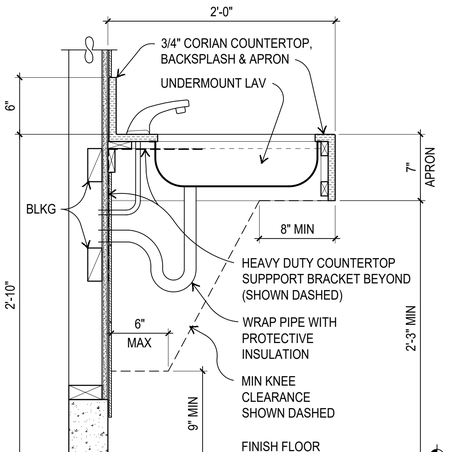
1 A9.1 BARN BLDG - INTERIOR FINISH
SCALE: C
XA-INTERIOR DETAILS



11 A9.1 PROJECTION SCREEN ENCL. AT SMALL EVENT
SCALE: C
XA-INTERIOR DETAILS



8 A9.1 PLUMBING WALL @ DRINKING FOUNTAIN
SCALE: E
X-DTL-WALLS.DWG



5 A9.1 RESTROOM LAVATORY COUNTERTOP
SCALE: D
XA-DTL-LAVATORY

SCALE © 6 3 0 6
SCALE OF INCHES

LICENSED ARCHITECT DEBORAH J. COOPER NO. 24687 REN. 04-30-23 STATE OF CALIFORNIA

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: DC, GK, JC CADD: JC, MGB TECH. REVIEW: DC/SM DATE: 7-15-2022	SUB SHEET NO. A9.1	TITLE OF SHEET: INTERIOR DETAILS SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 93 OF 200

ABBREVIATIONS

∠ or ∡	ANGLE
@	AT
A.B.	ANCHOR BOLT
ABV. or (A)	ABOVE
ACI	AMERICAN CONCRETE INSTITUTE
ADD'L	ADDITIONAL
AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
A.F.F.	ABOVE FINISH FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT.	ALTERNATE
ALUM.	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPROX.	APPROXIMATELY
ARCH.	ARCHITECTURAL or ARCHITECT
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
AWPA	AMERICAN WOOD PRESERVERS ASSOCIATION
AWS	AMERICAN WELDING SOCIETY
BD.	BOARD
BF	BRACED FRAME
BLK.	BLOCK
BLKG.	BLOCKING
BLW.	BELOW
BM.	BEAM
BN	BOUNDARY NAILING
B.O.F.	BOTTOM OF FOOTING
BOT. or (B)	BOTTOM
BP	BASE PLATE
BRG.	BEARING
B.S.	BOTH SIDES
BTWN.	BETWEEN
C	CHANNEL or CAMBER
CANT.	CANTILEVER
C.C.	CENTER TO CENTER
C.C.J.	CRACK CONTROL JOINT
C.F.S.	COLD FORMED STUDS
C.I.P.	CAST IN PLACE
C.J.	CONSTRUCTION JOINT
C.J.P.	COMPLETE JOINT PENETRATION (WELD)
C.L. or ?	CENTER LINE
CLG.	CEILING
CLOS.	CLOSURE
CLR.	CLEAR
CMU	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
C.P.	COMPLETE PENETRATION (WELD)
C.R.	COLD ROLLED
CTR.	CENTER
CTSK	COUNTERSUNK
CU.	CUBIC
DBL.	DOUBLE
DET.	DETAIL
DF	DOUGLAS FIR
DIA. or Ø	DIAMETER
DIAG.	DIAGONAL
DIM.	DIMENSION
DIR.	DIRECTION
DJ	DOUBLE JOIST or RAFTER
D.L.	DEAD LOAD
DN.	DOWN
DO	DITTO
DWG	DRAWING
DWL.	DOWEL
DWR	DEFORMED WIRE REINFORCING
(E)	EXISTING
EA	EACH
EBF	ECCENTRIC BRACED FRAME
E.E.	EACH END or ELECTRICAL ENGINEER
E.F.	EACH FACE
E.J.	EXPANSION JOINT
ELECT'L	ELECTRICAL
ELEV. or EL	ELEVATION
EMB. or EMBED.	EMBEDMENT
EN	PLYWOOD OR SHEATHING EDGE NAILING
EOR	ENGINEER OF RECORD
E.O.S.	EDGE OF SLAB
EQUIP.	EQUIPMENT
E.S.	EACH SIDE
E.W.	EACH WAY
EXP.	EXPANSION
EXT.	EXTERIOR
F.B.	FLAT BAR
F.D.	FLOOR DRAIN
FDN.	FOUNDATION
F.F.	FINISH FLOOR
F.G.	FINISH GRADE
FIN.	FINISH
FLG.	FLANGE
FLR.	FLOOR
FN	FIELD NAILING
F.O.B.	FACE OF BUILDING
F.O.C.	FACE OF CONCRETE
F.O.M.	FACE OF MASONRY
F.O.S.	FACE OF STUD
F.O.W.	FACE OF WALL
FRMG.	FRAMING
F.S.	FAR SIDE
FT	FEET
FTG	FOOTING
GA.	GAUGE
GALV.	GALVANIZED
G.B.	GRADE BEAM
GLB	GLUE-LAM BEAM
GR.	GRADE
GYP.	GYPSUM BOARD
(H)	HIGH or HORIZONTAL
H.C.T.	HOLLOW CLAY TILE
HD.	HOLDOWN DEVICE
HDR.	HEADER
HGR.	HANGER
HORIZ.	HORIZONTAL
H.P.	HIGH POINT
H.S.B.	HIGH STRENGTH BOLT
HSS	HOLLOW STRUCTURAL SECTION
HT.	HEIGHT
IBC	INTERNATIONAL BUILDING CODE
ICC	INTERNATIONAL CODE COMMITTEE
I.D.	INSIDE DIAMETER
I.F.	INSIDE FACE
IN.	INCH or INCHES
INFO.	INFORMATION
INSUL.	INSULATION
INT.	INTERIOR
INV.	INVERTED / INVERT
JST.	JOIST
JT.	JOINT
K	KIP (1000 LBS)
KSI	KIPS PER SQUARE INCH
(L)	LOW
LB.	POUND
LG.	LENGTH or LONG
L.G.S.	LIGHT GAGE STEEL
L.L.	LIVE LOAD
LLBB	LONG LEGS BACK TO BACK
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG.	LONGITUDINAL
L.P.	LOW POINT
L.S.	LAG SCREW or LAG BOLT
LT.	LIGHT
LT. WT.	LIGHT WEIGHT
LVL	LEVEL
LWC	LIGHT WEIGHT CONCRETE
MAS.	MASONRY
MAT'L	MATERIAL
MAX	MAXIMUM
M.B.	MACHINE BOLT
MC	MISCELLANEOUS CHANNEL
MECH'L	MECHANICAL
MEZZ.	MEZZANINE
MFR.	MANUFACTURER
M.I.	MAELLABLE IRON
MIN	MINIMUM
MISC.	MISCELLANEOUS
MTL	METAL
(N)	NEW
N.I.C.	NOT IN CONTRACT
NO. or #	NUMBER
NOM.	NOMINAL
N.S.	NEAR SIDE
N.T.S.	NOT TO SCALE
O/	OVER
O.C.	ON CENTER
OCBF	ORDINARY CONCENTRIC BRACED FRAME
O.D.	OUTSIDE DIAMETER
O.F.	OPPOSITE FACE or OUTSIDE FACE
O.H.	OPPOSITE HAND
OPNG.	OPENING
O.S.B.	ORIENTED STRAND BOARD
O.W.S.J.	OPEN WEB STEEL JOIST
// or PARL.	PARALLEL
P.C.	PRECAST
PERP. or ⊥	PERPENDICULAR
P.J.	POUR JOINT
PL. or ?	PLATE OR PROPERTY LINE
PLY.	PLYWOOD
P.P.	PARTIAL PENETRATION (WELD)
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT.	POINT
P.T.	POST-TENSIONED
PTDF	PRESSURE TREATED DOUGLAS FIR
RAD or R:	RADIUS
RAFT.	RAFTER
R.B.S.	REDUCED BEAM SECTION
R.C.	REINFORCED CONCRETE
RDWD.	REDWOOD
REINF.	REINFORCING
REM.	REMAINDER
REQ'D	REQUIRED
S.A.D.	SEE ARCHITECTURAL DRAWINGS
S.C.D.	SEE CIVIL DRAWINGS
SCHED	SCHEDULE
SECT.	SECTION
S.E.D.	SEE ELECTRICAL DRAWINGS
SEOR	STRUCTURAL ENGINEER OF RECORD
SHT.	SHEET
SHTG.	SHEATHING
SIM.	SIMILAR
S.M.D.	SEE MECHANICAL AND PLUMBING DRAWINGS
SMRF	SPECIAL MOMENT RESISTING FRAME
S.M.S.	SHEET METAL SCREW
S.O.G.	SLAB ON GRADE
SPCG.	SPACING
SPEC.	SPECIFICATION
SQ.	SQUARE
S.S.	STAINLESS STEEL or SELECT STRUCTURAL
STAGG'D	STAGGERED
STD.	STANDARD
STIFF.	STIFFENER
STL.	STEEL
STRUCT'L	STRUCTURAL
SUSP.	SUSPENDED
S.W. or S/W	SHEAR WALL
SYMM.	SYMMETRICAL
(T)	TOP
T&B or T+B	TOP AND BOTTOM
T&G or T+G	TONGUE AND GROOVE
THK.	THICK
THR'D	THREADED
TJI	TRUSS JOIST I-JOIST
T.O.B.	TOP OF BEAM
T.O.C.	TOP OF CONCRETE or CURB
T.O.F.	TOP OF FOOTING
T.O.S.	TOP OF STEEL OR SLAB
T.O.W.	TOP OF WALL
TRANS.	TRANSVERSE
TS.	STRUCTURAL STEEL TUBE
TYP	TYPICAL
UFC	UNITED FACILITIES CRITERIA
U.O.N.	UNLESS OTHERWISE NOTED
VERT. or (V)	VERTICAL
V.I.F.	VERIFY IN FIELD
W/	WITH
W.A.	WEDGE ANCHOR (EXPANSION ANCHOR)
W/O	WITHOUT
WP	WATER PROTECTION or PROOFING
W.P.	WORK POINT
W.P.J.	WEAKENED PLANE JOINT
W.P.M.	WATERPROOF MEMBRANE
WT.	WEIGHT
WWF	WELDED WIRE FABRIC
XS	EXTRA STRONG
XXS.	DOUBLE EXTRA STRONG

FRAMING PLAN GRAPHIC SYMBOL LEGEND

X'-X" (X) — DENOTES MINIMUM WALL LENGTH.
DENOTES SHEAR WALL TYPE, SEE 3/S6.3.
DENOTES PLYWOOD SHEAR WALL.
PLYWOOD SHALL BE INSTALLED ON THE SIDE OF THE WALL WHERE THE SYMBOL IS SHOWN.

POST HOLDOWN — DENOTES HOLDOWN ON PLAN SEE 1/S4.2 FOR HOLDOWN SCHEDULE.

POST BLW — DENOTES POST BELOW.

HDR — DENOTES HEADERS ON PLAN FOR HEADER SCHEDULE, SEE 5/S6.0.

DENOTES EXTERIOR & INTERIOR WALLS THAT CONTINUE UP TO ROOF SHEATHING

DENOTES INTERIOR PARTITION WALLS, S.A.D. FOR LAYOUT

[±X'-X"] — DENOTES TOP OF GB ELEVATION FROM TOP OF SLAB, -0'-9" TYPICAL PER 1/S4.3 U.O.N.
DENOTES CONCRETE GRADE BEAM UNDER SLAB

DENOTES STEP IN FOOTING, SEE 8/S4.3

DENOTES STRUCTURAL SLAB DEPRESSION. S.A.D. FOR SIZE AND EXTENT. SEE DET 6/S4.1

W24x55 <S1>
[-10"] C=1.25"
AISC STEEL SECTION
WELDED STUDS
DENOTES UPWARD CAMBER AT MIDSPAN
DENOTES TOP OF STEEL ELEVATION WITH REFERENCE TO TOP OF STEEL AS SHOWN ON PLAN OR PLAN NOTES

DENOTES STACKED FRAMING CONNECTION, SEE DETAIL 5/S6.2

DENOTES FLUSH FRAMED CONNECTION w/ HANGERS, SEE DETAIL 5/S6.2

BOTTOM CHORD BRACE W/ LOW SIDE AT ARROW HEAD SIDE SEE DETAIL ON SHEET S6.4

AHU X,XXX LB — DENOTES MECHANICAL UNIT & MAX OPERATING WEIGHT. UNIT ON HOUSEKEEPING PAD OR CURBS (S.M.D.) PER 9/S4.1

STRUCTURAL DRAWING SHEET LIST

SHEET NUMBER	SHEET TITLE
S1.0	GENERAL NOTES
S1.1	GENERAL NOTES
S1.2	GENERAL NOTES
S2.0	BARN – FOUNDATION PLAN
S2.1	BARN – ROOF FRAMING PLAN
S2.2	PAVILION – FOUNDATION PLAN
S2.3	PAVILION – ROOF FRAMING PLAN
S2.4	SMALL EVENT BUILDING – FOUNDATION AND ROOF PLANS
S2.5	RESTROOM BUILDING – FOUNDATION AND ROOF PLANS
S3.0	SECTIONS
S4.0	CONCRETE TYPICAL DETAILS
S4.1	CONCRETE TYPICAL DETAILS
S4.2	CONCRETE TYPICAL DETAILS
S4.3	CONCRETE TYPICAL DETAILS
S5.0	STEEL TYPICAL DETAILS
S6.0	WOOD TYPICAL DETAILS
S6.1	WOOD TYPICAL DETAILS
S6.2	WOOD TYPICAL DETAILS
S6.3	WOOD TYPICAL DETAILS
S6.4	WOOD TYPICAL DETAILS

REGISTERED PROFESSIONAL ENGINEER ... KHOURY ... No. S3323 Expires 06/30/24 STRUCTURAL STATE OF CALIFORNIA

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 182819
CADD FE	S1.0	GENERAL NOTES	PMIS/PKG NO. 303051
TECH. REVIEW: FK		–	SHEET
DATE: 7-15-22		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	94 OF 200

GENERAL NOTES:

1. GENERAL

A. CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE.

B. THESE NOTES APPLY TO ALL DRAWINGS AND GOVERN UNLESS OTHERWISE NOTED OR SPECIFIED.

C. VERIFY ALL EXISTING CONDITIONS AND PROPOSED DIMENSIONS AT JOB SITE. COMPARE STRUCTURAL DRAWINGS WITH EXISTING FIELD CONDITIONS BEFORE COMMENCING WORK. NOTIFY CONTRACTING OFFICER OF ANY DISCREPANCIES AND DO NOT PROCEED WITH AFFECTED WORK UNTIL THEY ARE RESOLVED. DO NOT SCALE DRAWINGS.

D. UNLESS OTHERWISE SHOWN OR NOTED, ALL TYPICAL DETAILS SHALL BE USED WHERE APPLICABLE.

E. ALL DETAILS SHALL BE CONSIDERED TYPICAL AT SIMILAR CONDITIONS.

F. SAFETY MEASURES: AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF THE PERSONS AND PROPERTY, PROVIDING NECESSARY SHORING AND BRACING, AND FOR ALL NECESSARY INDEPENDENT ENGINEERING REVIEWS OF THESE CONDITIONS. THE CONTRACTING OFFICER'S JOB SITE REVIEW IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES.

G. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. ALL DAMAGE SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.

H. CONTRACTOR SHALL BRING OMISSIONS OR DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS TO THE CONTRACTING OFFICER'S ATTENTION PRIOR TO PROCEEDING WITH THE WORK.

2. DESIGN CRITERIA

A. DESIGN LOADS:

	DEAD	LIVE
ROOF	22	20
UNINHABITABLE ATTICS, NO STORAGE	–	10

B. SNOW LOAD: NONE

C. WIND LOADS:

PAVILION BUILDING:

RISK CATEGORY: III
BASE WIND SPEED (3 SECOND GUST) V_{ult} = 101 MPH
EXPOSURE CATEGORY: B
INTERNAL PRESSURE COEFFICIENT: GCpi = ±0.18
COMPONENTS & CLADDING WIND PRESSURES:

	ZONE	P_{LRFD} (PSF)
ROOFS:	1	+16 / −30
	2	+21 / −44
	3	+27 / −52
WALLS:	4	+18 / −20
	5	+18 / −24

BARN, SMALL EVENT, RESTROOM BUILDINGS:

RISK CATEGORY: II
BASE WIND SPEED (3 SECOND GUST) V_{ult} = 94 MPH
EXPOSURE CATEGORY: B
INTERNAL PRESSURE COEFFICIENT: GCpi = ±0.18

	ZONE	P_{LRFD} (PSF)
ROOFS:	1	+16 / −26
	2	+16 / −38
	3	+16 / −45
WALLS:	4	+16 / −17
	5	+16 / −21

NOTE: C&C PRESSURES ARE CALCULATED USING THE MINIMUM EFFECTIVE WIND AREA (10 SQUARE FEET).

D. EARTHQUAKE SEISMIC DESIGN DATA:

1) LATITUDE: 34°06'56"N LONGITUDE: 118°45'24"W
2) SITE CLASS "D"
3) MAPPED SPECTRAL RESPONSE ACCELERATIONS: S_S = 1.492g S_1 = 0.527g
4) SPECTRAL RESPONSE COEFFICIENTS: S_{DS} = 0.995g S_{D1} = 0.623g
5) SEISMIC DESIGN CATEGORY "D"
6) ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

PAVILION BUILDING:

a. RISK CATEGORY "III"
b. SEISMIC IMPORTANCE FACTOR, I_e = 1.25
c. ALLOWABLE STORY DRIFT: Δ_a = 0.020H
d. LATERAL FORCE RESISTING SYSTEM:

BUILDING	SYSTEM	R	C_S	V (LRFD)
PAVILION	PLYWOOD SHEAR WALLS	6.5	0.191	0.249W = 49.2K

BARN, EVENT, & RESTROOM BUILDINGS:

a. RISK CATEGORY "II"
b. SEISMIC IMPORTANCE FACTOR, I_e = 1.0
c. ALLOWABLE STORY DRIFT: Δ_a = 0.025H
d. LATERAL FORCE RESISTING SYSTEM:

BUILDING	SYSTEM	R	C_S	V (LRFD)
BARN	PLYWOOD SHEAR WALLS	6.5	0.153	0.199W = 34.9K
EVENT	PLYWOOD SHEAR WALLS	6.5	0.153	0.199W = 13.4K
RESTROOM	PLYWOOD SHEAR WALLS	6.5	0.153	0.199W = 13.0K

D. DELEGATED DESIGN:
WOOD ROOF TRUSSES SHALL BE DESIGNED BY THE TRUSS MANUFACTURER'S PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA. FOR THE CONSTRUCTION DOCUMENTS PHASE TRUSS DIMENSIONS, LOADING, PROFILE, GENERAL ARRANGEMENT OF WEB MEMBERS AND MINIMUM WOOD SIZES WILL BE PROVIDED.

3. FOUNDATIONS

A. THE FOUNDATION DESIGN IS BASED ON A SOILS REPORT PREPARED BY KLEINFELDER, INC., REPORT NO. 20170255.001, DATED 06/25/2021. A COPY OF THIS REPORT SHALL BE OBTAINED FROM THE CONTRACTING OFFICER'S OFFICE. THIS REPORT IS PART OF THE CONSTRUCTION DOCUMENTS AND ITS RECOMMENDATIONS ARE TO BE FOLLOWED DURING CONSTRUCTION. THE FOLLOWING VALUES HAVE BEEN USED FOR DESIGN:

	STATIC (D+L)	TOTAL COMBINED (D+L+E/W)
ALLOWABLE VERTICAL BEARING (PSF):	870B + 1,590D	1,305B + 2,385D
ALLOWABLE PASSIVE PRESSURE (PSF/FT):	400	535
ALLOWABLE FRICTIONAL COEFFICIENT:	0.35	0.47

(NOTE: 'B' IS FOOTING WIDTH IN FEET & 'D' IS FOOTING EMBEDMENT DEPTH IN FEET)

LATERAL EARTH PRESSURES FOR ON-SITE SOIL:

ACTIVE PRESSURE (PSF/FT):	35
BRACED PRESSURE (PSF):	23 H
AT-REST PRESSURE (PSF/FT):	50

B. EXCEPT WHERE OTHERWISE SHOWN, EXCAVATIONS SHALL BE MADE AS NEAR AS POSSIBLE TO THE NEAT LINES REQUIRED BY THE SIZE AND SHAPE OF THE STRUCTURE. ALL FOUNDATIONS SHALL BE POURED WITHOUT THE USE OF SIDE FORMS WHEREVER POSSIBLE. IF THE TRENCHES CANNOT STAND, FULLY FORM SIDES TO DIMENSIONS SHOWN.

C. DO NOT ALLOW WATER TO STAND IN TRENCHES. IF BOTTOMS OF TRENCHES BECOME SOFTENED DUE TO RAIN OR OTHER WATER BEFORE CONCRETE IS CAST, EXCAVATE SOFTENED MATERIAL AND REPLACE WITH PROPERLY COMPACTED BACKFILL OR CONCRETE AT NO COST TO OWNER.

D. ALL EXCAVATIONS, FORMS AND REINFORCING ARE TO BE INSPECTED BY THE LOCAL BUILDING INSPECTOR AND ARCHITECT PRIOR TO PLACING CONCRETE.

E. ALL TRENCHES AND EXCAVATIONS SHALL BE COMPACTED TO 90% RELATIVE COMPACTION PRIOR TO THE PLACEMENT OF CONCRETE.

F. CONCRETE FOUNDATIONS SHALL NOT BE LOADED UNTIL 7 DAYS FROM POURING HAVE ELAPSED. UPON WRITTEN APPROVAL FROM THE ENGINEER, CONTRACTOR MAY LOAD FOUNDATIONS PRIOR TO THE 7 DAY LIMIT PROVIDED TEST RESULTS SHOW CONCRETE STRENGTH HAS ACHIEVED A MINIMUM OF 75% SPECIFIED ULTIMATE COMPRESSIVE STRENGTH.

4. SPECIAL INSPECTION AND TESTING

A. PROVIDE THE SERVICES OF AN INDEPENDENT TESTING AND INSPECTION AGENCY TO PERFORM TESTING AND INSPECTION IN ACCORDANCE WITH THE 2018 IBC, CHAPTER 17.

1) CONCRETE (PLACEMENT AND SAMPLING)
2) BOLTS INSTALLED IN CONCRETE
3) WELDING
4) HOLDOWNS
5) HIGH STRENGTH BOLTING
6) PLYWOOD NAILING

5. CONCRETE:

A. STRUCTURAL CONCRETE SHALL BE MADE WITH NORMAL WEIGHT AGGREGATE (N.W.C.) UNLESS OTHERWISE NOTED, AND SHALL HAVE COMPRESSIVE STRENGTH AT 28 DAYS OF:

ELEMENT	TYPE	COMPRESSIVE STRENGTH (f'c) AT 28 DAYS
FOOTINGS	N.W.C.	3,000 psi
SLABS	N.W.C.	3,000 psi

B. CEMENT SHALL BE TYPE II CONFORMING TO ASTM C150.

C. AGGREGATES SHALL BE ROCK OR CRUSHED ROCK, IN ACCORDANCE WITH ASTM C33. SELECTION OF MATERIALS, PROPORTIONING OF CONCRETE MIXES, AND MIXING AND PLACING OF CONCRETE SHALL BE IN ACCORDANCE WITH THE IBC, ACI 318, AND ACI 301.

D. WATER/CEMENT RATIO SHALL NOT BE GREATER THAN 0.42, U.O.N.

E. CONCRETE SHALL BE PLACED IN A CONTINUOUS OPERATION UNTIL THE SECTION IS COMPLETED BETWEEN PREDETERMINED CONSTRUCTION JOINTS. CONCRETE SHALL BE OF A CONSISTENCY TO PERMIT PLACING INTIMATELY AROUND REINFORCING BARS AND AGAINST FORMS.

F. CONSTRUCTION JOINT LOCATIONS AND DETAILS, WHEN NOT SHOWN ON THE PLANS, SHALL BE SUBJECT TO THE APPROVAL OF THE CONTRACTING OFFICER.

G. THOROUGHLY CLEAN AND ROUGHEN CONSTRUCTION JOINTS TO 1/4" MIN AMPLITUDE, EXPOSING CLEAN AGGREGATE SOLIDLY EMBEDDED IN MORTAR MATRIX AND ALL LAITANCE REMOVED. IMMEDIATELY BEFORE NEW CONCRETE IS PLACED, CONSTRUCTION JOINTS SHALL BE WETTED AND STANDING WATER REMOVED.

H. CONCRETE SHALL BE KEPT MOIST OR CURED BY PROTECTIVE COVERINGS APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, FOR A PERIOD OF 7 DAYS.

I. FORMS SHALL BE TIGHT AND CLEAN BEFORE PLACING CONCRETE. REMOVE FORMS FROM ALL AREAS AFTER COMPLETION OF WORK.

J. S.A.D. FOR WATERPROOFING REQUIREMENTS AT CONCRETE SURFACES AND JOINTS.

K. ALL EXPOSED CORNERS SHALL BE CHAMFERED ¾ INCH UNLESS OTHERWISE NOTED.

L. LEAN CONCRETE SHALL BE SAND AND CEMENT MIXTURE WITH A MINIMUM 50 LBS OF CEMENT AND A MINIMUM OF 150 LBS OF TOTAL CEMENTTIIOUS MATERIAL PER CUBIC YARD.

6. REINFORCING STEEL:

A. REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

DEFORMED BARS:	ASTM A615, GRADE 60
WELDED BARS:	ASTM A706, GRADE 60
TIE WIRES:	18ga OR HEAVIER, BLACK ANNEALED

B. THE CLEAR DISTANCE BETWEEN PARALLEL BARS IN A LAYER SHALL NOT BE LESS THAN 3 TIMES THE NOMINAL DIAMETER OF THE BARS, OR 1.33 TIMES THE MAXIMUM SIZE AGGREGATE, NOR LESS THAN 1-1/2".

C. UNLESS OTHERWISE NOTED, LAP SPLICES OF REINFORCING BARS SHALL BE STAGGERED A MINIMUM OF THE REQUIRED SPLICE LENGTH FROM LAPS IN OTHER ADJACENT REINFORCING BARS. IN NO CASE SHALL MORE THAN 50% OF THE REINFORCING BARS BE SPLICED AT ANY SINGLE CROSS SECTION. WHEN LAP SPLICING REINFORCEMENT BARS OF DIFFERENT SIZES, USE THE LARGER BAR LAP SPLICE LENGTH.

D. REINFORCING STEEL SHALL HAVE A MINIMUM PROTECTIVE COVERING OF CONCRETE AS FOLLOWS U.O.N.:

i. CONCRETE PLACED DIRECTLY AGAINST EARTH	3"
ii. CONCRETE PLACED AGAINST FORMS BUT EXPOSED TO EARTH OR WEATHER:	
BARS LARGER THAN #5	2"
#5 BARS AND SMALLER	1-1/2"
iii. CONCRETE PLACED AGAINST FORMS BUT NOT EXPOSED TO EARTH OR WEATHER:	
SLABS AND WALLS #11 BARS AND SMALLER	¾"
BEAMS AND COLUMNS	1-1/2"

E. ALL BARS SHALL BE CLEAN OF RUST, GREASE AND OTHER MATERIALS LIKELY TO IMPAIR BOND. ALL BENDS SHALL BE MADE COLD.

F. REINFORCING DETAILING, BENDING AND PLACING SHALL BE IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE", LATEST EDITION.

6. REINFORCING STEEL (CONT'D):

G. LAP SPLICES ARE NOT PERMITTED WHERE MECHANICAL SPLICES ARE SHOWN OR SPECIFIED ON DRAWINGS.

H. WHERE MECHANICAL SPLICES ARE USED, MECHANICAL CONNECTORS SHALL BE TENSION – COMPRESSION 'TYPE 2' CAPABLE OF DEVELOPING 125 PERCENT OF THE YIELD STRENGTH OF THE SPLICED BAR AND 100 PERCENT OF THE TENSILE STRENGTH OF THE SPLICED BAR.

I. WELDING OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF AWS D1.4.

7. STRUCTURAL STEEL

A. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING (U.O.N.)

ELEMENT	ASTM DESIGNATION	GRADE
HOLLOW STRUCTURAL SECTIONS	ASTM A500	GR. B (Fy= 46 KSI)
ROLLED SHAPES	ASTM A36	
PLATES	ASTM A572	GR. 50
WIDE FLANGE SHAPES	ASTM A992	

B. MACHINE BOLTS SHALL CONFORM TO ASTM A307, GRADE A. HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM A325 TYPE I.

C. ANCHOR BOLTS AND RODS SHALL CONFORM TO ASTM F1554, GR 55. ALL THREADED ROD FOR USE WITH EPOXY SHALL CONFORM TO ASTM A193 GR 'B7'.

D. HEADED ANCHOR STUDS: ASTM 108, AISI C 1015 THROUGH C 1020, HEADED STUD TYPE, COLD FINISHED CARBON STEEL, AWS D1.1, TYPE B – SEE SPECIFICATIONS.

E. STEEL TO STEEL CONNECTIONS SHALL BE MADE WITH 7/8" DIAMETER A325 HIGH STRENGTH BOLTS UNLESS OTHERWISE NOTED, CLASSIFIED AS TYPE N WITH "SNUG" TIGHTENING, OR WHERE INDICATED, FULL PRE-TENSION.

F. MINIMUM CONNECTION: 2 BOLTS.

G. STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC STANDARDS.

H. ALL STRUCTURAL STEEL EXPOSED TO WEATHER SHALL BE HOT DIP GALVALIZED. FABRICATE AND JOIN ELEMENTS TO THE FULLEST EXTENT POSSIBLE IN THE SHOP PRIOR TO GALVANIZING.

I. WELDING SHALL BE PERFORMED ONLY BY AMERICAN WELDING SOCIETY (AWS) CERTIFIED WELDERS IN THE FIELD AND SHOP. ALL WELDING SHALL CONFORM TO AWS D1.1, LATEST EDITION. ALL WELDING SHALL CONFORM TO THE APPROVED WELDING PROCEDURE SPECIFICATION (WPS) PREPARED BY THE TRADE CONTRACTOR AND APPROVED BY THE CONTRACTING OFFICER.

J. HIGH STRENGTH BOLTS, ASTM F3125, GRADE A325, TYPE 1, TREADS EXCLUDE FROM THE SHEAR PLANE, WITH HEAVY HEX NUTS AND WASHERS.

K. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS): REFER TO SPECIFICATIONS FOR FINISH REQUIREMENTS. INTUMESCENT PAINT SHALL BE SUBSTITUTED FOR SPRAY-ON FIREPROOFING, S.A.D. FOR RATING REQUIRED.

L. NOT ALL STEEL ON THE PROJECT IS SHOWN IN THE STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL AND OTHER DISCIPLINES DRAWINGS FOR ADDITIONAL MISC. METALS REQUIRED BUT NOT SHOWN IN THIS DRAWING SET.

M. ALL STEEL MEMBERS CONNECTING TO OR SUPPORTING WOOD FRAMING SHALL HAVE AT A MINIMUM 5/8" DIAMETER WELDED THREADED STUDS AT 24" ON CENTER TYPICAL U.O.N.

8. WELDING OF STRUCTURAL STEEL

A. WELDS SHALL BE FULL LENGTH OF JOINT UNLESS LENGTH OF WELD IS NOTED ON WELD SYMBOL.

B. ALL WELDING REQUIREMENTS SHOWN OR INDICATED ON THE DRAWINGS MAY BE FIELD OR SHOP WELDED AS REQUIRED FOR EFFICIENT ERECTION, SUBJECT TO THE APPROVAL OF THE CONTRACTING OFFICER.

C. ALL WELDING SHALL BE AS PER LATEST EDITION OF AWS D1.1 USING 70ksi ELECTRODES.

D. SPECIAL INSPECTION IS REQUIRED FOR ALL SHOP AND FIELD WELDING.

E. ALL WELDING SHALL BE PERFORMED BY WELDERS QUALIFIED BY TESTING.

F. ALL WELD SIZES AS SHOWN ON DRAWINGS ARE THE MINIMUM WELD REQUIREMENTS IN DESIGN, CONTRACTOR SHALL INCREASE THE WELD SIZE WHERE REQUIRED TO SATISFY AISC MINIMUM SIZE OF WELD REQUIREMENT.

9. ROUGH CARPENTRY:

A. ALL CONSTRUCTION SHALL COMPLY WITH STANDARDS OF QUALITY REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE, SECTION 2303.

B. CONVENTIONAL CONSTRUCTION PROVISIONS NOT SPECIFICALLY DETAILED ON THE PLANS SHALL BE IN COMPLIANCE WITH THE INTERNATIONAL BUILDING CODE, SECTION 2308.

C. FOR SCHEDULE OF MINIMUM NAILING SEE TABLE 2304.10.1, INTERNATIONAL BUILDING CODE. 16 PENNY VINYL COATED SINKERS MAY BE SUBSTITUTED FOR 16 PENNY BOX OR COMMON NAILS FOR ROUGH FRAMING. SINKERS SHALL NOT BE USED WITH METAL CONNECTORS.

D. SILLS ON CONCRETE SHALL BE 3X PRESSURE-TREATED DOUGLAS FIR. SILLS SHALL BE FASTENED TO THE CONCRETE WITH A MINIMUM OF TWO FASTENERS PER PIECE AND NO FASTENERS FURTHER THAN 9 INCHES FROM END OF PIECE.

E. PLACE SAWN LUMBER MEMBERS WITH THE CROWN UP.

F. RETIGHTEN ALL BOLTS PRIOR TO CLOSING IN WALLS.

G. ALL FASTENERS IN CONTACT WITH PRESERATIVE TREATED AND FIRE RETARTANT TREATED LUMBER, OR PERMANENTLY EXPOSED TO WEATHER SHALL BE OF HOT-DIPPED, ZINC-COTED, GALVANIZED OR STAINLESS STEEL IN ACCORDANCE WITH THE IBC SECTION 2304.9.5

H. DOUBLE ALL JOISTS UNDER ALL PARALLEL PARTITIONS, UNLESS NOTED OTHERWISE.

I. BLOCK ALL JOISTS AT SUPPORTS AND UNDER ALL PARTITIONS WITH MINIMUM 2X SOLID BLOCKING. BLOCK AND BRIDGE ROOF JOISTS AT 10 FEET AND FLOOR JOISTS AT 8 FEET UNLESS OTHERWISE NOTED. FOR MANUFACTURED JOISTS, PROVIDE BLOCKING AT AND BETWEEN SUPPORTS PER THE MANUFACTURERS SPECIFICATIONS

J. ALL TIMBER FASTENERS NOT SPECIFICALLY DETAILED ON THE DRAWINGS SHALL BE SIMPSON STRONG TIE, INC. STANDARD FASTENERS OR APPROVED EQUAL.

K. PROVIDE 3"x3"x0.229" PLATE WASHERS FOR ALL BOLTS IN BEARING CONTACT WITH SILL PLATES.

L. BOLT HOLES SHALL BE BORED NO MORE THAN 1/32 OF AN INCH LARGER THAN THE DIAMETER OF THE BOLT.

M. DOUBLE TOP PLATES ON ALL EXTERIOR, INTERIOR BEARING, AND INTERIOR SHEAR WALLS SHALL LAP 4'-0" MINIMUM, WITH 16-16D NAILS AT SPLICE U.O.N.

10. FRAMING LUMBER (UNLESS OTHERWISE NOTED)

A. ALL FRAMING LUMBER SHALL BE GRADED PER WCLIB GRADING RULES NO. 16 WITH MAXIMUM MOISTURE CONTENT OF 19% AT THE TIME OF INSTALLATION.

B. ALL POSTS AND BEAMS SHALL BE DOUGLAS FIR, #1.

C. ALL FLOORS, ROOFS, AND CEILING JOISTS OR RAFTERS SHALL BE DOUGLAS FIR, #1.

D. ALL STUDS, PLATES, ETC. SHALL BE DOUGLAS FIR, #2 OR BETTER.

E. ALL FRAMING EXPOSED TO WEATHER SHALL BE PRESSURE-TREATED DOUGLAS FIR UNLESS OTHERWISE NOTED ON PLANS OR DETAILS.

F. ALL TIMBER PLACED AGAINST BRICK, MASONRY, OR CONCRETE CONSTRUCTION SHALL BE PRESSURE-TREATED. TREAT CUT ENDS, NOTCHES OR DISRUPTIONS IN FACTORY TREATMENT WITH COPPER NAPTHENATE SOLUTION OR EQUAL.

11. ENGINEERED LUMBER

A. ENGINEERED LUMBER SHALL BE AS MANUFACTURED BY TRUSS JOIST MACMILLAN OR AN APPROVED EQUIVALENT.

B. ALL MICROLLAM (LVL) PARALLAM (PSL), AND TIMBER STRAND (LSL) SHALL HAVE THE FOLLOWING ALLOWABLE DESIGN STRESSES: (AN APPROVED EQUIVALENT MAY BE USED WITH EQUAL OR GREATER STRESS CAPACITIES)

LVL		PSL		LSL	
F_b =	2,600 PSI	F_b =	2,900 PSI	F_b =	1,700 PSI
F_c =	750 PSI	F_c =	750 PSI	F_c =	680 PSI
F_v =	285 PSI	F_v =	290 PSI	F_v =	400 PSI
E =	1,900 KSI	E =	2,000 KSI	E =	1,550 KSI

C. ALL PSL AND LSL BEAMS SHALL BE SOLID, DIMENSONS AS SHOWN. ALL LVL BEAMS SHALL BE COMPRISED OF LAMINATED PLIES TO MEET THE DIMENSIONS AS SHOWN FASTENED PER THE MANUFACTURER'S SPECIFICATIONS OR THE DETAILS INCLUDED HEREIN. THE CONTRACTOR MAY USE A SOLID LVL BEAM WITH THE DIMENSIONS AS SHOWN IN-LIEU OF LAMINATED PLIES.

12. WOOD STRUCTURAL PANELS

A. ALL WOOD STRUCTURAL PANELS SHALL BE MARKED WITH THE APPROPRIATE TRADEMARK OF APA AND SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF VOLUNTARY PRODUCT STANDARD PS1, VOLUNTARY PRODUCT STANDARD PS 2 OR APA PRP-108 PERFORMANCE STANDARDS. PANEL THICKNESS, GRADE AND GROUP NUMBER OR SPAN RATING SHALL BE AT LEAST EQUAL TO THAT SHOWN ON THE DRAWINGS. APPLICATION SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS OF APA.

B. WOOD STRUCTURAL PANEL SHEETS SHALL HAVE THICKNESS AS SPECIFIED HEREIN OR AS NOTED ON DRAWINGS.

C. WOOD STRUCTURAL PANEL SHEETS AT FLOORS AND ROOFS SHALL BE LAID WITH FACE GRAIN PERPENDICULAR TO JOISTS AND RAFTERS, UNLESS OTHERWISE SPECIFIED ON PLANS.

D. WOOD STRUCTURAL PANEL SHEETS ON WALLS SHALL BE LAID WITH LONG DIMENSION VERTICAL. BLOCK ALL EDGES. MINIMUM DIMENSION OF PANELS ON WALLS, FLOORS OR ROOF SHALL BE 24".

E. UNLESS OTHERWISE NOTED ON THE DRAWINGS, TYPICAL ROOF SHEATHING SHALL BE 3/4" THICK WITH SPAN RATING 48/24, EXPOSURE 1 WITH 10D NAILS @ 6" O.C. @ PANEL EDGES AND WITH 10D NAILS @ 12" O.C. IN THE FIELD. PROVIDE PLYCLIPS BETWEEN JOINTS WHERE EDGES ARE NOT BLOCKED.

F. UNLESS OTHERWISE SPECIFIED IN A SHEARWALL SCHEDULE OR ON THE DRAWINGS, ALL EXTERIOR SHEATHING SHALL BE 1/2" STRUC 1 WITH SPAN RATING 24/0 EXPOSURE 1, NAILED WITH 10D @ 6" O.C. PANEL EDGES AND @ 12" O.C. FIELD. SEE SHEAR WALL SCHEDULE WHERE PROVIDED ON PLANS.

G. ALL PLY FOR SHEARWALLS & BLOCKED DIAPHRAGMS SHALL BE 4 PLY MIN..

13. ROD & REBAR EPOXY INSTALLATION

A. DRILL ALL HOLES WITH ROTARY DRILL (NO IMPACT TOOLS ALLOWED) TO DEPTHS CALLED ON PLANS. HOLE DIAMETER SHALL BE 1/8 INCH LARGER THAN THE ROD OR BAR DIAMETER, UNLESS OTHERWISE NOTED ON PLANS. FOR INSTALLATION IN BRICK OR HOLLOW CELL CMU WITH A SCREEN TUBE, HOLE DIAMETER SHALL BE 1/4 INCH LARGER THAN THE ROD OR BAR DIAMETER, UNLESS NOTED OTHERWISE ON PLANS.

B. DO NOT DRILL THROUGH EXISTING REBARS. DRILL NEW HOLES WHERE REBAR IS ENCOUNTERED AND DRYPACK THE ABANDONED HOLE. FOR HOLES DRILLED INTO COLUMNS AND BEAMS, REMOVE THE REBAR COVER IN ORDER TO POSITIVELY IDENTIFY THE REBAR LOCATION SUCH THAT THE HOLES AVOID THE REBARS.

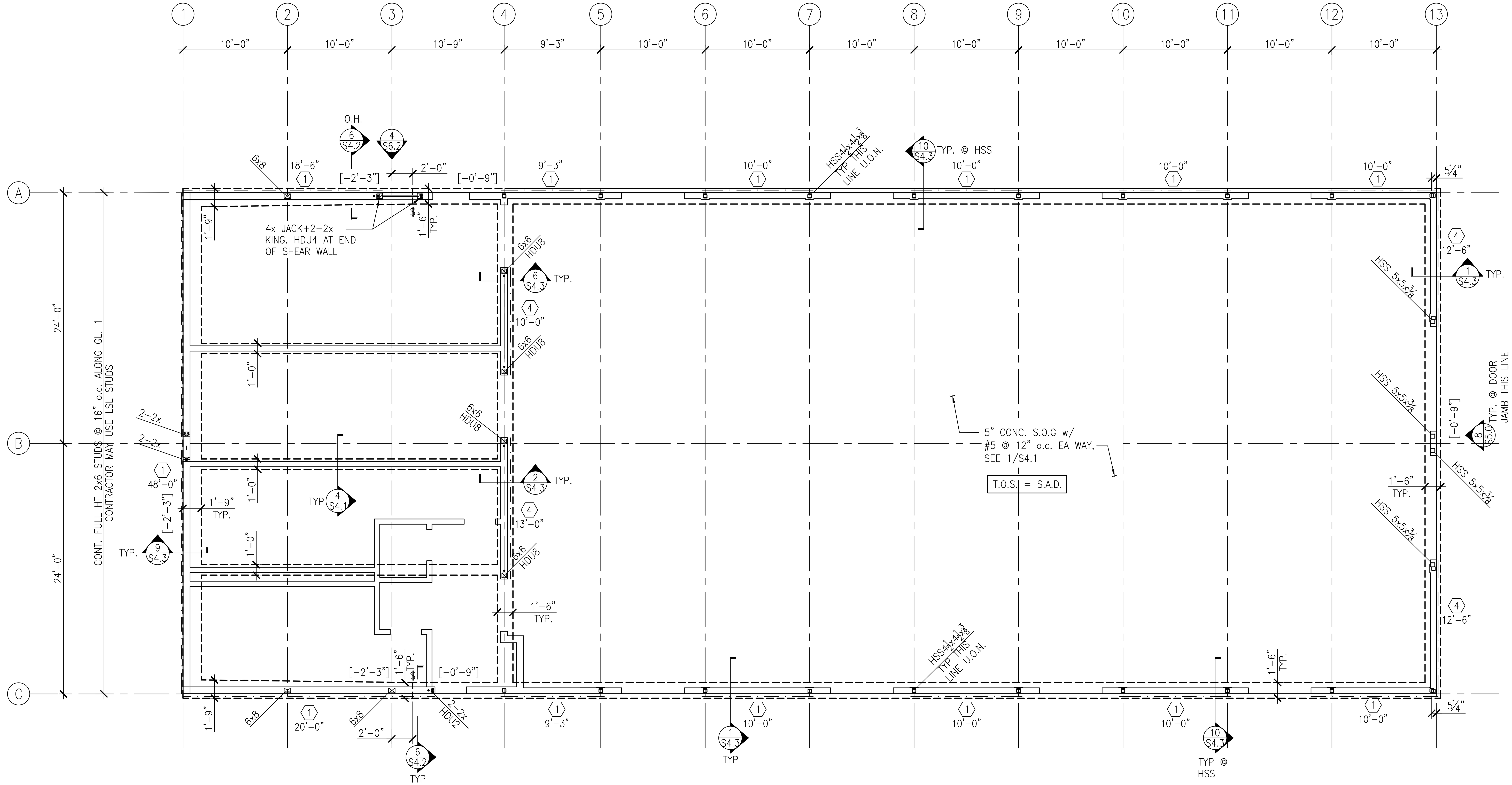
C. BRUSH ALL HOLES WITH CIRCULAR WIRE BRUSH ATTACHED TO A ROTARY DRILL AND BLOW OUT WITH OIL-FREE COMPRESSED AIR.

D. POUR A MEASURED AMOUNT OF EPOXY INTO THE HOLE, INSERT THE BAR, DISPLACING THE EPOXY, THEN SECURE THE BAR IN THE CENTER OF THE HOLE. REMOVE EXCESS EPOXY FROM AROUND THE HOLE BEFORE IT HARDENS. EPOXY SHALL FILL HOLE TO THE RIM.

E. EPOXY FOR ANCHORING BOLTS, RODS AND REINFORCING BARS SHALL BE HILTI RE500SD (ICC ESR 2322) OR EQUAL FOR CONCRETE AND HILTI HIT HY-70 (ICC ESR 3342) OR EQUAL FOR CMU/BRICK.

F. USE NON-SAG , NORMAL SET EPOXY (U.O.N.) FOR HORIZONTAL OR OVERHEAD APPLICATION. USE A CAULKING GUN FOR THE INJECTION OF NON-SAG EPOXY.

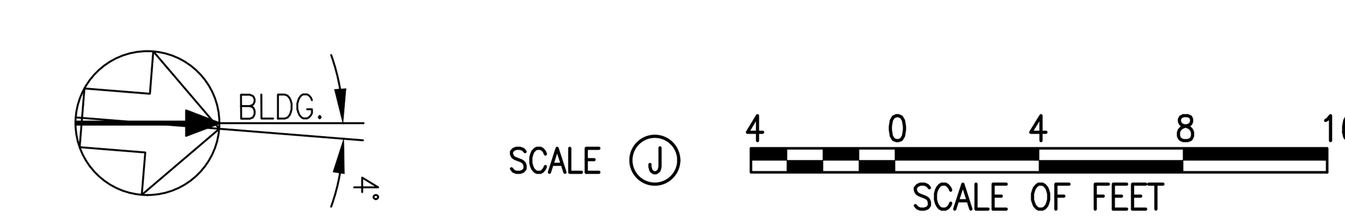
G. ALL EPOXY ANCHOR INSTALLATION SHALL HAVE SPECIAL INSPECTION AND SHALL BE PROOF LOAD TESTED IN ACCORDANCE WITH SECTION 2 OF THESE NOTES.



1 FOUNDATION PLAN
S2.0 SCALE: J

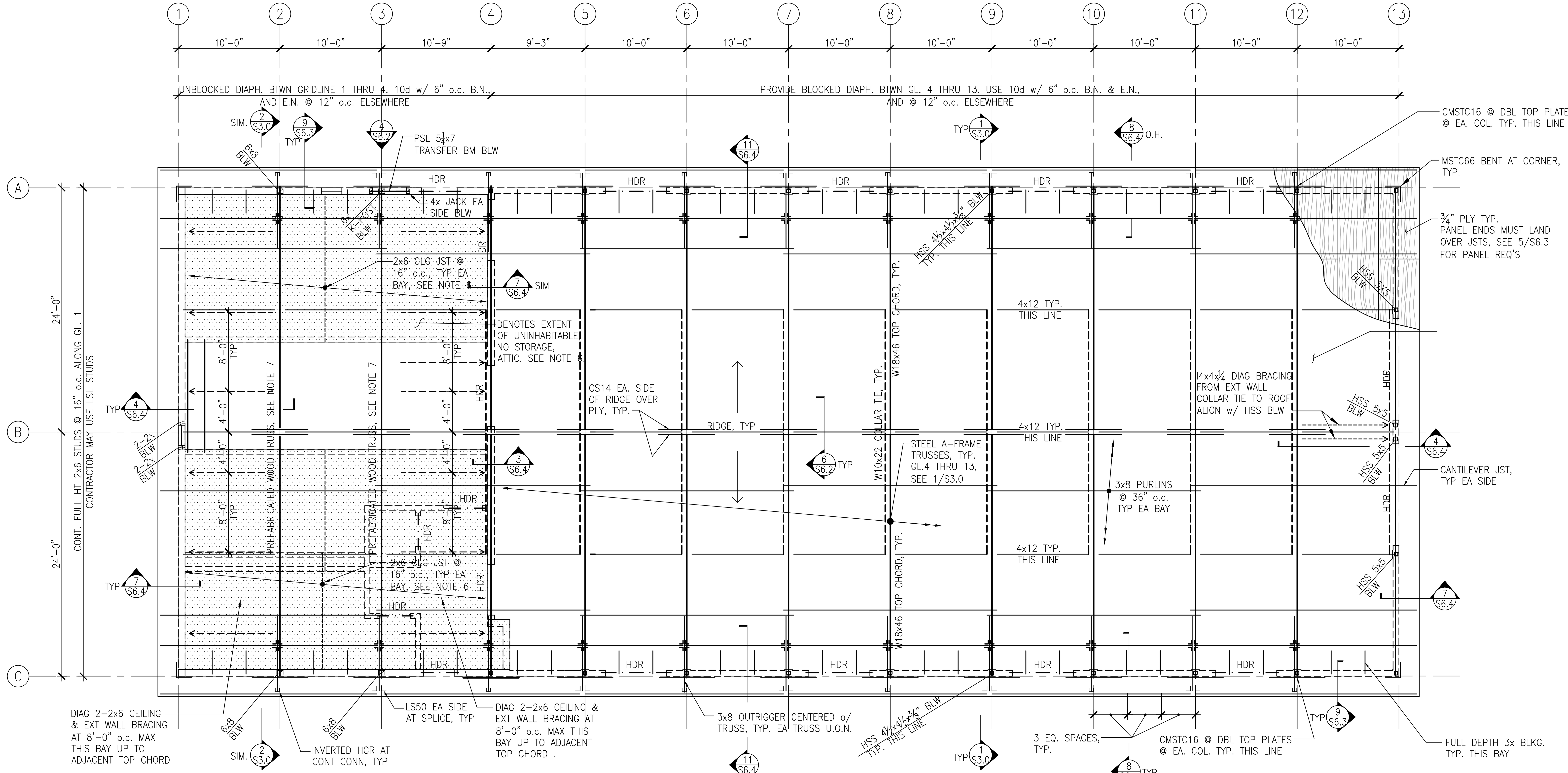
SHEET NOTES:

1. REFER TO GENERAL STRUCTURAL NOTES & DETAILS FOR GENERAL REQUIREMENTS OF CONSTRUCTION, MATERIALS, SHOP DRAWINGS, ABBREVIATIONS AND REQUIREMENTS OF CONSTRUCTION OBSERVATIONS.
2. S.A.D. FOR ALL DIMENSIONS AND FINISHED ELEVATIONS NOT NOTED. DO NOT SCALE DRAWINGS.
3. S.A.D. FOR ALL FINISHES, FIRE PROTECTION, THERMAL AND MOISTURE PROTECTION, WATERPROOFING, AND OTHER NON-STRUCTURAL ISSUES.
4. SEE GENERAL NOTES FOR ALL SPECIAL INSPECTION REQUIREMENTS.
5. STUD WALL FRAMING SHALL BE 2x4 @ 16"o.c. FOR WALL HEIGHT LESS THAN 9'-0" & 2x6 @ 16"o.c. ELSEWHERE UNLESS OTHERWISE NOTED.
6. PRE-MANUFACTURED ROOF TRUSSES SHALL BE DESIGNED & FABRICATED BY LICENSED ENGINEER. PRE-MANUFACTURED ROOF TRUSSES SHALL BE CONSTRUCTED WITH (ASSUMED) MINIMUM 2-3x12 TOP & BOTTOM CHORD MEMBERS AND 3x6 WEB MEMBERS.
7. TRUSS T&B CHORD BRACING PER MANUFACTURER'S REQUIREMENTS EA BAY. MINIMUM LOCATION AT CENTER & QUARTER SPAN w/ 3x6 MEMBERS.



100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 / 182819
CADD: FE	S2.0	BARN FOUNDATION PLAN —	PMIS/PKG NO. 303051
TECH. REVIEW: FK		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 97 OF 200
DATE: 7-15-22			



1 ROOF FRAMING PLAN
S2.1 SCALE: J

SHEET NOTES:

1. REFER TO GENERAL STRUCTURAL NOTES & DETAILS FOR GENERAL REQUIREMENTS OF CONSTRUCTION, MATERIALS, SHOP DRAWINGS, ABBREVIATIONS AND REQUIREMENTS OF CONSTRUCTION OBSERVATIONS.
2. S.A.D. FOR ALL DIMENSIONS AND FINISHED ELEVATIONS NOT NOTED. DO NOT SCALE DRAWINGS.
3. S.A.D. FOR ALL FINISHES, FIRE PROTECTION, THERMAL AND MOISTURE PROTECTION, WATERPROOFING, AND OTHER NON-STRUCTURAL ISSUES.
4. SEE GENERAL NOTES FOR ALL SPECIAL INSPECTION REQUIREMENTS.
5. STUD WALL FRAMING SHALL BE 2x4 @ 16"o.c. FOR WALL HEIGHT LESS THAN 9'-0" & 2x6 @ 16"o.c. ELSEWHERE UNLESS OTHERWISE NOTED.
6. PROVIDE FULL DEPTH BLOCKING AT CEILING JOIST SPLICE LOCATIONS AS NOTED IN PLAN AND AT THIRD POINTS OF JOIST SPAN, TYPICAL.
7. PRE-MANUFACTURED ROOF TRUSSES SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA. PRE-MANUFACTURED ROOF TRUSSES SHALL BE CONSTRUCTED WITH (ASSUMED) MINIMUM 2-3x12 TOP & BOTTOM CHORD MEMBERS AND 3x6 WEB MEMBERS.
8. TRUSS BOTTOM CHORD BRACING PER MANUFACTURER'S REQUIREMENTS EA BAY. MINIMUM LOCATION AT CENTER & QUARTER SPAN w/ 3x6 MEMBERS.

BLDG.

SCALE J — 4 0 4 8 16 SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 182819
CADD FE	S2.1	BARN ROOF FRAMING PLAN ----	PMIS/PKG NO. 303051
TECH. REVIEW: FK		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET
DATE: 7-15-22			98 OF 200

1/S2.0 FOUNDATION PLAN
SCALE: (J)

SHEET NOTES:

1. REFER TO GENERAL STRUCTURAL NOTES & DETAILS FOR GENERAL REQUIREMENTS OF CONSTRUCTION, MATERIALS, SHOP DRAWINGS, ABBREVIATIONS AND REQUIREMENTS OF CONSTRUCTION OBSERVATIONS.
2. S.A.D. FOR ALL DIMENSIONS AND FINISHED ELEVATIONS NOT NOTED. DO NOT SCALE DRAWINGS.
3. S.A.D. FOR ALL FINISHES, FIRE PROTECTION, THERMAL AND MOISTURE PROTECTION, WATERPROOFING, AND OTHER NON-STRUCTURAL ISSUES.
4. SEE GENERAL NOTES FOR ALL SPECIAL INSPECTION REQUIREMENTS.
5. STUD WALL FRAMING SHALL BE 2x4 @ 16"o.c. FOR WALL HEIGHT LESS THAN 9'-0" & 2x6 @ 16"o.c. ELSEWHERE UNLESS OTHERWISE NOTED.
6. PRE-MANUFACTURED ROOF TRUSSES SHALL BE DESIGNED & FABRICATED BY LICENSED ENGINEER. PRE-MANUFACTURED ROOF TRUSSES SHALL BE CONSTRUCTED WITH (ASSUMED) MINIMUM 2-3x12 TOP & BOTTOM CHORD MEMBERS AND 3x6 WEB MEMBERS.
7. TRUSS T&B CHORD BRACING PER MANUFACTURER'S REQUIREMENTS EA BAY. MINIMUM LOCATION AT CENTER & QUARTER SPAN w/ 3x6 MEMBERS.

BLDG. 4°

SCALE (K) 8 0 8 16 SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 / 182819
CADD FE	S2.2	PAVILION FOUNDATION PLAN	PMIS/PKG NO. 303051
TECH. REVIEW: FK		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 99 OF 200
DATE: 7-15-22			

1 S2.3 ROOF FRAMING PLAN
SCALE: J

SHEET NOTES:

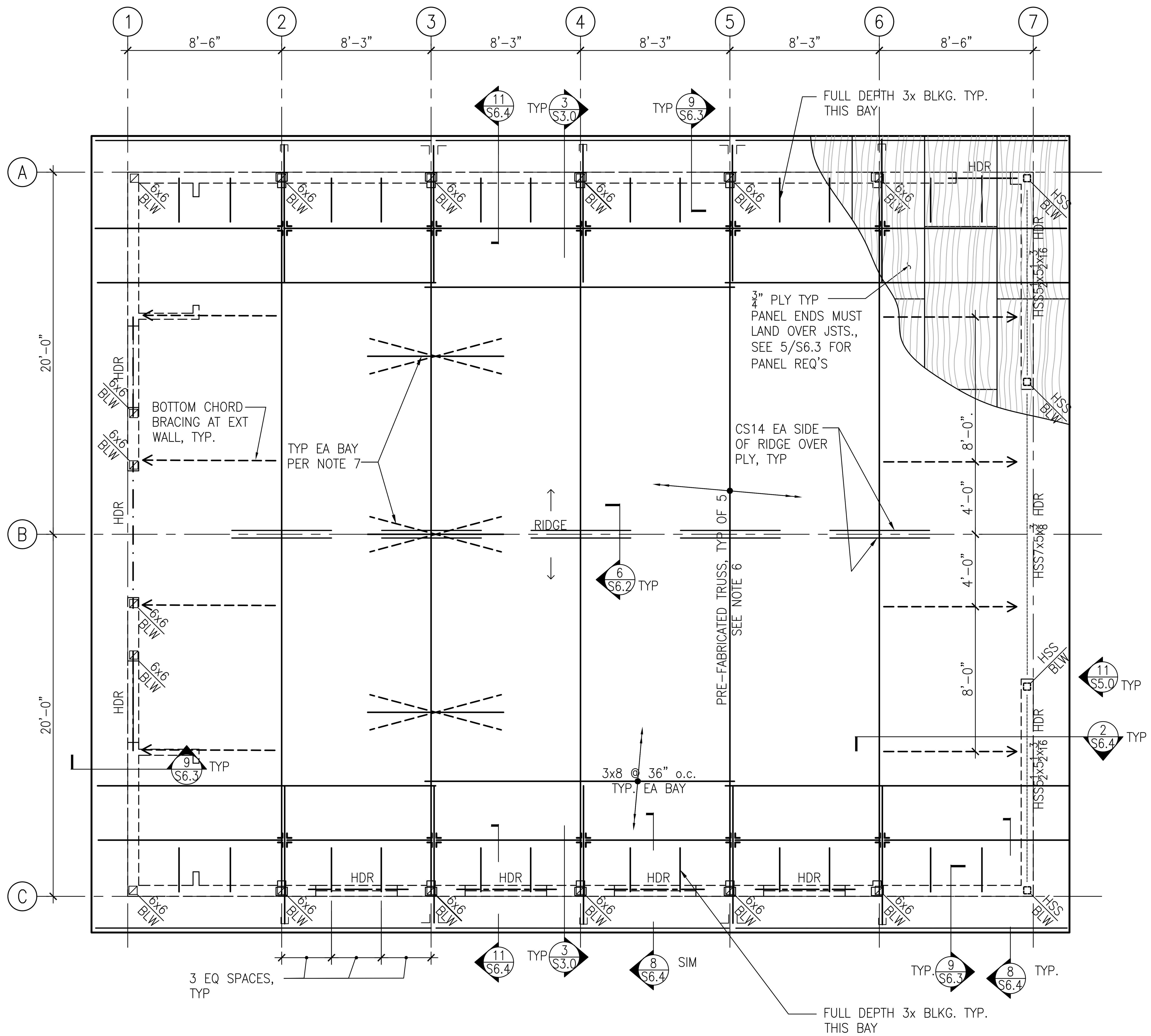
1. REFER TO GENERAL STRUCTURAL NOTES & DETAILS FOR GENERAL REQUIREMENTS OF CONSTRUCTION, MATERIALS, SHOP DRAWINGS, ABBREVIATIONS AND REQUIREMENTS OF CONSTRUCTION OBSERVATIONS.
2. S.A.D. FOR ALL DIMENSIONS AND FINISHED ELEVATIONS NOT NOTED. DO NOT SCALE DRAWINGS.
3. S.A.D. FOR ALL FINISHES, FIRE PROTECTION, THERMAL AND MOISTURE PROTECTION, WATERPROOFING, AND OTHER NON-STRUCTURAL ISSUES.
4. SEE GENERAL NOTES FOR ALL SPECIAL INSPECTION REQUIREMENTS.
5. STUD WALL FRAMING SHALL BE 2x4 @ 16"o.c. FOR WALL HEIGHT LESS THAN 9'-0" & 2x6 @ 16"o.c. ELSEWHERE UNLESS OTHERWISE NOTED.
6. PRE-MANUFACTURED ROOF TRUSSES SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA. PRE-MANUFACTURED ROOF TRUSSES SHALL BE CONSTRUCTED WITH (ASSUMED) MINIMUM 2-3x12 TOP & BOTTOM CHORD MEMBERS AND 3x6 WEB MEMBERS.
7. TRUSS BOTTOM CHORD BRACING PER MANUFACTURER'S REQUIREMENTS EA BAY. MINIMUM LOCATION AT CENTER & QUARTER SPAN w/ 3x6 MEMBERS.
8. PROVIDE FULL DEPTH BLOCKING AT CEILING JOIST SPLICE LOCATIONS AS NOTED IN PLAN AND AT THIRD POINTS OF JOIST SPAN, TYPICAL.

BLDG. SCALE K 8 0 8 16 SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

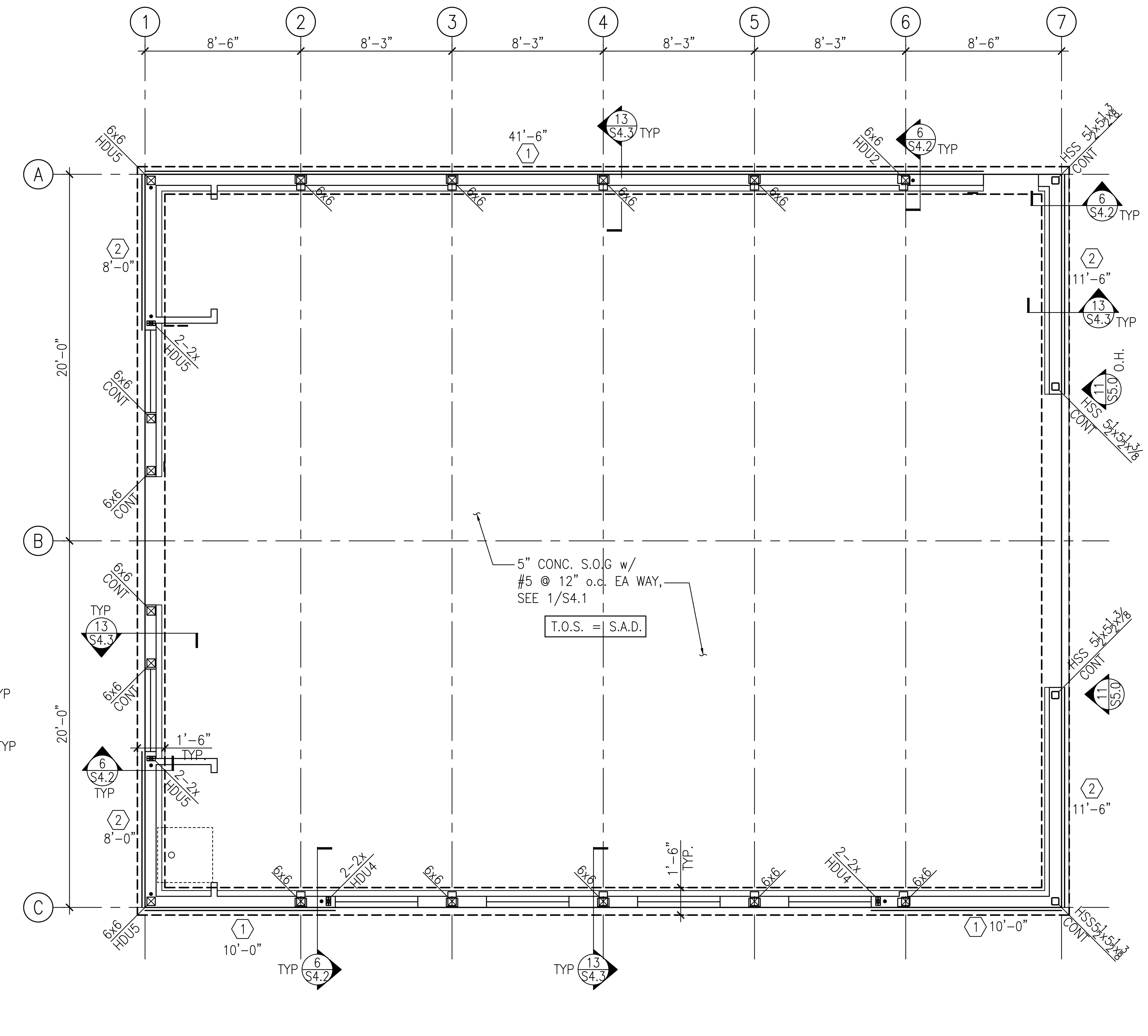
DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 182819
CADD FE	S2.3	PAVILION ROOF FRAMING PLAN	PMIS/PKG NO. 303051
TECH. REVIEW: FK		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 100 OF 200
DATE: 7-15-22			

REGISTERED PROFESSIONAL ENGINEER STRUCTURAL STATE OF CALIFORNIA Expires 06/30/24



ROOF FRAMING PLAN

2/S2.4 SCALE: 1



FOUNDATION PLAN

1/S2.4 SCALE: 1

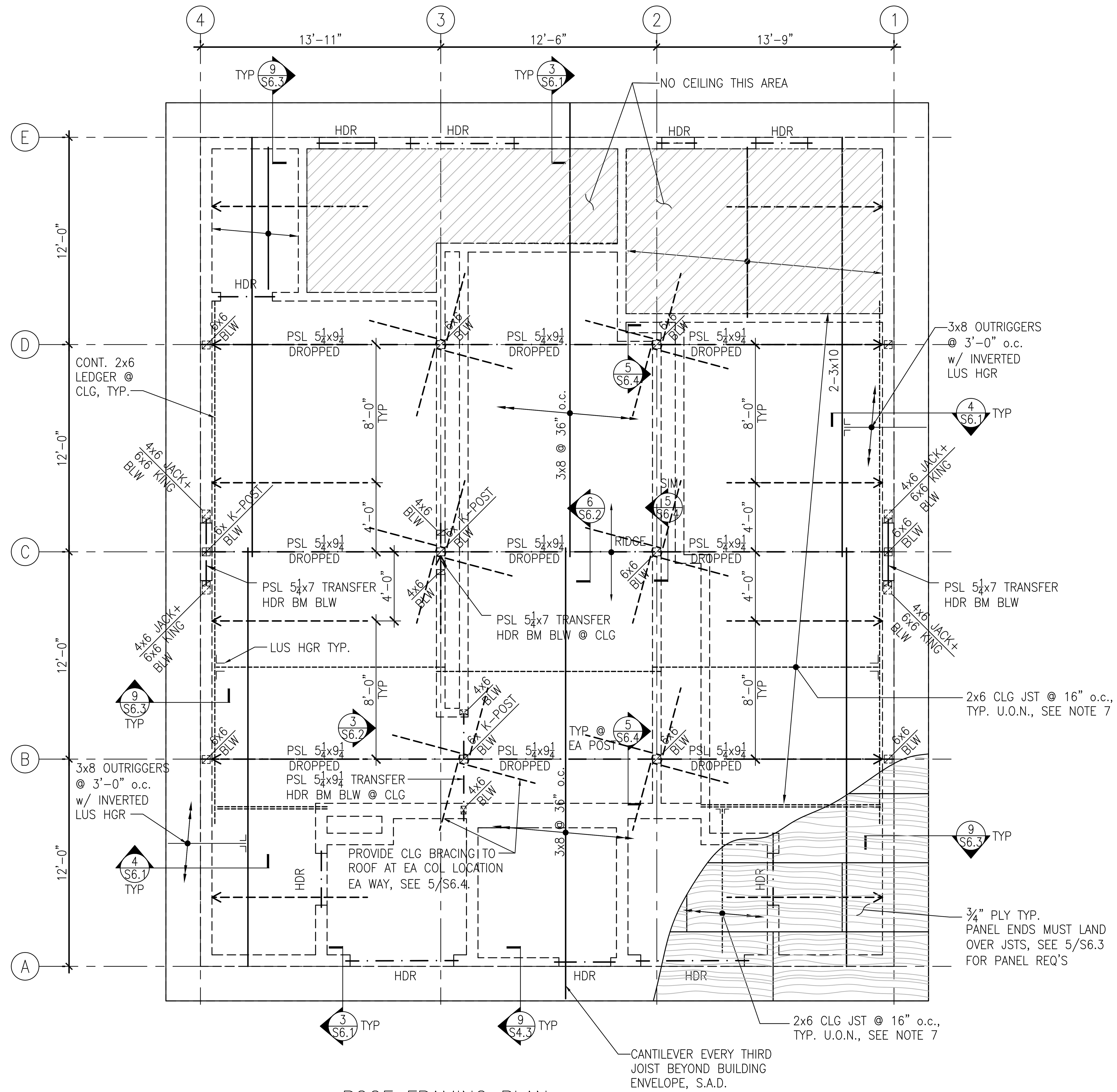
SHEET NOTES:

1. REFER TO GENERAL STRUCTURAL NOTES & DETAILS FOR GENERAL REQUIREMENTS OF CONSTRUCTION, MATERIALS, SHOP DRAWINGS, ABBREVIATIONS AND REQUIREMENTS OF CONSTRUCTION OBSERVATIONS.
2. S.A.D. FOR ALL DIMENSIONS AND FINISHED ELEVATIONS NOT NOTED. DO NOT SCALE DRAWINGS.
3. S.A.D. FOR ALL FINISHES, FIRE PROTECTION, THERMAL AND MOISTURE PROTECTION, WATERPROOFING, AND OTHER NON-STRUCTURAL ISSUES.
4. SEE GENERAL NOTES FOR ALL SPECIAL INSPECTION REQUIREMENTS.
5. STUD WALL FRAMING SHALL BE 2x6 @ 16" o.c. FOR WALL HEIGHT LESS THAN 12'-0" & 2x8 @ 16"o.c. ELSEWHERE UNLESS OTHERWISE NOTED. WHERE EXTERIOR WALL STUD HEIGHT EXCEEDS 16'-0", PROVIDE DOUBLE STUD. IF STUD HEIGHT EXCEEDS 20'-0", NOTIFY ENGINEER IMMEDIATELY.
6. PRE-MANUFACTURED ROOF TRUSSES SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA. PRE-MANUFACTURED ROOF TRUSSES SHALL BE CONSTRUCTED WITH (ASSUMED) MINIMUM 2-3x8 TOP & BOTTOM CHORD MEMBERS AND 3x WEB MEMBERS.
   6.1. TRUSSES NEED TO BE BUILT TO A BETTER APPEARANCE STANDARD THAN THE TYPICAL MASS-PRODUCED METAL-PLATE-CONNECTED TRUSSES.
7. TRUSS BOTTOM CHORD BRACING PER MANUFACTURER'S REQUIREMENTS EA BAY. MINIMUM LOCATION AT CENTER & QUARTER SPAN w/ 3x6 MEMBERS.

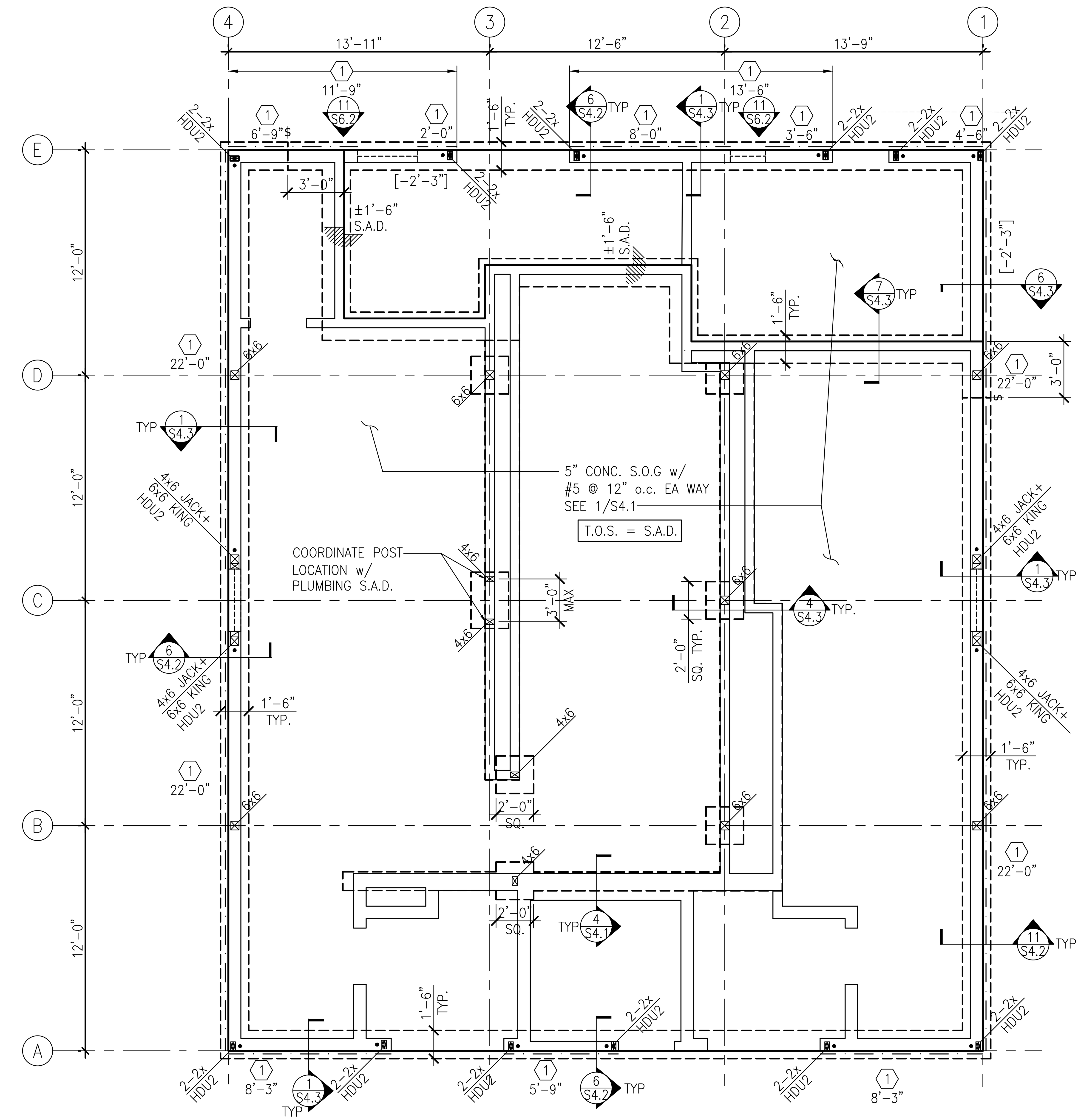
BLDG. SCALE 1 — 4 0 4 8 SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 / 182819
CADD: FE	S2.4	SMALL EVENT BUILDING FOUNDATION & ROOF PLANS —	PMIS/PKG NO. 303051
TECH. REVIEW: FK		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 101 OF 200
DATE: 7-15-22			



2/S2.5 ROOF FRAMING PLAN
SCALE: J



1/S2.5 FOUNDATION PLAN
SCALE: J

SHEET NOTES:

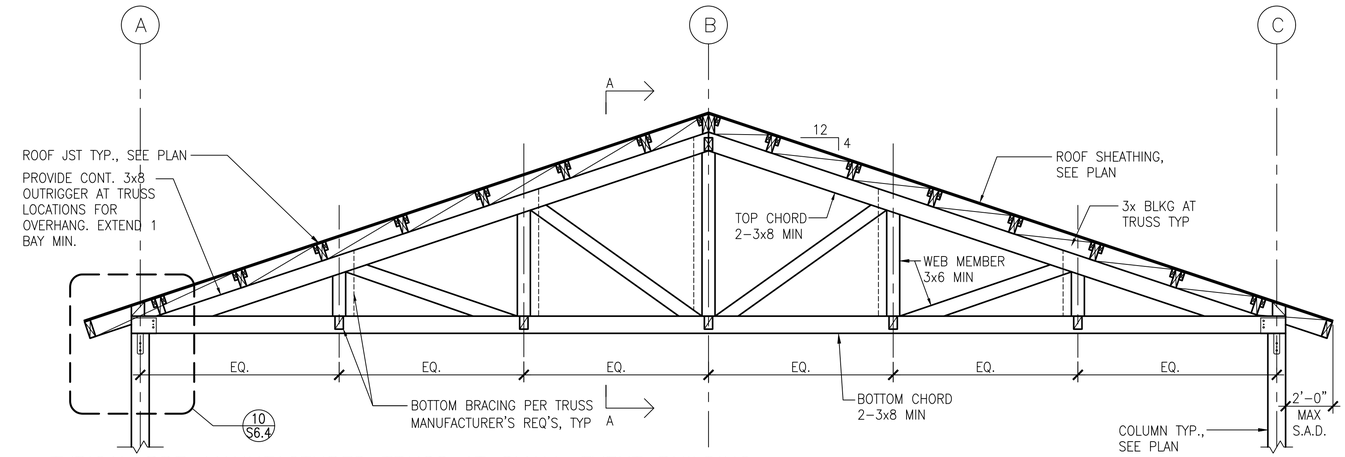
1. REFER TO GENERAL STRUCTURAL NOTES & DETAILS FOR GENERAL REQUIREMENTS OF CONSTRUCTION, MATERIALS, SHOP DRAWINGS, ABBREVIATIONS AND REQUIREMENTS OF CONSTRUCTION OBSERVATIONS.
2. S.A.D. FOR ALL DIMENSIONS AND FINISHED ELEVATIONS NOT NOTED. DO NOT SCALE DRAWINGS.
3. S.A.D. FOR ALL FINISHES, FIRE PROTECTION, THERMAL AND MOISTURE PROTECTION, WATERPROOFING, AND OTHER NON-STRUCTURAL ISSUES.
4. SEE GENERAL NOTES FOR ALL SPECIAL INSPECTION REQUIREMENTS.
5. STUD WALL FRAMING SHALL BE 2x6 @ 16" o.c. UNLESS OTHERWISE NOTED.
6. PROVIDE CONCRETE CURB AT ALL INTERIOR WALLS. S.A.D. FOR REQUIREMENTS, 6" WIDE x 4" TALL MINIMUM.
7. PROVIDE FULL DEPTH BLOCKING AT CEILING JOIST SPLICE LOCATIONS AS NOTED IN PLAN AND AT THIRD POINTS OF JOIST SPAN, TYPICAL. PROVIDE CONT. 2x LEDGER AT EXTERIOR WALL w/ LUS HGR PER DETAIL

BLDG. SCALE 1 — 4 0 4 8 SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

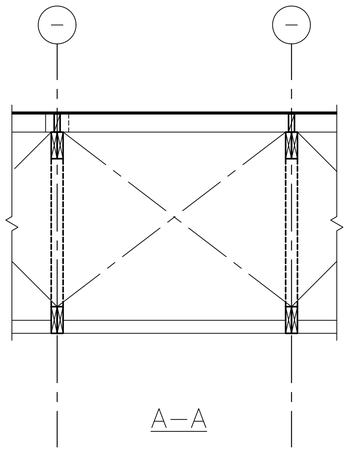
DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638
CADD FE	S2.5	RESTROOM BUILDING FOUNDATION & ROOF PLANS —	182819
TECH. REVIEW: FK			PMIS/PKG NO. 303051
DATE: 7-15-22		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 102 OF 200

REGISTERED PROFESSIONAL ENGINEER, No. 4323, Expires 06/30/24, STRUCTURAL, STATE OF CALIFORNIA



3 S3.0 TYPICAL PRE-MANUFACTURED TRUSS AT SMALL EVENT BUILDING

SCALE: (H)



TRUSS LOADING:

TOP CHORD:
- TRIBUTARY WIDTH: 8'-6"
- DEAD LOAD: 18 PSF (SELF WT OF TRUSS NOT INCLUDED)
- ROOF LIVE LOAD: 20 PSF
- SNOW LOAD: NONE
- WIND LOAD: ±16 PSF

BOTTOM CHORD:
- MEP ALLOWANCE: 25 PLF

ADD'L PREMANUFACTURED TRUSS NOTES:

1. PRE-MANUFACTURED ROOF TRUSSES SHALL BE DESIGNED & FABRICATED BY A LICENSED ENGINEER.
2. PROVIDE SHOP DRAWINGS & CALCULATIONS FOR REVIEW PRIOR TO CONSTRUCTION.
3. MINIMUM MEMBER SIZES MAY BE REDUCED FROM THAT NOTED ON THE PLANS PROVIDED:
   a. S.E.O.R. REVIEWS & APPROVES CALCULATIONS.
   b. ARCHITECT APPROVES OF REDUCED MEMBER SIZE.
   c. TOP & BOTTOM CHORDS MAY NOT BE SMALLER THAN 2-3x8.

2 S3.0 TYPICAL PRE-MANUFACTURED TRUSS AT PAVILION

SCALE: (H)

TRUSS LOADING:

TOP CHORD:
- TRIBUTARY WIDTH: 12'-6"
- DEAD LOAD: 18 PSF (SELF WT OF TRUSS NOT INCLUDED)
- ROOF LIVE LOAD: 20 PSF
- SNOW LOAD: NONE
- WIND LOAD: ±16 PSF

BOTTOM CHORD:
- MEP ALLOWANCE: 25 PLF

ADD'L PREMANUFACTURED TRUSS NOTES:

1. PRE-MANUFACTURED ROOF TRUSSES SHALL BE DESIGNED & FABRICATED BY A LICENSED ENGINEER.
2. PROVIDE SHOP DRAWINGS & CALCULATIONS FOR REVIEW PRIOR TO CONSTRUCTION.
3. TRUSSES REQUIRED TO MEET HEAVY TIMBER DESIGN STANDARDS. MINIMUM MEMBER SIZE ALLOWED IS 3x6. MINIMUM MEMBER SIZES NOTED MAY BE REDUCED FROM THAT NOTED ON THE PLANS PROVIDED:
   a. S.E.O.R. REVIEWS & APPROVES CALCULATIONS.
   b. ARCHITECT APPROVES OF REDUCED MEMBER SIZE.
   c. TOP & BOTTOM CHORDS MAY NOT BE SMALLER THAN 2-3x8.

1 S3.0 TYPICAL A-FRAME TRUSS AT BARN

SCALE: (H)

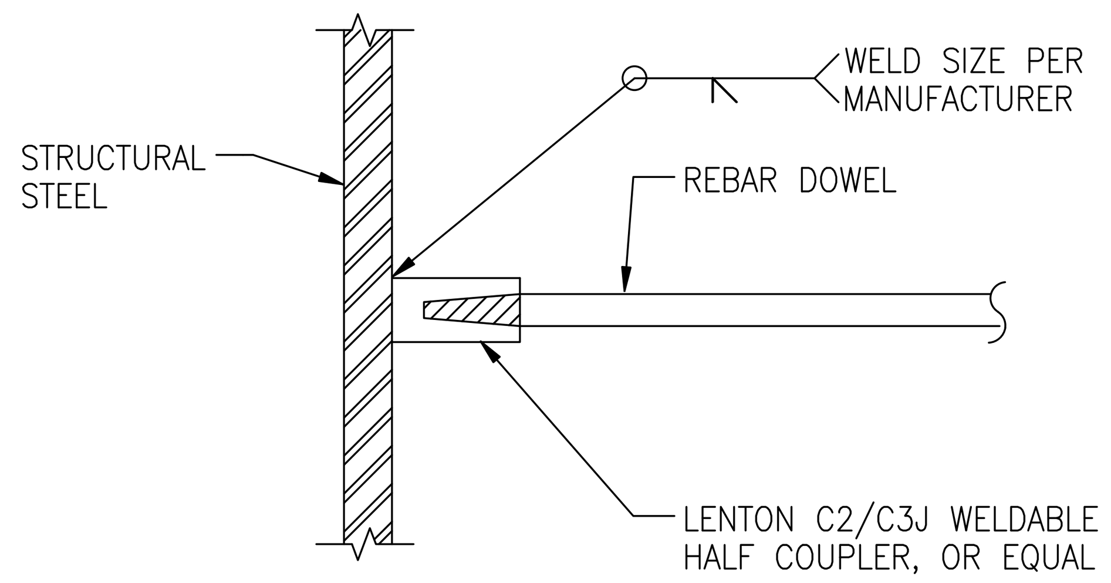
SCALE (H) 3 0 3 SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 182819
CADD FE	S3.0	SECTIONS	PMIS/PKG NO. 303051
TECH. REVIEW: FK		—	SHEET 103 OF 200
DATE: 7-15-22		—	

SAMO REBUILD PARAMOUNT RANCH
AGOURA HILLS, CALIFORNIA

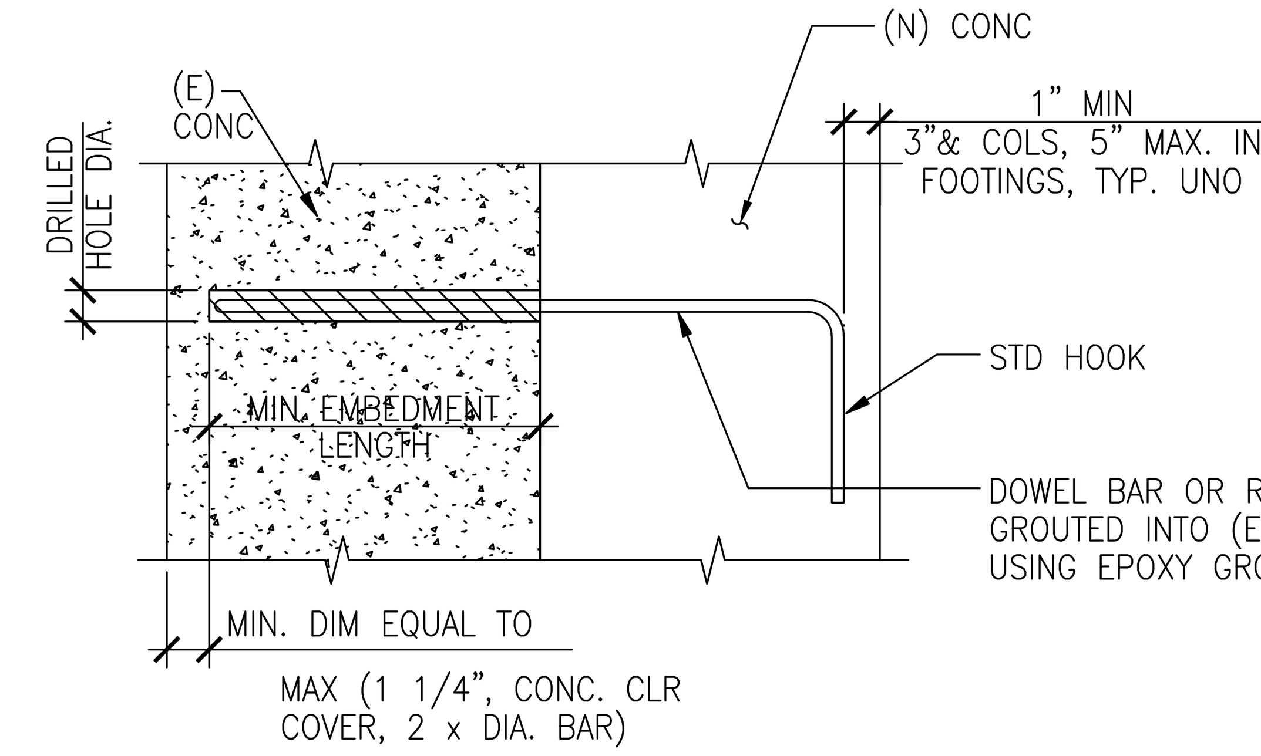
13 / S4.0 — TYPICAL WELDED DOWEL AT STRUCTURAL STEEL



SCALE: NO SCALE

10 / S4.0 — EPOXY GROUTED OR THREADED ROD SCHEDULE

DOWEL SIZE	THREADED ROD SIZE	DRILLED HOLE DIA (1)	MINIMUM EMBEDMENT LENGTH (2),(3)
#3	3/8"Ø	1/2" – 5/8"	4 1/2"
#4	1/2"Ø	5/8" – 3/4"	6"
#5	5/8"Ø	3/4" – 7/8"	7 1/2"
#6	3/4"Ø	7/8" – 1"	9"
#7	7/8"Ø	1" – 1 1/8"	10 1/2"
#8	1"Ø	1 1/8" – 1 1/4"	12"
#9	1 1/8"Ø	1 1/4" – 1 3/8"	15"



NOTES:

1. FOLLOW SPECIFIC MANUFACTURER GUIDELINES FOR DRILLED HOLE DIAMETER. HOLE SHALL BE DRILLED W/ CARBIDE TIPPED BIT.
2. EMBEDMENT LENGTHS SHOWN ON SPECIFIC DETAILS OVERRULE THIS SCHEDULE.
3. DOWEL EMBEDMENT INTO WALLS & SLABS SHALL NOT EXCEED THICKNESS (IN DIRECTION OF DRILLING) MINUS ONE INCH.
4. EMBEDMENT LENGTHS SHOWN ARE FOR CONCRETE WITH MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI.
5. PROVIDE NON-DESTRUCTIVE SURVEY TO LOCATE EXISTING REINFORCING BARS PRIOR TO INSTALLATION. ADJUST DOWEL LOCATIONS WHERE NECESSARY TO AVOID DAMAGE TO EXISTING REINFORCING BARS.
6. SCHEDULE DOES NOT APPLY TO DOWELS IN MASONRY.
7. SEE SPECIFICATIONS FOR EPOXY & SUBMIT EPOXY TECHNICAL INFORMATION TO STRUCTURAL ENGINEER FOR APPROVAL (DESIGN BASIS: SIMPSON SET-XP EPOXY).
8. DETAIL ALSO APPLIES TO STRAIGHT BARS AND THREADED RODS EPOXY GROUTED INTO (E) CONC.

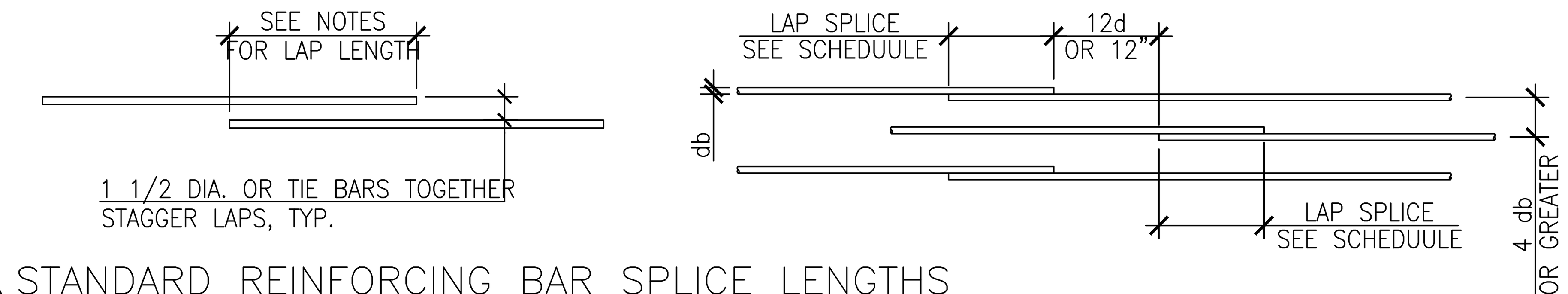
SCALE: NO SCALE

4 / S4.0 — STANDARD REINFORCING BAR SPLICE LENGTHS

BAR SIZE	f'c = 3000 psi CLASS "B" TOP BARS	CLASS "B" OTHER BARS	CLASS "A" TOP BARS	CLASS "A" OTHER BARS
#3	2'-4"	1'-10"	1'-10"	1'-5"
#4	3'-1"	2'-5"	2'-5"	1'-10"
#5	3'-11"	3'-0"	3'-0"	2'-4"
#6	4'-8"	3'-7"	3'-7"	2'-9"
#7	6'-9"	5'-3"	5'-3"	4'-0"
#8	7'-9"	6'-0"	6'-0"	4'-7"
#9	8'-9"	6'-9"	6'-9"	5'-2"
#10	9'-10"	7'-7"	7'-7"	5'-10"
#11	10'-11"	8'-5"	8'-5"	6'-6"

NOTES:

1. USE CLASS "B" LENGTHS FOR ALL SPLICES, U.O.N. ON DRAWINGS.
2. USE CLASS "A" LENGTHS FOR BAR EMBEDMENTS.
3. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE BARS.
4. WHERE CENTER TO CENTER SPACING OF BARS TO BE SPLICED ARE CLOSER THAN 3 BAR DIAMETERS (2 BAR DIAMETERS AT COLUMNS AND BEAMS), MULTIPLY TABULATED VALUES BY 1.5.
5. SMALLER BAR LAP LENGTH MAY BE USED WHEN SPLICING DIFFERENT SIZE BARS.

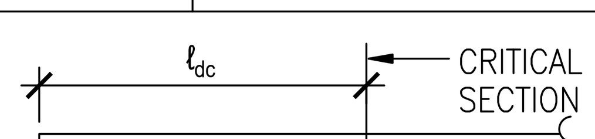


SCALE: NO SCALE

12 / S4.0 — COMPRESSION DEVELOPMENT LENGTHS

BAR \ f'c	3,000 PSI
#3	0' - 8"
#4	0' - 9"
#5	1' - 0"
#6	1' - 2"
#7	1' - 5"
#8	1' - 7"
#9	1' - 9"
#10	2' - 0"
#11	2' - 3"

COMPRESSION DEVELOPMENT LENGTHS, ℓ_{dc}



NOTES:

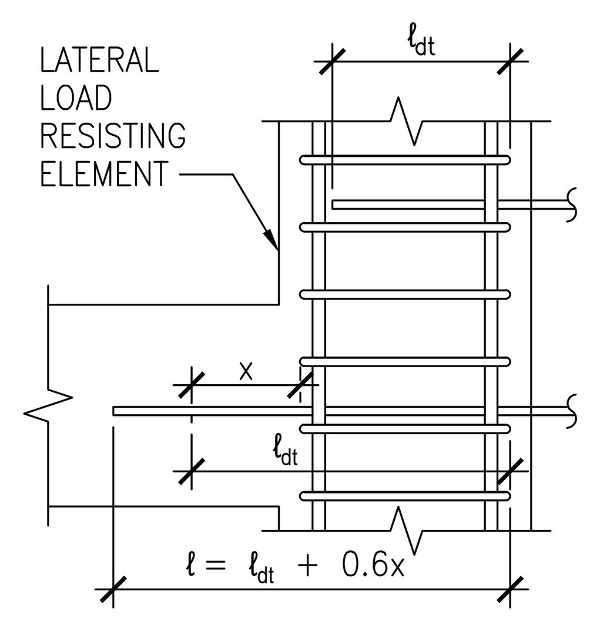
1. ALL DEVELOPMENT LENGTHS SHALL BE TENSION DEVELOPMENT LENGTHS UNLESS SPECIFICALLY DESIGNATED AS A COMPRESSION DEVELOPMENT LENGTH.
2. DEVELOPMENT LENGTH OF INDIVIDUAL BARSWITHIN A BUNDLE SHALL BE THAT FOR THE LARGEST INDIVIDUAL BAR, INCREASED BY 20% FOR 3 BARS AND 33% FOR FOUR BARS.

SCALE: NO SCALE

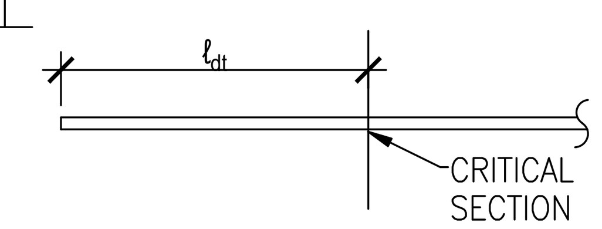
9 / S4.0 — TENSION DEVELOPMENT LENGTHS

TENSION DEVELOPMENT LENGTHS, ℓ_{dt}

BAR \ f'c	4000 psi	5000 psi	6000 psi
#3	1' - 3"	1' - 1"	1' - 0"
#4	1' - 7"	1' - 5"	1' - 4"
#5	2' - 0"	1' - 10"	1' - 8"
#6	2' - 5"	2' - 4"	2' - 0"
#7	3' - 6"	3' - 2"	2' - 10"
#8	4' - 0"	3' - 7"	3' - 3"
#9	4' - 6"	4' - 0"	3' - 8"
#10	5' - 1"	4' - 6"	4' - 2"
#11	5' - 7"	5' - 0"	4' - 7"



SECTION AT LATERAL LOAD RESISTING ELEMENT



TYPICAL SECTION

NOTES:

1. LENGTHS APPLY TO GRADE 60 REBAR IN NORMAL WEIGHT CONCRETE, FOR GRADE 75 REBAR MULTIPLY LENGTH BY 1.25.
2. FOR LIGHT WEIGHT CONCRETE MULTIPLY LENGTHS BY 1.3.
3. FOR WALL / SLAB BARS WITH CLEAR SPACING BETWEEN ADJACENT BARS (INCLUDE SPLICE BARS) LESS THAN 2 BAR DIAMETERS, MULTIPLY LENGTHS BY 1.5.
4. FOR TOP BARS DEFINED AS HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW MULTIPLY BY 1.3.
5. FOR EPOXY COATED BARS WITH COVER MORE THAN 3 BAR DIAMETERS OR CLEAR SPACING MORE THAN 6 BAR DIAMETERS MULTIPLY LENGTHS BY 1.2 FOR ALL OTHER CONDITIONS MULTIPLY LENGTHS BY 1.5.
6. THE PRODUCT OF THE FACTORS IN NOTES #4 AND #5 NEED NOT TO EXCEED 1.7.
7. FOR BEAM BARS DEVELOPED AS STRAIGHT BARS INTO SLABS, REQUIREMENTS OF NOTE 3 SHALL BE MET.
8. FOR LATERAL LOAD RESISTING ELEMENTS, CRITICAL SECTION SHALL BE TAKEN AS THE FACE OF TIE / HOOP AT CONFINED CORES OF MOMENT FRAME COLUMN JOINTS OR SHEAR WALL BOUNDARY ZONES.
9. WHERE A LONGITUDINAL BAR TERMINATES IN A MOMENT FRAME COLUMN JOINT OR SHEAR WALL BOUNDARY ZONE ANY PORTION OF THE DEVELOPMENT LENGTH THAT EXTENDS BEYOND THE CONFINED CORE OF THE MOMENT FRAME COLUMN OR SHEAR WALL BOUNDARY ZONE SHALL BE MULTIPLIED BY 1.6

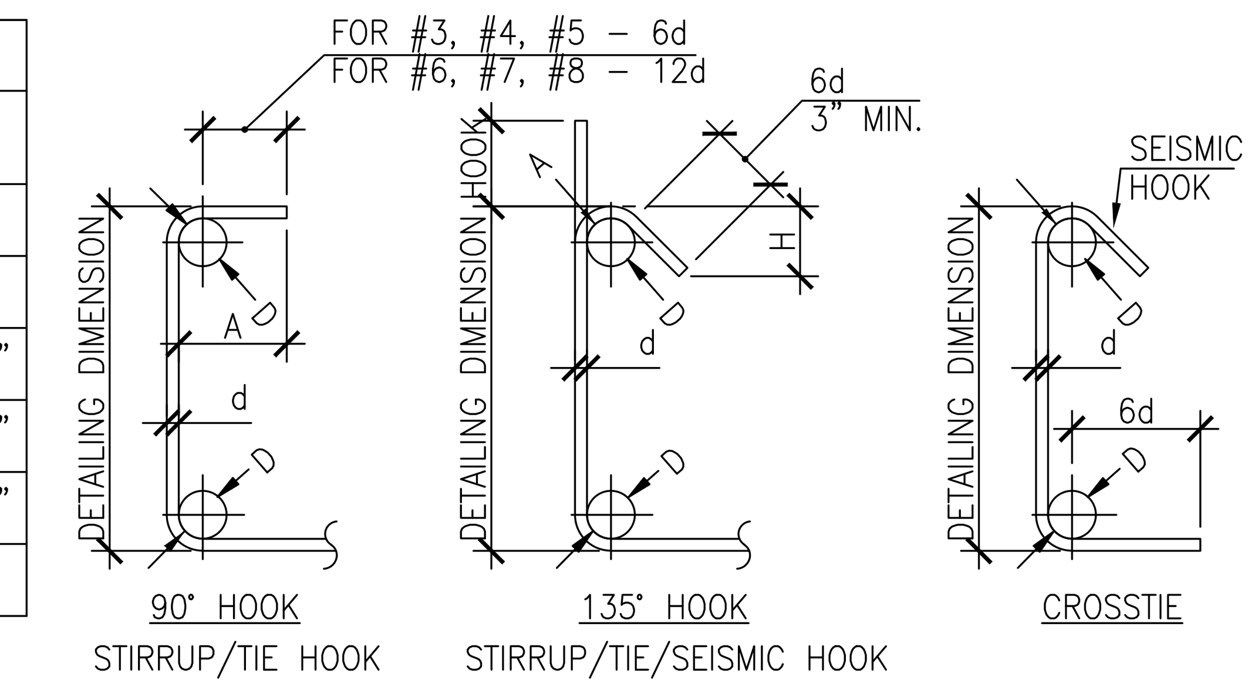
SCALE: NO SCALE

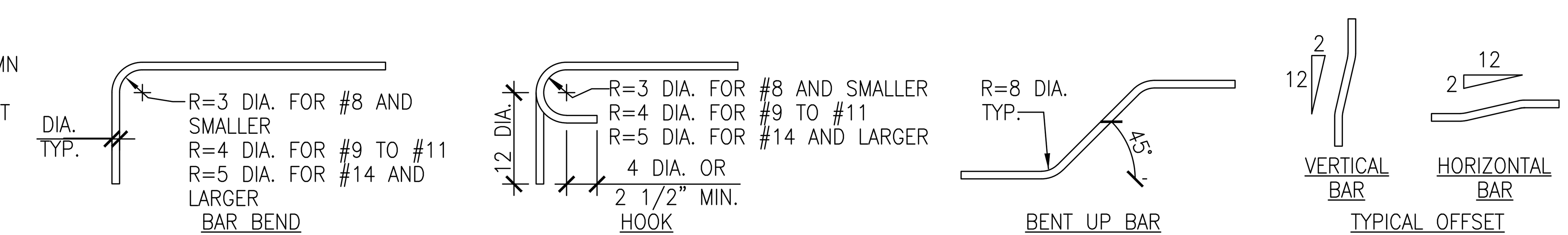
3 / S4.0 — TYPICAL BAR BENDING DETAILS

STIRRUP / TIE / SEISMIC HOOKS & BENDS

BAR	D	90° HOOK "A"	135° HOOK "A"	135° HOOK "H"
#3	0' – 1 1/2"	0' – 4"	0' – 4 1/4"	0' – 3"
#4	0' – 2"	0' – 4 1/2"	0' – 4 1/2"	0' – 3"
#5	0' – 2 1/2"	0' – 6"	0' – 5 1/2"	0' – 3 3/4"
#6	0' – 4 1/2"	1' – 0"	0' – 8"	0' – 4 1/2"
#7	0' – 5 1/4"	1' – 2"	0' – 9"	0' – 5 1/4"
#8	0' – 6"	1' – 4"	0' – 10 1/2"	0' – 6"

WHERE, H DIMENSION IS APPROXIMATE.
D = BEND DIAMETER.
d = BAR DIAMETER.



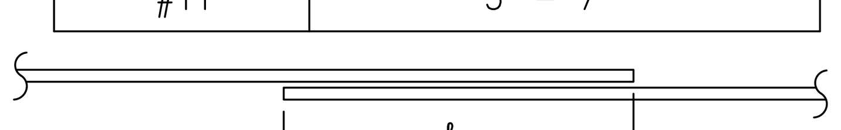


SCALE: NO SCALE

11 / S4.0 — COMPRESSION LAP SPLICE LENGTHS

COMPRESSION LAP SPLICE LENGTHS, ℓ_{sc}

BAR \ f'c	3,000 PSI TO 8,000 PSI
#3	1' – 0"
#4	1' – 3"
#5	1' – 7"
#6	1' – 11"
#7	2' – 3"
#8	2' – 6"
#9	2' – 10"
#10	3' – 2"
#11	3' – 7"



NOTES:

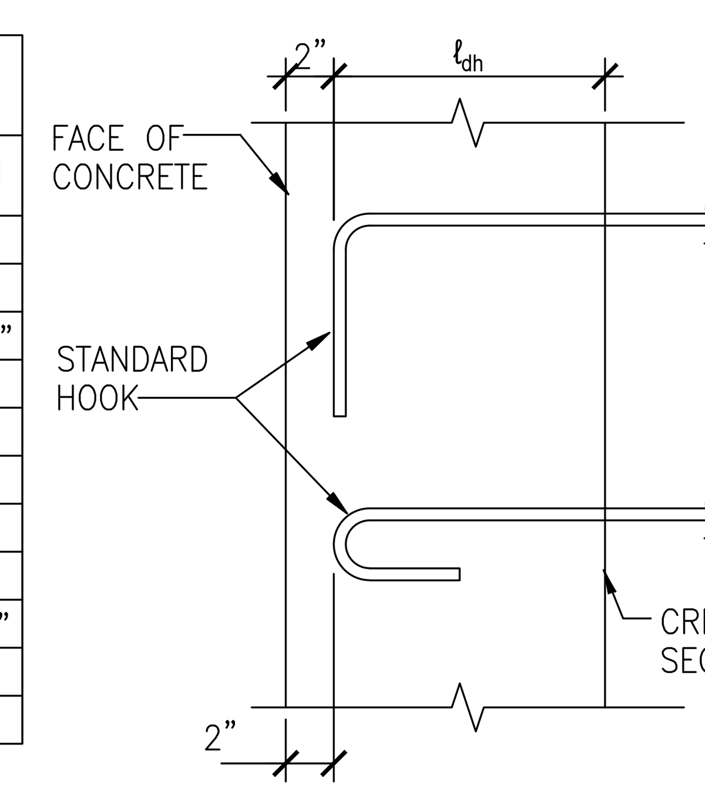
1. ALL LAP SPLICES SHALL BE A TENSION LAP SPLICE UNLESS SPECIFICALLY DESIGNATED AS A COMPRESSION LAP SPLICE.
2. WHEN BARS OF DIFFERENT SIZE ARE LAP SPLICED, SPLICE LENGTHS SHALL BE THE LARGER OF DEVELOPMENT LENGTH OF LARGER BAR OR SPLICE LENGTH OF SMALLER BAR. LAP SPLICES OR #14 BARS TO #11 AND SMALLER BARS ARE PERMITTED.
3. CONTACT LAP SPLICES SHALL BE USED IN ALL CASES UNLESS OTHERWISE NOTED.

SCALE: NO SCALE

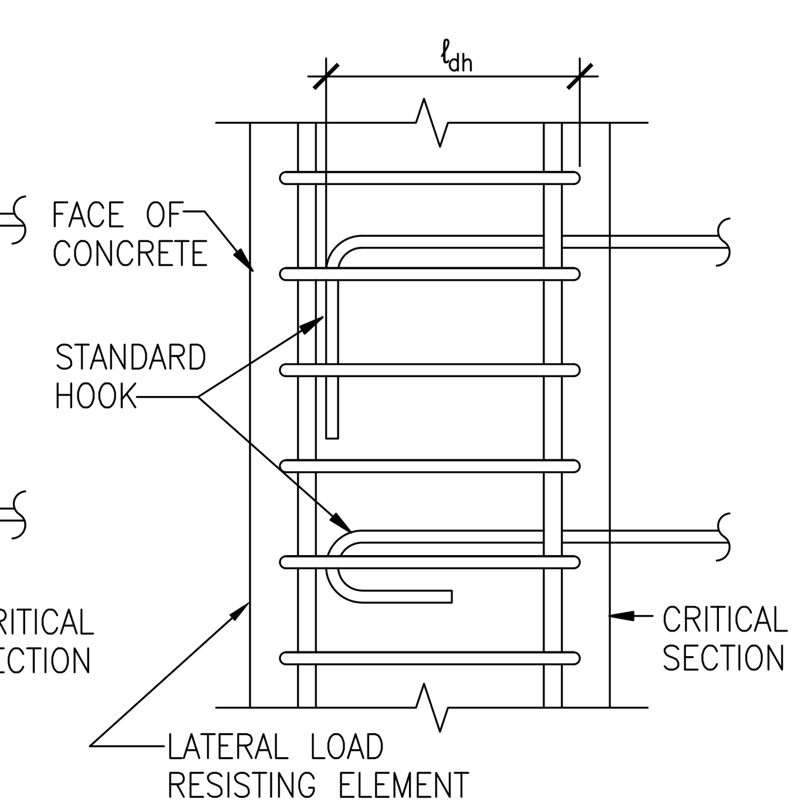
8 / S4.0 — HOOKED BAR DEVELOPMENT LENGTHS

HOOKED BAR DEVELOPMENT LENGTHS, ℓ_{dh}

BAR \ f'c	3,000 PSI	4,000 PSI	5000 PSI	6000 PSI
#3	0' – 9"	0' – 8"	0' – 7"	0' – 6"
#4	0' – 11"	0' – 10"	0' – 9"	0' – 8"
#5	1' – 2"	1' – 0"	0' – 11"	0' – 10"
#6	1' – 5"	1' – 3"	1' – 1"	1' – 0"
#7	1' – 8"	1' – 5"	1' – 3"	1' – 2"
#8	1' – 10"	1' – 7"	1' – 5"	1' – 4"
#9	2' – 1"	1' – 10"	1' – 8"	1' – 6"
#10	2' – 4"	2' – 1"	1' – 10"	1' – 8"
#11	2' – 7"	2' – 3"	2' – 0"	1' – 10"
#14	3' – 2"	–	–	–
#18	4' – 2"	–	–	–



TYPICAL SECTION



SECTION AT LATERAL LOAD RESISTING ELEMENT

NOTES:

1. LENGTHS APPLY TO GRADE 60 REBAR IN NORMAL WEIGHT CONCRETE.
2. FOR GRADE 75 REBAR, MULTIPLY LENGTHS BY 1.25.
3. FOR LIGHTWEIGHT AGGREGATE CONCRETE MULTIPLY BY 1.3.
4. FOR EPOXY COATED REINFORCEMENT MULTIPLY BY 1.2
5. FOR LATERAL LOAD RESISTING ELEMENTS, CRITICAL SECTIONS SHALL BE TAKEN AS THE FACE OF TIE / HOOP AT CONFINED CORES OF COLUMN JOINTS OR SHEAR WALL BOUNDARY ZONE

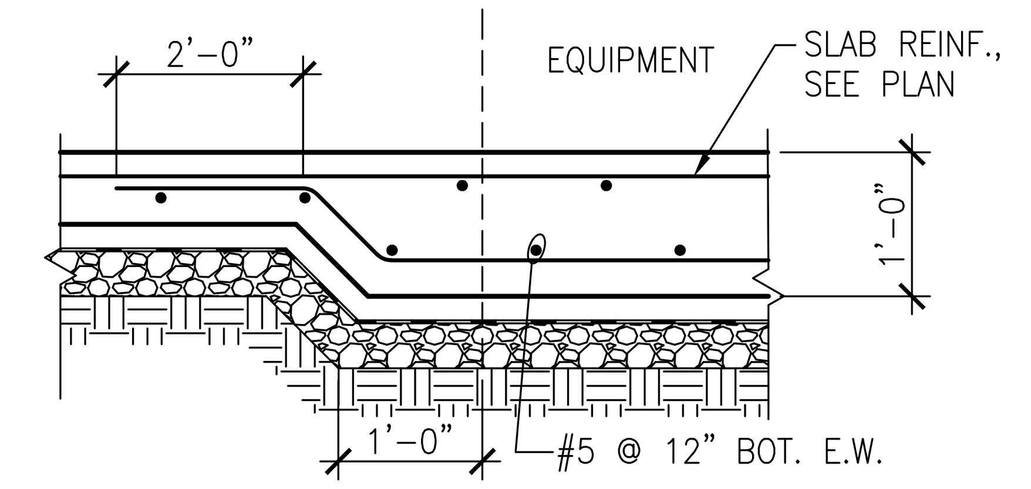
SCALE: NO SCALE

SCALE (K) 8 0 8 16 SCALE OF FEET

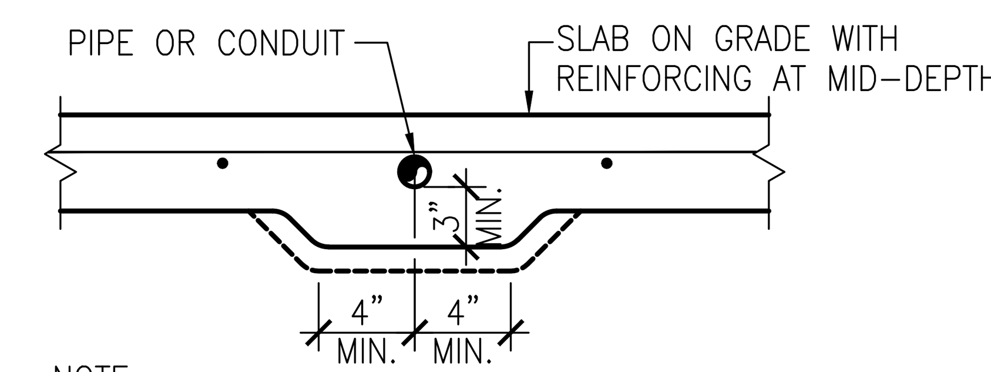
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 182819
CADD FE	S4.0	CONCRETE TYPICAL DETAILS – –	PMIS/PKG NO. 303051
TECH. REVIEW: FK			SHEET
DATE: 7-15-22		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	104 OF 200

N:\200203.00 SAMO Paramount Ranch\STRUC\S4.1 CONCRETE TYPICAL DETAILS.dwg @ 7/27/22 - 2:53pm



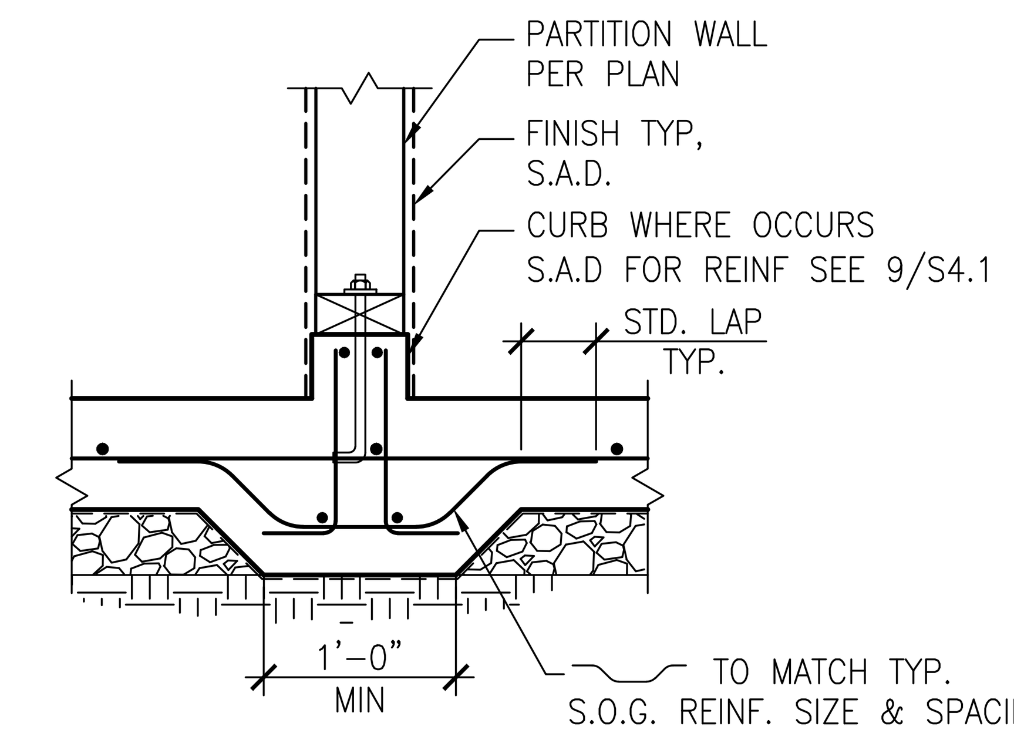
B. UNDER MECHANICAL EQUIPMENT



NOTE:
ALUMINUM PIPES, CONDUITS OR SLEEVES SHALL NOT BE EMBEDDED IN CONCRETE UNLESS APPROVED BY THE ENGINEER.

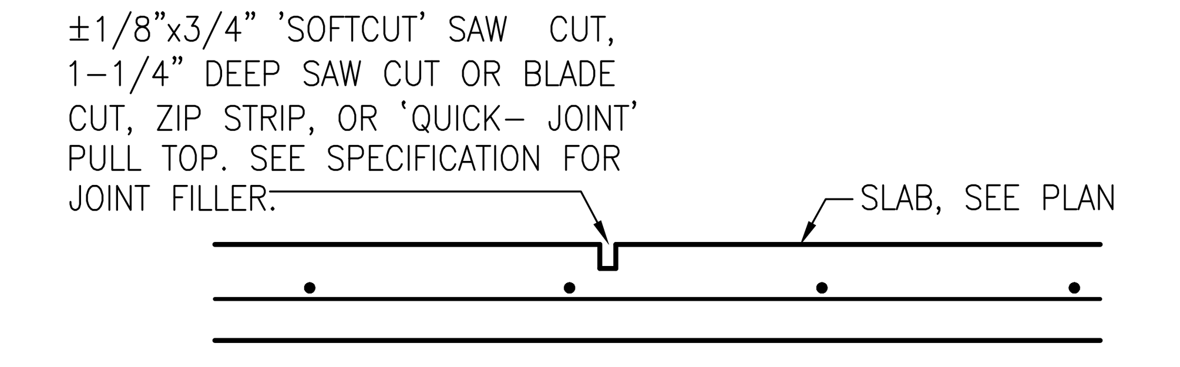
A. PIPE OR CONDUIT EMBED IN S.O.G.

7/S4.1 THICKENED SLAB DETAILS
SCALE: F

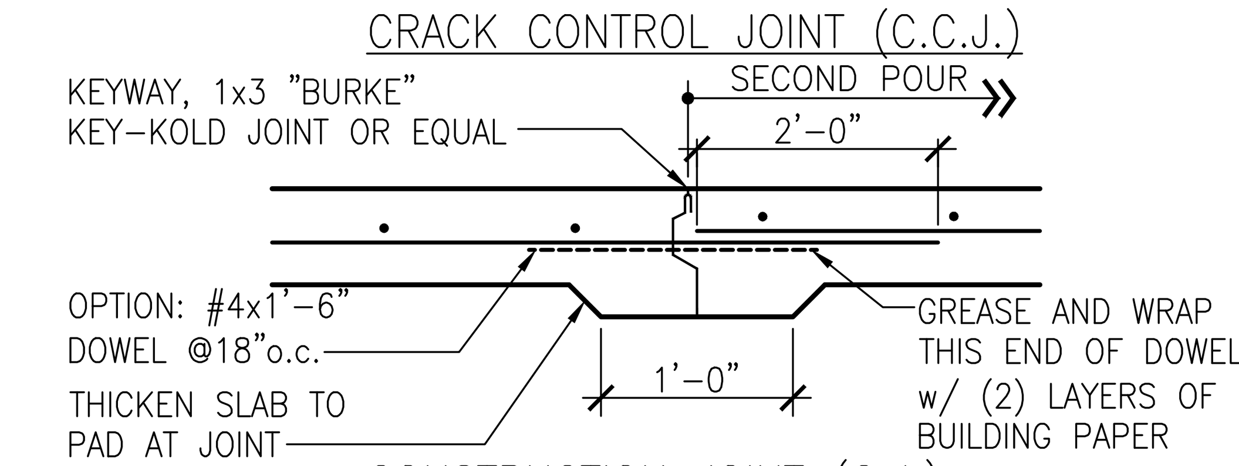


NOTE:
1. SUBGRADE SHALL BE PREPARED PER SOILS REPORT.
2. FOR INFO NOT SHOWN, SEE 1/S4.1.

4/S4.1 TYPICAL THICKENED SLAB AT INTERIOR PARTITIONS SUPPORTING CEILINGS
SCALE: E



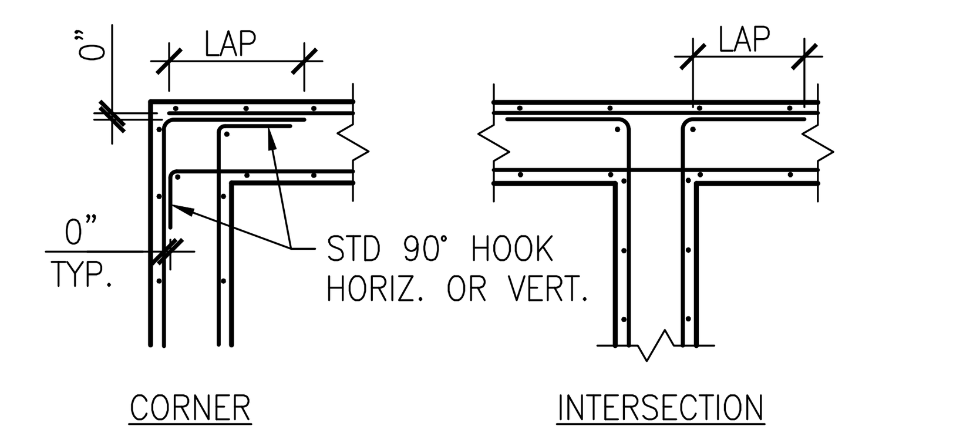
CRACK CONTROL JOINT (C.C.J.)



CONSTRUCTION JOINT (C.J.)

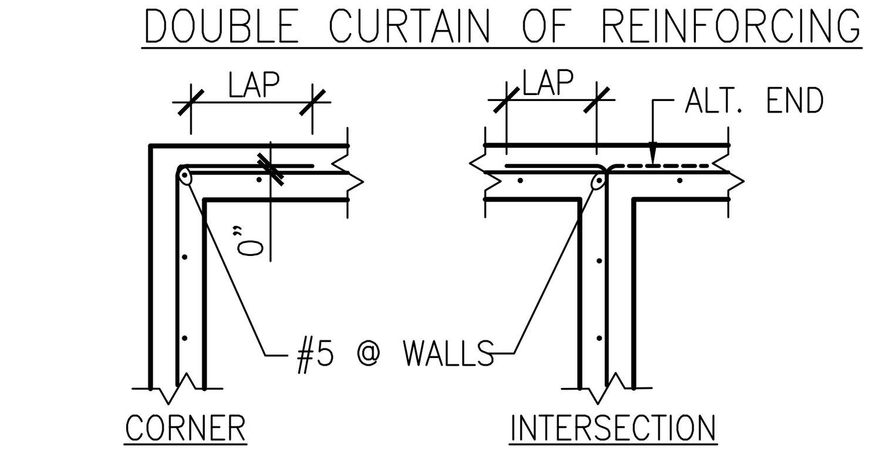
NOTE:
CRACK CONTROL JOINTS SHALL BE PLACED TO ENCLOSE APPROXIMATELY 400 SF. S.A.D. FOR LOCATION ON PLAN, MAXIMUM LENGTH TO WIDTH RATIO IS 1.5 : 1.0. CONVENTIONAL SAW CUTTING MUST TAKE PLACE WITHIN 12 HOURS MAXIMUM OF FINISHED SLAB, BUT NOT SO LONG THAT UNCONTROLLED CRACKS COULD OCCUR. CONTRACTOR SHALL BE RESPONSIBLE FOR APPROPRIATE CURING AND CONSIDERING FACTORS SUCH AS WIND AND TEMPERATURES AT TIME OF POUR.

2/S4.1 SLAB ON GRADE JOINTS
SCALE: E



PLACE VERTICAL REINFORCING OUTSIDE HORIZONTAL REINFORCEMENT UNLESS OTHERWISE NOTED

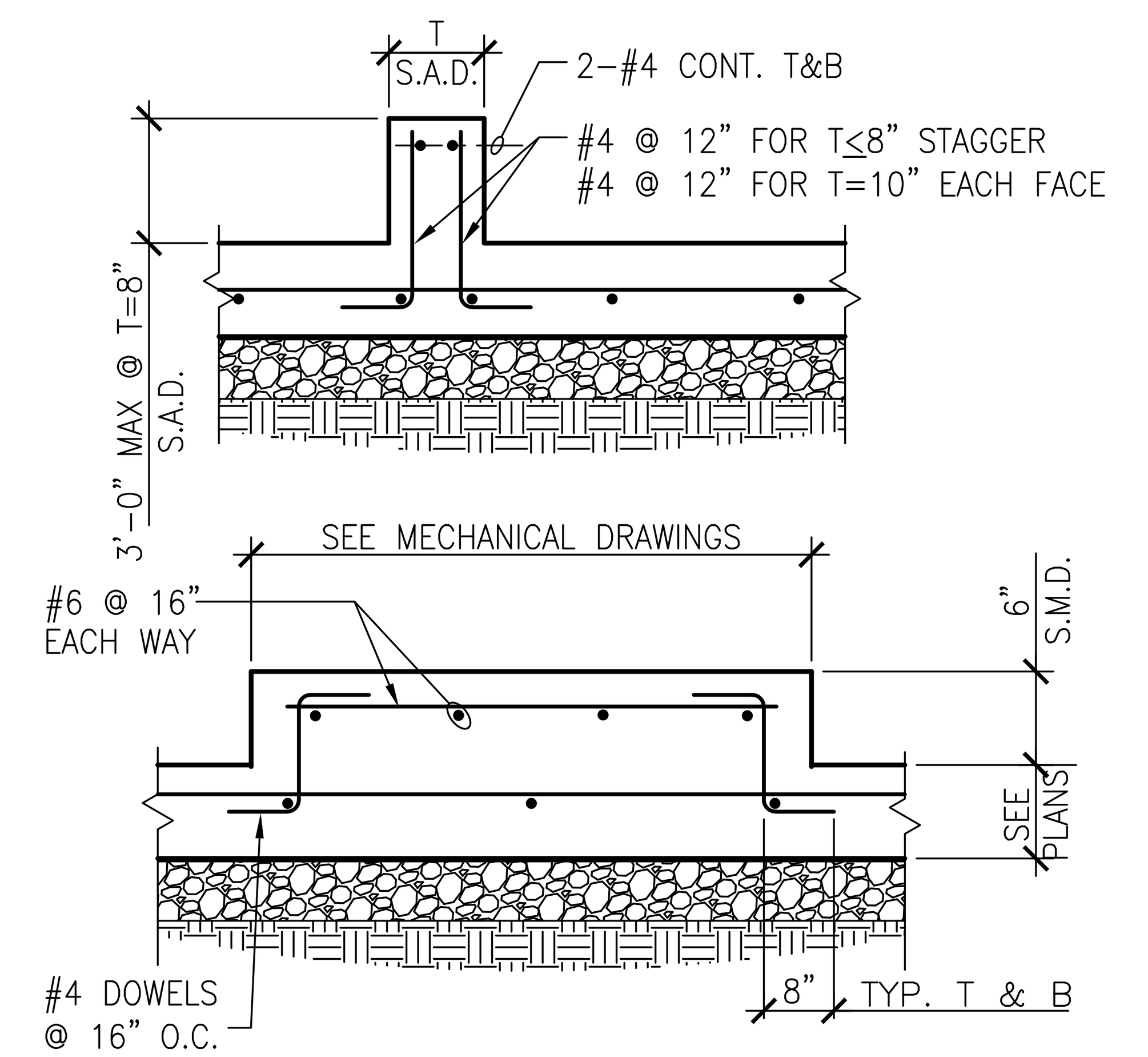
DOUBLE CURTAIN OF REINFORCING



PLACE VERTICAL REINFORCING IN CENTER OF WALL UNLESS OTHERWISE NOTED

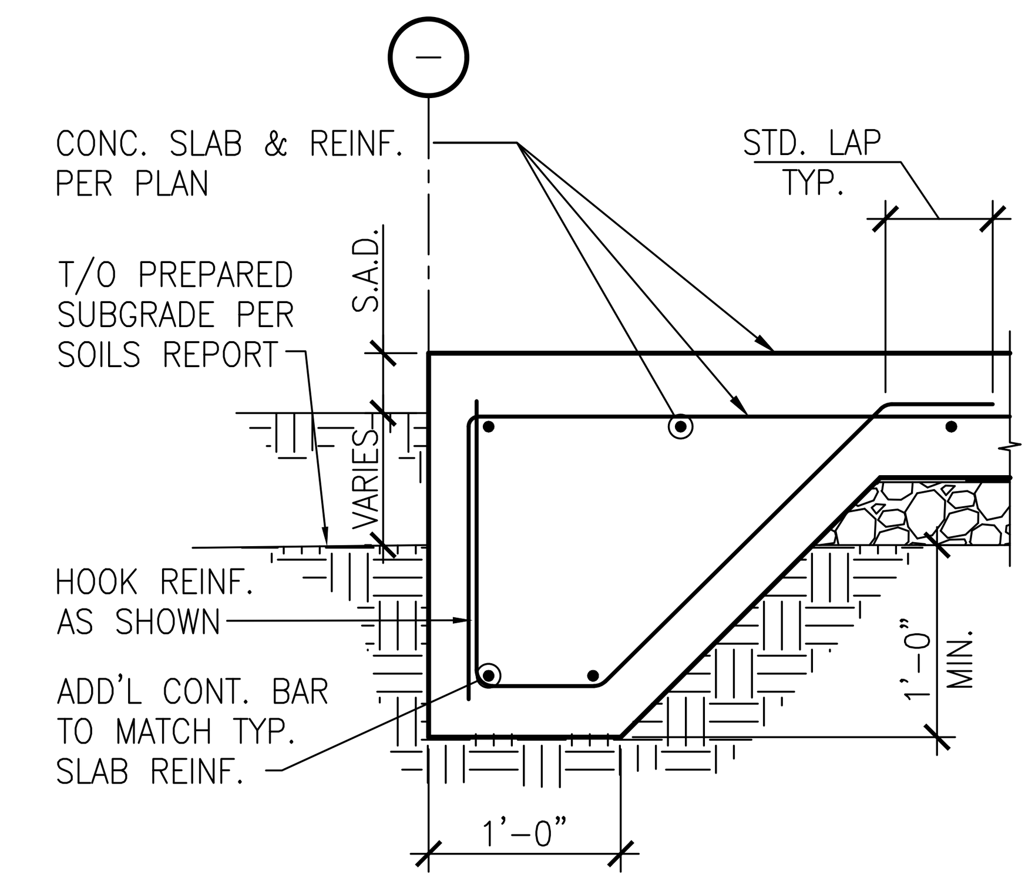
SINGLE CURTAIN OF REINFORCING

12/S4.1 CONCRETE REINFORCING AT CORNERS & INTERSECTIONS
SCALE: F



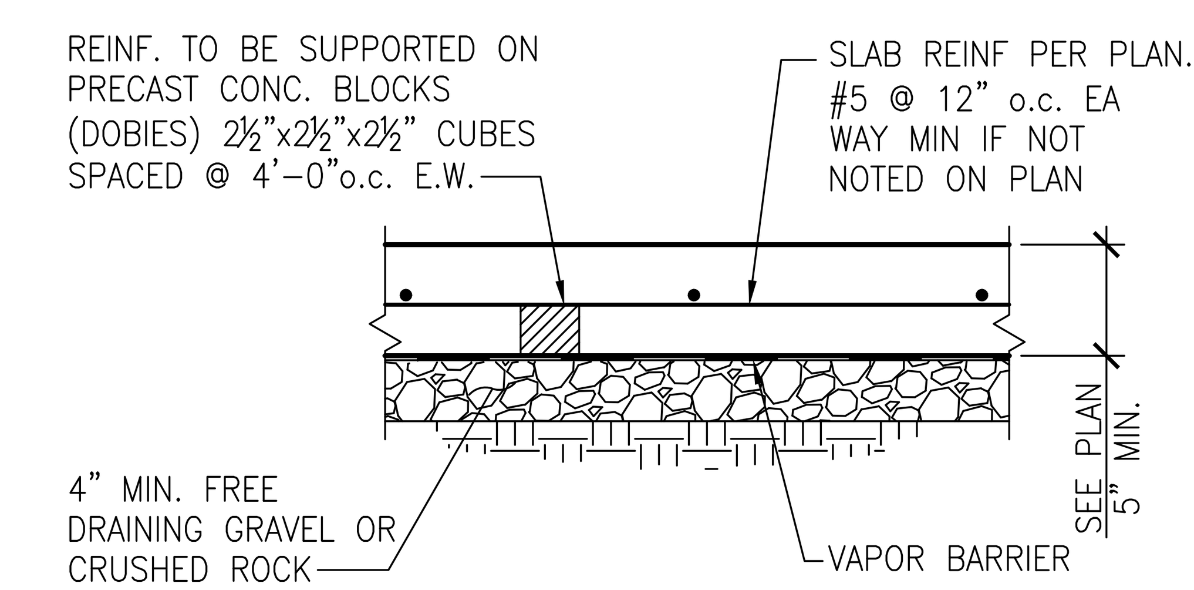
NOTE: CONTRACTOR SHALL VERIFY ACTUAL SIZE OF UNIT W/ MECH'L ENGINEER

9/S4.1 CURB AND EQUIPMENT PAD
SCALE: E



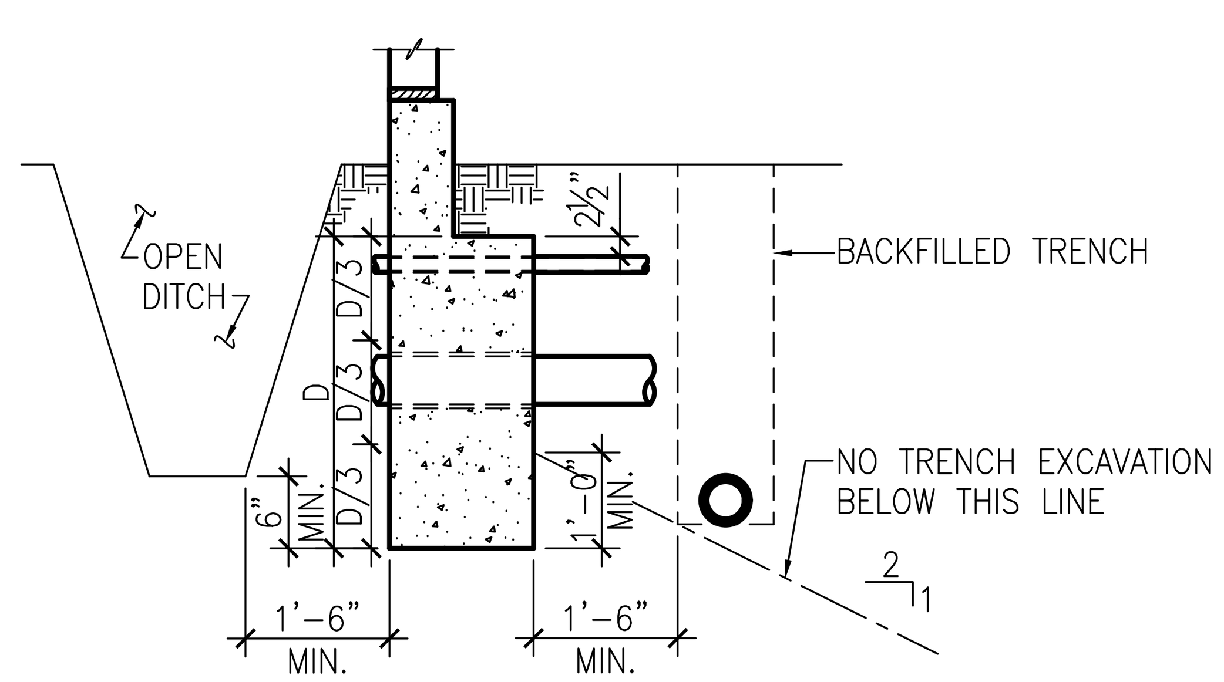
NOTE:
1. SUBGRADE SHALL BE PREPARED PER SOILS REPORT.
2. FOR INFO NOT SHOWN, SEE 1/S4.1.

3/S4.1 TYPICAL THICKENED EDGE SLAB
SCALE: E



NOTE:
1. SUBGRADE SHALL BE PREPARED PER SOILS REPORT.
2. FOR JOINTS IN S.O.G., SEE 2/S4.1.

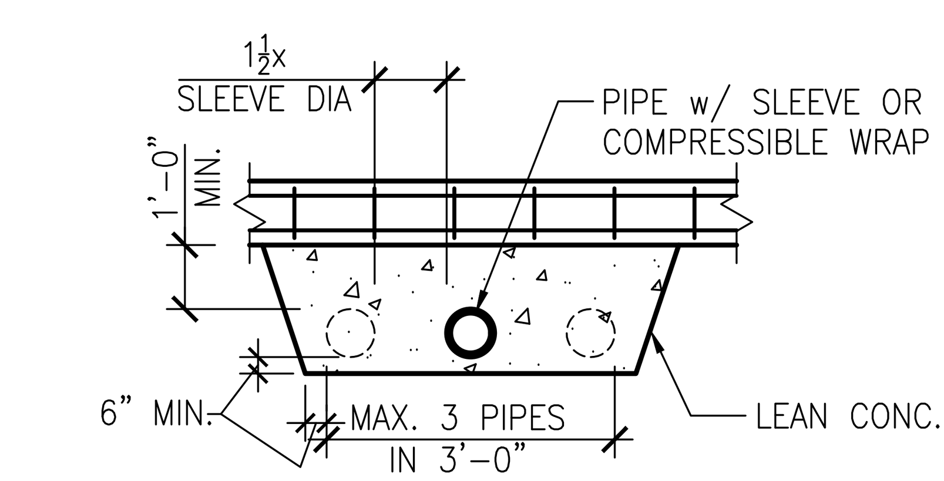
1/S4.1 TYPICAL SLAB ON GRADE
SCALE: E



NOTES:

1. PIPES OR SLEEVES LESS THAN 2" DIAMETER MAY PASS THRU UPPER 2/3 OF FOOTING AND BE SPACED NOT LESS THAN 6" o.c.
2. PIPES OR SLEEVES GREATER THAN 2" DIAMETER SHALL PASS THRU MIDDLE 1/3 OF FOOTING OR BE PLACED UNDER FOOTING PER NOTE 3. WRAP OR SLEEVE PIPES TO PROVIDE 1" CLEARANCE TO CONCRETE ALL AROUND.
3. WHERE PIPES CROSS UNDER, AND ARE NOT MORE THAN THREE FEET BELOW NORMAL BOTTOM OF FOOTING, EXCAVATE AT LEAST 6" UNDER AND 18" WIDER THAN PIPE AND FILL WITH LEAN CONCRETE.

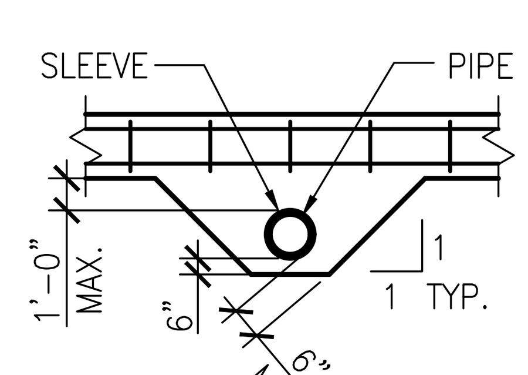
11/S4.1 FOOTING TO PIPES & DITCHES
SCALE: G



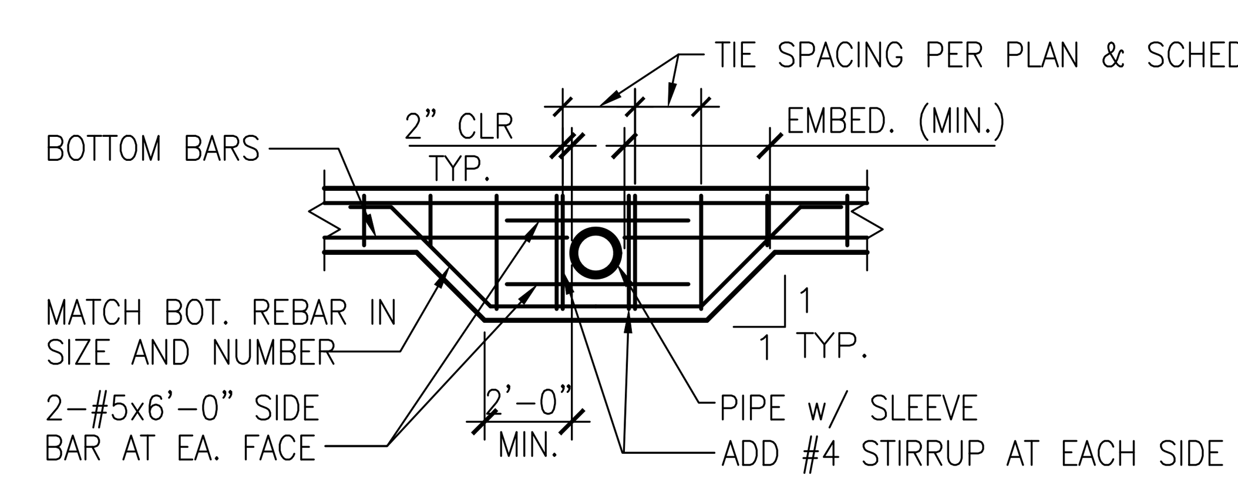
CLOSE TO BOTTOM

NOTES:

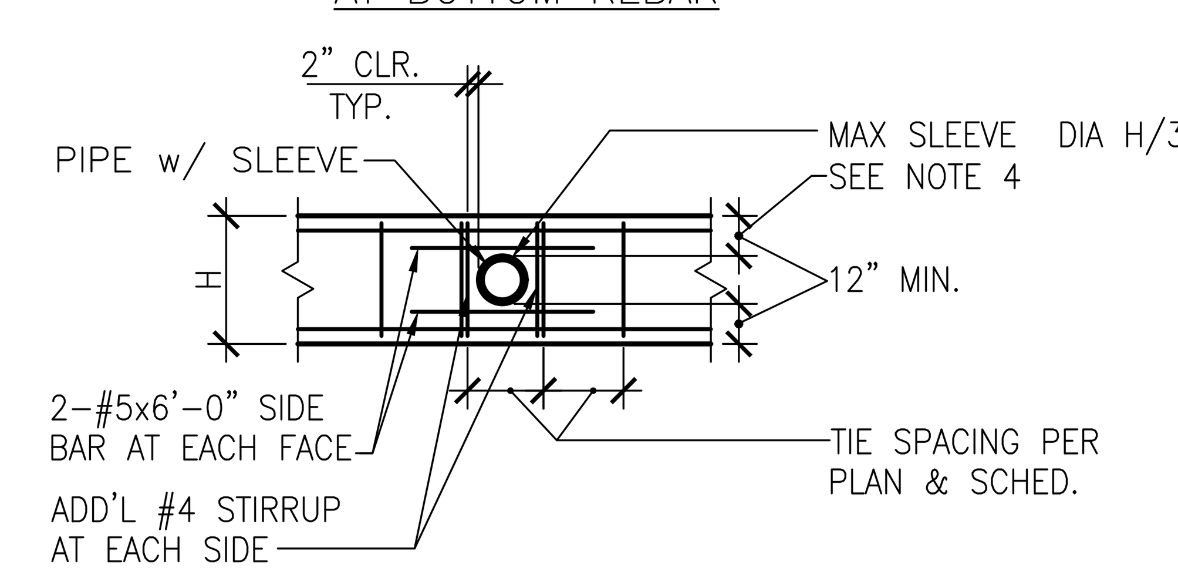
1. SLEEVE I.D. 2" LARGER THAN PIPE O.D. OR BELL O.D. TYP., 4" LARGER AT FIRE LINE ONLY.
2. SEAL VOID BETWEEN PIPE AND SLEEVE w/ ELASTIC WATERPROOF MATERIAL.
3. TIE SPACING SHALL NOT BE INCREASED FOR PIPE PENETRATION.



BELOW BOTTOM



AT BOTTOM REBAR



CLEAR OF TOP & BOTTOM REBAR

8/S4.1 PIPE PERPENDICULAR TO FOOTING
SCALE: E

SCALE G: 2 0 2 4 SCALE OF FEET

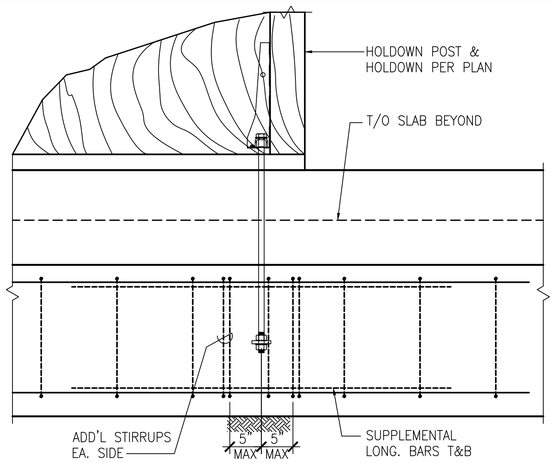
SCALE F: 1 0 1 2 3 SCALE OF FEET

SCALE E: 1 0 1 2 SCALE OF FEET

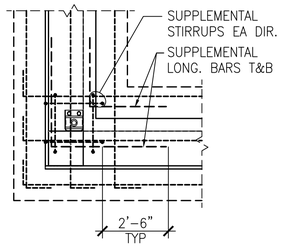
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 182819
CADD FE	S4.1	CONCRETE TYPICAL DETAILS	PMIS/PKG NO. 303051
TECH. REVIEW: FK		-	SHEET
DATE: 7-15-22		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	105 OF 200

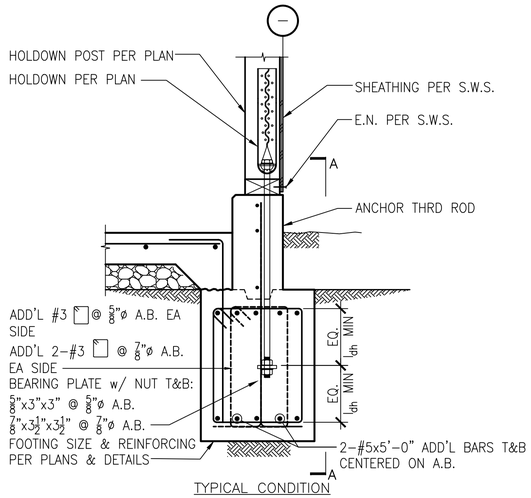
REGISTERED PROFESSIONAL ENGINEER No. S3323 Exp. 06/30/24 STRUCTURAL STATE OF CALIFORNIA



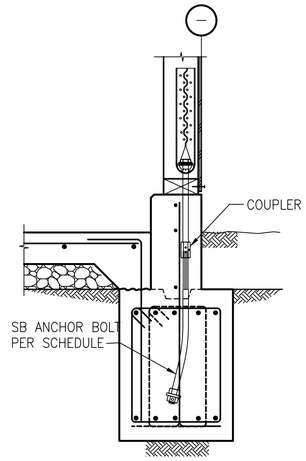
TYPICAL SUPPLEMENTAL REINFORCING POSITION



SUPPLEMENTAL REINFORCING @ CORNER



TYPICAL CONDITION



OPTION USING SB A.B.

6 S4.2 HOLDOWN AT NEW FOUNDATION

SCALE: (E)

HOLDOWN SCHEDULE						
HOLDOWN HARDWARE	ANCHOR DIA. (IN)	ANCHOR MIN. EMBEDMENT IN (N) CONCRETE		EMBEDMENT IN (E) CONCRETE	MIN. POST SIZE	UPLIFT CAPACITY (#)
		THRD ROD	SB/SSTB			
HDU2	5/8	10"	SB 5/8x24	10"	3"	3,075
HDU4	5/8	12"	SB 5/8x24	12"	3"	4,565
HDU5	5/8	15"	SB 5/8x24	14"	3 1/2"	5,645
HDU8	7/8	18"	SB 7/8x24	N/A	4 1/2"	7,870

NOTES:

1. INSTALL ALL HOLDOWN HARDWARE PER MANUFACTURER'S INSTRUCTIONS. MINIMUM EMBEDMENT FOR SB & SSTB BOLTS SHALL BE PER THE MANUFACTURER.
2. ONLY FULL-HEIGHT (TOP TO BOTTOM PLATE) POSTS SHALL BE USED FOR HOLDOWN CONNECTIONS.
3. PROVIDE SHEARWALL END NAILING (AS NOTED IN THE S.W.S.) TO ALL POSTS WITH HOLDOWNS AT THE TOP OR BOTTOM OF POST.
4. HOLDOWNS SHALL BE INSTALLED DIRECTLY ON TOP OF SILL PLATES U.O.N.
5. USE COMMON WIRE GAGE NAILS FOR ALL NAILED HOLDOWN CONNECTIONS.
6. AT UPPER FLOOR HOLDOWNS, PROVIDE SAME THICKNESS BLOCKING DIRECTION BELOW HOLDOWN POST IN JOIST SPACE. AT RAISED FLOOR CONDITIONS, POST BELOW SHALL MATCH POST ABOVE UNLESS INDICATED ON THE PLAN.
7. WHERE HOLDOWNS ARE CALLED OUT ON UPPER FLOORS, THEY SHALL BE CARRIED DOWN TO FOUNDATION WITH MATCHING HOLDOWN (OR ONE WITH GREATER CAPACITY) UNLESS A DIFFERENT HOLDOWN IS SPECIFIED ON PLAN.
8. HOLDOWN ANCHORS SHALL BE RE-TIGHTENED JUST PRIOR TO COVERING THE WALL FRAMING. BOLT NUT SHOULD BE FINGER-TIGHT PLUS 1/3 TO 1/2 TURN WITH A HAND WRENCH. DO NOT OVER-TORQUE THE NUT.
9. WHERE HOLDOWNS ARE CONNECTED TO A WOOD MEMBER BELOW, A 3" SQUARE 'BP' BEARING PLATE SHALL BE APPLIED TO THE BOTTOM OF THE MEMBER. NUT AND PLATE MAY BE COUNTERSUNK 1" MAX.
10. WHERE HOLDOWNS ARE CONNECTED TO A STEEL MEMBER BELOW, THREADED ROD ANCHOR SHALL BE WELDED TO STEEL MEMBER WITH A 1/4" FILLET WELD ALL AROUND OR FULL PEN GROVE BEVEL.
11. HOLDOWNS SHALL BE INSTALLED DIRECTLY ON TOP OF SILL PLATES U.O.N.
12. MINIMUM EMBEDMENT INTO (N) CONCRETE MAY BE LESS WHERE EXPLICITLY DETAILED AND SUPPLEMENTAL REINFORCEMENT PROVIDED. MINIMUM EMBEDMENT SHALL BE PER DETAIL BUT NOT LESS THAN SUPPLEMENTAL REINFORCEMENT l_{dh}.

NOTES FOR PLACEMENT OF HOLDOWNS IN EXISTING CONCRETE CONDITION (PULL TEST REQUIRED):

1. FOR INSTALLATION INTO EXISTING CONCRETE, USE THREADED ROD AND REFER TO EPOXY SECITON OF GENERAL NOTES.
2. THE HOLE DIAMETER FOR THE ANCHOR SHALL BE DRILLED 1/8" OVERSIZED.
3. TEST 100% OF ALL EPOXIED HOLDOWNS TO 2.0 TIMES THE UPLIFT CAPACITY IN THE TABLE UNLESS OTHERWISE SPECIFIED ON PLANS.

1 S4.2 HOLDOWN SCHEDULE

SCALE: (O) NO SCALE

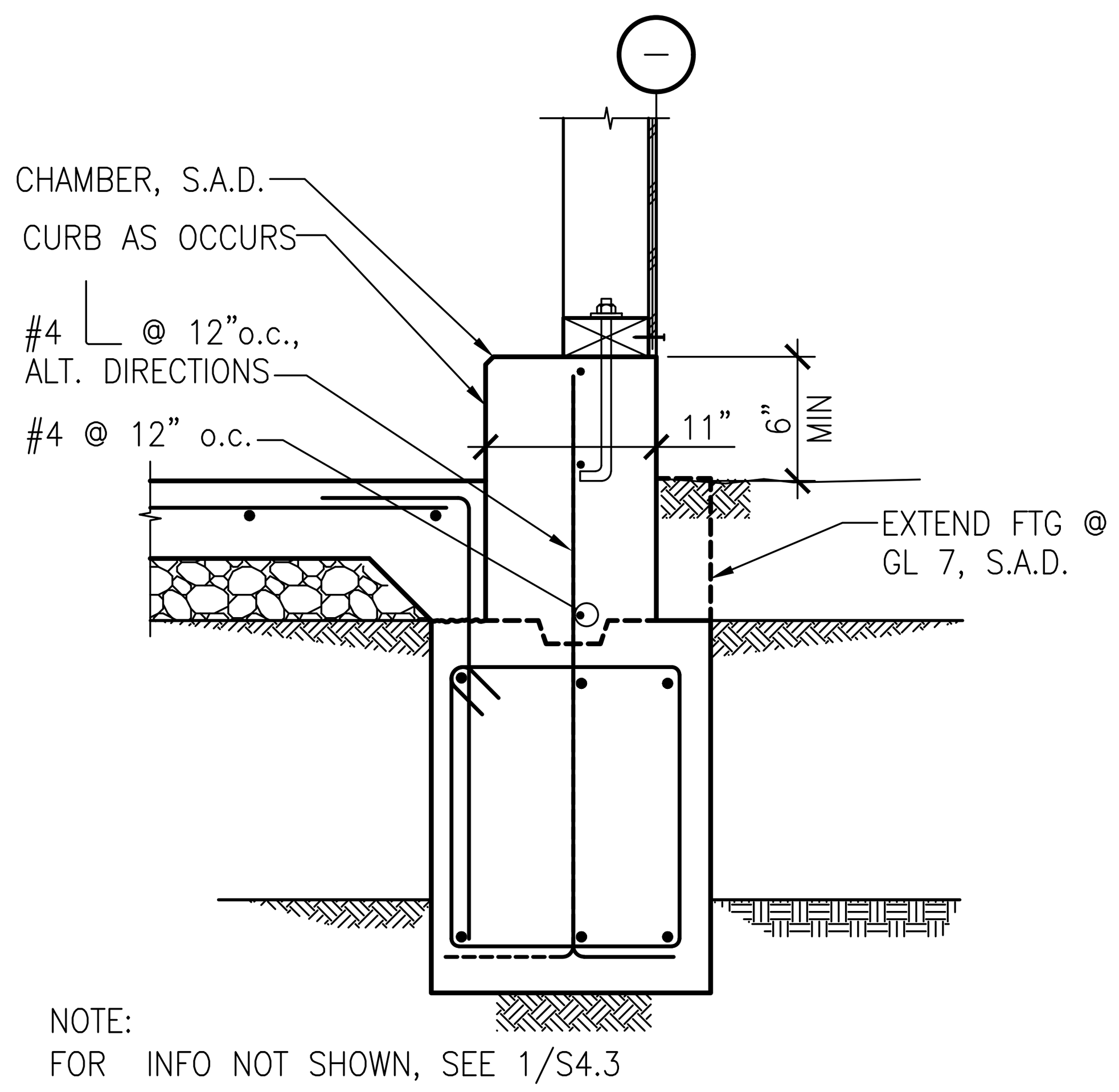
SCALE (F) 1 0 1 2 3 SCALE OF FEET

SCALE (E) 1 0 1 2 SCALE OF FEET

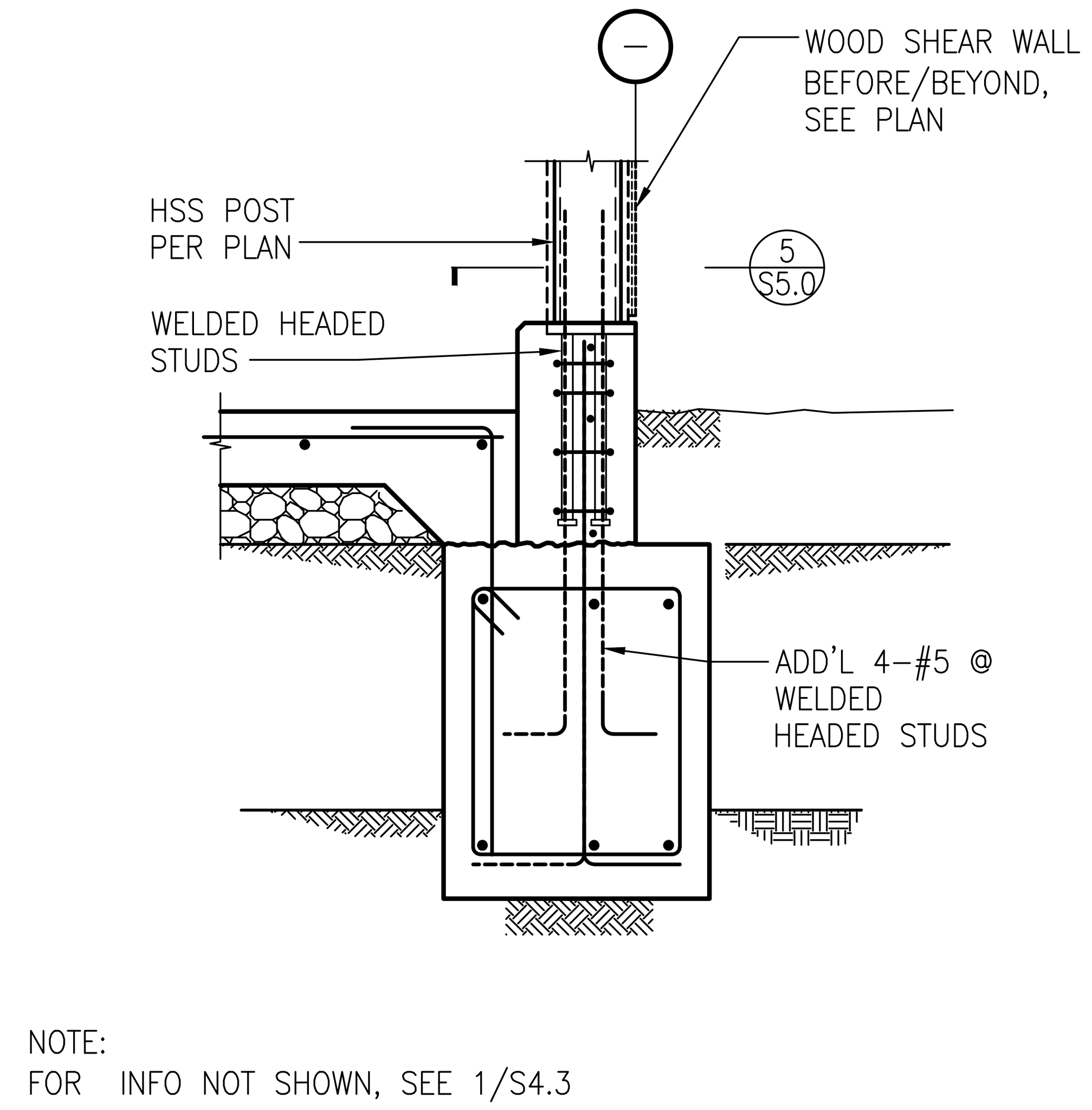
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
SI	S4.2	CONCRETE TYPICAL DETAILS	638 182819
DRAWN: FE			PMIS/PKG NO. 303051
TECH. REVIEW: FK		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 106 OF 200
DATE: 7-15-22			

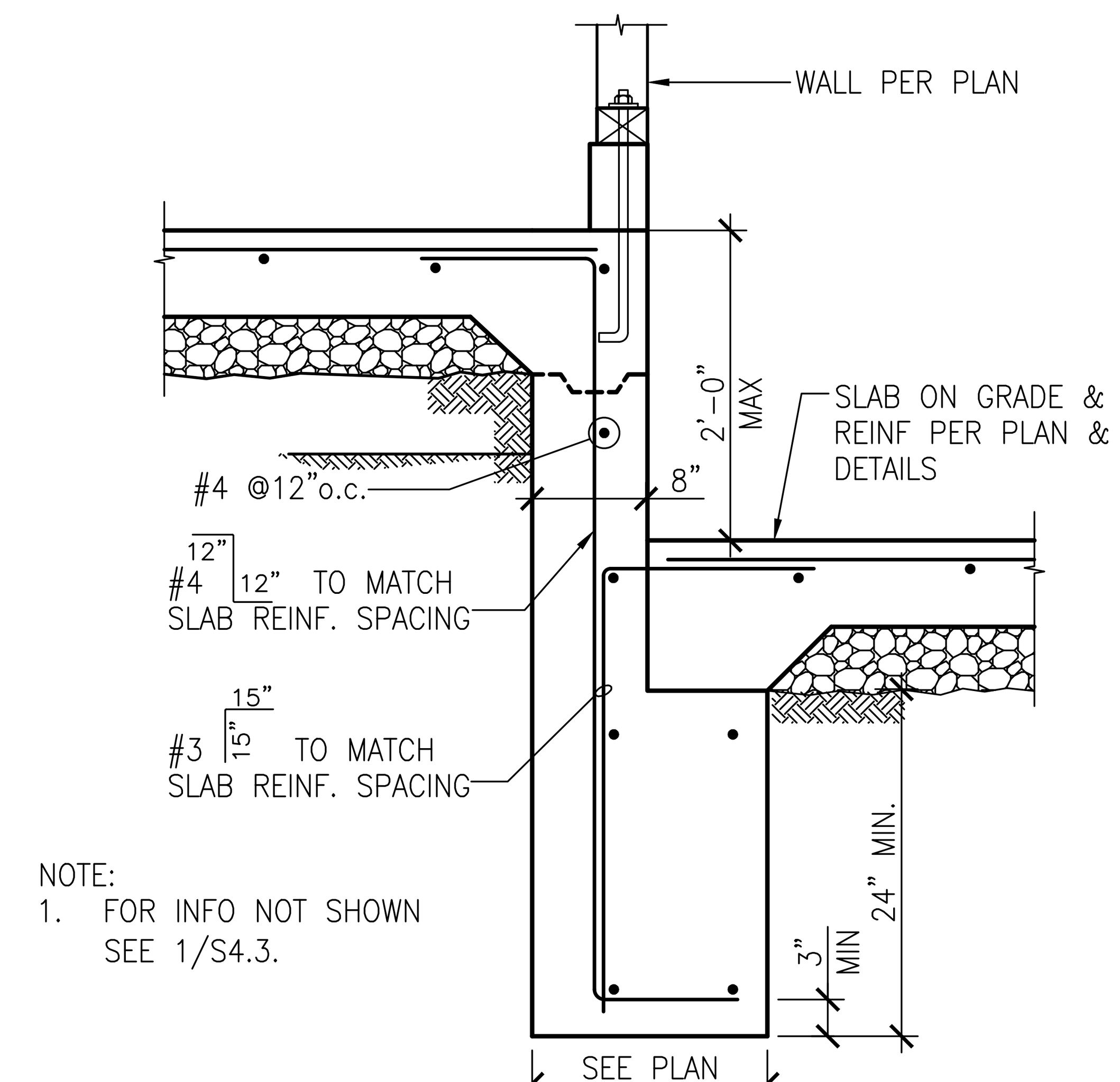
N:\200203.00 SAMO Paramount Ranch\STRUC\S4.2 CONCRETE TYPICAL DETAILS.dwg @ 7/27/22 - 2:53pm



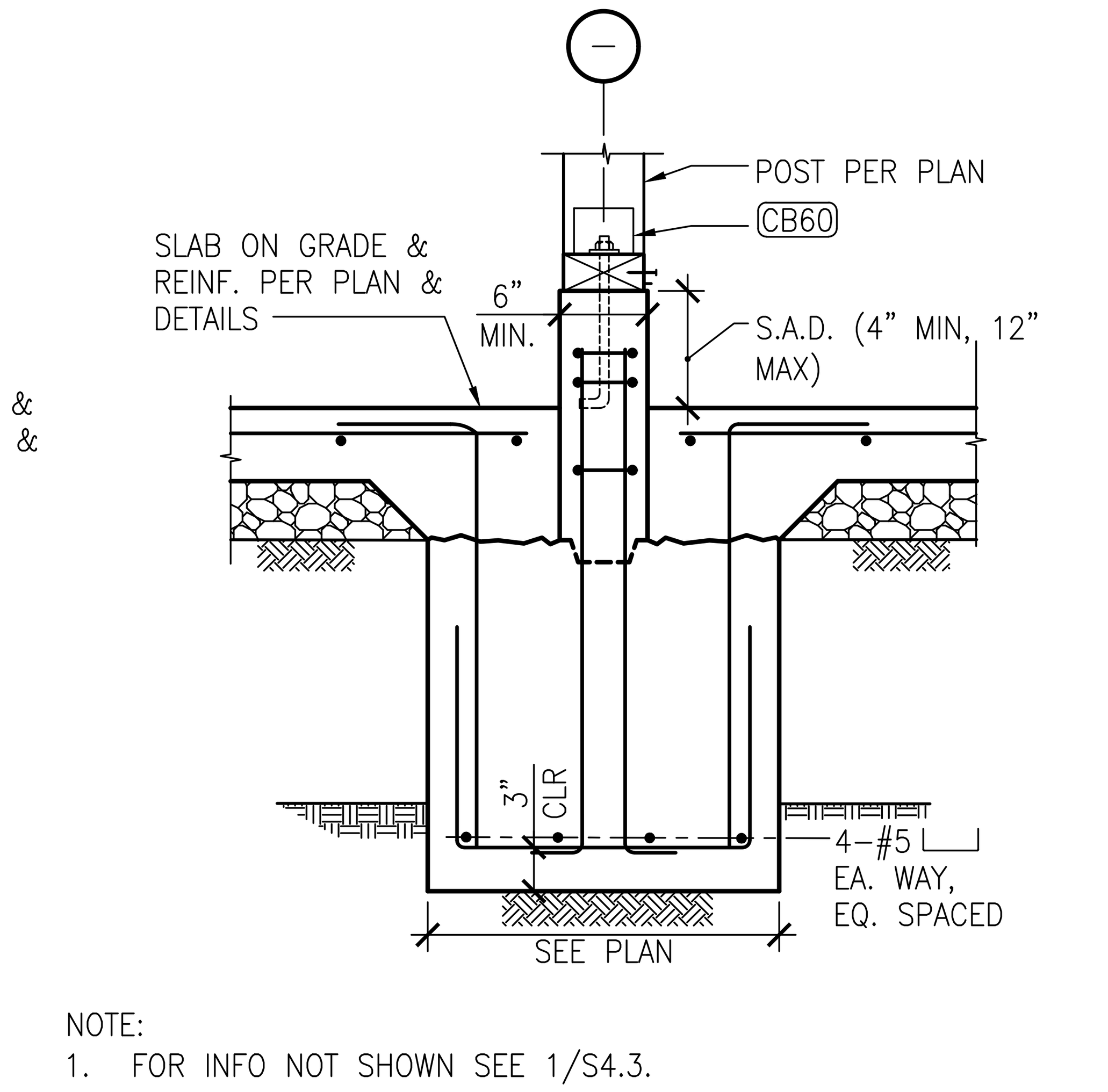
13/S4.3 SMALL EVENT – TYPICAL EXTERIOR FOOTING
SCALE: E



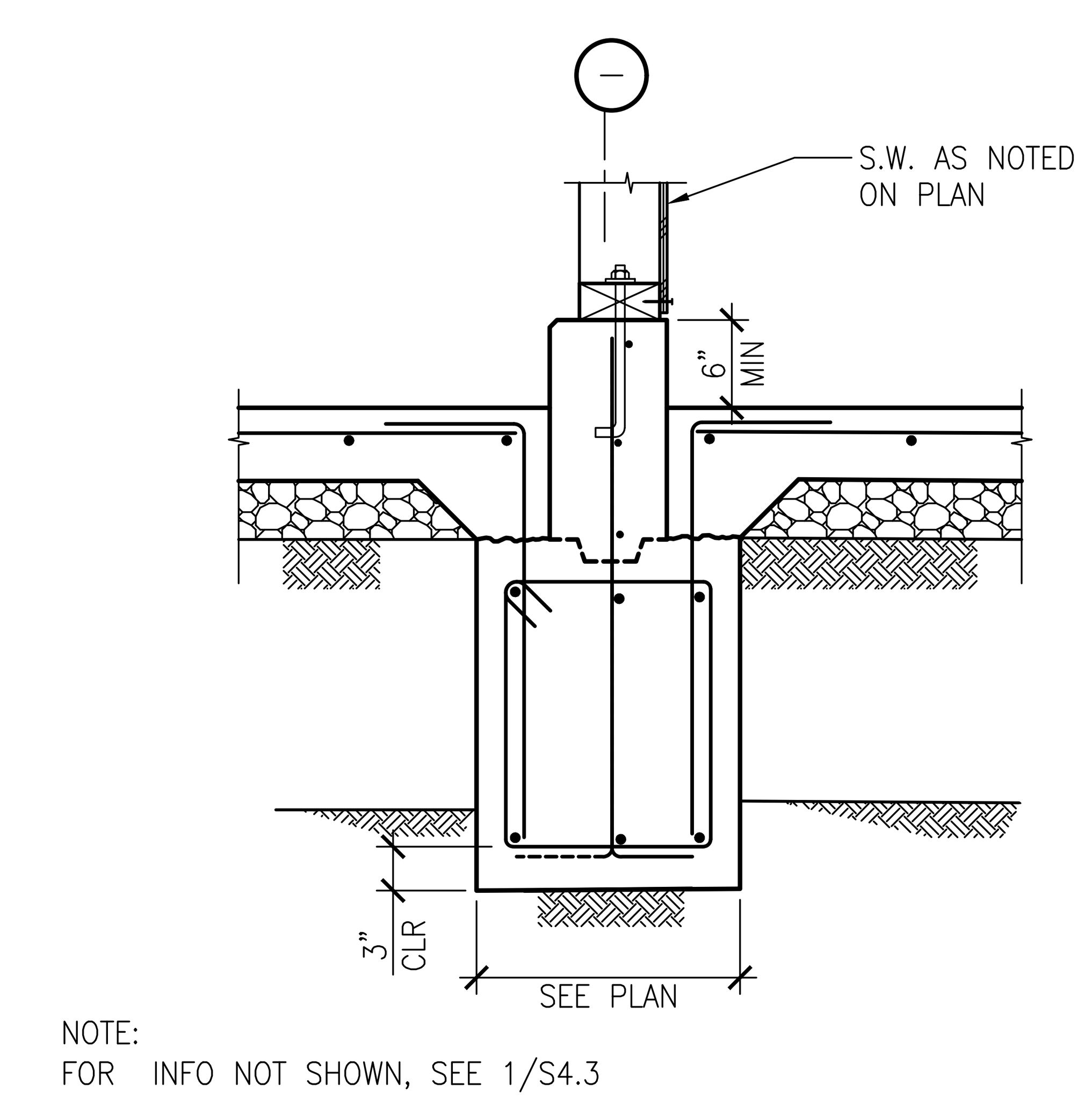
10/S4.3 TYPICAL HSS POST @ EXT FOOTING
SCALE: E



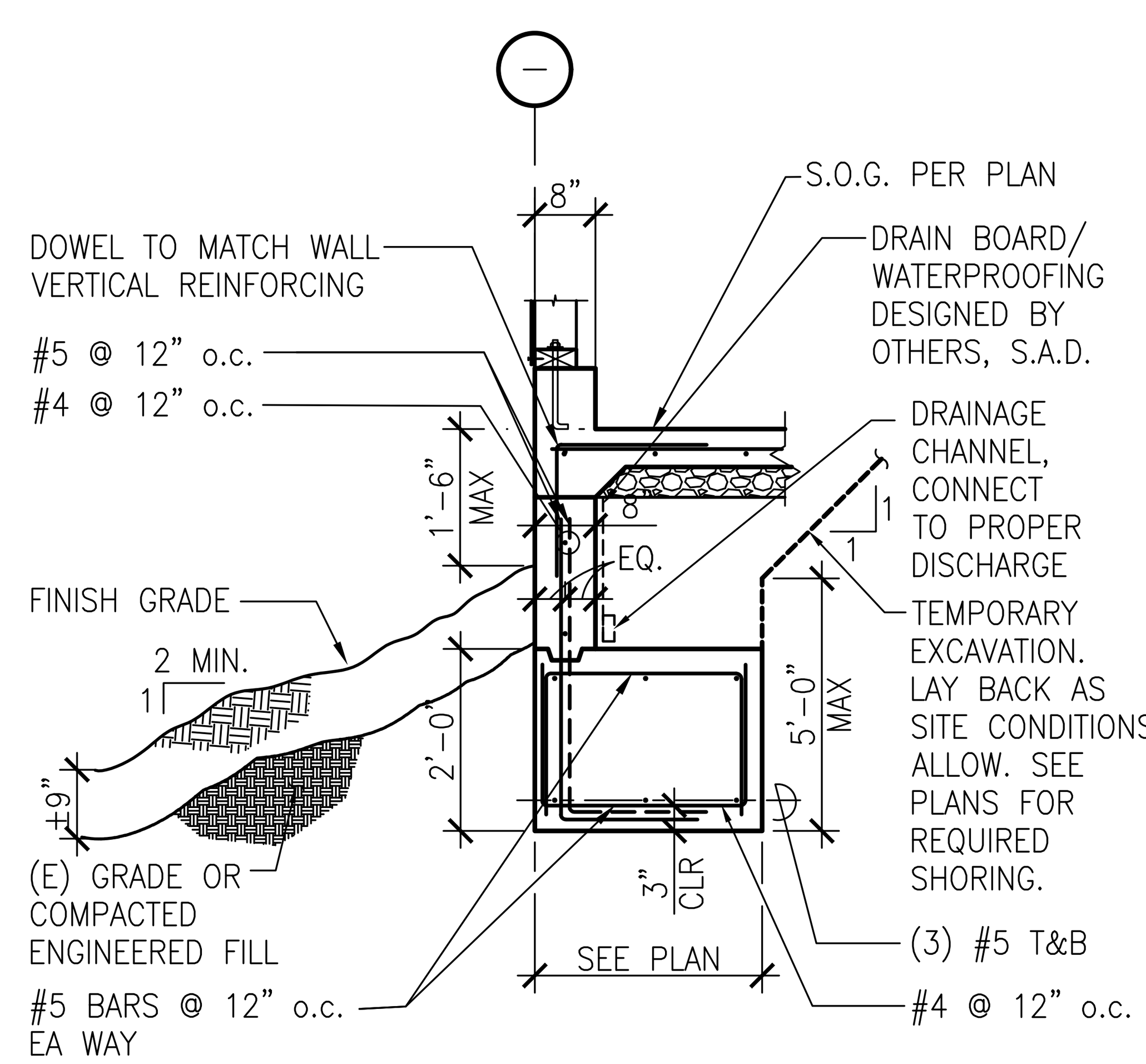
7/S4.3 STEP IN SLAB
SCALE: E



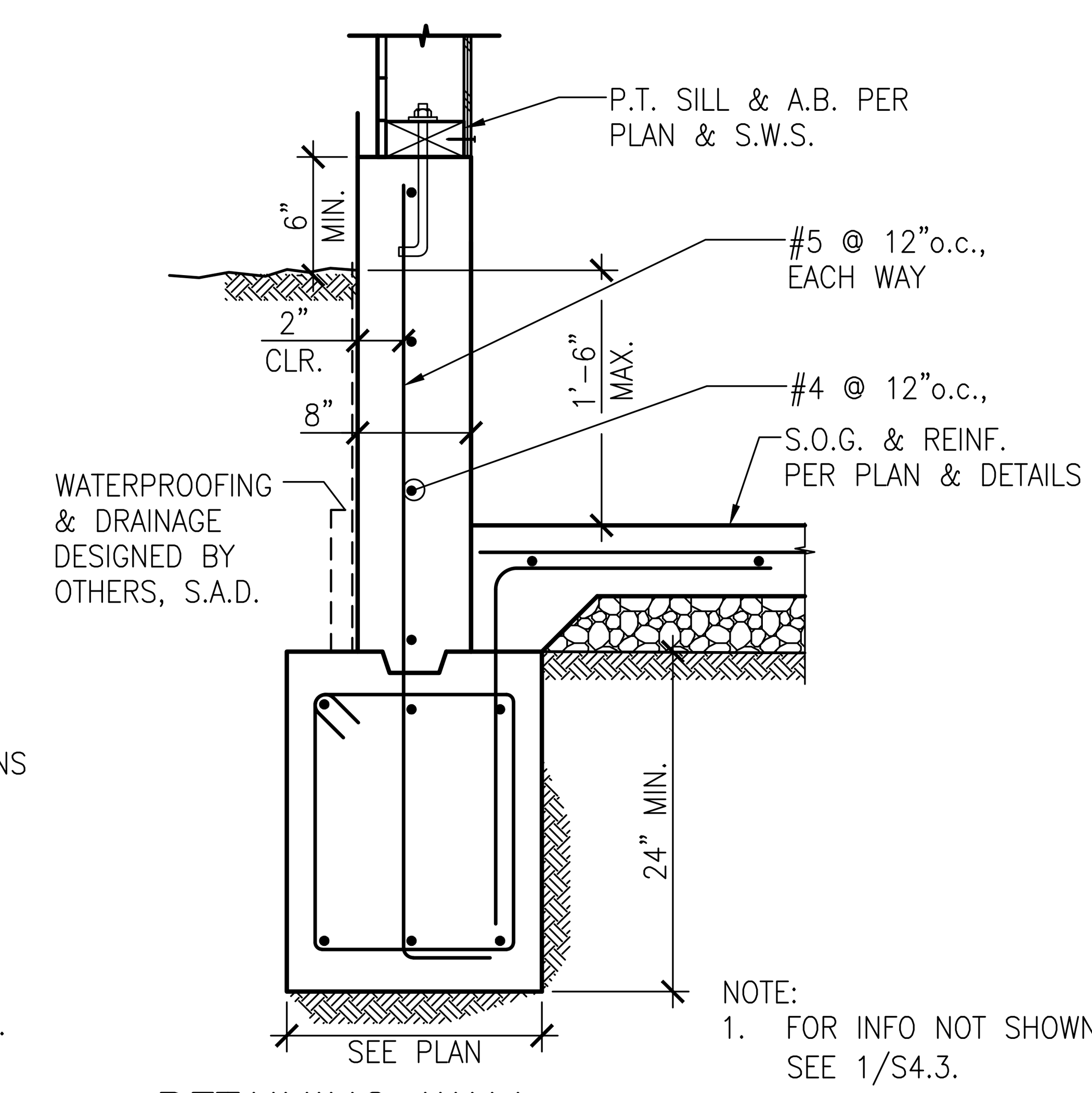
4/S4.3 TYPICAL INTERIOR PAD FOOTING
SCALE: E



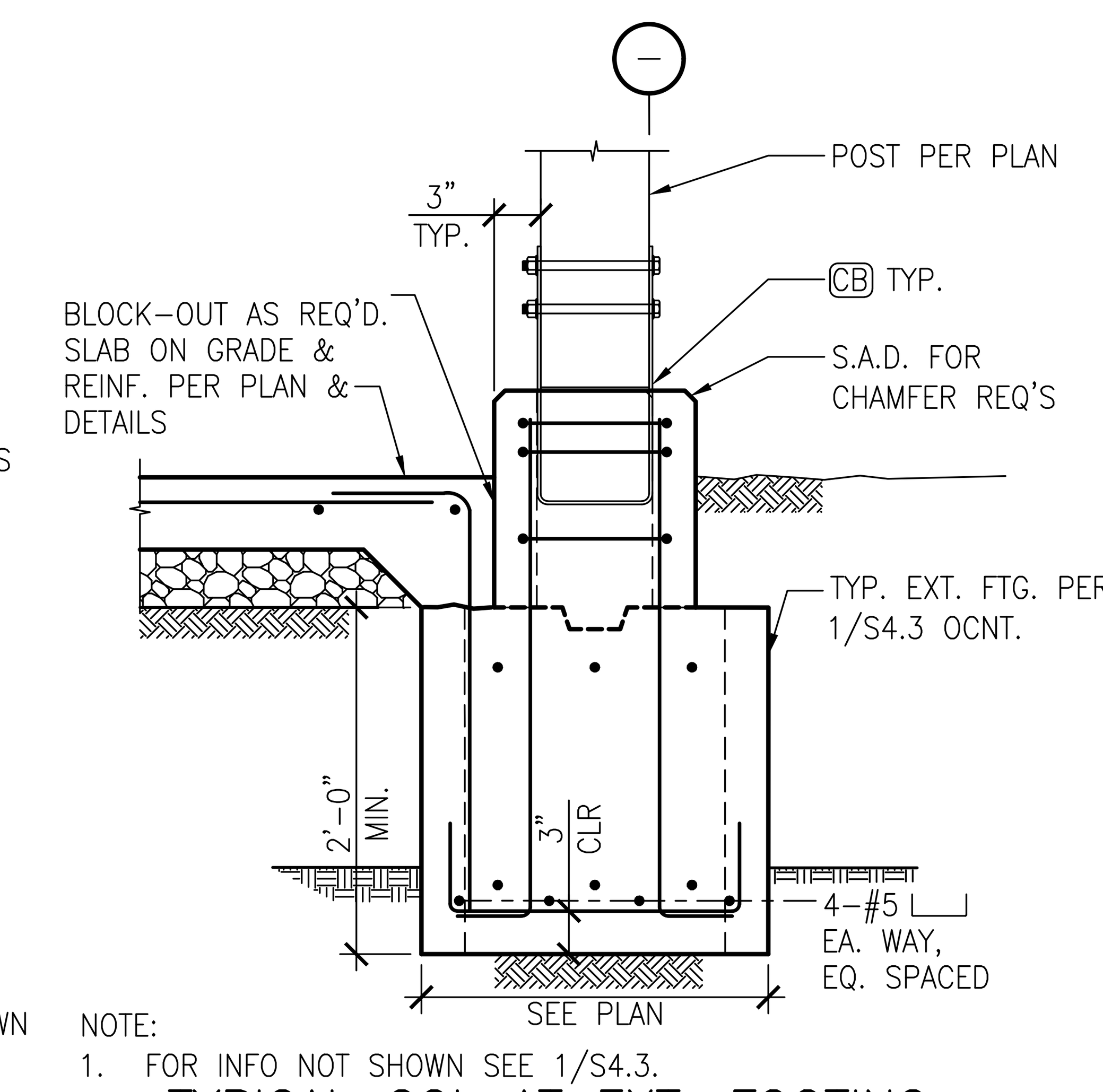
2/S4.3 TYPICAL INTERIOR FOOTING
SCALE: E



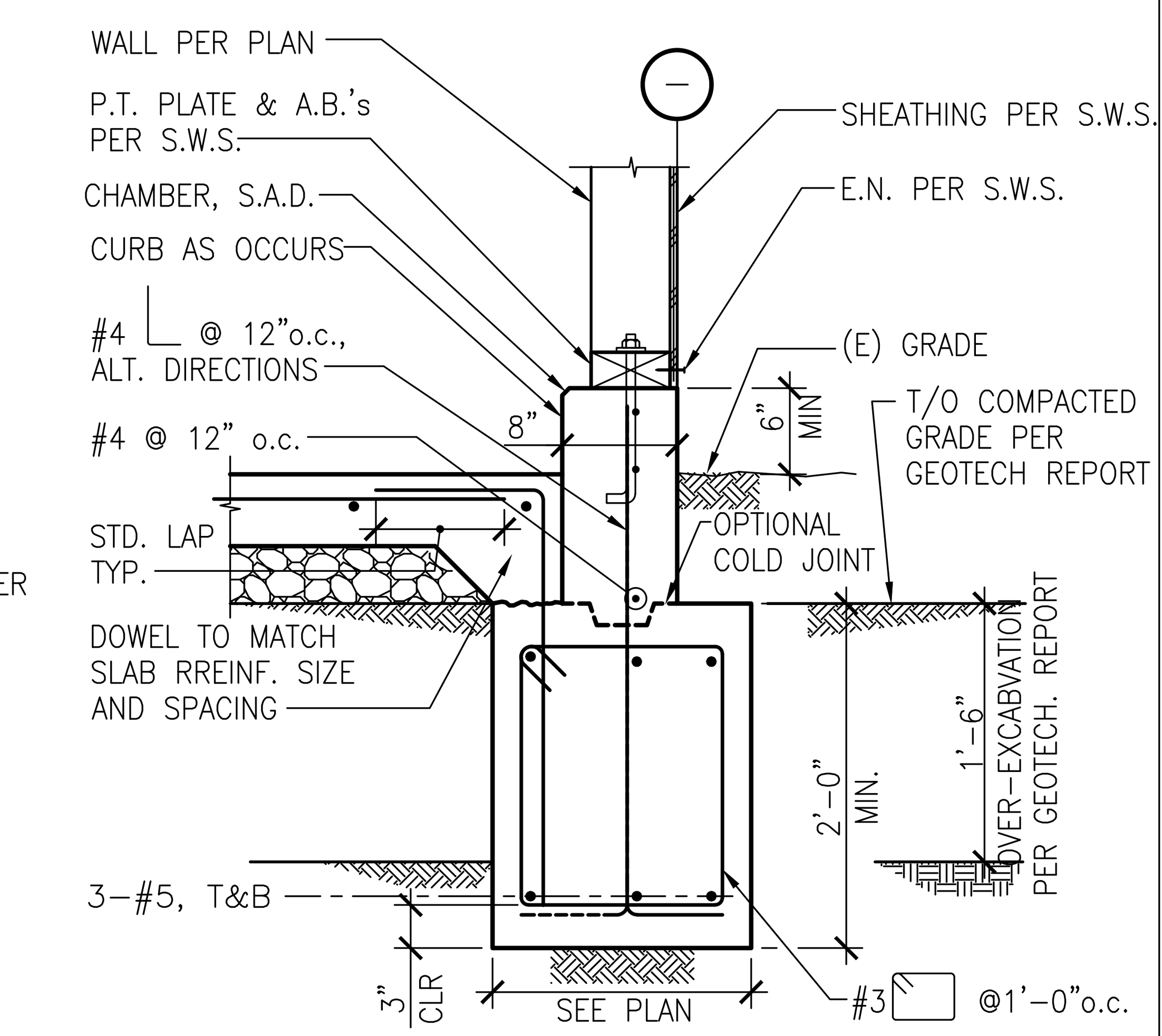
9/S4.3 RESTRAINED WALL FOOTING
SCALE: G



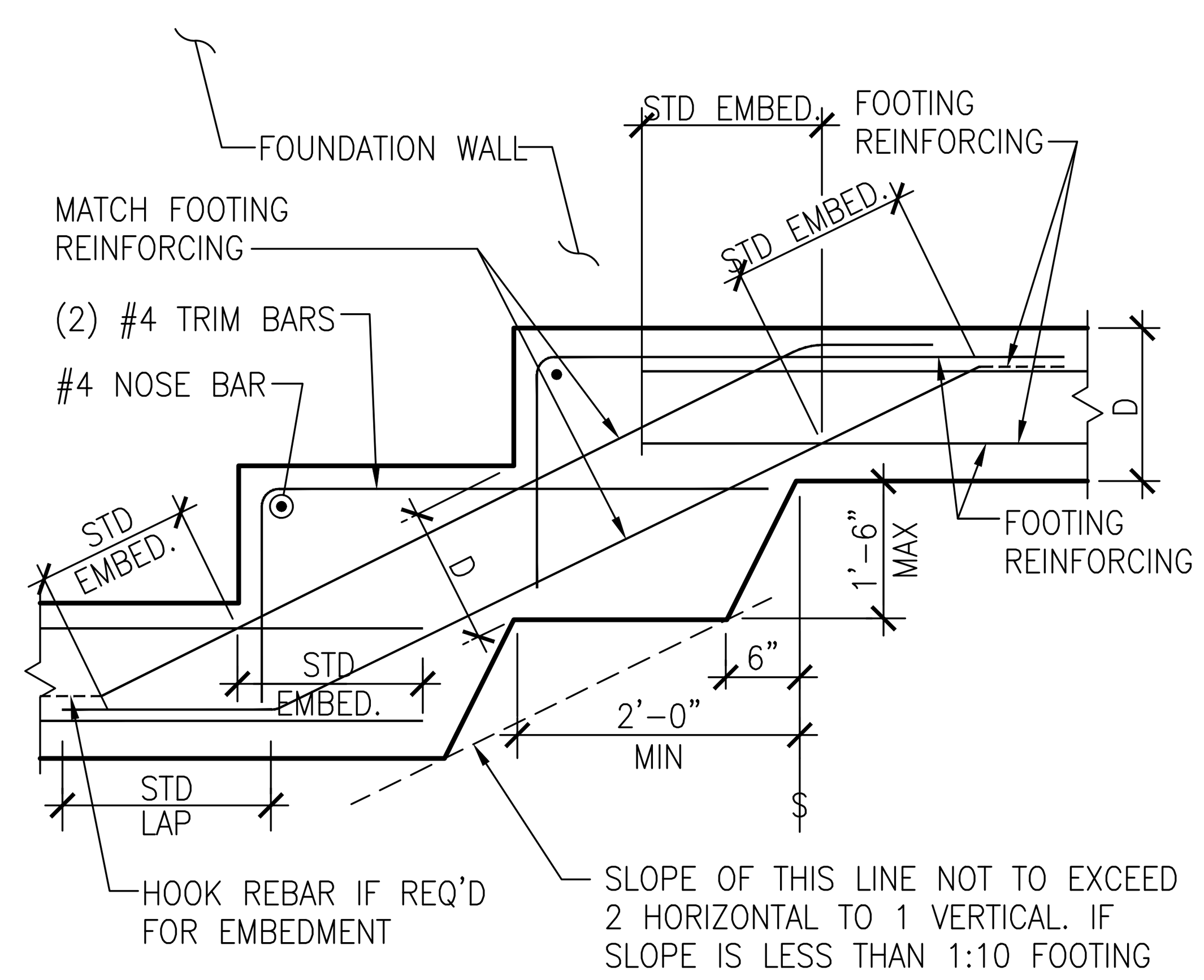
6/S4.3 RETAINING WALL
SCALE: E



3/S4.3 TYPICAL COL AT EXT. FOOTING
SCALE: E

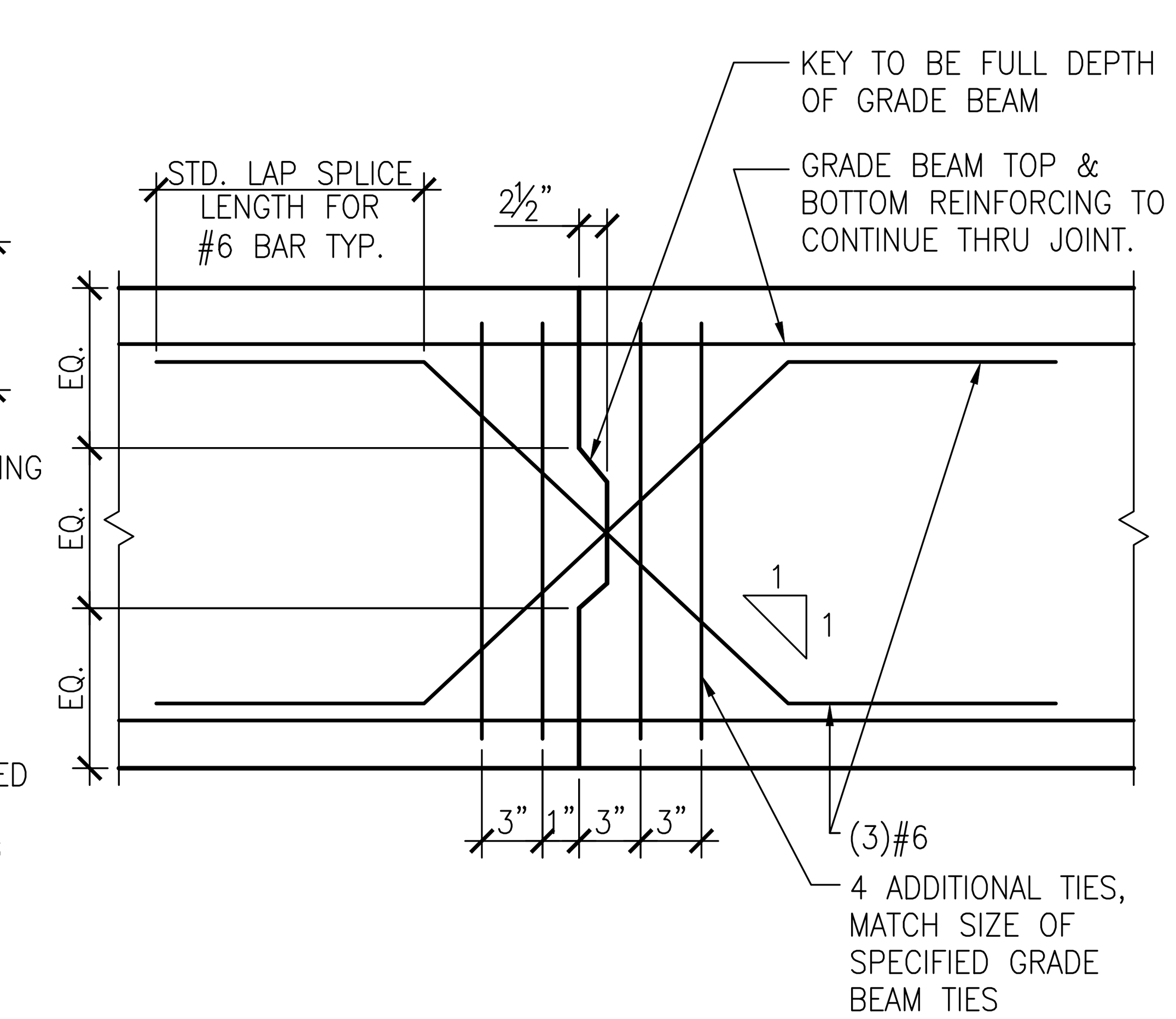


1/S4.3 TYPICAL EXTERIOR FOOTING
SCALE: E

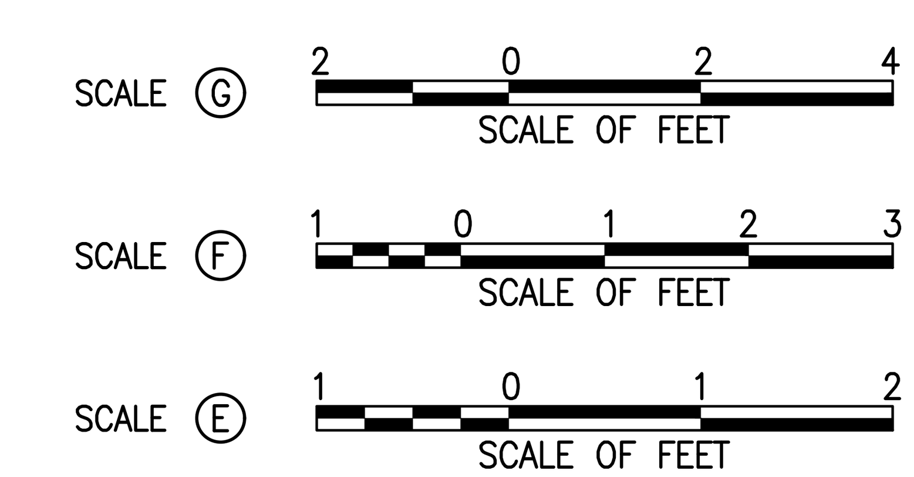


NOTE:
1. "D" = FOOTING DEPTH
2. STD LAP DENOTES STANDARD SPLICE. STD EMBED. DENOTES STANDARD EMBEDMENT LENGTH. SEE X/–

8/S4.3 STEPPED SPREAD FOOTING
SCALE: F



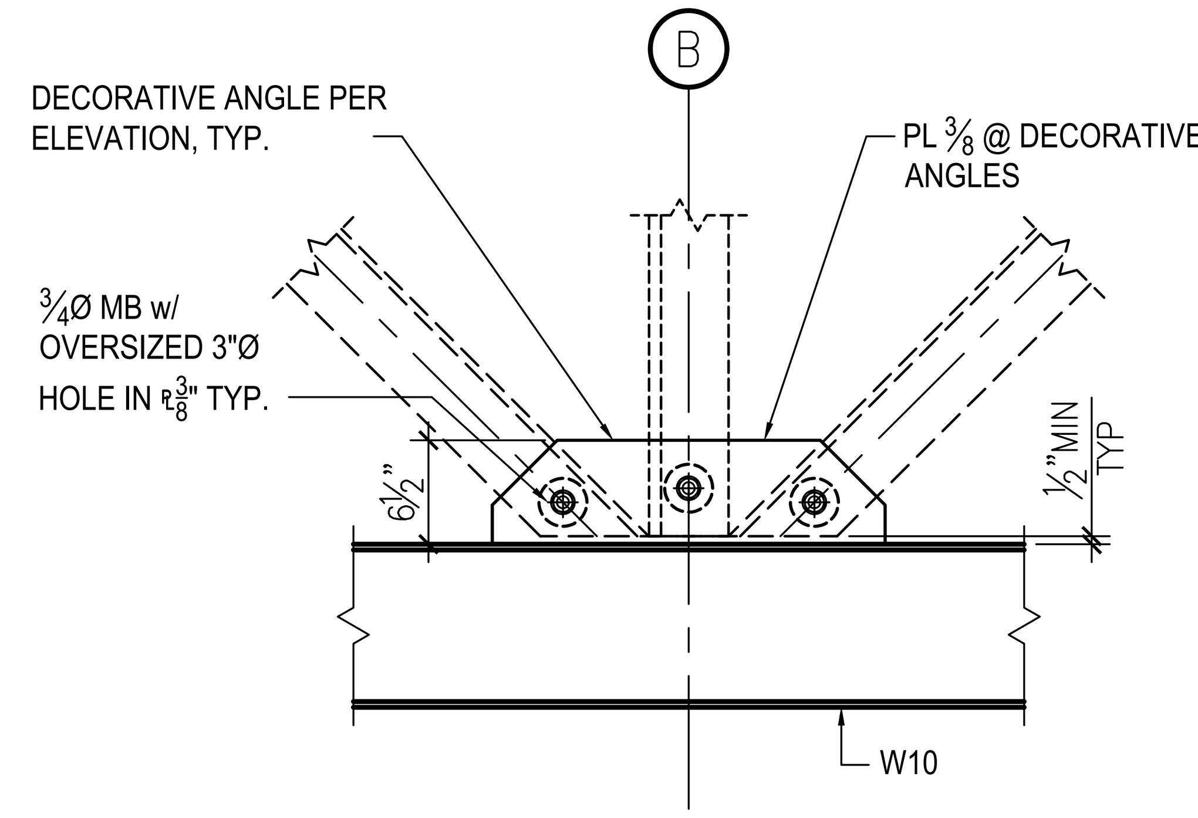
5/S4.3 GRADE BEAM CONSTRUCTION JOINT
SCALE: F



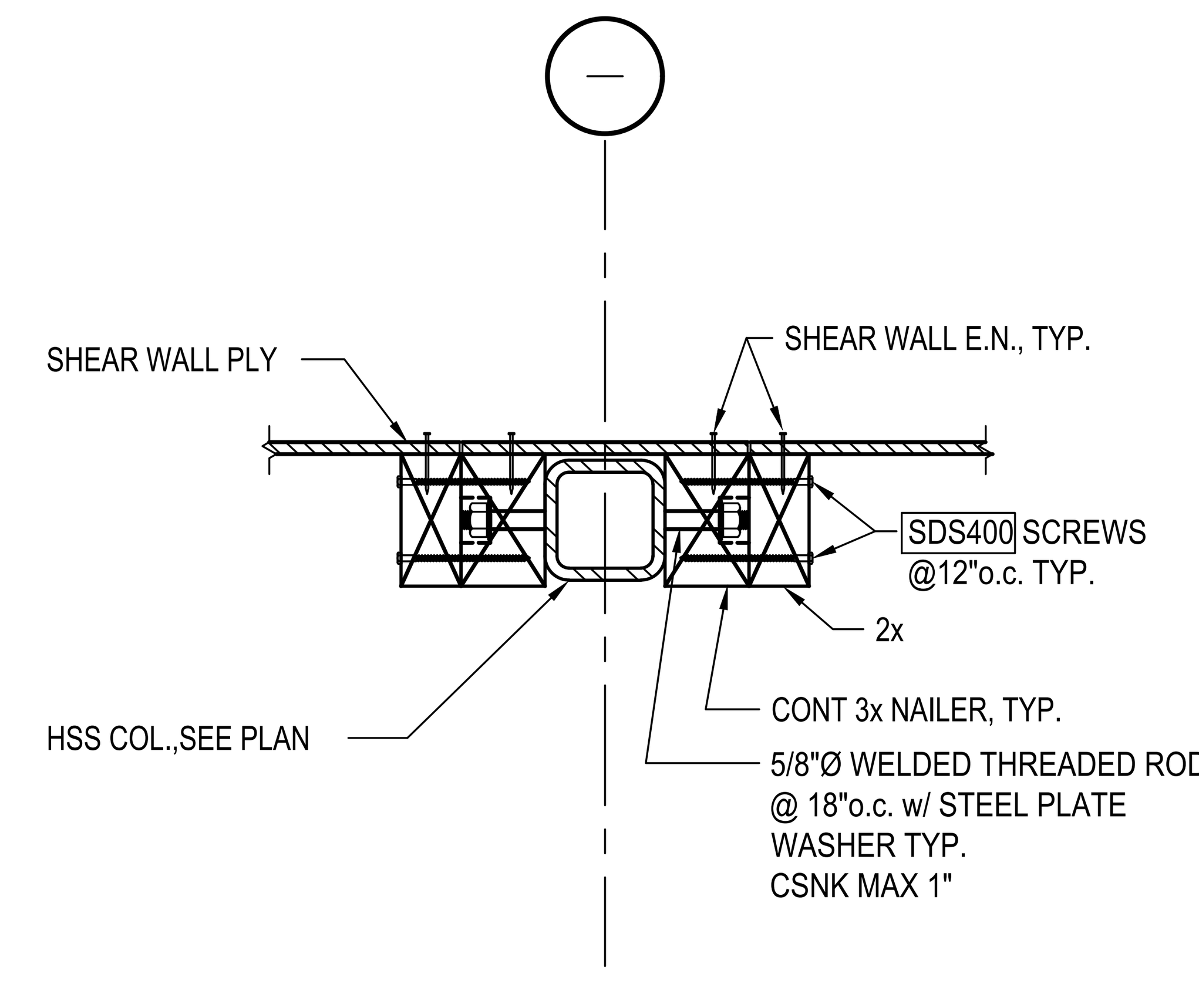
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 182819
CADD FE	S4.3	CONCRETE TYPICAL DETAILS – –	PMIS/PKG NO. 303051
TECH. REVIEW: FK			
DATE: 7-15-22		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 107 OF 200

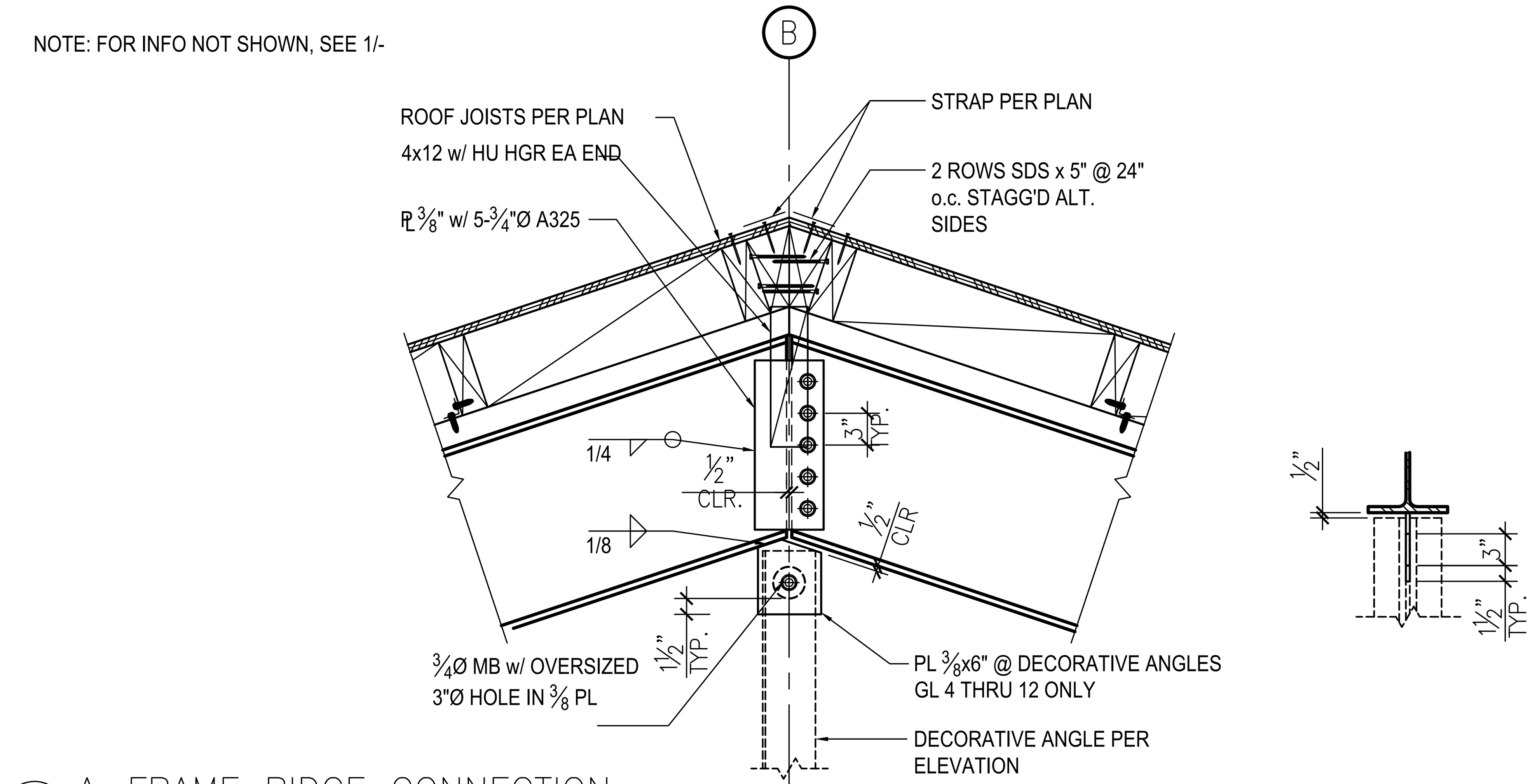
NOTE: FOR INFO NOT SHOWN, SEE 1/-



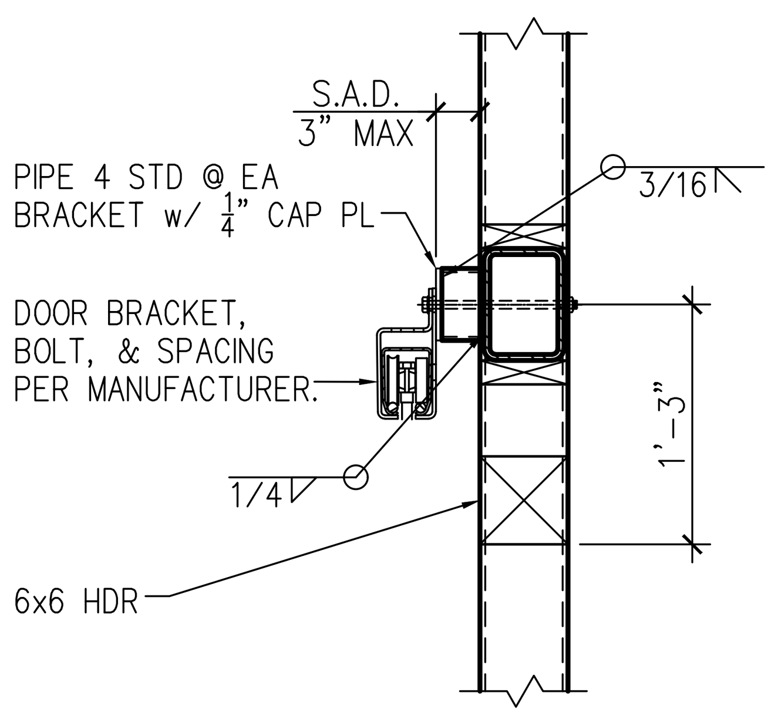
10 DECORATIVE ANGLE CONN. GL 4 THRU 12 ONLY
S5.0 SCALE: E



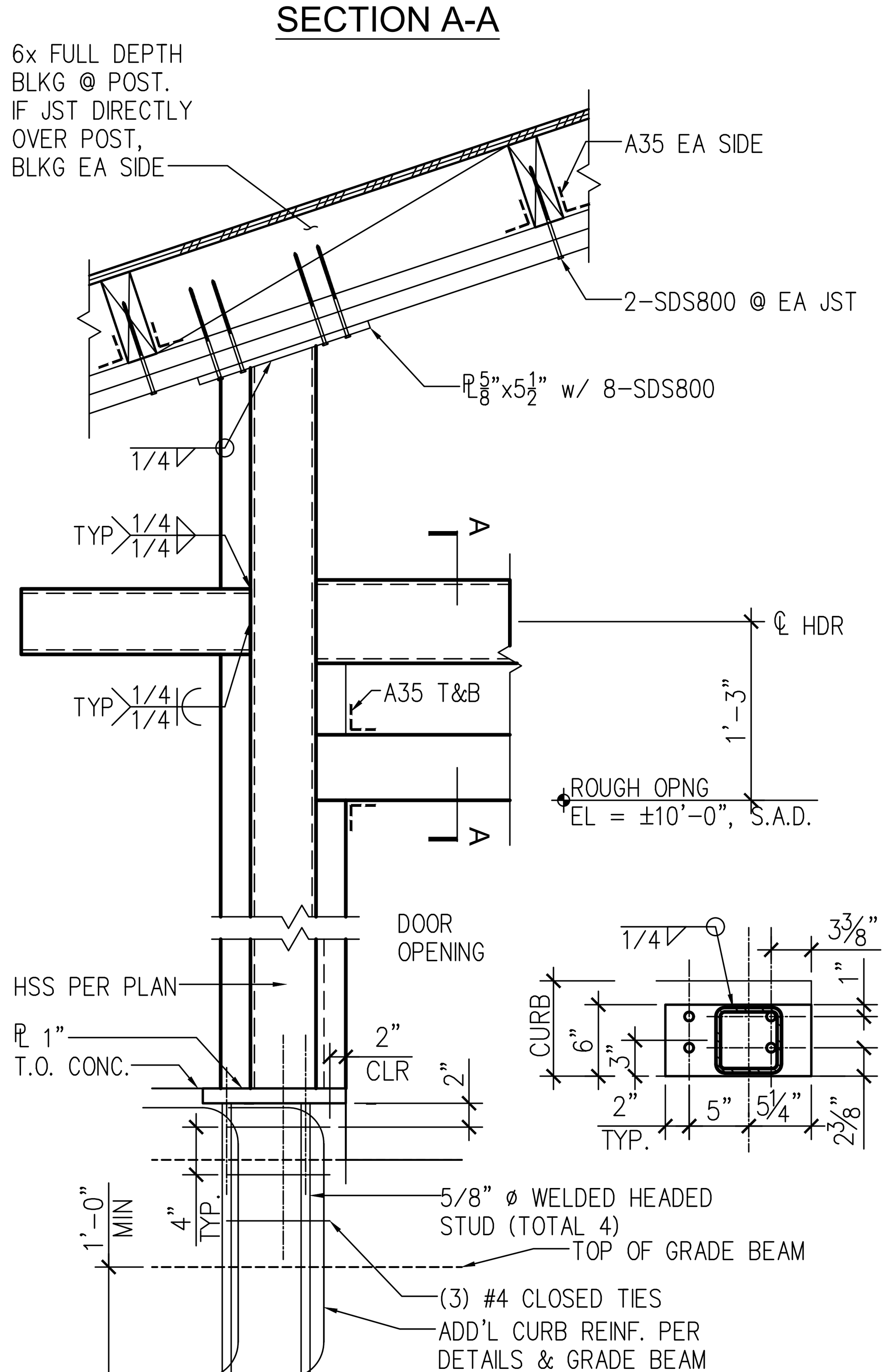
6 TYPICAL HSS COLUMN TO SHEAR WALL CONNECTION
S5.0 SCALE:



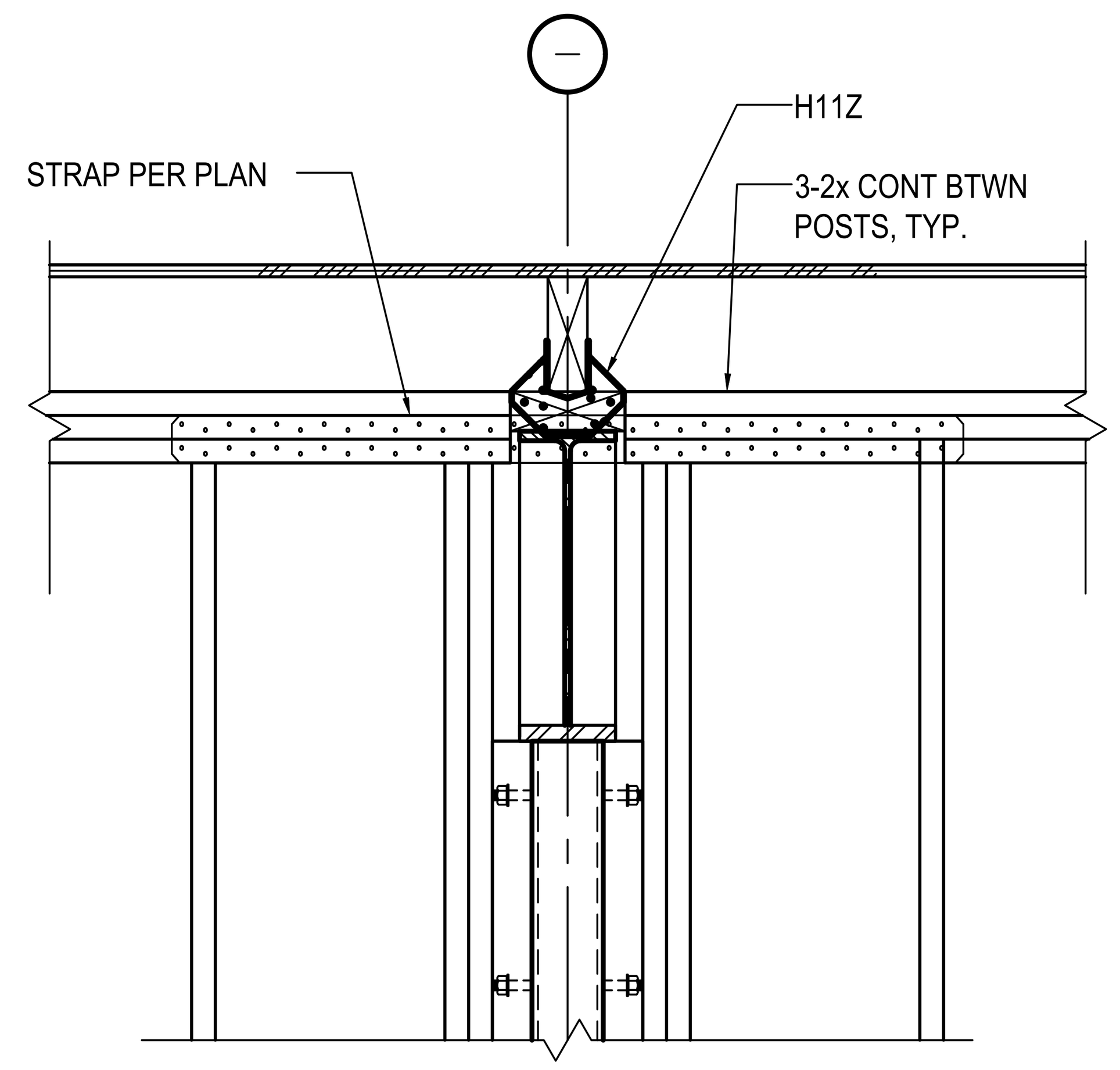
2 A-FRAME RIDGE CONNECTION
S5.0 SCALE: E



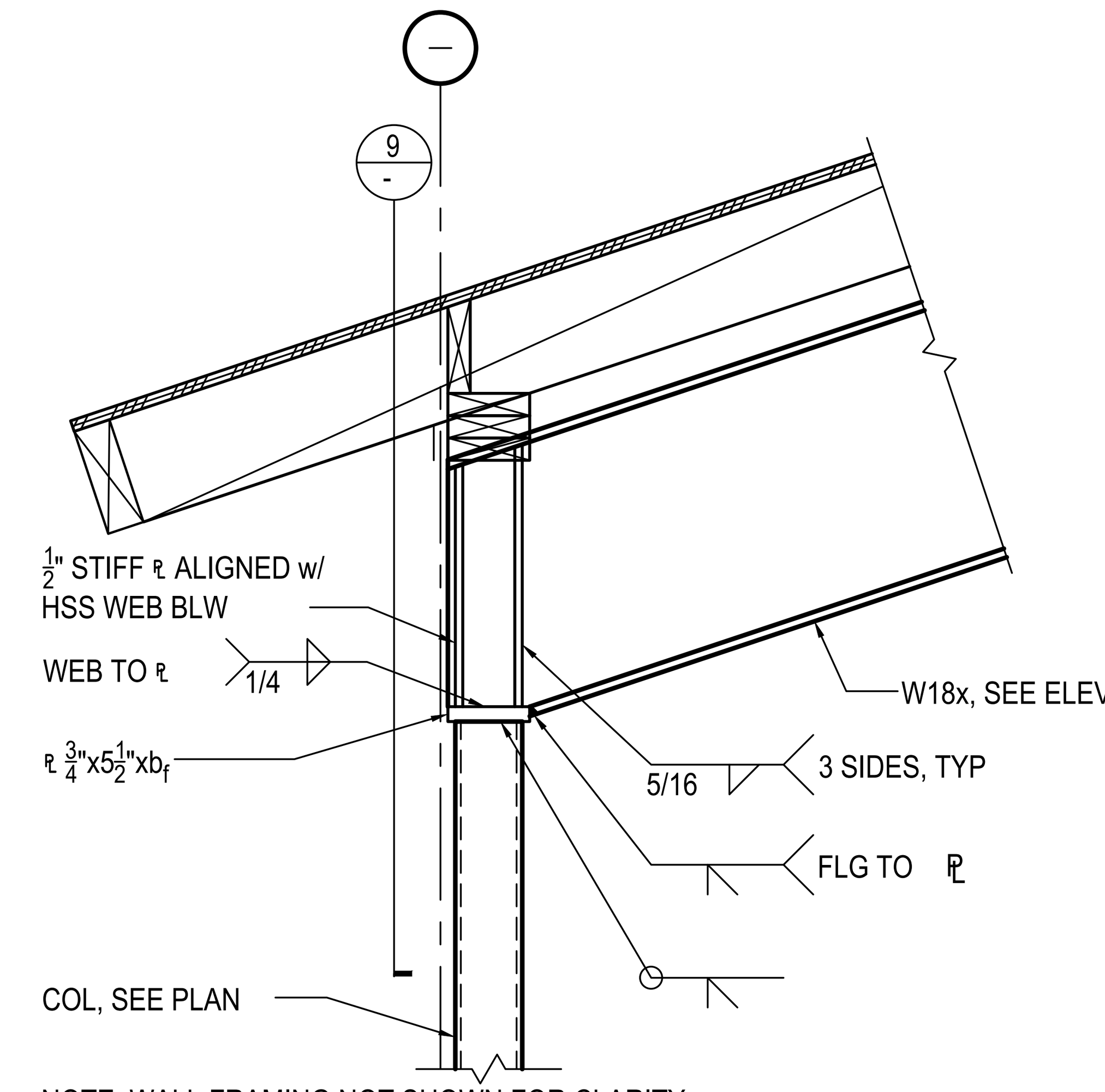
SECTION A-A



11 HSS @ SMALL EVENT DOOR OPENING
S5.0 SCALE: E

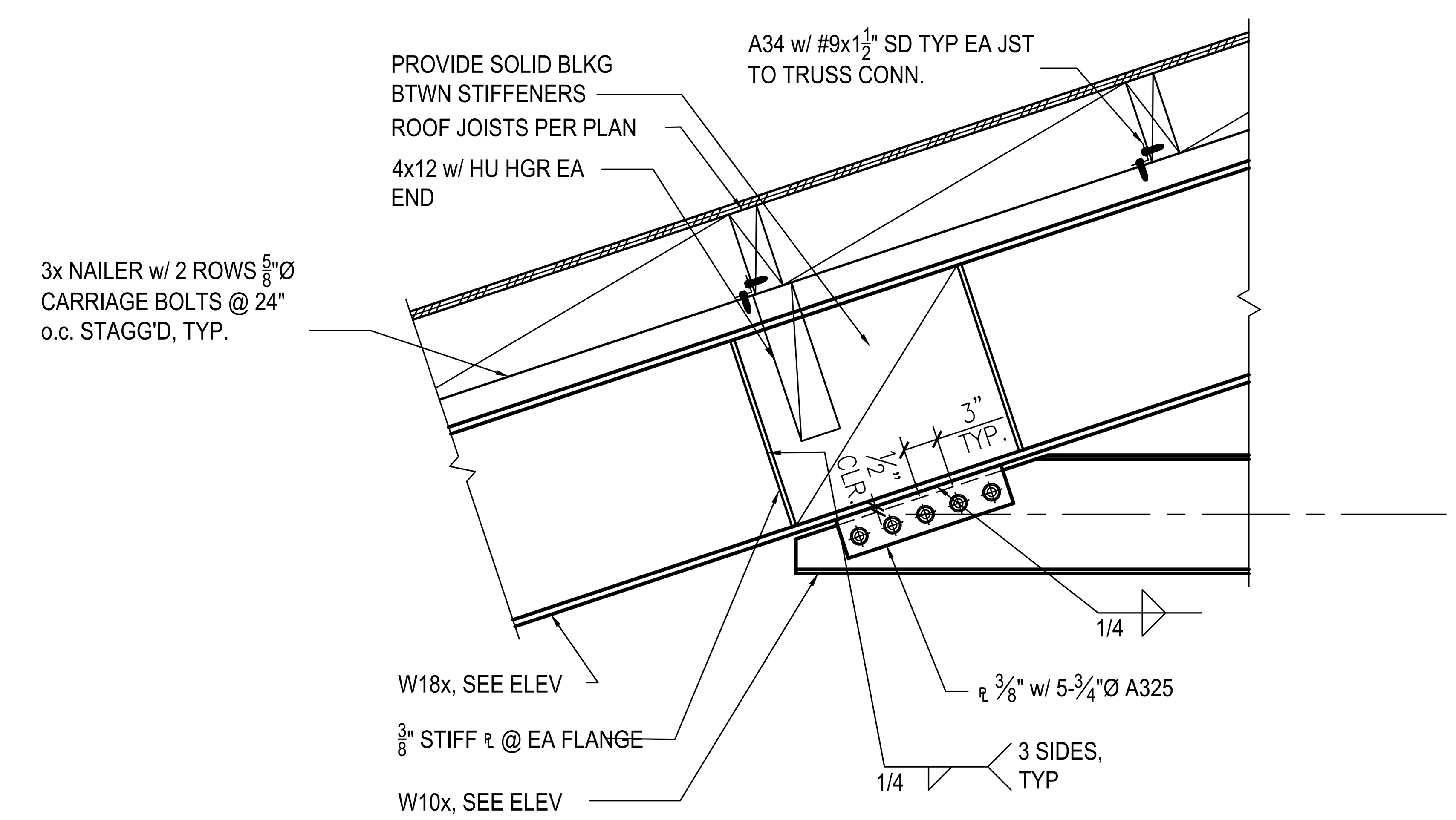


9 BARN TRUSS TO COLUMN CONNECTION
S5.0 SCALE: E

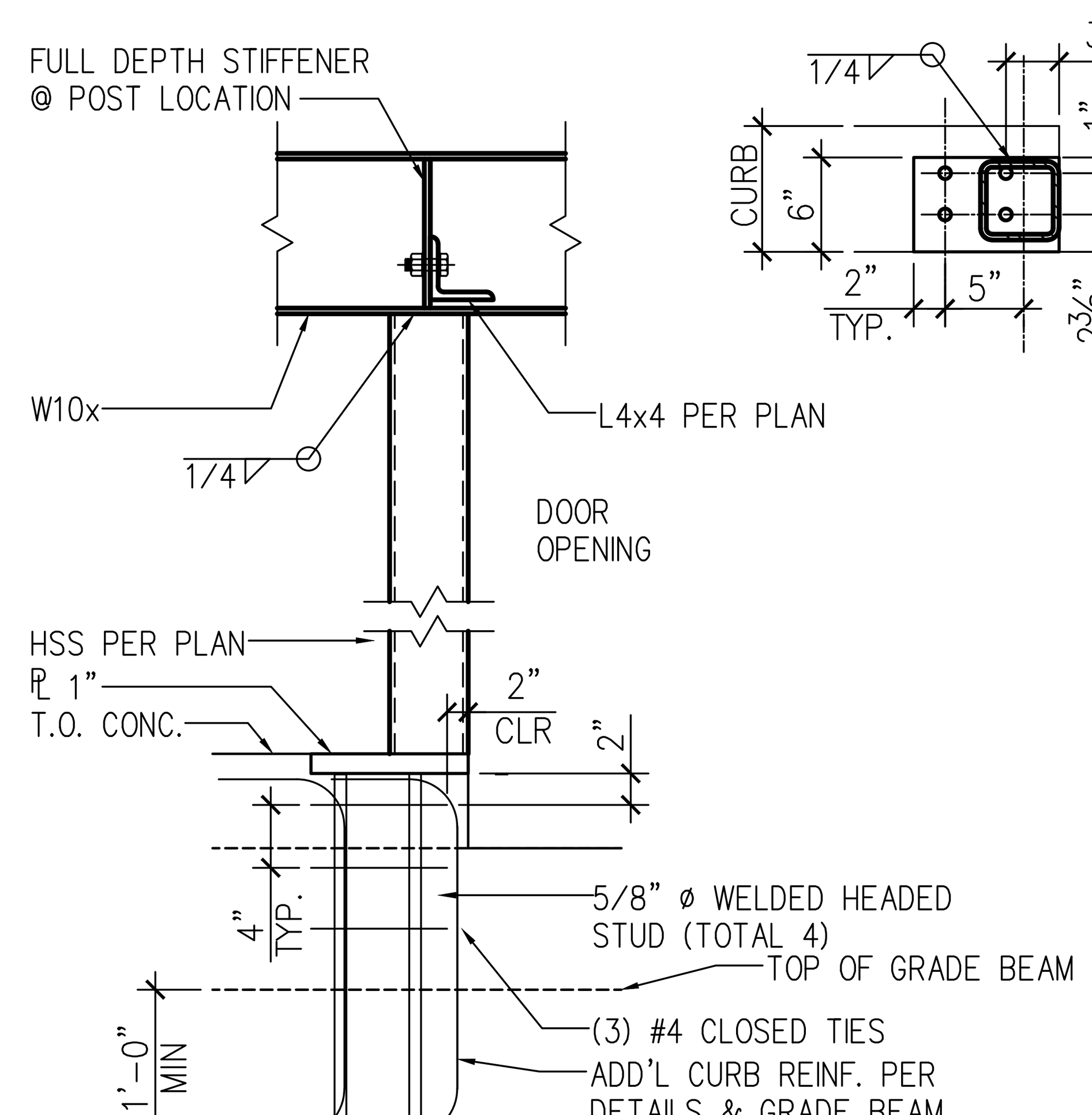


NOTE: WALL FRAMING NOT SHOWN FOR CLARITY.

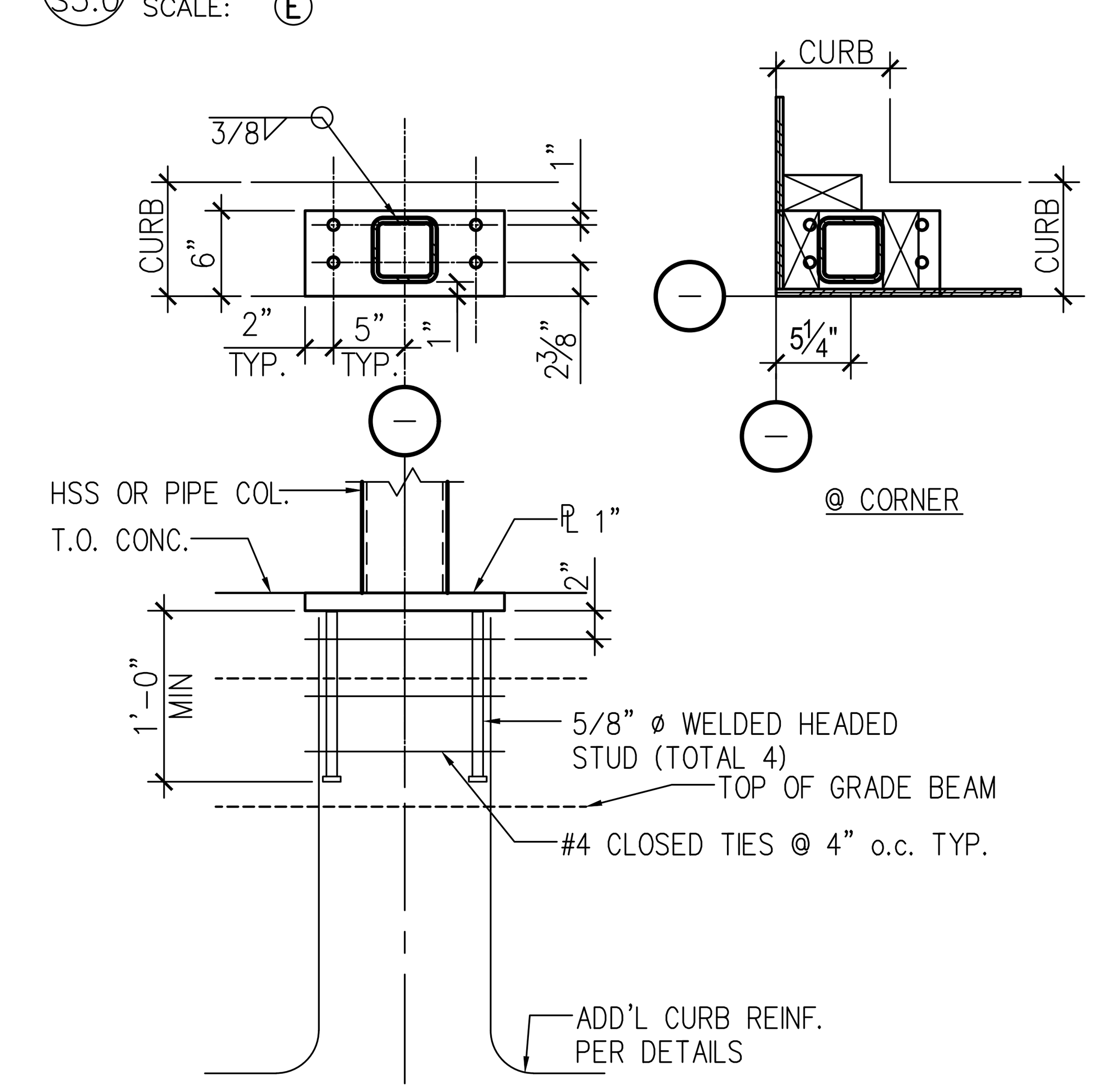
6 A-FRAME TO COLUMN CONNECTION
S5.0 SCALE: E



1 BOTTOM CHORD CONNECTION
S5.0 SCALE: E



8 HSS @ BARN DOOR OPENING
S5.0 SCALE: E



5 NON-FRAME HSS COL. BASE PLATE
S5.0 SCALE: E

SCALE E 1 0 1 2 SCALE OF FEET

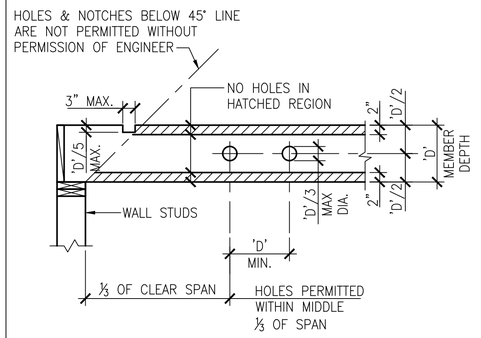
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: SI
CADD: FE
TECH. REVIEW: FK
DATE: 7-15-22

SUB SHEET NO. S5.0

TITLE OF SHEET
STEEL TYPICAL DETAILS
-
-
SAMO REBUILD PARAMOUNT RANCH
AGOURA HILLS, CALIFORNIA

DRAWING NO. 638 182819
PMIS/PKG NO. 303051
SHEET 108 OF 200



NOTES:
1. HOLES & NOTCHES ARE NOT PERMITTED WHERE 'D' IS 4" OR LESS.

13 S6.0 HOLES & NOTCHES IN BM/JST

SCALE: ◯ N.T.S.

MAXIMUM HOLE DIAMETER PERMITTED:
2x4 STUD WALL 2"
2x6 STUD WALL 3¼"
2x8 STUD WALL 4½"

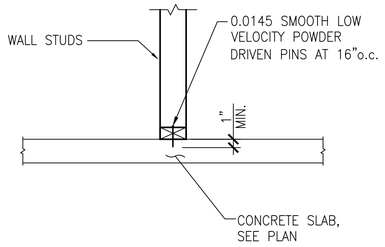
12 S6.0 HOLES IN DOUBLE TOP PLATES

SCALE: ◯ NO SCALE

NOTES:
1. "HSS" STUD SHOE MAY BE USED IN LIEU OF SCABS ONLY FOR HOLES LESS THAN 'W'/3 IN DIAMETER.
2. HOLES LARGER THAN 'W'/3 ARE NOT PERMITTED IN POSTS.
3. MAXIMUM HOLE DIAMETER IN STUDS W/ SCABBED-ON 2x's :
   2x4 STUD WALL: 2"ø HOLE MAX.
   2x6 STUD WALL: 3¼"ø HOLE MAX.
   2x8 STUD WALL: 4½"ø HOLE MAX.

11 S6.0 HOLES IN WALL STUDS

SCALE: ◯ NO SCALE

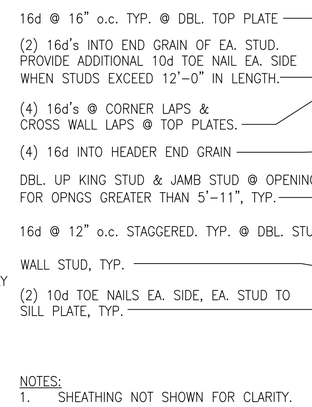


NOTE:

FOR STRUCTURAL BEARING & SHEAR WALL TO FOOTING CONNECTION, SEE SHEAR WALL SCHED, & FOUNDATION DETAILS.

10 S6.0 PARTITION TO CONCRETE SLAB CONNECTION DETAIL

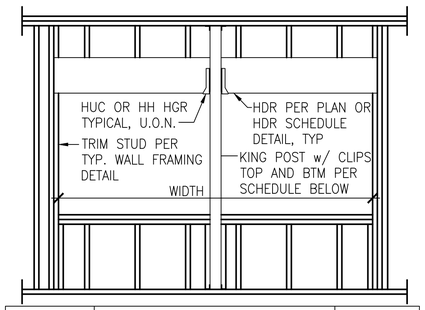
SCALE: (F)



NOTES:
1. SHEATHING NOT SHOWN FOR CLARITY.
2. FOR INFO NOT NOTED, SEE TYPICAL WOOD DETAILS.
3. USE TYPE 1 SHEARWALL SHEATHING & FASTENERS ABV & BLW PERIMETER WALL WINDOWS & DOORS U.O.N.

9 S6.0 TYPICAL BEARING/STUD WALL FRAMING

SCALE: ◯ N.T.S.



WIDTH	KING POST SIZE		CLIPS (TOP & BOTTOM)
	4" STUD WALL	6" STUD WALL	
≤ 6'-0"	(2) 2x4	(2) 2x6	(2) A34
≤ 10'-0"	4x4	4x6	(2) A34
≤ 12'-0"	6x4	6x6	(2) L50

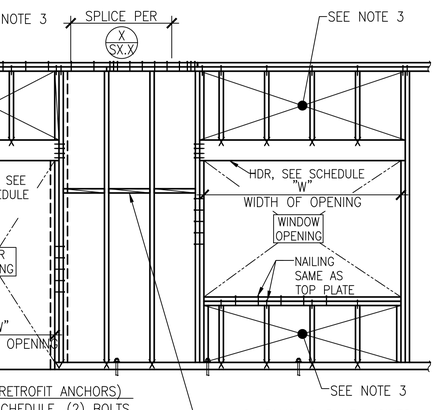
NOTE: FOR INFO NOT SHOWN, SEE (X SX.X)

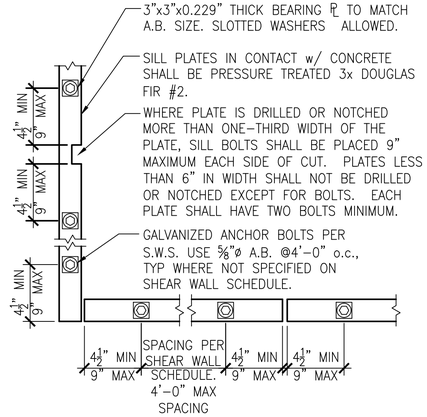
8 S6.0 TYPICAL WALL FRAMING AT ADJACENT WINDOWS

SCALE: (E)

7 S6.0 TYPICAL ANCHOR BOLT LAYOUT (ALL WALLS)

SCALE: (E)





TYPICAL WOOD HEADER SCHEDULE		
WIDTH OF OPENING, "W"	AT BEARING WALLS	AT NON-BEARING WALLS
≤ 4'-0"	T x 6	T x 6
4'-1" TO 6'-0"	T x 8	T x 6
6'-1" TO 8'-0"	T x10	T x 8
8'-1" TO 10'-0"	T x 12	T x 8
10'-1" TO 12'-0"	T x 11⅞ PSL	T x 8

NOTES:
1. T = STUD WALL NOMINAL THICKNESS (EX: FOR 2x4 STUDS, T = 4)
2. HEADERS SHALL BE DF#1 U.O.N.
3. FOR TYPICAL FRAMING DETAILS, SEE (9 –)

5 S6.0 TYPICAL WOOD HEADER SCHEDULE

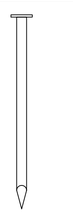
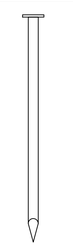
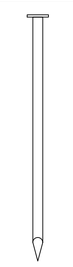
SCALE: ◯ NO SCALE

NAILING SCHEDULE	
NAILED CONNECTION DESCRIPTION	MINIMUM REQUIRED NAILING (UNLESS DETAILED OTHERWISE)
JOIST TO SILL PLATE OR GIRDER	(3) 8d TOE NAILS
BRIDGING TO JOIST	(2) 8d TOE NAILS EA END
1"x6" SUBFLOOR OR LESS	(2) 8d FACE NAILS EA JOIST
WIDER THAN 1"x6" SUBFLOOR	(3) 8d FACE NAILS EA JOIST
2" SUBFLOOR TO JOIST OR GIRDER	(2) 16d BLIND & FACE NAIL
SOLE PLATE TO JOIST OR BLOCKING	16d @ 16" o.c. FACE NAIL (3) 16d EVERY 16" o.c. @ BRACED WALL PANELS
TOP PLATE TO STUD	(2) 16d END NAIL
STUD TO SILL PLATE	(4) 8d TOE NAIL OR (2) 16d END NAIL
DOUBLE STUDS	16d FACE NAILS @ 24" o.c.
DOUBLE TOP PLATES	16d FACE NAILS @ 16" o.c., (8) 16d @ LAPS
BLKG BTWN JOISTS OR RAFTERS TO TOP PLATE	(3) 16d
RIM JOIST TO TOP PLATE	8d TOE NAILS @ 16" o.c.
TOP PLATE @ LAPS OR INTERSECTIONS	(2) 16d
CONT HEADER, TWO PIECES (ALONG EA EDGE)	16d @ 16" o.c.
CEILING JOIST (CJ) TO PLATE	(3) 8d TOE NAILS
CEILING JOIST (CJ) PARALLEL TO RAFTERS	(4) 8d TOE NAILS
RAFTER TO PLATE	(3) 16d FACE NAILS
1" BRACE TO EA STUD & PLATE	(3) 16d FACE NAILS
1"x8" SHEATHING OR LESS TO EA BEARING	(2) 8d FACE NAILS
WIDER THAN 1"x8" SHEATHING TO EA BEARING	(3) 8d FACE NAILS
BUILT UP CORNER STUDS	16d @ 24" o.c.
BUILT UP GIRDERS AND BEAMS	20d @ 32" o.c. T&B STAGG'D w/ (2) 20d @ EA END & SPLICES
2" PLANKS, EA END AND EA BEARING	(2) 16d

NOTES:
1. USE COMMON WIRE NAILS FOR ALL NAILED CONNECTIONS. BOX NAILS ARE PROHIBITED.
2. WHERE POSSIBLE, DRIVE NAILS PERPENDICULAR TO THE GRAIN IN LIEU OF TOE NAILING.
3. NAILING DETAILED ELSEWHERE SUPERSEDES THE REQUIREMENTS OF THIS SCHEDULE. NAILING SHOWN ABOVE ARE MINIMUM REQUIREMENTS.
4. EXTERIOR NAILS PERMANENTLY EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED.

3 S6.0 NAILING SCHEDULE

SCALE: ◯ NO SCALE

FIELD VERIFICATION OF NAILS			
NAIL DESIGNATION	8d COMMON	10d FRAMING	16d FRAMING
SHANK DIAMETER	0.131" DIA	0.148" DIA	0.162" DIA
LENGTH	2½"	3"	3½"
HEAD DIAMETER	0.281" DIA	0.312" DIA	0.344" DIA
HEAD TYPE	ROUND	ROUND	ROUND
EMBOSSED HEAD MARKING (EZ CODE)	(I)	(J)	(K)
ACTUAL NAIL SIZE LAY NAIL ON PAPER AND COMPARE DIAMETER & LENGTH			

NAIL SPECIFICATION:

1. NAILS MANUFACTURED BY GOLDEN STATE NAIL COMPANY WITH THE 'EZ CODE' NAIL IDENTIFICATION SYSTEM MANUFACTURED TO MEET OR EXCEED THE REQUIREMENTS OF ASTM F1667. FOR ORDERING INFORMATION AND LOCAL DISTRIBUTORS, CONTACT:

   GOLDEN STATE NAIL COMPANY,
   P.O. BOX 3299,
   RANCHO CUCAMONGA, CA 91729-3299
   TEL: 909.899.5000
   FAX: 909.899.5002

2. THE FOLLOWING TOOLS ARE CAPABLE OF DRIVING THE SCHEDULED NAILS:

		PASLODE ®	2350/SRH-20
HITACHI®	NR83A	MAKITA ®	AN-8300
HALSTEAD®	HN212	STAN-TECH®	SDN11/SDN11B
HALSTEAD®	HNS32	BOSTITCH ®	N90RHN
HALSTEAD®	HNS34	SENCO ®	SN60, SN65
ATRO®	RHS92		

   CONTACT TOOL REPRESENTIVE TO VERIFY YOUR TOOL, IF NOT LISTED, IS CAPABLE OF CORRECTLY DRIVING SAID NAILS TO THE PROJECT REQUIREMENTS.

3. NAILS BY OTHER MANUFACTURER's MAY BE USED PROVIDED THEY HAVE A VALID AND CURRENT ICC EVALUATION REPORT AND A MEANS OF DETERMINING THE NAIL TYPE, DIAMETER, AND LENGTH AFTER DRIVEN BY EMBOSSING OR COLOR COATING OF THE NAIL HEAD.

1 S6.0 NAIL SPECIFICATION

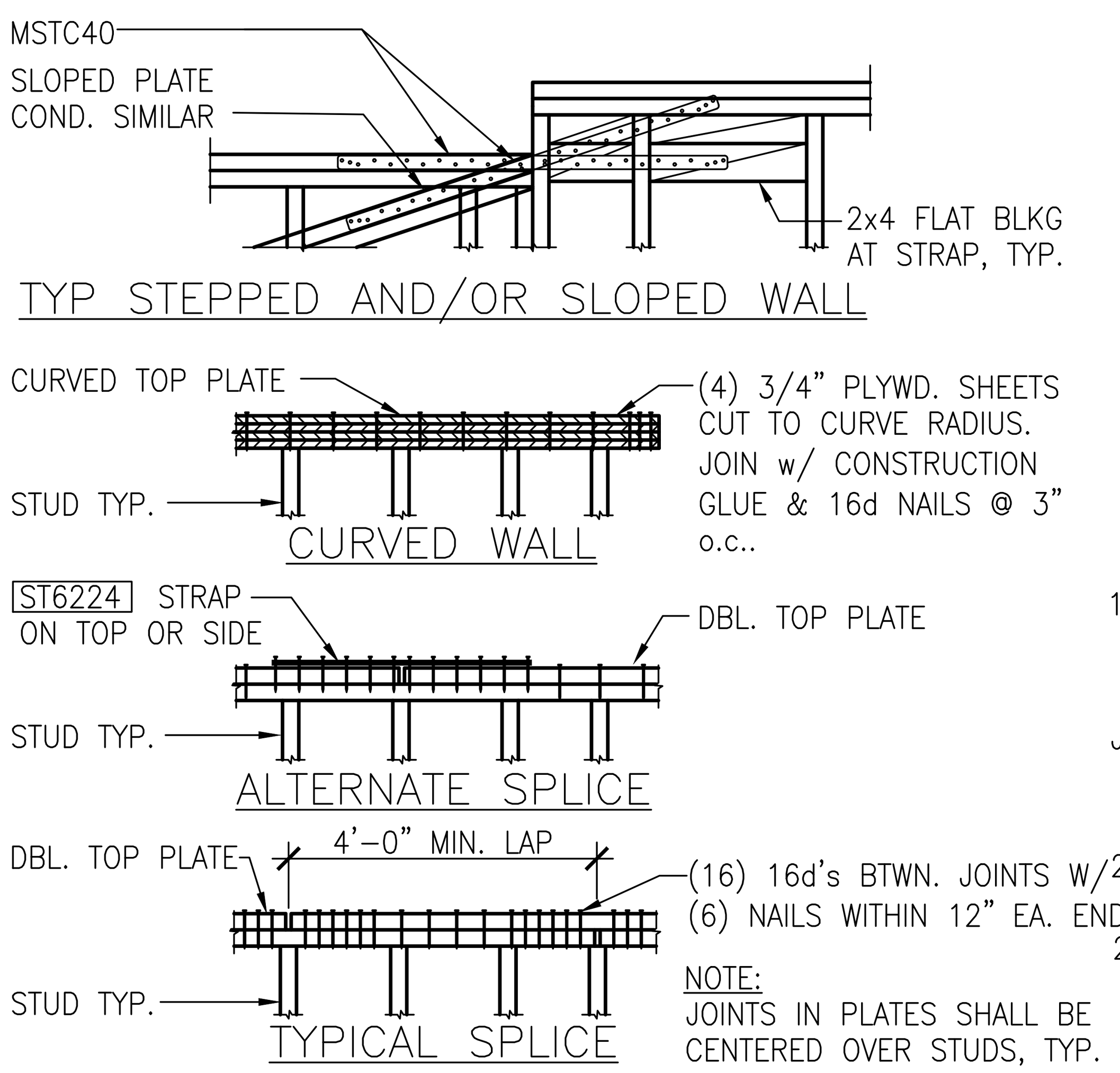
SCALE: ◯ NO SCALE

SCALE (K) 8 0 8 16
SCALE OF FEET

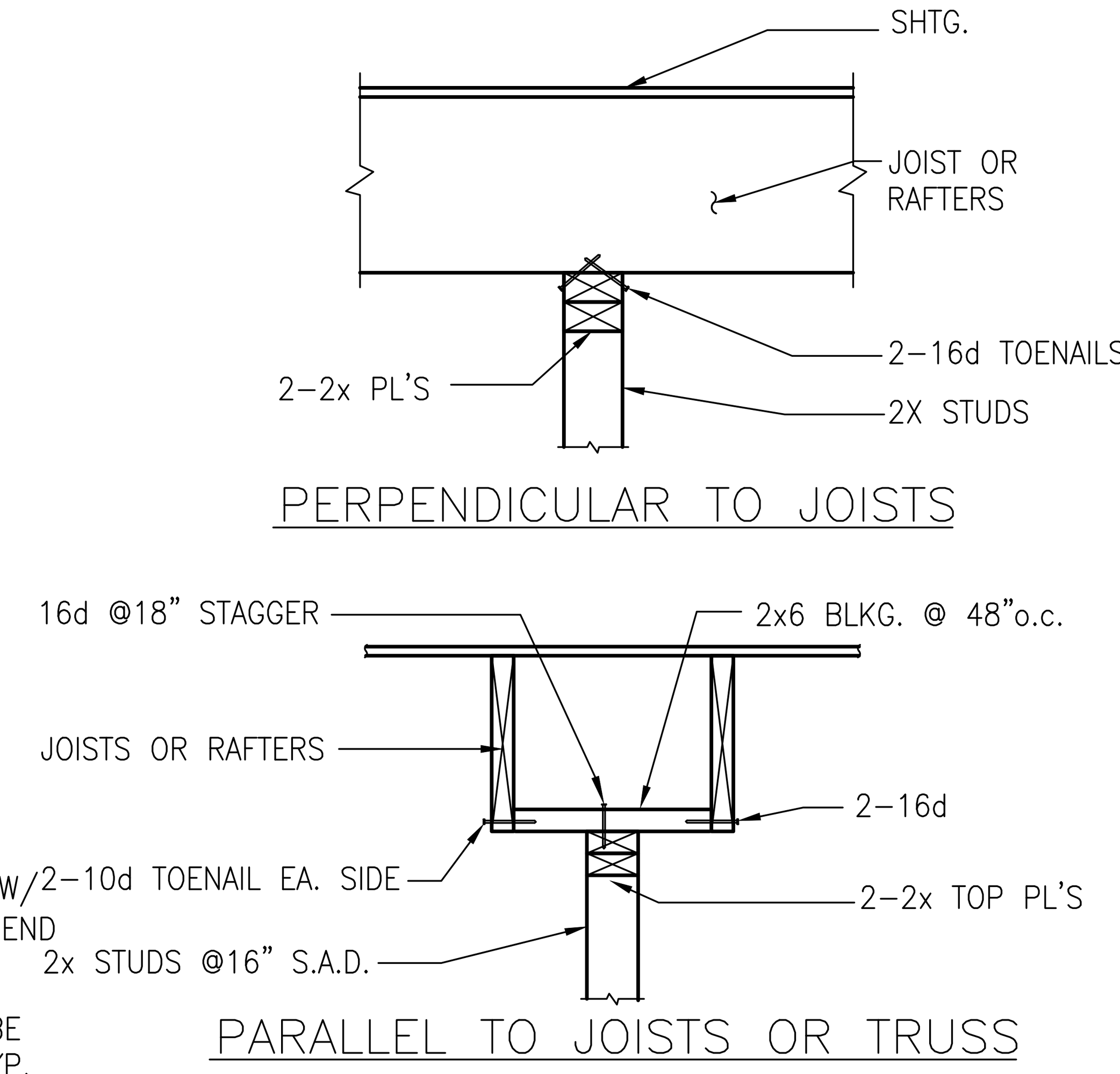
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 / 182819
DRAWN: FE	S6.0	WOOD TYPICAL DETAILS	PMIS/PKG NO. 303051
TECH. REVIEW: FK		–	SHEET 109 OF 200
DATE: 7-15-22		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	

N:\200203.00 SAMO Paramount Ranch\STRUC\S6.0 WOOD TYPICAL DETAILS.dwg @ 7/27/22 - 2:53pm

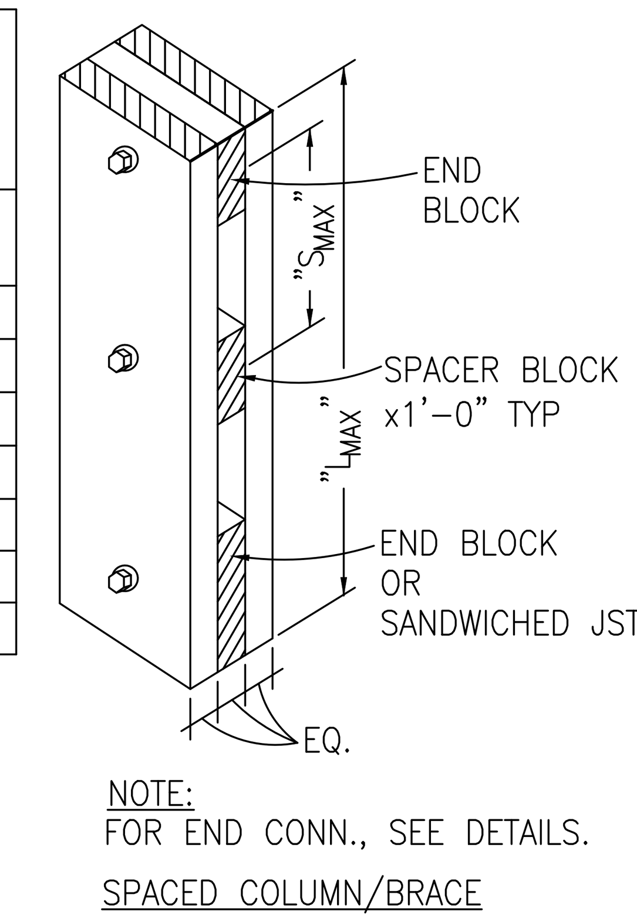


13/S6.1 DOUBLE TOP PLATE DETAILS
SCALE: N.T.S.



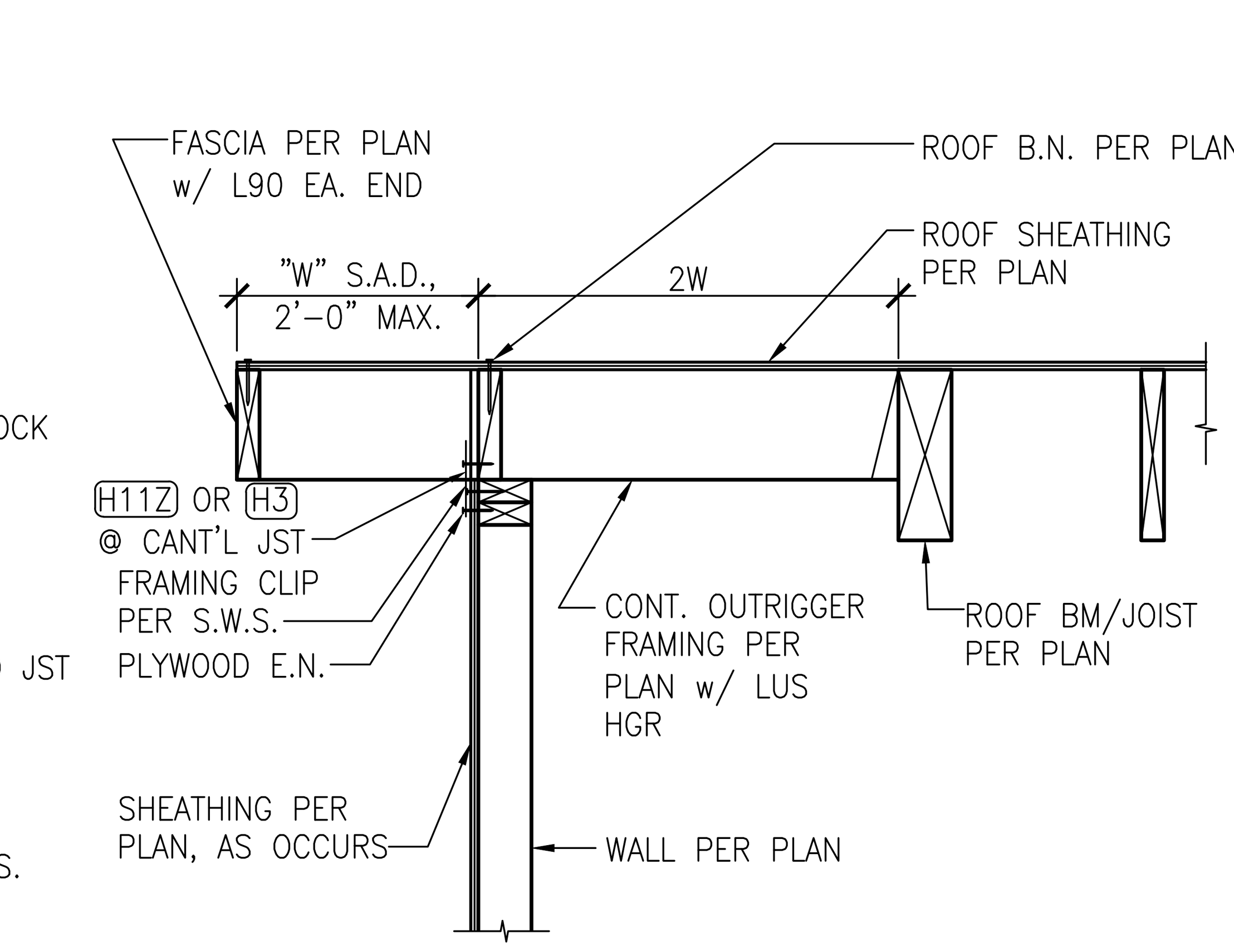
10/S6.1 NON-BEARING PARTITIONS
SCALE: E

TYPICAL SPACED COLUMN/BRACE SCHEDULE		
MINIMUM MEMBER	L_{MAX}	S_{MAX}
2x4 or 2x6	6'-3"	–
3x4 or 3x6	10'-4"	–
4x4 or 4x6	14'-6"	–
2-2x4	10'-0"	5'-0"
2-2x6	10'-0"	5'-0"
2-3x4	14'-6"	8'-4"
2-3x6	16'-8"	8'-4"

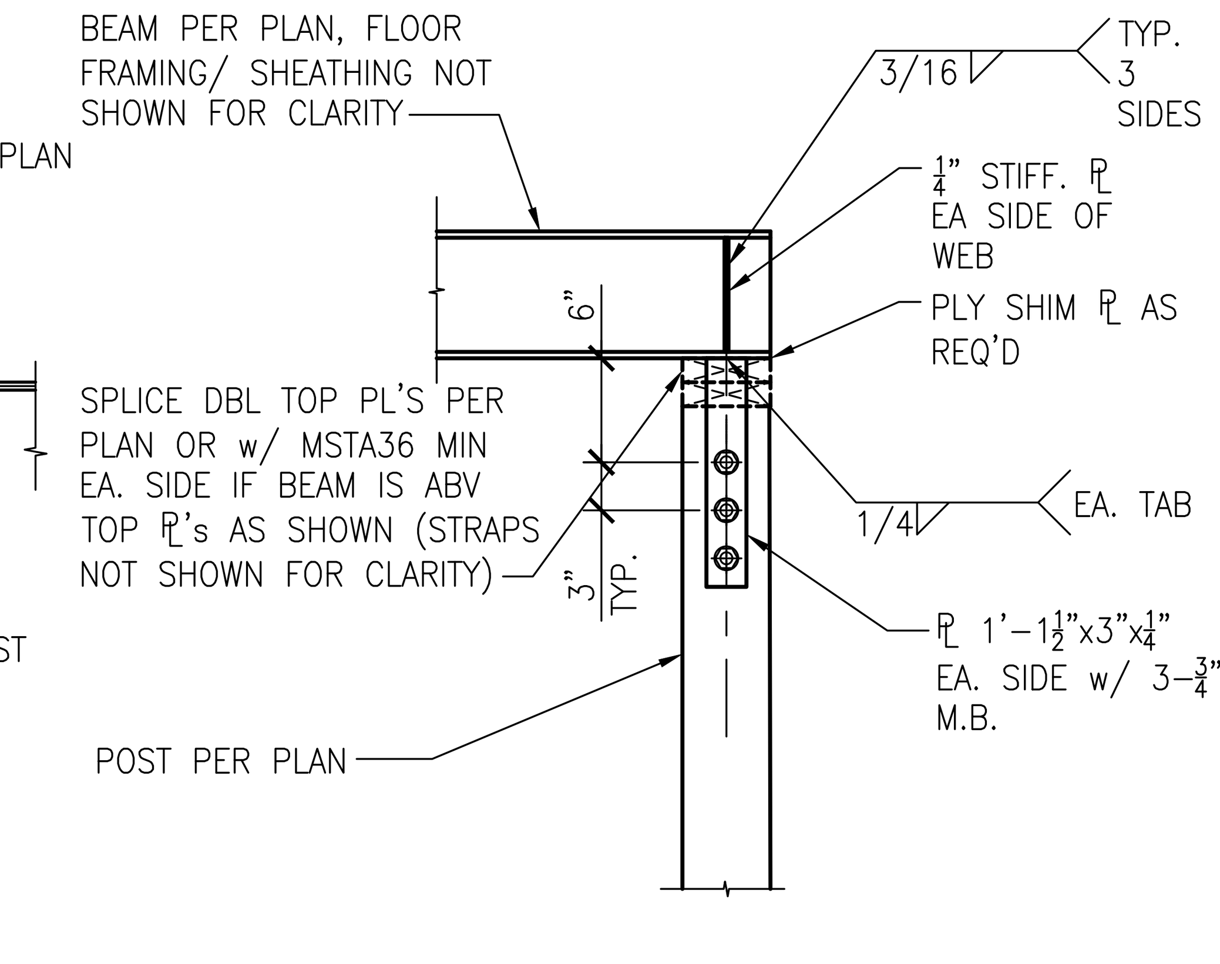


NOTE:
FOR END CONN., SEE DETAILS.
SPACED COLUMN/BRACE

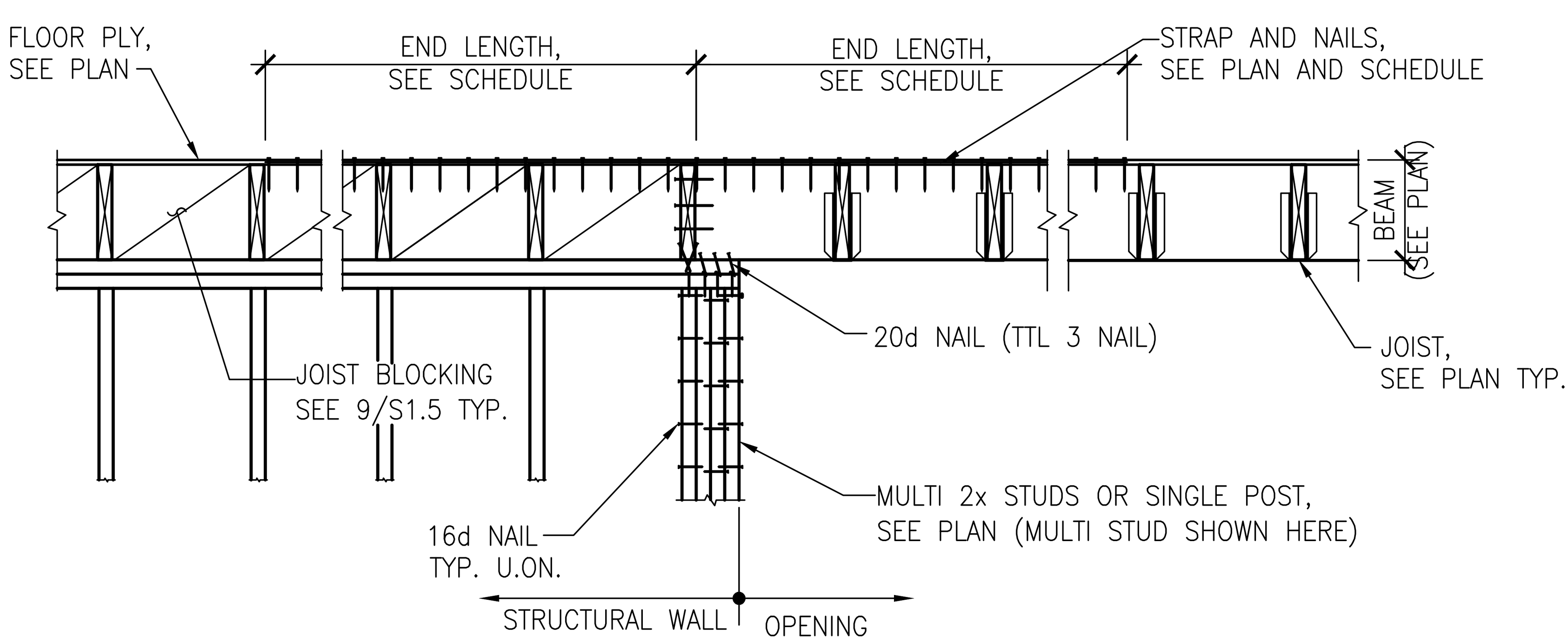
7/S6.1 TYPICAL SPACED COLUMNS/BRACES
SCALE:



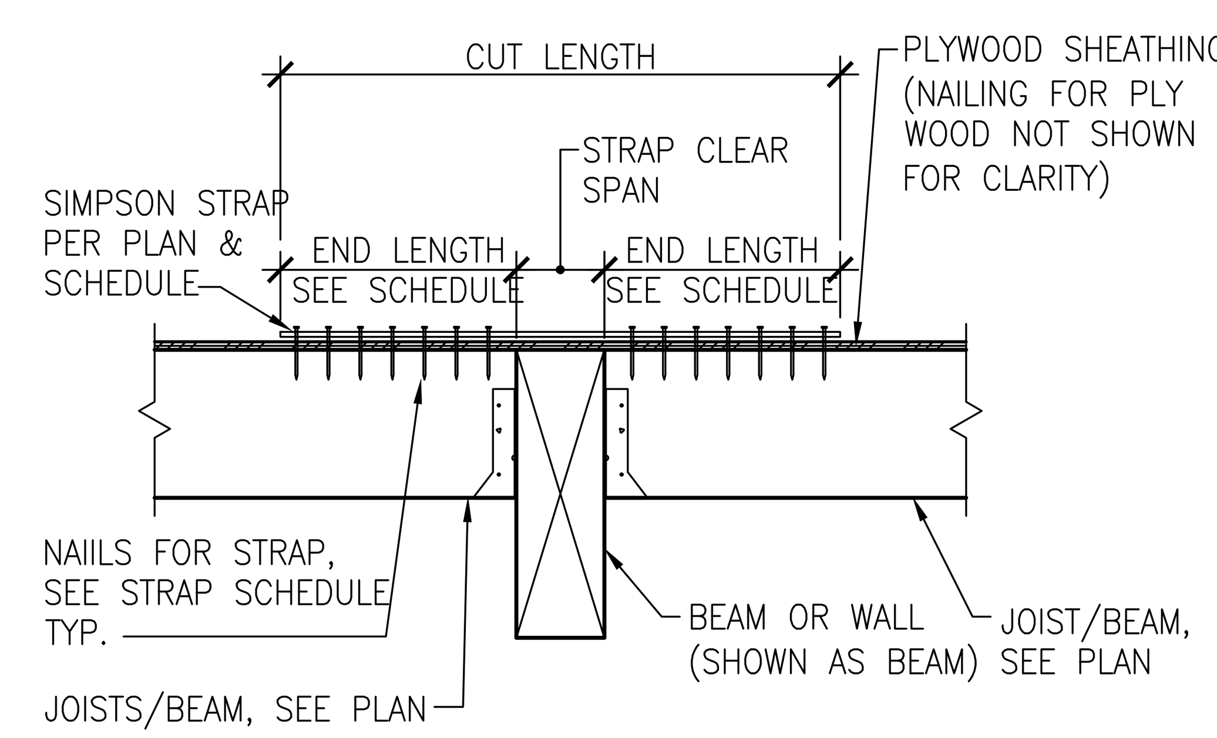
4/S6.1 FRAMING AT EXTERIOR WALL JOIST PARALLEL TO WALL
SCALE: E



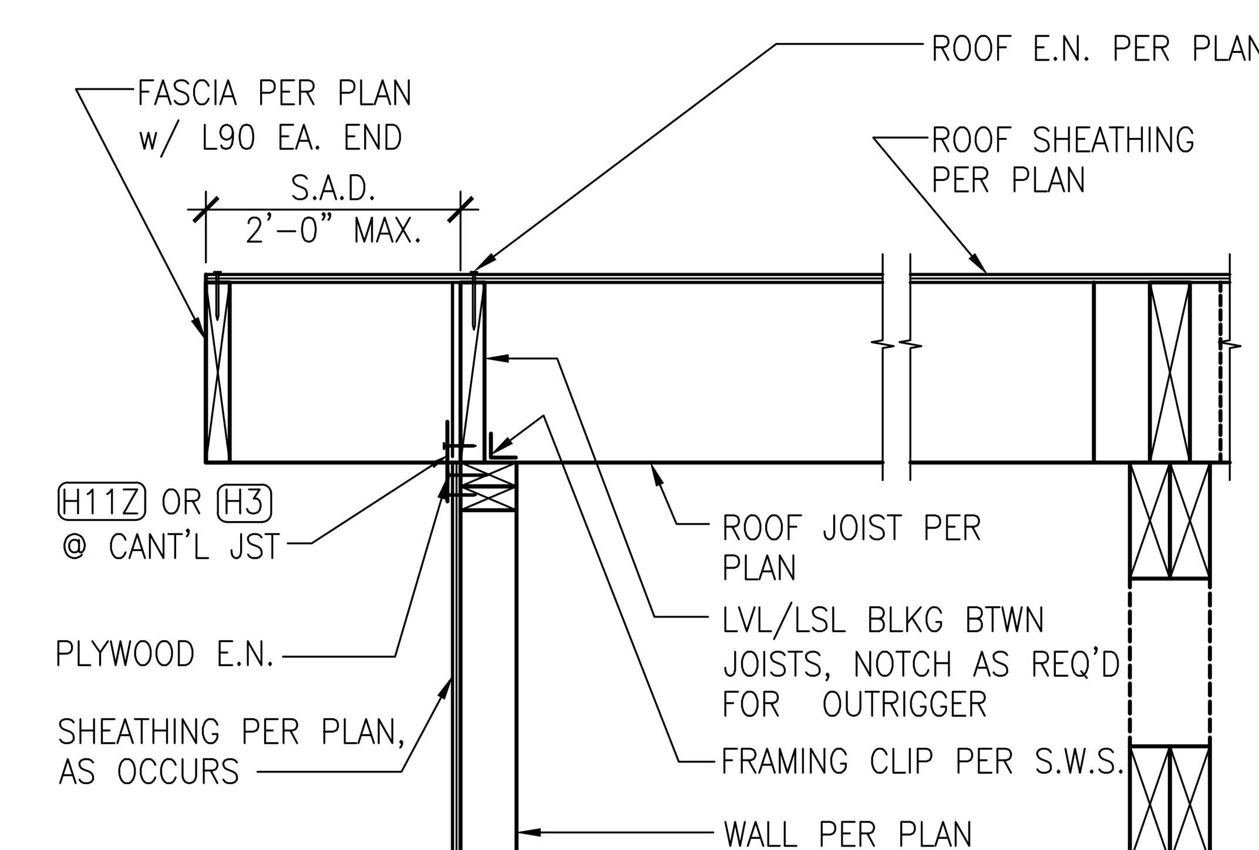
2/S6.1 STEEL BEAM TO WOOD POST
SCALE: E



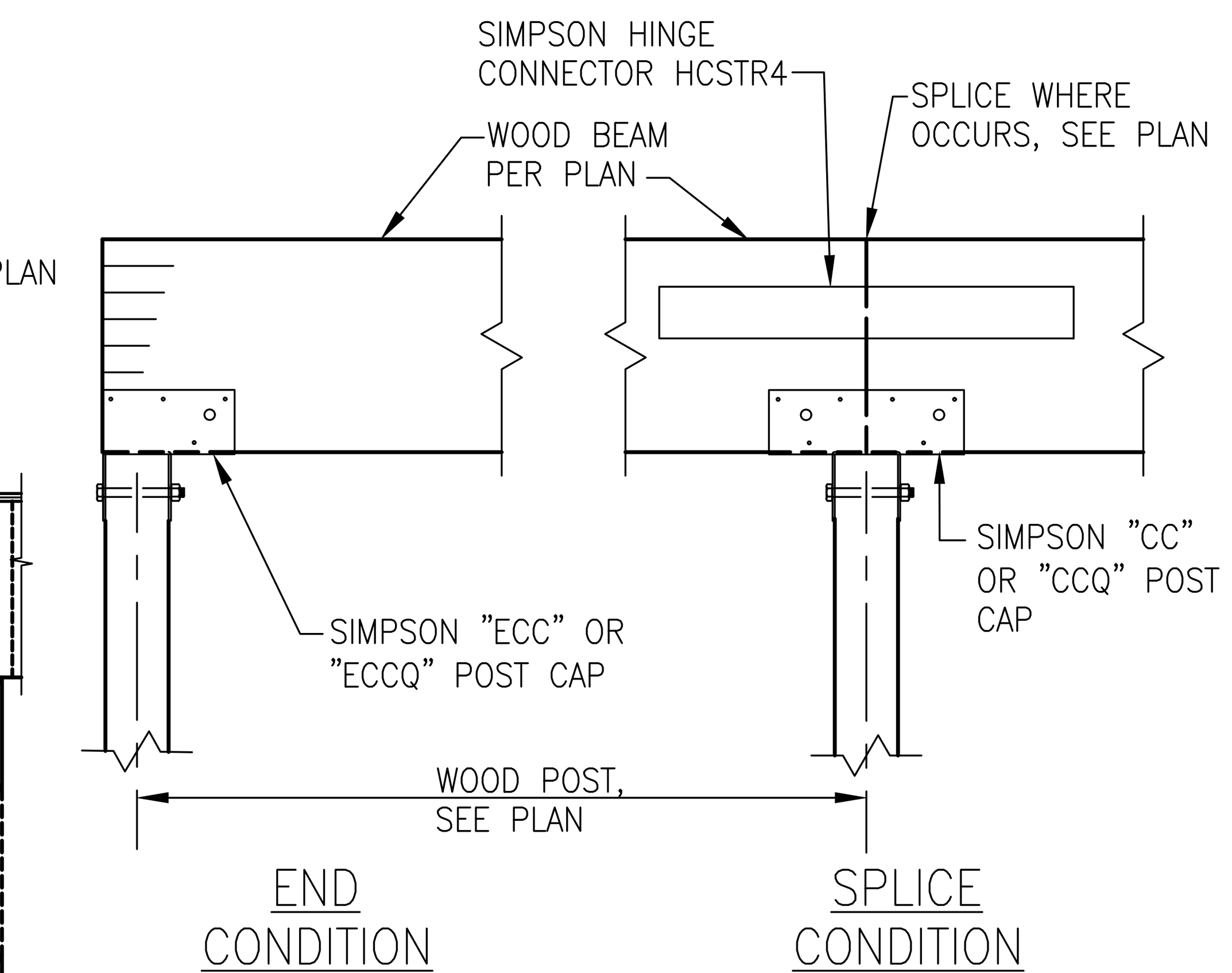
12/S6.1 TYPICAL TIE CONNECTION FOR HEADER ABOVE DOUBLE TOP PLATE
SCALE: F



6/S6.1 TYPICAL STRAP DETAIL
SCALE: E
N.T.S.

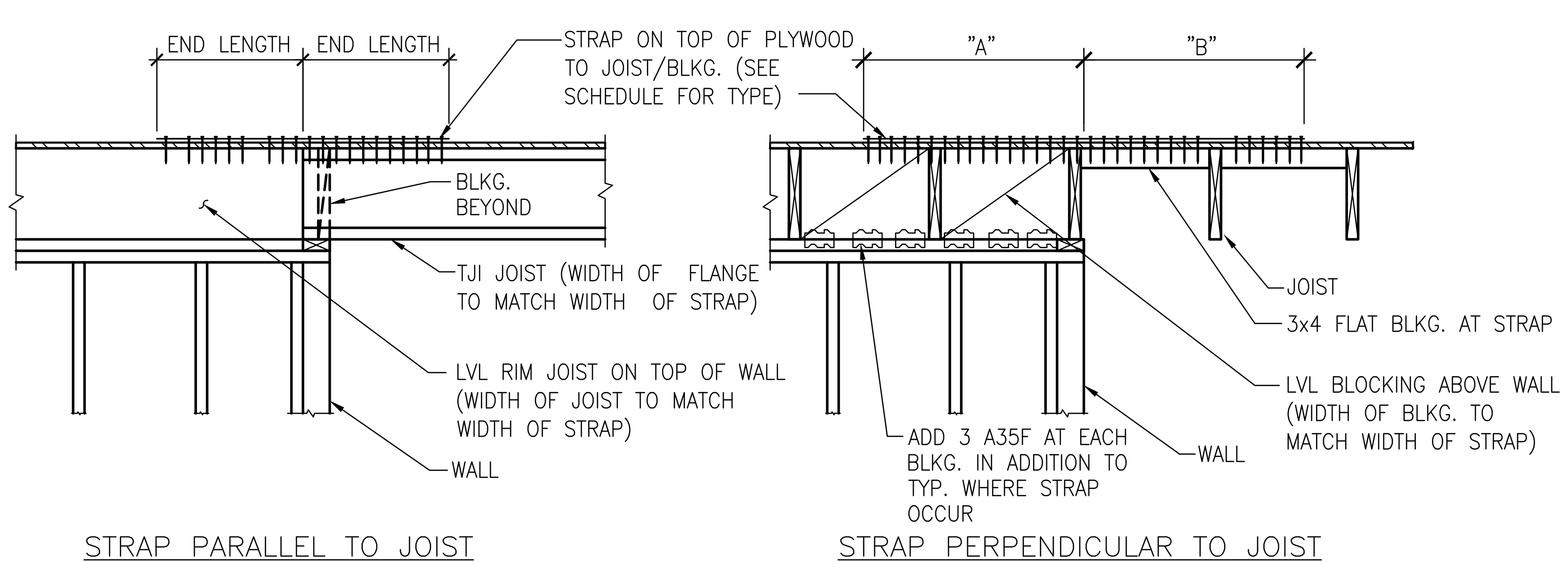


3/S6.1 FRAMING AT EXTERIOR WALL JOIST PERPENDICULAR TO WALL
SCALE: E

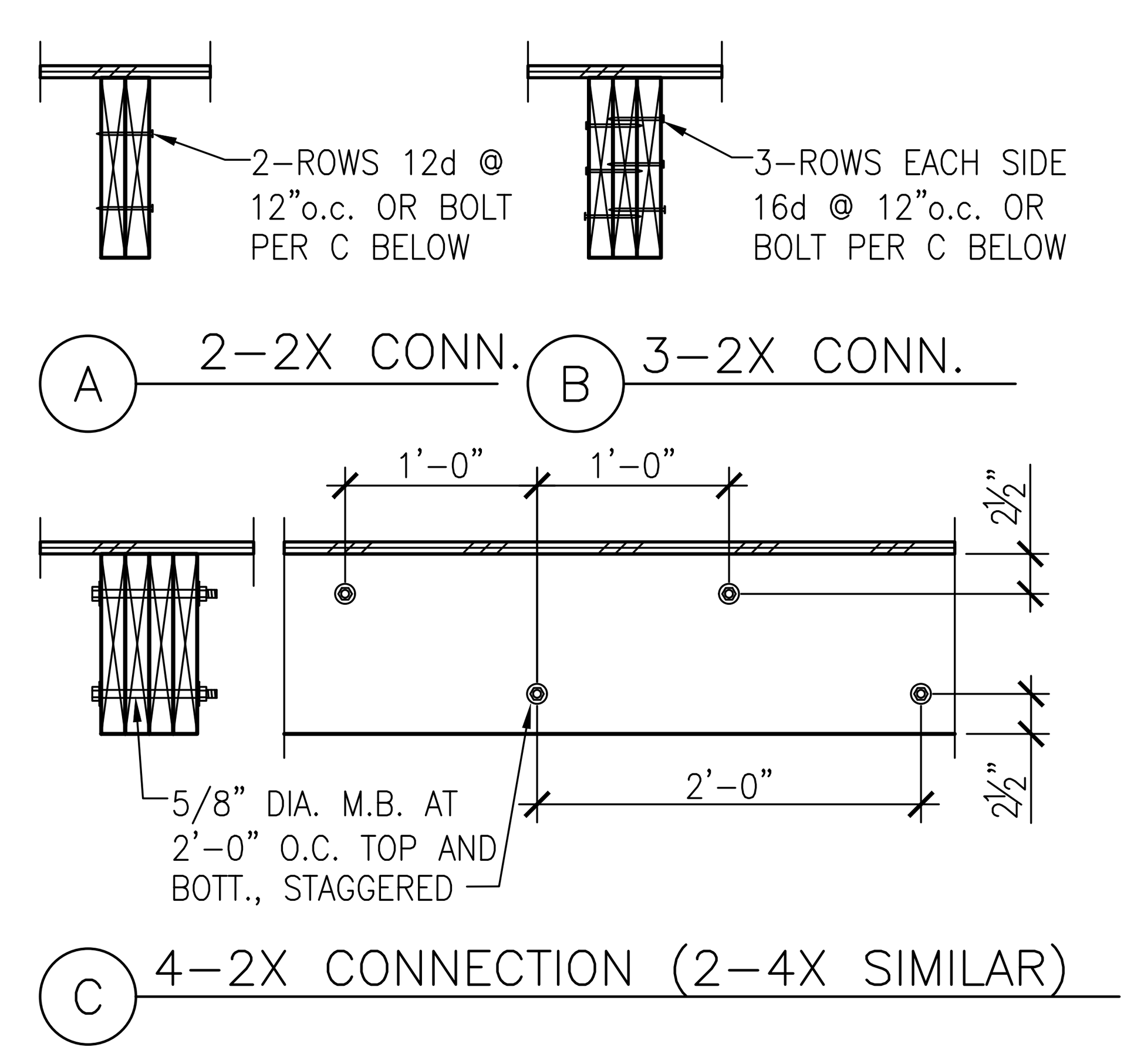


NOTE:
WHERE POST & BEAM CONNECTION EXPOSED, ARCH TO CONFIRM IF OCC OR CCPC CONNECTORS PREFERRED.

1/S6.1 WOOD BEAM TO WOOD POST
SCALE: E



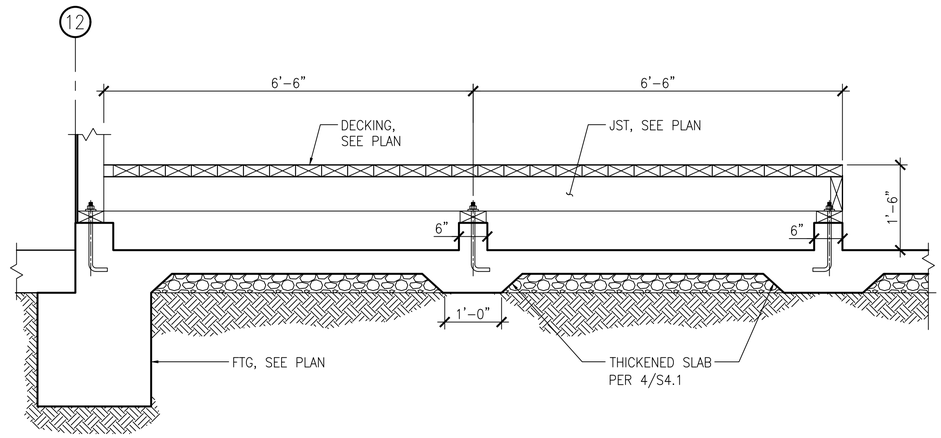
11/S6.1 DIAPHRAGM STRAP DETAIL & SCHEDULE
SCALE: F



5/S6.1 BUILT-UP BEAM CONNECTIONS
SCALE: E

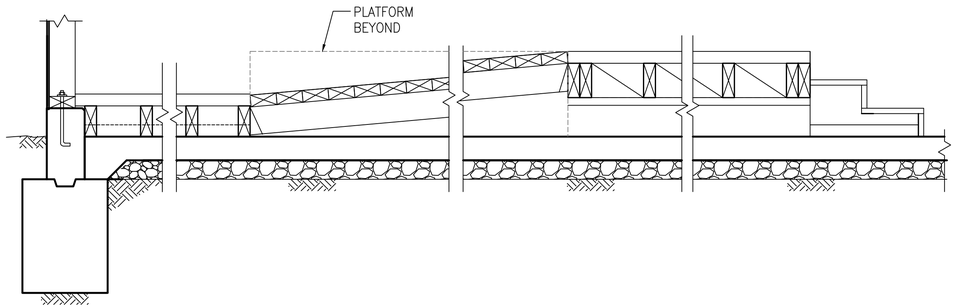
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 182819
CADD: FE	S6.1	WOOD TYPICAL DETAILS – –	PMIS/PKG NO. 303051
TECH. REVIEW: FK		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 110 OF 200
DATE: 7-15-22			

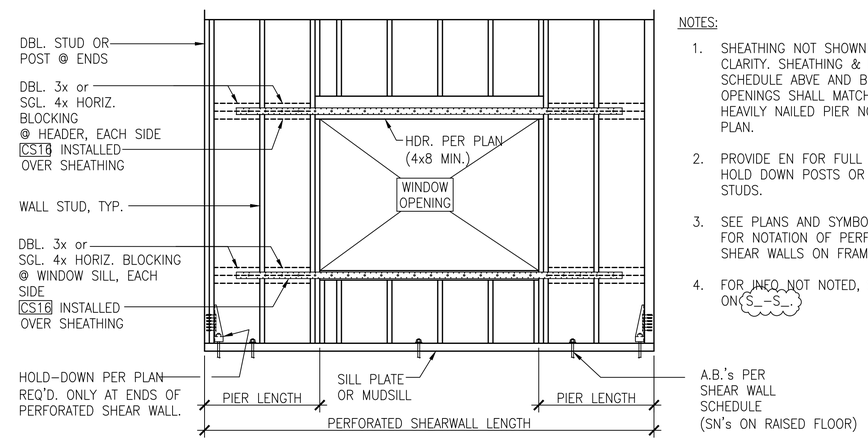


13 S6.2 RAISED PLATFORM SECTION
SCALE: (F)

NOTE: FOR INFO NOT SHOWN, SEE 13/–



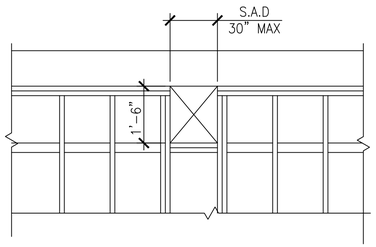
12 S6.2 RAISED PLATFORM SECTION
SCALE: (F)



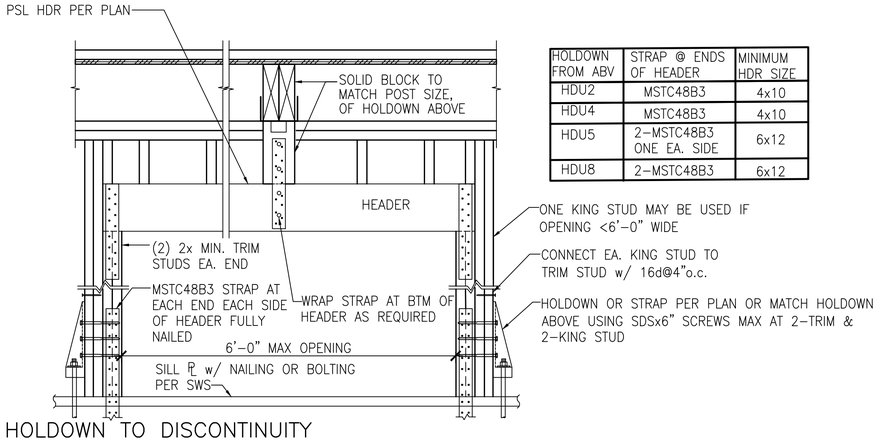
NOTES:

1. SHEATHING NOT SHOWN FOR CLARITY. SHEATHING & NAIL SCHEDULE ABVE AND BELOW OPENINGS SHALL MATCH MOST HEAVILY NAILED PIER NOTED ON PLAN.
2. PROVIDE EN FOR FULL HT. @ ALL HOLD DOWN POSTS OR DOUBLE STUDS.
3. SEE PLANS AND SYMBOLS LEGEND FOR NOTATION OF PERFORATED SHEAR WALLS ON FRAMING PLANS.
4. FOR INFO NOT NOTED, SEE DETAILS ON (S_–S_.)

PERFORATED SHEARWALL FRAMING REQUIREMENTS (FORCE TRANSFER AROUND OPENINGS)
11 S6.2 SCALE: ◯

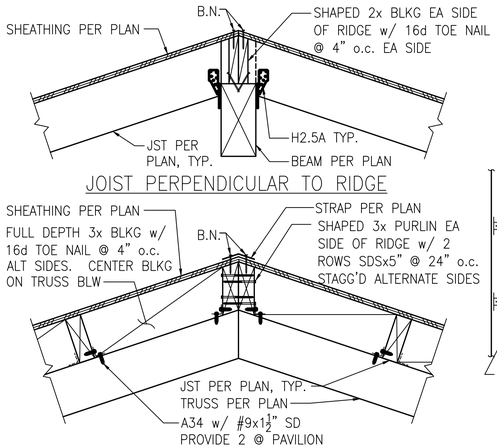


PERFORATED SHEARWALL FRAMING REQUIREMENTS (FORCE TRANSFER AROUND OPENINGS)
7 S6.2 SCALE: (G)

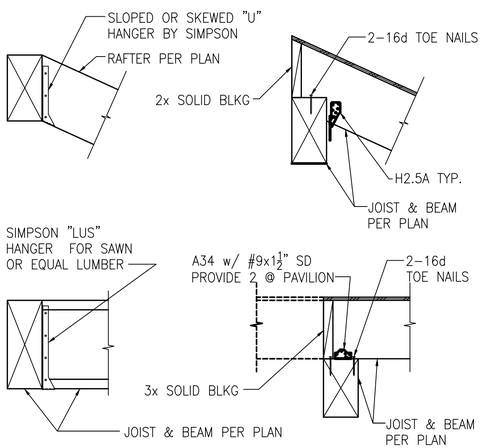


HOLDOWN FROM ABV	STRAP @ ENDS OF HEADER	MINIMUM HDR SIZE
HDU2	MSTC48B3	4x10
HDU4	MSTC48B3	4x10
HDU5	2–MSTC48B3 ONE EA. SIDE	6x12
HDU8	2–MSTC48B3	6x12

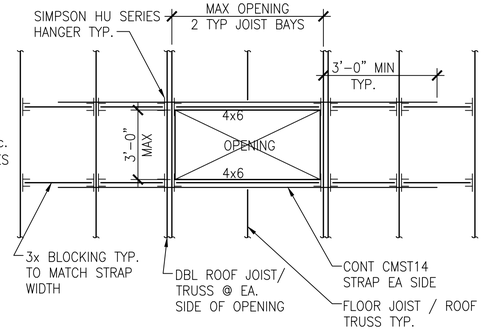
4 S6.2 HOLDOWN TO DISCONTINUITY
SCALE: ◯



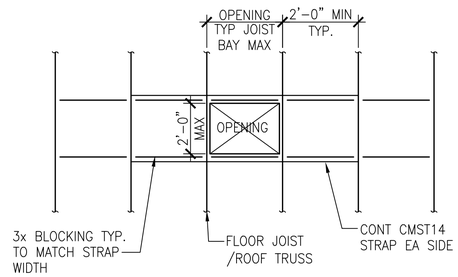
6 S6.2 TYP RIDGE CONNECTIONS
SCALE: ◯ NO SCALE



5 S6.2 TYP. JOIST TO BEAM CONNECTIONS
SCALE: ◯ NO SCALE



LARGE OPENING IN PLYWOOD DIAPHRAGM
3 S6.2 SCALE: (G)



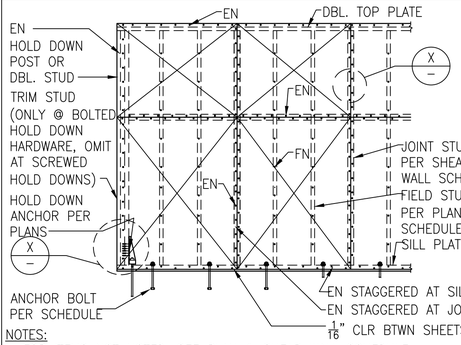
SMALL OPENING IN PLYWOOD DIAPHRAGM
1 S6.2 SCALE: (G)

SCALE (F) 1 0 1 2 3 SCALE OF FEET

SCALE (G) 2 0 2 4 SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

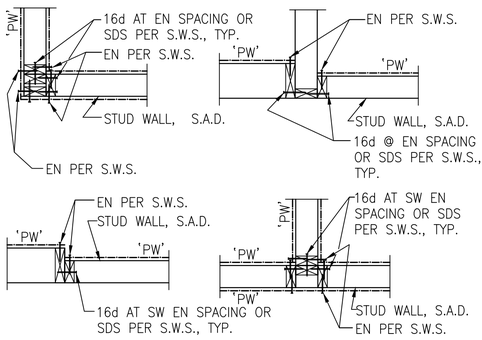
DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
SI	S6.2	WOOD TYPICAL DETAILS	638 182819
DRAFTED: FE			PMIS/PKG NO. 303051
TECH. REVIEW: FK			SHEET 111 OF 200
DATE: 7–15–22		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	



NOTES:
1. FOR ITEMS NOT NOTED, SEE PLAN & SHEAR WALL SCHEDULE.
2. PLYWOOD PANELS SHALL BE FULL SIZE (SILL TO DOUBLE TOP PLATE) WHERE POSSIBLE. PANEL SHEETS SHALL BE CUT FROM 4x8 (4x10 FOR PANELS TALLER THAN 8 FEET) SHEETS AND SHALL HAVE A MINIMUM WIDTH OF 16".
3. FIELD NAILING (FN) SHALL BE INSTALLED PER SHEAR WALL SCHEDULE.
4. PROVIDE 3x SOLID BLOCKING AT HORIZONTAL JOINTS (WHERE OCCURS).

TYPICAL SHEAR WALL FRAMING REQUIREMENTS

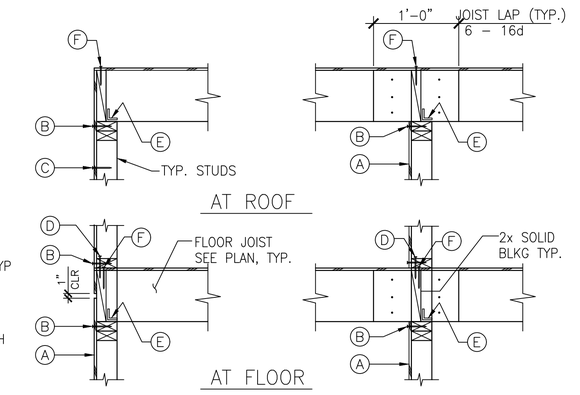
1/S6.3 SCALE: ○ NO SCALE

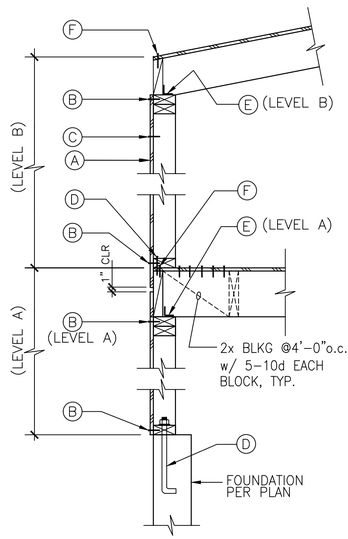


NOTE:
1. PROVIDE SOLID POST AT WALL INTERSECTION WHERE HOLDOWN OCCURS.
2. STUDS SHOWN w/ EN SHALL BE CONT FULL HEIGHT, FROM SOLE TO DBL TOP PLATE.
3. E.N. = EDGE NAIL PER PLAN, SEE SHEAR WALL SCHEDULE.
4. PW = PLYWOOD PER PLAN, SEE SHEAR WALL SCHEDULE.
5. S.W.S = SHEAR WALL SCHEDULE

SHEAR WALL CONSTRUCTION: PLAN VIEW

12/S6.3 SCALE: ○ NO SCALE





LEGEND:

- (A) STRUCTURAL PANEL SHEAR WALL, SEE PLAN FOR LOCATION AND TYPE.
- (B) STRUCTURAL PANEL EDGE NAILING AT PERIMETER OF EACH PLYWOOD SHEET.
- (C) STRUCTURAL PANEL FIELD NAILING IS TYPICAL ON ALL STUDS, EXCEPT FOR PLYWOOD EDGES.
- (D) SOLE (OR SILL AT FOUNDATION) PLATE ATTACHMENT.
- (E) SIMPSON FRAMING CLIP AT SHEAR WALLS, SEE SHEAR WALL SCHEDULE (SEE NOTE BELOW).
- (F) HORIZONTAL PLYWOOD EDGE NAILING PER PLAN.

NOTE:
ALL LEGENDS CORRESPOND TO SHEAR WALL SCHEDULE, S.W.S. SEE PLANS FOR SHEAR WALL TYPE.

SHEAR WALL SCHEDULE (1/2" STRUCTURAL 1 WOOD STRUCTURAL PANEL)									
MARK	PLYWOOD (A)	EDGE NAILING (B)	FRAMING AT PLYWOOD EDGES[2]	SILL PLATE CONNECTION (D)			BLKG/RIM TO TOP PL OF WALL (E)		
				TO CONCRETE[5]	TO WOOD[4]	TO LSL	A35	A35 w/ SPAX	LTP4
1	15/32" (340 PLF)	10d @ 6" o.c.	2x NOMINAL	5/8"ø A.B. @ 4'-0" o.c.	SDS @ 14" o.c.	SDS @ 12" o.c.	24" o.c.	14" o.c.	21" o.c.
2	15/32" (510 PLF)	10d @ 4" o.c.	3x NOMINAL	5/8"ø A.B. @ 3'-8" o.c.	SDS @ 9" o.c.	SDS @ 8" o.c.	16" o.c.	9" o.c.	14" o.c.
3	15/32" (665 PLF)	10d @ 3" o.c.	3x NOMINAL	5/8"ø A.B. @ 2'-10" o.c.	SDS @ 7" o.c.	SDS @ 6" o.c.	12" o.c.	7½" o.c.	10" o.c.
4	15/32" (870 PLF)	10d @ 2" o.c.	3x NOMINAL	5/8"ø A.B. @ 2'-2" o.c.	SDS @ 6" o.c.	2 ROWS SDS @ 10" o.c., STAGGERED	10" o.c.	5½" o.c.	8" o.c.
5	15/32" EA SIDE (1020 PLF)	10d @ 4" o.c.	3x NOMINAL	5/8"ø A.B. @ 1'-10" o.c.	SDS @ 5" o.c.	2 ROWS SDS @ 8" o.c., STAGGERED	8" o.c.	4½" o.c.	7" o.c.
6	15/32" EA SIDE (1330 PLF)	10d @ 3" o.c.	3x NOMINAL	5/8"ø A.B. @ 1'-5" o.c.	2 ROWS SDS @ 7" o.c., STAGGERED	2 ROWS SDS @ 6" o.c., STAGGERED	6" o.c.	3½" o.c.	5" o.c.
7	15/32" EA SIDE (1740 PLF)	10d @ 2" o.c.	3x NOMINAL	5/8"ø A.B. @ 1'-1" o.c.	2 ROWS SDS @ 5" o.c., STAGGERED	–	5" o.c.	3" o.c.	4" o.c.

LEGEND (SEE TYPICAL FRAMING DETAIL)

- (A) STRUCTURAL PANEL SHEAR WALL, SEE PLAN FOR LOCATION AND TYP.
- (B) STRUCTURAL PANEL EDGE NAILING AT PERIMETER OF EACH PLYWOOD SHEET.
- (C) STRUCTURAL PANEL FIELD NAILING IS TYPICAL ON ALL STUDS, EXCEPT FOR PLYWOOD EDGES.
- (D) SOLE (OR SILL AT FOUNDATION) PLATE ATTACHMENT.
- (E) SIMPSON FRAMING CLIP AT SHEAR WALLS, SEE SHEAR WALL SCHEDULE, WHERE CLIPS SPACING ARE LESS THAN 5" O.C., CLIPS ARE TO BE STAGGERED IN ALL BOTH SIDES OF THE WALL.

SHEARWALL NOTES:
1. ALL NEW EXTERIOR WALLS TO BE 1/2" 24/0 STRUCTURAL 1 PANEL SHEAR WALL TYPE (1), U.O.N.
2. PROVIDE 3x STUDS, PLATES AND BLOCKING AT ADJOINING PANEL EDGES FOR SHEAR WALLS TYPE (2) THRU (7). 2x SOLE PLATE IS OK AT UPPER FLOOR FOR ALL TYPES (2) THRU (4). SHEATHING APPLIED TO BOTH SIDES OF THE WALL SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS. 2-2x's MAY BE USED IN-LIEU OF 3x MEMBERS PROVIDED THEY ARE ATTACHED TOGETHER WITH 10d AT THE SHEARWALL EDGE NAIL SPACING OR SDSx4½" PER THE SHEARWALL SCHEDULE.
3. PROVIDE 1/8" HORIZONTAL OR VERTICAL GAP BETWEEN ADJOINING PANEL EDGES. PROVIDE 1/2" GAP BETWEEN EDGE OF PANEL AND ANY CONCRETE OR MASONRY SURFACES.
4. SDS SHALL BE 4-1/2" LONG AT 2X PLATES AND 6" LONG AT 3X PLATES. SCREWS SHALL HAVE 1/2" MIN EDGE DISTANCE. MULTIPLE ROWS SHALL BE SPACED 1" APART, AND ROWS SHALL BE STAGGERED. BLOCKING/RIM BELOW TYPES (1) THRU (5) SHALL BE 2X OR 1 1/2" LSL MIN. BLOCKING/RIM BELOW TYPES (6) & (7) SHALL BE 3X OR 3 1/2" LSL MIN.
5. SHEARWALLS FALLING OVER EXISTING FOUNDATION SHALL USE ALL THREAD RODS MATCHING THE SPECIFIED ANCHOR BOLT. SEE THE NOTE #11 AND THE EPOXY ANCHOR SECTION OF THE GENERAL NOTES.
6. STAGGER DOUBLE TOP PLATE NAILING TO ENGAGE EACH PLATE, TYPICAL.
7. ALL FIELD NAILING SHALL BE 10d @ 12" o.c.. ALL NAILS SPECIFIED SHALL BE COMMON NAILS. NAIL GUNS USING 'CLIPPED HEAD' OR 'SINKER NAILS' ARE NOT ACCEPTABLE.

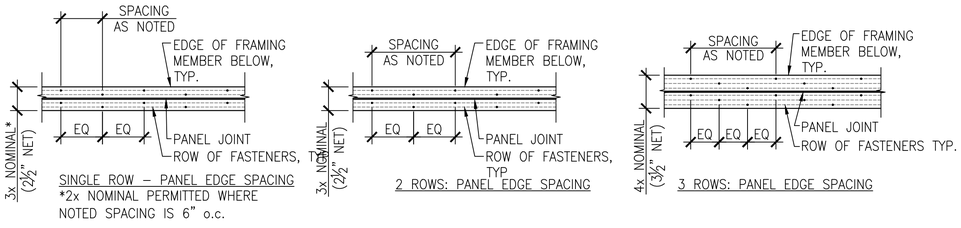
SHEARWALL NOTES (CONT'D):
8. FOUNDATION ANCHOR BOLTS IN ALL SHEAR WALLS SHALL HAVE 3"x3"x0.229 BEARING PLATES UNDER EACH NUT. THE EDGE OF THE WASHER SHALL NOT BE FURTHER THAN 1/2" FROM THE SHEATHED FACE. AT 2x6 WALLS WITH SHEATHING IN EACH FACE, ANCHOR BOLTS SHALL BE STAGGERED AS REQUIRED. NUTS SHALL BE TIGHTENED JUST PRIOR TO CLOSING WALL FRAMING.
9. BOLT HOLES DRILLED IN SOLE PLATES SHALL BE NO LARGER THAN 1/16" DIAMETER OF THE BOLT.
10. SILL PLATES IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED DOUGLAS FIR #2, SIZE PER THE SCHEDULE ABOVE. USE GALVANIZED ANCHOR BOLTS AND NAILS IN ALL PRESSURE TREATED WOOD.
11. MINIMUM ANCHOR BOLT AND EPOXIED ALL-THREAD ROD EMBEDMENT INTO CONCRETE SHALL BE 7" MINIMUM, U.O.N. ANCHORS SHALL HAVE 1-3/4 MINIMUM DISTANCE TO EITHER EDGE OF THE CONCRETE, AND 9-1/2" MINIMUM DISTANCE TO THE END OR CORNER OF THE FOUNDATION.
12. ALL PLYWOOD PANEL EDGES SHALL BE BLOCKED WITH MINIMUM 2x BLOCKING, U.O.N. IN THE SCHEDULE ABOVE.
13. PROVIDE 3/8" MIN EDGE DISTANCES FOR ALL SHEATHING AND FRAMING MEMBER EDGE NAILING.
14. STUCCO AND/OR EXTERIOR VENEER OVER A WOOD SHEATHING SHEARWALL SHALL BE WATERPROOFED WITH A MINIMUM OF 2 LAYERS OF FELT PAPER.
15. THE SHEAR WALL LENGTH NOTED ON THE FLOOR PLANS INDICATES THE MINIMUM REQUIRED LENGTH REQUIRED BY ENGINEERING DESIGN. THE ACTUAL WALL LENGTH MAY EXCEED THIS LENGTH. PLEASE NOTIFY ENGINEER IF WALL LENGTH IS SHORTER THAN NOTED.
16. NAILS ARE TO BE DRIVEN FLUSH TO THE SHEATHING. ADD 1 NEW NAIL FOR EVERY 2 OVERDRIVEN NAILS IF MORE THAN 20% OF NAILS ARE 1/16" OVERDRIVEN OR IF ANY NAILS ARE 1/8" OVERDRIVEN. IF SPLITTING CONDITION OCCURS, USE STAPLES. IF ADDING NAILS WILL DECREASE SPACING TO 3" O.C. OR LESS, ADD ANOTHER STUD TO RECEIVE END NAILING FOR EACH PLYWOOD EDGE AND CONNECT STUDS WITH 10d @ 6" O.C.
17. WALL TYPES (2) THRU (7) REQUIRE PERIODIC SPECIAL INSPECTION OF HOLDOWN, SILL PLATE ANCHOR, SHEATHING AND FASTENER INSTALLATION.
18. AT SINGLE SIDED SHEAR WALLS, THE SHEATHING MAY BE APPLIED TO EITHER SIDE SO LONG AS THE MINIMUM SHEATHED LENGTH AS INDICATED ON THE PLAN IS MAINTAINED. COORDINATE PANEL PLACEMENT WITH THE ARCHITECT.

SHEAR WALL SCHEDULE (S.W.S.)

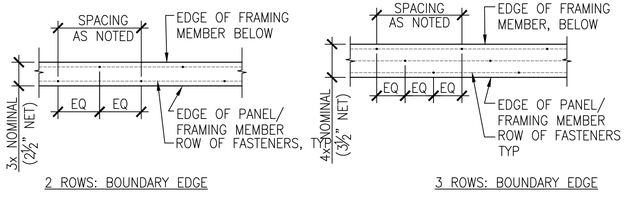
3/S6.3 SCALE: ○ NO SCALE

TYPICAL FRAMING DETAILS (RECTANGULAR SAWN OR ENGINEERED LUMBER)

9/S6.3 SCALE: ○ NO SCALE

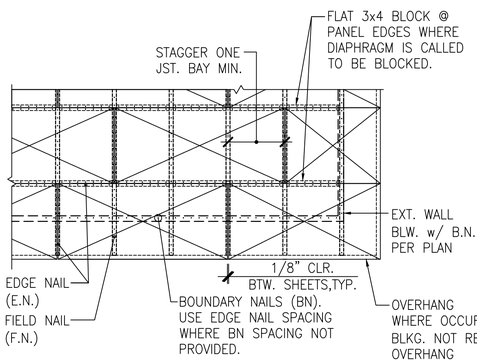


NOTES:
1. CENTERLINE OF FASTENERS TO EDGE OF FRAMING MEMBER & BETWEEN LINES OF FASTENERS IS ⅜" MIN TYP.
2. PANEL JOINTS TO BE CENTERED ON FRAMING MEMBER. PROVIDE ⅛" JOINT BETWEEN PANELS.
3. STAGGER FASTENERS WHERE SPECIFIED SPACING IS 3" o.c. OR LESS,



SHEAR WALL & ROOF/FLOOR DIAPHRAGM EDGE NAILING DETAIL

11/S6.3 SCALE: ○ NO SCALE



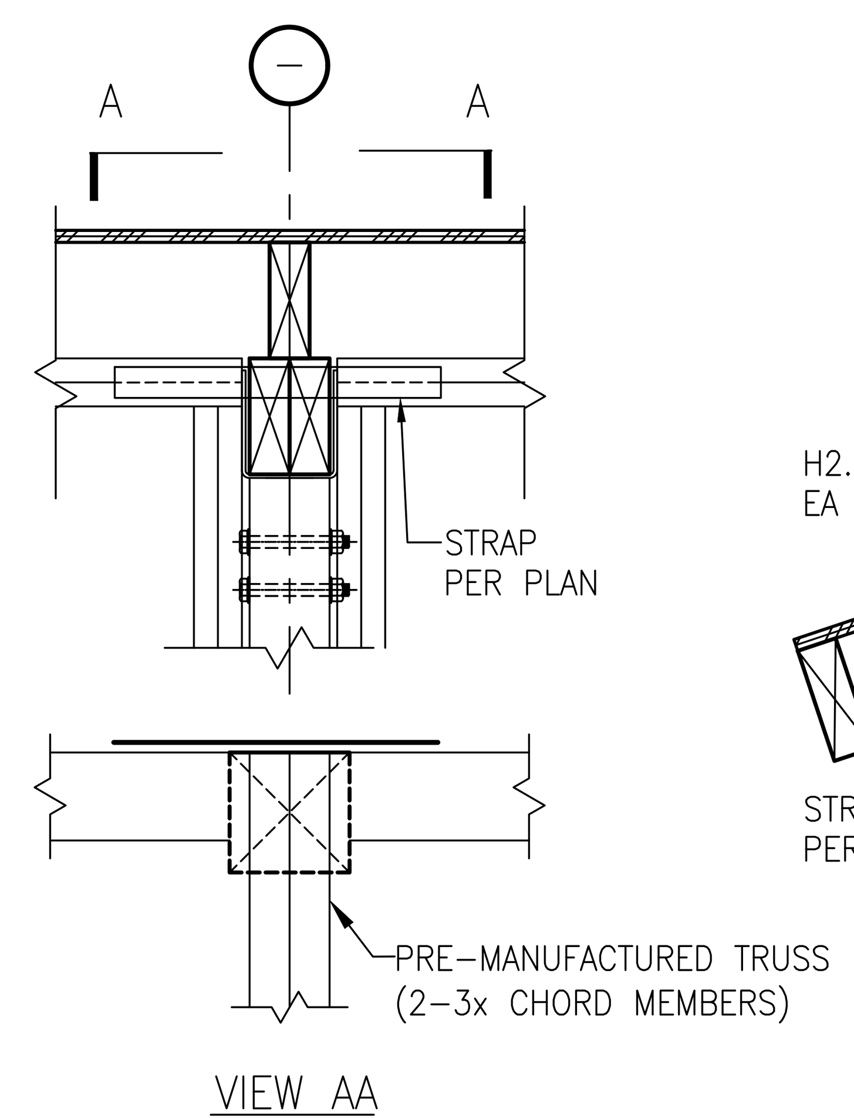
NOTES:
1. 4'x PLYWOOD SHEETS, RIPPED TO LAND OVER JST. SUPPORT AS REQ'D STAGGERED. USE FULL SHEETS WHEREVER POSSIBLE. MINIMUM PANEL SPAN 2 BAYS. WHERE NECESSARY TO TRIM SHEETS, MIN WIDTH TO BE 2'-0" FOR HORIZONTAL DIAPHRAGMS, PLACE LONG DIMENSION OF SHEET PERPENDICULAR TO JOISTS.
2. ORIENT PLYWOOD WITH FACE GRAIN PERPENDICULAR TO FRAMING MEMBERS.
3. SEE PLANS FOR PLYWOOD NAILING REQUIREMENTS.

ROOF DIAPHRAGM PLYWOOD PLAN

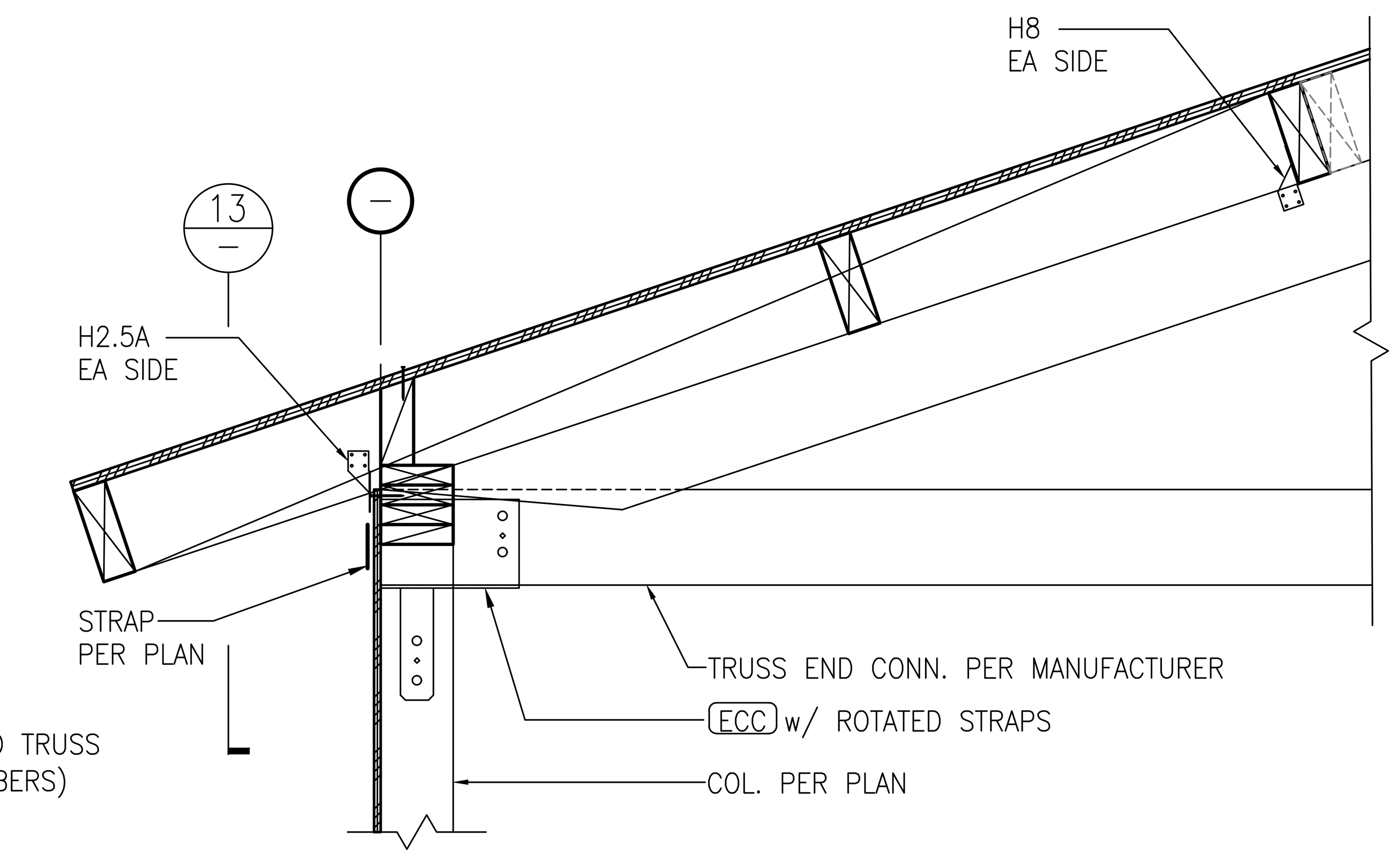
5/S6.3 SCALE: ○ NO SCALE

100% FINAL CONSTRUCTION DOCUMENTS

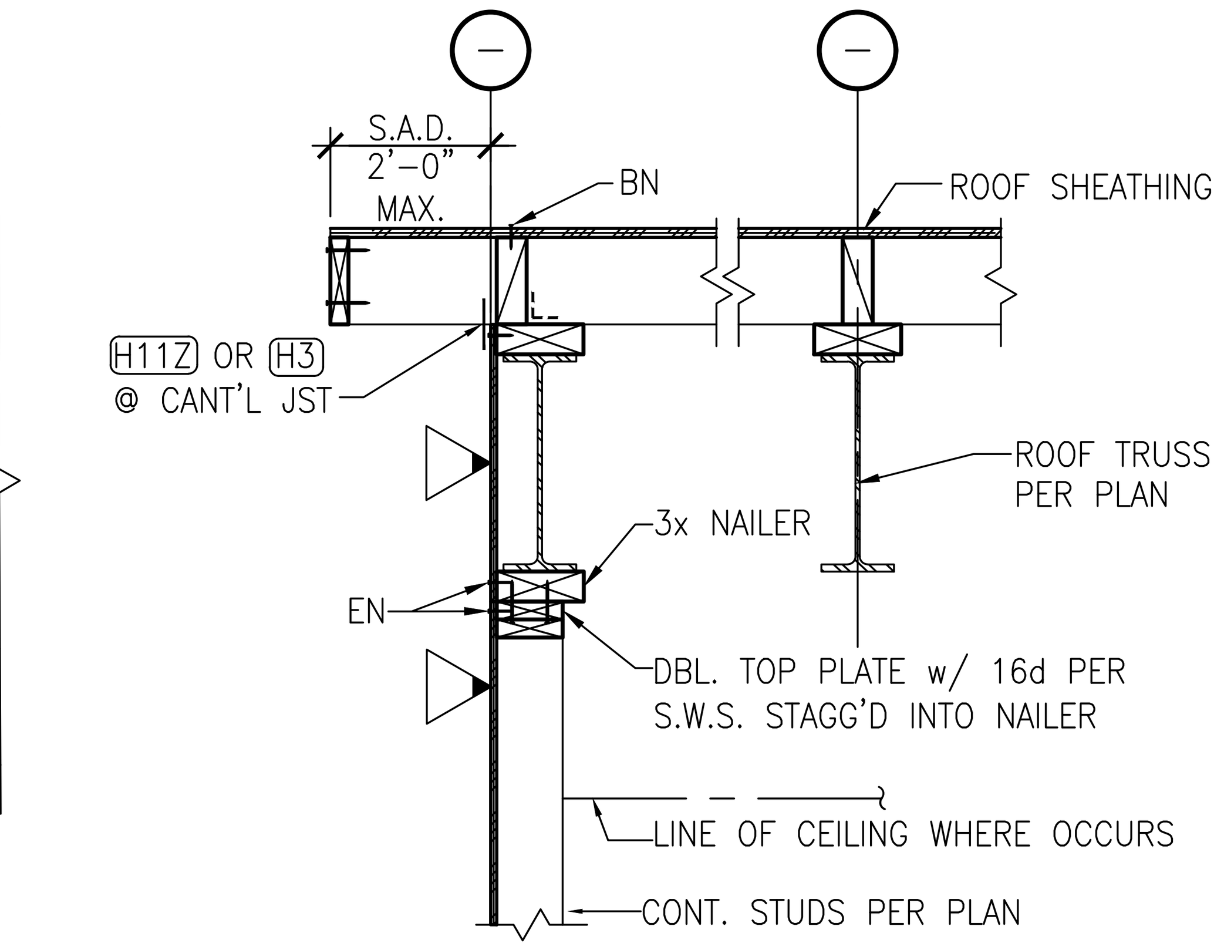
DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
SI	S6.3	WOOD TYPICAL DETAILS – –	638 182819
CADD: FE			PMIS/PKG NO. 303051
TECH. REVIEW: FK		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 112 OF 200
DATE: 7-15-22			



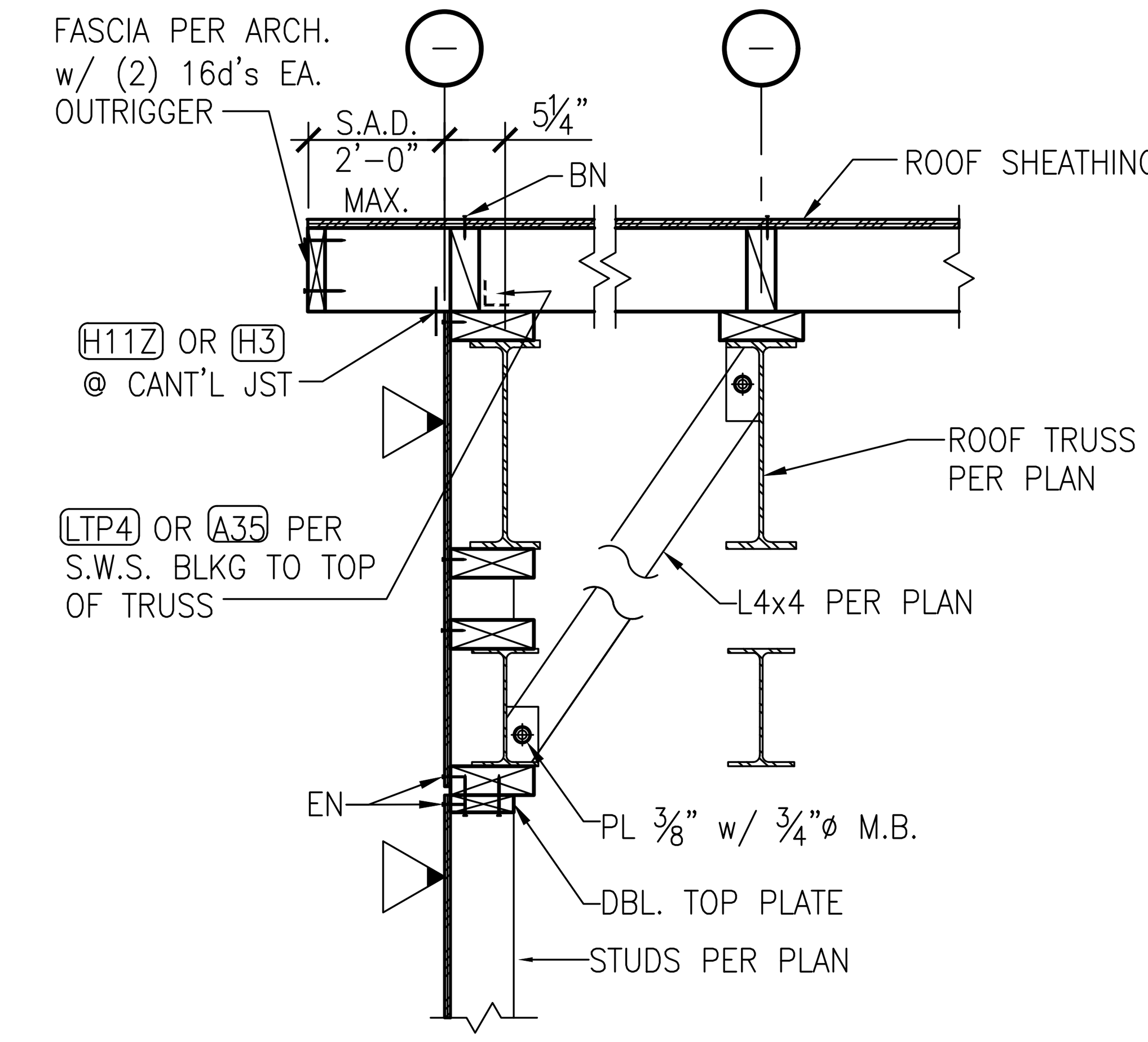
SMALL EVENT TRUSS TO COL. CONN.
13 / S6.4 SCALE: E



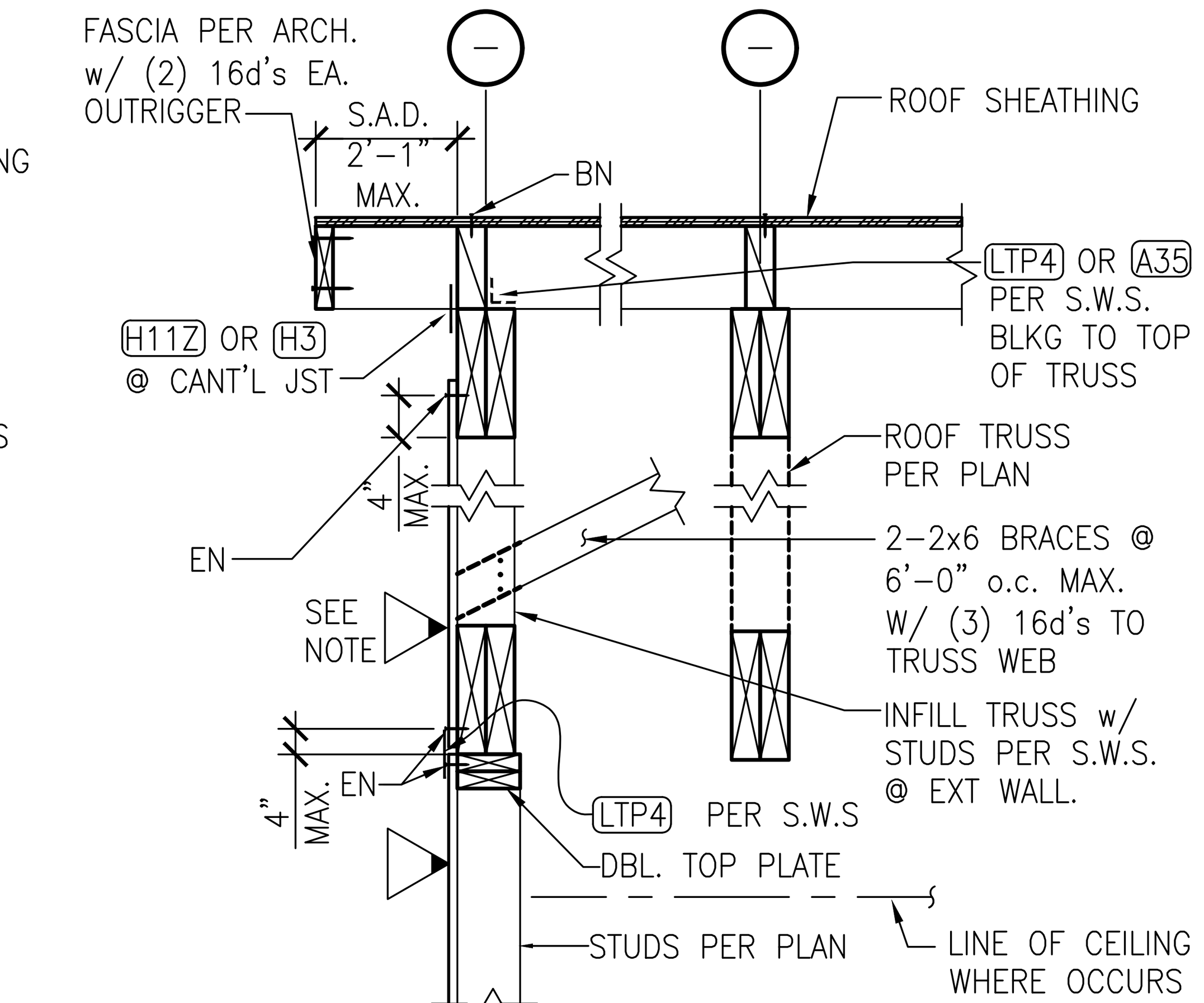
SMALL EVENT TRUSS TO COLUMN CONNECTION
10 / S6.4 SCALE: E



BARN GABLE END TRUSS o/ SHEAR WALL TRUSSES PARALLEL TO WALL
7 / S6.4 SCALE: F

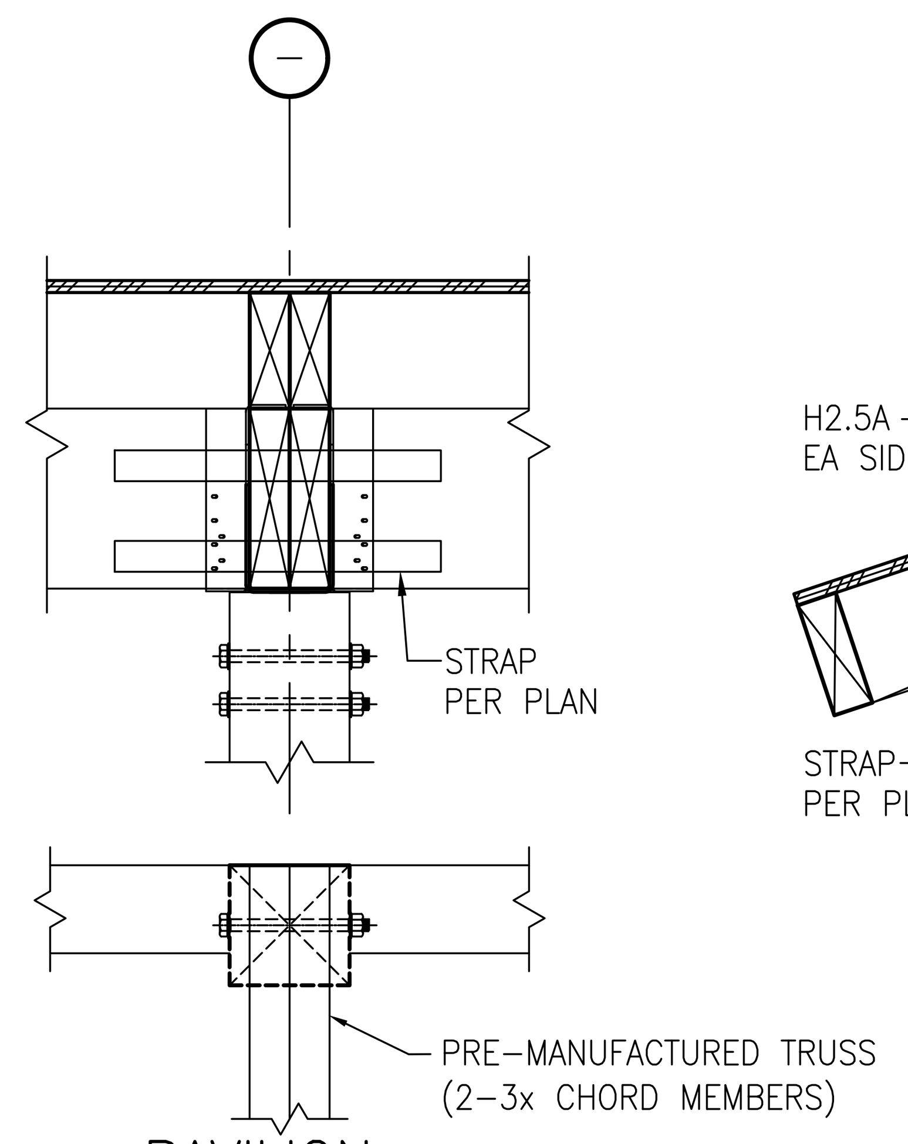


BARN GABLE END TRUSS o/ SHEAR WALL TRUSSES PARALLEL TO WALL
4 / S6.4 SCALE: F

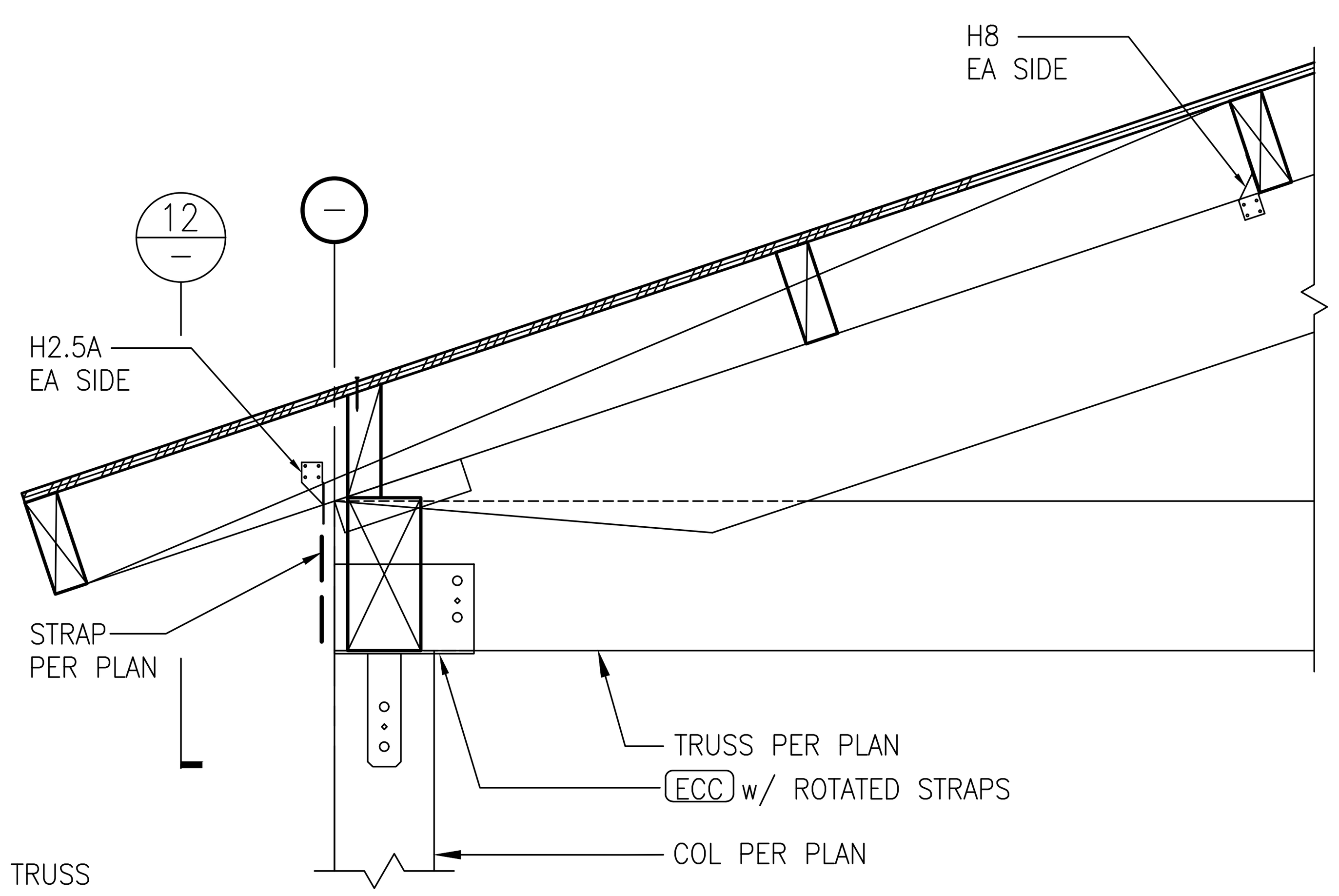


NOTE:
MATCH SHEATHING OF WALL BELOW.

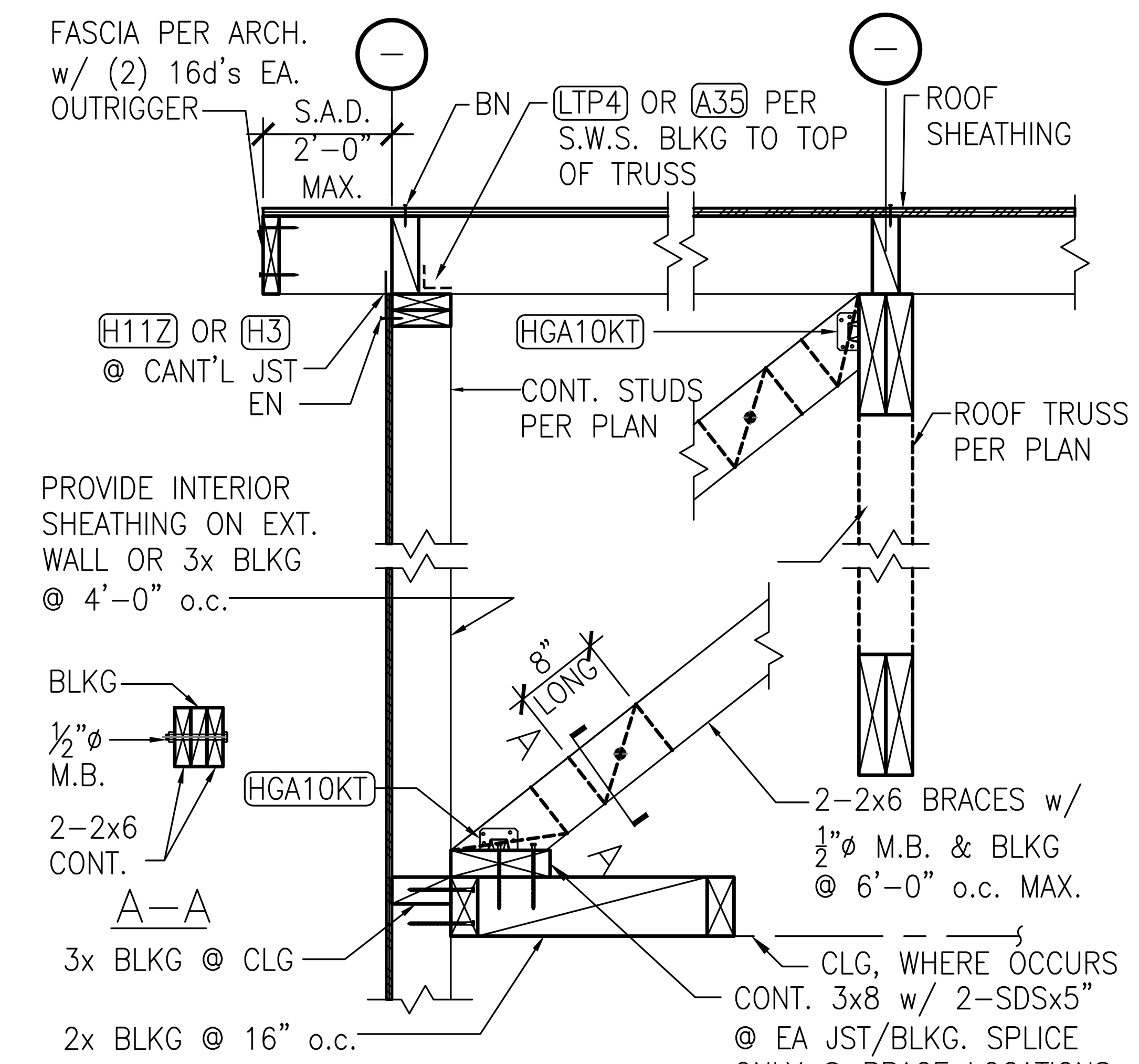
GABLE END TRUSS o/ SHEAR WALL TRUSSES PARALLEL TO WALL
2 / S6.4 SCALE: F



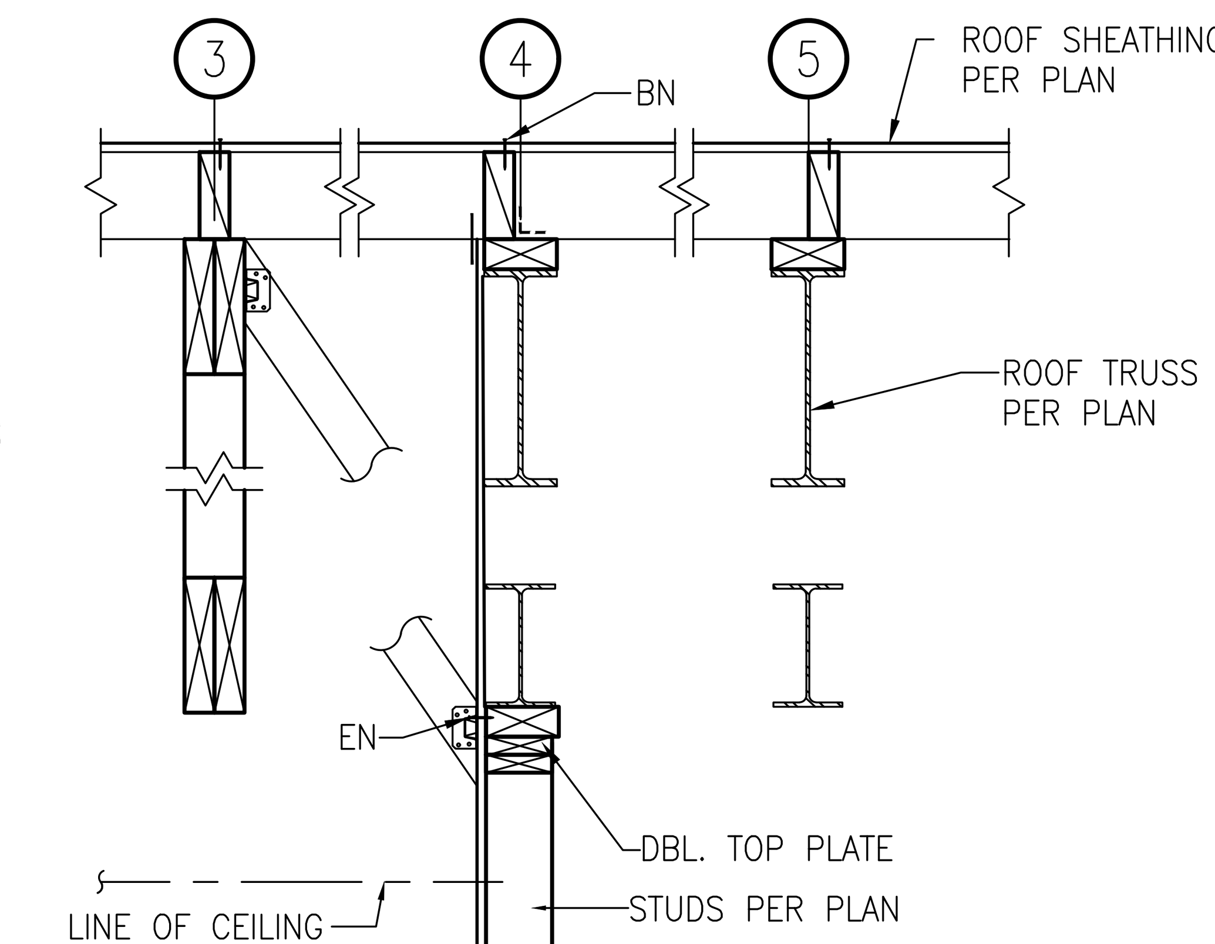
PAVILION TRUSS TO COL. CONN.
12 / S6.4 SCALE: E



PAVILION TRUSS TO COLUMN CONNECTION
9 / S6.4 SCALE: E

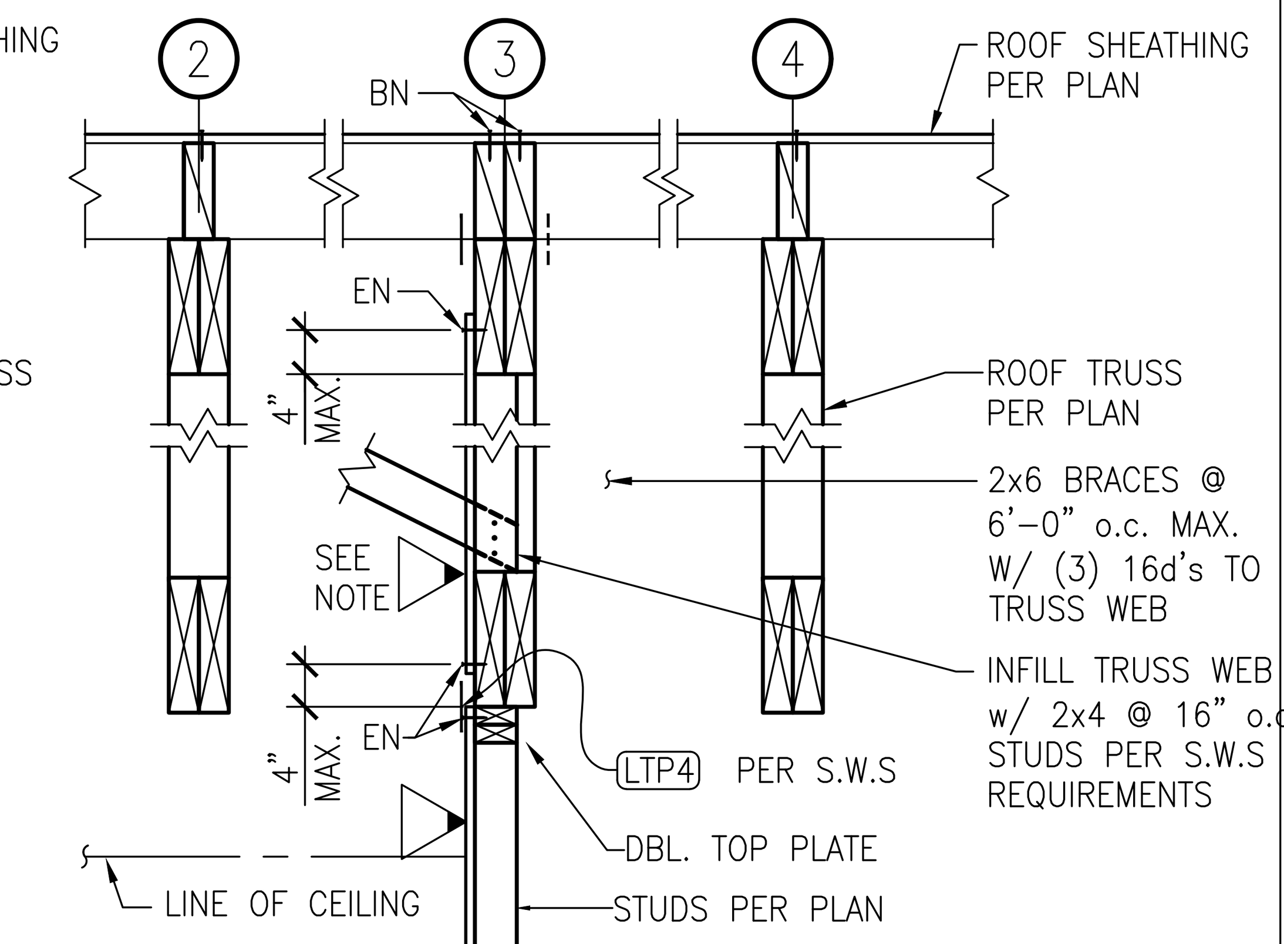


GABLE END TRUSS o/ SHEAR WALL TRUSSES PARALLEL TO WALL
6 / S6.4 SCALE: F



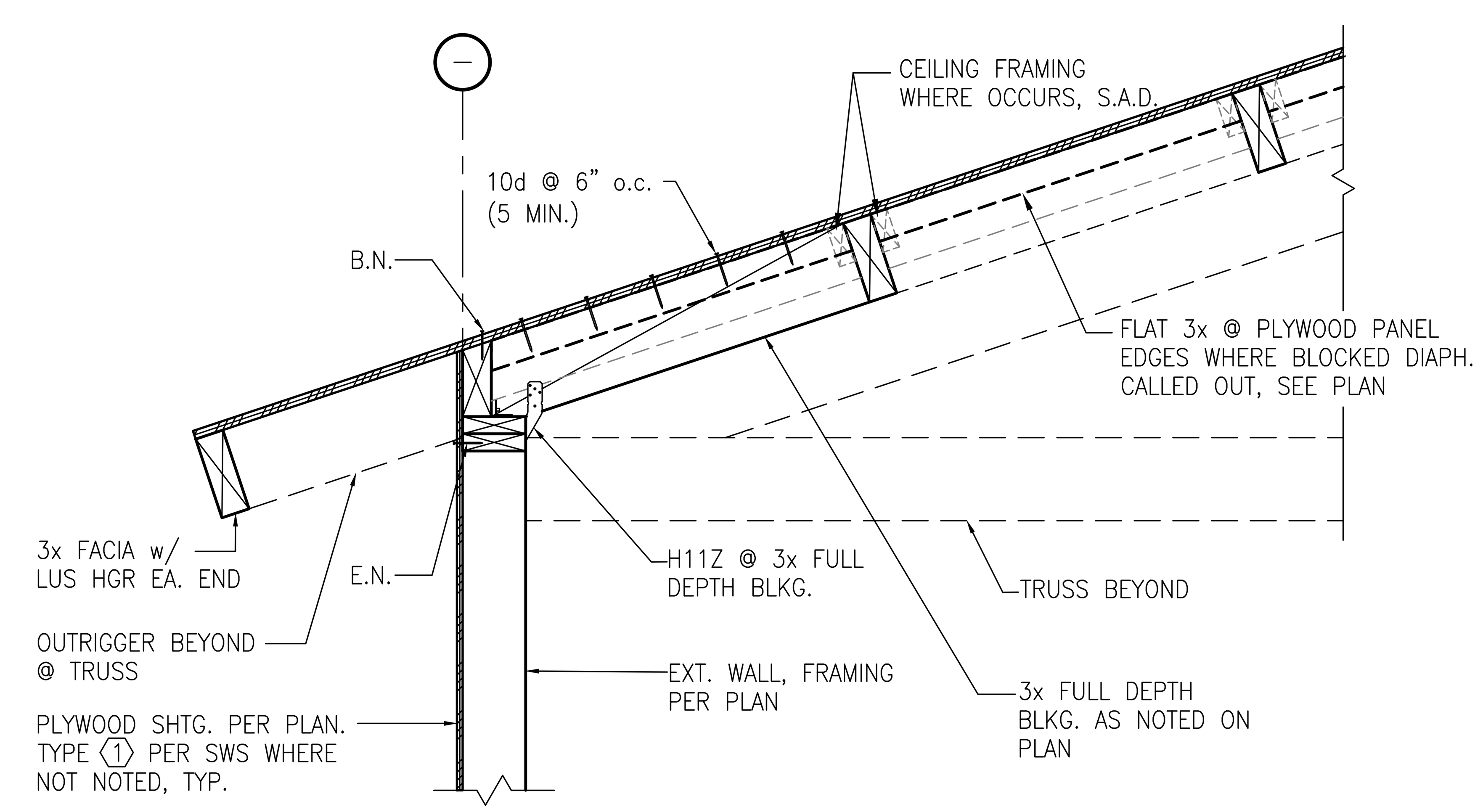
NOTE:
MATCH SHEATHING OF WALL BELOW.

BARN – INTERIOR TRUSS OVER SHEAR WALL TRUSSES PARALLEL TO WALL
3 / S6.4 SCALE: F

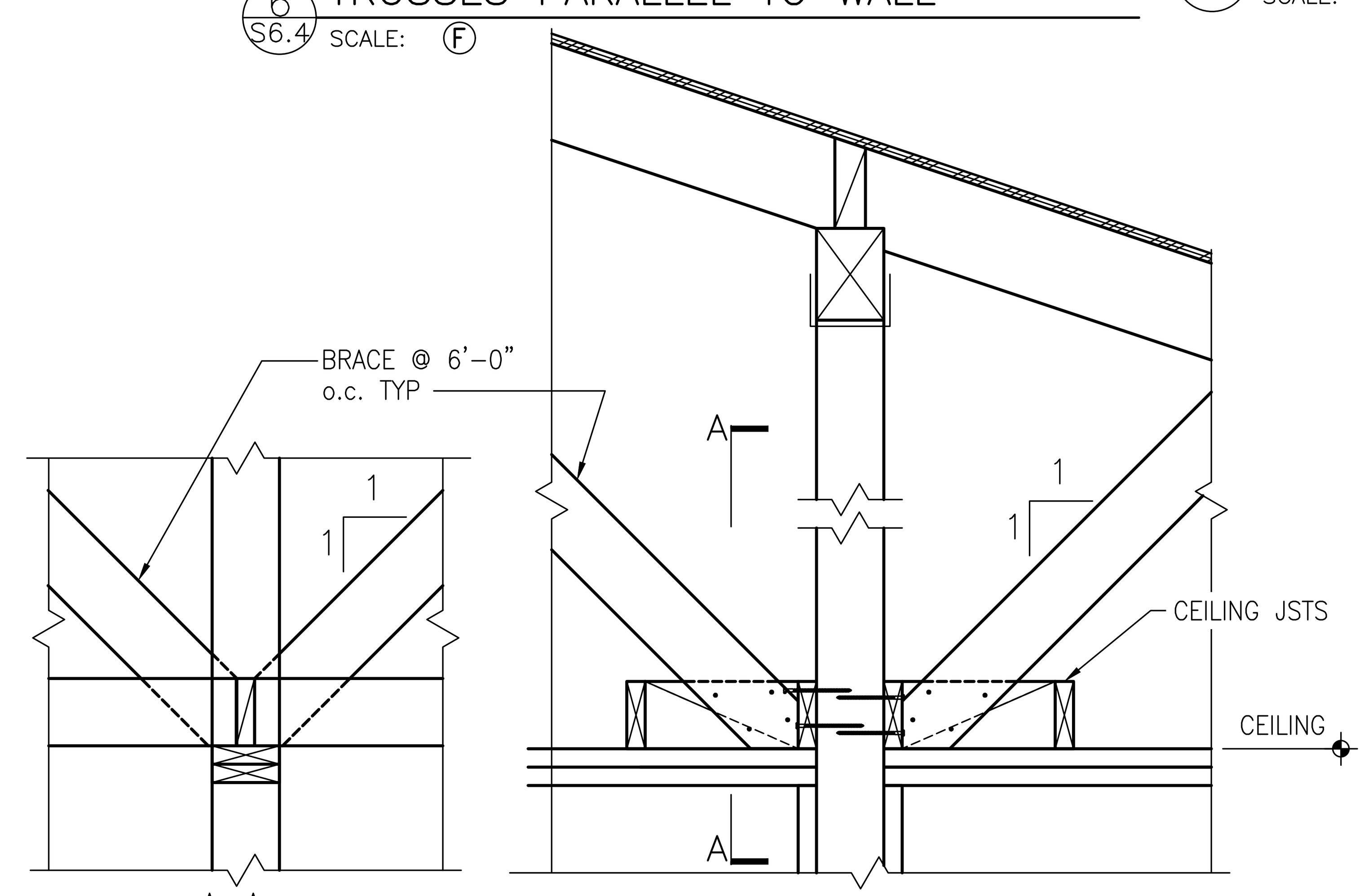


NOTE:
MATCH SHEATHING OF WALL BELOW.

INTERIOR TRUSS OVER SHEAR WALL TRUSSES PARALLEL TO WALL
1 / S6.4 SCALE: F

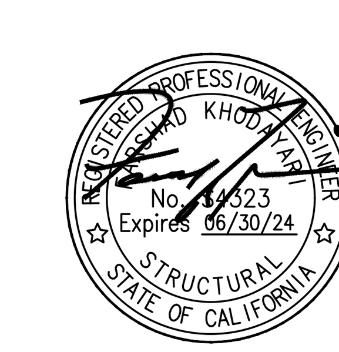


TYPICAL WALL OUT-OF-PLANE ANCHORAGE PARALLEL TO JOIST
11 / S6.4 SCALE: E



RESTROOM BUILDING-BRACE AT POST TYPICAL DETAIL
5 / S6.4 SCALE: E

SCALE F 1 0 1 2 3
SCALE OF FEET



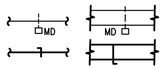
100% FINAL CONSTRUCTION DOCUMENTS			
DESIGNED: SI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 182819
CADD FE	S6.4	WOOD TYPICAL DETAILS	PMIS/PKG NO. 303051
TECH. REVIEW: FK		–	SHEET
DATE: 7-15-22		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	113 OF 200

MECHANICAL SYMBOL LIST

Abbreviations

AD	ACCESS DOOR
BDD	BACKDRAFT DAMPER
BHP	BRAKE HORSEPOWER
CD	CEILING DIFFUSER
CONT.	CONTINUATION
D	DROP
DIA	DIAMETER
EA	EXHAUST AIR
EF	EXHAUST FAN
ELECT	ELECTRICAL
EXH	EXHAUST
FT	FEET
HP	HORSEPOWER
ID	INSIDE DIAMETER
IN	INCHES
KW	KILOWATT
LBS.	POUNDS
MIN	MINIMUM
N/A	NOT APPLICABLE
NFA	NET FREE AREA
NIC	NOT IN CONTRACT
NO.	NUMBER
NTS	NOT TO SCALE
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OD	OUTSIDE DIAMETER
OSA	OUTSIDE AIR
PD	PRESSURE DROP
PH	PHASE
QTY	QUANTITY
R	RISE
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SF	SQUARE FEET
SP	STATIC PRESSURE
T,	TEMP TEMPERATURE
UC	UNDERCUT DOOR
UON	UNLESS OTHERWISE NOTED
V	VOLT
VIF	VERIFY IN FIELD
W/	WITH
W	WATT

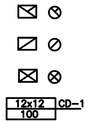
Dampers



MOTORIZED DAMPER

VOLUME DAMPER

Diffusers and Grilles



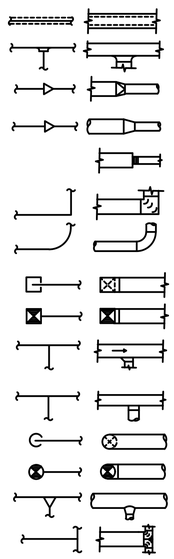
EXHAUST AIR

RETURN AIR

SUPPLY AIR

DIFFUSER OR GRILLE IDENTIFICATION

Ductwork Fittings



ACOUSTICALLY LINED DUCT (SIZES SHOWN ARE NET INSIDE)

BELLMOUTH

CONCENTRIC SQUARE TO ROUND

CONCENTRIC TRANSITION, RECTANGULAR OR ROUND

FLEXIBLE CONNECTION

MITERED ELBOW WITH TURNING VANES

RADIUSED ELBOW

RECTANGULAR DUCT DROP

RECTANGULAR DUCT RISER

RECTANGULAR MAIN WITH RECTANGULAR BRANCH

RECTANGULAR MAIN WITH ROUND BRANCH

ROUND DUCT DROP

ROUND DUCT RISER

ROUND DUCT WITH ROUND BRANCH

SYMMETRICAL WYE

Control Symbol

(F) FAN SWITCH

(T) ROOM TEMOSTAT

GENERAL SEISMIC BRACING NOTES

GENERAL SEISMIC BRACING REQUIREMENTS

A. PROVIDE SEISMIC BRACING OF HVAC EQUIPMENT, DUCTWORK, AND PIPING IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST BUILDING CODE WITH AN IMPORTANCE FACTOR IDENTIFIED ON ARCHITECTURAL AND STRUCTURAL DOCUMENTS.

B. REFER TO STRUCTURAL DRAWINGS FOR CONCRETE ANCHOR TYPE AND INSTALLATION REQUIREMENTS.

C. SUBMIT SEISMIC BRACING DETAILS FOR REVIEW.

D. UNLESS THE STRUCTURAL DRAWINGS HAVE AN ENGINEERED SYSTEM, OR THE CONTRACTOR PROVIDES ENGINEERED SYSTEMS SIGNED BY A CALIFORNIA REGISTERED CIVIL OR STRUCTURAL ENGINEER, SUPPORT AND BRACE DUCTWORK, PIPING, AND APPURTENANCES WITH OSHPD PRE-APPROVED SYSTEMS (WHETHER AN OSHPD PROJECT OR NOT):

1. OPM-0043-13 MASON SEISMIC RESTRAINT COMPONENTS FOR SUSPENDED UTILITIES, OR EQUAL.
2. OPM-0052-13 EATON/TOLCO SEISMIC BRACING & HANGERS

E. WITHOUT ANY EXCEPTIONS, BRACE EVERY RUN OF DUCT DESIGNED TO CARRY TOXIC OR EXPLOSIVE GASSES, OR USED FOR SMOKE CONTROL OR PRESSURIZATION AIR. FOR OTHER DUCTWORK BRACE EVERY RUN OF DUCT WITH A CROSS SECTIONAL AREA OF LARGER THAN 6 SQ.FT., EXCEPT THAT BRACING OF DUCTWORK WITH SUPPORT ROD LENGTH LESS THAN 12 INCHES IS NOT REQUIRED. ROD LENGTH SHALL BE AS MEASURED FROM TOP OF DUCT TO BOTTOM OF SUPPORT WHERE THE HANGER IS ATTACHED. SEISMIC BRACING, WHERE SHOWN ON DRAWINGS, IS THE MINIMUM REQUIRED; PROVIDE ADDITIONAL BRACING AS REQUIRED BY OPM-0043-13, OR EQUAL.

F. WHERE BRACING IS REQUIRED, BRACE DUCTWORK FOR EACH STRAIGHT RUN OF DUCT WITH THE FOLLOWING REQUIREMENTS (SEE OPM-0043-13 FOR ADDITIONAL REQUIREMENTS):

1. LONGITUDINAL BRACING: MINIMUM 1, WITH MAXIMUM SPACING OF 60'.
2. TRANSVERSE BRACING: MINIMUM TWO, WITH MAXIMUM SPACING OF 30', AT END OF DUCT RUNS HAVING MIN OF 2 SUPPORTS, AND AT EVERY DROP OR RISE EXCEPT FOR CONNECTION TO DIFFUSERS WHERE THE ELEVATION CHANGE OF CONNECTING DUCTWORK IS LESS THAN 24 INCHES.

SHEET INDEX

GENERAL NOTES

A. PROVIDE MISCELLANEOUS METALS AND MATERIALS FOR A COMPLETE INSTALLATION (IE. SUPPORT, BRACING, ETC.)

B. PROVIDE EQUIPMENT SUBMITTAL, FOR REVIEW, IN ACCORDANCE WITH THE SPECIFICATIONS. DO NOT DELIVER TO THE JOB SITE ANY PRODUCTS WITHOUT PRIOR REVIEW BY THE ARCHITECT. SUBMIT ALL REQUIRED SUBMITTALS AT ONE TIME. – DEVIATIONS WILL BE RETURNED WITHOUT REVIEW. INCOMPLETE SUBMITTALS WILL BE RETURNED WITHOUT REVIEW. ENGINEER WILL PROVIDE MAXIMUM OF TWO REVIEWS OF SUBMITTAL PACKAGE. ARRANGE FOR ADDITIONAL REVIEWS AND/OR EARLY REVIEW OF LONG-LEAD ITEMS AND BEAR COSTS OF THESE ADDITIONAL REVIEWS AT ENGINEER'S STANDARD HOURLY RATES. SUBSTITUTION REQUESTS WILL NOT BE REVIEWED AFTER AWARD OF CONTRACT.

C. PRIOR TO SUBMISSION OF BID, REVIEW A COMPLETE SET OF CONSTRUCTION DOCUMENTS (INCLUDING ALL OTHER TRADES). INCLUDE ADDITIONAL PIPE OR DUCT OFF-SETS THAT MAY BE REQUIRED TO CLEAR STRUCTURE, FINISHES OR WORK OF OTHER TRADES. FIELD VERIFY EXACT LOCATION AND SIZES OF EXISTING UTILITIES. EXTRA PAYMENT WILL NOT BE ALLOWED FOR WORK RESULTING FROM LACK OF APPRAISAL OF ENTIRE SCOPE OF WORK PRIOR TO BID. SYSTEM LAYOUTS AS INDICATED ON DRAWINGS ARE GENERALLY DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS ACTUAL CONSTRUCTION WILL PERMIT.

D. PROVIDE DUCT ACCESS DOORS FOR EQUIPMENT AND DEVICES REQUIRING ACCESS OR RESETTING (IE. FIRE AND SMOKE DAMPERS, SMOKE DAMPERS, SENSORS, ETC.) INDICATE SIZE AND LOCATION ON COORDINATED SHOP DRAWINGS.

E. FLASH AND COUNTER FLASH ALL ROOF PENETRATIONS TO SEAL WEATHER TIGHT (SEE ARCHITECTURAL ROOFING DETAILS AND SPECIFICATIONS).

F. PROVIDE DUCTWORK AND TRANSITIONS EQUAL TO DUCT FREE AREA SHOWN ON DRAWINGS, TO PREVENT A SPATIAL CONFLICT. AT CONTRACTOR'S OPTION AND IF SPATIAL CONSTRAINTS ALLOW IT, ROUND SPIRAL DUCTWORK, OF EQUAL CROSS-SECTIONAL AREA OR LARGER, MAY BE USED IN LIEU OF RECTANGULAR DUCTWORK WHERE SHOWN ON PLANS.

G. EQUIPMENT, HVAC DUCTS, PIPING AND OTHER DEVICES AND MATERIALS INSTALLED OUTDOORS OR EXPOSED TO WEATHER SHALL BE WEATHER PROOF.

H. USE FLEXIBLE DUCTS ONLY FOR THE LAST 5 FEET MAXIMUM AT AIR OUTLETS. EXCEPT DO NOT USE FLEXIBLE DUCTWORK IN LIEU OF ELBOWS OR FITTINGS.

I. PROVIDE MANUAL VOLUME DAMPERS AT EACH GRILLE, REGISTER, AND DIFFUSER, AND LOCATE EQUIDISTANCE BETWEEN BRANCH TAKEOFF AND AIR INLET/OUTLET. DO NOT USE VOLUME DAMPERS INTEGRAL WITH GRILLES, DIFFUSERS AND REGISTERS FOR AIR BALANCING.

J. INSTALL EQUIPMENT WITH SUFFICIENT ACCESS TO PANELS, ELECTRICAL CONNECTIONS, CONTROLS, FILTERS, MOTORS, ETC. COORDINATE ACCESS TO ALL DAMPERS, VALVES, AND OTHER SERVICEABLE EQUIPMENT. REVIEW CEILING HEIGHTS AND COORDINATE ACCESS PANEL LOCATIONS.

K. COORDINATE EQUIPMENT PLATFORMS, AND CUTTING AND PATCHING. OBTAIN WRITTEN PERMISSION FROM THE ARCHITECT PRIOR TO ANY STRUCTURAL MODIFICATIONS, CUTTING OR PATCHING WORK. KEEP SAW CUTTING TO A MINIMUM.

L. VERIFY DIFFUSERS, GRILLES, AND REGISTER MOUNTING FRAME TYPES WITH CONSTRUCTION TYPE AND CONFIGURATION.

M. PAINT FLAT BLACK ALL VISIBLE INTERIOR PORTIONS OF DUCTWORK.

N. PROTECT AND ISOLATE DUCTS STORED ON CONSTRUCTION SITE FROM DUST CONTAMINATION.

O. COORDINATE LOCATION OF SENSORS AND THERMOSTATS WITH ARCHITECT. COMPLY WITH ADA REQUIREMENTS.

P. DEMOLISH OR REMOVE MEAN: REMOVE AND RETURN TO OWNER FOR ACCEPTANCE, AND DISPOSE OF ANY ITEMS NOT ACCEPTED BY THE OWNER

Q. COORDINATE WITH DIVISION 26 FOR LOCATION OF POWER AND LOCAL DISCONNECTS FOR MECHANICAL EQUIPMENT DEVICES. PROVIDE STARTERS FOR EQUIPMENT WITHOUT VFD'S, ECM MOTORS, OR EQUIPMENT WITHOUT INTEGRAL STARTERS.

R. MAINTAIN MINIMUM ELECTRICAL CODE AND UNIT MANUFACTURER'S CLEARANCES TO ADJACENT CONSTRUCTION OR EQUIPMENT, PER CEC OR THE FOLLOWING TABLE:

	0-150 VOLT	150-600
NO LIVE OR GROUNDED PARTS ON OPPOSITE SIDE	36 INCHES	36 INCHES
GROUNDED PARTS ON OPPOSITE SIDE	36 INCHES	42 INCHES
LIVE PARTS ON OPPOSITE SIDE	36 INCHES	48 INCHES

REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
Exp. 03/31/23
MECHANICAL
STATE OF CALIFORNIA

Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
VZ CADD VZ TECH. REVIEW: MK DATE: 07-15-2022	M0.1	SYMBOLS LIST & GENERAL NOTES – MECHANICAL SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	638 182819 PMIS/PKG NO. 303051 SHEET 114 OF 200

FAN SCHEDULE

SYMBOL	AREA SERVED	BASIS OF DESIGN		TYPE	DRIVE	AIR FLOW (CFM)	ESP (IN H2O)	TSP (IN H2O)	FAN RPM	MAX RPM	SOUND (SONES)	ELECTRICAL				VFD/ ECM	EMERG POWER	APPROX. DIMS (LxWxH)	MAX WT (LBS)	NOTES
		MFR	MODEL									VOLTS	PH	BHP	MHP					
CF-1	BARN	BIG ASS FANS	10-FEET ESSENCE	HIGH VOLUME LOW SPEED FAN	DIRECT	NA	NA	NA	NA	NA	<35 dBA	120	1	NA	0.5	VFD	N	120X120X2	100	1,3,9
CF-2	PAVILION	BIG ASS FANS	60-INCHES HAIKU OUTDOOR	HIGH VOLUME LOW SPEED FAN	DIRECT	NA	NA	NA	NA	NA	<35 dBA	120	1	NA	NA	VFD	N	60X60X2	15	2,3,5,10,11
CF-3	SMALL EVENT	BIG ASS FANS	60-INCHES HAIKU INDOOR	HIGH VOLUME LOW SPEED FAN	DIRECT	NA	NA	NA	NA	NA	<35 dBA	120	1	NA	NA	VFD	N	60X60X2	15	2,3,5,10,11
EF-1	RESTROOM BUILDING	GREENHECK	CUE-140-VG	UPBLAST	DIRECT	2150	1	1.094	1566	1725	12.4	120	1	0.74	1	ECM	N	29X29X30	75	4,12
SF-1	BARN	GREENHECK	SQ-160HP-VG	INLINE	DIRECT	1900	1	1.2	1395	1600	11.3	120	1	0.67	1	ECM	N	25X23X23	250	6,7,12
EF-2	BARN BUIDLING RESTROOM	GREENHECK	CUE-099-VG	UPBLAST	DIRECT	460	0.7	0.774	1343	1725	6.7	120	1	0.11	1/4	ECM	N	25X25X30	75	4,12
SF-3	BARN BUILDING CATERING KITCHEN	GREENHECK	SQ-97-VG	INLINE	DIRECT	200	0.7	0.88	1854	2500	15.4	120	1	0.35	1/2	ECM	N	24X15X15	75	6,7,12
SF-4	BARN BUILDING CATERING KITCHEN	GREENHECK	SQ-97-VG	INLINE	DIRECT	160	0.7	0.82	1702	2500	13.1	120	1	0.30	1/2	ECM	N	24X15X15	75	6,7,12
EF-3	PAVILION BUILDING RESTROOM	GREENHECK	CUE-099-VG	UPBLAST	DIRECT	460	0.7	0.774	1343	1725	6.7	120	1	0.11	1/4	ECM	N	25X25X30	75	4,12
SF-5	SMALL EVENT	GREENHECK	CSP-A390-VG	INLINE	DIRECT	220	1	1	1694	1750	3.5	120	1	81w		ECM	N	15X12X12	50	6,7,12
SF-6	SMALL EVENT	GREENHECK	CSP-A390-VG	INLINE	DIRECT	220	1	1	1694	1750	3.5	120	1	81w		ECM	N	15X12X12	50	6,7,12
SF-7	SMALL EVENT	GREENHECK	CSP-A390-VG	INLINE	DIRECT	220	1	1	1694	1750	3.5	120	1	81w		ECM	N	15X12X12	50	6,7,12
SF-8	SMALL EVENT	GREENHECK	CSP-A390-VG	INLINE	DIRECT	220	1	1	1694	1750	3.5	120	1	81w		ECM	N	15X12X12	50	6,7,12
EF-4	RESTROOM BUILDING ELECTRICAL/TELECOM	GREENHECK	SQ-90-VG	INLINE	DIRECT	300	0.4	0.406	1388	1725	5.8	120	1	0.05	1/10	ECM	Y	19X15X15	75	4,8

NOTES:

1 PROVIDE WITH BIGASS BAFCON WIRED WALL MOUNTED FAN SPEED CONTROLLER
2 PROVIDE LUTRON DIVA WALL MOUNTED CONTROLLER
3 COORDINATE EXTENSION TUBE LENGTH AND MOUNTING METHODS WITH MANUFACTURER
4 PROVIDE BACKDRAFT DAMPER
5 FAN FLA IS 5.7A
6 PROVIDE CONSTANT AIR FLOW CONTROL AND TIE TO FAN SWITCH.
7 PROVIDE 4" DEEP MERV 13 FILTER WITH FILTER BOX
8 FAN TO BE CONTROLLED BY WALL MOUNTED TERMOSTAT
9 PROVIDE SILVER AND BLACK FINISH
10 PROVIDE OIL RUBBERED BRONZE FINISH
11 PROVIDE HAIKU 0-10V MODULE
12 FAN TO BE CONTROLLED BY WALL MOUNTED FAN SWITCH, PROVIDE LOCKABLE COVER TO FAN SWITCH.

DIFFUSER, REGISTER AND GRILLE SCHEDULE

SYMBOL	TYPE	FACE	DAMPER	BASIS OF DESIGN	NOTES
CD-1	CEILING SUPPLY DIFFUSER	PERFORATED	NONE	TITUS-PAS	1
SG-1	SIDE WALL SUPPLY GRILL	DUBLE DEFL.	NONE	TITUS-272FL	1
CR-1	CEILING RETURN DIFFUSER	PERFORATED	NONE	TITUS-PAR	1
TG-1	SIDE WALL TRANSFER GRILL	DUBLE DEFL.	NONE	TITUS-300RL	1
ER-1	SIDE WALL EXHAUST GRILL	DUBLE DEFL.	NONE	TITUS-300RL	1

NOTES:

1 COORDINATE WITH ARCHITECT FOR BORDER TYPE AND FINISH

REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
Exp:03/31/23
MECHANICAL
STATE OF CALIFORNIA
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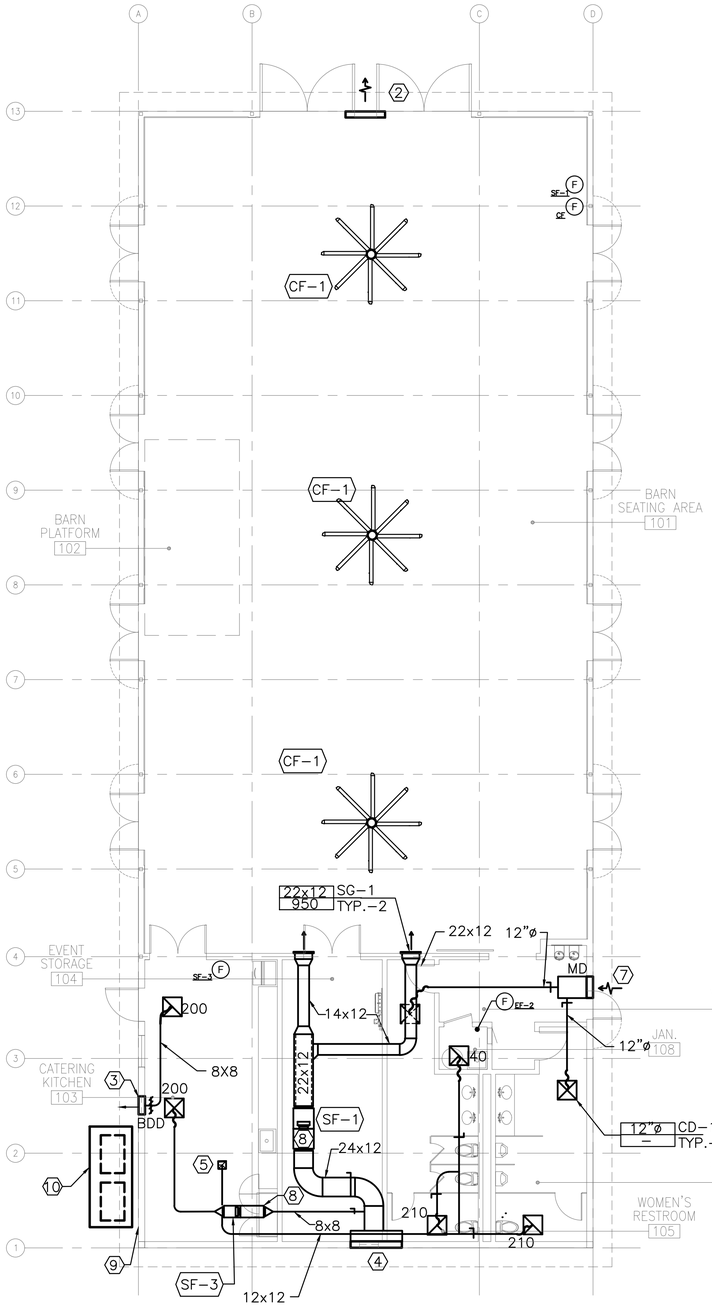
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
VZ	M0.2	SCHEDULES - MECHANICAL	638 / 182819
CADD: VZ			PMIS/PKG NO. 303051
TECH. REVIEW: MK		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 115 OF 200
DATE: 07-15-2022			



1 M2.0 BARN FIRST FLOOR PLAN – MECHANICAL

SCALE: Ⓚ 1/8" = 1'-0"

SHEET KEYNOTES

1. NOT USED.
2. 4 SF NFA RELIEF LOUVER WITH COUNTERWEIGHTED BACKDRAFT DAMPERS MINIMUM 3 FEET FROM BUILDING OPENING SEE ARCHITECTURAL DRAWING.
3. 0.75 SF NFA RELIEF LOUVER WITH COUNTERWEIGHT BDD, SIZED FOR MAX PD OF 0.5 IN.W.C, MINIMUM 3 FEET FROM BUILDING OPENING SEE ARCHITECTURAL DRAWINGS.
4. 4 SF NFA MAKEUP AIR LOUVER SEE ARCHITECTURAL. PROVIDE MINIMUM 1 FEET DEEP PLENUM BEHIND THE LOUVER.
5. 12x12 UP TO EF-2 ON ROOF.
6. NOT USED
7. 2 SF NFA MAKEUP AIR LOUVER SEE ARCHITECTURAL DRAWINGS. PROVIDE 3 FEET DEPTH PLENUM BEHIND LOUVER.
8. MERV 13 FILTER WITH FILTER BOX
9. PROVIDE ONE SET OF 20 TON DX CAPPED HEAT PUMP REFRIGERANT PIPING STUB OUT IN CEILING FOR FUTURE DX CONDENSING UNIT, POWER AND CONTROL WIRING IN EXTERIOR WALL FOR FUTURE CONDENSING UNIT. BASIS OF DESIGN IS DAIKIN RXYQ240XATJA.
10. PROVIDE 11 FEET BY 5 FEET CONCRETE PAD FOR FUTURE OUTDOOR CONDENSING UNITS.

DIFFUSER/GRILLES

SUPPLY DIFFUSER ☒

TAG	NECK SIZE	CFM RANGE
CD-1	8ø"	0-200
CD-1	10"Ø	201-310
CD-1	12"Ø	311-400

RETURN GRILLES ☒

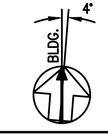
TAG	NECK SIZE	CFM RANGE
CRG-1	8"Ø	0-210
CRG-1	10"Ø	211-370
CRG-1	12"Ø	375-600

EXHAUST GRILLES ☒

TAG	NECK SIZE	CFM RANGE
CEG-1	8"Ø	0-210
CEG-1	10"Ø	211-370
CEG-1	12"Ø	375-600

NOTE:

1. SEE DIFFUSER, REGISTER AND GRILLE SCHEDULE
2. ALL DIFFUSERS , REGISTERS AND GRILLES TO BE TYPE CD-1, CRG-1 AND CEG-1 UNLESS NOTED OTHERWISE.
3. ALL BRANCH DUCTWORK TO DIFFUSERS, REGISTERS AND GRILLES TO BE SAME SIZE AS NECK SIZE, UNLESS NOTED OTHERWISE.

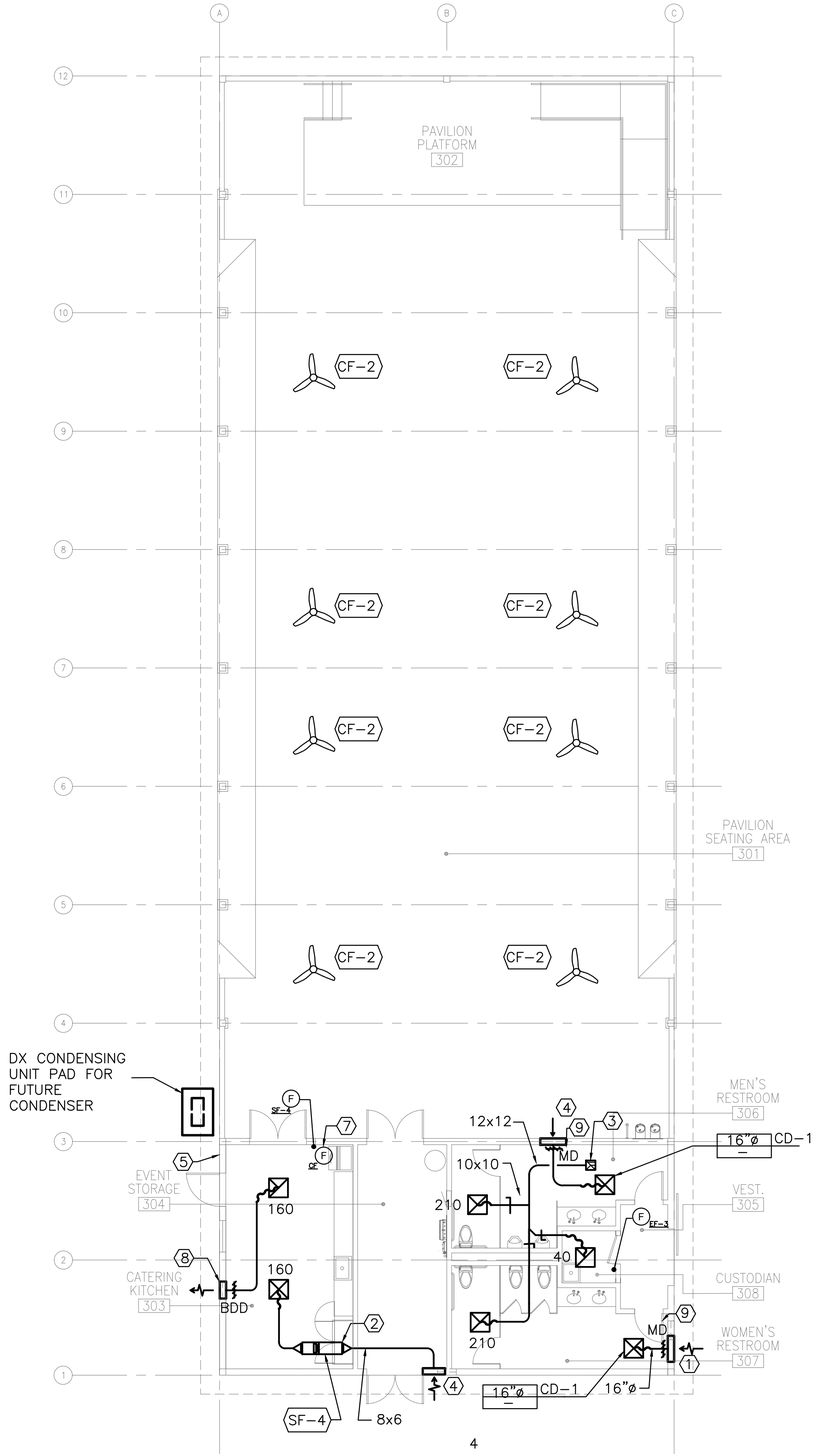


SCALE Ⓚ 8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
EXP. 12/31/22
STATE OF CALIFORNIA
Signed: 7/21/22

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
VZ CADD VZ TECH. REVIEW: MK DATE: 07-15-2022	M2.0	BARN BUILDING FLOOR PLAN – MECHANICAL SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	638 182819 PMIS/PKG NO. 303051 SHEET 116 OF 200



1 M2.2 PAVILION FIRST FLOOR PLAN – MECHANICAL
SCALE: Ⓚ 1/8" = 1'-0"

SHEET KEYNOTES

1. 1 SF NFA INTAKE LOUVER WITH. MINIMUM 3 FT FROM BUILDING OPENING, REFER TO ARCHITECTURAL DRAWINGS FOR LOUVER SIZE AND SELECTION.
2. MERV 13 FILTER WITH FILTER BOX
3. 12x12 UP TO EF-3 ON ROOF.
4. 1 SF NFA INTAKE LOUVER SEE ARCHITECTURAL DRAWING.
5. PROVIDE ONE SET OF 2 TON DX HEAT PUMP REFRIGERANT PIPING STUB OUT IN CEILING FOR FUTURE DX CONDENSING UNIT. POWER AND CONTROL WIRING IN EXTERIOR WALL FOR FUTURE CONDENSING UNIT. BASIS OF DESIGN IS DAIKIN RXSQ24TAVJUA.
6. PROVIDE 5 FEET BY 3 FEET CONCRETE PAD FOR FUTURE OUTDOOR CONDENSING UNIT
7. PROVIDE TWO CEILING FAN CONTROLLERS. EACH CONTROLLER CONTROLS 4 CEILING FANS.
8. PROVIDE 0.5 SF NET FREE AREA RELIEF LOUVER WITH COUNTERWEIGHTED BACKDRAFT DAMPER, SIZE FOR MAX. PD OF 0.05 INCH 9. INTERLOCK MOTORIZED DAMPER WITH FAN, CLOSE THE MOTORIZED DAMPER WHEN EXHAUST FAN IS NOT IN OPERATION.

DIFFUSER/GRILLES		
SUPPLY DIFFUSER ☒		
TAG	NECK SIZE	CFM RANGE
CD-1	8ø"	0-200
CD-1	10"Ø	201-310
CD-1	12"Ø	311-400
RETURN GRILLES ☒		
TAG	NECK SIZE	CFM RANGE
CRG-1	8"Ø	0-210
CRG-1	10"Ø	211-370
CRG-1	12"Ø	375-600
EXHAUST GRILLES ☒		
TAG	NECK SIZE	CFM RANGE
CEG-1	8"Ø	0-210
CEG-1	10"Ø	211-370
CEG-1	12"Ø	375-600

NOTE:

1. SEE DIFFUSER, REGISTER AND GRILLE SCHEDULE
2. ALL DIFFUSERS , REGISTERS AND GRILLES TO BE TYPE CD-1, CRG-1 AND CEG-1 UNLESS NOTED OTHERWISE.
3. ALL BRANCH DUCTWORK TO DIFFUSERS, REGISTERS AND GRILLES TO BE SAME SIZE AS NECK SIZE, UNLESS NOTED OTHERWISE.

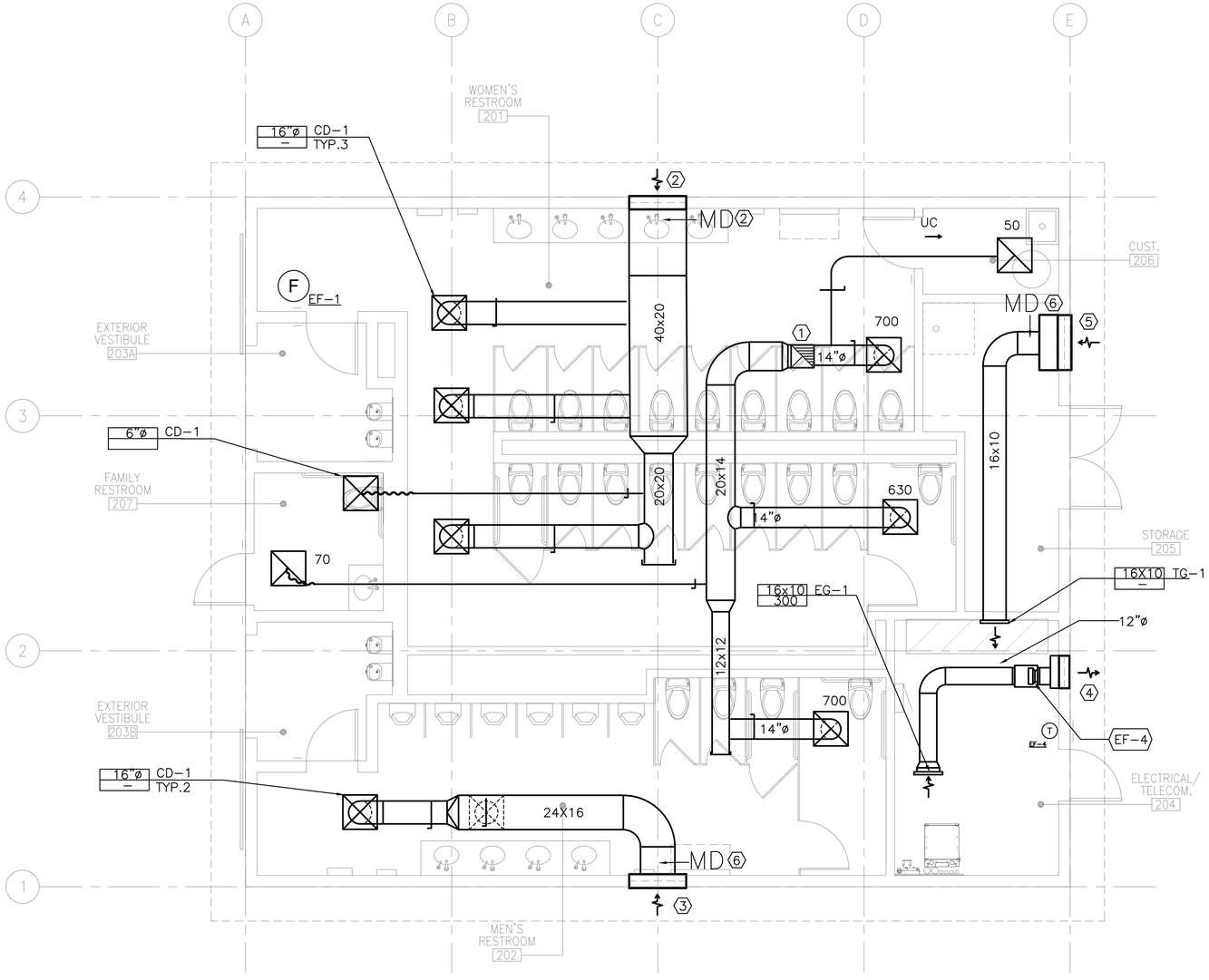
BLDG. 4°

SCALE Ⓚ 8 0 8 16
SCALE OF FEET

REGISTERED PROFESSIONAL ENGINEER RICHARD H. RUSSELL No. M31923 Exp. 03/31/23 CIVIL STATE OF CALIFORNIA
Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
VZ / DADD / VZ	M2.2	PAVILION BUILDING FLOOR PLAN – MECHANICAL	638 / 182819
TECH. REVIEW: MK			PMIS/PKG NO. 303051
DATE: 07-15-2022		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 117 OF 200



1 M2.4 RESTROOM FLOOR PLAN – MECHANICAL

SCALE: Ⓙ 1/4" = 1'-0"

⬡ SHEET KEYNOTES

1. 16X16 UP TO ROOF, CONNECT TO EF–1
2. 4 SF NFA MAKEUP AIR LOUVER SEE ARCHITECTURAL DRAWINGS. PROVIDE 4 FEET PLENUM BEHIND THE LOUVER
3. 1.5 SF NFA MAKEUP AIR LOUVER SEE ARCHITECTURAL DRAWINGS. PROVIDE MINIMUM 1 FEET DEEP PLENUM BEHIND THE LOUVER
4. 0.5 SF NFA EXHAUST LOUVER SEE ARCHITECTURAL DRAWING. PROVIDE MINIMUM 1 FEET DEEP PLENUM BEHINE THE LOUVER.
5. 1 SF NFA INTAKE LOUVER SEE ARCHITECTURAL DRAWINGS. PROVIDE MINIMUM 1 FEET DEEP PLENUM BEHIND THE LOUVER.
6. INTERLOCK MOTORIZED DAMPER WITH FAN, CLOSE THE MOTORIZED DAMPER WHEN EXHAUST FAN IS NOT IN OPERATION.

DIFFUSER/GRILLES

SUPPLY DIFFUSER

TAG	NECK SIZE	CFM RANGE
CD–1	8ø"	0–200
CD–1	10"Ø	201–310
CD–1	12"Ø	311–400

RETURN GRILLES

TAG	NECK SIZE	CFM RANGE
CRG–1	8"Ø	0–210
CRG–1	10"Ø	211–370
CRG–1	12"Ø	375–600
CRG–1	14"Ø	601–720

EXHAUST GRILLES

TAG	NECK SIZE	CFM RANGE
CEG–1	8"Ø	0–210
CEG–1	10"Ø	211–370
CEG–1	12"Ø	375–600
CEG–1	14"Ø	601–720

NOTE:

1. SEE DIFFUSER, REGISTER AND GRILLE SCHEDULE
2. ALL DIFFUSERS , REGISTERS AND GRILLES TO BE TYPE CD–1, CRG–1 AND CEG–1 UNLESS NOTED OTHERWISE.
3. ALL BRANCH DUCTWORK TO DIFFUSERS, REGISTERS AND GRILLES TO BE SAME SIZE AS NECK SIZE, UNLESS NOTED OTHERWISE.

BLDG. 4°

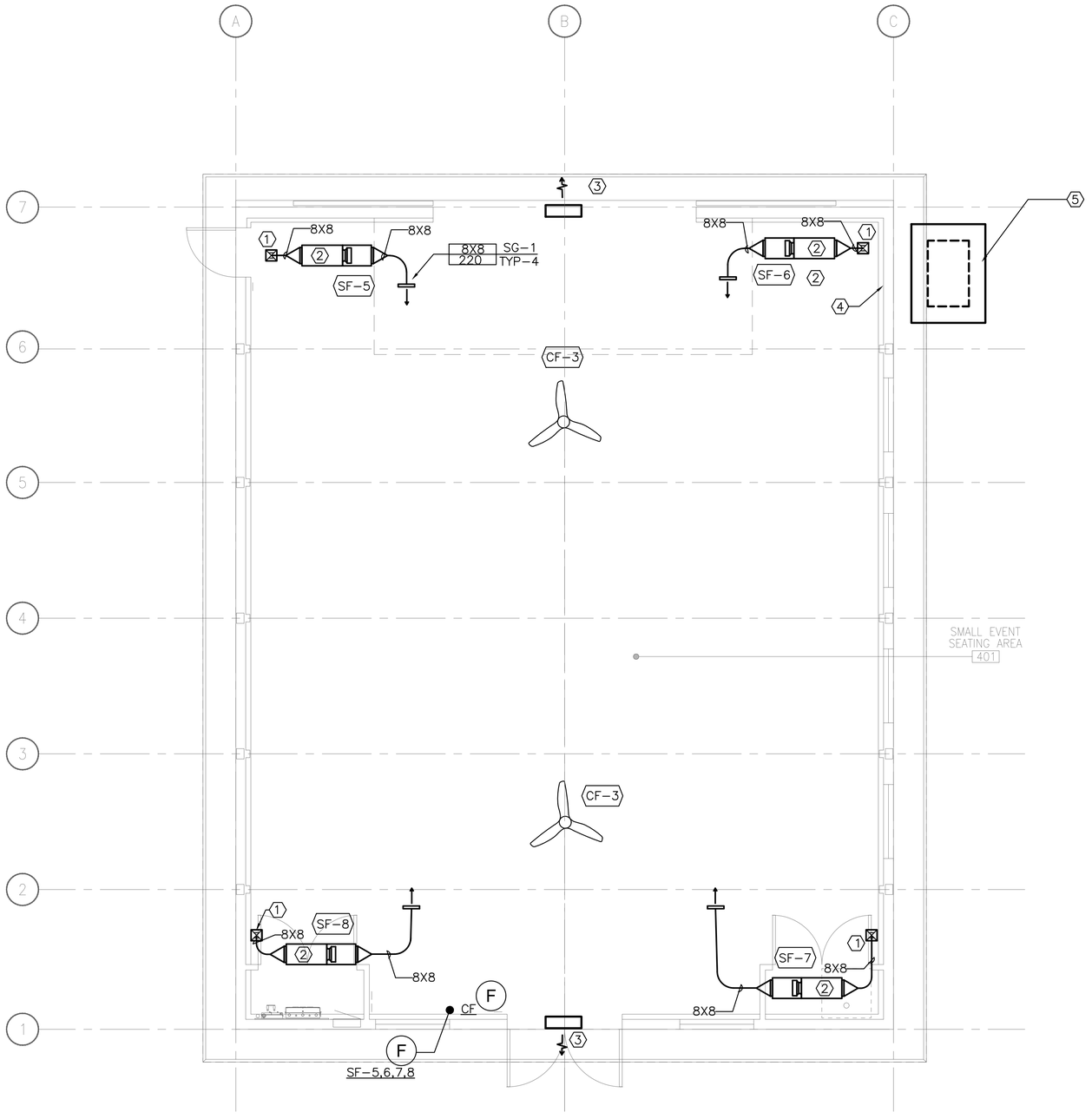
SCALE Ⓚ 8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

REGISTERED PROFESSIONAL ENGINEER RICHARD H. RUSSELL No. M31923 Exp: 12/31/22 MECHANICAL STATE OF CALIFORNIA

Signed: 7/21/22

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
VZ CADD VZ TECH. REVIEW: MK DATE: 07–15–2022	M2.4	RESTROOM BUILDING FLOOR PLAN – MECHANICAL SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	638 182819 PMIS/PKG NO. 303051 SHEET 118 OF 200



1 M2.5 SMALL EVENT BUILDING FLOOR PLAN – MECHANICAL
SCALE: (J) 1/4" = 1'-0"

SHEET KEYNOTES

1. 8X8 UP TO ROOF, WITH 0.5 SF NFA INTAKE LOUVER SEE ARCHITECTUAL DRAWINGS.
2. MERV 13 FILTER WITH FILTER BOX
3. 2 SF NFA RELIEF LOUVER WITH COUNTERWEIGHT BDD, SIZED FOR MAX. PD OF 0.05". REFER TO ARCHITECTURAL DRAWINGS FOR LOUVER SIZE AND SELECTION.
4. PROVIDE ONE SET OF 8 TON DX HEAT PUMP REFRIGERANT PIPING STUB OUT IN CEILING FOR FUTURE DX CONDENSING UNIT. BASIS OF DESIGN IS DAIKIN RXYQ96XATJA.
5. PROVIDE 6 FEET BY 5 FEET CONCRETE PAD FOR FUTURE OUTDOOR CONDENSING UNIT.

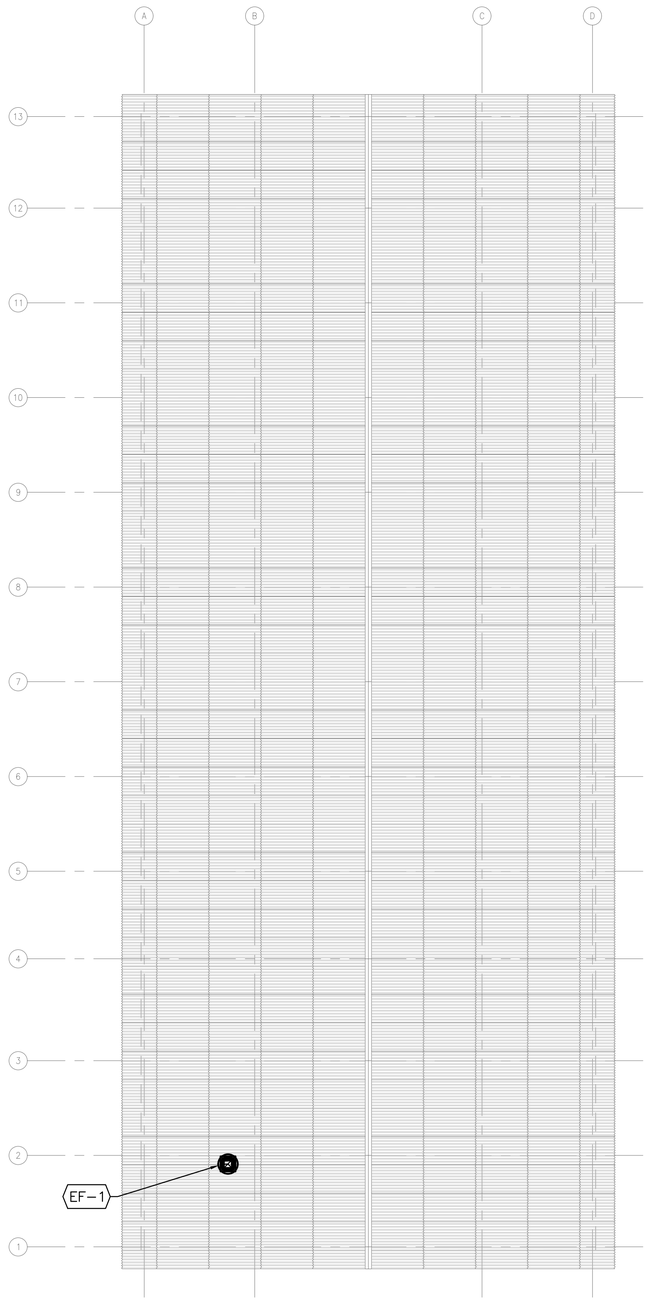
BLDG. 4°

SCALE (K) 8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
EXP. 12/31/22
MECHANICAL
STATE OF CALIFORNIA
Signed: 7/21/22

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
VZ CADD VZ TECH. REVIEW: MK DATE: 07-15-2022	M2.5	SMALL EVENT BUILDING FLOOR PLAN – MECHANICAL SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	638 182819 PMIS/PKG NO. 303051 SHEET 119 OF 200



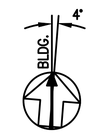
1 M2.10 BARN BUILDING ROOF PLAN – MECHANICAL
SCALE: Ⓚ 1/8" = 1'-0"

GENERAL SHEET NOTES

A. DO NOT LOCATE EQUIPMENT CLOSER THAN 10' FROM EDGE OF ROOF.

B. PLACEMENT OF MECHANICAL EQUIPMENT SHOWN ON THIS DRAWING IS DIAGRAMMATIC. REVIEW ARCHITECTURAL DRAWINGS TO ASCERTAIN EXACT LOCATION OF ROOF CRICKETS. INSTALL EQUIPMENT TO CLEAR ALL ROOF CRICKET DRAINAGE VALLEYS AND IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND TO MAINTAIN REQUIRED AND RECOMMENDED CLEARANCES AROUND ALL EQUIPMENT.

C. SEE ARCHITECTURAL DRAWINGS FOR WATER PROOFING DETAILS.

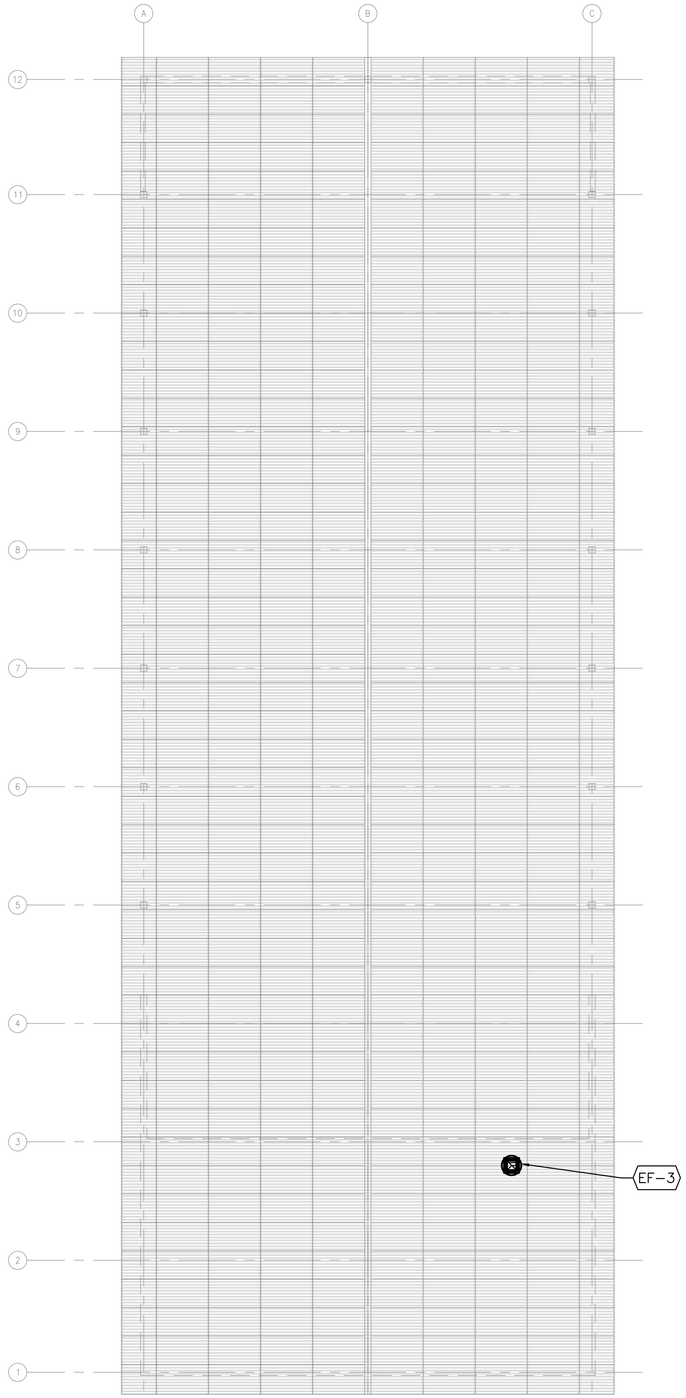


SCALE Ⓚ 8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
VZ CADD VZ TECH. REVIEW: MK DATE: 07-15-2022	M2.10	BARN BUILDING FLOOR ROOF PLAN – MECHANICAL SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	638 182819 PMIS/PKG NO. 303051 SHEET 120 OF 200

REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
EXP. 03/31/23
MECHANICAL
STATE OF CALIFORNIA
Signed: 7/21/22



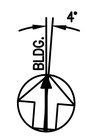
1 M2.11 PAVILLION ROOF PLAN – MECHANICAL
SCALE: Ⓚ 1/8" = 1'-0"

GENERAL SHEET NOTES

A. DO NOT LOCATE EQUIPMENT CLOSER THAN 10' FROM EDGE OF ROOF.

B. PLACEMENT OF MECHANICAL EQUIPMENT SHOWN ON THIS DRAWING IS DIAGRAMMATIC. REVIEW ARCHITECTURAL DRAWINGS TO ASCERTAIN EXACT LOCATION OF ROOF CRICKETS. INSTALL EQUIPMENT TO CLEAR ALL ROOF CRICKET DRAINAGE VALLEYS AND IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND TO MAINTAIN REQUIRED AND RECOMMENDED CLEARANCES AROUND ALL EQUIPMENT.

C. SEE ARCHITECTURAL DRAWINGS FOR WATER PROOFING DETAILS.

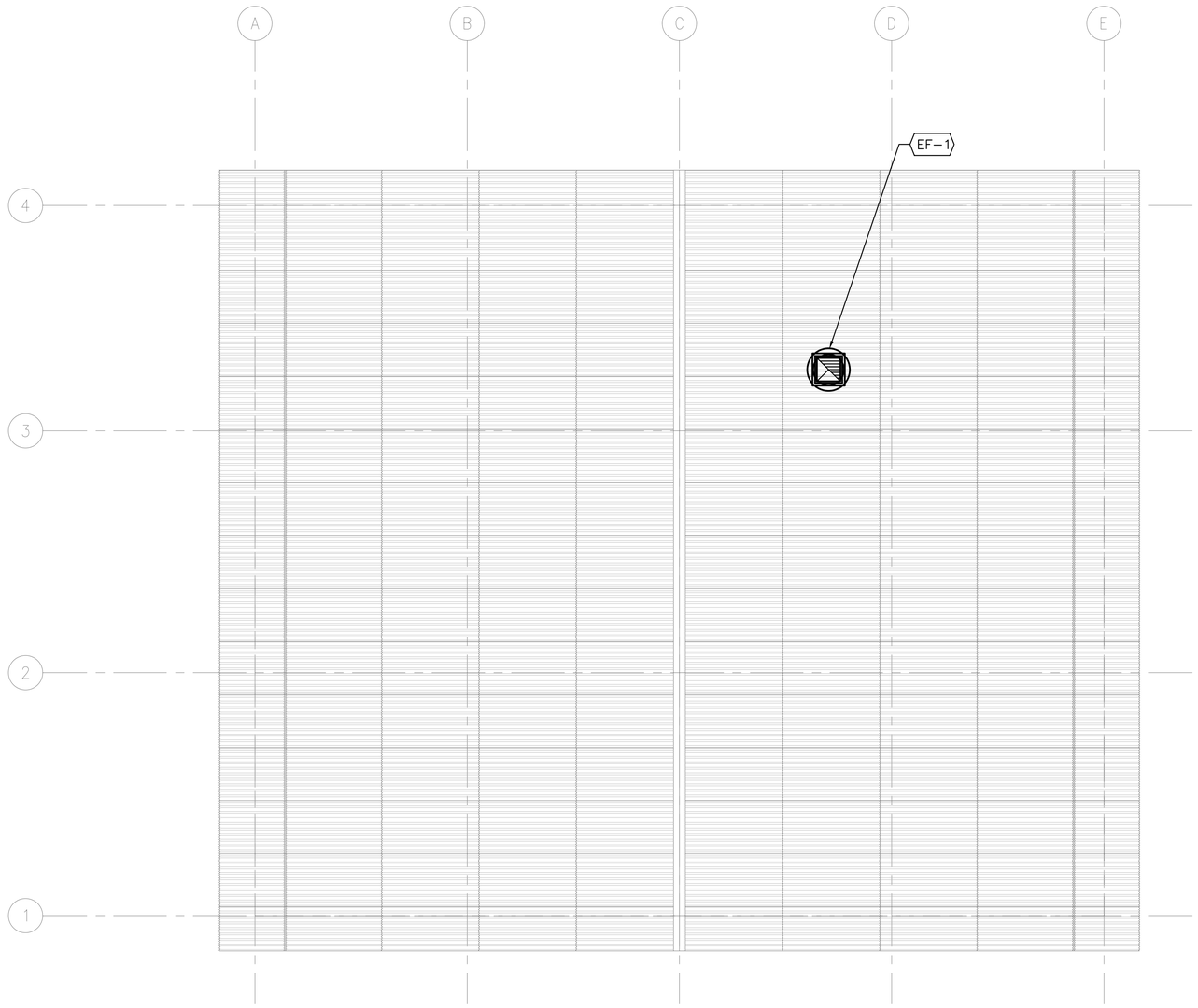


SCALE Ⓚ 8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
Exp:03/31/23
STRUCTURAL
STATE OF CALIFORNIA
Signed: 7/21/22

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
VZ	M2.11	PAVILION ROOF PLAN – MECHANICAL	638 / 182819
CADD: VZ			PMIS/PKG NO. 303051
TECH. REVIEW: MK		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 121 OF 200
DATE: 07-15-2022			



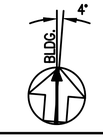
1 M2.12 RESTROOM BUILDING ROOF PLAN – MECHANICAL
SCALE: Ⓚ 1/8" = 1'-0"

GENERAL SHEET NOTES

A. DO NOT LOCATE EQUIPMENT CLOSER THAN 10' FROM EDGE OF ROOF.

B. PLACEMENT OF MECHANICAL EQUIPMENT SHOWN ON THIS DRAWING IS DIAGRAMMATIC. REVIEW ARCHITECTURAL DRAWINGS TO ASCERTAIN EXACT LOCATION OF ROOF CRICKETS. INSTALL EQUIPMENT TO CLEAR ALL ROOF CRICKET DRAINAGE VALLEYS AND IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND TO MAINTAIN REQUIRED AND RECOMMENDED CLEARANCES AROUND ALL EQUIPMENT.

C. SEE ARCHITECTURAL DRAWINGS FOR WATER PROOFING DETAILS.

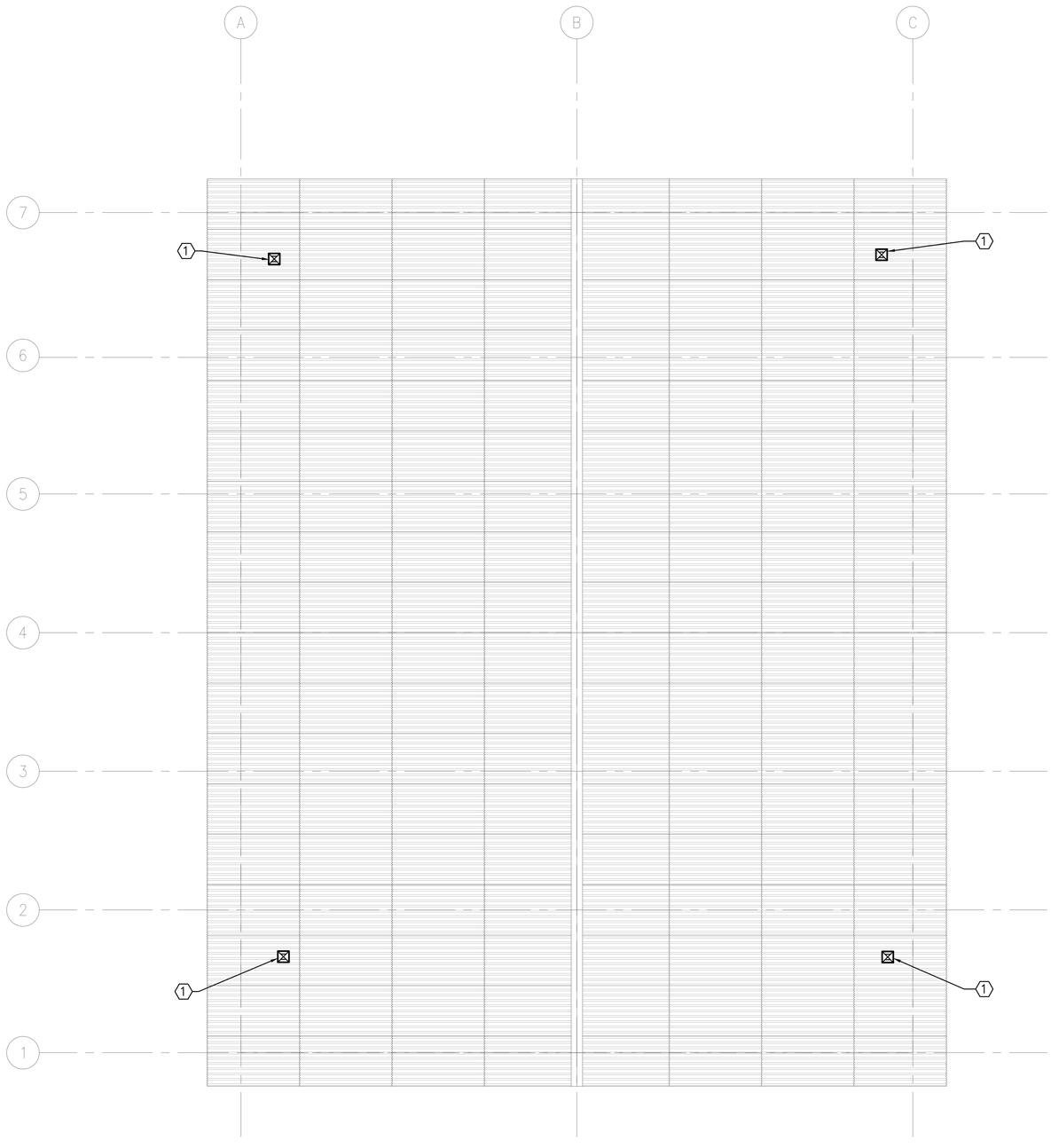


SCALE Ⓚ 8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

Signed: 7/21/22

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
VZ CADD VZ TECH. REVIEW: MK DATE: 07-15-2022	M2.12	RESTROOM ROOF PLAN – MECHANICAL SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	638 182819 PMIS/PKG NO. 303051 SHEET 122 OF 200



1 M2.13 SMALL EVENT BUILDING ROOF PLAN – MECHANICAL

SCALE: (J) 1/4" = 1'-0"

GENERAL SHEET NOTES

A. DO NOT LOCATE EQUIPMENT CLOSER THAN 10' FROM EDGE OF ROOF.

B. PLACEMENT OF MECHANICAL EQUIPMENT SHOWN ON THIS DRAWING IS DIAGRAMMATIC. REVIEW ARCHITECTURAL DRAWINGS TO ASCERTAIN EXACT LOCATION OF ROOF CRICKETS. INSTALL EQUIPMENT TO CLEAR ALL ROOF CRICKET DRAINAGE VALLEYS AND IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND TO MAINTAIN REQUIRED AND RECOMMENDED CLEARANCES AROUND ALL EQUIPMENT.

C. SEE ARCHITECTURAL DRAWINGS FOR WATER PROOFING DETAILS.

SHEET KEYNOTES

1 8X8 FROM BELOW WITH 0.5 SF NFA INTAKE LOUVER SEE ARCHITECTURAL DRAWING.

BLDG. 4°

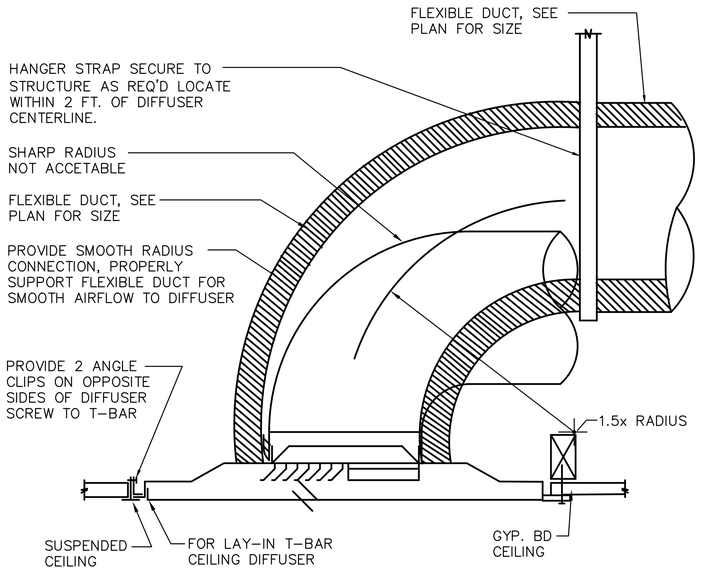
SCALE (K) 8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

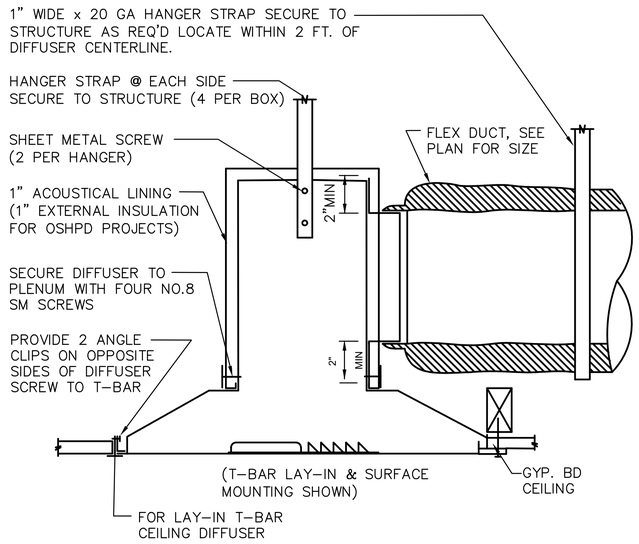
DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
VZ	M2.13	SMALL EVENT ROOF PLAN – MECHANICAL	638 / 182819
CADD: VZ			PMIS/PKG NO. 267539
TECH. REVIEW: MK		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 123 OF 200
DATE: 07-15-2022			

REGISTERED PROFESSIONAL ENGINEER RICHARD H. RUSSELL No. M31923 Exp. 12/31/22 STATE OF CALIFORNIA

Signed: 7/21/22



DETAIL A



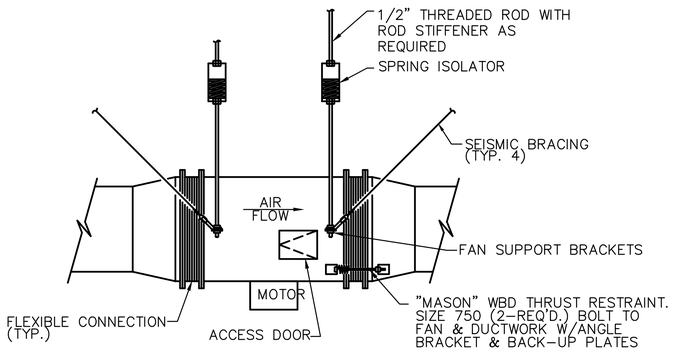
DETAIL B

NOTES:

1. USE DETAIL A FOR ALL DIFFUSERS AND GRILLES.
2. DETAIL B MAY BE USED WHEN THERE IS INADEQUATE SPACE FOR A FULL RADIUS ELBOW.
3. LINING OF AIR BOOT ABOVE DIFFUSER MAY BE OMITTED FOR RETURN OR EXHAUST APPLICATIONS.
4. PROVIDE BALANCING DAMPER UPSTREAM OF FLEXIBLE DUCT.
5. WHERE FULL RADIUS TURN IS NOT PROVIDED DUE TO INSTALLATION CONDITIONS, PROVIDE FLEXRIGHT ELBOW DUCT SUPPORT, AS MANUFACTURED BY BUILD RIGHT PRODUCTS OR EQUIVALENT, OVER OUTER JACKET OF FLEXIBLE DUCTS TO FORM SMOOTH 90 DEGREES BEND.

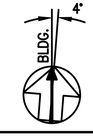
CEILING SUPPLY, RETURN, & EXHAUST CONNECTION

SCALE: NO SCALE



INLINE FAN DETAIL

SCALE: NO SCALE



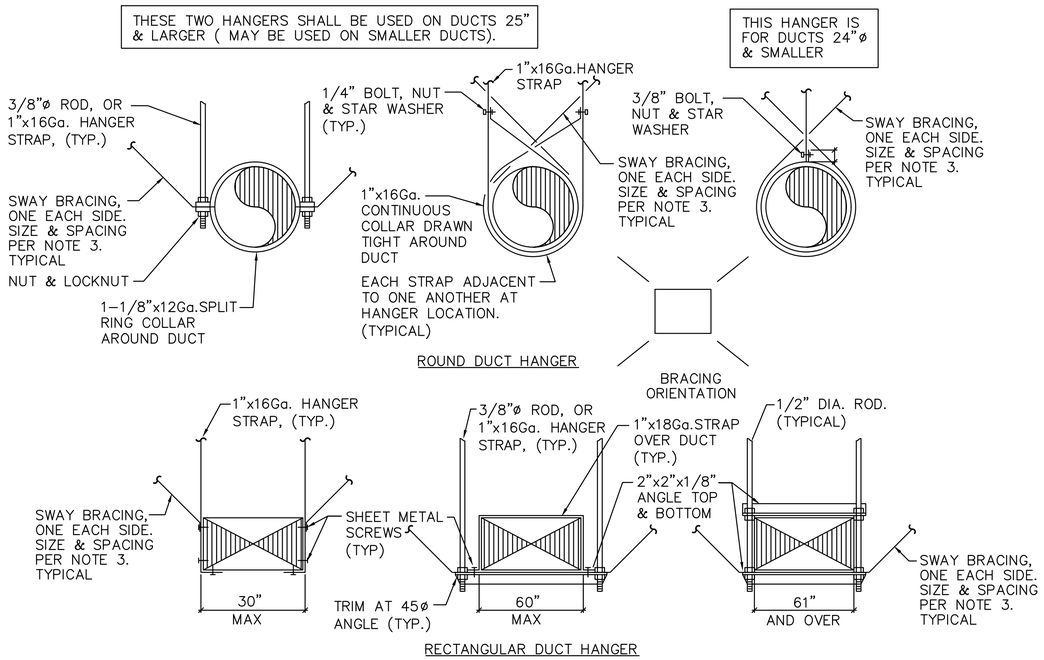
SCALE 8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
VZ	M6.1	DETAILS – MECHANICAL	638 / 182819
CADD: VZ			PMIS/PKG NO. 303051
TECH. REVIEW: MK		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 124 OF 200
DATE: 07-15-2022			

REGISTERED PROFESSIONAL ENGINEER RICHARD H. RUSSELL No. M31923 Exp. 12/31/22 MECHANICAL STATE OF CALIFORNIA

Signed: 7/21/22

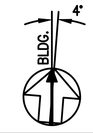


DUCT SUPPORT

SCALE: NO SCALE

NOTES:

1. REFER TO SPECIFICATIONS FOR HANGER SPACINGS.
2. ATTACHMENTS TO OVERHEAD STRUCTURE SHALL BE MADE IN ACCORDANCE WITH STRUCTURAL ENGINEERS REQUIREMENTS AND WEIGHT LIMITATIONS. ALL ATTACHMENT METHODS TO STRUCTURE SHALL BE SUBMITTED TO ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW.
3. PROVIDE SWAY & SEISMIC BRACING PER THE LATEST EDITION OF CALIFORNIA BUILDING CODE. INDICATE LOCATIONS OF SEISMIC BRACING ON THE SHOP DRAWING SUBMITTALS.
4. HANGER MATERIAL SUPPORTING FLEXIBLE DUCT SHALL IN NO CASE BE LESS THAN 1-1/2 INCHES WIDE. FLEXIBLE DUCT SHALL BE SUPPORTED PER MANUFACTURER'S RECOMMENDED MATERIALS, BUT AT NO GREATER DISTANCE THAN 4 FEET MAX. PERMISSIBLE SAG IS 1/2 INCHES PER FOOT OF SPACING BETWEEN SUPPORTS.



SCALE 8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

Signed: 7/21/22

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
VZ	M6.2	DETAILS – MECHANICAL	638 / 182819
CADD: VZ			PMIS/PKG NO. 303051
TECH. REVIEW: MK		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 125 OF 200
DATE: 07-15-2022			

PLUMBING SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

(E)	EXISTING
(N)	NEW
(D)	DEMOLISH
@	AT
FT, '	FOOT, FEET
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BLDG	BUILDING
CD	CONDENSATE DRAIN
CFH	CUBIC FEET PER HOUR
CFS	CUBIC FEET PER SECOND
CO	CLEANOUT
CONT.	CONTINUATION
CV	CHECK VALVE
CW	COLD WATER
DCVA	DOUBLE CHECK VALVE ASSEMBLY
DET	DOMESTIC EXPANSION TANK
DF	DRINKING FOUNTAIN
DFU	DRAINAGE FIXTURE UNIT
DN	DOWN
DS	DOWNSPOUT
DSN	DOWNSPOUT NOZZLE
DW	DISHWASHER, DOMESTIC WATER
DWV	DRAINAGE, WASTE AND VENT
EWH	ELECTRIC WATER HEATER
F	FIRE, FAHRENHEIT
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FFE	FINISHED FLOOR ELEVATION
FL	FLOOR
FT	FEET
FV	FLUSH VALVE
GPM	GALLONS PER MINUTE
GWH	GAS WATER HEATER
HB	HOSE BIBB
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HW	HOT WATER
HWFU	HOT WATER FIXTURE UNIT
HWR	HOT WATER RETURN
IN, "	INCHES
INV	INVERT ELEVATION
IW	INDIRECT WASTE
KS	KITCHEN SINK
L	LAVATORY
MIN	MINIMUM
MS	MOP SINK
N	NORTH
NIC	NOT IN CONTRACT
NO.	NUMBER
NTS	NOT TO SCALE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
P	PLUMBING, PUMP
PLBG	PLUMBING
POC	POINT OF CONNECTION
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
RWL	RAINWATER LEADER
S, SK	SINK
SA	SHOCK ARRESTOR
SAN	SANITARY
SD	STORM DRAIN
SF	SQUARE FEET
SH	SHOWER
SHT	SHEET
SOV	SHUT OFF VALVE
SP	SUMP PUMP, STATIC PRESSURE
TEMP	TEMPERATURE
TP	TRAP PRIMER, TOTAL PRESSURE
TYP	TYPICAL
U, UR	URINAL
UON	UNLESS OTHERWISE NOTED
V	VACUUM, VENT, VOLT
VTR	VENT THRU ROOF
W/	WITH
W	WASTE
WC	WATER COLUMN, WATER CLOSET
WCO	WALL CLEANOUT
WH	WATER HEATER, WALL HYDRANT
WHA	WATER HAMMER ARRESTOR
WSFU	WATER SUPPLY FIXTURE UNIT

Piping Fittings

- AQUASTAT
- AD — AREA DRAIN
- CAP
- COTG — CLEANOUT TO GRADE
- DSN — DOWNSPOUT NOZZLE
- FCO — FLOOR CLEANOUT
- FD — FLOOR DRAIN
- FS — FLOOR SINK
- FLOW DIRECTION
- HOSE BIBB / WALL HYDRANT
- PIPE DROP
- PIPE RISE
- STRAINER
- T&P RELIEF VALVE WITH PIPE TO DRAIN
- TEE DOWN ON PIPE
- TEE UP ON PIPE
- TRAP PRIMER
- VTR — VENT THROUGH ROOF
- WCO — WALL CLEANOUT
- WATER HAMMER ARRESTER

General

- NEW WORK
- PIPE OR CONDUIT BELOW GRADE
- CONTINUATION
- XX-X LOCATION — EQUIPMENT IDENTIFICATION
- EXTENT OF DEMOLITION
- X — FIXTURE TAG (LEVEL BELOW FIXTURE)
- X — KEYED NOTE
- POINT OF CONNECTION

Piping Systems

- COLD WATER PIPING
- D — CONDENSATE / INDIRECT DRAIN PIPING
- HOT WATER PIPING
- HOT WATER RETURN PIPING
- OD — OVERFLOW DRAIN PIPING ABOVE GRADE OR FINISHED FLOOR
- SANITARY VENT PIPING
- SANITARY WASTE OR SOIL PIPING ABOVE GRADE OR FINISHED FLOOR
- SANITARY WASTE OR SOIL PIPING BELOW GRADE OR FINISHED FLOOR
- SD — STORM DRAIN PIPING ABOVE GRADE OR FINISHED FLOOR
- SD — STORM DRAIN PIPING BELOW GRADE OR FINISHED FLOOR
- TP — TRAP PRIMER PIPING

Valves

- CHECK VALVE
- SHUTOFF VALVE, GENERAL

GENERAL PLUMBING NOTES

A. ALL WORK UNDER THIS CONTRACT SHALL CONFORM TO THE CURRENT STATE, COUNTY AND NATIONAL CODES AND STANDARDS ADOPTED BY THE LOCAL JURISDICTIONS INCLUDING APPLICABLE AMENDMENTS.

B. COORDINATE INSTALLATION OF PIPING, FIXTURES, EQUIPMENT AND THE LIKE BELOW AND ABOVE GRADE WITH STRUCTURAL COMPONENTS AND OTHER SYSTEMS INSTALLATION.

C. COORDINATE FIXTURES, EQUIPMENT, PIPE ROUGH-IN/CONNECTION LOCATIONS AND DRAIN LOCATIONS WITH ARCHITECTURAL DRAWINGS.

D PROVIDE WATER HAMMER ARRESTERS TO DOMESTIC WATER LINES SERVICE QUICK ACTING VALVES PER LATEST VERSION OF INTERNATIONAL PLUMBING CODE.
1. FLUSH VALVES.
2. SOLENOID VALVES TO ICE MAKERS AND DISHWASHER.
3. SENSOR FAUCETS.
4. SINGLE HANDLE FAUCETS.
5. SINGLE HANDLE SHOWER VALVES.

E. EXCEPT FOR SHOWER DRAINS, ALL FLOOR DRAINS, FLOOR SINKS, AND OTHER INDIRECT WASTE RECEPTORS DIRECTLY CONNECTED TO THE DRAINAGE SYSTEM SHALL BE PROVIDED WITH AN 1/2" TRAP PRIMER.

F. PERMANENT VACUUM BREAKERS SHALL BE INCLUDED IN ALL HOSE BIBS.

G. SEWER VENTS SHALL TERMINATE AT LEAST 10 FEET HORIZONTALLY FROM AND AT LEAST 3 FEET ABOVE OPEN ABLE WINDOW, DOOR OPENING, AIR INTAKE OR VENT SHAFT.

H. PRIOR TO BEING CONCEALED, PIPING PENETRATIONS AT THE FIRE RESISTIVE ASSEMBLIES SHALL BE INSPECTED TO VERIFY COMPLIANCE WITH THE FIRE RESISTANCE RATING.

I. INDIRECT WASTE SHALL DISCHARGE TO THE BUILDING DRAINAGE THROUGH AN APPROVED AIR GAP OR AIR BREAK WITH A MINIMUM 2" DISTANCE FROM THE LOWEST POINT OF INDIRECT PIPE TO THE FLOOD LEVEL RIM OF THE RECEPTOR.

J. COORDINATE PLUMBING SYSTEMS WITH WORK OF OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS AS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.

K. COORDINATE LOCATIONS OF ALL ROOF OPENINGS WITH STRUCTURAL, MECHANICAL, AND ARCHITECTURAL PLANS PRIOR TO ANY INSTALLATION.

L. ROOF VENTS SHALL BE PROVIDED WITH VANDAL RESISTANT CAPS.

SHEET INDEX

REGISTERED PROFESSIONAL ENGINEER RICHARD H. RUSSELL No. M31923 Exp:03/31/23 STATE OF CALIFORNIA MECHANICAL

Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: CADD TECH. REVIEW: DATE: 2022-07-15	SUB SHEET NO. P0.1	TITLE OF SHEET: SYMBOLS LIST & GENERAL NOTES – PLUMBING SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638/182819 PMIS/PKG NO. 303051 SHEET 126 OF 200

WATER SERVICE CALCULATIONS (BARN)
(BASED ON TABLE E103.3(2))

FIXTURE QUANTITY	DESCRIPTION	FIXTURE UNITS				
		PRIVATE USE	PUBLIC USE	COLD WATER	HOT WATER	TOTAL WATER
1	DISHWASHING MACHINE, PRIVATE	1.40	1.00	0.00	2.40	2.40
1	KITCHEN SINK(PUBLIC)	0.00	4.00	3.00	3.00	4.00
4	LAVATORY, PUBLIC	0.00	2.00	6.00	6.00	8.00
1	SERVICE SINK OR MOP BASIN	0.00	3.00	2.25	2.25	3.00
2	URINAL, PUBLIC, 3/4" FLUSH VALVE	0.00	5.00	10.00	0.00	10.00
4	WATER CLOSET PUBLIC, FLUSH VALVE	0.00	10.00	40.00	0.00	40.00
	TOTAL			61.25	13.65	67.40
	FLOW IN GPM			56	11	
	IRRIGATION FLOW IN GPM			0	0	
	TOTAL GPM REQUIRED			56	11	58
	SERVICE SIZE FROM METER TO BUILDING			2"		

WATER SERVICE CALCULATIONS (RESTROOM)
(BASED ON TABLE E103.3(2))

FIXTURE QUANTITY	DESCRIPTION	FIXTURE UNITS				
		PRIVATE USE	PUBLIC USE	COLD WATER	HOT WATER	TOTAL WATER
0	DISHWASHING MACHINE, PRIVATE	1.40	1.00	0.00	0.00	0.00
0	KITCHEN SINK(PUBLIC)	0.00	4.00	0.00	0.00	0.00
10	LAVATORY, PUBLIC	0.00	2.00	15.00	15.00	20.00
1	SERVICE SINK OR MOP BASIN	0.00	3.00	2.25	2.25	3.00
6	URINAL, PUBLIC, 3/4" FLUSH VALVE	0.00	5.00	30.00	0.00	30.00
23	WATER CLOSET PUBLIC, FLUSH VALVE	0.00	10.00	230.00	0.00	230.00
	TOTAL			277.25	17.25	283.00
	FLOW IN GPM			108	13	
	IRRIGATION FLOW IN GPM			0	0	
	TOTAL GPM REQUIRED			108	13	109
	SERVICE SIZE FROM METER TO BUILDING			3"		

SANITARY DRAINAGE CALCULATIONS (PAVILION)
TABLE 709.1 AND 710.1(1)

FIXTURE COUNT	DESCRIPTION	FIXTURE UNITS	TOTAL UNITS
1	DISHWASHING MACHINE, DOMESTIC	2.00	2.00
3	FLOOR DRAINS	2.00	6.00
1	KITCHEN SINK, DOMESTIC WITH FOOD WASTE GRINDER AND/OR DISHWASHER	2.00	2.00
4	LAVATORY	1.00	4.00
1	SERVICE SINK	2.00	2.00
2	URINAL	4.00	8.00
4	WATER CLOSET, PRIVATE (FLUSHING GREATER THAN 1.6 GPF)	4.00	16.00
	TOTAL		40.00
	PIPE SIZE		4"

WATER SERVICE CALCULATIONS (PAVILION)
(BASED ON TABLE E103.3(2))

FIXTURE QUANTITY	DESCRIPTION	FIXTURE UNITS				
		PRIVATE USE	PUBLIC USE	COLD WATER	HOT WATER	TOTAL WATER
1.00	DISHWASHING MACHINE, PRIVATE	1.40	1.00	–	2.40	2.40
1.00	KITCHEN SINK(PUBLIC)	–	4.00	3.00	3.00	4.00
4.00	LAVATORY, PUBLIC	–	2.00	6.00	6.00	8.00
1.00	SERVICE SINK OR MOP BASIN	–	3.00	2.25	2.25	3.00
2.00	URINAL, PUBLIC, 3/4" FLUSH VALVE	–	5.00	10.00	–	10.00
4.00	WATER CLOSET PUBLIC, FLUSH VALVE	–	10.00	40.00	–	40.00
	TOTAL			61.25	13.65	67.40
	FLOW IN GPM			56.00	11.00	
	IRRIGATION FLOW IN GPM			–	–	
	TOTAL GPM REQUIRED			56.00	11.00	58.00
	SERVICE SIZE FROM METER TO BUILDING			2"		

SANITARY DRAINAGE CALCULATIONS (RESTROOM)
TABLE 709.1 AND 710.1(1)

FIXTURE COUNT	DESCRIPTION	FIXTURE UNITS	TOTAL UNITS
0	DISHWASHING MACHINE, DOMESTIC	2.00	0.00
4	FLOOR DRAINS	2.00	8.00
0	KITCHEN SINK, DOMESTIC WITH FOOD WASTE GRINDER AND/OR DISHWASHER	2.00	0.00
9	LAVATORY	1.00	9.00
1	SERVICE SINK	2.00	2.00
6	URINAL	4.00	24.00
23	WATER CLOSET, PRIVATE (FLUSHING GREATER THAN 1.6 GPF)	4.00	92.00
	TOTAL		135.00
	PIPE SIZE		4"

SANITARY DRAINAGE CALCULATIONS (BARN)
TABLE 709.1 AND 710.1(1)

FIXTURE COUNT	DESCRIPTION	FIXTURE UNITS	TOTAL UNITS
1	DISHWASHING MACHINE, DOMESTIC	2.00	2.00
3	FLOOR DRAINS	2.00	6.00
1	KITCHEN SINK, DOMESTIC WITH FOOD WASTE GRINDER AND/OR DISHWASHER	2.00	2.00
4	LAVATORY	1.00	4.00
1	SERVICE SINK	2.00	2.00
2	URINAL	4.00	8.00
4	WATER CLOSET, PRIVATE (FLUSHING GREATER THAN 1.6 GPF)	4.00	16.00
	TOTAL		40.00
	PIPE SIZE		4"

REGISTERED PROFESSIONAL ENGINEER
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No. M31923
Exp:03/31/23
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STATE OF CALIFORNIA
Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD	P0.2	SCHEDULES – PLUMBING	638 / 182819
TECH. REVIEW:			PMIS/PKG NO. 303051
DATE: 2022-07-15		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 127 OF 200

PLUMBING FIXTURE SCHEDULE

			BASIS OF DESIGN			CONNECTION				
SYMBOL	FIXTURE TYPE	DESCRIPTION	MFR	MODEL	ACCESSORIES	W	V	CW	HW	NOTES
DF–1	DRINKING FOUNTAIN	HI–LO DRINKING FOUNTAIN WITH BOTTLE FILLING STATION	ELKAY	LZWS–EDFP217K	FILTER MODEL 51300C	2"	2"	1/2"	–	
FD–1	FLOOR DRAIN		JR SMITH	2005Y	–	3"	2"	–		PROVIDE WITH TRAP GUARD; SEE NOTE 2
FS–1	FLOOR SINK	CAST IRON RECEPTOR WITH SEEPAGE HOLES; ACID RESISTANT WITH SEDIMENT BUCKET	J.R. SMITH	3100Y	WITH 3/4" GRATE; TRAP PRIMER	3"	2"	–	–	PROVIDE WITH TRAP GUARD; SEE NOTE 2
HB–1	HOSE BIBB	ANTI SIPHON VACUUM BREAKER	WOODFORD	24	–	–	–	3/4"	–	
HB–2	HOSE BIBB	BOX ANTI SIPHON VACUUM BREAKER	WOODFORD	B24	–	–	–	3/4"	–	
IMB–1	ICE MACHINE BOX		SIOUX CHIEF	696–G1010MFS	WITH ARRESTER AND 6' BRAIDED SUPPLY LINE; STANDARD PACK	–	–	1/2"	–	
KS–1	SINK (ADA)	COUNTER MOUNTED, STAINLESS STEEL, ONE HOLE, CENTER DRAIN	JUST	SL–ADA–1921–A–GR	KOHLER K–596 FAUCET @ 1.8 GPM	2"	2"	3/4"	3/4"	SEE NOTE 1 BELOW
L–1	LAVATORY (ADA)	UNDERMOUNT LAVATORY	TOTO	LT587	FAUCET: SLOAN MODEL ETF–700–4–BOX–BDT–CP–0.5GPM; SENSOR; BATTERY; SINGLE HOLE; 0.5 GPM	2"	2"	1/2"	1/2"	
JS–1	MOP SINK	DROP FRONT MOP RECEPTOR	FLORESTONE	96	PROVIDE WITH MR–370 HOSE; MR–372 HANGER AND MR–375 HANGER. PROVIDE WITH SPEAKMAN FAUCET MODEL SC–5812	3"	2"	3/4"	3/4"	
UR–1	URINAL	0.125–1.0 GPF, WALL HUNG, WHITE VITREOUS CHINA	AMERICAN STANDARD	6590.001	FLUSH VALVE: TOTO MODEL TEU1UA12; 0.5 GPF; HIGH EFFICIENCY; ECOPOWER	2"	2"	3/4"	–	
UR–2	URINAL (ADA)	SAME AS UR–1 EXCEPT MOUNT PER ADA	AMERICAN STANDARD	6590.001	FLUSH VALVE: TOTO MODEL TEU1UA12; 0.5 GPF; HIGH EFFICIENCY; ECOPOWER	2"	2"	3/4"	–	
WHA–1	WATER HAMMER ARRESTER		SIOUX CHIEF	650	–	–	–	1/2"	–	
WC–1	WATER CLOSET	WALL MOUNTED, ELONGATED TOILET; SANAGLOSS CERAMIC GLAZE	TOTO	CT708EG	FLUSH VALVE: TOTO MODEL TET1LA; 1.28 GPF; HIGH EFFICIENCY; ECOPOWER SEAT: TOTO MODEL SC534	4"	2"	1 1/4"	–	–
WC–2	WATER CLOSET (ADA)	WALL MOUNTED, ELONGATED TOILET; SANAGLOSS CERAMIC GLAZE	TOTO	CT708EG	FLUSH VALVE: TOTO MODEL TET1LA; 1.28 GPF; HIGH EFFICIENCY; ECOPOWER SEAT: TOTO MODEL SC534	4"	2"	1 1/4"	–	–

NOTES:

1. PROVIDE WITH GARBAGE DISPOSER: INSINKERATOR MODEL EVOLUTION SERIES (3/4 HP, 120 V, 8.1 A). COORDINATE WITH ELECTRICAL FOR POWER CONNECTION
2. IF TRAP GUARD IS NOT POSSIBLE, PROVIDE TRAP PRIMER (MIFAB MODEL MR–500)

WATER HEATER SCHEDULE

			BASIS OF DESIGN			ELECTRICAL				
SYMBOL	EQUIPMENT TYPE	LOCATION / SERVING	MFR	MODEL	TANK CAPACITY (GALLONS)	VOLTS	PH	AMPS	KW	COMMENTS
EWH–1	ELECTRIC WATER HEATER	BARN / RESTROOM / KITCHEN	LOCHINVAR	EST050PD	50	208	3	–	6	25 GPH RECOVERY @ 100°F RISE; EXPANSION TANK: B&G MODEL PT–12
EWH–2	ELECTRIC WATER HEATER	PAVILION / RESTROOM / KITCHEN	LOCHINVAR	EST050PD	50	208	3	–	6	25 GPH RECOVERY @ 100°F RISE; EXPANSION TANK: B&G MODEL PT–12
EWH–3	ELECTRIC WATER HEATER	RESTROOM	LOCHINVAR	EST030MD	30	208	3	–	5	21 GPH RECOVERY @ 100°F RISE; EXPANSION TANK: B&G MODEL PT–12

NOTES:

1. PROVIDE MAIN THERMOSTATIC MIXING VALVE FOR EACH WATER HEATERS; POWERS MODEL LFSH1432; 1 GPM MIN. FLOW AND 19 GPM MAX. FLOW AT 5 PSI DROP

PUMP SCHEDULE

			BASIS OF DESIGN					ELECTRICAL				
SYMBOL	EQUIPMENT TYPE	LOCATION / SERVING	MFR	MODEL	FLOW RATE (GPM)	HEAD (FT H2O)	RPM	VOLTS	PH	AMPS	WATTS	COMMENTS
CP–1	CIRCULATING PUMP	BARN / EWH–1	BELL & GOSSETT	NBF–9U/LW	0.75	3	2800	115	1	0.4	41	1
CP–2	CIRCULATING PUMP	PAVILION / EWH–2	BELL & GOSSETT	NBF–9U/LW	0.75	3	2800	115	1	0.4	41	1
CP–3	CIRCULATING PUMP	RESTROOM / EWH–3	BELL & GOSSETT	NBF–9U/LW	1	5	2800	115	1	0.4	41	1

NOTES: 1. PROVIDE WITH TIMER AND AQUASTAT

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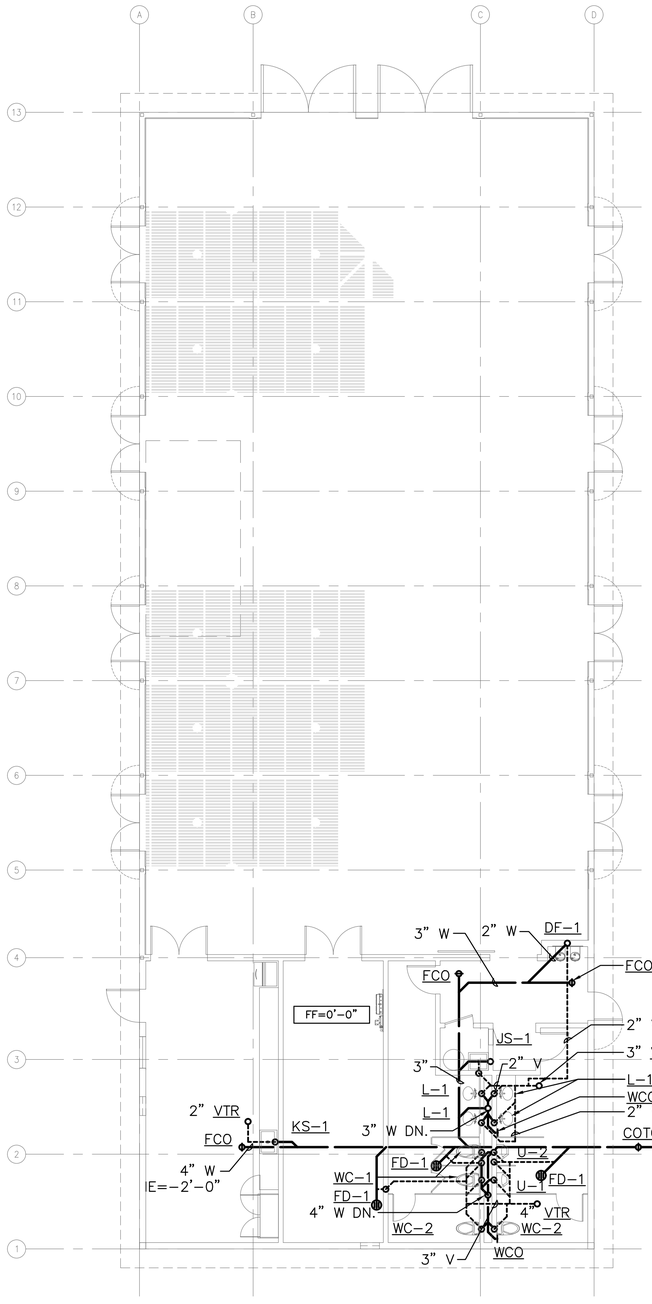
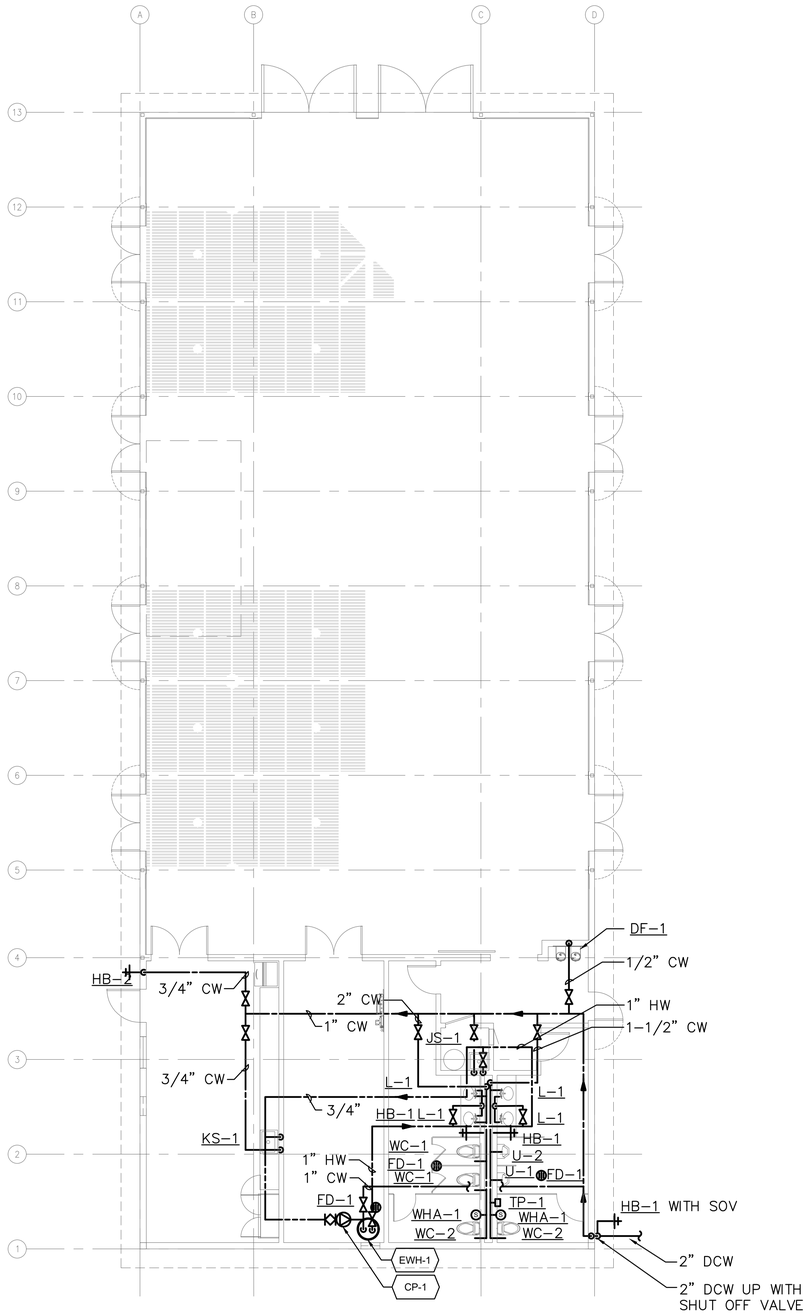
DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD	P0.3	SCHEDULES – PLUMBING	638 182819
TECH. REVIEW:			PMIS/PKG NO. 303051
DATE: 2022–07–15		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 128 OF 200



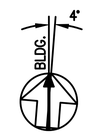
1 P2.0 BARN FIRST FLOOR PLAN – SANITARY AND VENT – PLUMBING
SCALE: Ⓚ 1/8" = 1'-0"



2 P2.0 BARN FIRST FLOOR PLAN – WATER SUPPLY – PLUMBING
SCALE: Ⓚ 1/8" = 1'-0"

GENERAL PLUMBING SHEET NOTES

A. SEE PLUMBING FIXTURES SCHEDULE FOR ROUGH-IN PIPE SIZE OF SANITARY, VENT AND WATER SUPPLY.

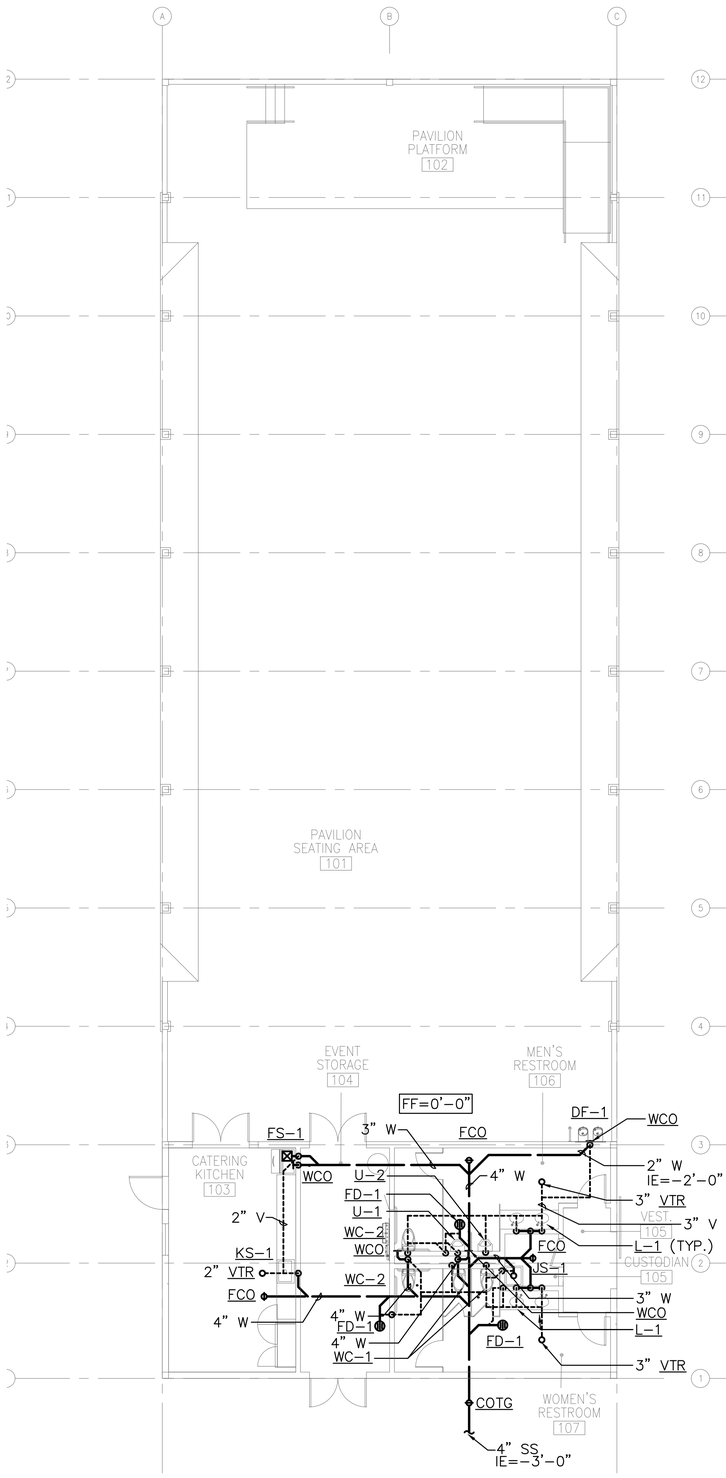


SCALE Ⓚ 8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

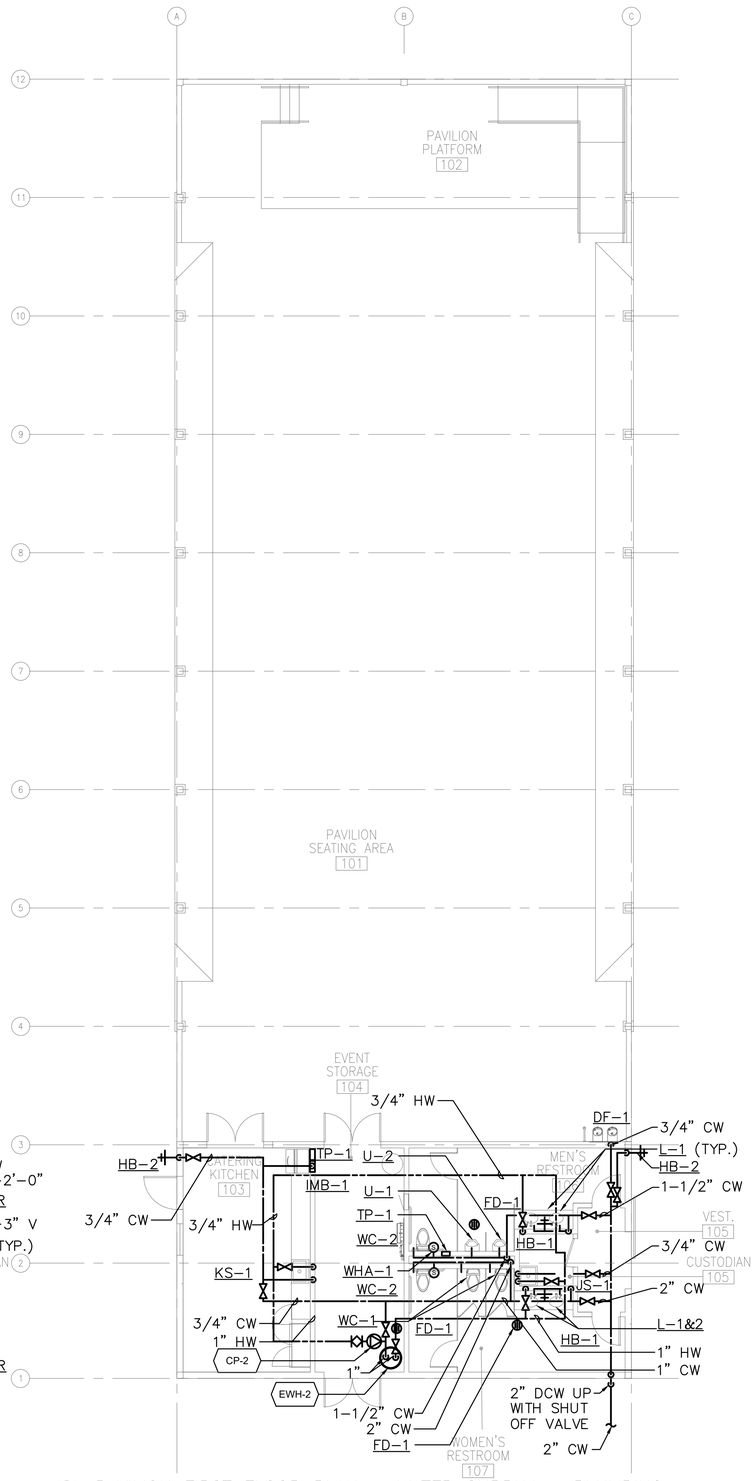
REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
Exp: 03/31/23
MECHANICAL
STATE OF CALIFORNIA
Signed: 7/21/22

DESIGNED: CADD TECH. REVIEW: DATE: 2022-07-15	SUB SHEET NO. P2.0	TITLE OF SHEET BARN BUILDING FLOOR PLAN – PLUMBING SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 129 OF 200



1 P2.2 PAVILION FIRST FLOOR PLAN – WASTE & VENT – PLUMBING

SCALE: Ⓚ 1/8" = 1'-0"

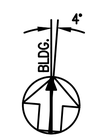


2 P2.2 PAVILION FIRST FLOOR PLAN – WATER SUPPLY – PLUMBING

SCALE: Ⓚ 1/8" = 1'-0"

GENERAL PLUMBING SHEET NOTES

A. SEE PLUMBING FIXTURES SCHEDULE FOR ROUGH-IN PIPE SIZE OF SANITARY, VENT AND WATER SUPPLY.



SCALE Ⓚ 8 0 8 16
SCALE OF FEET

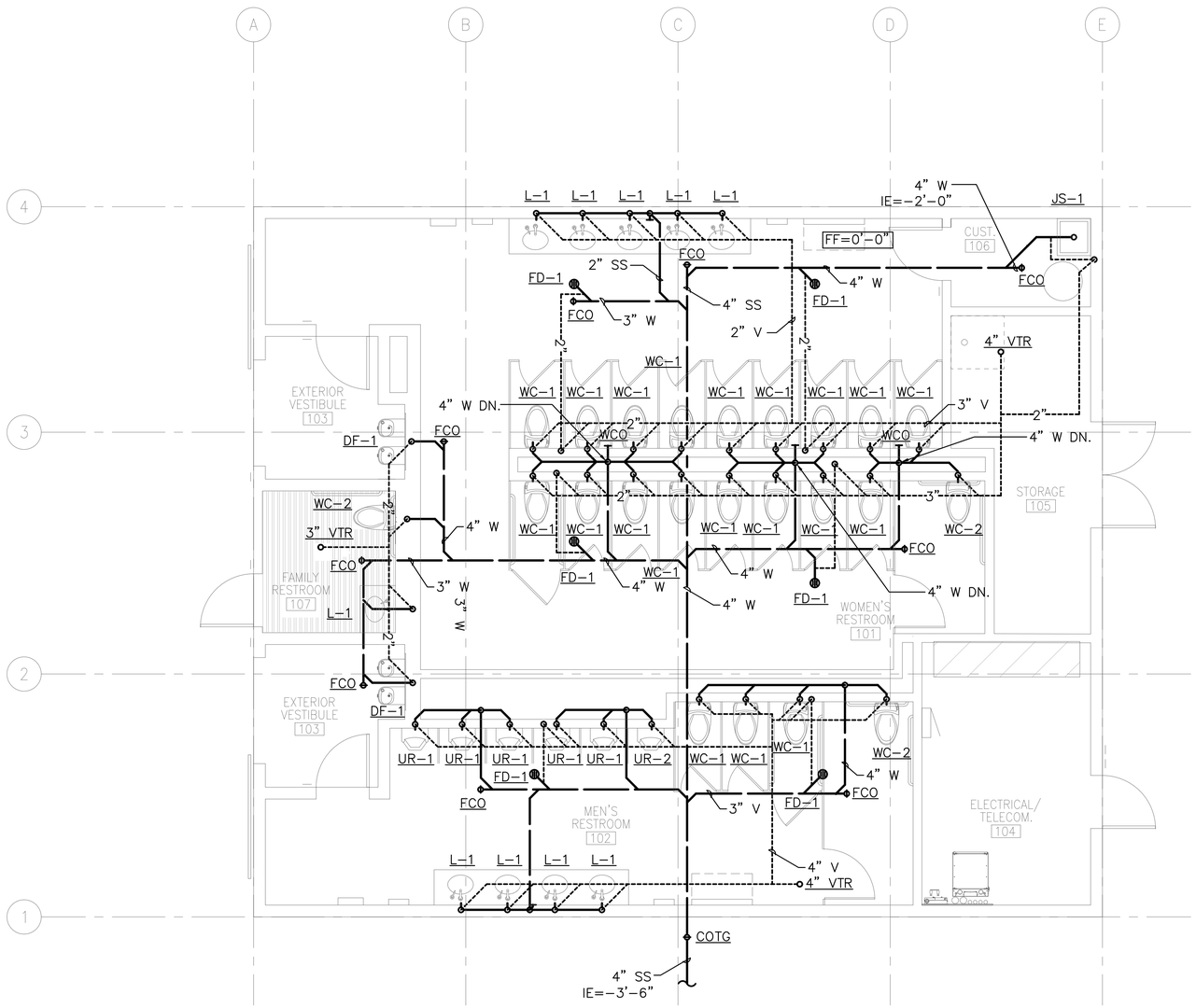
Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: CADD	SUB SHEET NO. P2.2	TITLE OF SHEET: PAVILION BUILDING FLOOR PLAN – PLUMBING	DRAWING NO. 638 182819
TECH. REVIEW:		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	PMIS/PKG NO. 303051
DATE: 2022-07-15			SHEET 130 OF 200

GENERAL PLUMBING SHEET NOTES

A. SEE PLUMBING FIXTURES SCHEDULE FOR ROUGH–IN PIPE SIZE OF SANITARY, VENT AND WATER SUPPLY.



1 P2.4A RESTROOM BUILDING – WASTE & VENT – PLUMBING
SCALE: Ⓚ 1/4" = 1'–0"

BLDG. 4°

SCALE Ⓚ 8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

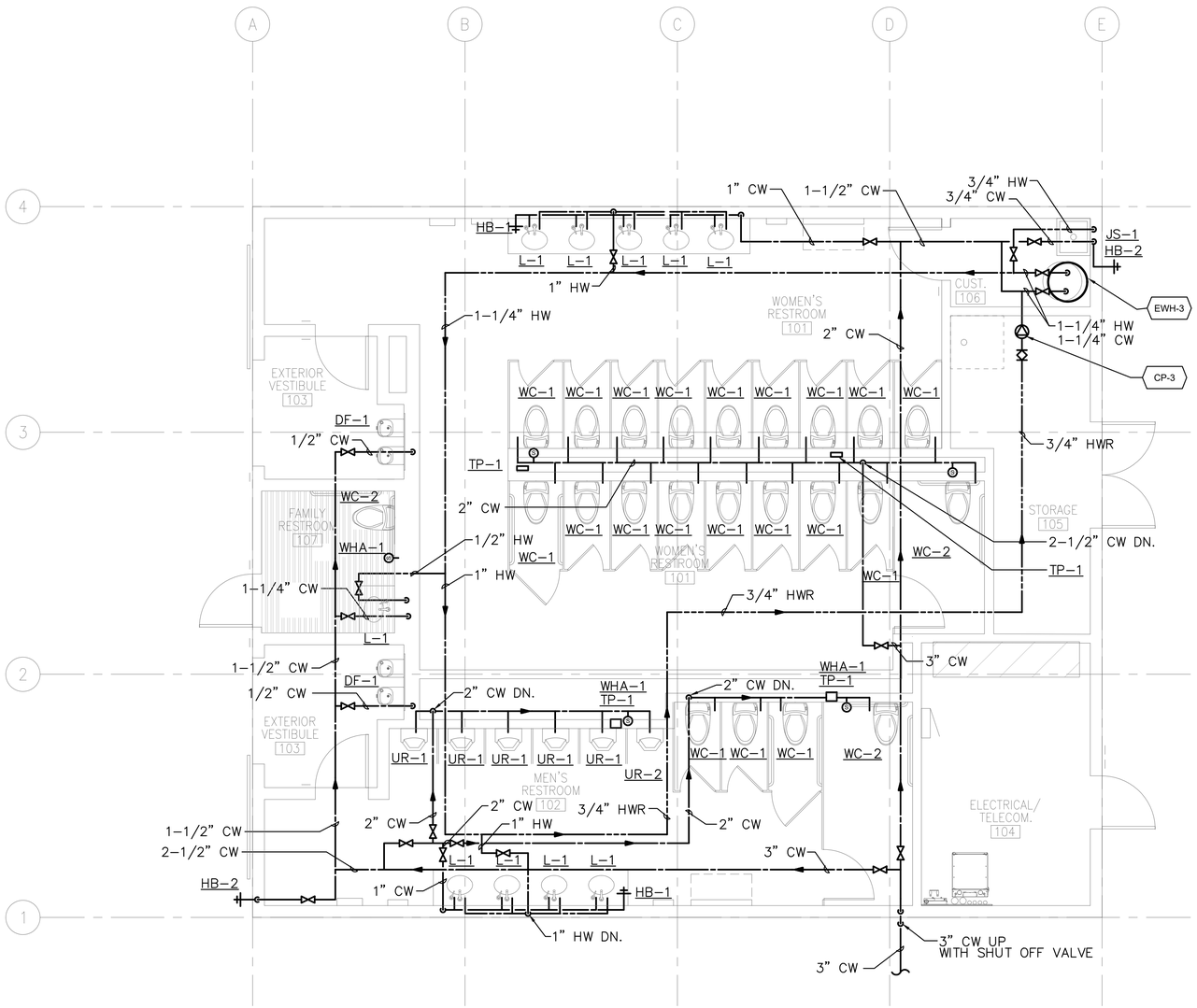
REGISTERED PROFESSIONAL ENGINEER RICHARD H. RUSSELL No. M31923 Exp: 03/31/23 MECHANICAL STATE OF CALIFORNIA
Signed: 7/21/22

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD	P2.4A	RESTROOM BUILDING (WASTE & VENT) FLOOR PLAN – PLUMBING SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	638 182819
TECH. REVIEW:			PMIS/PKG NO. 303051
DATE: 2022–07–15			SHEET 131 OF 200

FILE: P2.4A_P2.4B.DWG – P2.4A | EDIT: 7/21/2022 6:49 PM BY ADRIANEC | PLOT: 7/21/2022 6:51 PM BY ADRIANE CABLING

GENERAL PLUMBING SHEET NOTES

A. SEE PLUMBING FIXTURES SCHEDULE FOR ROUGH-IN PIPE SIZE OF SANITARY, VENT AND WATER SUPPLY.



1 P2.4B RESTROOM BUILDING – WATER SUPPLY – PLUMBING

SCALE: Ⓚ 1/8" = 1'-0"

BLDG. 4°

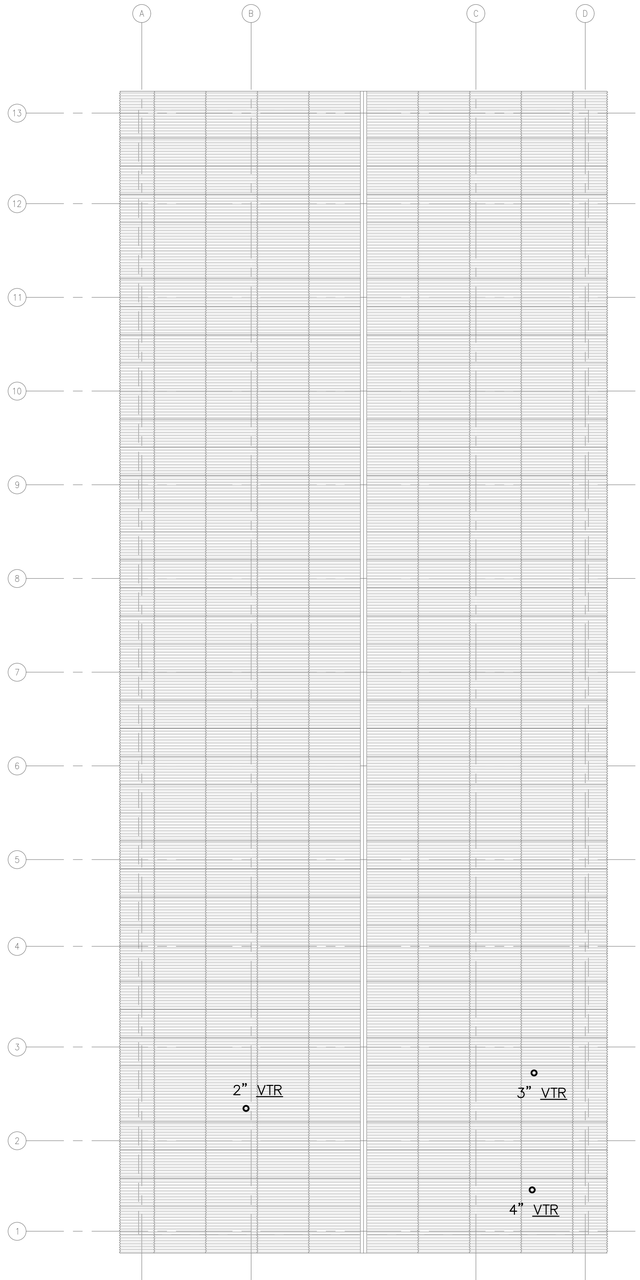
SCALE Ⓚ 8 0 8 16 SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

REGISTERED PROFESSIONAL ENGINEER RICHARD H. RUSSELL No. M31923 Exp: 03/31/23 MECHANICAL STATE OF CALIFORNIA

Signed: 7/21/22

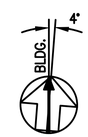
DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD	P2.4B	RESTROOM BUILDING (WATER SUPPLY) FLOOR PLAN – PLUMBING SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	638 182819
TECH. REVIEW:			PMIS/PKG NO. 303051
DATE: 2022-07-15			SHEET 132 OF 200



1 P2.10 BARN ROOF PLAN – PLUMBING
SCALE: Ⓚ 1/8" = 1'-0"

GENERAL PLUMBING SHEET NOTES

A. SEE ARCHITECTURAL DRAWINGS FOR DOWNSPOUT LOCATION AND SIZE. DOWNSPOUT TO SPILL ON THE GROUND WITH SPLASHBLOCK.

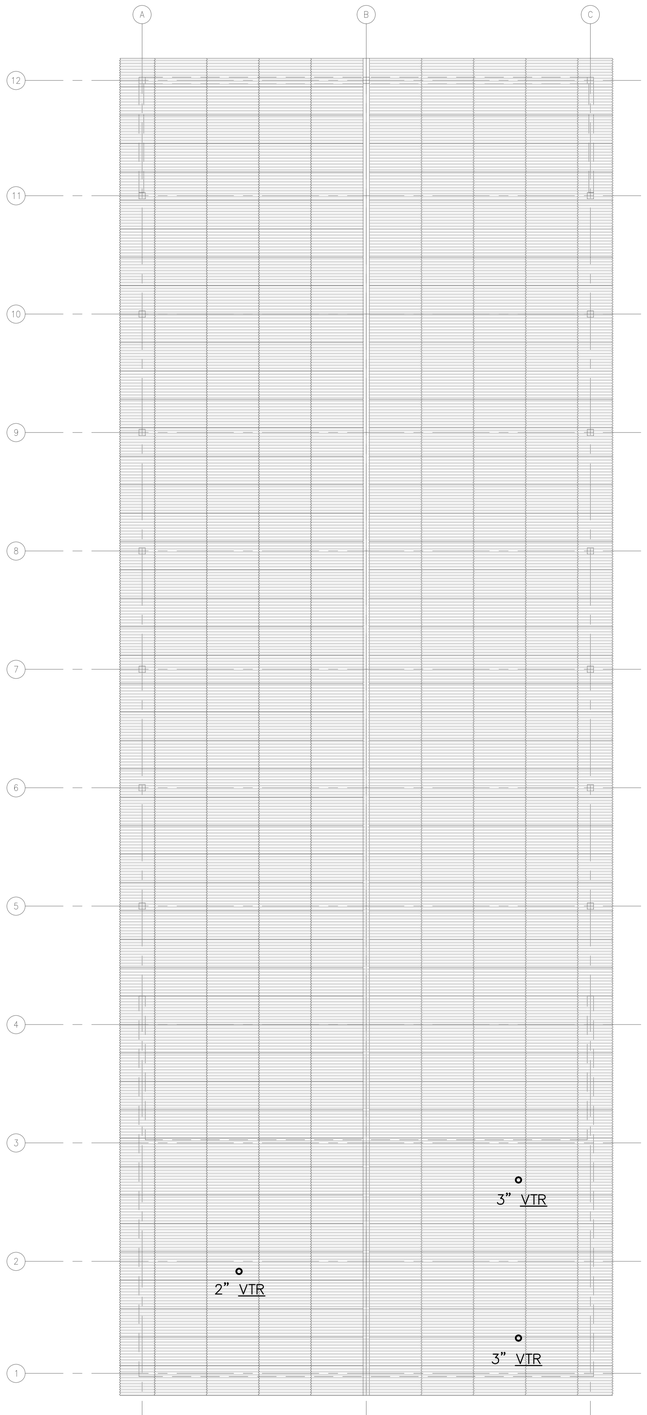


SCALE Ⓚ 8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
Exp: 03/31/23
MECHANICAL
STATE OF CALIFORNIA
Signed: 7/21/22

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD	P2.10	BARN BUILDING ROOF PLAN – PLUMBING	638 / 182819
TECH. REVIEW:			PMIS/PKG NO. 303051
DATE: 2022-07-15		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 133 OF 200



1 P2.11 PAVILLION ROOF PLAN – PLUMBING
SCALE: Ⓚ 1/8" = 1'-0"

GENERAL PLUMBING SHEET NOTES

A. SEE ARCHITECTURAL DRAWINGS FOR DOWNSPOUT LOCATION AND SIZE. DOWNSPOUT TO SPILL ON THE GROUND WITH SPLASHBLOCK.

BLDG. 4°

SCALE Ⓚ 8 0 8 16
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

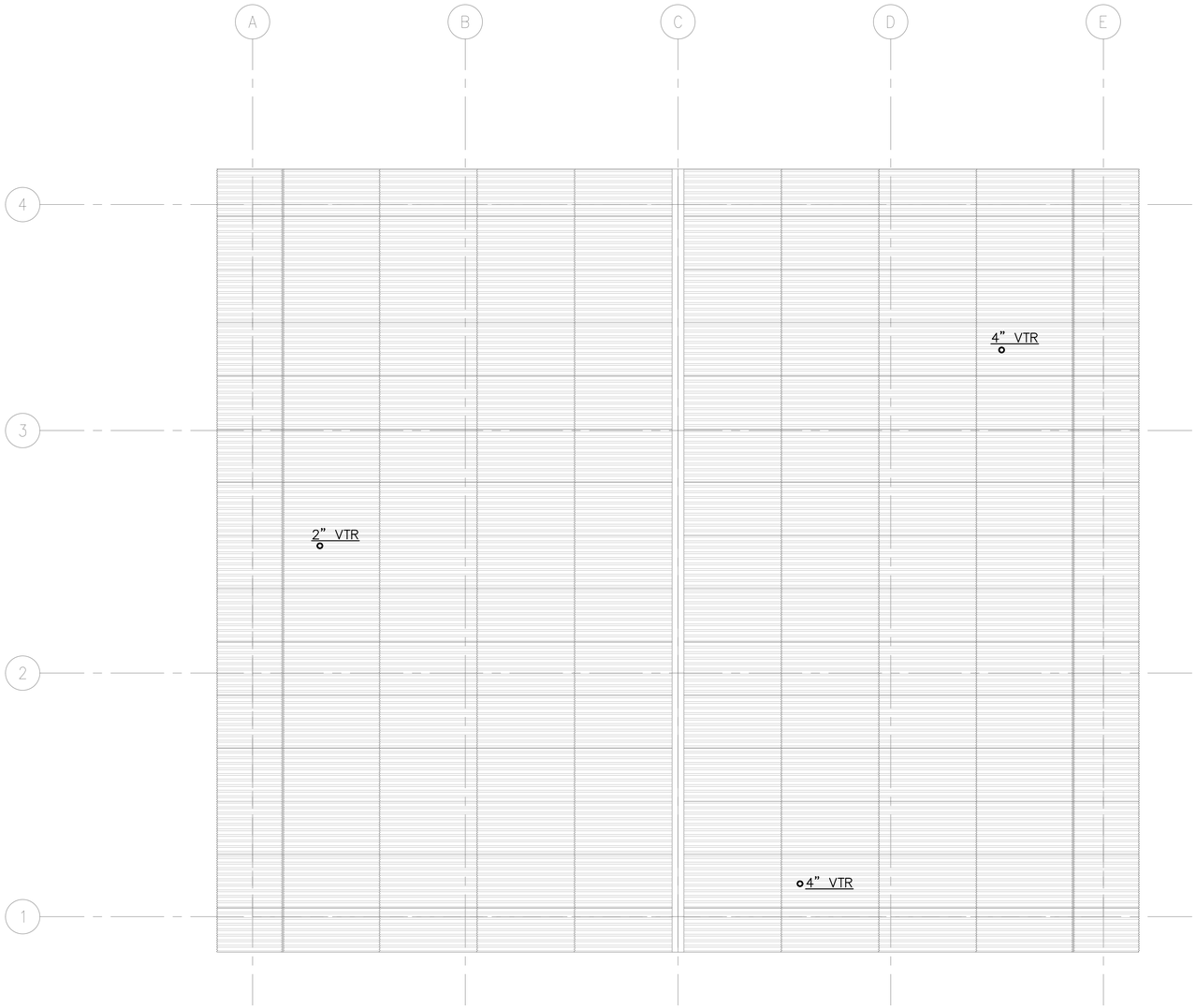
REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
Exp: 03/31/23
MECHANICAL
STATE OF CALIFORNIA
Signed: 7/21/22

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD	P2.11	PAVILLION BUILDING ROOF PLAN – PLUMBING	638 / 182819
TECH. REVIEW:			PMIS/PKG NO. 303051
DATE: 2022-07-15		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 134 OF 200

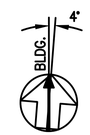
FILE: P2.11.DWG – P2.11 | EDIT: 7/21/2022 6:30 PM BY ADRIANEC | PLOT: 7/21/2022 6:31 PM BY ADRIANE CABLING

GENERAL PLUMBING SHEET NOTES

A. SEE ARCHITECTURAL DRAWINGS FOR DOWNSPOUT LOCATION AND SIZE. DOWNSPOUT TO SPILL ON THE GROUND WITH SPLASHBLOCK



1 P2.12 RESTROOM BUILDING ROOF PLAN – PLUMBING
SCALE: Ⓙ 1/4" = 1'-0"

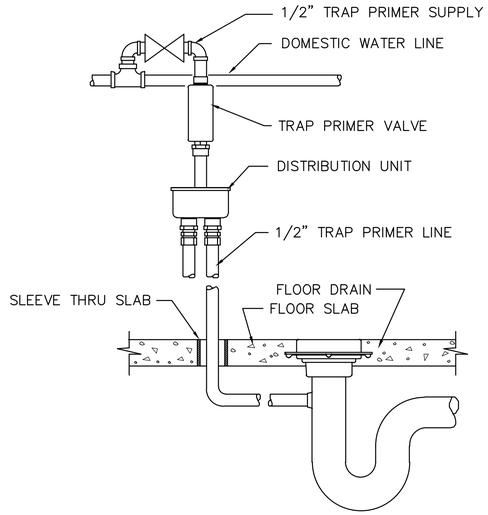


SCALE Ⓚ 8 0 8 16
SCALE OF FEET

REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
Exp 03/31/23
STRUCTURAL
STATE OF CALIFORNIA
Signed: 7/21/22

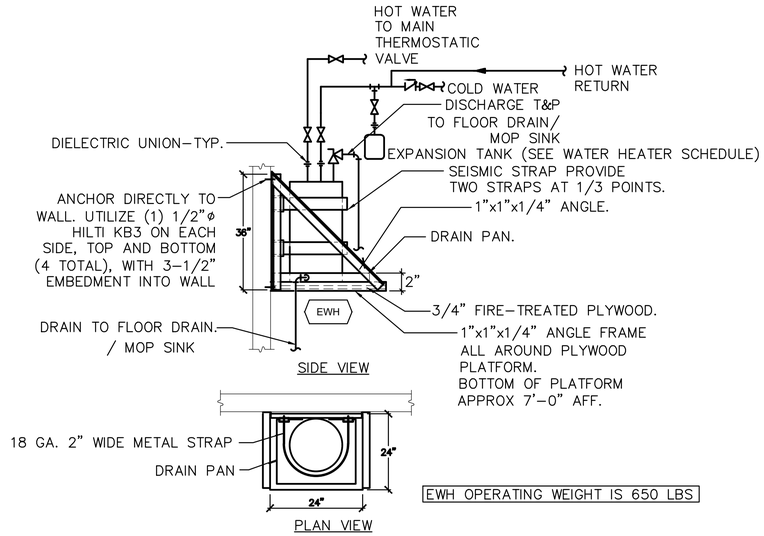
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD	P2.12	RESTROOM BUILDING ROOF PLAN – PLUMBING	638 182819
TECH. REVIEW:			PMIS/PKG NO. 303051
DATE: 2022-07-15		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 135 OF 200



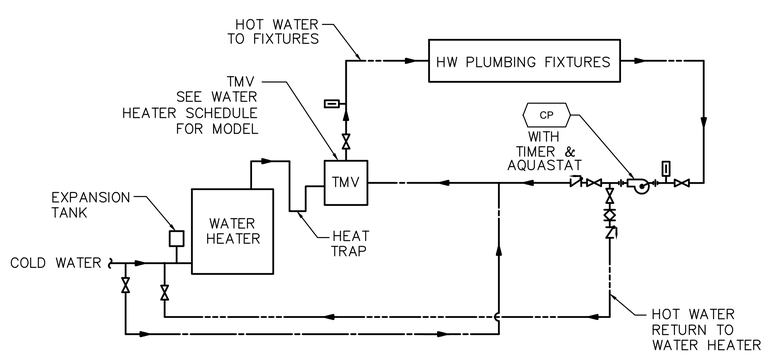
3 TRAP SEAL PRIMER DETAIL

NO SCALE



1 ELECTRIC WATER HEATER DETAIL

NO SCALE



2 THERMOSTATIC MIXING VALVE DIAGRAM

NO SCALE

REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
Exp: 03/31/23
MECHANICAL
STATE OF CALIFORNIA
Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD	P6.1	DETAILS – PLUMBING	638 / 182819
TECH. REVIEW:			PMIS/PKG NO. 303051
DATE: 2022–07–15		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 136 OF 200

FIRE ALARM SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

(E)	EXISTING
(F)	FUTURE
(N)	NEW
(R)	RELOCATE
(X)	DEMOLISH
C	CONDUIT, CLOSE, CONTROL
COORD	COORDINATE
DTL	DETAIL
DWG	DRAWING
E	EMERGENCY
EA	EACH
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
HH	HANDHOLE
HVLS	HIGH VOLUME LOW SPEED
KW	KILOWATT
MDP	MAIN DISTRIBUTION PANEL
MIN	MINIMUM
MISC	MISCELLANEOUS
MSB	MAIN SWITCHBOARD
MT, MTD	MOUNT, MOUNTED
N.I.C.	NOT IN CONTRACT
N/A	NOT APPLICABLE
NEC	NATIONAL ELECTRIC CODE
NTS	NOT TO SCALE
PB	PUSHBUTTON, PULLBOX
PH	PHASE
PNL	PANEL
REF	REFERENCE
REQD	REQUIRED
RFI	REQUEST FOR INFORMATION
SHT	SHEET
SIM	SIMILAR
SPKR	SPEAKER
STD	STANDARD
SWBD	SWITCHBOARD
TBD	TO BE DETERMINED
TYP	TYPICAL
V	VOLTS, VOLTAGE
VRFY	VERIFY
W/	WITH
W/O	WITHOUT
W	WIRE, WHITE

General

- DETAIL NUMBER AND SHEET LOCATION
- KEYED NOTE

Fire Alarm

- FACP — FIRE ALARM CONTROL PANEL, NOTIFIER NFS–320
- COMM — FIRE ALARM COMMUNICATOR, TELGUARD TG–7FS
- NAC — NOTIFICATION APPLIANCE CIRCUIT PANEL, NOTIFIER PSE–6
- P — PULL STATION, NOTIFIER NBG–12LX
- SMOKE DETECTOR, NOTIFIER FSP–951 WITH B300–6 BASE
- HEAT DETECTOR, NOTIFIER FST–951 WITH B300–6 BASE
- HORN/STROBE, WALL MOUNTED (# INDICATES MINIMUM CANDELA RATING), SYSTEM SENSOR P2WL
- HORN, WALL MOUNTED, SYSTEM SENSOR HWL
- STROBE, WALL MOUNTED (# INDICATES MINIMUM CANDELA RATING), SYSTEM SENSOR SWL
- WF — WATERFLOW SWITCH WITH MONITOR MODULE
- VS — VALVE SWITCH WITH MONITOR MODULE
- ACM — ADDRESSABLE CONTROL MODULE, NOTIFIER FCM–1
- AIM — ADDRESSABLE INPUT MODULE, NOTIFIER FMM–1
- AOM — ADDRESSABLE OUTPUT MODULE, NOTIFIER FRM–1

INPUT	OUTPUT	A: ACTUATE COMMON ALARM SIGNAL INDICATOR	B: ACTUATE AUDIBLE ALARM SIGNAL	C: ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	D: ACTUATE AUDIBLE SUPERVISORY SIGNAL	E: ACTUATE COMMON TROUBLE SIGNAL INDICATOR	F: ACTUATE COMMON TROUBLE SIGNAL	G: SHUT DOWN HVLS FANS	H: DISPLAY/PRINT CHANGE OF STATUS	I: TRANSMIT ALARM SIGNAL TO SUPERVISING STATION	J: TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION	K: TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION
PULL STATION	1	X	X					X	X	X		
SMOKE DETECTOR	2	X	X					X	X	X		
HEAT DETECTOR	3	X	X					X	X	X		
WATERFLOW SWITCH	4	X	X					X	X	X		
SPRINKLER VALVE SWITCH	5			X	X				X		X	
SPRINKLER DELUGE SYSTEM	6	X	X					X	X	X		
FIRE ALARM AC POWER FAILURE	7					X	X		X			X
FIRE ALARM SYSTEM LOW BATTERY	8					X	X		X			X
OPEN CIRCUIT	9					X	X		X			X
GROUND FAULT	10					X	X		X			X
NOTIFICATION APPLIANCE CIRCUIT SHORT	11					X	X		X			X

GENERAL FIRE ALARM NOTES

A. THE SCOPE OF THIS PROJECT IS TO PROVIDE A NEW, MANUAL AND AUTOMATIC, CLASS B, FIRE ALARM SYSTEM.

B. MANUAL PULL STATIONS ARE PROVIDED AT EACH BUILDING EXIT.

C. AUTOMATIC SMOKE AND HEAT DETECTORS ARE PROVIDED THROUGHOUT.

D. MONITOR MODULES ARE PROVIDED AT THE FIRE SPRINKLER RISER.

E. AUDIBLE AND VISIBLE NOTIFICATION APPLIANCES ARE LOCATED THROUGHOUT THE BUILDINGS.

FIRE ALARM WIRE SCHEDULE

SYMBOL	DESCRIPTION
A	1 PAIR 16 AWG, TWISTED PAIR
B	1 PAIR 14 AWG
C	1 PAIR 16 AWG, TWISTED PAIR, SUITABLE FOR WET LOCATION
D	1 PAIR 14 AWG, SUITABLE FOR WET LOCATION

NOTE: LETTER DESIGNATION INDICATES CABLE TYPE. NUMBER OF HASH MARKS INDICATES QUANTITY OF CABLES. E.G., –#– , INDICATES TWO, #16 CABLES. A

ADDRESS LEGEND

L1 M XXX

- XXX — DEVICE ADDRESS (001–159)
- M — (M) MODULE (D) DETECTOR
- L1 — SLC LOOP

SHEET INDEX

REGISTERED PROFESSIONAL ENGINEER — THOMAS B. JUN — No. E19320 Exp. 12/31/22 — ELECTRICAL — STATE OF CALIFORNIA

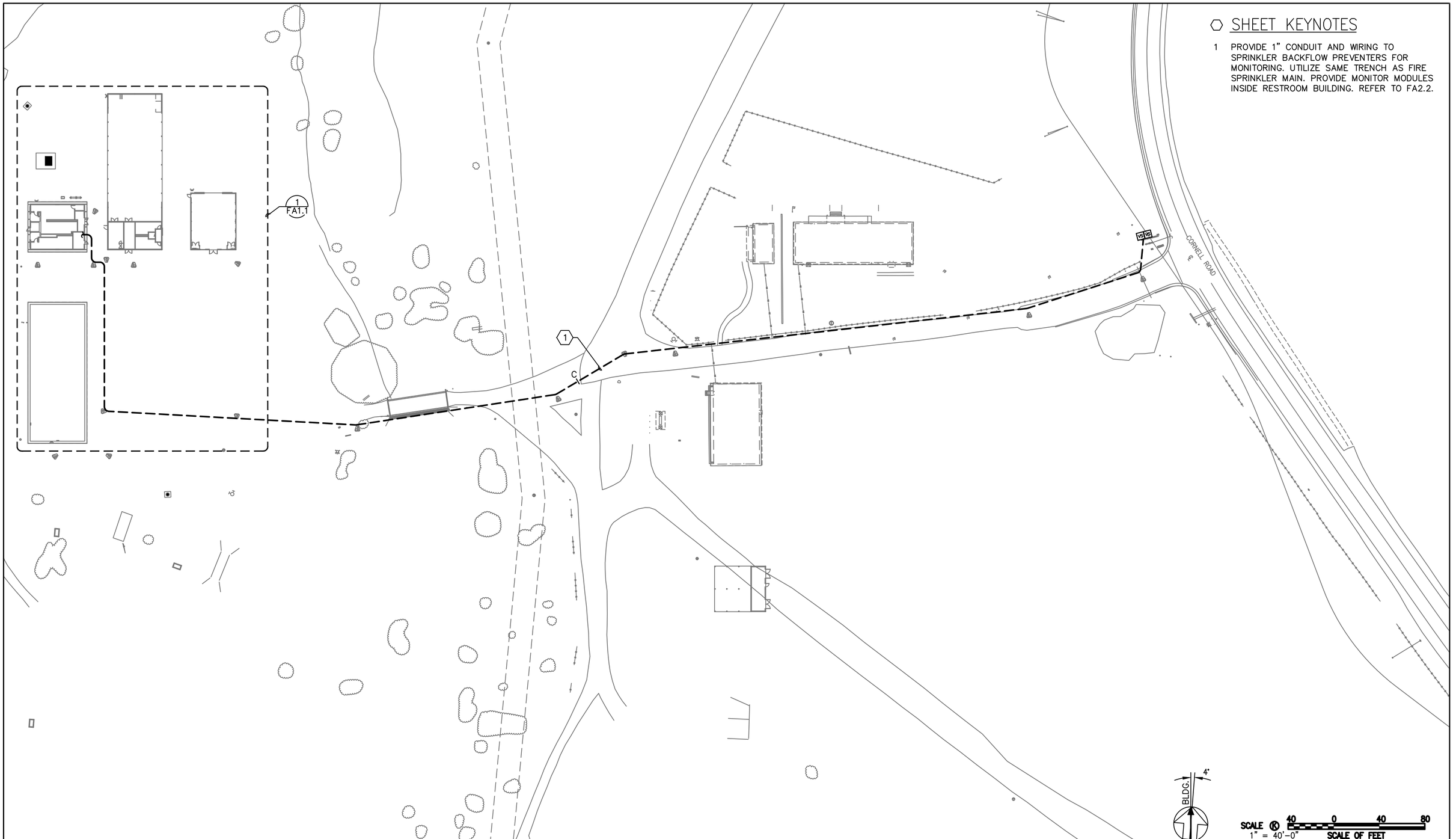
Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: JBM; DRAWN: JBM; TECH. REVIEW: JJR; DATE: 2022-07-15	SUB SHEET NO. FA0.1	TITLE OF SHEET: FIRE ALARM SYMBOL LIST — SAMO REBUILD PARAMOUNT RANCH, AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 / 182819; PMIS/PKG NO. 303051; SHEET 137 OF 200

SHEET KEYNOTES

1 PROVIDE 1" CONDUIT AND WIRING TO SPRINKLER BACKFLOW PREVENTERS FOR MONITORING. UTILIZE SAME TRENCH AS FIRE SPRINKLER MAIN. PROVIDE MONITOR MODULES INSIDE RESTROOM BUILDING. REFER TO FA2.2.



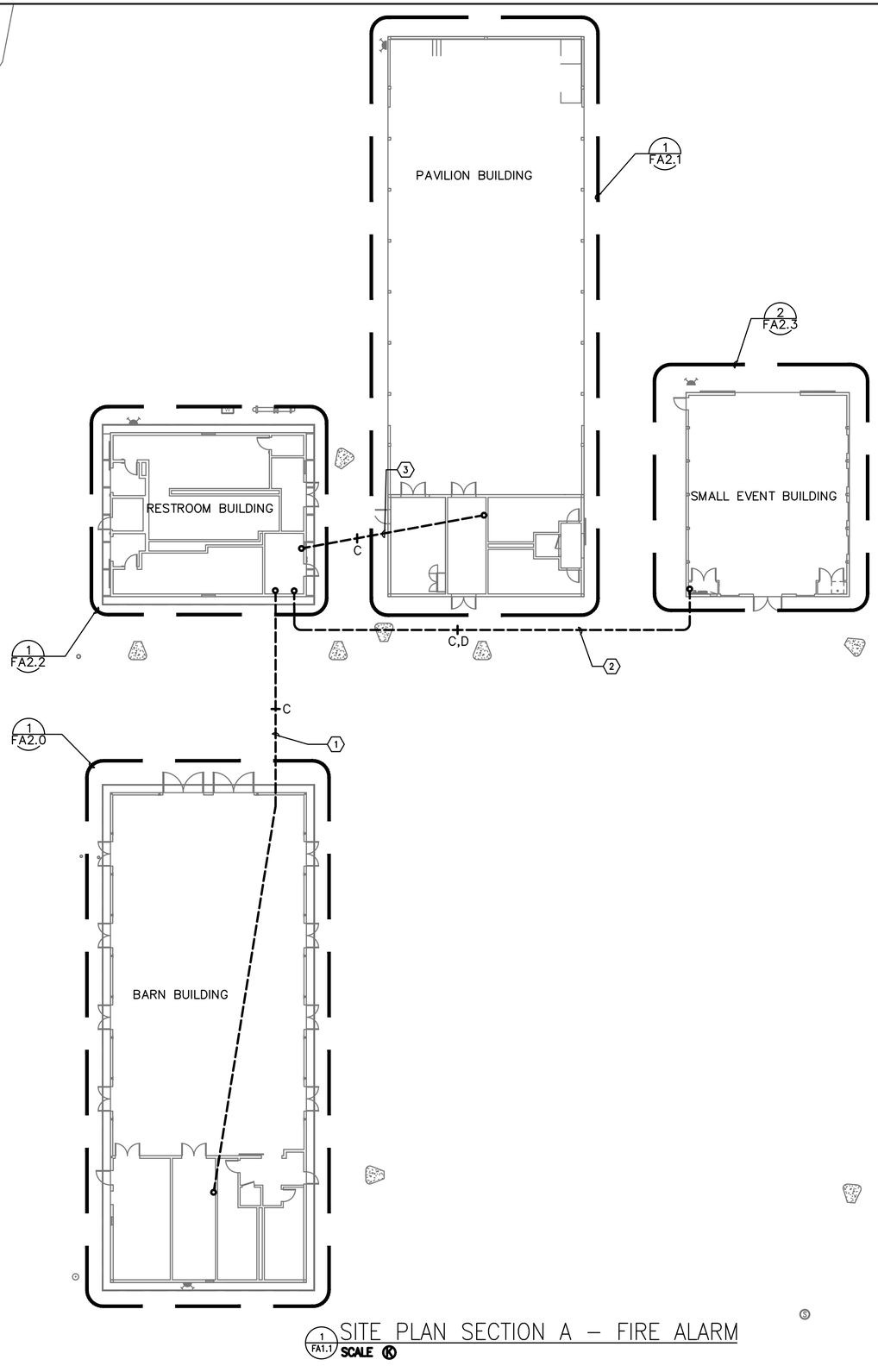
1 FA1.0 SITE PLAN – FIRE ALARM
SCALE K

SCALE K 1" = 40'-0"
40 0 40 80
SCALE OF FEET

REGISTERED PROFESSIONAL ENGINEER
THOMAS B. JUN
No. E19320
Exp. 12/31/22
ELECTRICAL
STATE OF CALIFORNIA
Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: JBM DRAWN: JBM TECH. REVIEW: JJR DATE: 2022-07-15	SUB SHEET NO. FA1.0	TITLE OF SHEET SITE PLAN – FIRE ALARM SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 138 OF 200



1 FA1.1 SITE PLAN SECTION A – FIRE ALARM
SCALE 16

GENERAL SHEET NOTES

A. REFER TO ARCHITECTURAL PLAN A0.1 AND CIVIL PLAN C3.1 FOR ADDITIONAL INFORMATION AND THE COMPLETE UTILITY ROUTING.

SHEET KEYNOTES

1 PROVIDE 2" CONDUIT AND WIRING FROM RESTROOM BUILDING TO BARN BUILDING FOR FIRE ALARM CONNECTION.

2 PROVIDE 2" CONDUIT AND WIRING FROM RESTROOM BUILDING TO SMALL EVENT BUILDING FOR FIRE ALARM CONNECTION.

3 PROVIDE 2" CONDUIT AND WIRING FROM RESTROOM BUILDING TO PAVILION BUILDING FIRE ALARM CONNECTION.

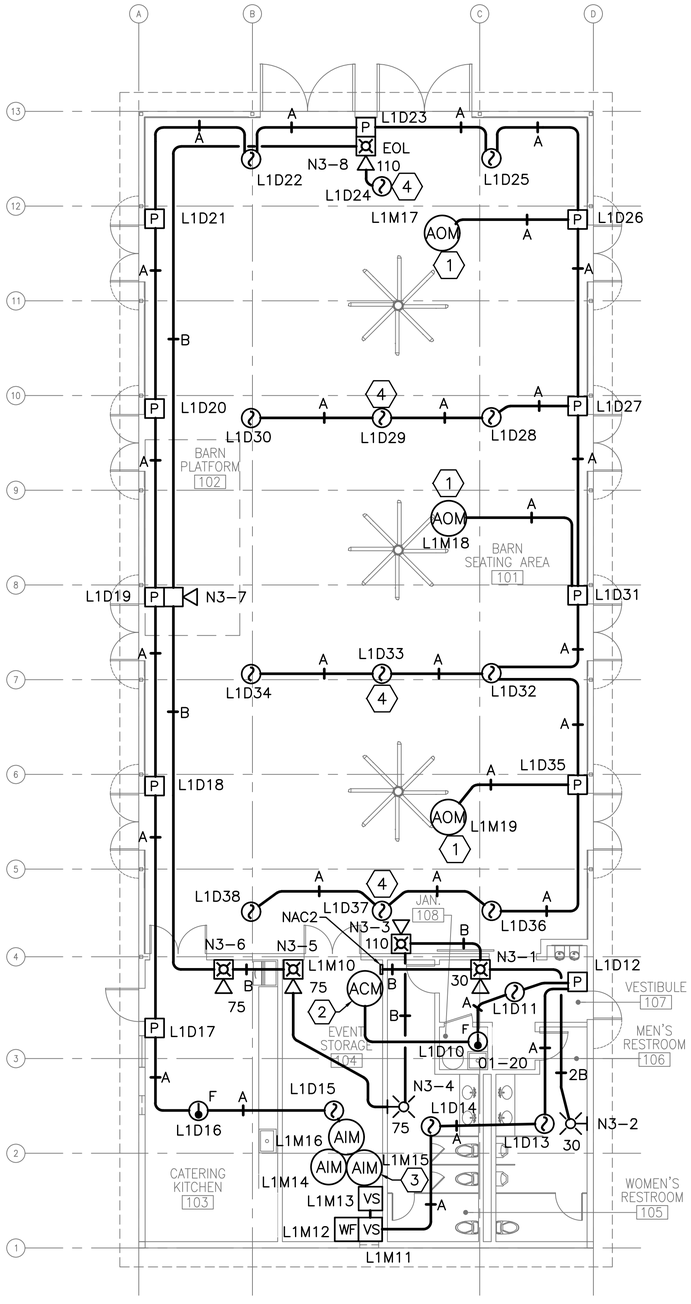
BLDG. 4"

SCALE 16 1/16" = 1'-0" 0 16 32 SCALE OF FEET

REGISTERED PROFESSIONAL ENGINEER THOMAS B. JUN No. E19320 Exp. 12/31/23 ELECTRICAL STATE OF CALIFORNIA
Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: JBM DRAWN: JBM TECH. REVIEW: JJR DATE: 2022-07-15	SUB SHEET NO. FA1.1	TITLE OF SHEET: SITE PLAN SECTION A – FIRE ALARM SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 / 182819 PMIS/PKG NO. 303051 SHEET 139 OF 200



1 FA2.0 BARN FIRST FLOOR PLAN – FIRE ALARM
SCALE: Ⓚ

GENERAL SHEET NOTES

A. COORDINATE LOCATIONS OF ALL DEVICES AND APPLIANCES WITH ARCHITECT.

SHEET KEYNOTES

1 PROVIDE ADDRESSABLE OUTPUT MODULE FOR SHUT DOWN OF HVLS FANS.

2 PROVIDE ADDRESSABLE CONTROL MODULE TO TRIP NAC PANEL.

3 PROVIDE MONITORING OF FIRE SPRINKLER DELUGE SYSTEM. COORDINATE EXACT CONNECTION AND LOCATION WITH DESIGN–BUILD CONTRACTOR.

4 INSTALL DETECTOR WITHIN 36" OF ROOF PEAK.

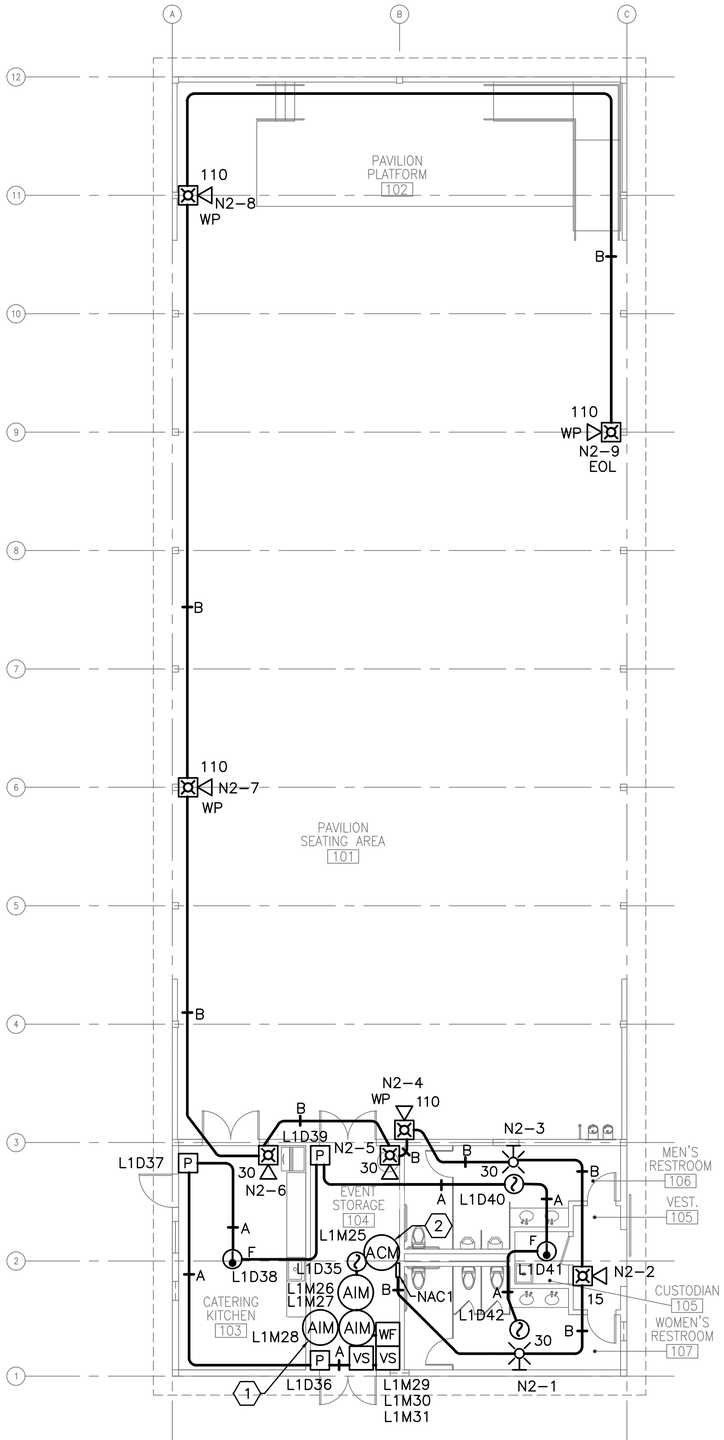
BLDG. 4°

SCALE Ⓚ 8 0 8 16
1/8" = 1'–0" SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

REGISTERED PROFESSIONAL ENGINEER THOMAS B. JUN No. E19320 Exp. 12/31/23 ELECTRICAL STATE OF CALIFORNIA
Signed: 7/21/22

DESIGNED: JBM CADD JBM TECH. REVIEW: JJR DATE: 2022-07-15	SUB SHEET NO. FA2.0	TITLE OF SHEET BARN BUILDING – FIRE ALARM SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 182819 PMIS/PKG NO. 303051 SHEET 140 OF 200

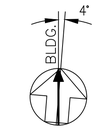


1 FA2.1 PAVILION FIRST FLOOR PLAN – FIRE ALARM
SCALE: Ⓚ

SHEET KEYNOTES

1 PROVIDE MONITORING OF FIRE SPRINKLER DELUGE SYSTEM. COORDINATE EXACT CONNECTION AND LOCATION WITH DESIGN–BUILD CONTRACTOR.

2 PROVIDE ADDRESSABLE CONTROL MODULE TO TRIP NAC PANEL.



SCALE Ⓚ 8 0 8 16
1/8" = 1'-0" SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

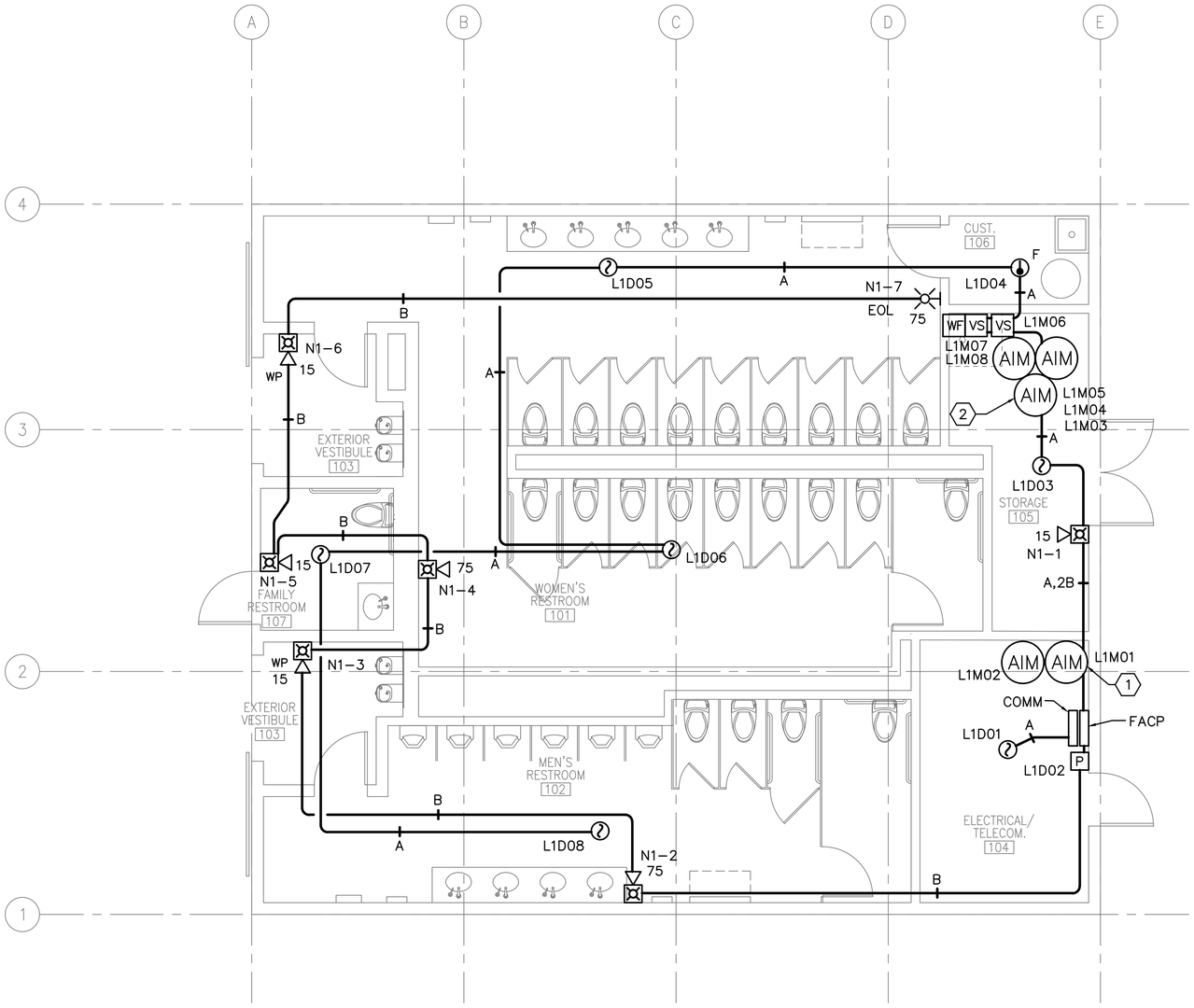
REGISTERED PROFESSIONAL ENGINEER
THOMAS B. JUN
No. E19320
Exp. 12/31/23
ELECTRICAL
STATE OF CALIFORNIA
Signed: 7/21/22

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
JBM		PAVILION BUILDING – FIRE ALARM	638 182819
DRAWN: JBM	FA2.1		PMIS/PKG NO. 303051
TECH. REVIEW: JJR		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 141 OF 200
DATE: 2022-07-15			

SHEET KEYNOTES

1 PROVIDE ADDRESSABLE INPUT MODULES TO MONITOR SITE FIRE SPRINKLER BACKFLOW PREVENTION DEVICES. REFER TO FA1.0 FOR SITE LOCATION.

2 PROVIDE MONITORING OF FIRE SPRINKLER DELUGE SYSTEM. COORDINATE EXACT CONNECTION AND LOCATION WITH DESIGN–BUILD CONTRACTOR.



1 FA2.2 RESTROOM BUILDING – FIRE ALARM
SCALE: K

BLDG. 4°

SCALE K 1/4" = 1'–0" 4 0 4 8 SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

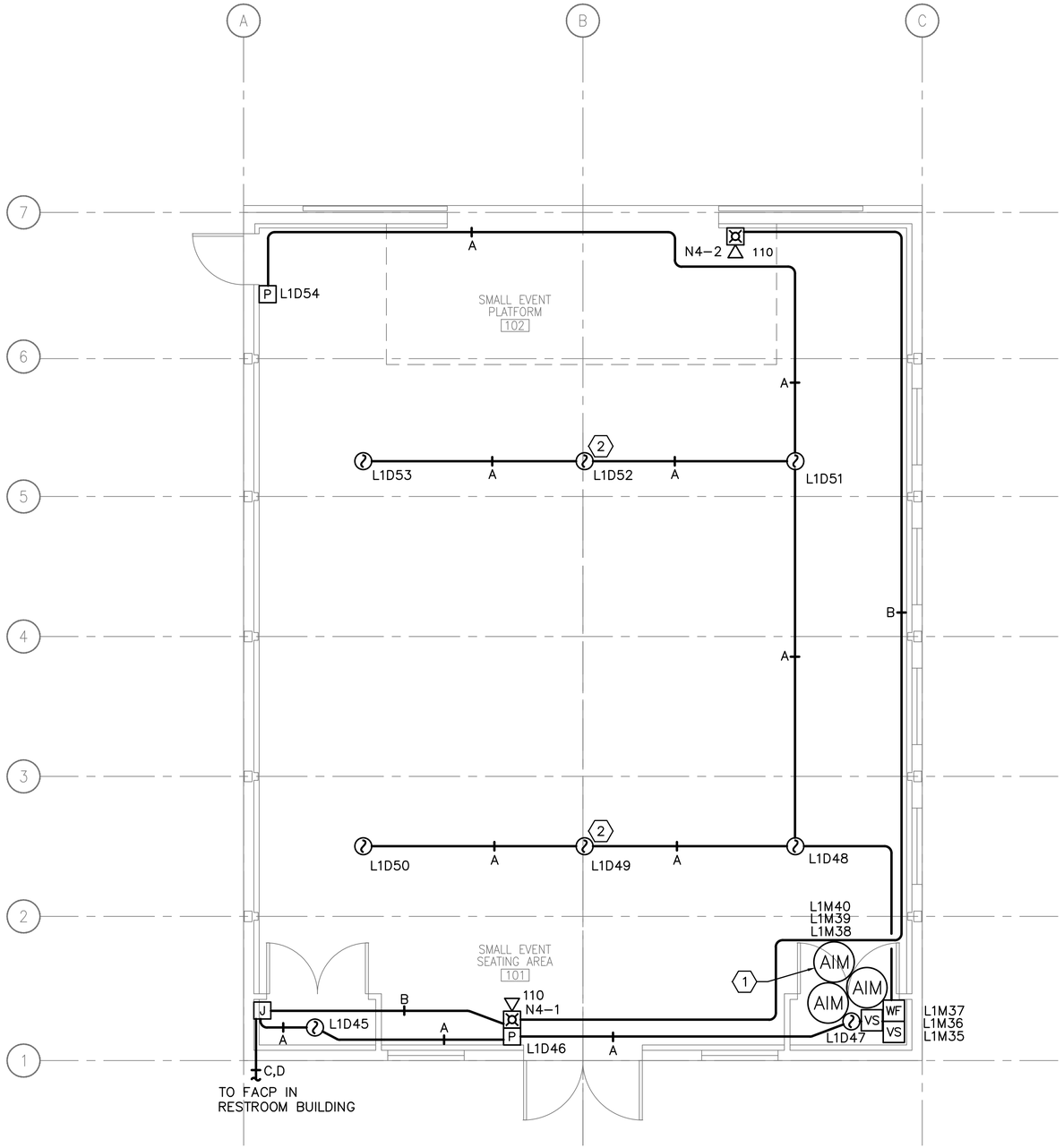
REGISTERED PROFESSIONAL ENGINEER THOMAS B. JUN No. E19320 Exp. 12/31/23 ELECTRICAL STATE OF CALIFORNIA
Signed: 7/21/22

DESIGNED: JBM DRAWN: JBM TECH. REVIEW: JJR DATE: 2022–07–15	SUB SHEET NO. FA2.2	TITLE OF SHEET: RESTROOM BUILDING – FIRE ALARM SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 / 182819 PMIS/PKG NO. 303051 SHEET 142 OF 200

SHEET KEYNOTES

1 PROVIDE MONITORING OF FIRE SPRINKLER DELUGE SYSTEM. COORDINATE EXACT CONNECTION AND LOCATION WITH DESIGN–BUILD CONTRACTOR.

2 INSTALL DETECTOR WITHIN 36" OF ROOF PEAK.



1 FA2.3 SMALL EVENT BUILDING – FIRE ALARM
SCALE: (K)

BLDG. 4°

SCALE (K) 1/4" = 1'–0"
4 0 4 8
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

REGISTERED PROFESSIONAL ENGINEER THOMAS B. JUN No. E19320 Exp. 12/31/22 ELECTRICAL STATE OF CALIFORNIA
Signed: 7/21/22

DESIGNED: JBM DRAWN: JBM TECH. REVIEW: JJR DATE: 2022–07–15	SUB SHEET NO. FA2.3	TITLE OF SHEET: SMALL EVENT BUILDING – FIRE ALARM SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 / 182819 PMIS/PKG NO. 303051 SHEET 143 OF 200

GENERAL RISER NOTES

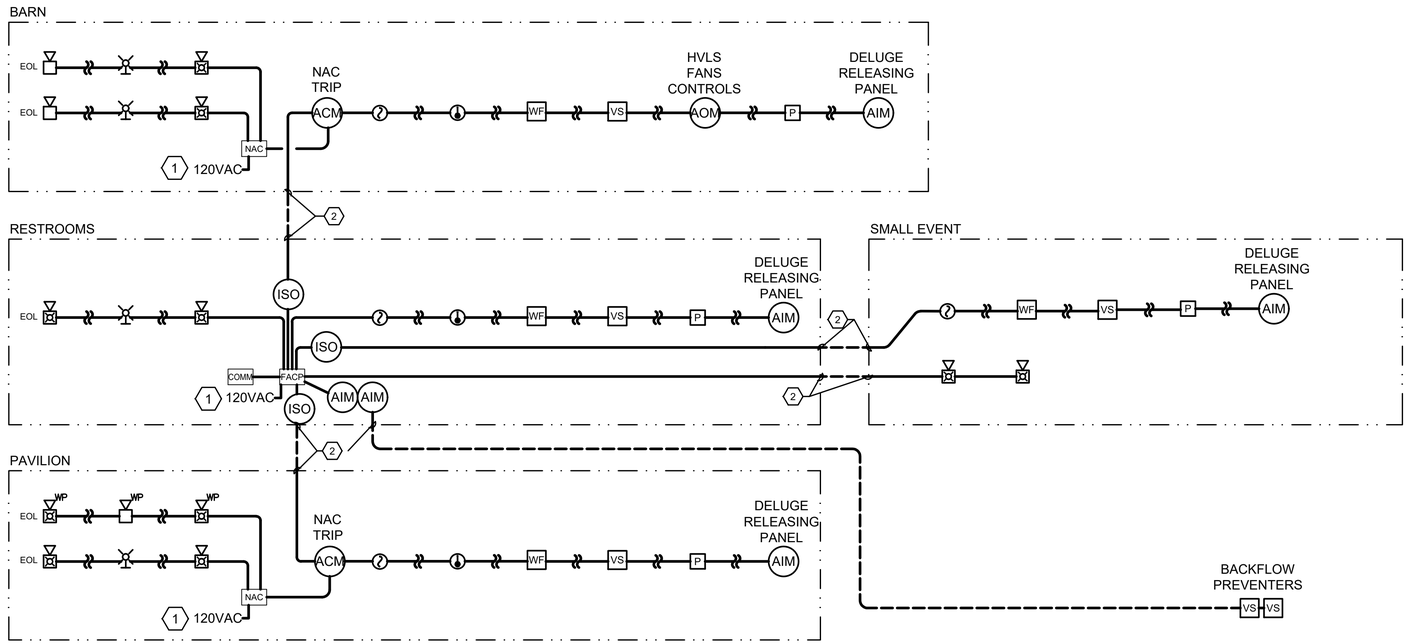
A. RISER IS A DIAGRAMMATICAL REPRESENTATION OF THE SYSTEM ARCHITECTURE IN BUILDING CROSS SECTION. IT IS NOT INTENDED TO REPRESENT ACTUAL WIRE RUNS, PANEL CONFIGURATIONS OR PENETRATIONS. REFER TO FLOOR PLANS AND PANEL DETAILS FOR CIRCUIT ROUTING AND CONFIGURATION INFORMATION.

B. ALL WIRING TO COMPLY WITH APPLICABLE ELECTRICAL CODES.

⬡ SHEET KEYNOTES

1 120VAC PRIMARY POWER SOURCE TO BE MECHANICALLY PROTECTED. BRANCH CIRCUIT DISCONNECTING MEANS TO HAVE A RED MARKING AND IDENTIFIED AS "FIRE ALARM CIRCUIT".

2 PROVIDE SURGE SUPPRESSION DEVICES ON ALL CABLES ENTERING OR EXITING A BUILDING.



1 RISER DIAGRAM – FIRE ALARM

NO SCALE

REGISTERED PROFESSIONAL ENGINEER
THOMAS B. JUN
No. E19320
Exp. 12/31/23
ELECTRICAL
STATE OF CALIFORNIA

Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: JBM DRAWN: JBM TECH. REVIEW: JJR DATE: 2022-07-15	SUB SHEET NO. FA3.1	TITLE OF SHEET: RISER DIAGRAM – FIRE ALARM SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 / 182819 PMIS/PKG NO. 303051 SHEET 144 OF 200

FACP - System Current Draw - NFS-320

	C1 - Primary Non-Alarm				C2 - Primary Alarm				C3 - Secondary Non-Alarm			
Device	**Qty**		**Draw**	**Total**	**Qty**		**Draw**	**Total**	**Qty**		**Draw**	**Total**
CPU-320	1	x	0.25000	0.25000	1	x	0.25000	0.25000	1	x	0.25000	0.25000
CPS-24	1	x	0.00000	0.00000	1	x	0.00000	0.00000	1	x	0.04000	0.04000
# of NACs in use	2	x	0.03500	0.07000	2	x	0.03500	0.07000	2	x	0.03500	0.07000
UDACT Communicator	1	x	0.04000	0.04000	1	x	0.10000	0.10000	1	x	0.04000	0.04000
FRM-1	3	x	0.00026	0.00077	~~3~~	~~x~~	~~0.00000~~	~~0.00000~~	3	x	0.00026	0.00077
FCM-1	2	x	0.00049	0.00097	~~2~~	~~x~~	~~0.00000~~	~~0.00000~~	2	x	0.00049	0.00097
FMM-1	26	x	0.00035	0.00910	~~26~~	~~x~~	~~0.00000~~	~~0.00000~~	26	x	0.00035	0.00910
FSP-951	28	x	0.00020	0.00560	~~28~~	~~x~~	~~0.00000~~	~~0.00000~~	28	x	0.00020	0.00560
FST-951	5	x	0.00020	0.00100	~~5~~	~~x~~	~~0.00000~~	~~0.00000~~	5	x	0.00020	0.00100
NBG-12LX	17	x	0.00038	0.00638	~~17~~	~~x~~	~~0.00000~~	~~0.00000~~	17	x	0.00038	0.00638
SLC Loop Device Activation Current	~~1~~		~~0.00000~~	~~0.00000~~	1	x	0.40000	0.40000	~~1~~		~~0.00000~~	~~0.00000~~
P2WL15	2	x	0.00000	0.00000	2	x	0.07300	0.14600	2	x	0.00000	0.00000
P2WL75	2	x	0.00000	0.00000	2	x	0.13900	0.27800	2	x	0.00000	0.00000
P2WK15	2	x	0.00000	0.00000	2	x	0.06600	0.13200	2	x	0.00000	0.00000
SWL75	1	x	0.00000	0.00000	1	x	0.10700	0.10700	1	x	0.00000	0.00000
P2WL110	2	x	0.00000	0.00000	2	x	0.18200	0.36400	2	x	0.00000	0.00000
	1		**Total Non-Alarm Load:**	**0.384**			**Total Alarm Load:**	**1.847**			**Total Standby Load:**	**0.424**

C4 - Maximum Secondary Fire Alarm Current Draw

Only include those additional power supplies that are backed up by the control panels batteries.

Device	**Qty**		**Draw**	**Total**
Total Primary Alarm Load - C2	1		1.847	1.847
CPS-24	1	x	0.040	0.040
NCA2 - Backlight Off with loss of AC	0	x	-0.200	
			Total Standby Alarm Load:	**1.887**

FACP – NFS–320 System Power Requirements

AC Branch Current Requirements — **5.00** AMPS @ 120 VAC

Current required by source to power the fire alarm system.

Primary Standby Load — **0.38** Amps

Current load on the primary power supply during non-alarm conditions.

Primary Alarm Load — **1.85** Amps

Current load on the primary power supply during alarm conditions.

Secondary Load Requirements — **12.38** Amp Hours

Total Secondary Load from the calculation table below.

Current Draw		**Time (hours)**	**Total (AH)**
Secondary Standby Load 0.423 A	x	Required Standby Time 24 hours	10.16
Secondary Alarm Load 1.887 A	x	Required Alarm Time (hours) 0.084 hours	0.16
		Total Secondary Load	10.32
		Derating factor	x 1.2
		Secondary Load Requirements (Amp Hours)	**12.38** AH

Battery Selection — **18** Amp Hours

Select batteries from the list below.

18 AH BAT-12180 Battery (12 volt)

NAC 1 - PSE-6 Battery Calculation

Secondary Power Source Requirements

		Standby Current (amps)					Secondary Alarm Current (amps)				
Device Type	**Qty**	**Current Draw**			**Total**	**Qty**	**Current Draw**			**Total**
Main Circuit Board										
Choose EOLR used ↓										
4.7k	1	X	0.1390	=	0.1390	1	X	0.1570	=	0.1570
Main Circuit Board with ZNAC-PS Class A card	0	X	0.1350	=	0.0000	0	X	0.1420	=	0.0000
NAC / N2	1	X	0.0000	=	0.0000	1	X	1.1360	=	1.1360
NAC / Spare	0	X	0.0000	=	0.0000	0	X	0.0000	=	0.0000
NAC / Spare	0	X	0.0000	=	0.0000	0	X	0.0000	=	0.0000
NAC / Spare	0	X	0.0000	=	0.0000	0	X	0.0000	=	0.0000
NAC / Spare	0	X	0.0000	=	0.0000	0	X	0.0000	=	0.0000
		Total Standby Load			**0.1390**		**Total Alarm Load**			**1.2930**

PSE-6 Battery Calculation

Calculation in Total Sheet

		Required Standby Time in Hours			
		24 Hours			
Standby Load Current (Amps)	**0.1390 Amps**	X	24	=	3.336 AH
		Required Alarm Time in Hours			
		5 Minutes			
Alarm Load Current (Amps)	**1.2930 Amps**	X	0.084	=	0.109 AH
			Total Current Load		**3.44 AH**
		*Multiply by the Derating Factor	1.2	=	x 1.20
			Total Ampere Hours Required		**4.13 AH**
		Recommended Batteries:	**BAT-1270 - 7AH Batteries**		

NAC 2 - PSE-6 Battery Calculation

Secondary Power Source Requirements

		Standby Current (amps)					Secondary Alarm Current (amps)				
Device Type	**Qty**	**Current Draw**			**Total**	**Qty**	**Current Draw**			**Total**
Main Circuit Board										
Choose EOLR used ↓										
4.7k	1	X	0.1390	=	0.1390	1	X	0.1570	=	0.1570
Main Circuit Board with ZNAC-PS Class A card	0	X	0.1350	=	0.0000	0	X	0.1420	=	0.0000
NAC / N3	1	X	0.0000	=	0.0000	1	X	0.8540	=	0.8540
NAC / Spare	0	X	0.0000	=	0.0000	0	X	0.0000	=	0.0000
NAC / Spare	0	X	0.0000	=	0.0000	0	X	0.0000	=	0.0000
NAC / Spare	0	X	0.0000	=	0.0000	0	X	0.0000	=	0.0000
NAC / Spare	0	X	0.0000	=	0.0000	0	X	0.0000	=	0.0000
		Total Standby Load			**0.1390**		**Total Alarm Load**			**1.0110**

PSE-6 Battery Calculation

Calculation in Total Sheet

		Required Standby Time in Hours			
		24 Hours			
Standby Load Current (Amps)	**0.1390 Amps**	X	24	=	3.336 AH
		Required Alarm Time in Hours			
		5 Minutes			
Alarm Load Current (Amps)	**1.0110 Amps**	X	0.084	=	0.085 AH
			Total Current Load		**3.42 AH**
		*Multiply by the Derating Factor	1.2	=	x 1.20
			Total Ampere Hours Required		**4.11 AH**
		Recommended Batteries:	**BAT-1270 - 7AH Batteries**		

REGISTERED PROFESSIONAL ENGINEER — THOMAS B. JUN — No. E19320 Exp. 12/31/22 — ELECTRICAL — STATE OF CALIFORNIA

Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: JBM	SUB SHEET NO.	TITLE OF SHEET: CALCULATIONS – FIRE ALARM	DRAWING NO. 638 182819
DRAWN: JBM	FA3.2	SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	PMIS/PKG NO. 303051
TECH. REVIEW: JJR			SHEET 145 OF 200
DATE: 2022-07-15			

NOTIFICATION CIRCUIT - N1
VOLTAGE DROP CALCULATIONS

BASED ON POINT-TO-POINT OHM'S CALCULATIONS. ACCEPTABLE LIMIT: 10% x 20.4V = 2.04 (MAX)

OHMS = (#14 FEET* 3.07/1000 +#12 FEET* 1.93/1000 + #10 FEET* 1.21/1000) * 2

1) A/V 15cd	0.054	2) A/V 30cd	0.074	3) A/V 75cd	0.121
4) A/V 110cd	0.162	5) V/O 15cd	0.043	6) V/O 30cd	0.063
7) V/O 75cd	0.107	8) V/O 110cd	0.148	9) A/V 135cd	0.196
10) A/V 185cd	0.245	11) A/V WP 15cd	0.079	12) A/O	0.044

DEVICE TYPE #	DEVICE #	TO DEVICE #	LINEAR FEET BETWEEN DEVICES #14	#12	#10	RESISTANCE OF WIRES (OHMS)	LOAD ON RUN (AMPS)	VOLTAGE DROP (VOLTS)	ACCUM. VOLTAGE DROP (V)
7	7	6	45			0.276	0.107	0.030	0.030
11	6	5	20			0.123	0.186	0.023	0.052
1	5	4	20			0.123	0.240	0.029	0.082
3	4	3	20			0.123	0.361	0.044	0.126
11	3	2	40			0.246	0.440	0.108	0.234
3	2	1	40			0.246	0.561	0.138	0.372
1	1	FACP	5			0.031	0.615	0.019	0.391

Percent Loss 1.92%

NOTIFICATION CIRCUIT - N3
VOLTAGE DROP CALCULATIONS

BASED ON POINT-TO-POINT OHM'S CALCULATIONS. ACCEPTABLE LIMIT: 10% x 20.4V = 2.04 (MAX)

OHMS = (#14 FEET* 3.07/1000 +#12 FEET* 1.93/1000 + #10 FEET* 1.21/1000) * 2

1) A/V 15cd	0.054	2) A/V 30cd	0.074	3) A/V 75cd	0.121
4) A/V 110cd	0.162	5) V/O 15cd	0.043	6) V/O 30cd	0.063
7) V/O 75cd	0.107	8) V/O 110cd	0.148	9) A/V 135cd	0.196
10) A/V 185cd	0.245	11) A/V WP 15cd	0.079	12) A/O	0.044

DEVICE TYPE #	DEVICE #	TO DEVICE #	LINEAR FEET BETWEEN DEVICES #14	#12	#10	RESISTANCE OF WIRES (OHMS)	LOAD ON RUN (AMPS)	VOLTAGE DROP (VOLTS)	ACCUM. VOLTAGE DROP (V)
4	8	7	85			0.522	0.162	0.085	0.085
12	7	6	60			0.368	0.206	0.076	0.160
3	6	5	25			0.154	0.327	0.050	0.211
3	5	4	35			0.215	0.448	0.096	0.307
7	4	3	30			0.184	0.555	0.102	0.409
4	3	2	50			0.307	0.717	0.220	0.629
6	2	1	40			0.246	0.780	0.192	0.821
2	1	NAC 2	25			0.154	0.854	0.131	0.952

Percent Loss 4.67%

NOTIFICATION CIRCUIT - N2
VOLTAGE DROP CALCULATIONS

BASED ON POINT-TO-POINT OHM'S CALCULATIONS. ACCEPTABLE LIMIT: 10% x 20.4V = 2.04 (MAX)

OHMS = (#14 FEET* 3.07/1000 +#12 FEET* 1.93/1000 + #10 FEET* 1.21/1000) * 2

1) A/V 15cd	0.054	2) A/V 30cd	0.074	3) A/V 75cd	0.121
4) A/V 110cd	0.162	5) V/O 15cd	0.043	6) V/O 30cd	0.063
7) V/O 75cd	0.107	8) V/O 110cd	0.148	9) A/V 135cd	0.196
10) A/V WP 110cd	0.202	11) A/V WP 15cd	0.079	12) A/O	0.044

DEVICE TYPE #	DEVICE #	TO DEVICE #	LINEAR FEET BETWEEN DEVICES #14	#12	#10	RESISTANCE OF WIRES (OHMS)	LOAD ON RUN (AMPS)	VOLTAGE DROP (VOLTS)	ACCUM. VOLTAGE DROP (V)
10	9	8	85			0.522	0.202	0.105	0.105
10	8	7	100			0.614	0.404	0.248	0.353
10	7	6	60			0.368	0.606	0.223	0.577
2	6	5	25			0.154	0.680	0.104	0.681
2	5	4	15			0.092	0.754	0.069	0.751
10	4	3	55			0.338	0.956	0.323	1.073
6	3	2	30			0.184	1.019	0.188	1.261
1	2	1	35			0.215	1.073	0.231	1.492
6	1	NAC 1	25			0.154	1.136	0.174	1.666

Percent Loss 8.17%

NOTIFICATION CIRCUIT - N4
VOLTAGE DROP CALCULATIONS

BASED ON POINT-TO-POINT OHM'S CALCULATIONS. ACCEPTABLE LIMIT: 10% x 20.4V = 2.04 (MAX)

OHMS = (#14 FEET* 3.07/1000 +#12 FEET* 1.93/1000 + #10 FEET* 1.21/1000) * 2

1) A/V 15cd	0.054	2) A/V 30cd	0.074	3) A/V 75cd	0.121
4) A/V 110cd	0.162	5) V/O 15cd	0.043	6) V/O 30cd	0.063
7) V/O 75cd	0.107	8) V/O 110cd	0.148	9) A/V 135cd	0.196
10) A/V 185cd	0.245	11) A/V WP 15cd	0.079	12) A/O	0.044

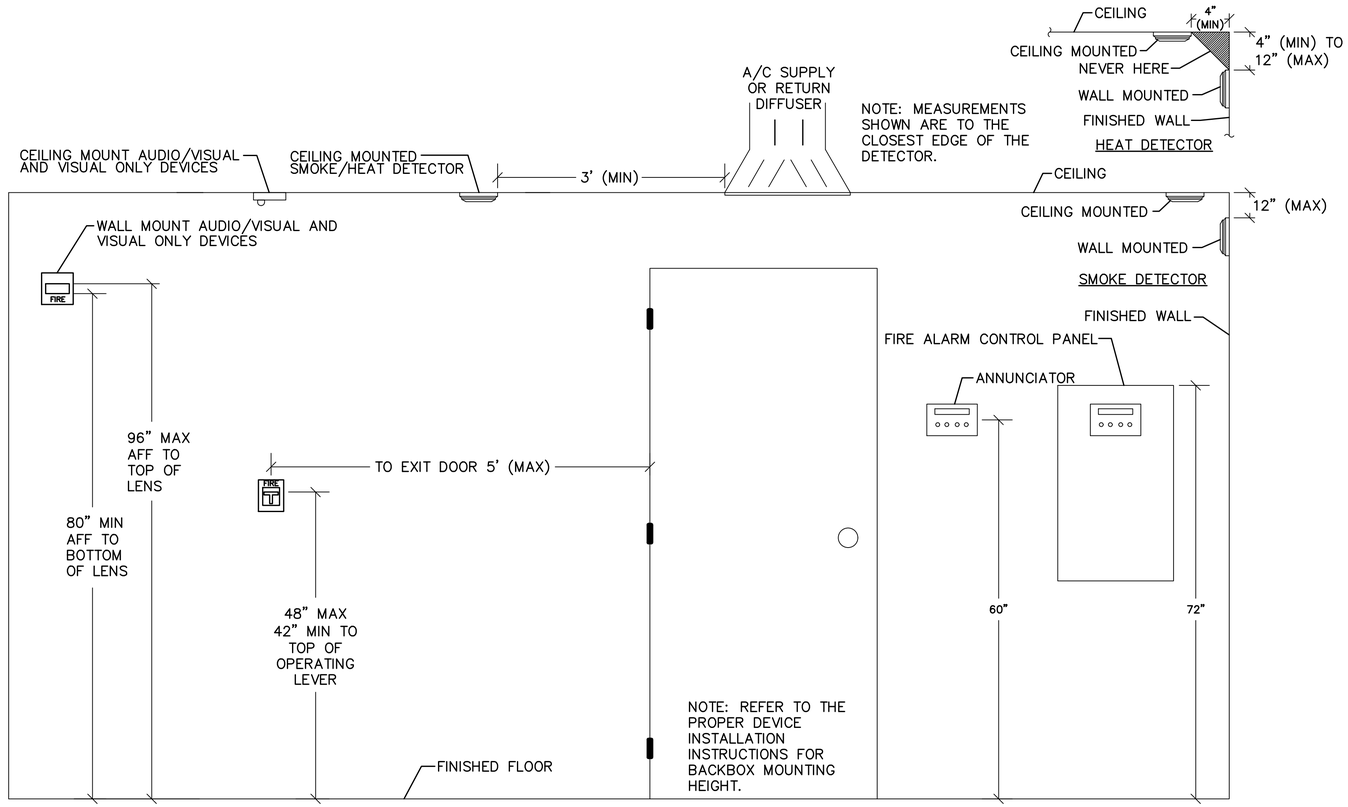
DEVICE TYPE #	DEVICE #	TO DEVICE #	LINEAR FEET BETWEEN DEVICES #14	#12	#10	RESISTANCE OF WIRES (OHMS)	LOAD ON RUN (AMPS)	VOLTAGE DROP (VOLTS)	ACCUM. VOLTAGE DROP (V)
4	2	1	100			0.614	0.162	0.099	0.099
4	1	FACP	150			0.921	0.324	0.298	0.398

Percent Loss 1.95%

REGISTERED PROFESSIONAL ENGINEER
THOMAS B. JUN
No. E19320
Exp. 12/31/22
ELECTRICAL
STATE OF CALIFORNIA
Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: JBM	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 / 182819
CADD: JBM	FA3.3	CALCULATIONS – FIRE ALARM	PMIS/PKG NO. 303051
TECH. REVIEW: JJR		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 146 OF 200
DATE: 2022-07-15			



1 DEVICE MOUNTING HEIGHTS

NO SCALE

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
JBM	FA5.1	DETAILS – FIRE ALARM	638 / 182819
DRAFTED: JBM			PMIS/PKG NO. 303051
TECH. REVIEW: JJR		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 147 OF 200
DATE: 2022-07-15			

FIRE PROTECTION SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

(A)	ABANDON IN PLACE
(E)	EXISTING
(F)	FUTURE
(N)	NEW
(R)	RELOCATE/RELOCATED LOCATION
(X)	DEMOLITION
AFF	ABOVE FINISHED FLOOR
AS	AUTOMATIC SPRINKLER
BOB	BOTTOM OF BEAM
BOD	BOTTOM OF DECK
BOP	BOTTOM OF PIPE
BOR	BOTTOM OF RISER
BV	BUTTERFLY VALVE
C	CENTER LINE
CV	CHECK VALVE
DDCV	DOUBLE DETECTOR CHECK VALVE ASSEMBLY
DN	DROP NIPPLE
EC	EXTENDED COVERAGE
EL	ELEVATION
F	FAHRENHEIT
FDC	FIRE DEPARTMENT CONNECTION
FF	FINISHED FLOOR
FFL	FLOOR FLANGE
FHC	FIRE HOSE CABINET
FHS	FIRE HOSE STATION
FS	FLOW SWITCH
FT	FEET
G	GRADE
GPM	GALLONS PER MINUTE
GV	GATE VALVE
H	HANGER
HSW	HORIZONTAL SIDE WALL
HV	HOSE VALVE
ID	INSIDE DIAMETER
IN	INCHES
MAX	MAXIMUM
MIN	MINIMUM
N&C	NIPPLE AND CAP
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
OBJ	OPEN BAR JOIST
OD	OUTSIDE DIAMETER
OS & Y	OUTSIDE SCREW & YOKE
PIV	POST INDICATOR VALVE
PRV	PRESSURE REDUCING VALVE
PS	PRESSURE SWITCH
RM	ROOF MANIFOLD
RN	RISER NIPPLE
SB	SWAY BRACE
SF	SQUARE FEET
SOV	SHUT OFF VALVE
SP	STANDPIPE
SSP	STANDARD SPRAY PENDENT
SSU	STANDARD SPRAY UPRIGHT
TOB	TOP OF BEAM
TOP	TOP OF PIPE
TOR	TOP OF RISER
TOS	TOP OF STEEL
TS	TAMPER SWITCH
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE

Control

- BELL/GONG
- CONTROL PANEL
- FLOW DETECTION SWITCH
- MONITOR SWITCH
- PRESSURE GAUGE
- TAMPER DETECTOR
- WATER MOTOR ALARM

General

- DEMOLISH
- DEMOLISH (DASH–DOT)
- EXISTING WORK
- NEW WORK
- CONTINUATION
- DETAIL NUMBER AND SHEET LOCATION
- EQUIPMENT IDENTIFICATION (XX-X / LOCATION)
- FOOD SERVICE EQUIPMENT / CALCULATION TAG (XX)
- KEYED NOTE (X)
- PIPE OR CONDUIT BELOW GRADE
- POINT OF CONNECTION
- SECTION NUMBER AND SHEET LOCATION (A / XXX)

Miscellaneous

- 2–WAY SWAY BRACE (1)
- 4–WAY SWAY BRACE (1)
- AUXILIARY DRAIN
- BRANCHLINE RESTRAINT (TEXT INDICATES TYPE) (H1)
- COUPLING
- DRY HOSE STATION
- ELEVATION ABOVE FINISHED FLOOR (14'-0")
- FLANGED COUPLING
- FLEXIBLE COUPLING (FLEX)
- GROOVED CAP
- GROOVED COUPLING
- HANGER (TEXT INDICATES TYPE) (H1)
- HYDRAULIC CALCULATION NODE
- RISER
- SCREWED CAP
- SCREWED PLUG
- UNION
- WET HOSE STATION

Sprinkler Heads

- CONCEALED PENDENT SPRINKLER
- DRY PENDENT SPRINKLER
- DRY PENDENT SPRINKLER (INTERMEDIATE TEMP)
- DRY SIDEWALL SPRINKLER
- DRY SIDEWALL SPRINKLER (INTERMEDIATE TEMP)
- EC PENDENT SPRINKLER
- EC SIDEWALL SPRINKLER
- EC SIDEWALL SPRINKLER
- EC SPRINKLER
- EC UPRIGHT SPRINKLER
- HORIZONTAL SIDEWALL SPRINKLER
- PENDENT SPRINKLER
- PENDENT SPRINKLER WITH GUARD
- RECESSED PENDENT SPRINKLER (ACOUSTIC TILE CEILINGS)
- RECESSED PENDENT SPRINKLER (HARD LID CEILINGS)
- SPECIAL SPRINKLER
- UPRIGHT SPRINKLER
- UPRIGHT SPRINKLER
- UPRIGHT SPRINKLER
- UPRIGHT SPRINKLER WITH GUARD

Valves

- ALARM CHECK VALVE, ELEVATION VIEW
- ALARM CHECK VALVE, PLAN VIEW
- ANGLE VALVE
- CHECK VALVE
- DELUGE VALVE
- DRY VALVE
- INDICATING BUTTERFLY VALVE
- NON–RISING STEM VALVE
- PREACTION VALVE
- SPRINKLER DOUBLE DETECTOR CHECK VALVE ASSEMBLY (DCVA)
- VALVE WITH TAMPER SWITCH

Water Service

- DOUBLE CHECK BACKFLOW PREVENTER
- FIRE DEPARTMENT CONNECTION
- FLOOR CONTROL ASSEMBLY (FCA)
- FREE STANDING F.D. CONNECTION
- O.S.&Y. VALVE
- POST INDICATOR VALVE
- PRIVATE DOUBLE HOSE HYDRANT
- PRIVATE SINGLE HOSE HYDRANT
- PUBLIC DOUBLE HOSE HYDRANT
- PUBLIC DOUBLE HOSE HYDRANT W/ PUMPER
- REDUCED PRESSURE BACKFLOW PREVENTER
- STANDPIPE WITH HOSE CONNECTION
- THRUST BLOCK
- VALVE IN PIT
- WALL HYDRANT

GENERAL NOTES

A. SCOPE OF WORK: PROVIDE A NEW AUTOMATIC WET PIPE SPRINKLER SYSTEM FOR THE BARN, PAVILLION, RESTROOMS, AND SMALL EVENTS BUILDING IN ACCORDANCE WITH THE LATEST ADOPTED EDITIONS OF NFPA 13, STATE, AND LOCAL CODES.

B. FIRE SPRINKLER SCOPE OF WORK TO START INSIDE THE BUILDING AFTER THE BACKFLOW PREVENTER.

C. ALL BUILDINGS ARE CONSIDERED TYPE VB COMBUSTIBLE CONSTRUCTION.

SHEET INDEX

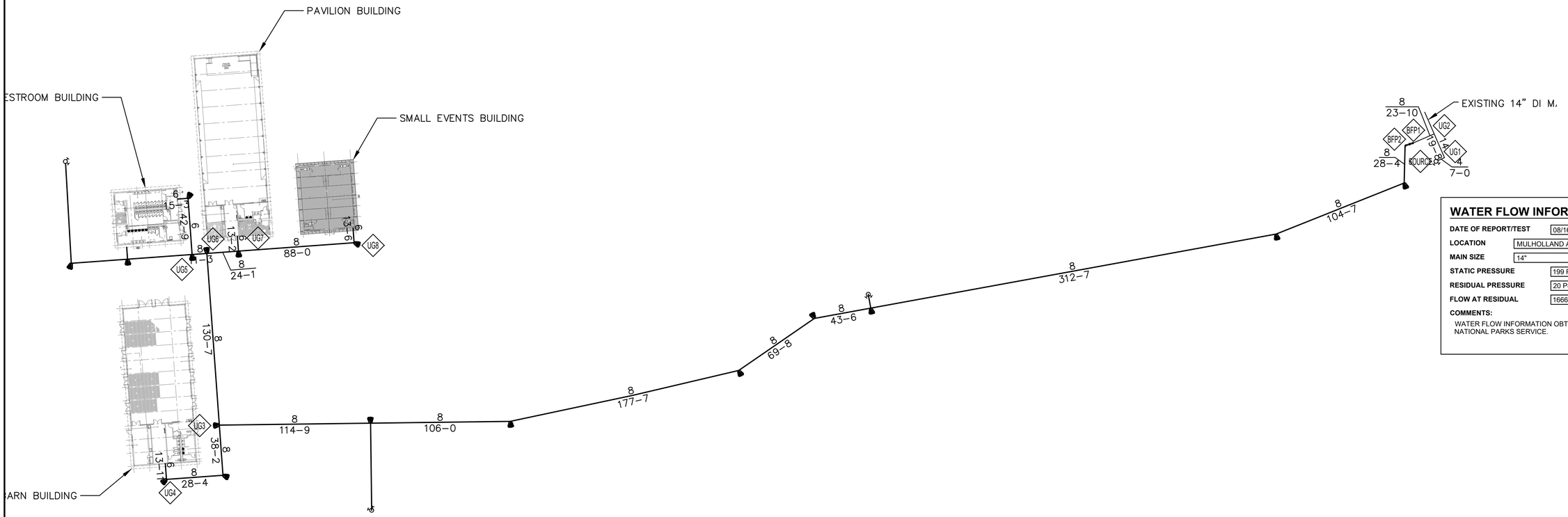
REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
EXP. 03/31/23
MECHANICAL
STATE OF CALIFORNIA

Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: ETB CADD: ETB TECH. REVIEW: KAR DATE: 07–15–2022	SUB SHEET NO. FP0.1	TITLE OF SHEET: SYMBOLS LIST AND GENERAL NOTES – FIRE PROTECTION SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 / 182819 PMIS/PKG NO. 303051 SHEET 148 OF 200

FILE: FP0.1 – SYMBOLS LIST AND GENERAL NOTES – FIRE PROTECTION.DWG – FP0.1 | EDIT: 7/21/2022 11:57 AM BY ETHANB | PLOT: 7/21/2022 2:56 PM BY ETHAN BROWN



1 FP2.0 SITE PLAN
SCALE: (K) 1" = 40'-0"

WATER FLOW INFORMATION

DATE OF REPORT/TEST	08/16/2021
LOCATION	MULHOLLAND AND CORNELL
MAIN SIZE	14"
STATIC PRESSURE	199 PSI
RESIDUAL PRESSURE	20 PSI
FLOW AT RESIDUAL	1666 GPM

COMMENTS:

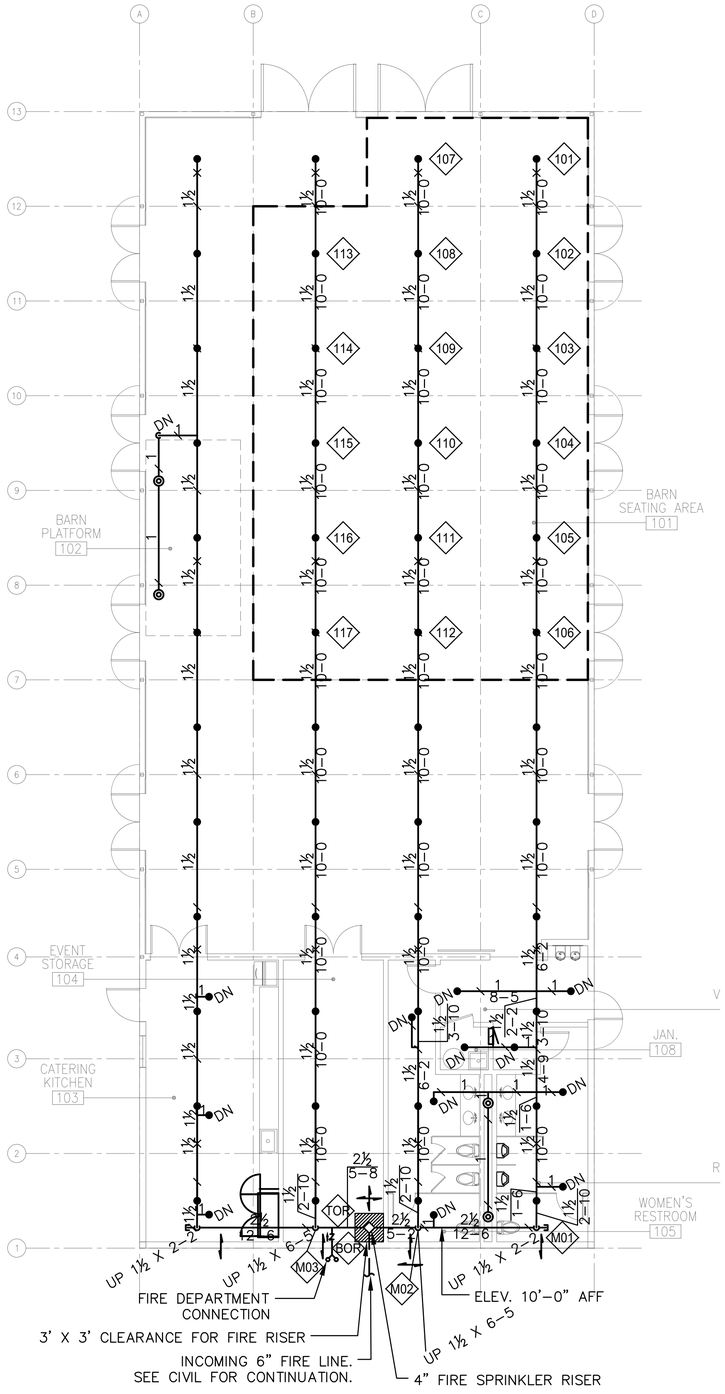
WATER FLOW INFORMATION OBTAINED FROM NATIONAL PARKS SERVICE.

RICHARD H. RUSSELL
No. M31923
Exp: 03/31/24
Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: ETB CADD ETB TECH. REVIEW: KAR DATE: 07-15-2022	SUB SHEET NO. FP1.0	TITLE OF SHEET SITE PLAN – FIRE PROTECTION SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 / 182819 PMIS/PKG NO. 303051 SHEET 149 OF 200

FILE: FP1.0 – SITE PLAN – FIRE PROTECTION.DWG – FP1.0 | EDIT: 7/21/2022 11:38 AM BY ETHANB | PLOT: 7/21/2022 2:36 PM BY ETHAN BROWN



1 FP2.0 BARN FIRST FLOOR PLAN
SCALE: Ⓚ 1/8" = 1'–0"

HYDRAULIC REMOTE AREA	
REMOTE AREA:	REMOTE AREA 1
HAZARD:	ORDINARY GROUP II
REMOTE AREA SIZE:	1985 SQFT
NO. OF SPRINLERS:	17
DENSITY:	0.20 GPM/SQFT
SYSTEM DEMAND:	
763.0 GPM@122.42 PSI	
AT	
HOSE:	0 GPM INSIDE
	250 GPM OUTSIDE
MAX HEAD SPACING:	125 SQFT
COMMENTS:	

GENERAL NOTES

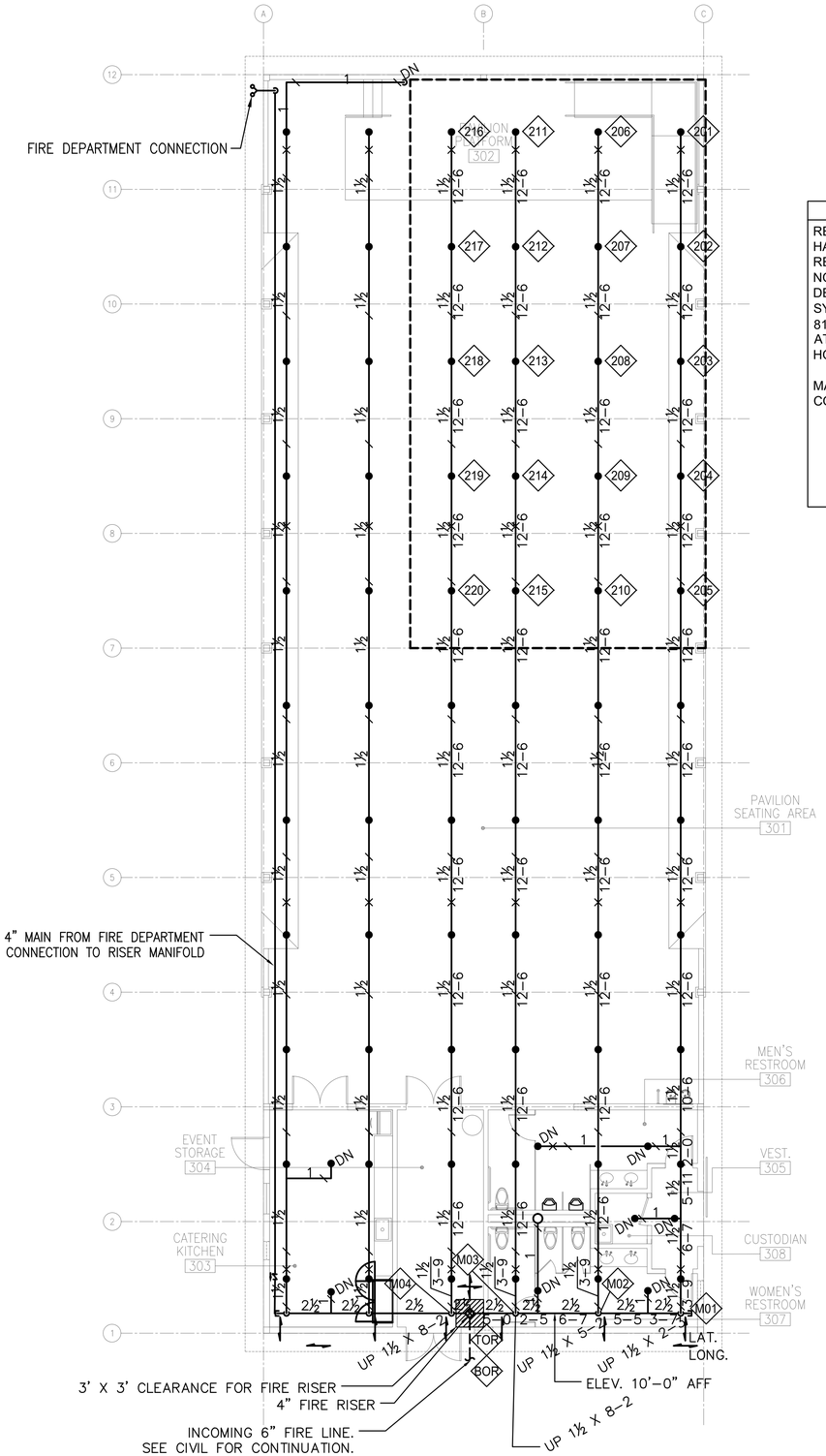
1. ALL PIPING OTHER THAN ARMOVERS AND DROPS TO PENDENTS SPRINKLERS IN HARD–LID CEILINGS TO BE CONCEALED.
2. REFER TO DETAIL 6, SHEET FP5.01 FOR PENDENT DROP DETAIL.
3. PROVIDE EXPOSURE PROTECTION DELUGE SYSTEM AT EXTERIOR EAVES IN ACCORDANCE WITH SPECIFICATION SECTION 21 13 19, BASIS OF DESIGN NARRATIVE, AND NFPA 13.

REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
Exp. 03/31/23
MECHANICAL
STATE OF CALIFORNIA

Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: ETB	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 / 182819
CADD ETB	FP2.0	BARN BUILDING FLOOR PLAN – FIRE PROTECTION	PMIS/PKG NO. 303051
TECH. REVIEW: KAR		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 150 OF 200
DATE: 07–15–2022			

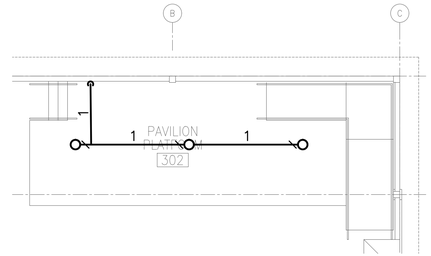


1 FP2.2 PAVILLION FIRST FLOOR PLAN
SCALE: Ⓚ 1/8" = 1'–0"

HYDRAULIC REMOTE AREA
REMOTE AREA: REMOTE AREA 2
HAZARD: ORDINARY GROUP II
REMOTE AREA SIZE: 1995 SQFT
NO. OF SPRINLERS: 20
DENSITY: 0.20 GPM/SQFT
SYSTEM DEMAND:
812.6 GPM@113.45 PSI
AT
HOSE: GPM INSIDE
250 GPM OUTSIDE
MAX HEAD SPACING: 125 SQFT
COMMENTS:

GENERAL NOTES

1. ALL PIPING TO BE CONCEALED.
2. PENDENT SPRINKLERS BETWEEN GRIDLINES 3 & 12 TO BE EXPOSED WITH NO ESCUTCHEON.
3. LATERAL AND LONGITUDINAL BRACES SHOWN ARE CONSIDERED WORST–CASE, AND CALCULATIONS ARE BASED OFF LABELED BRACES.
4. PROVIDE EXPOSURE PROTECTION DELUGE SYSTEM AT EXTERIOR EAVES IN ACCORDANCE WITH SPECIFICATION SECTION 21 13 19, BASIS OF DESIGN NARRATIVE, AND NFPA 13.



2 FP2.2 PAVILLION PLATFORM PLAN
SCALE: Ⓚ 1/8" = 1'–0"

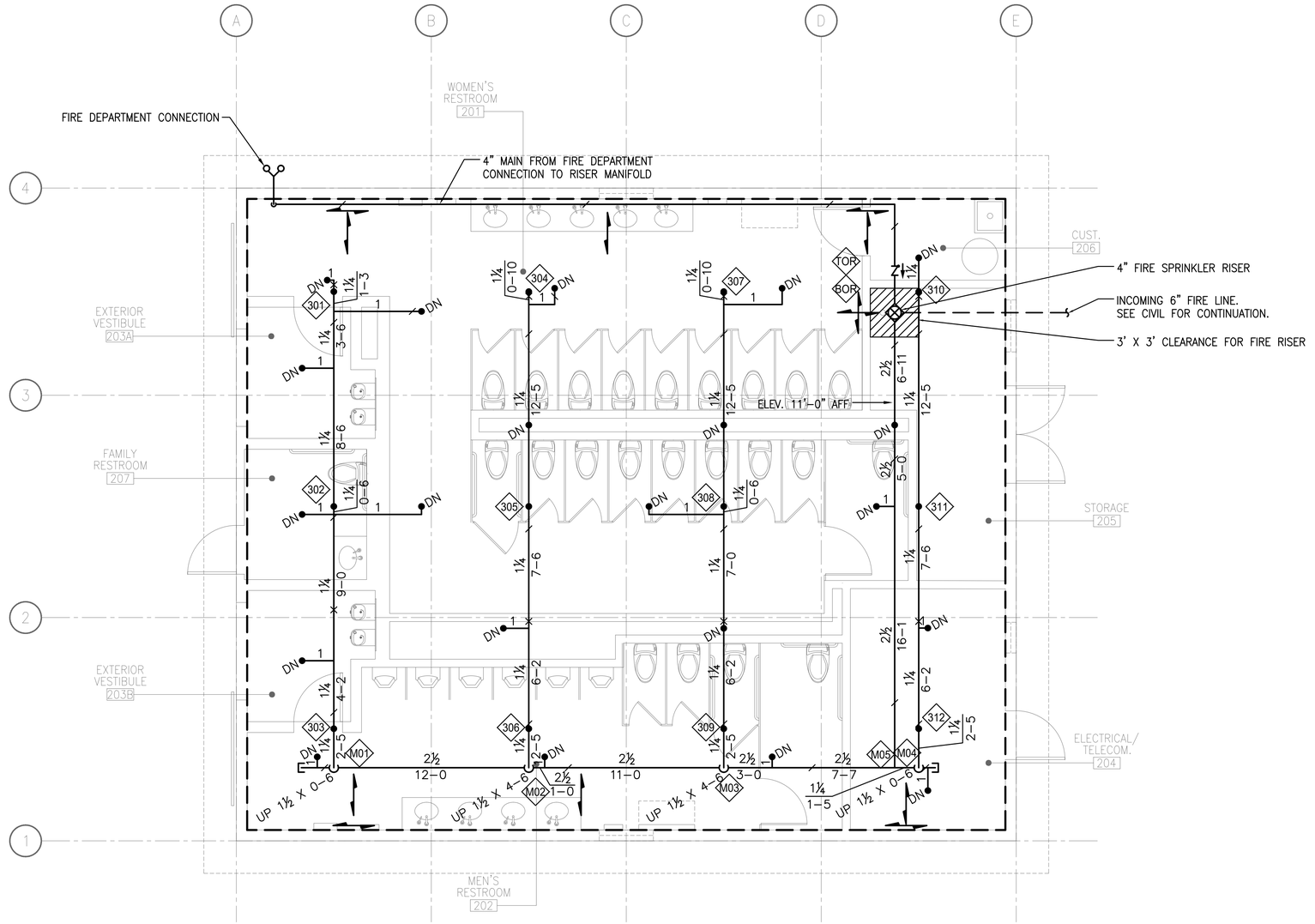
REGISTERED PROFESSIONAL ENGINEER
RICHARD H. RUSSELL
No. M31923
Exp. 03/31/23
MECHANICAL
STATE OF CALIFORNIA

Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
ETB		PAVILLION BUILDING FLOOR PLAN – FIRE PROTECTION	638 / 182819
CADD: ETB	FP2.2		PMIS/PKG NO. 303051
TECH. REVIEW: KAR		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 151 OF 200
DATE: 07–15–2022			

FILE: FP2.2 – PAVILLION BUILDING FLOOR PLAN – FIRE PROTECTION.DWG – FP2.2 | EDIT: 7/21/2022 11:38 AM BY ETHANB | PLOT: 7/21/2022 2:56 PM BY ETHAN BROWN



1 FP2.4 RESTROOM FLOOR PLAN
SCALE: (J) 1/4" = 1'-0"

GENERAL NOTES

1. ALL PIPING OTHER THAN ARMOVERS AND DROPS TO PENDENTS SPRINKLERS IN HARD-LID CEILINGS TO BE CONCEALED.
2. PROVIDE EXPOSURE PROTECTION DELUGE SYSTEM AT EXTERIOR EAVES IN ACCORDANCE WITH SPECIFICATION SECTION 21 13 19, BASIS OF DESIGN NARRATIVE, AND NFPA 13.

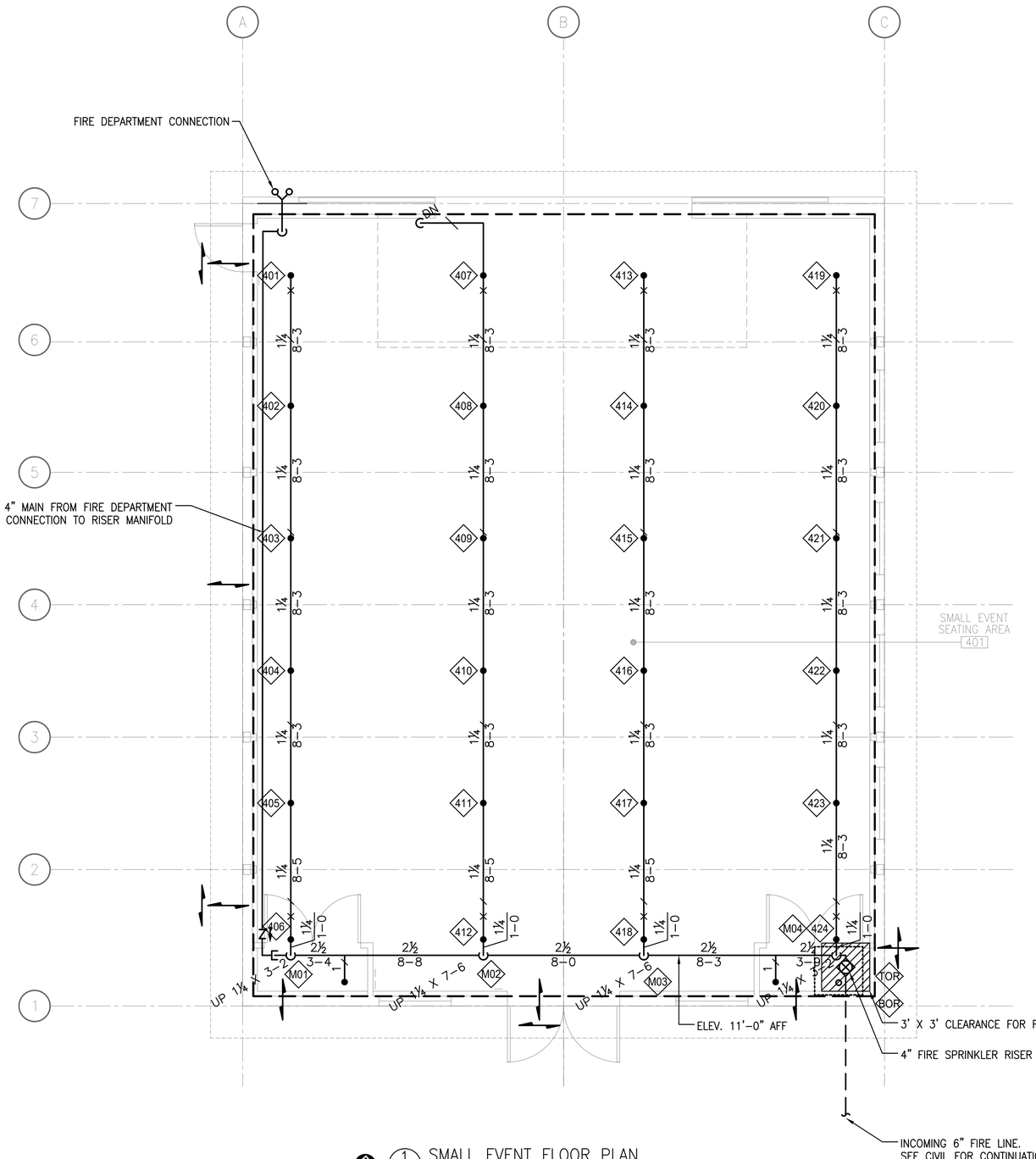
HYDRAULIC REMOTE AREA

REMOTE AREA: REMOTE AREA 3
HAZARD: LIGHT HAZARD
REMOTE AREA SIZE: 1812 SQFT
NO. OF SPRINLERS: 12
DENSITY: 0.10 GPM/SQFT
SYSTEM DEMAND:
321.5 GPM@34.2 PSI
AT
HOSE: GPM INSIDE
100 GPM OUTSIDE
MAX HEAD SPACING: 196 SQFT
COMMENTS:

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: ETB	SUB SHEET NO.	TITLE OF SHEET: RESTROOM BUILDING FLOOR PLAN – FIRE PROTECTION	DRAWING NO. 638 / 182819
CADD: ETB	FP2.4	SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	PMIS/PKG NO. 303051
TECH. REVIEW: KAR			SHEET 152 OF 200
DATE: 07-15-2022			

REGISTERED PROFESSIONAL ENGINEER RICHARD H. RUSSELL No. M31923 EXP. 09/31/22 CIVIL ENGINEERING STATE OF CALIFORNIA
Signed: 7/21/22



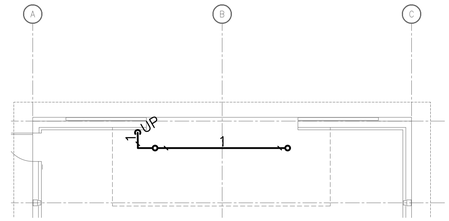
1 FP2.5 SMALL EVENT FLOOR PLAN
SCALE: (J) 1/4" = 1'–0"

HYDRAULIC REMOTE AREA

REMOTE AREA: REMOTE AREA 4
HAZARD: ORDINARY GROUP II
REMOTE AREA SIZE: 1887 SQFT
NO. OF SPRINLERS: 24
DENSITY: 0.20 GPM/SQFT
SYSTEM DEMAND:
897.7 GPM@125.23 PSI
AT
HOSE: GPM INSIDE
250 GPM OUTSIDE
MAX HEAD SPACING: 100 SQFT
COMMENTS:

GENERAL NOTES

1. ALL PIPING TO BE CONCEALED.
2. PROVIDE EXPOSURE PROTECTION DELUGE SYSTEM AT EXTERIOR EAVES IN ACCORDANCE WITH SPECIFICATION SECTION 21 13 19, BASIS OF DESIGN NARRATIVE, AND NFPA 13.

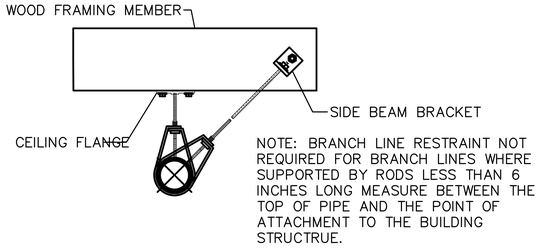


1 FP2.5 SMALL EVENT PLATFORM PLAN
SCALE: (K) 1/8" = 1'–0"

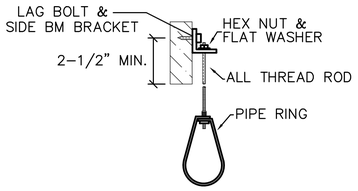
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: ETB CADD ETB TECH. REVIEW: KAR DATE: 07–15–2022	SUB SHEET NO. FP2.5	TITLE OF SHEET: SMALL EVENT BLDG. FLOOR PLAN – FIRE PROTECTION SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 / 182819 PMIS/PKG NO. 303051 SHEET 153 OF 200

REGISTERED PROFESSIONAL ENGINEER RICHARD H. RUSSELL No. M31923 Exp:03/31/23 MECHANICAL STATE OF CALIFORNIA
Signed: 7/21/22

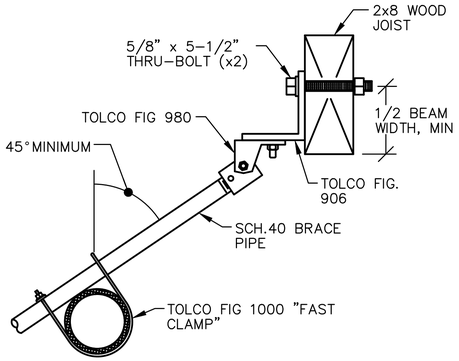


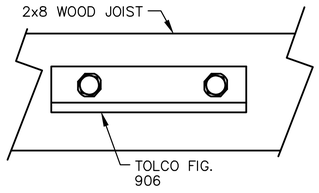
1 BRANCH LINE RESTRAINT
NO SCALE



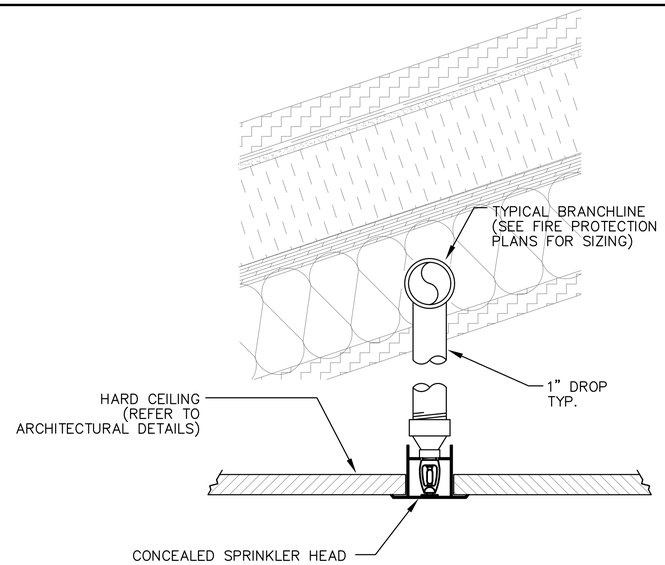
PIPE ø	LAG BOLT ø x LENGTH	SIDE BM BRACKET SPACING
2"ø	3/8"ø x 4"	8'-4" O.C. MAX
3-6"ø	1/2"ø x 4"	8'-4" O.C. MAX
8"ø	5/8"ø x 5"	8'-4" O.C. MAX

2 SIDE BEAM BRACKET HANGER
NO SCALE

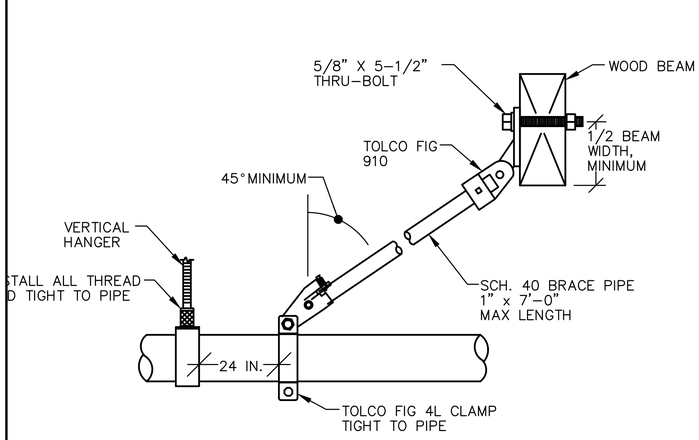




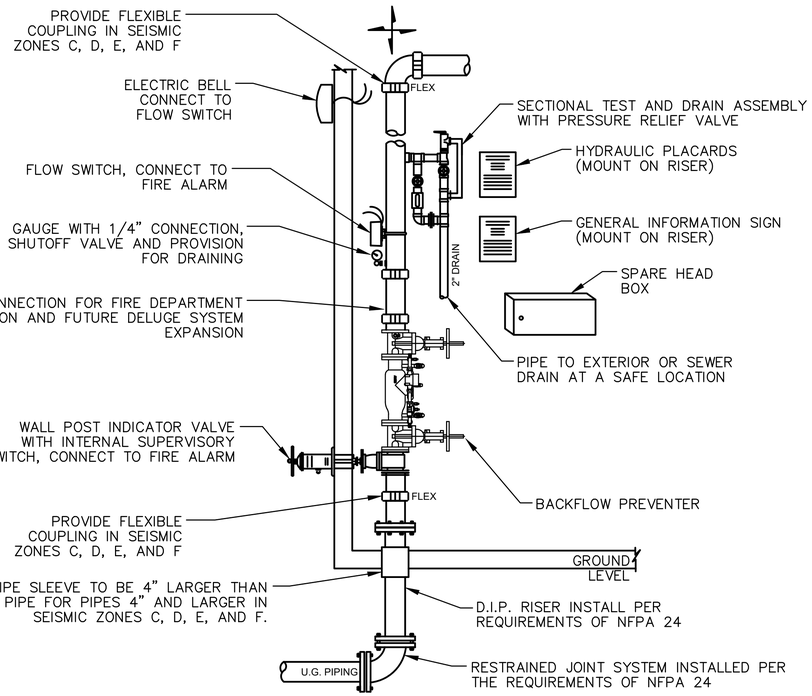
3 LATERAL SWAY BRACE
NO SCALE



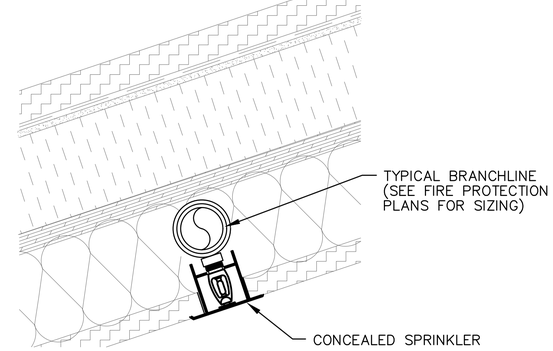
6 DROP TO PENDENT DETAIL
NO SCALE



4 LONGITUDINAL SWAY BRACE
NO SCALE



5 RISER DETAIL
NO SCALE



7 CONCEALED BRANCHLINE DETAIL
NO SCALE

REGISTERED PROFESSIONAL ENGINEER RICHARD H. AUSSELL No. M31923 MECHANICAL STATE OF CALIFORNIA
Signed: 7/21/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
ETB	FP5.1	DETAILS – FIRE PROTECTION	638 / 182819
CADD: ETB			PMIS/PKG NO. 303051
TECH. REVIEW: KAR		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 154 OF 200
DATE: 07-15-2022			

FILE: FP5.1 - DETAILS - FIRE PROTECTION.DWG - FP5.1 | EDIT: 7/21/2022 11:59 AM BY ETHANB | PLOT: 7/21/2022 2:56 PM BY ETHAN BROWN

ELECTRICAL SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

(E)	EXISTING
A	AMPERES, AMBER
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AVAILABLE INTERRUPTING CAPACITY
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AWG	AMERICAN WIRE GAUGE
C	CONDUIT, CLOSE, CONTROL
CA	CABLE
CAT	CATEGORY
CLG	CEILING
COORD	COORDINATE
CU	COPPER
DIA	DIAMETER
DIM	DIMENSION
DTL	DETAIL
DWG	DRAWING
E	EMERGENCY
EF	EXHAUST FAN
EL	ELEVATION
EMT	ELECTRICAL METALLIC TUBING
FA	FIRE ALARM
FMC	FLEXIBLE METAL CONDUIT
FT	FOOT, FEET
G, GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
GFP	GROUND FAULT PROTECTION
HT	HEIGHT
ICT	INFORMATION COMMUNICATION TECHNOLOGY
ID	IDENTIFICATION
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
IG	ISOLATED GROUND
IN	INCH, INCHES
KV	KILOVOLT
KVA	KILOVOLT AMPERES
KW	KILOWATT
LED	LIGHT EMITTING DIODE
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
MCA	MINIMUM CIRCUIT AMPS
MIN	MINIMUM
MISC	MISCELLANEOUS
MOCP	MAXIMUM OVERCURRENT PROTECTION
MT, MTD	MOUNT, MOUNTED
N.I.C.	NOT IN CONTRACT
N/A	NOT APPLICABLE
N	NEUTRAL
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NESC	NATIONAL ELECTRIC SAFETY CODE
NTS	NOT TO SCALE
OC	ON CENTER
O.D.	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
PBB	PRIMARY BUSBAR
PH	PHASE
PNL	PANEL
PVC	POLY-VINYL-CHLORIDE
PWR	POWER
QTY	QUANTITY
REQD	REQUIRED
RFI	REQUEST FOR INFORMATION
RM	ROOM
RMC	RIGID METAL CONDUIT
SBB	SECONDARY BUSBAR
SHT	SHEET
SPD	SURGE PROTECTION DEVICE
STD	STANDARD
SWBD	SWITCHBOARD
TBD	TO BE DETERMINED
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
V	VOLTS, VOLTAGE
W/	WITH
W/O	WITHOUT
WP	WEATHERPROOF
XFMR	TRANSFORMER

Connections / Equipment

- FSD — FIRE SMOKE DAMPER
- HEAVY DUTY FUSED DISCONNECT SWITCH
- CEILING MOUNTED JUNCTION BOX
- FLOOR MOUNTED JUNCTION BOX
- WALL-MOUNTED JUNCTION BOX
- MOTOR CONNECTION
- NON-FUSED DISCONNECT SWITCH
- T — TRANSFORMER PAD MOUNTED

General

- DEMOLISH
- EXISTING WORK
- NEW WORK
- X/X — DETAIL NUMBER AND SHEET LOCATION
- XX-X LOCATION — EQUIPMENT IDENTIFICATION
- 1 — KEYED NOTE

Lighting

- EXIT SIGN CEILING MOUNTED, ARROW(S) INDICATES DIRECTION IF SHOWN
- EXIT SIGN WALL MOUNTED, ARROW(S) INDICATES DIRECTION IF SHOWN
- RECESSED 1' X 4' LUMINAIRE
- RECESSED 1' X 4' LUMINAIRE WITH INTEGRATED EMERGENCY BATTERY PACK
- RECESSED LUMINAIRE
- RECESSED LUMINAIRE WITH INTEGRATED EMERGENCY BATTERY PACK.
- SURFACE OR PENDANT MOUNTED LUMINAIRE
- SURFACE OR PENDANT MOUNTED LUMINAIRE WITH INTEGRATED EMERGENCY BATTERY PAC.
- SURFACE OR PENDANT MOUNTED STRIPLIGHT
- WALL MOUNTED 6" WIDE LUMINAIRE
- WALL MOUNTED 6" WIDE LUMINAIRE WITH INTEGRATED EMERGENCY BATTERY PACK.
- WALL MOUNTED LUMINAIRE
- WALL MOUNTED LUMINAIRE WITH INTEGRATED EMERGENCY BATTERY PACK.

Miscellaneous

- #10 / B-27,29,31. — BRANCH CIRCUIT WIRING. ARROW INDICATES HOME RUN TO PANEL WITH CIRCUITS AS NOTED. WIRE SIZE IS #12 AWG MINIMUM UNLESS NOTED OTHERWISE. SHORT TICK MARKS INDICATE PHASE CONDUCTORS. LONG TICK MARKS INDICATE NEUTRAL CONDUCTORS. A SINGLE CURVED TICK MARK INDICATES INSULATED GREEN GROUND CONDUCTOR. SECOND CURVED TICK MARK INDICATES "ISOLATED GROUND" (GREEN INSULATION WITH YELLOW STRIPE) CONDUCTOR.
- BRANCH PANEL
- CIRCUIT BREAKER
- DRY TYPE TRANSFORMER
- FLUSH WALL MOUNTED BRANCH PANEL
- GB — GROUND BAR
- MAIN DISTRIBUTION PANEL / SUB DISTRIBUTION PANEL
- M — UTILITY METER WITH CONNECTION
- M — POWER METER WITH CONNECTION

Raceways

- CONDUIT CONCEALED IN WALL OR CEILING SPACE
- CONDUIT ROUTED BELOW FLOOR / GRADE
- CONDUIT ELLED DOWN
- CONDUIT ELLED UP
- CONDUIT/WIRING CONTINUATION

Switches and Receptacles

- DUPLEX RECEPTACLE (MULTIPLE LETTERS INDICATE MULTIPLE OPTIONS)
  - A = ABOVE COUNTER
  - C = FLUSH CEILING MOUNTED
  - F = ARC FAULT PROTECTED BY BREAKER IN PANEL
  - G = GROUND FAULT CIRCUIT INTERRUPTER
  - P = PENDANT MOUNTED WITH CORD GRIPS. VERIFY PENDANT LENGTH
  - R1 = HALF SWITCHED BY OCCUPANCY SENSOR RELAY
  - R2 = FULLY SWITCHED BY OCCUPANCY SENSOR RELAY
  - W = WEATHERPROOF CONTINUOUS USE COVER, GFCI PROTECTED, WITH WEATHER-RESISTANT RECEPTACLE
- DUPLEX RECEPTACLE, FLUSH FLOOR
- DOUBLE DUPLEX RECEPTACLE, FLUSH FLOOR
- DOUBLE DUPLEX RECEPTACLE. SEE LETTER CODE LIST AT DUPLEX RECEPTACLE FOR OPTIONS
- SPECIAL PURPOSE RECEPTACLE. LETTER CODE DENOTES RECEPTACLE CONFIGURATION
  - LX-XXR = NEMA CONFIGURATION TWIST-LOCK RECEPTACLE
  - X-XXR = NEMA CONFIGURATION STRAIGHT BLADE RECEPTACLE
  - P = PENDANT MOUNT WITH CORD GRIPS. VERIFY PENDANT LENGTH
  - X = COORDINATE RECEPTACLE CONFIGURATION WITH EQUIPMENT BEING SUPPLIED
- OS — CEILING MOUNTED OCCUPANCY SENSOR
  - P = PASSIVE INFRARED
  - D = DUAL TECHNOLOGY
  - U = ULTRASONIC, 360 DEG RANGE
  - H = ULTRASONIC, HALLWAY PATTERN
  - v (LOWERCASE) = VACANCY CONTROL DESIGNATION
- OSH — WALL MOUNTED OCCUPANCY SENSOR
  - P = PASSIVE INFRARED
  - D = DUAL TECHNOLOGY
  - U = ULTRASONIC, 360 DEG RANGE
  - v (LOWERCASE) = VACANCY CONTROL DESIGNATION
- SSH — WALL MOUNTED OCCUPANCY SENSOR/SWITCH
  - S = PASSIVE INFRARED WITH INTEGRAL "OFF" SWITCH
  - T = DUAL RELAY PASSIVE INFRARED WITH TWO INTEGRAL "OFF" SWITCHES
  - D = PASSIVE INFRARED WITH INTEGRAL DIMMER TO OFF.
  - v (LOWERCASE) = VACANCY CONTROL DESIGNATION
- $ — SINGLE POLE SWITCH
  - 2 = DOUBLE POLE SWITCH
  - 3 = THREE-WAY SWITCH
  - 4 = FOUR-WAY SWITCH
  - a THRU z (LOWERCASE) = LUMINAIRE CONTROL DESIGNATION
  - D = DIMMER
  - K = KEY OPERATED SWITCH

SOUTHERN CALIFORNIA EDISON APPLICATION

SOUTHERN CALIFORNIA EDISON (SCE) APPLICATION HAS BEEN SUBMITTED AND CURRENTLY AWAITING PRELIMIARY SCE DRAWING. CONTRACTOR SHALL ASSUME RESPONSIBILITY OF APPLICATION AND COORDINATE DIRECTLY WITH SCE REP ADAM MARKUM (ADAM.R.MARCUM@SCE.COM/310-315-3243). CONTRACTOR SHALL INSTALL ALL EQUIPMENT TO COMPLY WITH SCE REQUIREMENTS, WHICH INCLUDES BUT NOT LIMITED TO, THE INSTALLATION OF CONDUITS FROM SCE TO MAIN SWITCHBOARD. IT IS CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL MEETINGS AND INSPECTIONS WITH SCE.

SHEET INDEX

REGISTERED PROFESSIONAL ENGINEER — THOMAS B. JUN — No. E19320 — Exp: 12/31/22 — ELECTRICAL — STATE OF CALIFORNIA

Signed: 8/17/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: IEI / DRAWN: AC / TECH. REVIEW: TJ / DATE: 07-15-2022	SUB SHEET NO. E0.1	TITLE OF SHEET: ELECTRICAL SYMBOL LIST	DRAWING NO. 638 / 182819; PMIS/PKG NO. 303051; SHEET 155 OF 200

SAMO REBUILD PARAMOUNT RANCH
AGOURA HILLS, CALIFORNIA

GENERAL ELECTRICAL NOTES

A. DO NOT COMMENCE INSTALLATION OF ELECTRICAL SYSTEMS AND EQUIPMENT WITHOUT RELATED SHOP DRAWING APPROVALS.

B. ELECTRICAL CIRCUITS SHALL BE INTERRUPTED ONLY WITH PRIOR WRITTEN CONSENT. SUCH INTERRUPTIONS SHALL BE PRECEDED BY ALL POSSIBLE PREPARATIONS BY THE CONTRACTOR WHICH ARE NECESSARY TO KEEP THE ELECTRICAL CIRCUITS OFF FOR A MINIMUM PERIOD IN AN EXPEDITIOUS MANNER PURSUANT WITH GOOD WORKMANSHIP. THIS INCLUDES CIRCUIT TRACING TO IDENTIFY THE ELECTRICAL LOAD BEING SERVED AND THE ORIGIN OF THE CIRCUIT.

C. COORDINATE WITH CONTRACTING OFFICER SO THAT WORK CAN BE SCHEDULED NOT TO INTERRUPT OPERATIONS, NORMAL ACTIVITIES, BUILDING ACCESS, ACCESS TO DIFFERENT AREAS. CONTRACTING OFFICER WILL COOPERATE TO THE BEST OF THEIR ABILITY TO ASSIST IN A COORDINATED SCHEDULE, BUT WILL REMAIN THE FINAL AUTHORITY AS TO TIME OF WORK PERMITTED.

D. COORDINATE THE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCEMENT OF WORK. COMPENSATE THE OWNER FOR DAMAGES CAUSED BY THE FAILURE TO LOCATE AND PRESERVE UTILITIES. REPLACE DAMAGED ITEMS WITH NEW MATERIAL TO MATCH EXISTING.

E. CONCEALED CONDUIT LOCATED IN CONCRETE WALLS OR HARDBOARD CEILING SPACES MAY BE ABANDONED IN PLACE. REMOVE CONDUCTORS AND TAG ABANDONED CONDUITS WITH CORRESPONDING SYSTEM AND TERMINATION POINT. CUT AND CAP ABANDONED CONDUIT. DO NOT EXTEND STUBS ABOVE FINISHED FLOOR.

F. REMOVE ABANDONED WIRING TO LEAVE SITE CLEAN.

G. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

H. CONNECT EQUIPMENT AND DEVICES FURNISHED UNDER OTHER DIVISIONS OF THIS CONTRACT, BY CONTRACTING OFFICER OR BY OTHER CONTRACTS.

I. DESIGN OF TEMPORARY POWER FOR CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. REMOVE TEMPORARY POWER PRIOR TO COMPLETION OF PROJECT.

J. PROVIDE UNSWITCHED HOT CONDUCTOR TO EMERGENCY BALLAST/DRIVER OF SWITCHED LUMINAIRES TO PREVENT SWITCHOVER TO BATTERY OPERATION WHEN LUMINAIRES ARE SWITCHED TO THE OFF POSITION.

K. INSTALLATION OF UTILITY TRANSFORMER, UTILITY SERVICE CONDUITS, VAULTS, GROUNDING, ETC., SHALL BE VERIFIED AND COORDINATED WITH UTILITY COMPANY PRIOR TO INSTALLATION. ALL WORK SHALL CONFORM WITH ALL UTILITY COMPANY RULES, REGULATIONS, AND STANDARDS. THE PROPOSED UTILITY COMPANY TRANSFORMER LOCATION, SERVICE FEEDER ROUTING, VAULT LOCATION AND SIZE ARE SUBJECT TO UTILITY COMPANY ENGINEERING, REVIEW AND APPROVAL. AT THE TIME OF THE ISSUANCE OF THESE DOCUMENTS, THIS ENGINEERING HAS NOT BEEN COMPLETED. CONTRACTOR SHALL COORDINATE AND VERIFY ALL THE NECESSARY UTILITY REQUIREMENTS FOR THIS PROJECT WITH UTILITY COMPANY PRIOR TO COMMENCING WORK.

L. ALL WORK ON SERVICE CONDUCTORS, FEEDERS, AND OTHER SUCH EQUIPMENT SHALL BE DONE ONLY WHEN SUCH CONDUCTORS, FEEDERS, AND EQUIPMENT ARE DE-ENERGIZED. PREPARE AN "ELECTRICAL SAFETY AND LOCK-OUT/TAG-OUT PROCEDURE" IN PLACE PRIOR TO COMMENCEMENT OF WORK.

M. COORDINATE ALL CONDUIT TRENCHING WITH OTHER DISCIPLINES AND THE UTILITY COMPANY TO AVOID CONFLICT.

REGISTERED PROFESSIONAL ENGINEER
THOMAS B. JUN
No. E19320
Exp: 12/31/23
ELECTRICAL
STATE OF CALIFORNIA
Signed: 8/19/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
IEI		GENERAL ELECTRICAL NOTES	638 / 182819
CADD: AC	E0.2		PMIS/PKG NO. 303051
TECH. REVIEW: TJ		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 156 OF 200
DATE: 07-15-2022			

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	HOUSING	SHIELDING	MOUNTING	FINISH	UL/IP RATING	DRIVER	LAMP(S)	INPUT WATTS	VOLTAGE	MFG/CATALOG #	NOTES
A	SURFACE MOUNTED WET LISTED DOWNLIGHT	ALUMINUM HOUSING	DIFFUSING LENS	CEILING MOUNTED TO JBOX IN CORRUGATED CEILING CUTOUT	BRONZE	WET LISTED	0–10V DIMMING DRIVER	2700K, 700 LUMENS, 90 CRI	10W	120–277V	JUNO JSFSQ 5IN 07LM 27K 90CRI MVOLT ZT WH X JSFQTRIM 5IN TBC OR APPROVED EQUIVALENT	
B	VANITY WALL MOUNTED LUMINAIRE	TEMPER ALUMINUM	SHIELDED HOUSING OVER BULB	WALL MOUNTED ABOVE MIRRORS	BLACK	DAMP LISTED	STANDARD NON DIM	E26 LED LAMP, 2700K, 800 LUMENS, 90CRI	60W	120V	BARN LIGHT MINI ECLIPSE WALL SCONCE BLE–W–WHEM–X–G38–E26 OR APPROVED EQUIVALENT	
C	DIFFUSED LED STRIP FOR BACK OF HOUSE SPACES WITH INTEGRATED SENSOR	COLD GAUGE STEEL	ROUND FROSTED ACRYLIC LENS	CEILING SUSPENDED/MOUNTED AT 8FT	WHITE	DAMP LISTED	0–10V DIMMING DRIVER	3000K, 3275 UMENS	25.2W	120–277V	COLOMBIA RLW 4 30 VW –FA W ED U NXOS OR APPROVED EQUIVALENT	
C1	DIFFUSED LED STRIP FOR WALL MOUNT WITHOUT INTEGRATED SENSOR	COLD GAUGE STEEL	ROUND FROSTED ACRYLIC LENS	WALL MOUNTED ABOVE DOOR	WHITE	DAMP LISTED	0–10V DIMMING DRIVER	3000K, 3275 UMENS	25.2W	120–277V	COLOMBIA RLW 4 30 VW –FA W ED U OR APPROVED EQUIVALENT	
D	WALL MOUNTED DECORATIVE SCONCE IN EVENT BUILDING	ALUMINUM HOUSING	OPAL GLASS	WALL MOUNTED AT 7FT	OLD BRONZE	DRY LISTED	ELV DIMMING	E26 DIMMABLE LED BULB, 2700K, 90CRI , 800 LUMENS	100W	120V	HUDSON VALLEY LIGHTING KESWICK 1971–XXX OR APPROVED EQUIVALENT	
D1	WALL MOUNTED DECORATIVE SCONCE IN BARN BUILDING	DIE CAST ALUMINUM	CLEAR ACRYLIC LENS	WALL MOUNTED AT 7FT	BRONZE	DAMP LISTED	0–10V DIMMING DRIVER	LED, 90 CRI, 1350 LUMENS	15W	120–277V	OCL VEGA VA2 S1SA 08 WF X LED2 2927K UNV DM1 ULD OR APPROVED EQUIVALENT	
F	PAVILLION WET LISTED UPLIGHT – 10FT LENGTH	EXTRUDED ALUMINUM	EXTRUDED POLYMER REFRACTIVE LENS	MOUNTED TO INSIDE OF BEAM AIMED UP AT CEILING AT 130 DEGREES UP FROM GROUND	DARK BRONZE	WET LISTED	0–10V DIMMING DRIVER TO 1%, REMOTE DRIVER	2700K, 80CRI, 3916 LUMENS/5FT	33W X2	120–277V	ELLIPTIPAR S151–R05L–H–XX–M–00–0–827–ZX HGA–0–02–4.5" HOL–02–000 HE–02–000, 80W DIMMING DRIVER TO 1% D21CC80UNVPWC OR APPROVED EQUIVALENT	PROVIDE SHOP DRAWINGS, MOUNT REMOTE DRIVERS ON WALL OF ADJACENT STORAGE ROOM
G	WALL MOUNTED CONTINUOUS LINEAR LUMINAIRE AT BATHROOM STALLS – VARIOUS LENGTHS	EXTRUDED ALUMINUM	FROSTED EXTRUDED ACYLIC LENS	MOUNTED ON WALL ABOVE STALLS AT 7 FEET	FAUX WALNUT	DAMP LISTED	0–10V DIMMING DRIVER	2700K, 90 CRI, 570 LUMENS UP PER FOOT/ 470 LUMENS DOWN PER FOOT	10.7W/ FT	120–277V	BARTCO FAUX31–XX–27–D–1–L–L–2–A–WM–X–X OR APPROVED EQUIVALENT	PROVIDE SHOP DRAWINGS
H	TRACK LIGHTING	EXTRUSION ALUMINUM	INTERCHANGEABLE OPTICS, LENS	MOUNTED ON SIDE OF BEAMS, AIMED UP AT CEILING AND AT FLOOR	MATTE BLACK	DRY	TRAILING EDGE/ LEADING EDGE DIMMING	2700K, 1000LUMENS PER TRACK HEAD, CRI 90	6W/ HEAD	120V	LIGHTOLIER OMNI SPOT LC–10–927–X–TE–LLM RF, TRACK; LIGHTOLIER BASIC TRACK 6000 + SURFACE MOUNTING KIT FOR FLUSH INSTALLATION OR APPROVED EQUIVALENT	PROVIDE SHOP DRAWINGS
J	EXTERIOR WALL MOUNTED BARN LIGHT	TEMPER ALUMINUM	FLAT LENS	MOUNTED AT APEX AT ENDS OF BUILDINGS APPROX 20FT, MOUNTED ON FACIA ON OTHER LOCATIONS AT SIDES APPROX.10FT	RUST	WET LISTED	ELV DIMMING	2700K, 3000 LUMENS, 90 CRI	38W	120V	BARNLIGHT BLE–G–WHS18–X–G22–X–NA–LDBPC–LED38–2700K–FL OR APPROVED EQUIVALENT	
K	LIGHT POST	TEMPER ALUMINUM	FLAT LENS	MOUNTED ON 10FT POLE	RUST	WET LISTED	ELV DIMMING	2700K, 3000 LUMENS, 90 CRI, DARK SKY COMPLIANT	38W	120V	BARNLIGHT BLE–PMS–WHS16–NA–NA–NA–NA–NA–PMDBS10–NA–LED38–2700K–DL, 10' SMOOTH POLE DIRECT BURIAL SINGLE MOUNT TYPE OR APPROVED EQUIVALENT	REFER TO LANDSCAPE DETAIL 02/L4.2
K1	WOOD POST BOLLARD	ALUMINUM HOUSING	TEMPERED IMPACT RESISANT GLASS	MOUNTED ON WOOD POST WITH EXPOSED METALLIC CONDUIT	CORTEN FINISH	WET LISTED, IMPACT RESISTANT	ELV DIMMING	2700K, 795 LUMENS, CRI > 80 B0,U0,G0	8W	120V	LIGMAN ULEW–30001 8W LED T2 W27 X 120/277V–SCE 4MP OR APPROVED EQUIVALENT	REFER TO LANDSCAPE DETAIL 01/L4.2
L	ADJUSTABLE EGRESS FLOODLIGHT	DIE CAST ALUMINUM	LENS	MOUNTED ON FACIA AIMED AT 50 DEGREES UP	DARK BRONZE	WET LISTED	NON DIM	4000K, 13,200 LUMENS, 70 CRI	94W	120–277V	LITHONIA TFX2 LED 40K MVOLT YK DDBXD OR APPROVED EQUIVALENT	NORMALLY OFF, ONLY ON DURING LOSS OF POWER FOR EMERGENCY EGRESS PURPOSES
X1	EXIT SIGN – SINGLE SIDE WITH BATTERY BACKUP	DIE CAST ALUMINUM HOUSING	LASER FORMED ACRYLIC WITH MIRROR BACKGROUND	UNIVERSAL	WHITE AT SMALL EVENT AND BACK OF HOUSE, BLACK AT BARN RESTAURANT AND PAVILLION	DRY	STANDARD	GREEN LED	3.8W MAX	120V	EVENLITE SOVERIGN SOV EM G 1M X X X OR APPROVED EQUIVALENT	PROVIDE DIRECTIONAL ARROWS AS SHOWN ON DRAWINGS
X2	EMERGENCY DECORATIVE 'BUG EYE' FIXTURE	HIGH IMPACT POLY CARBONATE	LED LENS	SIDE MOUNTED TO UPPER CORNER OF RAFTERS OR BEAMS CONCEALED AS MUCH AS POSSIBLE	BLACK	DAMP LISTED	STANDARD	309 LUMENS	4W MAX	120V	COOPER LIGHTING 'SURE–LITES' SEL60 BK SD	NORMALLY OFF ONLY ON DURING EMERGENCY EGRESS

NOTES:

1. THIS LUMINAIRE SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING THE ELECTRICAL SPECIFICATIONS.
2. DIMMING CONTROL PROTOCOL (0–10VDC, LINE VOLTAGE, DALI, ETC.) COMPATIBLE WITH LIGHTING CONTROL SYSTEM AS SPECIFIED AND SHOWN ON DRAWINGS.
3. PROVIDE +/– 12 INCH ADJUSTABILITY IN AIRCRAFT CABLE LENGTH WHERE USED.
4. COORDINATE ALL CEILING TYPES WITH LUMINAIRE LOCATIONS PRIOR TO ORDERING LUMINAIRES. COORDINATE INSTALLATION WITH REFLECTED CEILING PLAN.
5. SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED.
6. PROVIDE SUBMITTALS THAT INCLUDE THE LUMINAIRE, LAMP AND DRIVER INFORMATION OF EACH LUMINAIRE, WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD.

REGISTERED PROFESSIONAL ENGINEER THOMAS B. JUN No. E19320 Exp: 12/31/23 ELECTRICAL STATE OF CALIFORNIA

Signed: 8/17/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: IEI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 182819
CADD AC	E0.3	LUMINAIRE SCHEDULE & CONTROL MATRIX	PMIS/PKG NO. 303051
TECH. REVIEW: TJ		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 157 OF 200
DATE: 07–15–2022			

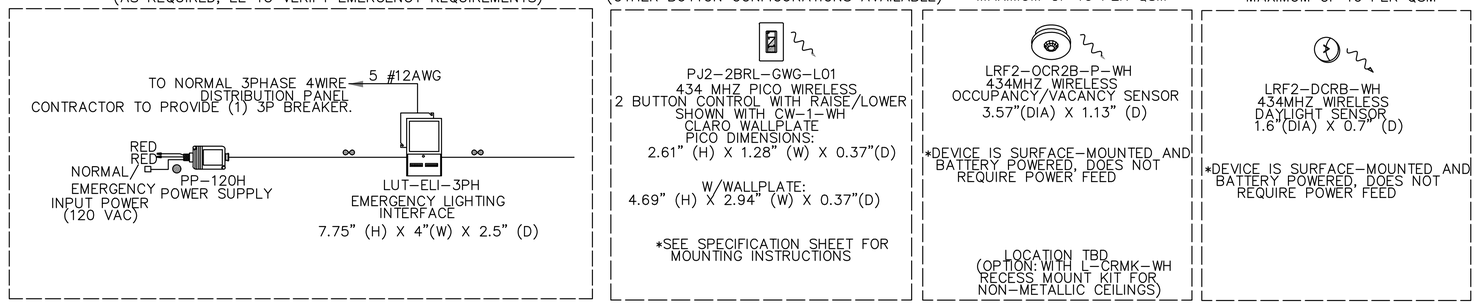
LIGHTING CONTROL SEQUENCE OF OPERATIONS

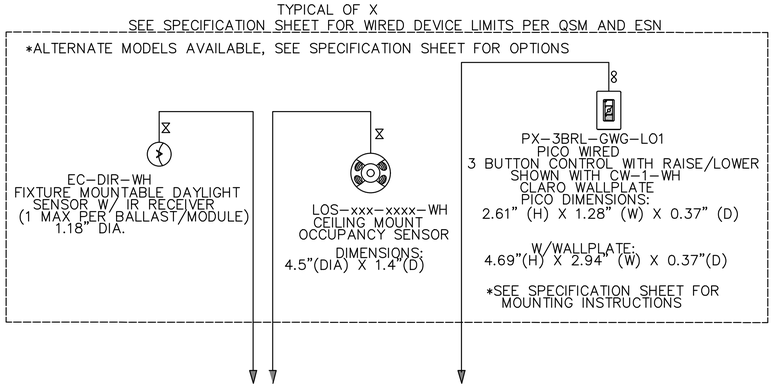
ZONE	CONTROL
EXTERIOR	EXTERIOR LIGHTING MANUALLY CONTROLLED TO TURN ON VIA DIMMER/ON/OFF SWITCH. PROVIDE ONE SWITCH PER BUILDING AND A MASTER ALL ON/OFF SWITCH(LOCATION TO BE PROVIDED BY CLIENT). PROVIDE TIMECLOCK FOR AUTOMATIC OFF AT A SET TIME AFTER BUSINESS HOURS. TYPE L FLOODLIGHTS ARE TO BE NORMALLY OFF, THEY ARE ONLY TO TURN ON DURING LOSS OF POWER FOR EGRESS PURPOSES AT NIGHT.
LARGE RESTROOMS	AUTOMATIC ON VIA WALL MOUNTED OCCUPANCY SENSORS WITH MANUAL ON/OFF SWITCH AT ENTRY. VACANCY SENSORS TO TURN OFF ALL LIGHTING AFTER 20 MINUTES.
SINGLE RESTROOMS	AUTOMATIC ON VIA SENSOR SWITCHES WITH ON/OFF FUNCTIONALITY. VACANCY SENSORS TO TURN OFF ALL LIGHTING AFTER 20 MINUTES.
STORAGE/CUSTODIAL	MOTION SENSOR INTEGRAL TO LIGHTING TO TURN LIGHTS ON AUTOMATICALLY AND OFF AFTER 20 MINUTES, MANUAL SWITCH AT DOOR,
ELECTRICAL/MECHANICAL ROOMS	LOCAL STANDARD ON/OFF SWITCH ONLY
VESTIBULE	AUTOMATIC ON VIA CEILING RECESSED OCCUPANCY SENSORS WITH MANUAL ON/OFF SWITCH AT ENTRY. VACANCY SENSORS TO TURN OFF ALL LIGHTING AFTER 20 MINUTES.
PAVILLION SEATING AREA	PROVIDE ENGARVED MULTISWITCH PANEL INSIDE CATERING KITCHEN PER DRAWINGS. SWITCHES SHALL BE DIMMABLE. PROVIDE TIMESWITCH CONTROL PER CODE TO TURN OFF LIGHTS AFTER HOURS AUTOMATICALLY.
BARN/SMALL EVENT	PROVIDE ENGARVED MULTISWITCH PANELS AS SHOWN ON DRAWINGS. SWITCHES SHALL BE DIMMABLE. PROVIDE TIMESWITCH CONTROL PER CODE TO TURN OFF LIGHTS AFTER HOURS AUTOMATICALLY, PROVIDE AN OVERRIDE SWITCH TO PERMIT THE LIGHTING TO REMAIN ON FOR 2 HOURS AFTER PRESSED FOR AFTER HOURS CLEANING/USE. PROVIDE EMERGENCY RELAYS FOR EGRESS LIGHTING SO THAT LIGHTS TURN ONTO 100% WHEN NORMAL POWER IS LOST. BASIS OD DESIGN LUTRON SEETOUCH
ALL	BASIS OF DESIGN: LUTRON. DEMAND RESPONSE NOT REQUIRED.

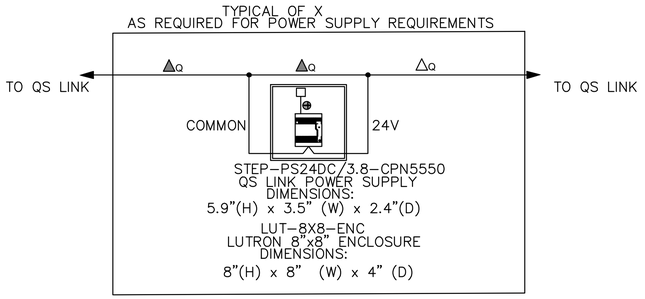
REGISTERED PROFESSIONAL ENGINEER
THOMAS B. JUN
No. E19320
Exp: 12/31/23
ELECTRICAL
STATE OF CALIFORNIA
Signed: 8/17/22

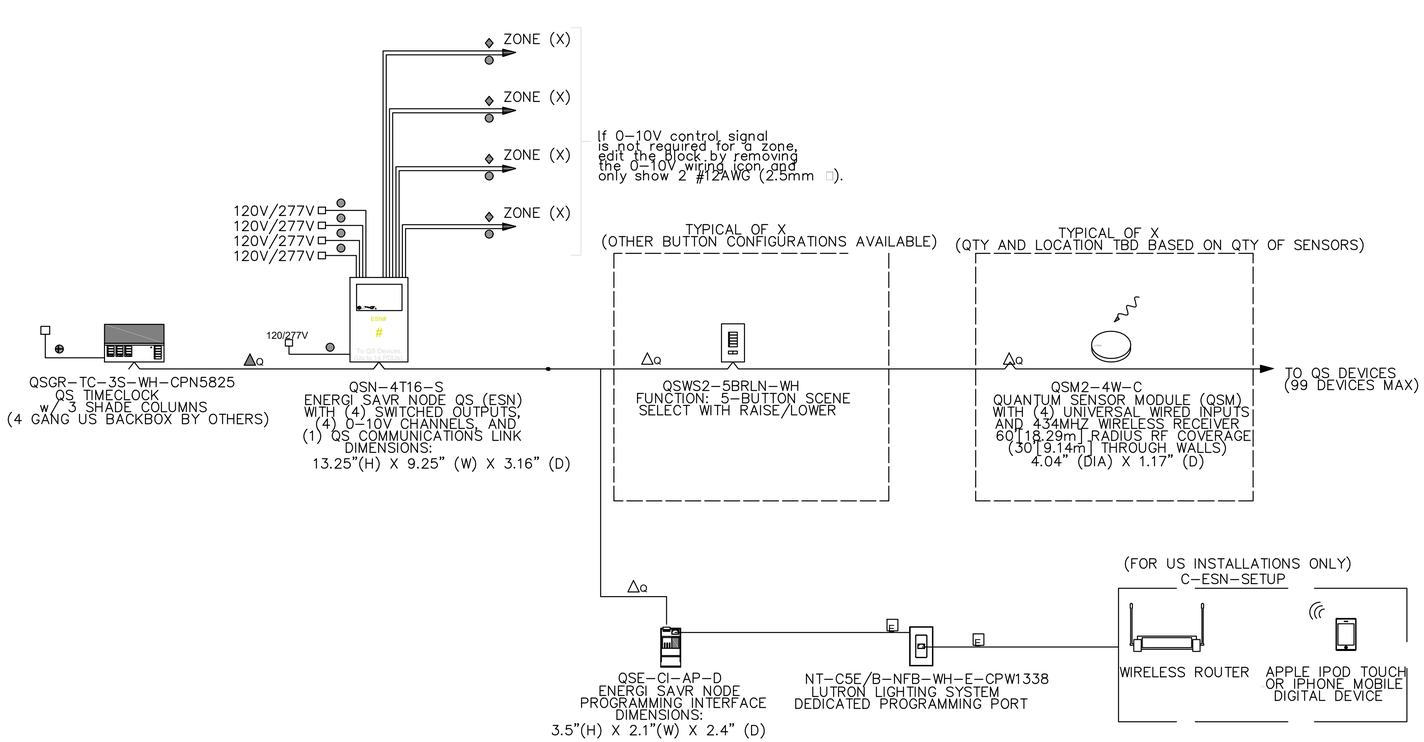
100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: IEI CADD: AC TECH. REVIEW: TJ DATE: 07-15-2022	SUB SHEET NO. E0.4	TITLE OF SHEET LIGHTING CONTROL SEQUENCE OF OPERATION SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 / 182819 PMIS/PKG NO. 303051 SHEET 158 OF 200









WIRING LEGEND:

△Q QS CONTROL LINK (SEE WIRE DESCRIPTION BELOW)
▲Q QS CONTROL LINK (SEE WIRE DESCRIPTION BELOW)
(CONNECT WIRES 1, 3 AND 4. DO NOT CONNECT WIRE # 2)

QS WIRING AS REQUIRED BY CONTROL LINK LENGTH
(REFER TO QS SMART PANEL POWER SUPPLY WIRING GUIDE FOR SHADE WIRING NOTES):

TOTAL CONTROL LINK LENGTH	Wire Gauge	AVAILABLE FROM LUTRON IN ONE CABLE
LESS THAN 500ft	POWER (TERMINALS 1&2): 1 PAIR 18 AWG (1.0 MM²)	GRX-CBL-346S OR GRX-PCBL-346S
	DATA (TERMINALS 3&4): 1 PAIR 22 AWG (0.5 MM²) TWISTED AND SHIELDED*	
500ft TO2,000ft **	1 PAIR 12 AWG (4 MM²) POWER (TERMINALS 1&2):	GRX-CBL-46L OR GRX-PCBL-46L
	1 PAIR 12 AWG (4 MM²) DATA (TERMINALS 3&4): TWISTED AND SHIELDED*	

*ALTERNATE DATA-ONLY CABLE: USE APPROVED DATA LINK CABLE (22 AWG [0.5 mm□] TWISTED/SHIELDED) FROM BELDEN (MODEL # 9461).

**TOTAL LENGTH OF THE QS LINK MUST NOT EXCEED 2,000 ft (600 m).

- □ INPUT POWER (NORMAL)
- ◉ 2 #12AWG (4 mm2)
- ○ 3 #12AWG (4 mm2)
- ◆ 0-10V SIGNAL: 2 #18AWG (1.0 mm2)
- [E] CAT5E OR BETTER CABLE FOR LUTRON NETWORK TERMINATED WITH RJ45 CONNECTORS (TO BE PROVIDED BY OTHERS). 328 ft (100 m) MAXIMUM RUN.
- 1-WAY RF COMMUNICATION
- 2-WAY RF COMMUNICATION
- ◉◉ 2 #18AWG (1.0 mm2)
- ∞ 3 #18AWG (1.0 mm2)
- ⧖ LUTRON SENSOR CABLE C-CBL-522S OTHERWISE USE 3 #22 AWG (1.0 mm2)

WIRING NOTES:

QS LINK RULES:
THE FOLLOWING LINK RULES MUST BE OBSERVED FOR PROPER OPERATION:

- THIS IS A TOPOLOGY-FREE LINK (T-TAP, HOME-RUN, ETC. IS OK); REFER TO TABLE BELOW FOR WIRE RUN LIMITS.
- IF WIRED DIFFERENTLY THAN WHAT IS SHOWN, POWER DRAW UNIT REQUIREMENTS NEED TO BE CONFIRMED; SEE POWER DRAW UNITS (PDUs) SPECIFICATION SHEET INCLUDED IN THIS SUBMITTAL.
- MAXIMUM OF 512 OUTPUTS (BALLASTS, SHADES, CONTACT CLOSURES, ETC).
- MAXIMUM OF 100 OCCUPANCY SENSORS, 100 DAYLIGHT SENSORS/RADIO SHADOW SENSORS AND 100 KEYPADS.
- MAXIMUM OF 100 QS DEVICES (SUCH AS A GRAFIK EYE® QS, SEETOUCH® QS KEYPAD, SMART PANEL POWER SUPPLY [QSPS PX 10 60] ESN, OR SIVOIA® QS SHADE / DRAPERY DRIVE UNIT). QUANTUM PROCESSOR COUNTS AS 1 DEVICE PER LINK.
- MAXIMUM OF 100 ZONES – SUCH AS A SIVOIA QS SHADE / DRAPERY DRIVE UNIT, OR A LIGHTING ZONE ON A GRAFIK EYE QS (DOES NOT APPLY TO QUANTUM SYSTEMS).
- THE 10 OUTPUTS ON A QSPS-Px-10-60 CANNOT EXCEED A COMBINED LENGTH OF 2,000 ft (600 m).

LED DIMMING REQUIRES AN EXACT MATCH BETWEEN THE LED ARRAY, DRIVER AND CONTROL. LUTRON CANNOT GUARANTEE COMPATIBILITY OR PERFORMANCE WITHOUT TESTING THIS COMBINATION.

TO CONFIRM WHAT PRODUCTS LUTRON HAS AVAILABLE OR WHAT INTERFACES MAY BE REQUIRED, CALL 1-877-DIM-LED8 OR CHECK LUTRON'S PRODUCT COMPATIBILITY MATRIX ON-LINE AT WWW.LUTRON.COM/LED.

TO REQUEST THE TESTING OF AN LED PRODUCT BY LUTRON MANUFACTURERS CAN FILL OUT AN LED EVALUATION REQUEST FORM ON LINE AT WWW.LUTRON.COM/LED OR CONTACT LEDS@LUTRON.COM.

LUTRON CAN GUARANTEE COMPATIBILITY AND PERFORMANCE OF LUTRON HI-LUME A-SERIES LED DRIVERS USED WITH APPROPRIATE LUTRON CONTROLS. THE HI LUME A SERIES LED DRIVER CAN BE USED ON PRODUCTS UNDER 40 WATTS WITH SUITABLE MOUNTING LOCATIONS. PLEASE REFER TO THE SPECIFICATION SUBMITTAL SHEET FOR FURTHER INFORMATION.

IF USING UNTESTED, NON-LUTRON LED DRIVERS REQUIRING 0-10V CONTROL, PERFORMANCE AND COMPATIBILITY CANNOT BE GUARANTEED BY LUTRON. PRODUCTS FOLLOWING THE IEC STANDARD 60929 ARE MORE LIKELY TO PROVIDE ACCEPTABLE PERFORMANCE RESULTS. DETERMINATION OF RESULT ACCEPTABILITY IS UP TO THE USER'S DISCRETION.

IF USING UNTESTED, NON-LUTRON LED DRIVERS REQUIRING PHASE CONTROL, PERFORMANCE AND COMPATIBILITY CANNOT BE GUARANTEED BY LUTRON. A SERIES OR ELV PRODUCTS PROVIDING HIGH END AND LOW END TRIM ADJUSTMENTS ARE MORE LIKELY TO PROVIDE ACCEPTABLE PERFORMANCE RESULTS. DETERMINATION OF RESULT ACCEPTABILITY IS UP TO THE USER'S DISCRETION.

CONCEPT DRAWING NOTES:
CONTROL SYSTEM DRAWING IS PROVIDED FOR CONCEPTUAL PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION. EXACT EQUIPMENT REQUIREMENTS, INCLUDING LOCATIONS AND QUANTITIES, SHOULD BE VERIFIED IN ACCORDANCE WITH THE MOST UP-TO-DATE LIGHTING/ELECTRICAL REFLECTED CEILING PLANS, LIGHTING FIXTURE SCHEDULES, PANEL SCHEDULES, CONTROL INTENT AND SPECIFICATIONS. SHADE EQUIPMENT SHOULD BE VERIFIED IN ACCORDANCE WITH ARCHITECTURAL PLANS, SPECIFICATIONS AND WINDOW SCHEDULES/DETAILS.

REGISTERED PROFESSIONAL ENGINEER THOMAS B. JUN No. E19320 Exp:12/31/22 ELECTRICAL STATE OF CALIFORNIA
Signed: 8/17/22

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
IEI	E0.5	LIGHTING CONTROL WIRING DIAGRAMS	638 182819
CADD: AC			PMIS/PKG NO. 303051
TECH. REVIEW: TJ		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 159 OF 200
DATE: 07-15-2022			

GENERAL SHEET NOTES

A. REFER TO ARCHITECTURAL PLAN A0.1 AND CIVIL PLAN C3.1 FOR ADDITIONAL INFORMATION AND THE COMPLETE UTILITY ROUTING.

B. SOUTHERN CALIFORNIA EDISON (SCE) APPLICATION HAS BEEN SUBMITTED. CONTRACTOR SHALL ASSUME RESPONSIBILITY OF APPLICATION AND COORDINATE DIRECTLY WITH SCE SERVICE PLANNER. CONTRACTOR SHALL INSTALL ALL EQUIPMENT TO COMPLY WITH SCE REQUIREMENTS, WHICH INCLUDES BUT NOT LIMITED TO, THE INSTALLATION OF CONDUITS FROM SCE TO MAIN SWITCHBOARD. IT IS CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL MEETINGS AND INSPECTIONS WITH SCE.

C. CONDUIT ROUTING IS DIAGRAMMATIC. CONDUIT SHALL MAINTAIN CLEARANCE AWAY FROM OTHER UTILITIES AND STRUCTURAL FOOTING. CONTRACTOR SHALL FIELD VERIFY.

1 E1.1 SECTION A

1 E1.2 SECTION B

1 E1.3 SECTION C

SCE UTILITY TRANSFORMER

PAVILION BUILDING

RESTROOM BUILDING

SAMLL EVENT BUILDING

1-STORY WOOD FRAME BUILDING

TECHNOLOGY CONDUIT BREAKING POINT

BARN BUILDING

DRY UTILITY JOINT TRENCH. PROVIDE (3) 3" ELECTRICAL CONDUIT, SCE TO PROVIDE CONDUCTORS, AND (2) 4" CONDUIT FOR TECHNOLOGY. REFER TO CIVIL DRAWINGS FOR EXACT ROUTING AND TRENCHING REQUIREMENTS.

1-STORY WOOD FRAME BUILDING

1-STORY WOOD FRAME BUILDING

1-STORY WOOD FRAME BUILDING

1-STORY WOOD FRAME BUILDING

REFER TO CIVIL DRAWINGS FOR TRENCHING CONTINUATION TO SCE SERVICE

CORNELL ROAD

20'

20'

BLDG.1 4°

SCALE K 40 0 40 80
SCALE OF FEET

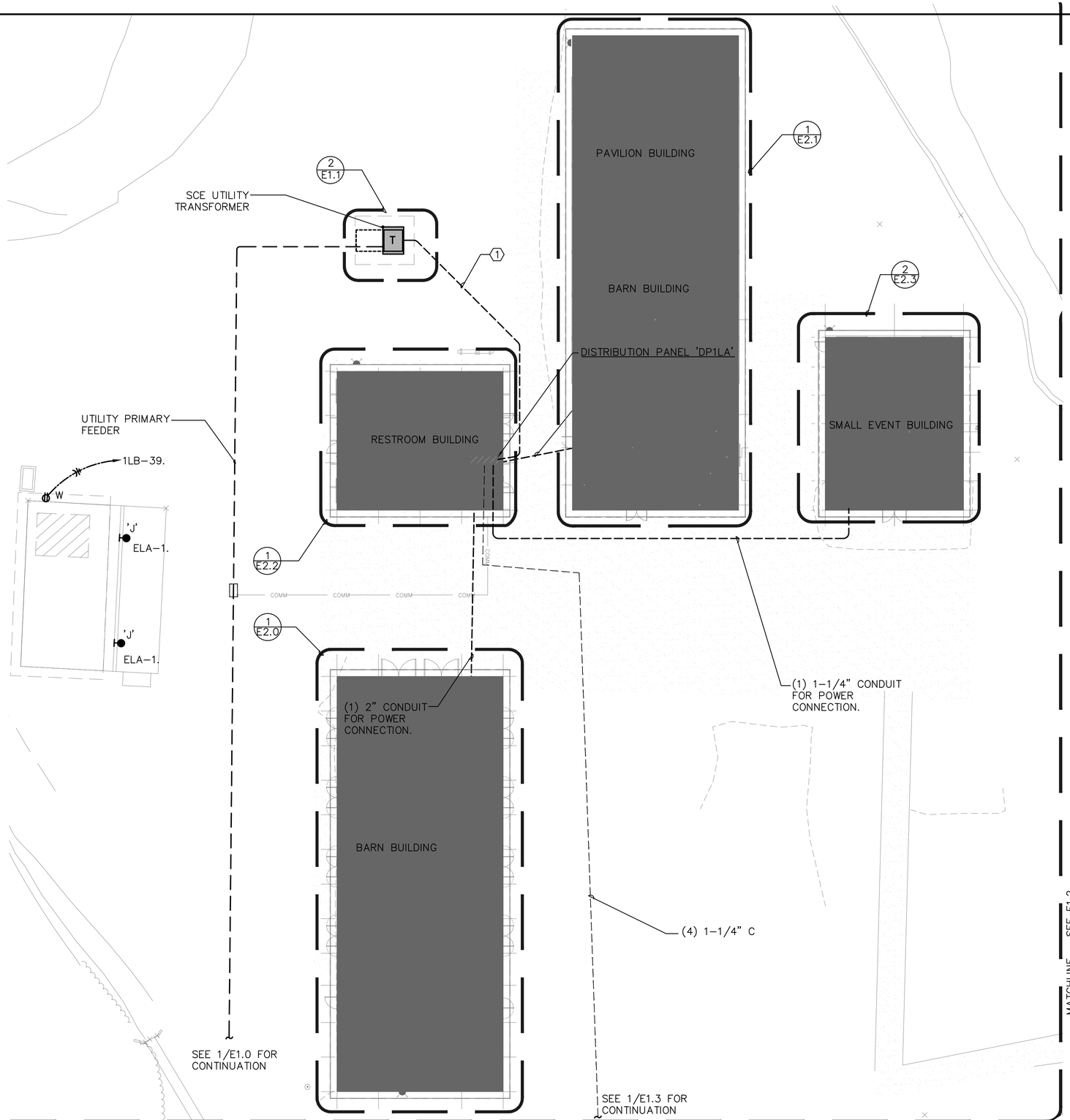
1 E1.0 SITE PLAN – ELECTRICAL
SCALE K

100% FINAL CONSTRUCTION DOCUMENTS

REGISTERED PROFESSIONAL ENGINEER THOMAS B. JUN No. E19320 Exp: 12/31/22 ELECTRICAL STATE OF CALIFORNIA

Signed: 8/22/22

DESIGNED: IEI CADD: BH TECH. REVIEW: TJ DATE: 07-15-2022	SUB SHEET NO. E1.0	TITLE OF SHEET: SITE PLAN – ELECTRICAL SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	DRAWING NO. 638 / 182819 PMIS/PKG NO. 303051 SHEET 160 OF 200



1 E1.0 SITE PLAN SECTION A – ELECTRICAL
SCALE (K)

GENERAL SHEET NOTES

A. REFER TO ARCHITECTURAL PLAN A0.1 AND CIVIL PLAN C3.1 FOR ADDITIONAL INFORMATION AND THE COMPLETE UTILITY ROUTING.

SHEET KEYNOTES:

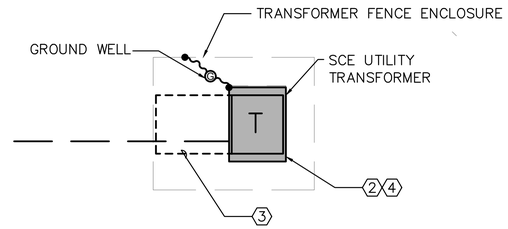
1 SCE TO PROVIDE CONDUCTORS TO CONNECT BUILDING'S MAIN DISTRIBUTION BOARD (600A AT 120/208V, 3PH, 4W) FROM THE NEW PAD MOUNTED TRANSFORMER. FOR THE NEW WESTERN SITE, A NEW PAD MOUNTED UTILITY TRANSFORMER WILL BE PROVIDED TO SERVE THE PROPOSED BUILDINGS, PROVIDED BY SOUTHERN CALIFORNIA EDISON, WILL BE LOCATED BEHIND THE BATHROOM BUILDING AND PROVIDE POWER TO THE MAIN DISTRIBUTION BOARD. COORDINATE EXACT LOCATION WITH CIVIL ENGINEER AND SCE. REFER TO SINGLE LINE FOR MORE INFORMATION.

2 PROVIDE A MINIMUM SIZE TRANSFORMER PAD OF 94" X 72" FOR UTILITY TRANSFORMER PER SCE TRANSFORMER PAD SIZING.

3 PROVIDE AN 96" CLEARANCE IN FRONT OF THE TRANSFORMER FOR WORKING CLEARANCE PER SCE REQUIREMENTS.

4 REFER TO DETAIL 3/E6.2 FOR ADDITIONAL SCE CLEARANCE REQUIREMENTS.

5 PROVIDE WEATHER PROOF RECEPTACLE. REFER TO DETAIL 1/E6.2 FOR INSTALLATION METHOD.



2 E1.1 ENLARGED PLAN TRANSFORMER – POWER
SCALE (J)

BLDG. 4°

SCALE (J) 8 0 8 16 SCALE OF FEET

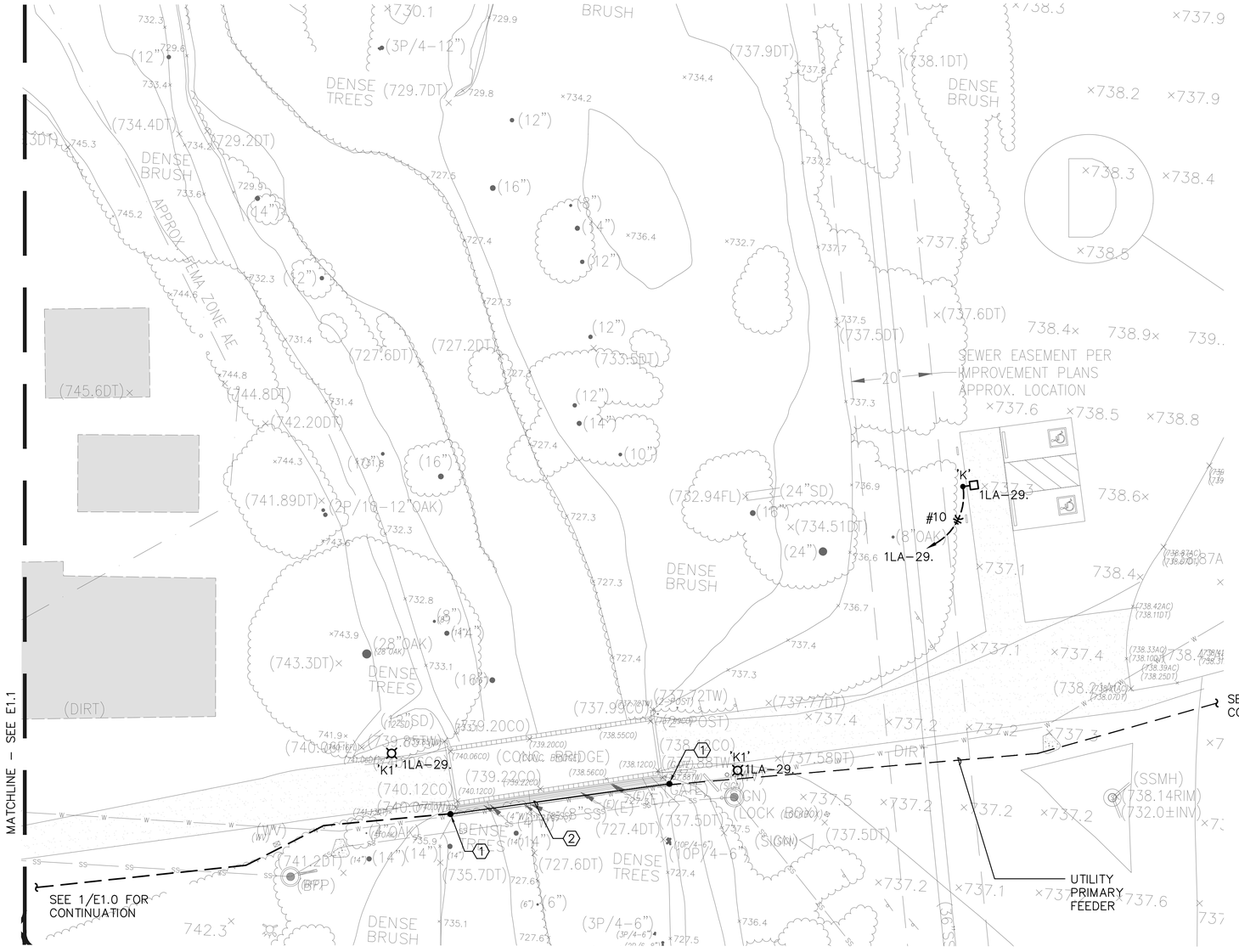
SCALE (K) 16 0 16 32 SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

REGISTERED PROFESSIONAL ENGINEER THOMAS B. JUN No. E19320 Exp. 12/31/23 ELECTRICAL STATE OF CALIFORNIA
Signed: 8/17/22

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
IEI		SITE PLAN SECTION A – ELECTRICAL	638 / 182819
CADD: BH	E1.1		PMIS/PKG NO. 303051
TECH. REVIEW: TJ		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET 161 OF 200
DATE: 07–15–2022			

FILE: E1.0.DWG – E1.1 | EDIT: 8/17/2022 2:44 PM BY ADRIANEC | PLOT: 8/17/2022 2:45 PM BY ADRIANE CABLING



GENERAL SHEET NOTES

A. PROVIDE FLEXIBLE CONDUIT WHEN TRANSITIONING TO AND FROM BRIDGE STRUCTURE. REFER TO SPECIFICATION FOR ADDITIONAL REQUIREMENTS.

⬡ SHEET KEYNOTES:

1 LOCATE TRANSITION POINT FROM UNDERGROUND TO MOUNTING TO THE SIDE OF MEDEA BRIDGE. COORDINATE WITH CIVIL DRAWING FOR EXACT ROUTING AND SCE FOR CONDUIT SIZE.

2 UTILITIES TO BE MOUNTED OFF DOWNSTREAM SIDE WHEN PASSING THOUGH THE MEDEA BRIDGE. REFER TO CIVIL DRAWING FOR EXACT ROUTING AND SCE FOR CONDUIT SIZE.

SCALE Ⓚ 16 0 16 32
SCALE OF FEET

100% FINAL CONSTRUCTION DOCUMENTS

DESIGNED: IEI	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 638 182819
CADD BH	E1.2	SITE PLAN SECTION B – ELECTRICAL	PMIS/PKG NO. 303051
TECH. REVIEW: TJ		SAMO REBUILD PARAMOUNT RANCH AGOURA HILLS, CALIFORNIA	SHEET
DATE: 07-15-2022			162 of 200

THOMAS B. JUN
No. E19320
Exp. 12/31/2?
Signed: 8/17/22

① E1.0 SITE PLAN SECTION B – ELECTRICAL
SCALE Ⓚ

FILE: E1.0.DWG – E1.2 | EDIT: 8/17/2022 2:44 PM BY ADRIANEC | PLOT: 8/17/2022 2:45 PM BY ADRIANE CABLING