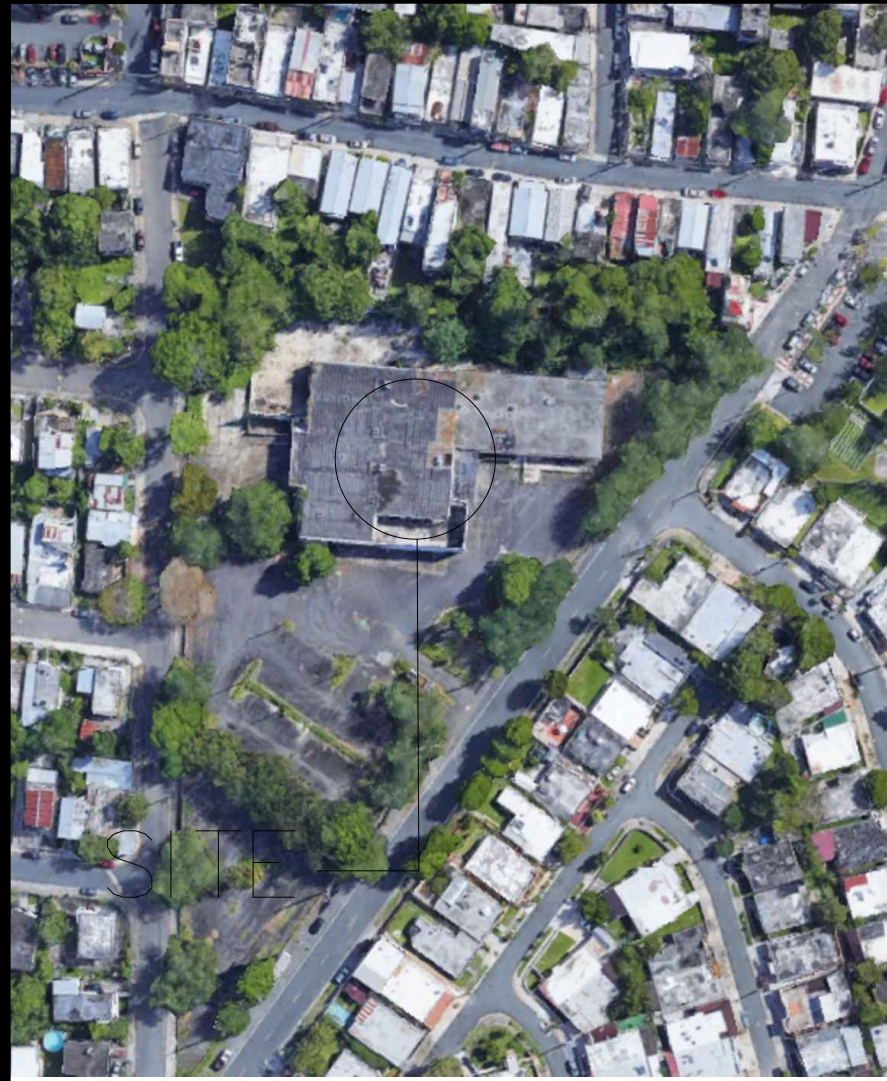
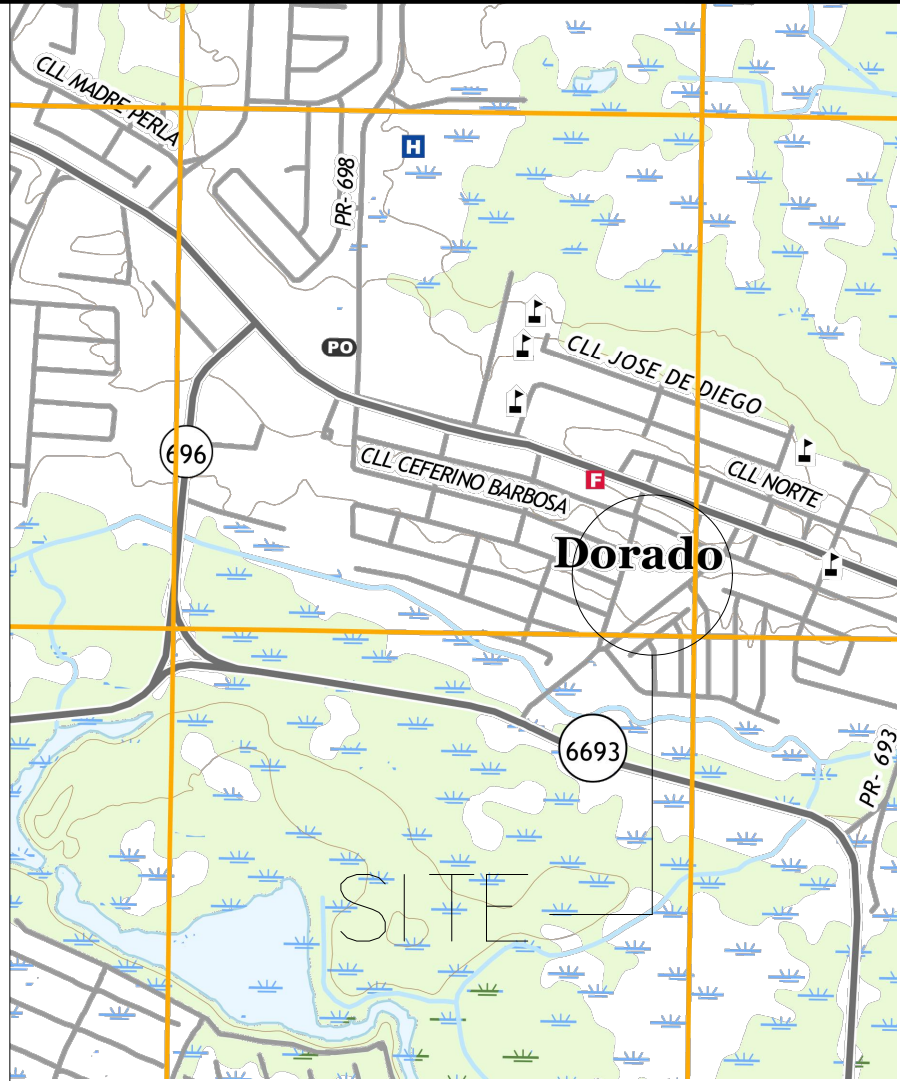
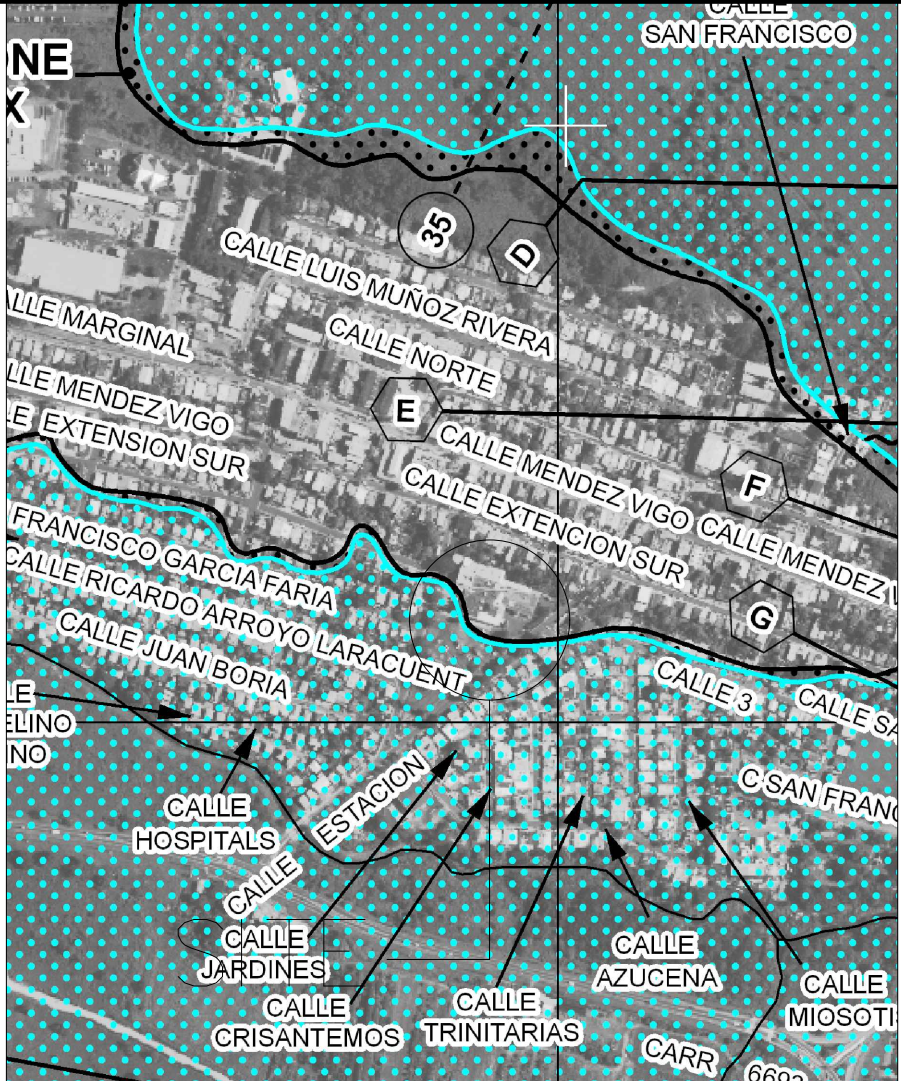




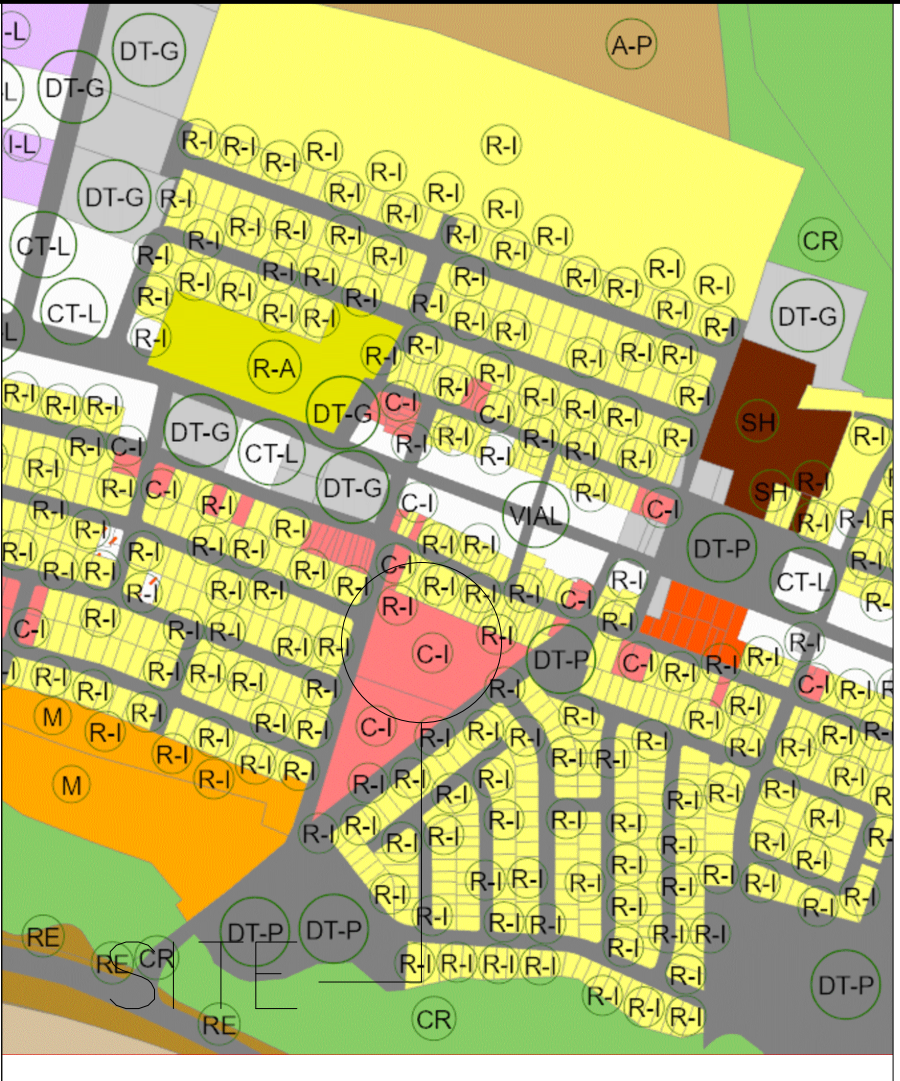
AERIAL PHOTO
NOT TO SCALE



ZONING MAP
NOT TO SCALE



FLOODING MAP
NOT TO SCALE



CALIFICATION MAP
NOT TO SCALE

A-0.0

INTERIOR ELEVATIONS

0
A,0,0

EXTERIOR ELEVATION

A
A,0,0

SECTION

1
A,0,0

WALL SECTION

1
A,0,0

DETAIL

HANDICAP INDICATOR

CONTROL ELEVATION INDICATOR

MATCH LINE INDICATOR

+ 0.00

NEW ELEVATION

EL.

EXISTING ELEVATION

C.L.

CONTRACT LIMIT

CENTER LINE

ROOM
000

ROOM IDENTIFIER

A

WINDOW IDENTIFIER

100

DOOR IDENTIFIER

A

GRID LINE INDICATOR

N

NORTH INDICATOR

NEW EARTH FILL

EXISTING EARTH PROFILE

EXISTING PROPERTY CORNER INDICATOR

NEW PROPERTY CORNER INDICATOR

P-0

PLUMBING AND ACCESSORIES EQUIPMENT INDICATOR

0

EQUIPMENT IDENTIFIER

0

WALL TYPE IDENTIFIER

0

REVISION INDICATOR

GYPSUM BOARD WALL

BLOCK WALL

CONCRETE WALL

LOW WALL

LEVEL CHANGE

INDICATE CHANGE IN FLOOR FINISHES

- GENERAL NOTES
1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING FIELD CONDITIONS PRIOR TO ACTUAL CONSTRUCTION OR INSTALLATION. IN CASE OF ANY DISCREPANCY WITH THE CONSTRUCTION DOCUMENTS, OR DOUBTS AS TO THE INTERPRETATION OF SAID DOCUMENTS, THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED AND CONSULTED FOR CLARIFICATION PRIOR TO CONSTRUCTION OR INSTALLATION.

2. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGES INFLECTED TO THE OWNER'S PROPERTY OR OTHER AREAS DURING THE EXECUTION OF THE WORK.

3. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT ALL SHOP DRAWINGS FOR APPROVAL PRIOR TO COMMENCEMENT OF THE WORK.

4. DRAWINGS ARE NOT TO BE SCALED, SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.

5. ALL MATERIALS AND CONSTRUCTION METHODS USED MUST COMPLY WITH ALL GOVERNING REGULATIONS AS SET FORTH BY THE PUERTO RICO PLANNING BOARD, AND ALL OTHER CONCERNED REGULATORY AGENCIES.

6. NEW CONSTRUCTION INCLUDING CONCRETE, MASONRY, PLASTER, DOORS, FRAMES AND MISCELLANEOUS UNFINISHED METALS (OTHER THAN STAINLESS STEEL) SHALL BE PAINTED UNLESS OTHERWISE INDICATED.

7. ALL WOOD MATERIALS, WHETHER SOLID OR PLYWOOD, SHALL BE PREASURE TREATED AND KILN DRIED IN ACCORDANCE WITH SPECIFICATIONS.

8. THE CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR DAMAGE CAUSED BY HIS OPERATIONS TO EXISTING ADJACENT FACILITIES REGARDLESS OF WHETHER SUCH FACILITIES ARE PROPERTY OF THE OWNER OR OTHER OWNER.

9. SHOULD THE CONTRACTOR CAUSE SUCH DAMAGE THEN HE SHALL BE RESPONSIBLE FOR REPAIRING AND REFINISHING, OR REPLACING IF REQUIRED, ALL DAMAGED WORK OR EQUIPMENT AT NO EXPENSE TO THE CORRESPONDING OWNER.

10. THE CONSTRUCTION SITE SHALL BE MAINTAINED REASONABLY NEAT AND FREE FROM EXCESSIVE ACCUMULATION OF TRASH AND DEBRIS. ALL TRASH, DEBRIS, RUBBISH, ETC SHALL BE PROMPTLY REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER.

11. ALL STEEL CONSTRUCTION ELEMENTS ARE TO BE PRIMED WITH GALVANIZED METAL PRIMER AND PAINTED WITH RUST CHEMICAL. ACRYLIC URETHANE ENAMEL COLORS WILL BE DETERMINED BY THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.

12. ALL INTERIOR WALLS TO RECIEVE VYNIL ACRYLIC LATEX WILL BE DETERMINED BY ARCHITECT PRIOR TO COMMENCEMENT OF WORK.

13. ALL EXTERIOR CONCRETE AND MASONRY TO RECEIVE ACRYLIC LATEX PAINT. COLORS WILL BE DETERMINED BY ARCHITECT PRIOR TO COMMENCEMENT OF WORK. THE TOTAL PERIMETER OF THE PROPERTY IS TO BE ENCLOSED BY TYPICAL 6' CYCLONE FENCE W/3.

ABC	ABOVE COUNTER	DET.	DETAIL	GRD.	GROUND	M.O.	MASONRY OPENING	S.S.	STAINLESS STEEL
ABV	ABOVE	D.F.	DRINKING FOUNTAIN	GYP.	GYPSUM	MTD.	MOUNTED	STA.	STATION
A/C	AIR CONDITIONING	D.I.A.M.	DIAMETER	H.B.	HOSE BIBB	MTL.	MATERIAL	STD.	STANDARD
ACT	ACOUSTICAL TILE	DIM.	DIMENSIONS	H.C.	HOLLOW CORE	N.	NORTH	STL.	STEEL
ACV	AIR CONDITIONING AND VENTILATION	DN.	DOWN	HDC.	HANDICAPPED	NO.	NOMINAL	STOR.	STORAGE
ADJ	ADJACENT	DR.	DOOR	HDW.	HARDWARE	N.T.S.	NOT TO SCALE	SYM.	SYMMETRY
AFF	ABOVE FINISHED FLOOR	DWG.	DRAWING	H.M.	HOLLOW METAL	N.I.C.	NOT INCLUDED IN CONTRACT	T.	TREADS
AGG	AGGREGATE	E.C.	ELECTRICAL CLOSET	HOR.	HORIZONTAL	OA.	OVERALL	TEL.	TELEPHONE
ALUM	ALUMINUM	E.J.	EXPANSION JOINT	HT.	HEIGHT	O.C.	ON CENTER	THK.	THICK/THICKNESS
BD	BOARD	ELEC.	ELECTRIC(AL)	H.W.	HOT WATER	O.D.	OUTSIDE DIAMETER	T.O.	TRIMMED OPENNING
BLDG	BUILDING	EMER.	EMERGENCY	ID.	INSIDE	OH.	OVERHEAD	T.O.W.	TOP OF WALL
BLK	BLOCK	ENC.	ENCLOSURE	INT.	INTERIOR	OPP.	OPPOSITE	TYP.	TYPICAL
BM	BENCH MARK	EQ.	EQUAL	INV.	INVERT	P.L.	PLATE	UNF.	UNFINISHED
BO	BY OTHERS	EST.	ESTIMATE	JAN.	JANITOR	P.L.	PROPERTY LINE	UR.	URINAL
BOB	BOTTOM OF BEAM	ETC.	ETCETERAS	J.C.	JANITOR'S CLOSET	PLAS.	PLASTER	U.O.L.	UNLESS OTHERWISE NOTED
CB.	CABINET	EXP.	EXPOSED	KIT.	KITCHEN	PLC.	PLYCEM	VERT.	VERTICAL
CAB	CATH BASIN	EXT.	EXTERIOR	K.O.	KNOCK OUT	P.T.	PRESSURE TREATED	V.J.	V-JOINT(ED)
C.B.	CONCRETE BLOCK	F.A.I.	FRESH AIR INTAKE	L.	LENGHT	Q.T.	QUARRY TILE	V.I.F.	VERIFY IN FIELD
CEM	CEMENT	FURNISHED BY OTHER		LAM.	LAMINATE	QTY.	QUANTITY	W.	WIDTH
CER	CERAMIC	F.D.	FLOOR DRAIN	LAV.	LAVATORY	R.	RISER	W/	WITH
CHT	CEILING HEIGHT	F.E.	FIRE EXTINGUISHER	L.H.	LEFT HAND	RAD.	RADIUS	W.C.	WATER CLOSET
CIR	CIRCLE	F.F.E.	FINISHED FLOOR ELEVATION	LVR.	LOUVER	REF.	REFERENCE	WD.	WOOD
CL	CENTER LINE	F.F.L.	FINISHED FLOOE LINE	M.	METER(S)	REL.	RELOCATED	W.H.	WALL HUNG
CLG	CEILING	F.H.	FULL HEIGHT	MAINT.	MAINTENANCE	REV.	REVISION(S)	WIN.	WINDOW
CO	CLEAN OUT	F.H.C.	FIRE HOSE CABINET	MAS.	MASONRY	RM.	ROOM	WO.	WITHOUT
COL	COLUMN	FIN.	FINISH/FINISHED	MAX.	MAXIMUM	R.O.W.	RIGHT OF WAY		
CONC	CONCRETE	FL.	FLOOR	MECH.	MECHANICAL	R.L.	RAIN LEADER		
CONT	CONTINUOUS	FLG.	FLASHING	MFG.	MANUFACTURER	S.	SOUTH		
CP	CEMENT PLASTER	GA.	GAUGE	M.H.	MANHOLE	SHT.	SHEET		
CT	CERAMIC TILE	GALV.	GALVANIZED	MIL.	MILLIMETER	SIM.	SIMILAR		
CW	COLD WATER	G.B.	GYPSUM BOARD	MIN.	MINIMUM	S.O.F.C.	SPRAY-ON FINISHED CEMENT		
DBL.	DOUBLE	G.C.	GENERAL CONTRACTOR	MISC.	MISCELLANEOUS	S.P.C.P.	SMOOTH PORTLAND CEMENT PLASTER		
DEM.	DEMOLISH/DEMOLOTION	GL.	GLASS	M.L.C.P.	METAL LATH & CEMENT PLASTER	SPECS.	SPECIFICATIONS		

CONSTRUCTION DRAWINGS

CENTRO CRISTIANO BETHEL DORADO

NEW FACILITIES

DORADO, PUERTO RICO

PROJECT NAME

For Review

05/11/2023 12:38:49 AM

ARCHITECTURAL DRAWINGS

1

T.1

TITLE SHEET

2

AS-1

SITE PLAN

3

A-1

EXISTING FLOOR PLAN

4

A-2

PROPOSED FLOOR PLAN

5

A-3

ELEVATIONS

6

A-4

GENERAL DETAILS

7

A-5

BATHROOM DETAILS

8

A-5B

BATHROOM DETAILS

9

A-6

DOORS, WINDOWS AND SCHEDULES

10

A-7

ADA GENERAL DETAILS

STRUCTURAL DRAWINGS

11

S-0

GENERAL DETAILS & NOTES

12

S-1

NEW SHEPERD STRUCTURAL PLANS

11

S-2

SECOND STRUCTURAL PLAN,

12

S-3

STRUCTURAL ROOF PLAN,SECTIONS

13

S-4

STRUCTURAL DETAILS

MECHANICAL DRAWINGS

14

P-1

SANITARY & WATER DISTRIBUTION

15

P-2

ISOMETRIC, NOTES

16

P-3

SANITARY GENERAL DETAILS & NOTES

17

P-4

SEPTIC TANK GENERAL DETAILS

18

P-5

ROOF DRAINAGE LOAD PLAN

ELECTRICAL DRAWINGS

19

E-1

ELECTRICAL DISTRIBUTION PLAN

20

E-2

PANELBOARD SCHEDULES GENERAL

REVISIONS

REV.

DATE

DESCRIPTION

1

*

2

*

3

*

4

*

DATE OF EMISSION: 27-JUL-2022

PROJECT NUMBER: 01

CADD DIRECTORY

PLOT SCALE: 3/8=1'-0"

CENTRO CRISTIANO BETHEL

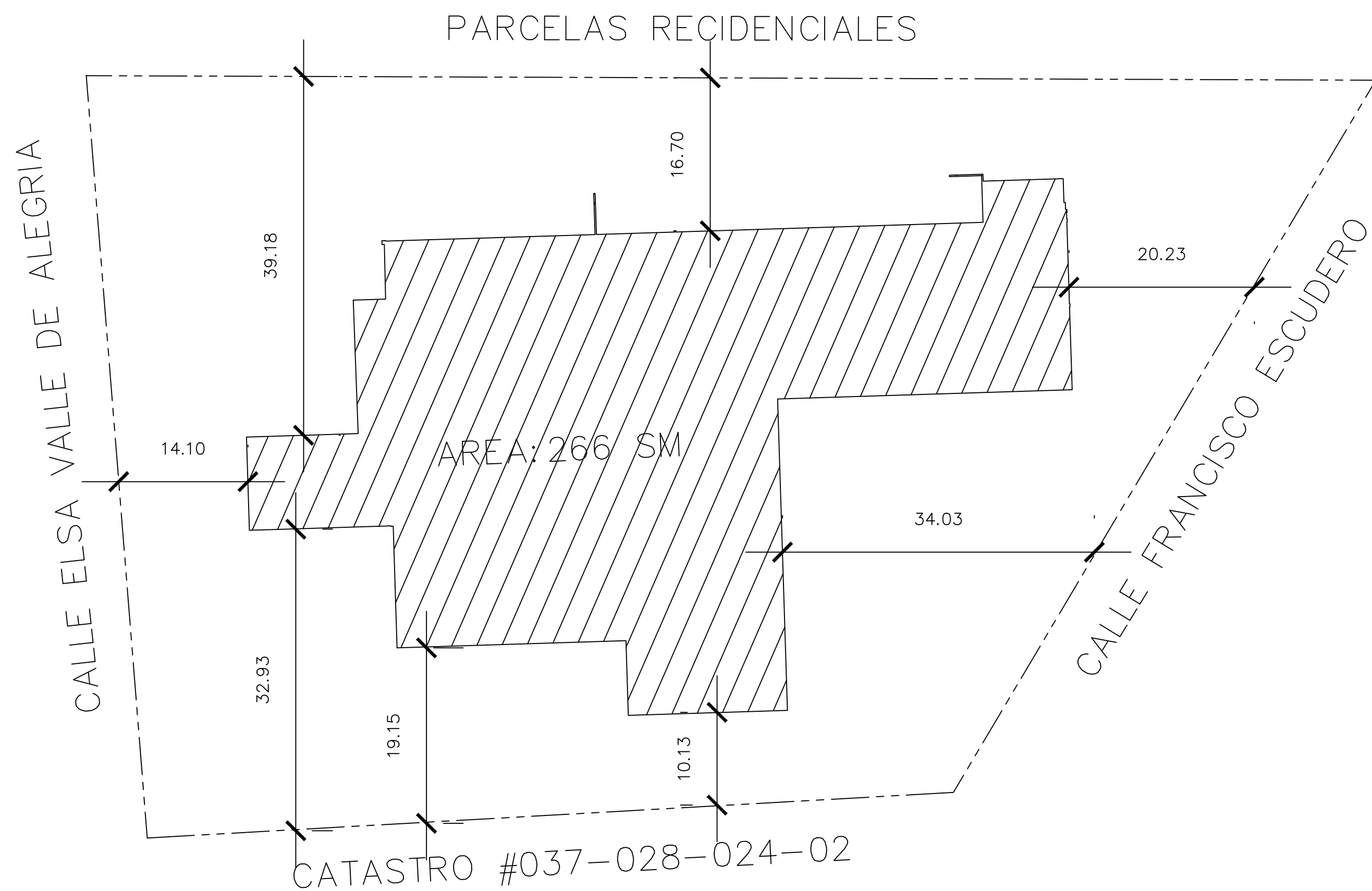
JIREH BUILD & DESING

TITLE SHEET

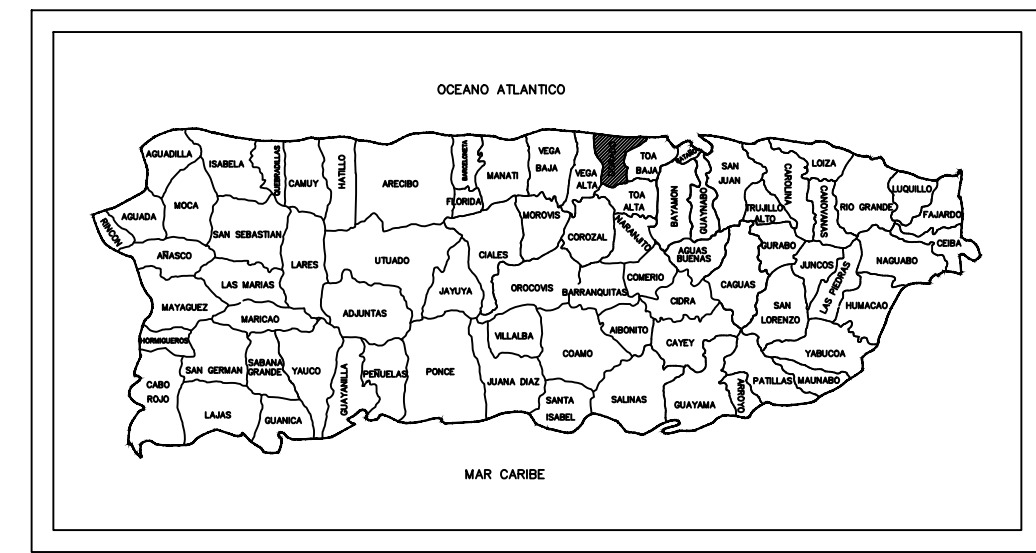
PROJECT NAME :

DRAWING NO.

T-1



SITE AREA=8,636 SM
OCUPATIONAL AREA=2,872 SM
OCUPATIONAL PERCENTAGE=33%



CATASTRO NUM: 037-028-024-01
NAD 83 COORDINATES: 217843.6257,269234.6534
CLASIFICACION-C-I (COMERCIAL INTERMEDIO)

LEYEND	
	- PROPERTY LINE
	- STREET BORDER LINE
	- EXISTING STRUCTURE

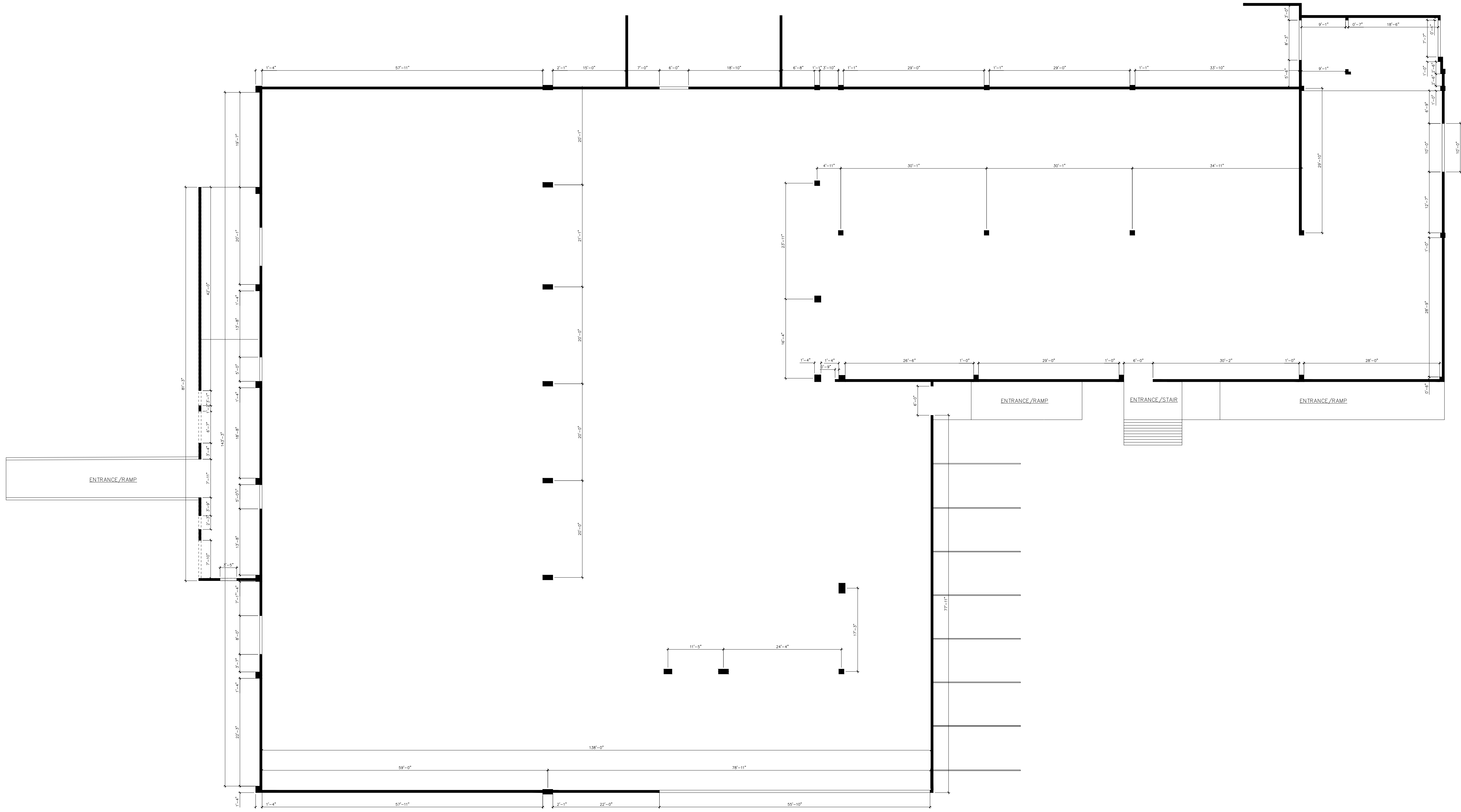
For Review
05/11/2023 12:39:04 AM

CONSTRUCTION PLANS FOR RELIGIOUS-CENTER,PROPERTY
OF CENTRO CRISTIANO BETHEL,LOCATED IN BARRIO
JARDINES DORADO,PR

PROJECT NAME : CENTRO CRISTIANO BETHEL DORADO FACILITIES	R E V I S I O N S			
	REV	DATE	DESCRIPTION	
	1	*		
	2	*		
	3	*		
DRAWING TITLE : SITE PLAN	DATE OF EMISSION: 27-JUL-2022			
	PROJECT NUMBER: 01			
DRAWING NO. AS-1	CADD DIRECTORY			
	PLOT SCALE 3/8"=1'-0"			
CLIENT CCB DORADO				
JIREH BUILD & DESING				

EXISTING FLOOR PLAN

ESC. 3/32"=1'-0"



For Review
05/11/2023 12:39:04 AM

PROJECT NAME :
CENTRO CRISTIANO BETHEL DORADO FACILITIES

DRAWING TITLE :
EXISTING FLOOR PLANS

CLIENT

CCB DORADO

DATE OF EMISSION: 6-MAY-2023

PROJECT NUMBER: 01

CADD DIRECTORY

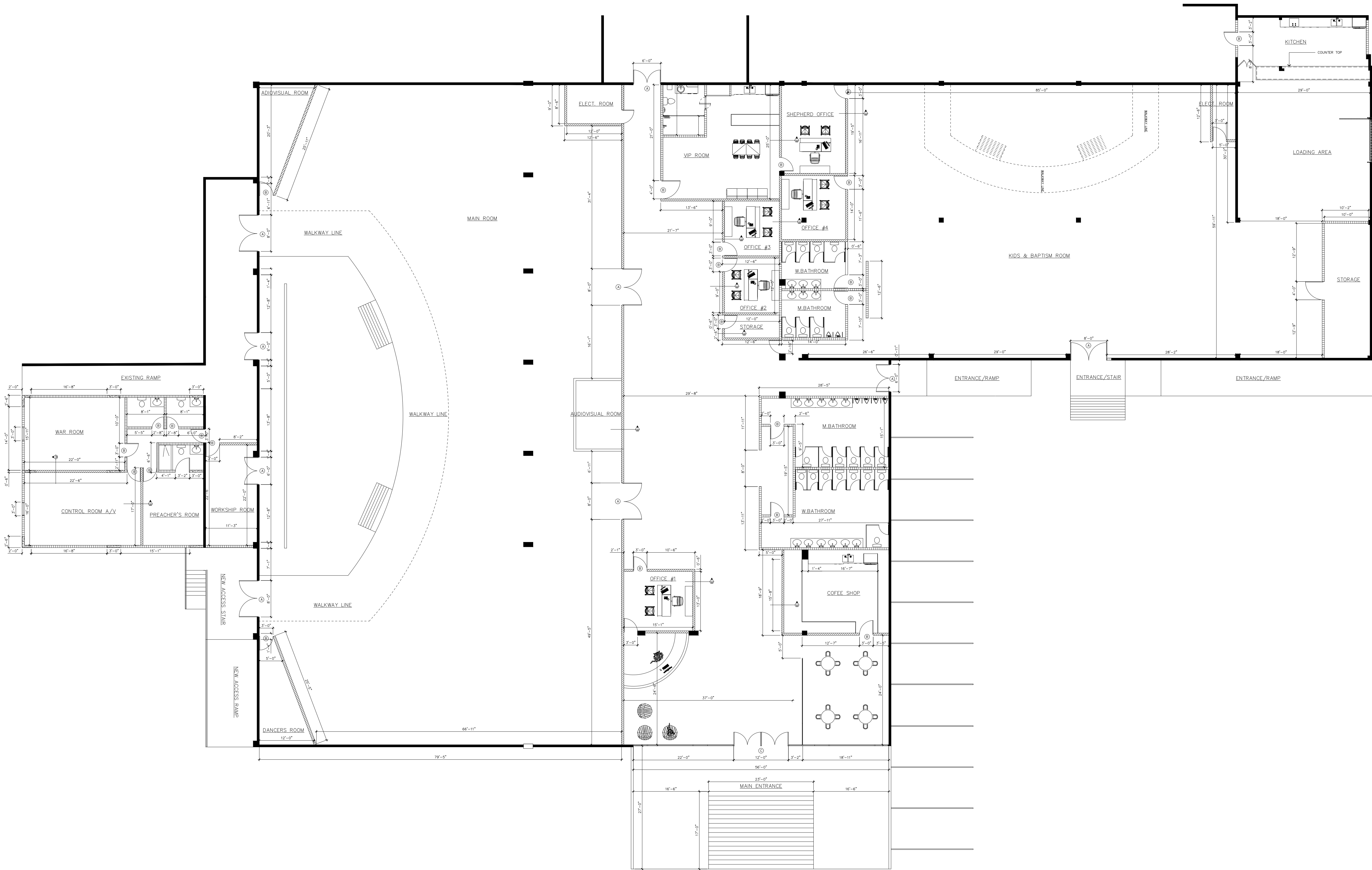
PLOT SCALE 3/32=1'-0"

REVISIONS

REV.	DATE	DESCRIPTION
1	*	
2	*	
3	*	
4	*	

DRAWING NO.

A-1



PROPOSED FLOOR PLAN
ESC. 3/32"=1'-0"

For Review
05/11/2023 12:39:04 AM

PROJECT NAME :
CENTRO CRISTIANO BETHEL DORADO FACILITIES

DRAWING NO.
A-1

PROJECT NUMBER: 01
CADD DIRECTORY
PLOT SCALE 3/8"=1'-0"

DATE OF EMISSION: 27-JUL-2022

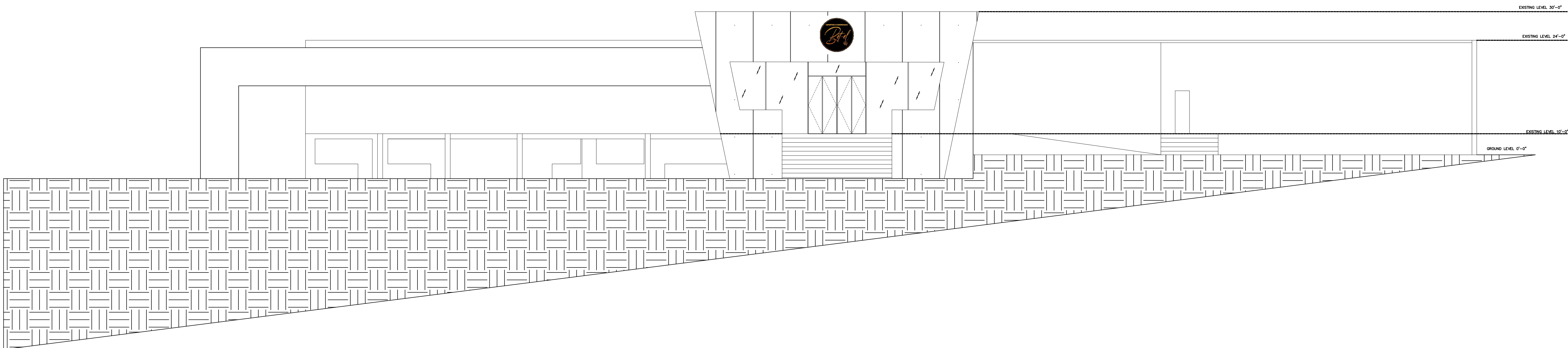
CLIENT
CCB DORADO

REVISIONS

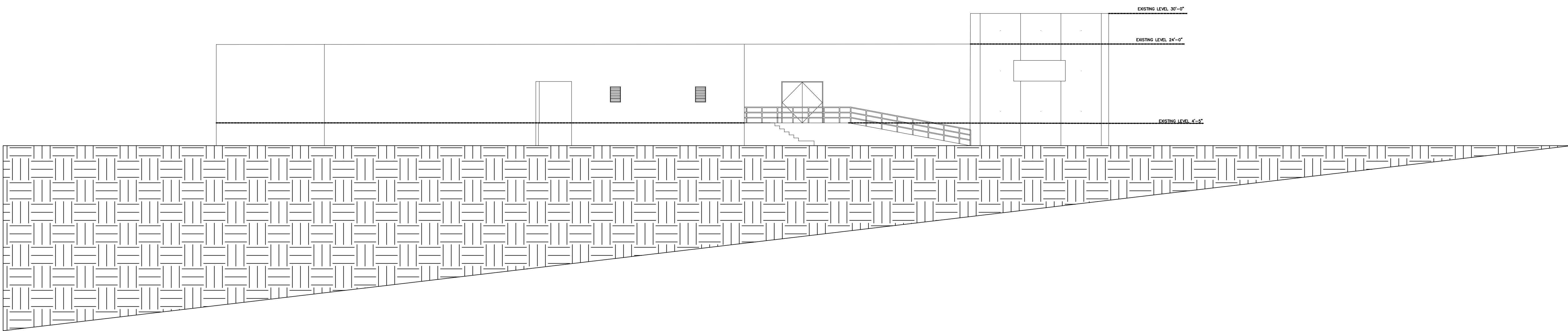
REV.	DATE	DESCRIPTION
1	*	*
2	*	*
3	*	*
4	*	*

JIREH BUILD & DESING
JIREH BUILD & DESING

FLOOR PLANS



PROPOSED FRONT ELEVATION
ESC. 3/32"=1'-0"



PROPOSED REAR ELEVATION
ESC. 3/32"=1'-0"

For Review
05/11/2023 12:39:05 AM

REVISIONS

REV.	DATE	DESCRIPTION
1	*	
2	*	
3	*	
4	*	

DATE OF EMISSION: 27-JUL-2022

PROJECT NUMBER: 01

CADD DIRECTORY

PLOT SCALE: 3/8"=1'-0"

CLIENT

COB DORADO

PROJECT NAME :

CENTRO CRISTIANO BETHEL DORADO FACILITIES

DRAWING TITLE :

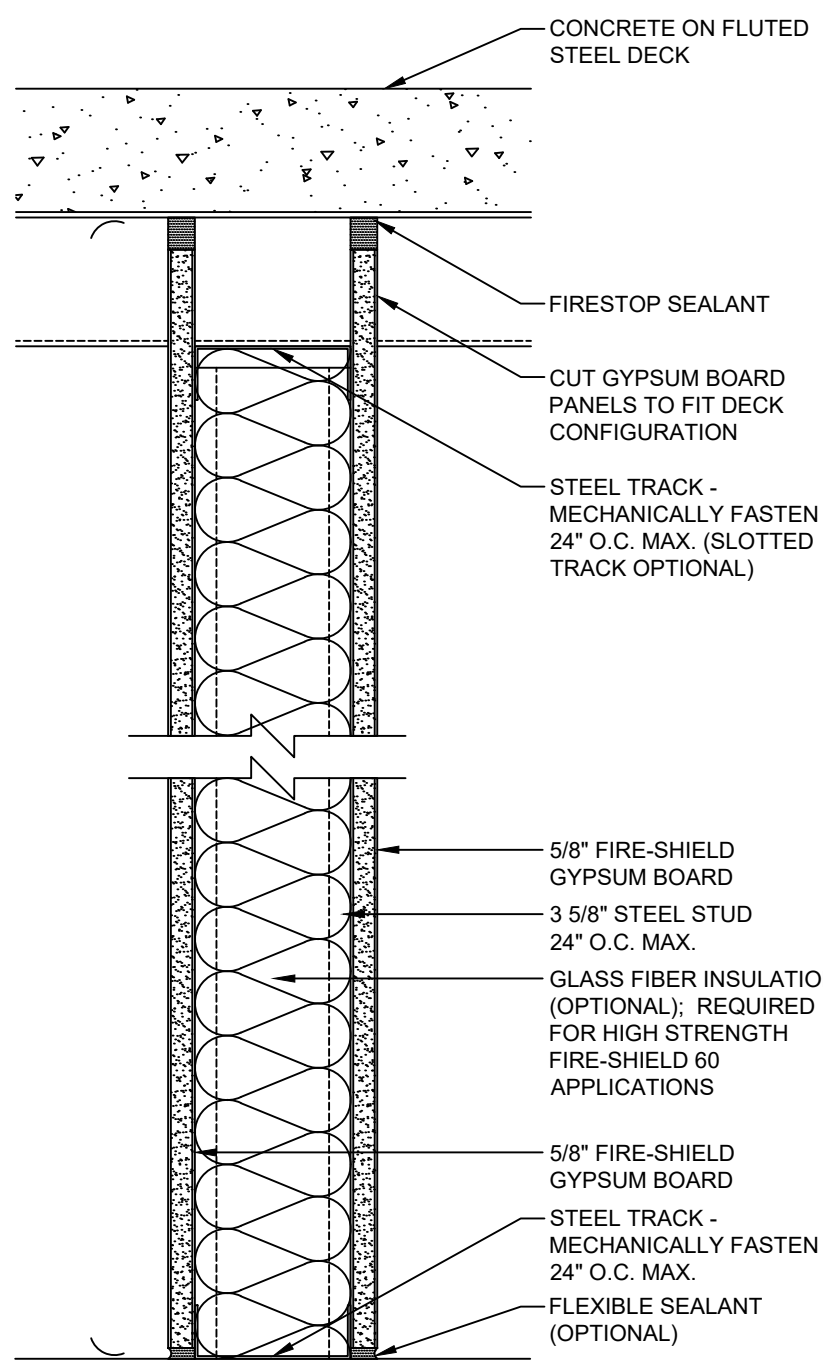
ELEVATIONS

DRAWING NO.

A-3

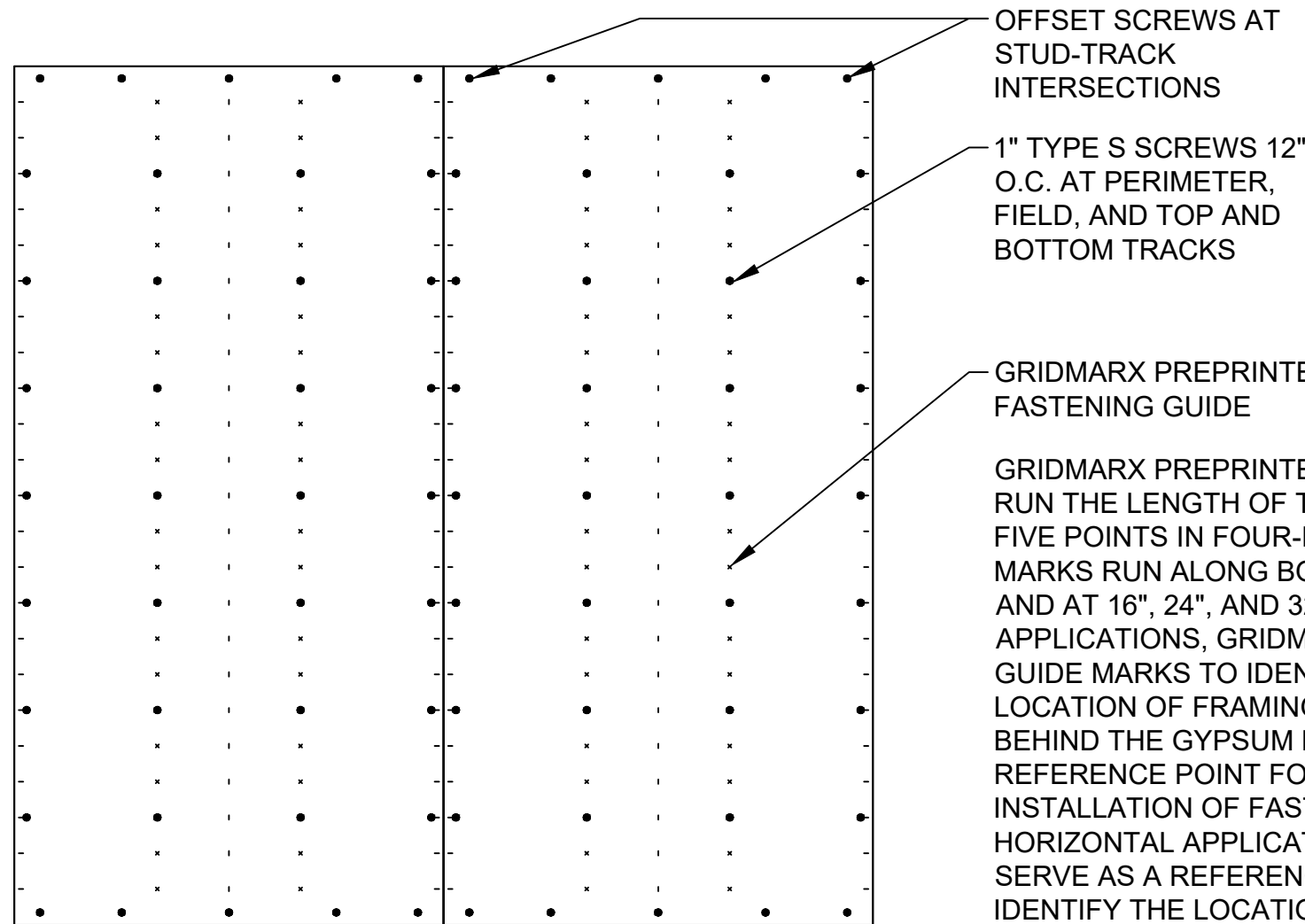
HEAD OF WALL - 1 HR
UL DESIGN: HW-D-0103
UL DESIGN: HW-D-0076

PARTITION - 1 HR
UL DESIGN: U465
UL DESIGN: V438

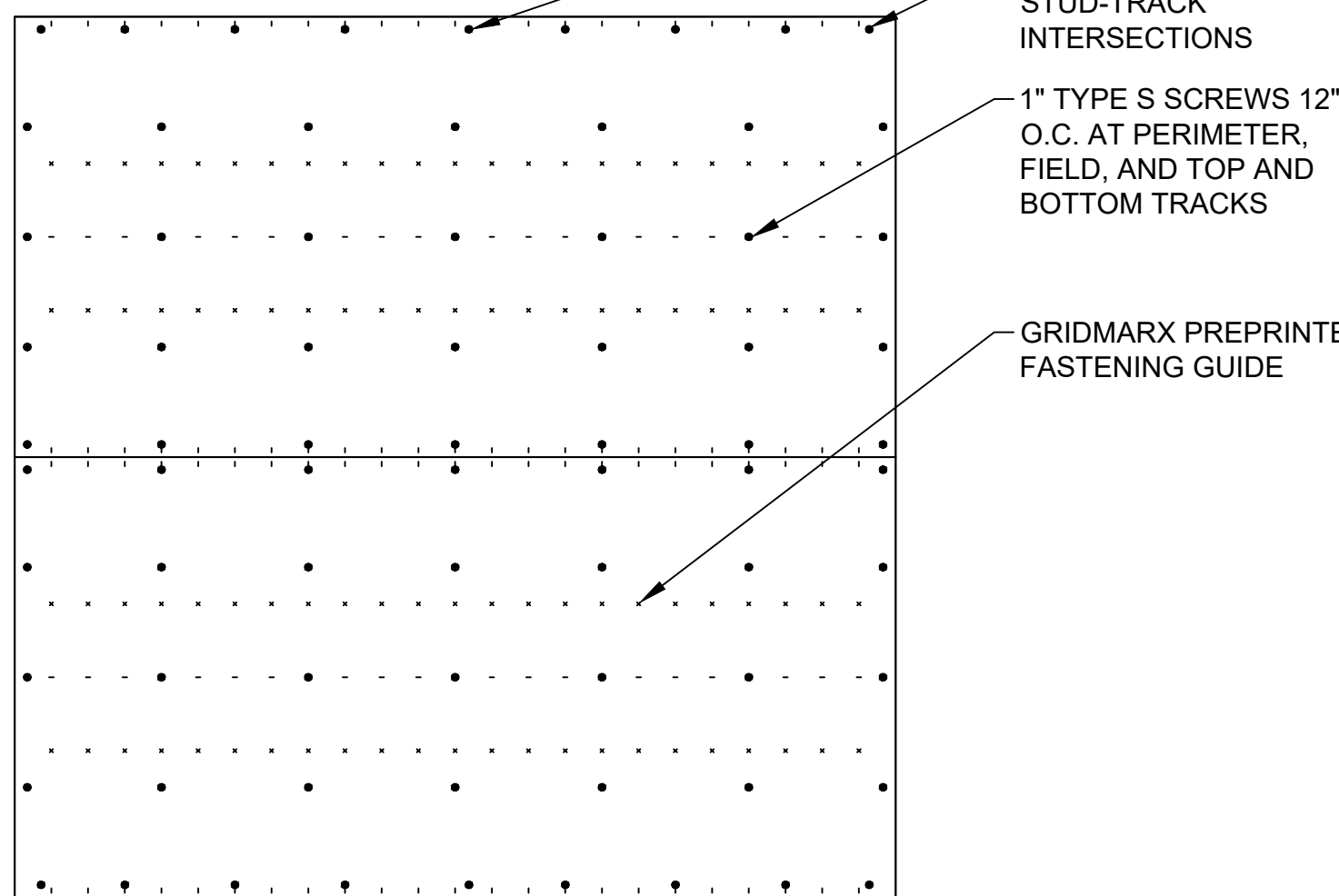


SCALE: 3"=1'-0"

DETAIL: SS 102

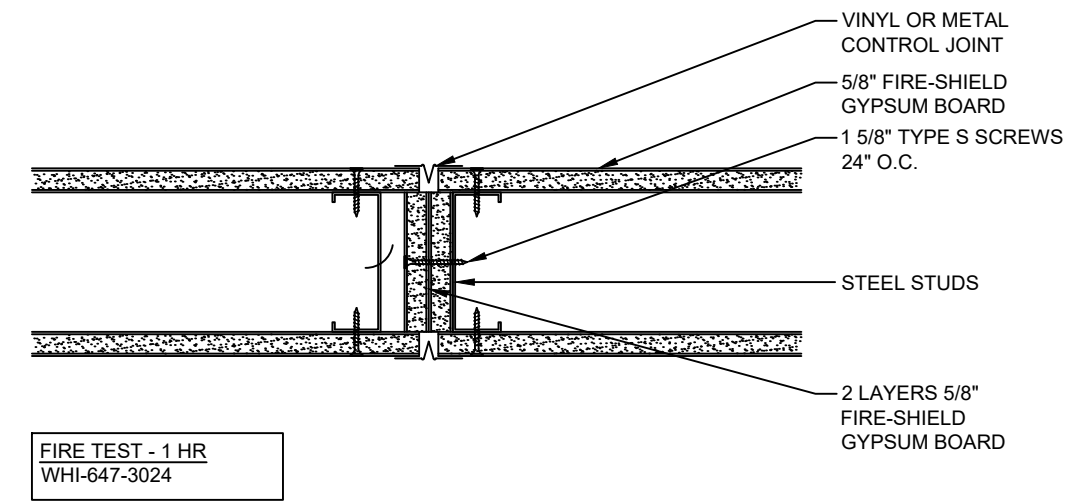


VERTICAL APPLICATION



HORIZONTAL APPLICATION

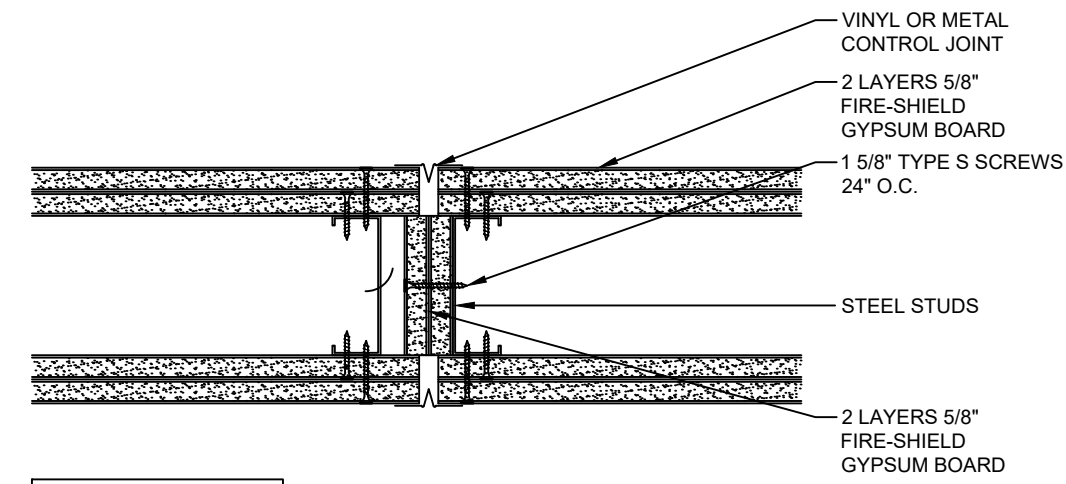
MAX 12 FASTENER PATTERN FOR 1 HOUR PARTITIONS



FIRE TEST - 2 HR
WHI-651-0318.1

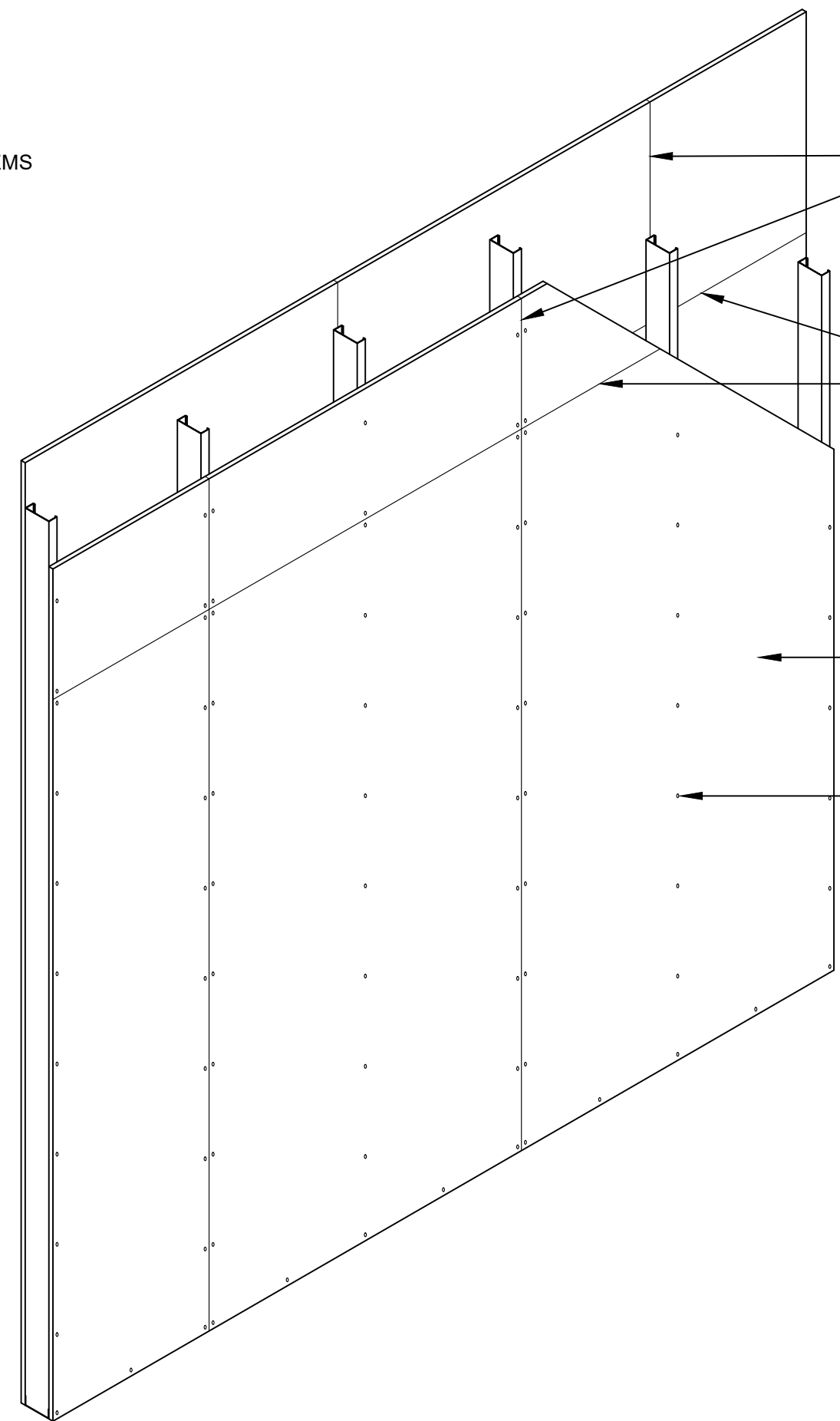
DATE: 09/01/18
SCALE: 3"=1'-0"

CONTROL JOINTS FOR FIRE-RATED SYSTEMS
DETAIL: SS 505



DATE: 09/01/18
SCALE: 3"=1'-0"

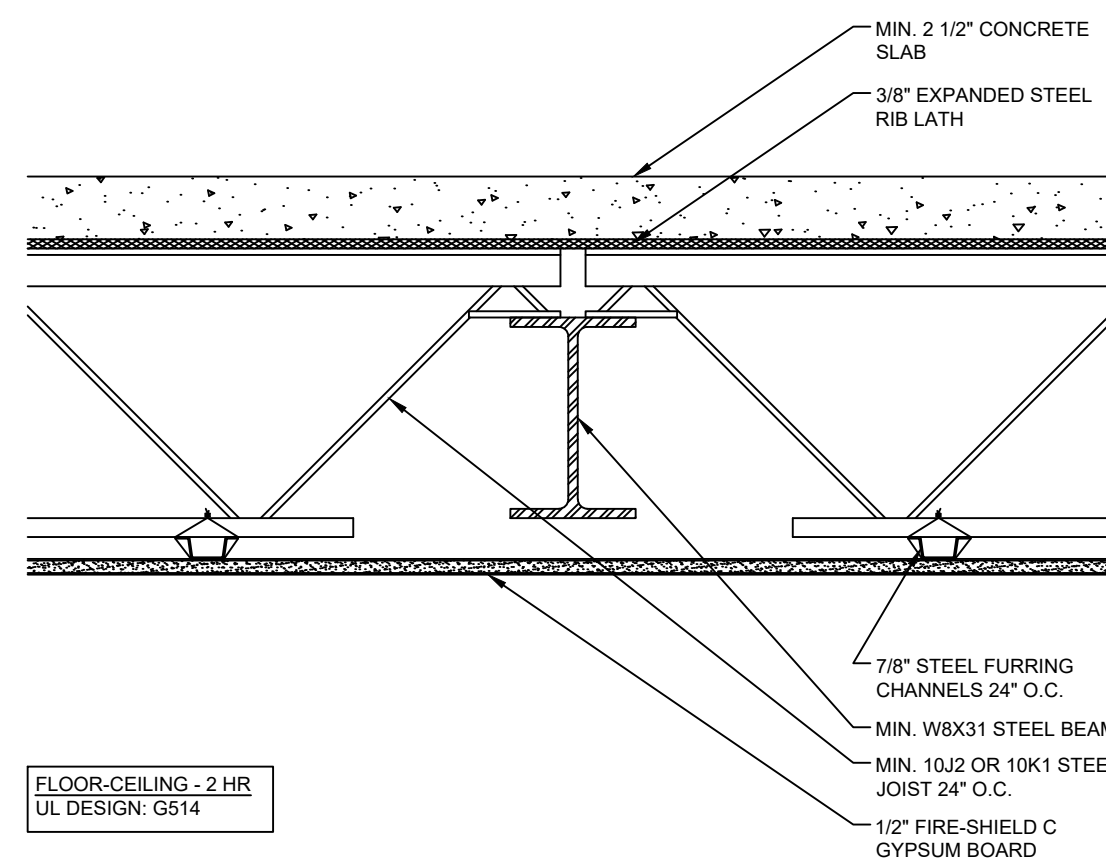
1 HOUR PARTITION CORNER DETAIL
DETAIL: SS 601



DATE: 09/01/18
SCALE: 1/2"=1'-0"

1 HR PARTITION JOINT STAGGERING REQUIREMENTS

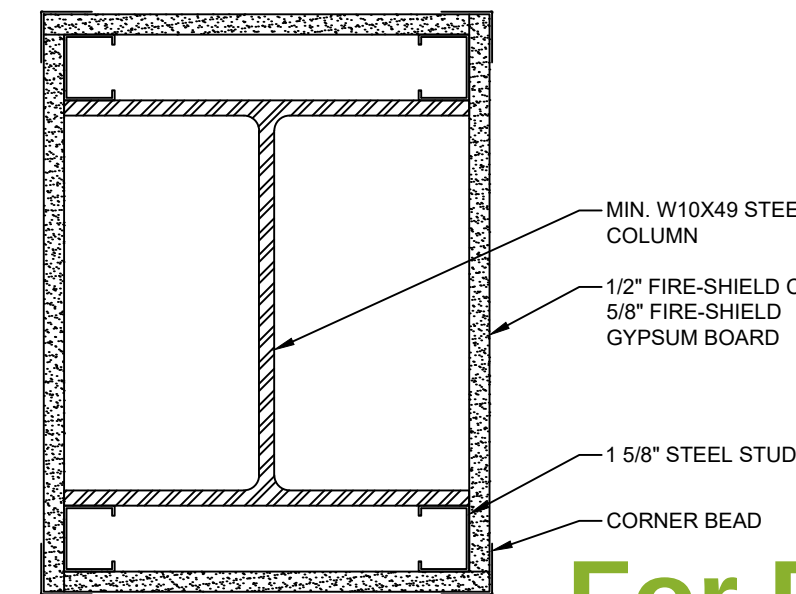
DETAIL: SS 501



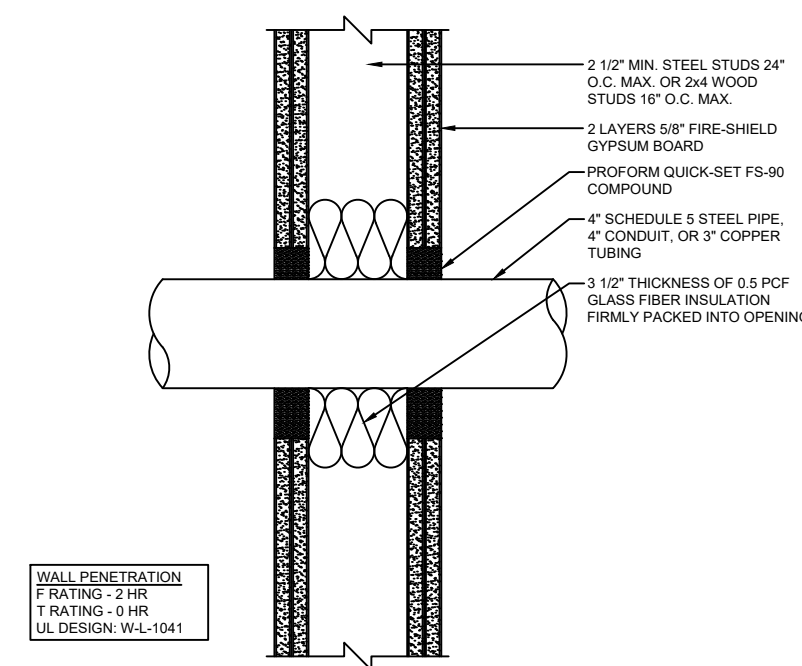
FLOOR-CEILING - 2 HR
UL DESIGN: G514

COLUMN - 1 HR
UL DESIGN: X528

SCALE: 3"=1'-0"



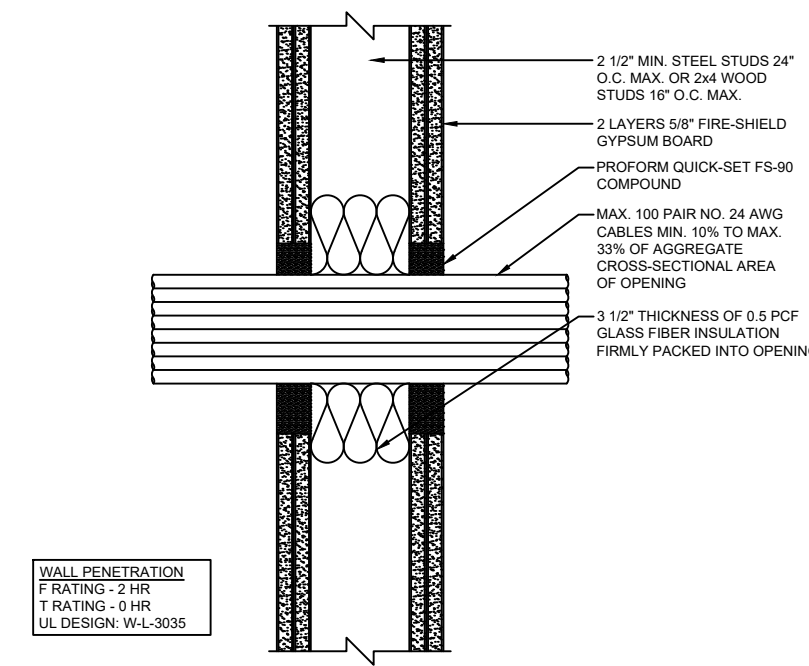
1 HOUR RATED COLUMN
DETAIL: CL 101



WALL PENETRATION
F RATING - 2 HR
T RATING - 0 HR
UL DESIGN: W-1041

SCALE: 3"=1'-0"

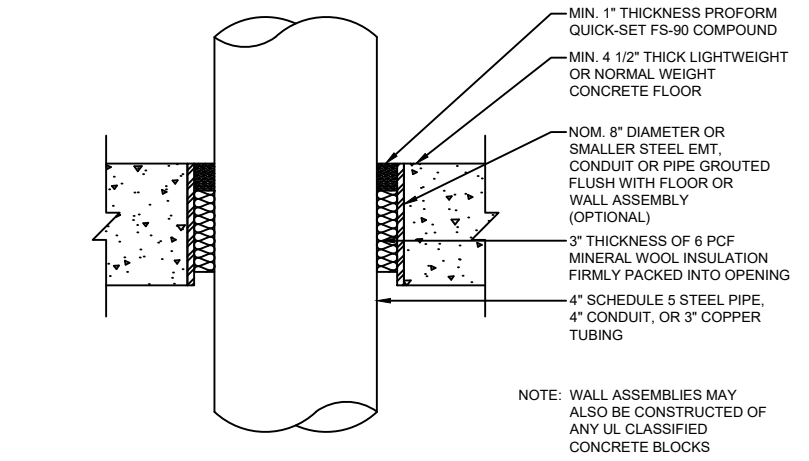
PIPE PENETRATION THROUGH WALL
DETAIL: PN 201



WALL PENETRATION
F RATING - 2 HR
T RATING - 0 HR
UL DESIGN: W-1041

SCALE: 3"=1'-0"

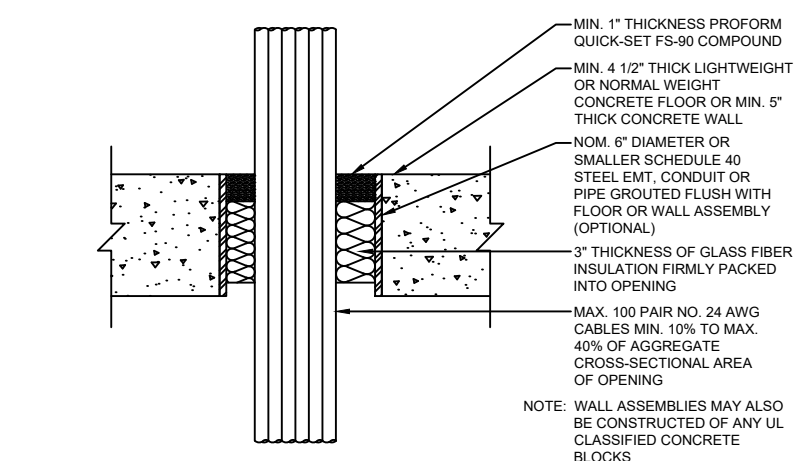
CABLE PENETRATION THROUGH WALL
DETAIL: PN 202



FLOOR PENETRATION
F RATING - 2 HR
T RATING - 0 HR
UL DESIGN: C-A1-103

SCALE: 3"=1'-0"

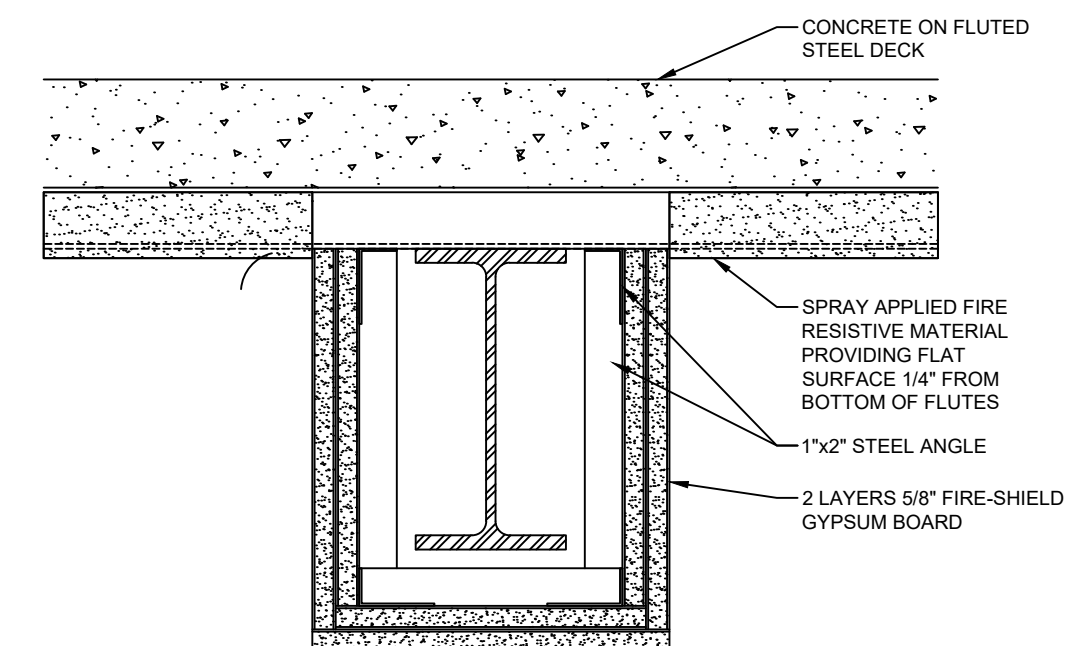
PIPE PENETRATION THROUGH FLOOR
DETAIL: PN 301



FLOOR PENETRATION
F RATING - 2 HR
T RATING - 14 HR
UL DESIGN: C-A2-5073

DATE: 09/01/18
SCALE: 3"=1'-0"

CABLE PENETRATION THROUGH FLOOR
DETAIL: PN 302



BEAM - 2 HR
UL DESIGN: N501

DATE: 09/01/18
SCALE: 3"=1'-0"

2 HOUR STEEL BEAM
DETAIL: BM 201

For Review
05/11/2023 12:39:05 AM

REVISIONS

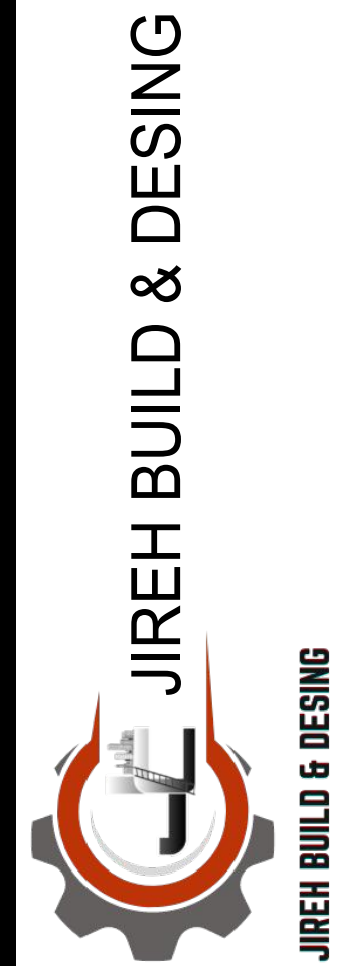
REV	DATE	DESCRIPTION
1		
2		
3		
4		

DATE OF EMISSION: 27-JUL-2022

PROJECT NUMBER: 01
CADD DIRECTORY
PLOT SCALE: 3/8"=1'-0"

CCB DORADO

CLIENT



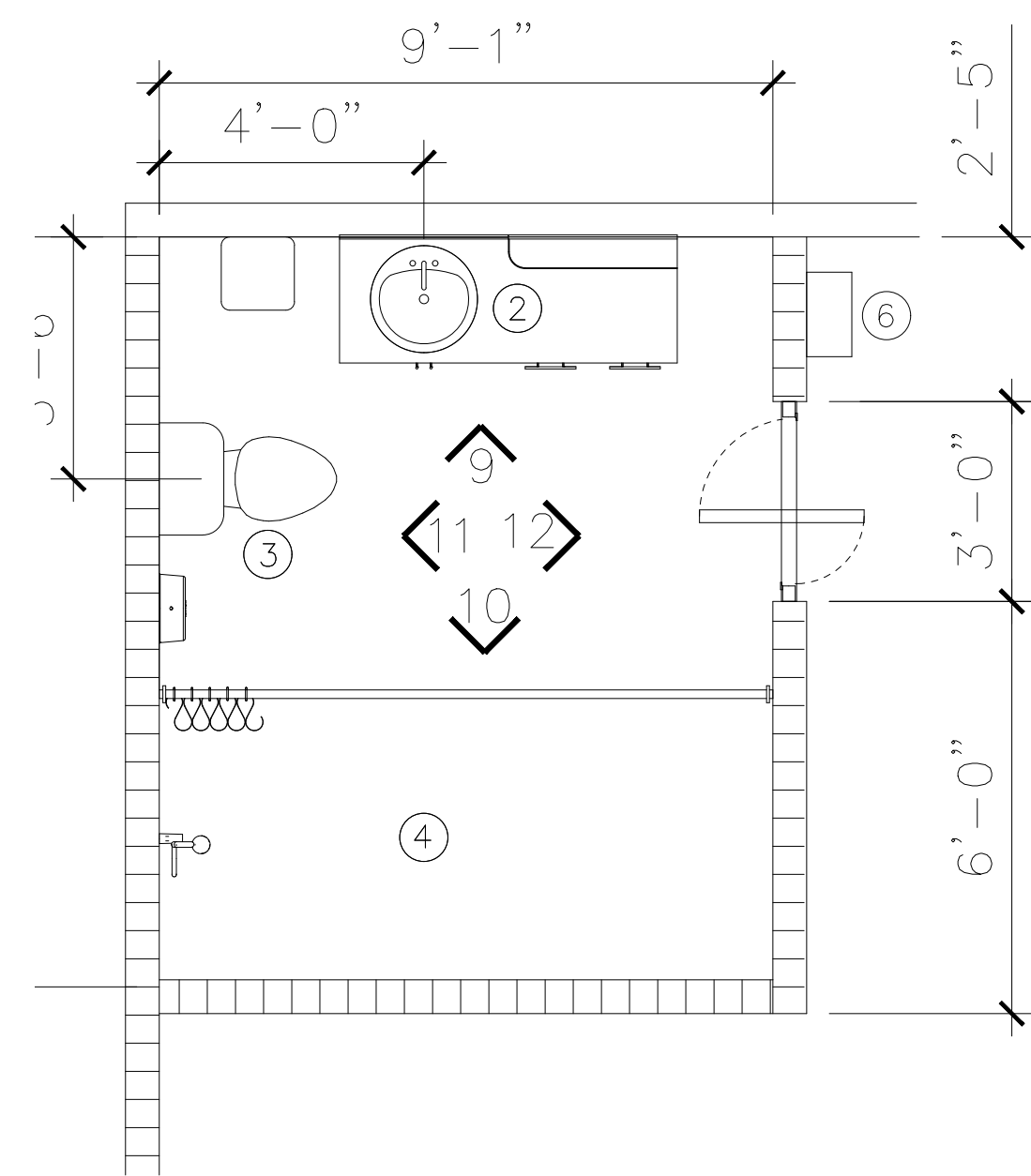
CENTRO CRISTIANO BETHEL DORADO FACILITIES

GENERAL DETAILS

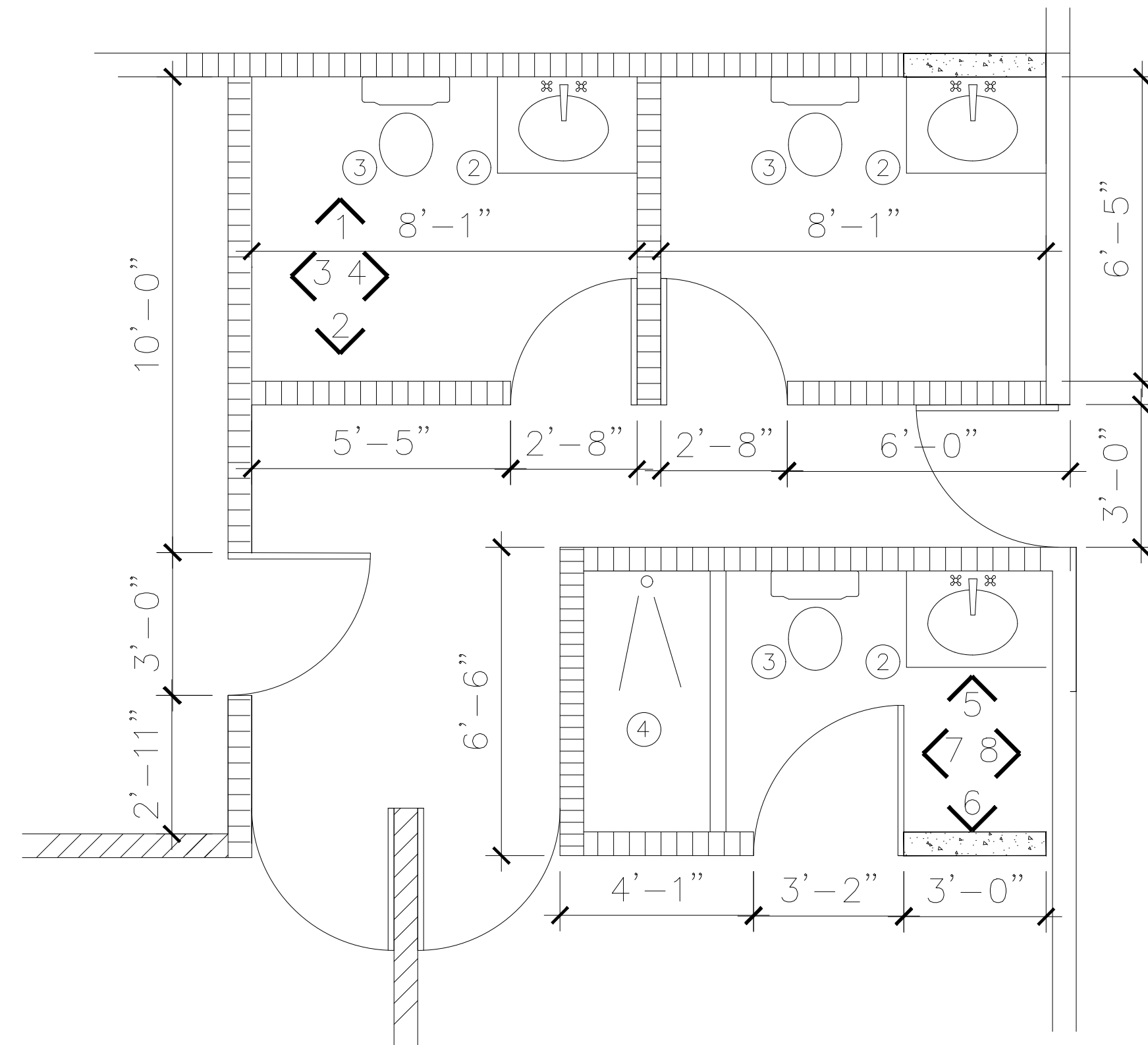
DRAWING NO.

DRAWING TITLE :

A-4



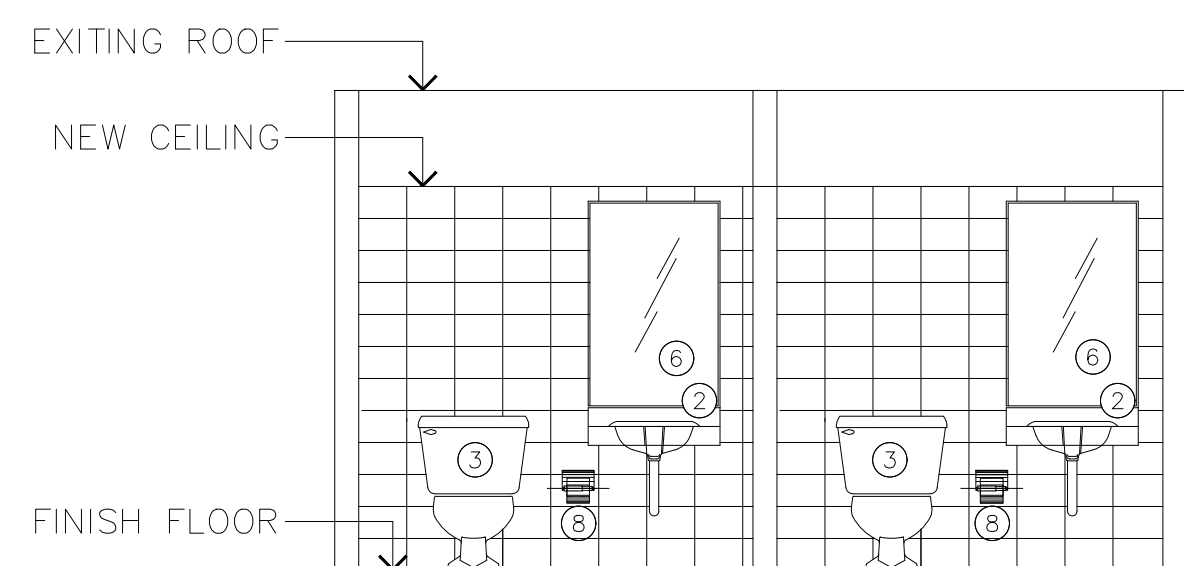
VIP ROOM BATHROOM
1/4=1'-0"



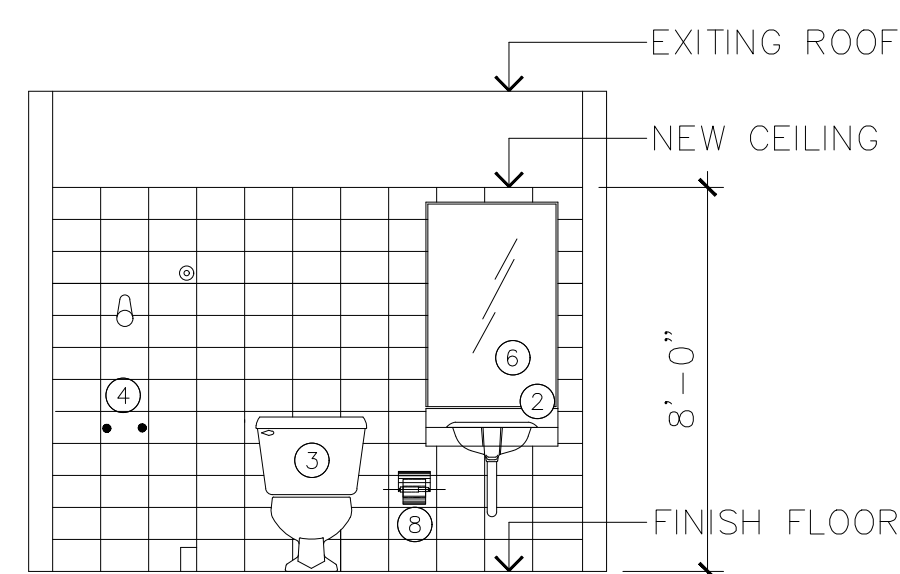
SHEPERD ROOM BATHROOM
1/4=1'-0"

SANITARY LIST ITEM

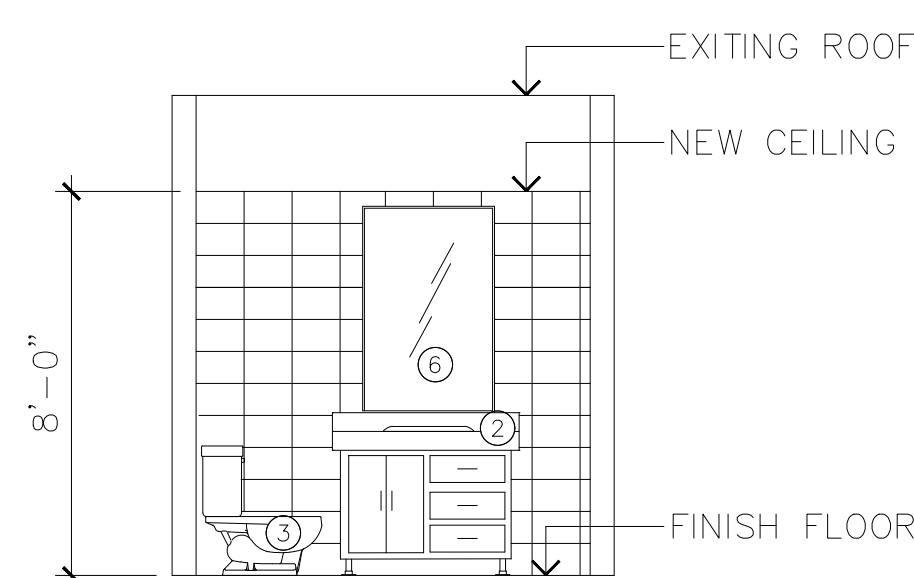
- ② SINK
- ③ TOILET
- ④ SHOWER
- ⑤ URINAL
- ⑥ MIRROR
- ⑦ CERAMIC TILE
- ⑧ SANITARY PAPER DISPENSER



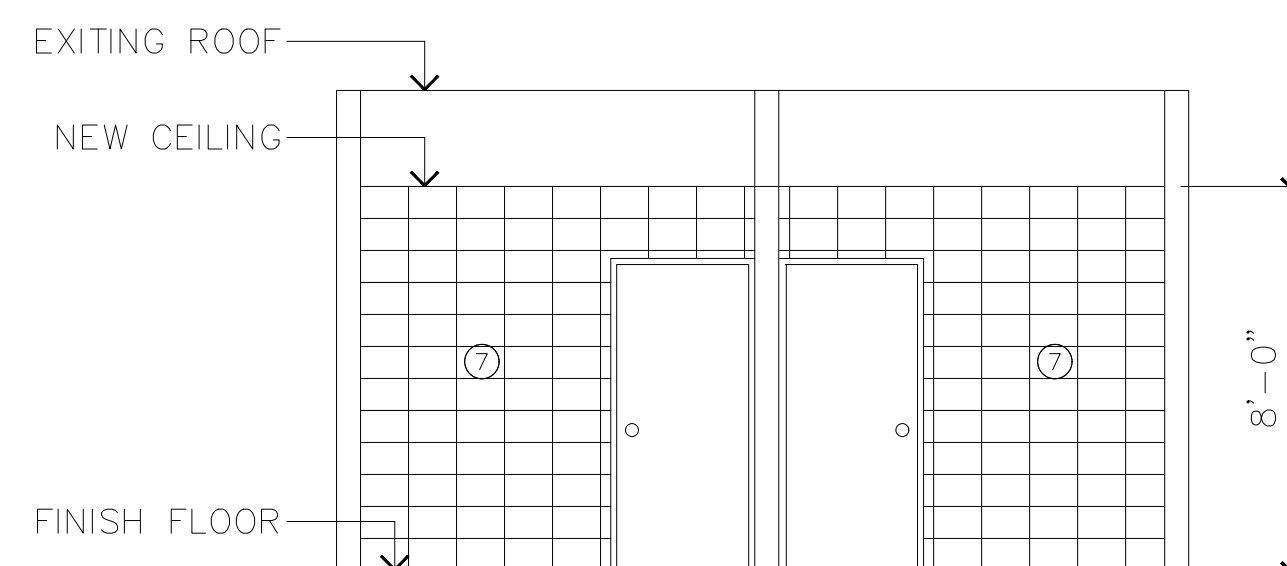
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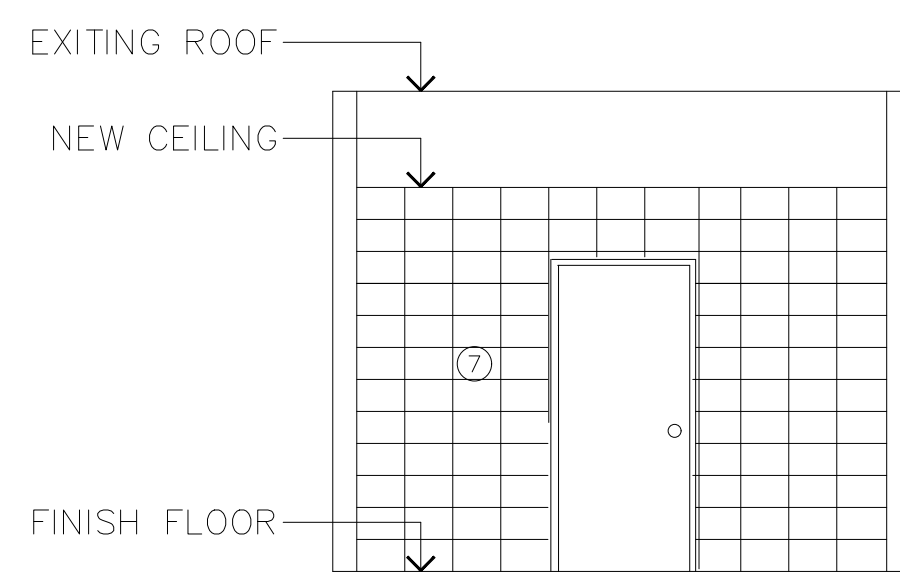
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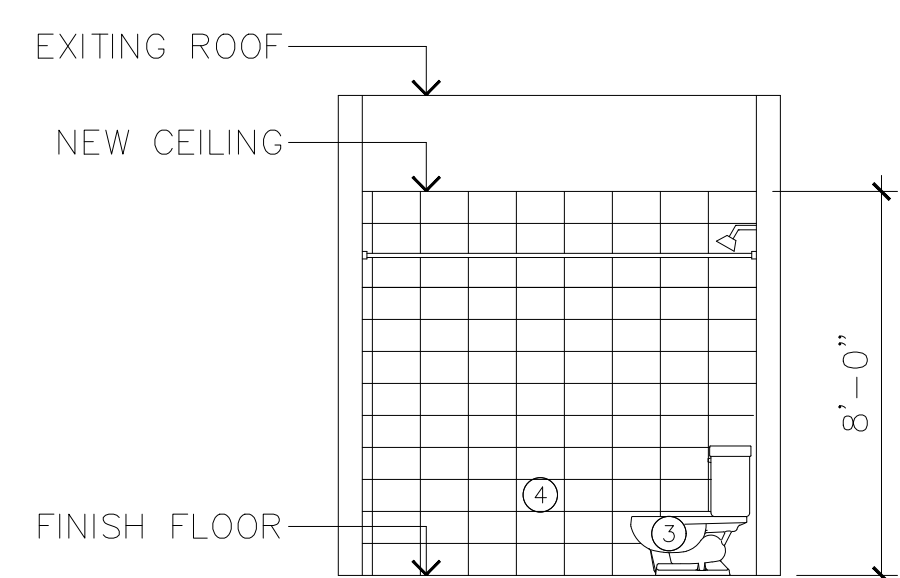
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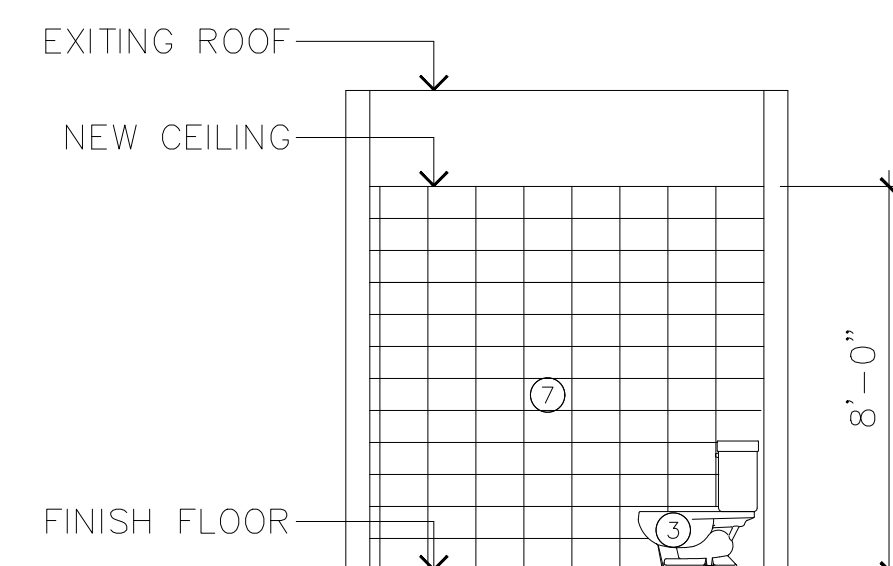
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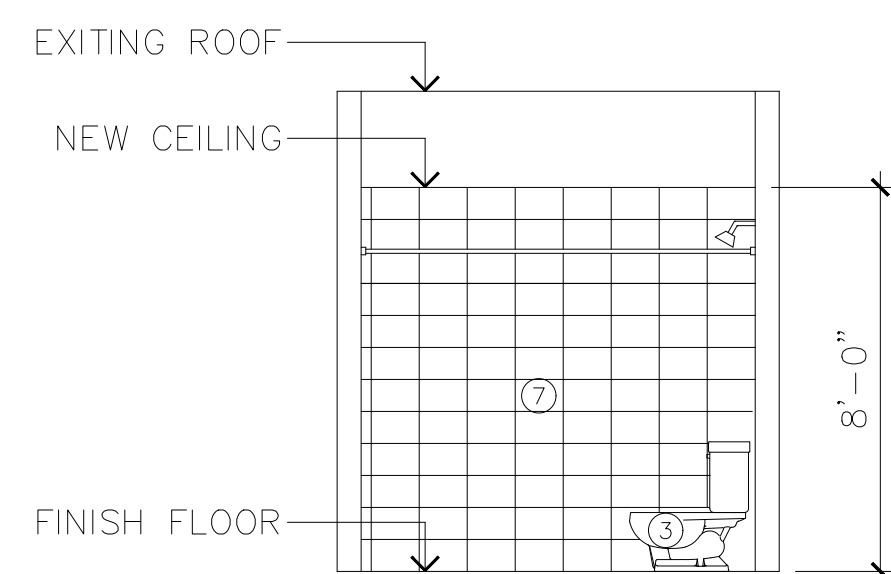
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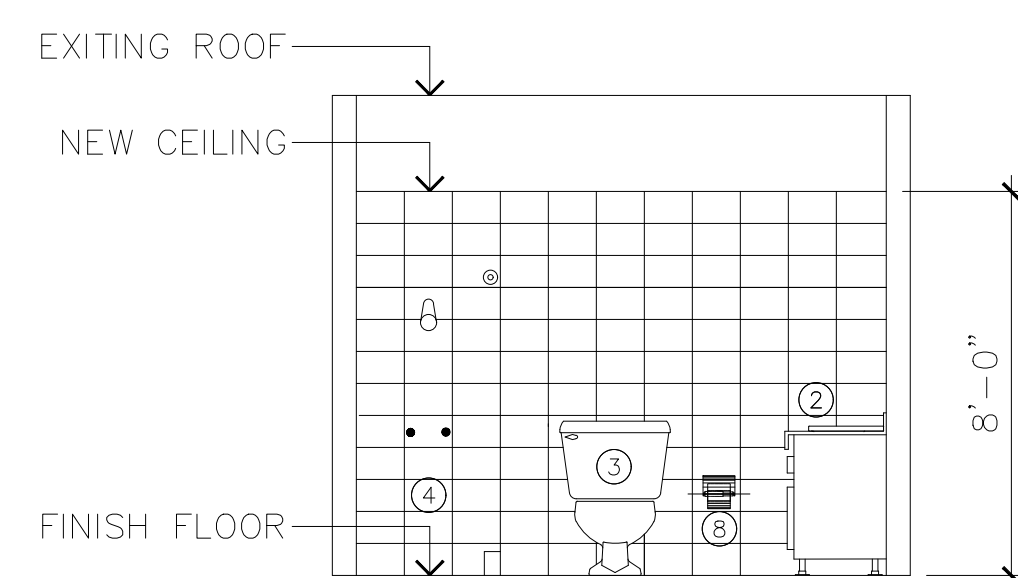
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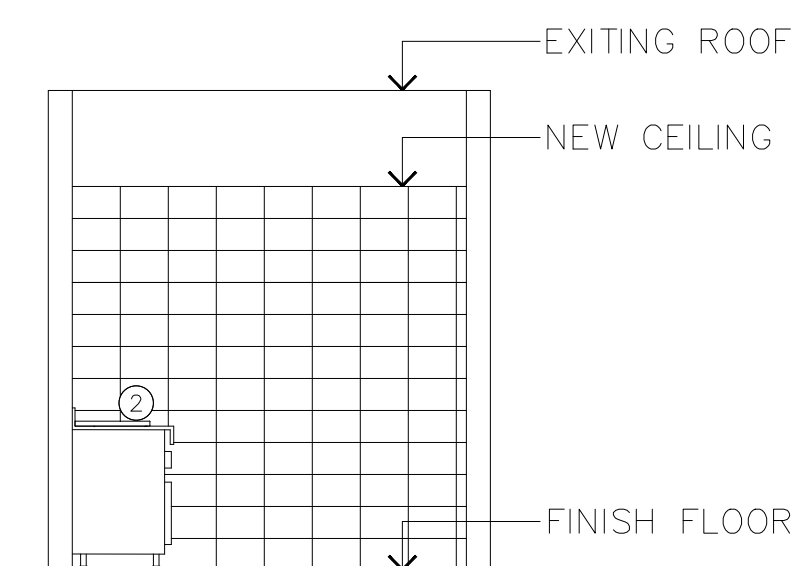
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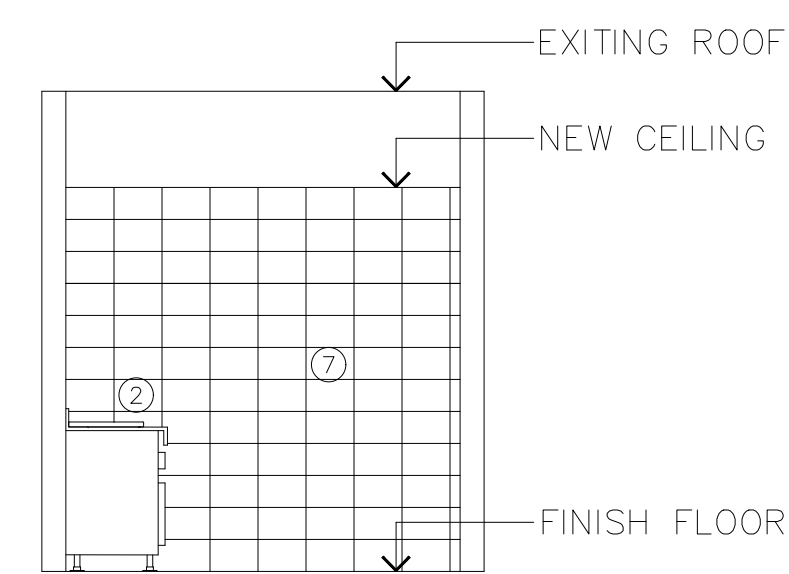
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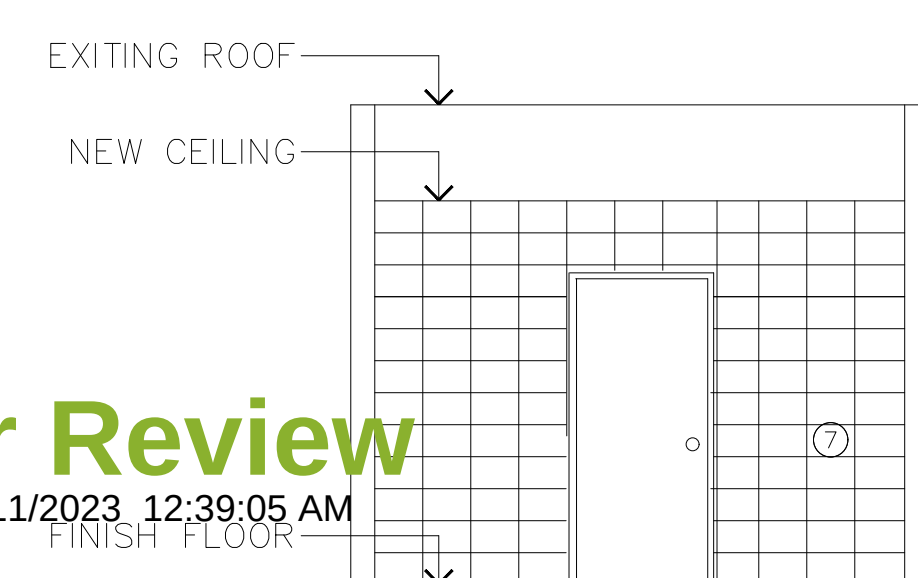
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For Review
05/11/2023 12:39:05 AM

REVISIONS

DATE OF EMISSION: 27-JUL-2022

CCB DORADO

CLIENT

JIREH BUILD & DESING

CENTRO CRISTIANO BETHEL DORADO FACILITIES

DRAWING NO.

DESCRIPTION

DATE

REV.

PROJECT NUMBER: 01

CADD DIRECTORY

PLOT SCALE: 3/8"=1'-0"

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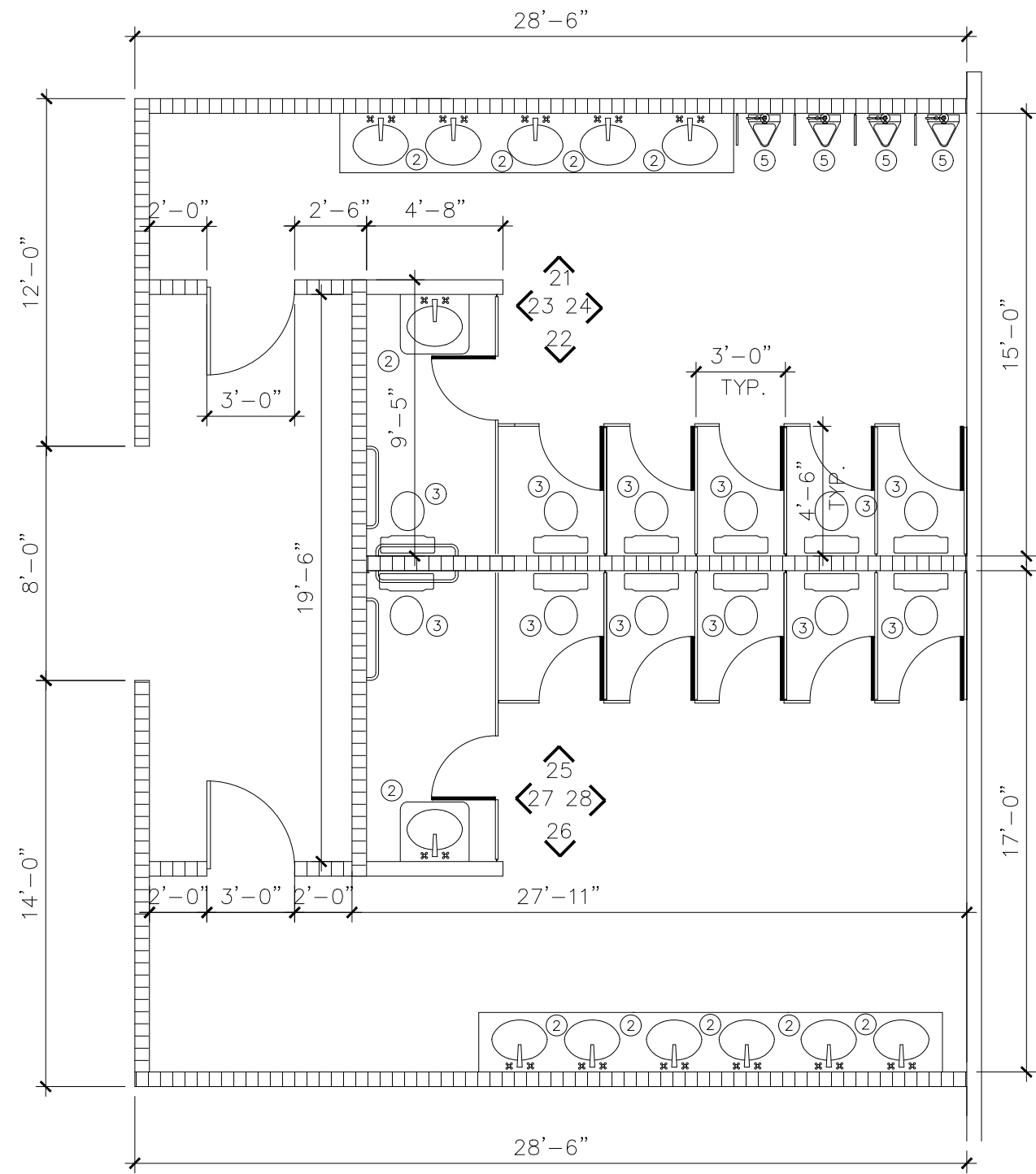
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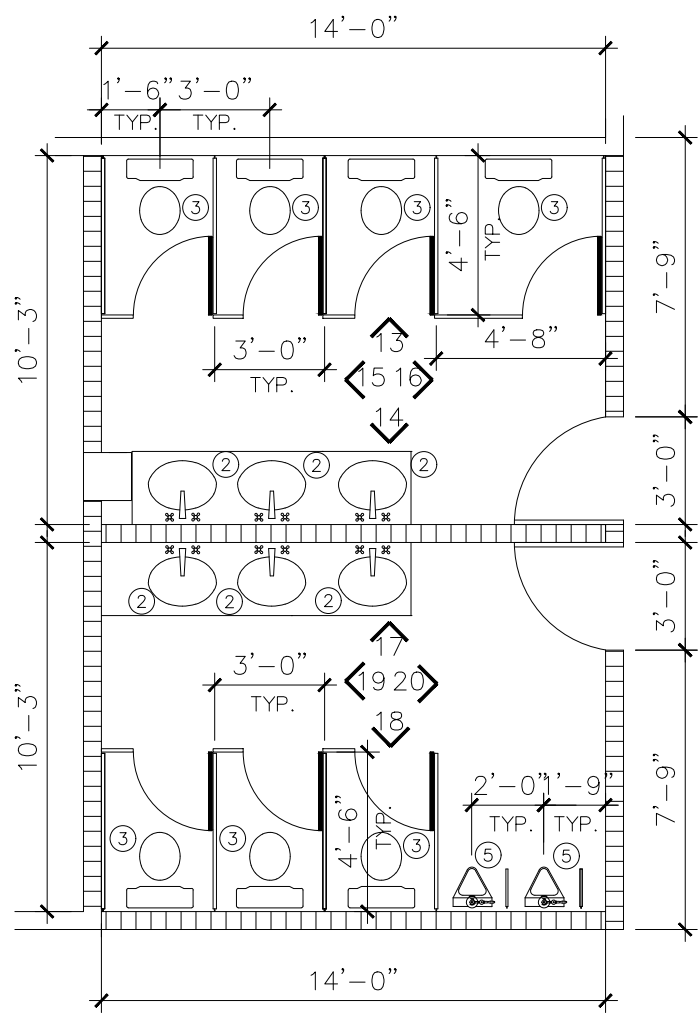
SANITARY LIST ITEM

- ② SINK
- ③ TOILET
- ④ SHOWER
- ⑤ URINAL
- ⑥ MIRROR
- ⑦ CERAMIC TILE
- ⑧ SANITARY PAPER DISPENSER



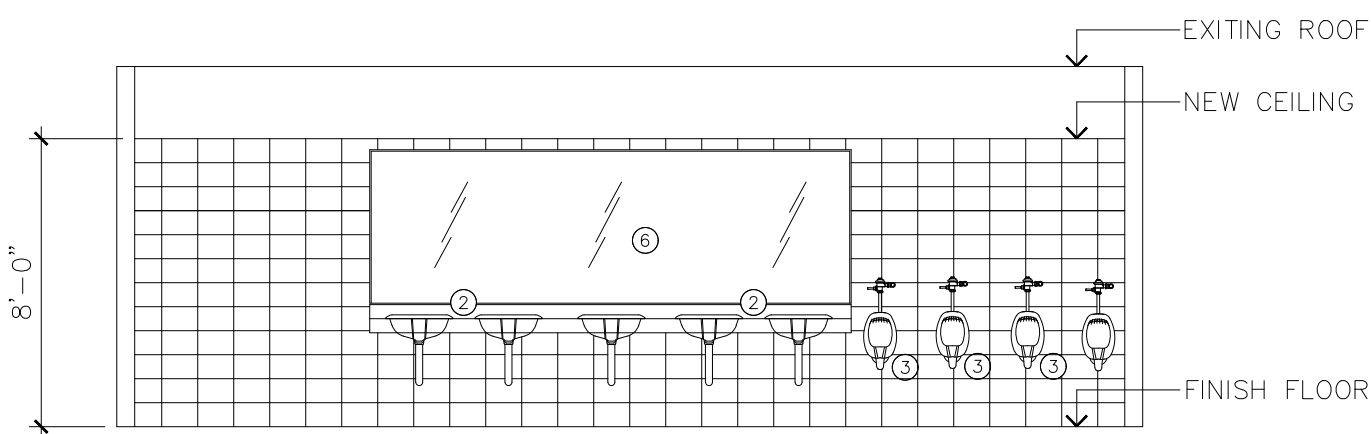
MENS & WOMENS BATHROOM

1/4=1'-0"

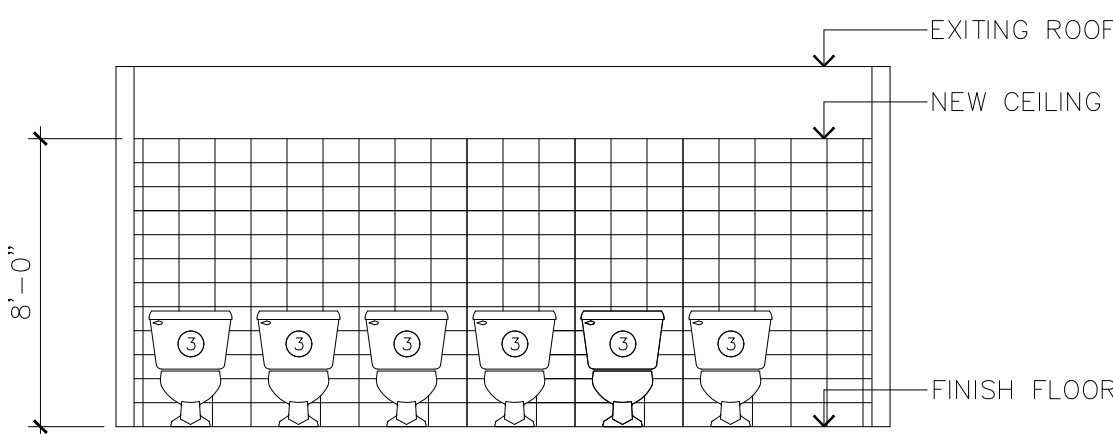


KIDS AREA BATHROOM

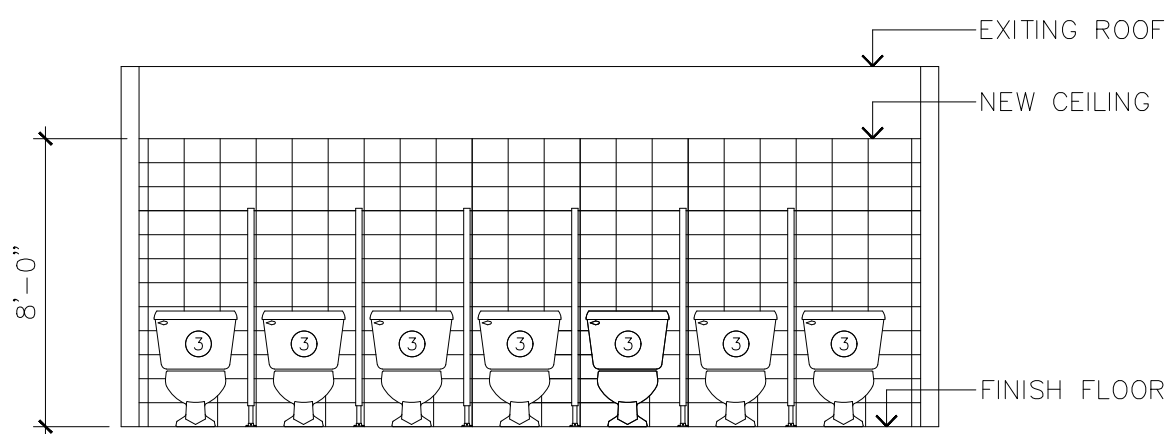
1/4=1'-0"



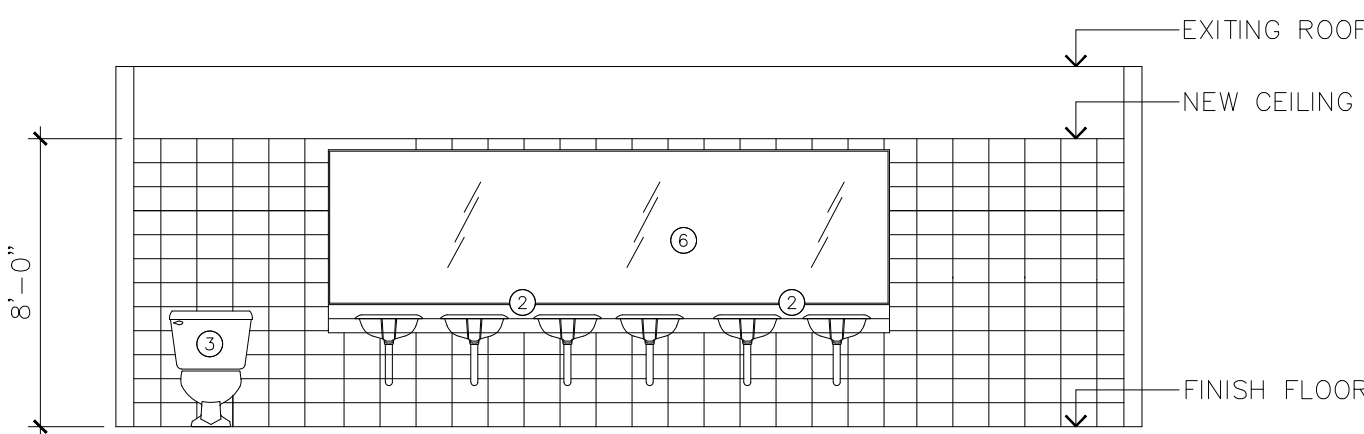
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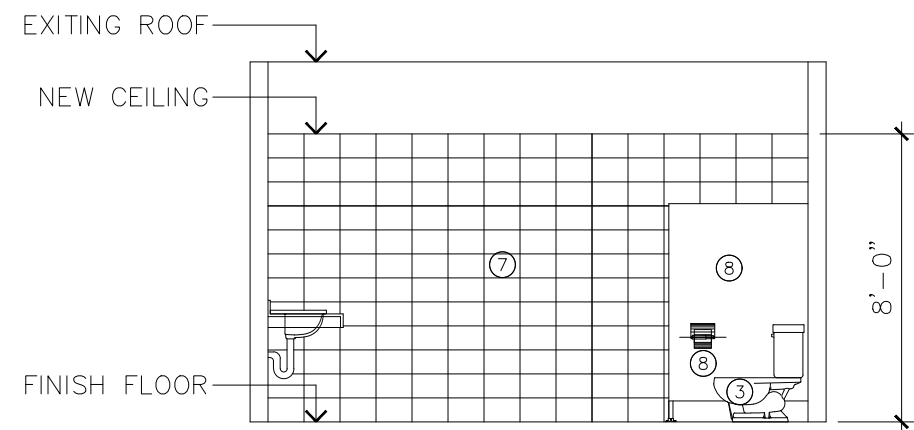
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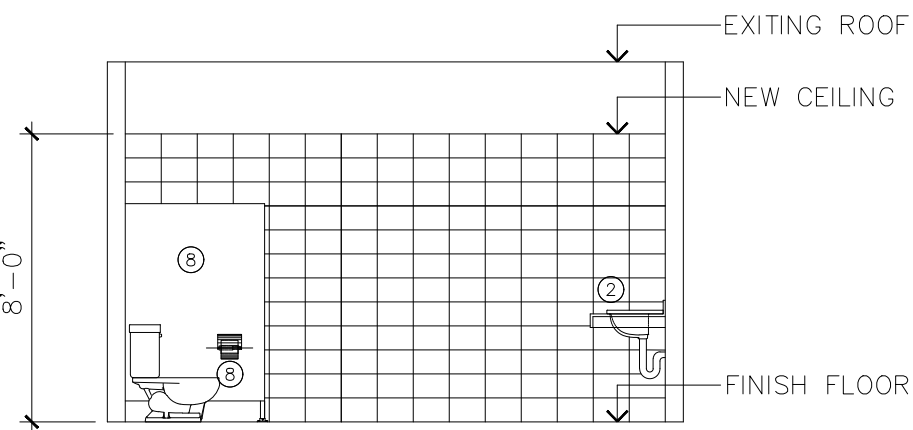
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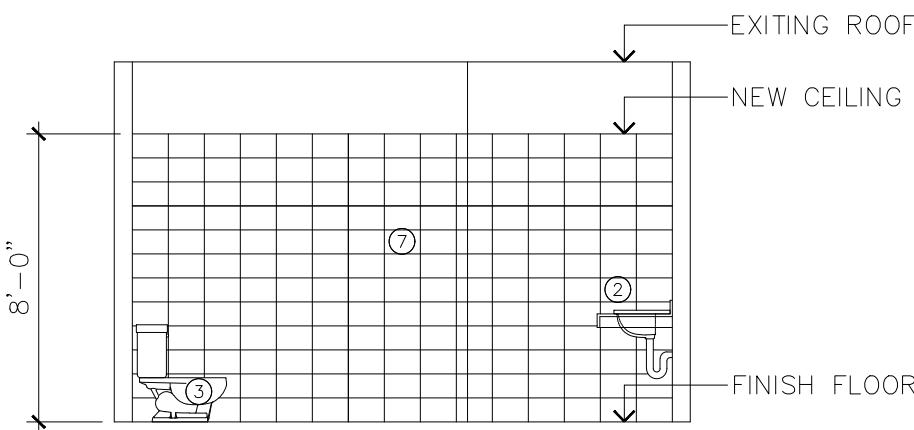
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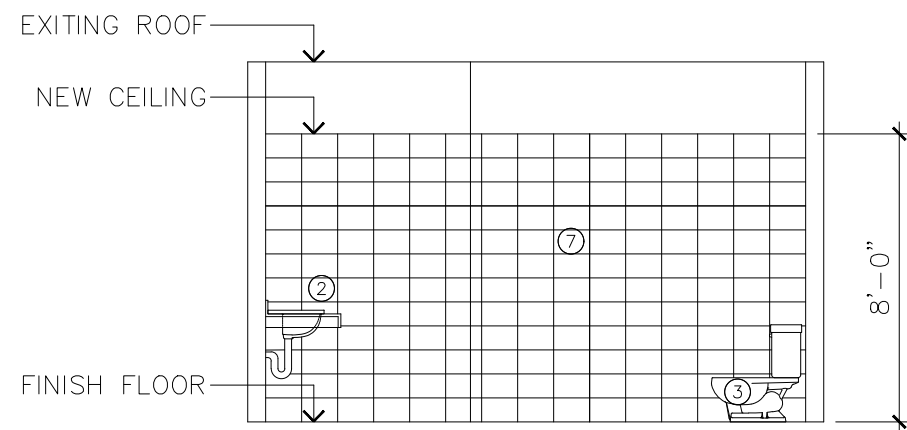
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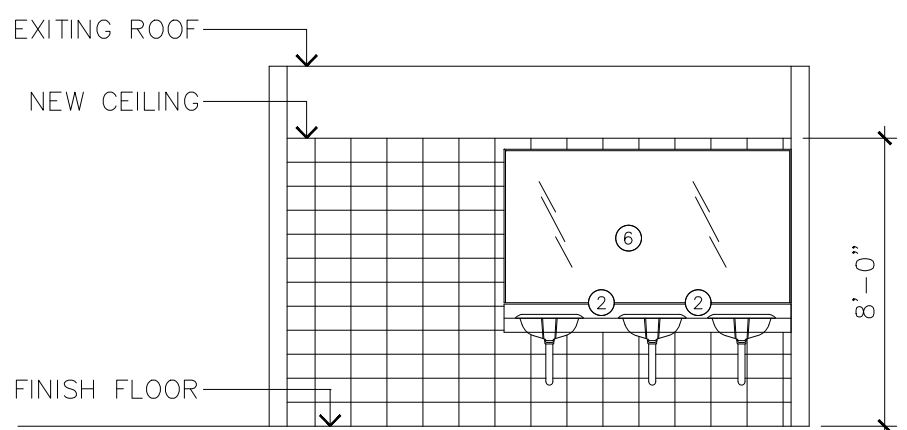
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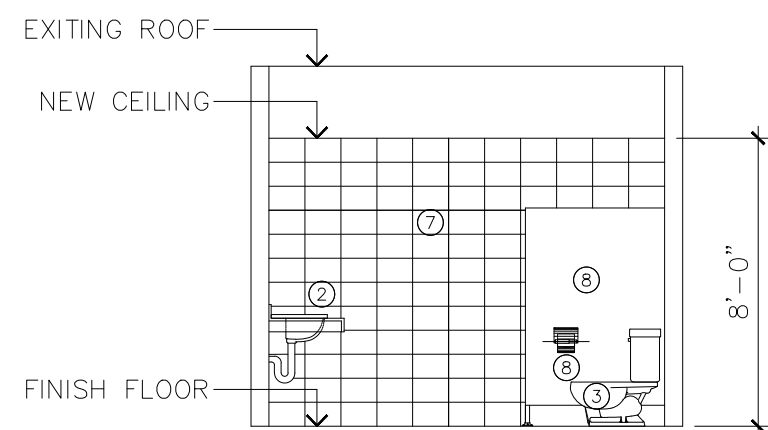
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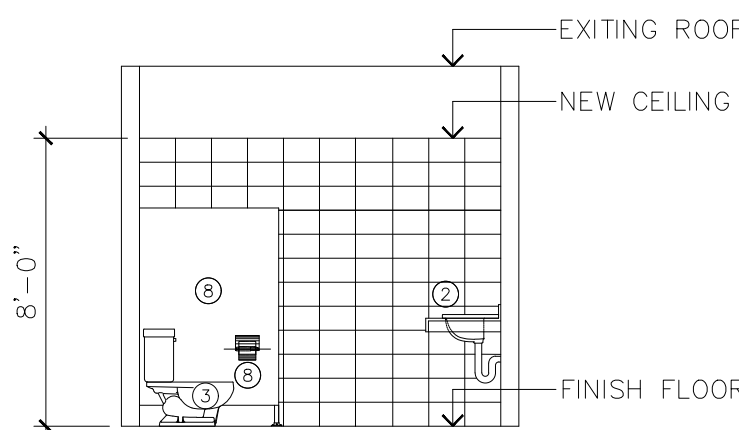
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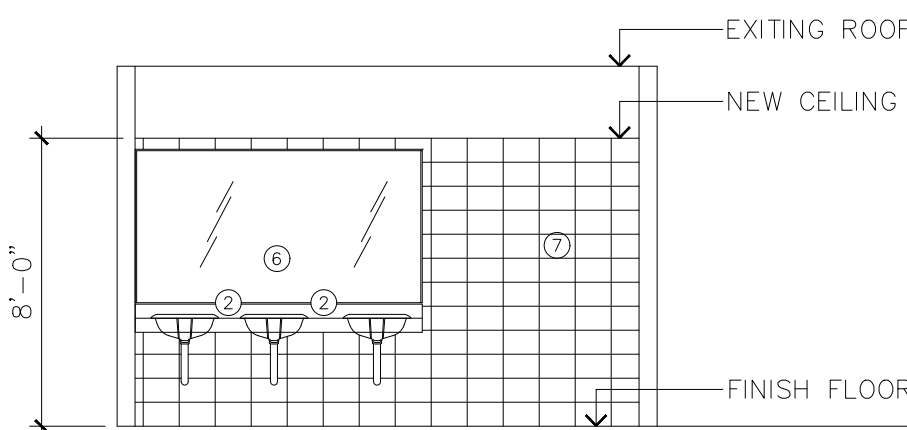
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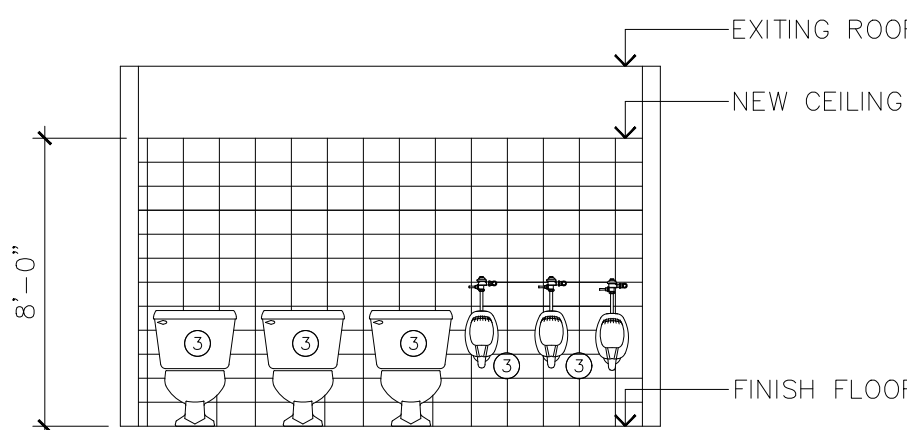
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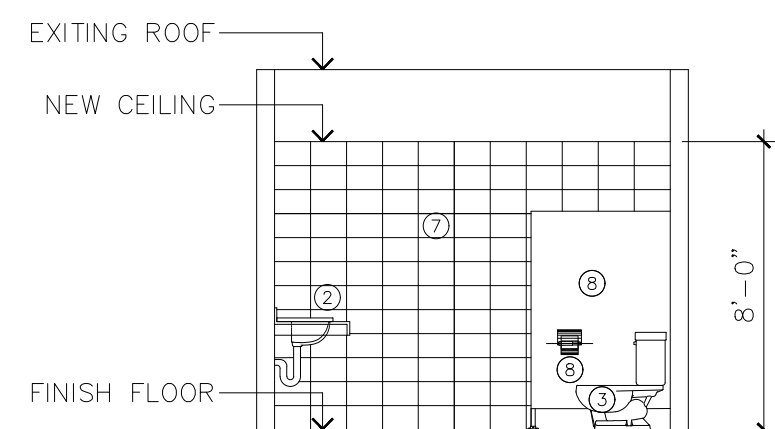
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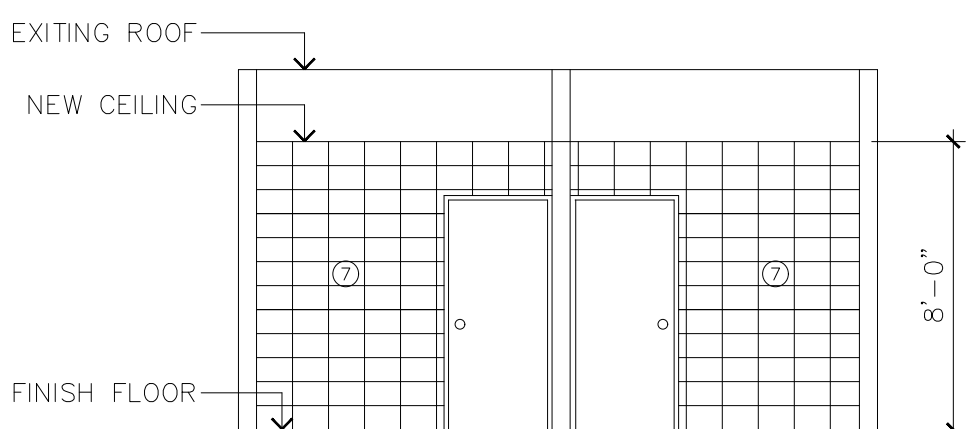
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For Review

05/11/2023 12:39:05 AM

REVISIONS

REV.	DATE	DESCRIPTION
1	*	
2	*	
3	*	
4	*	

DATE OF EMISSION: 27-JUL-2022

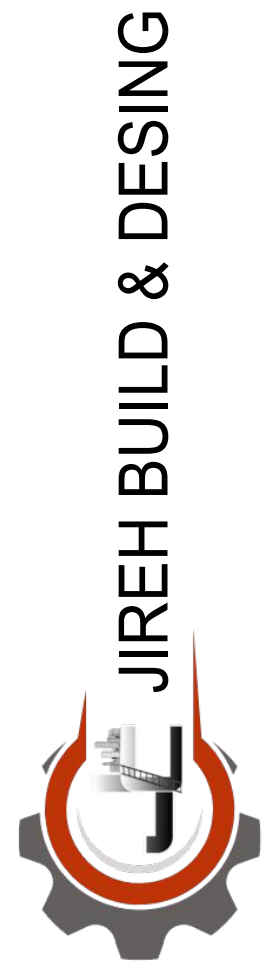
PROJECT NUMBER: 01

CADD DIRECTORY

PLOT SCALE: 3/8"=1'-0"

CLIENT

CCB DORADO

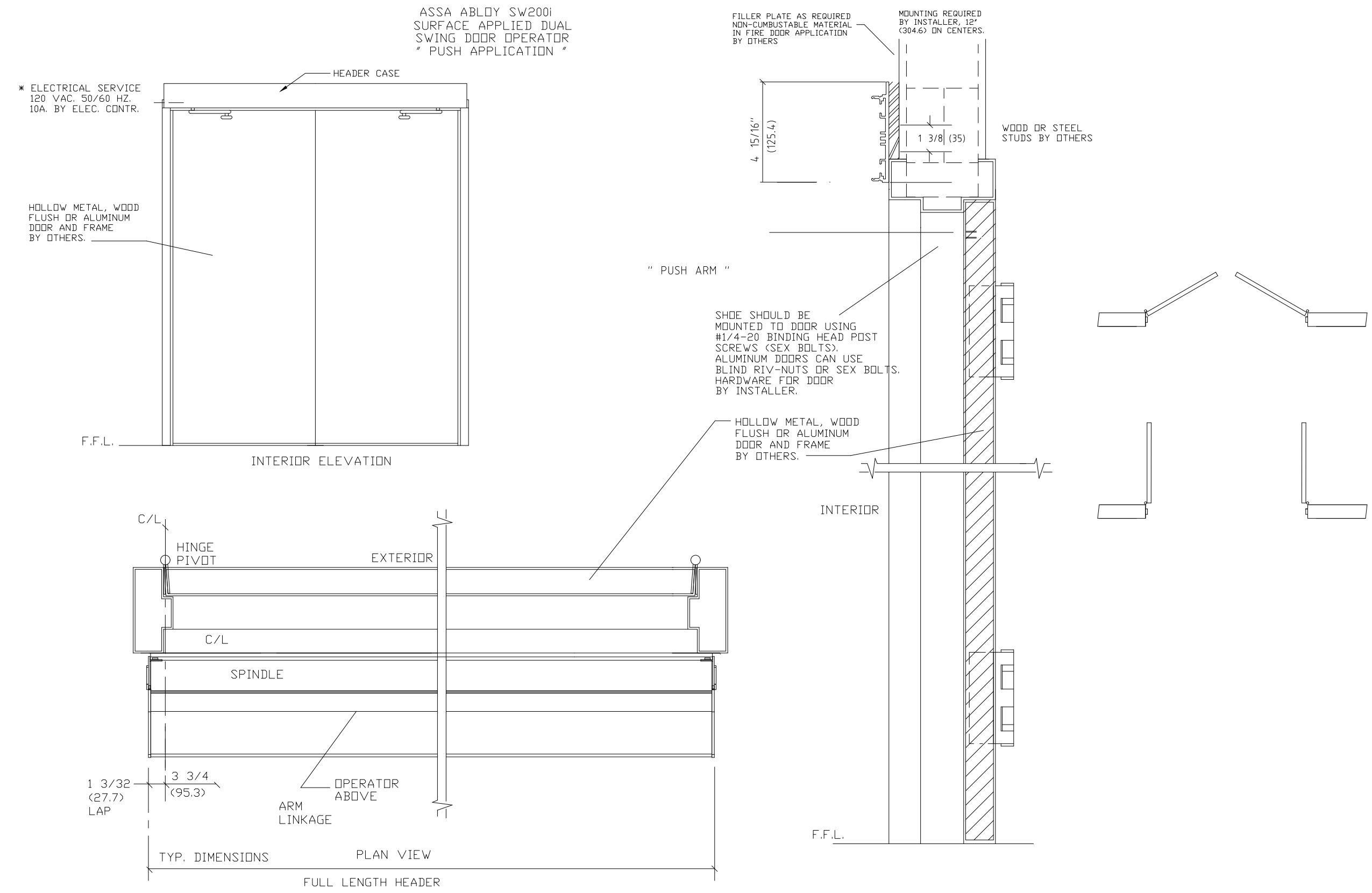


PROJECT NAME: CENTRO CRISTIANO BETHEL DORADO FACILITIES

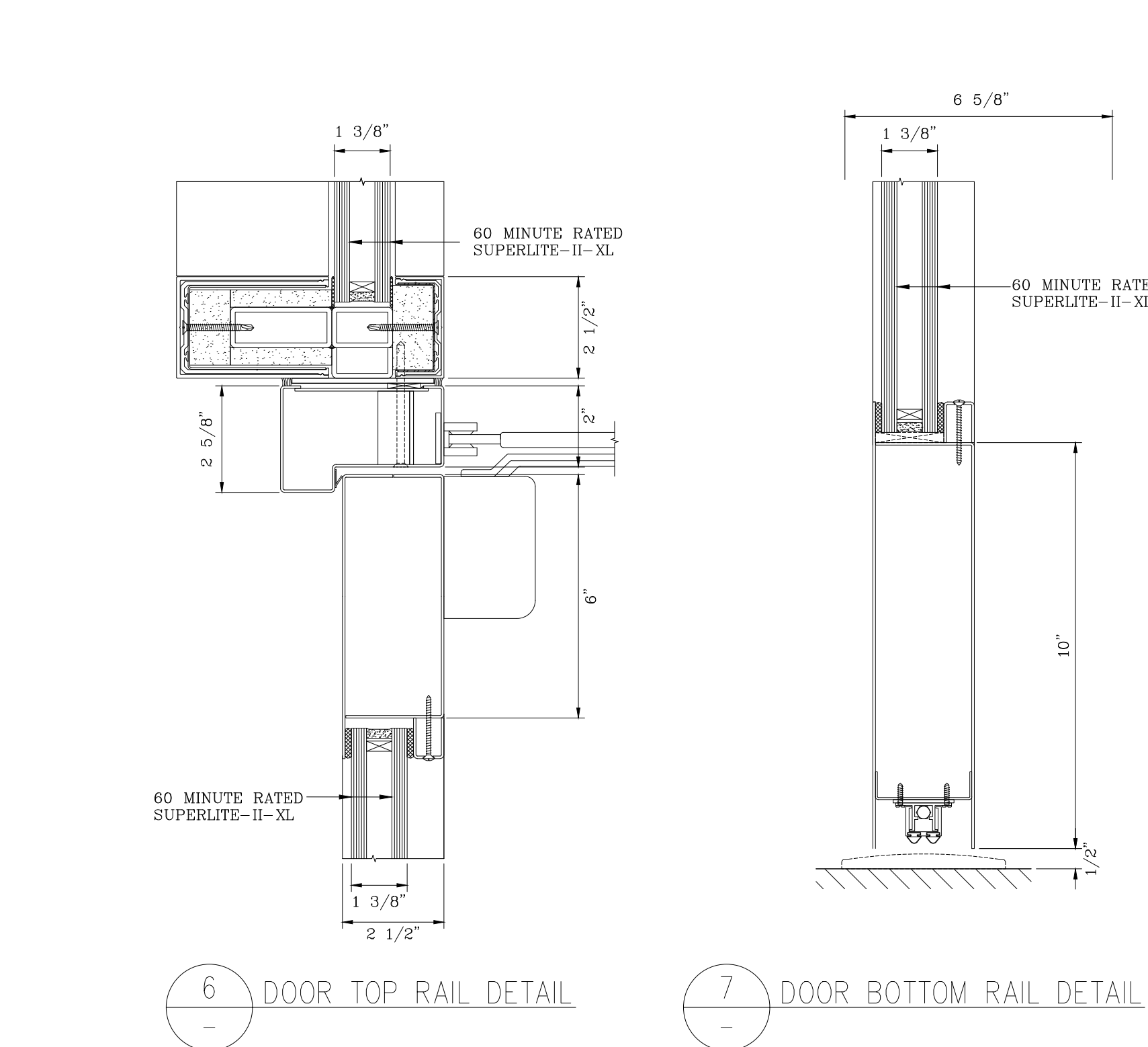
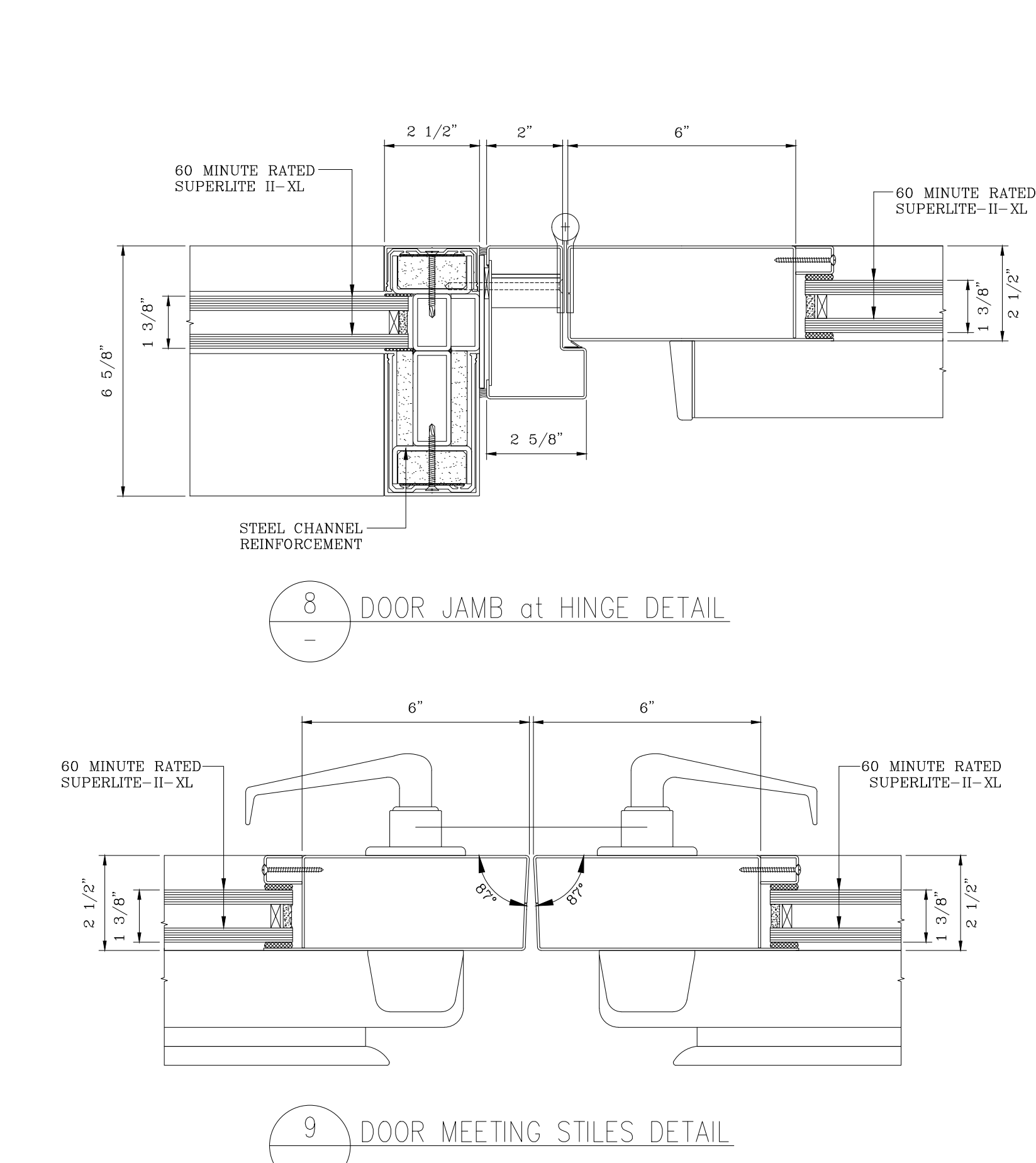
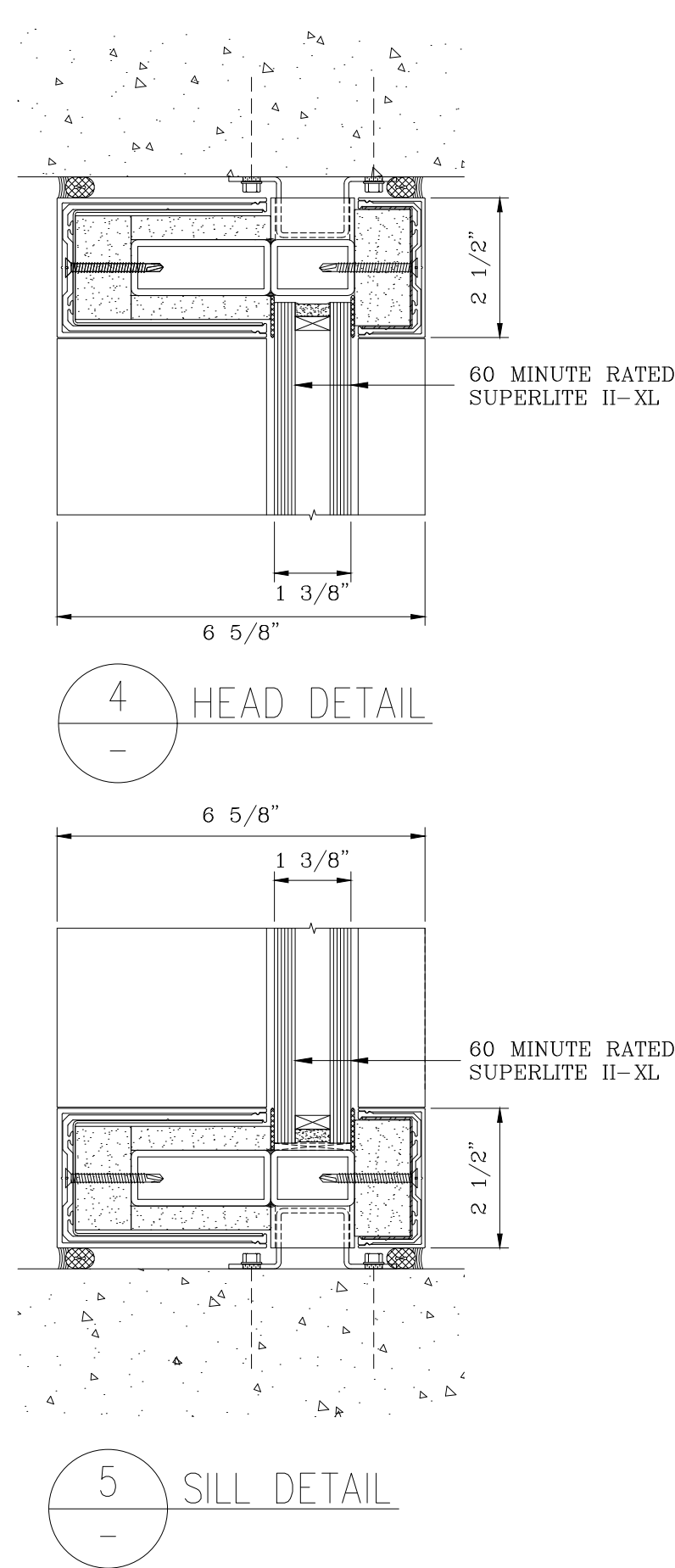
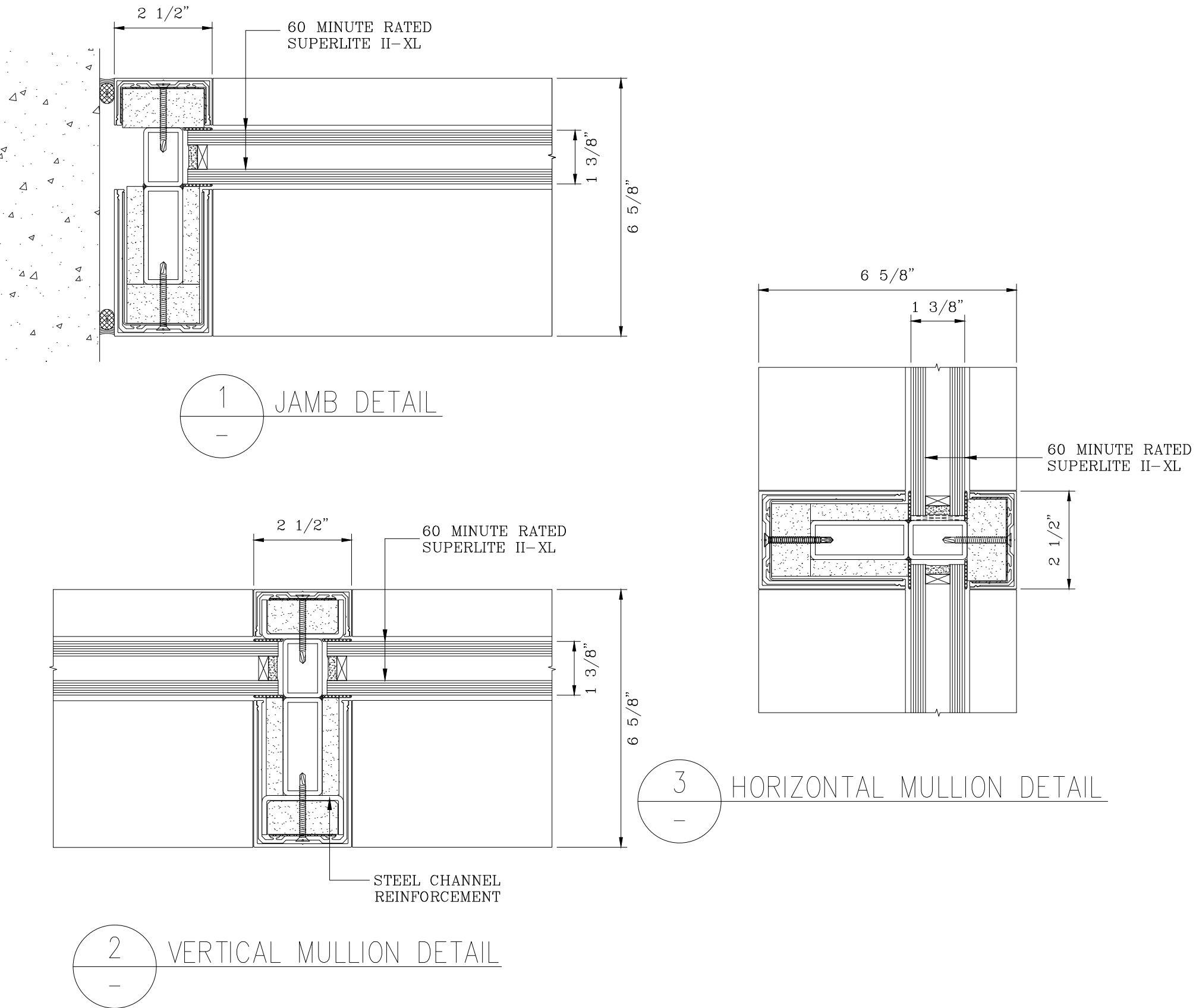
DRAWING TITLE: BATHROOM DETAILS

DRAWING NO.

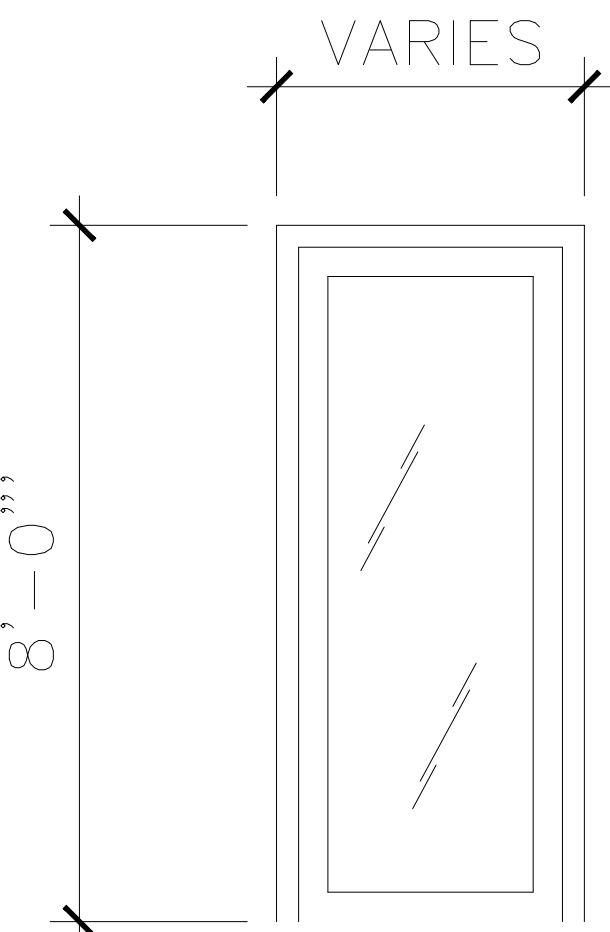
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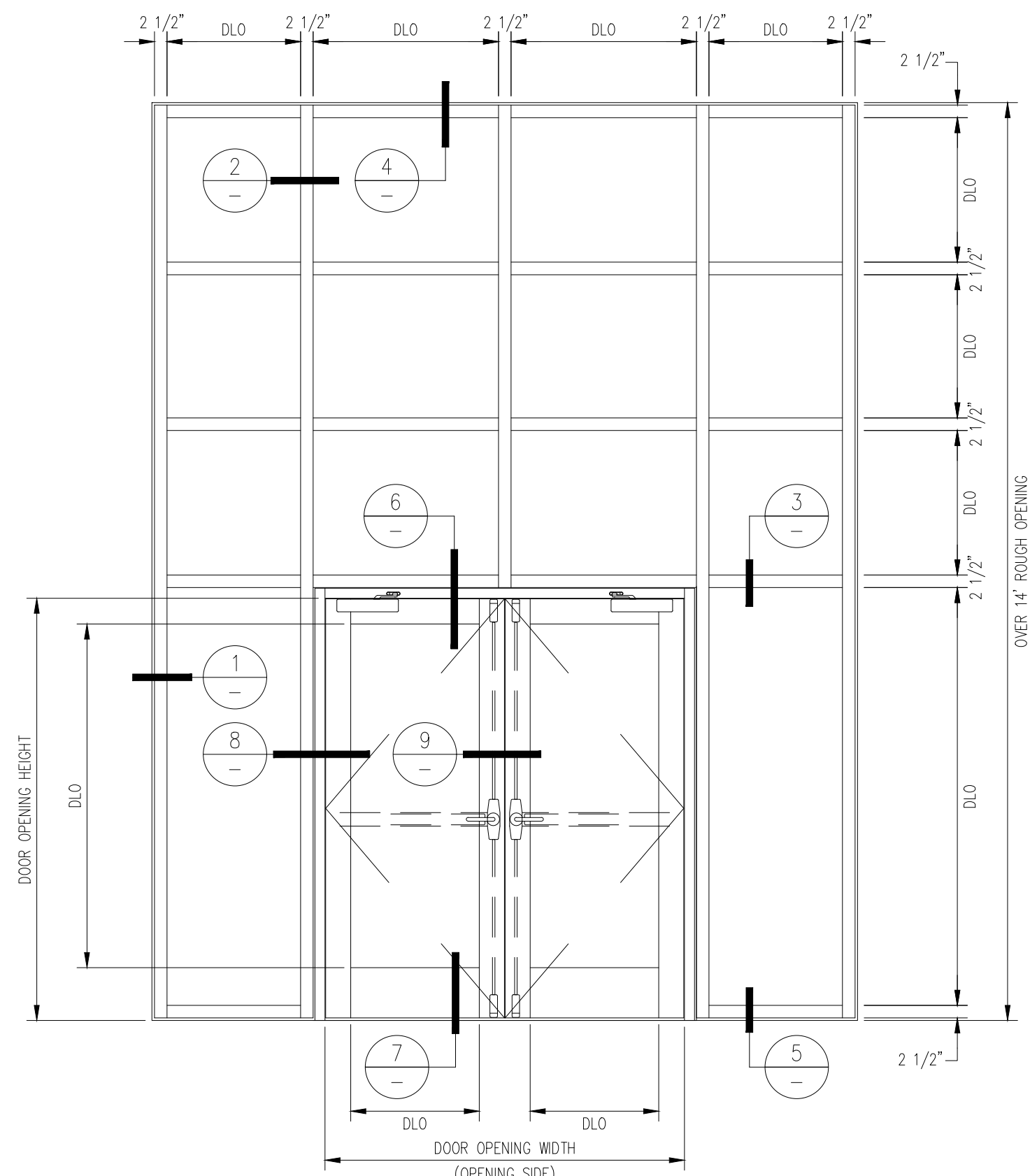
(A) HOLLOW METAL DOOR



- (B) FULL GLASS CONTINENTAL
- > FOR GREATER DURABILITY THEY ARE MANUFACTURED EXTRUDED ALUMINUM
 - > INCLUDES SECURITY HINGES
 - > SINGLE SWING OUT DOORS

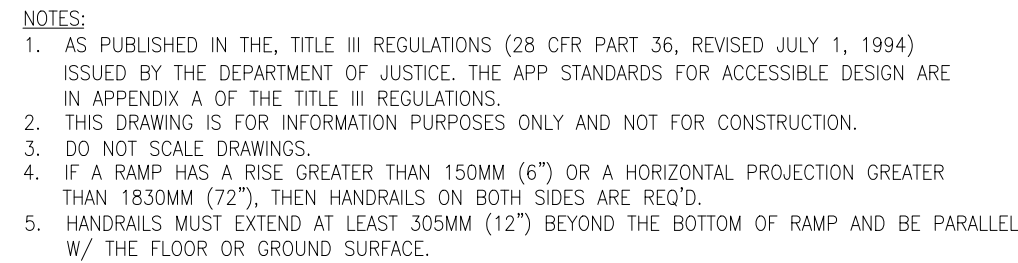


(C) FULL GLASS CURTAIN WALL ENTRANCE SYSTEM

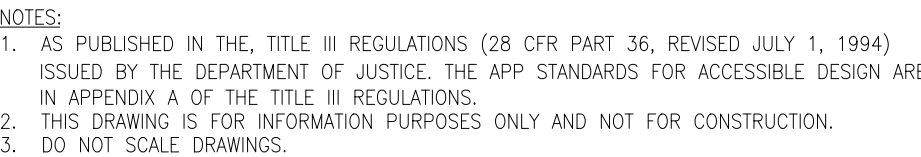


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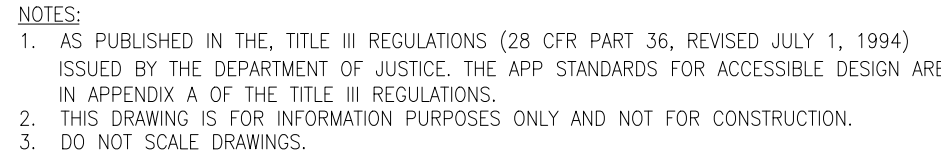
DATE OF EMISSION: 27-JUL-2022		R E V I S I O N S	
REV.	DATE	D E S C R I P T I O N	
PROJECT NUMBER: 01	1	*	
CADD DIRECTORY	2	*	
	3	*	
PLOT SCALE 3/8"=1'-0"	4	*	
CLIENT		CCB DORADO	
			
PROJECT NAME : CENTRO CRISTIANO BETHEL DORADO FACILITIES		DOORS & WINDOWS DETAILS & NOTES	
DRAWING TITLE :			
DRAWING NO.		A-6	



VERTICAL GUARD RAIL



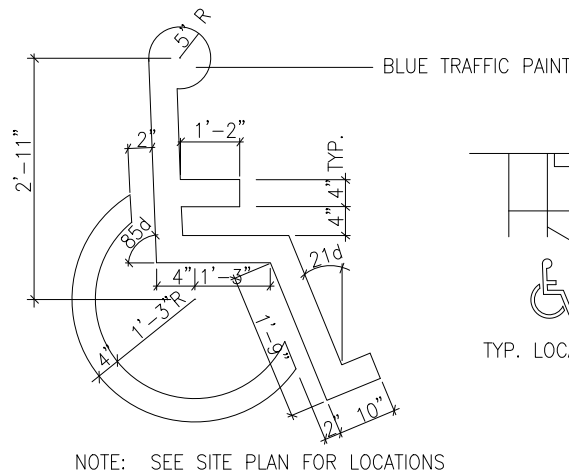
TWO HINGED DOORS IN SERIES



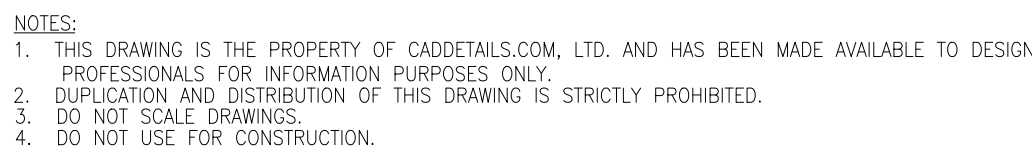
HANDICAPPED PARKING SIGN--DETAIL 1



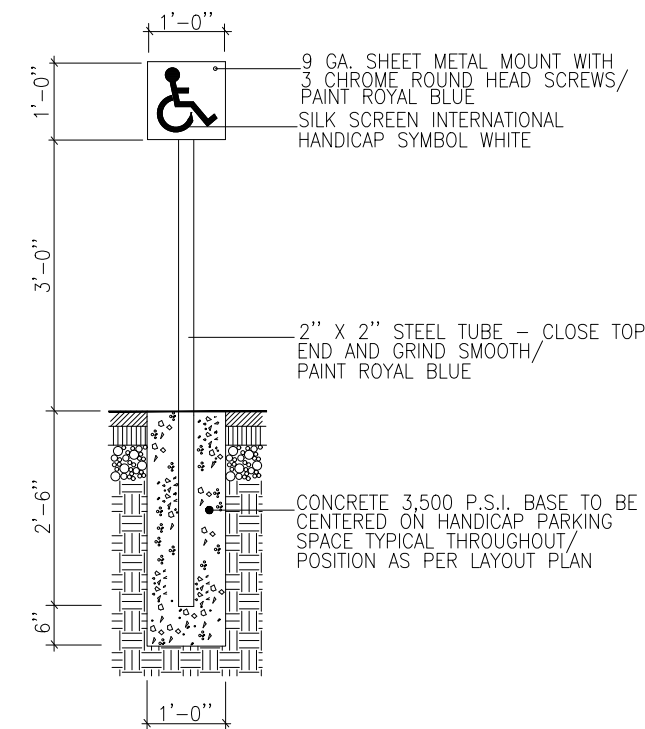
HANDICAPPED PARKING SPACE



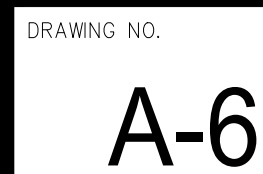
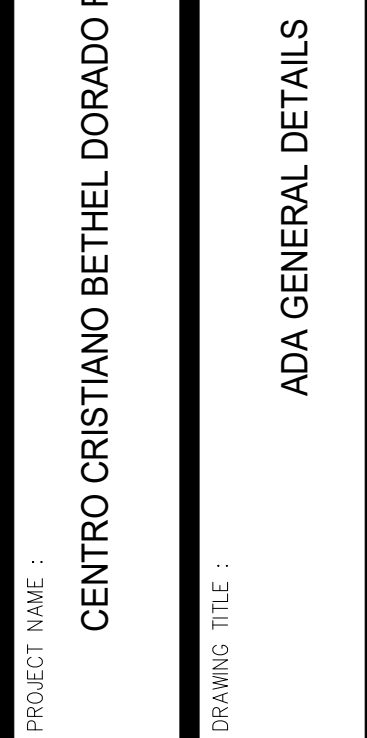
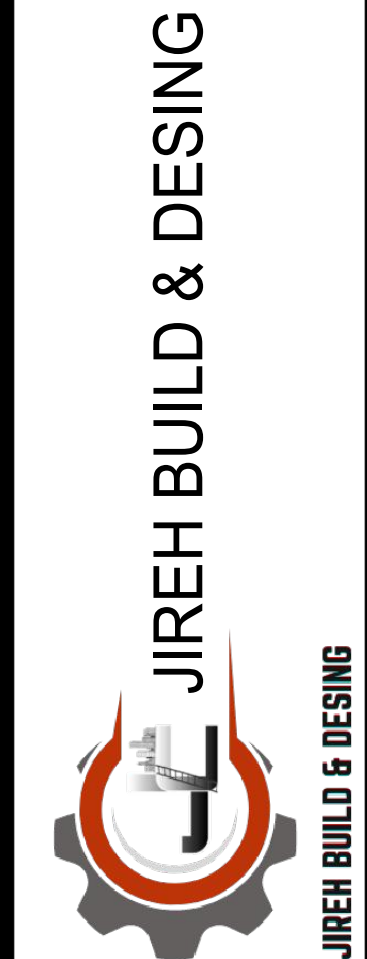
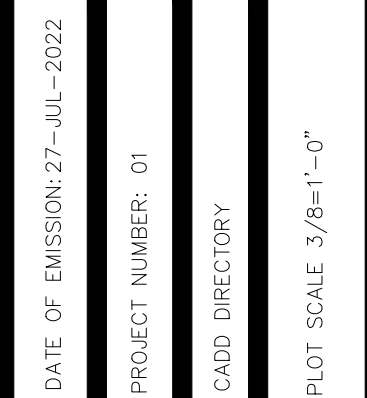
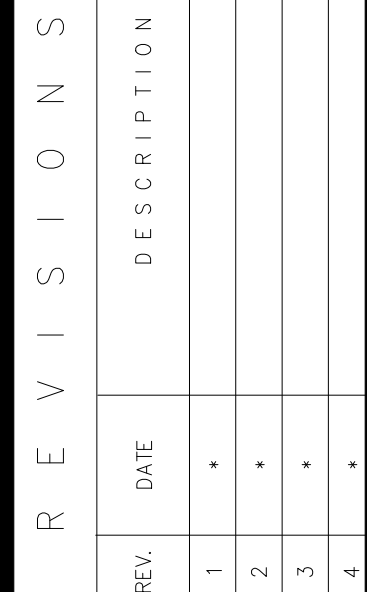
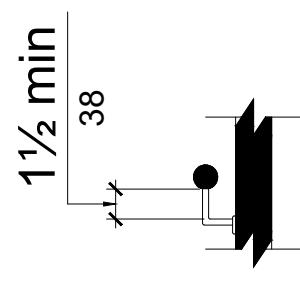
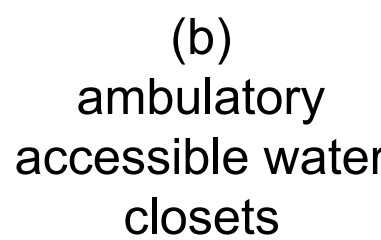
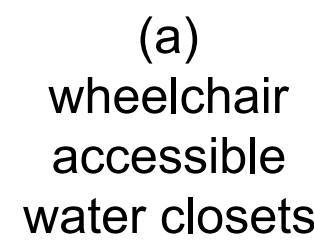
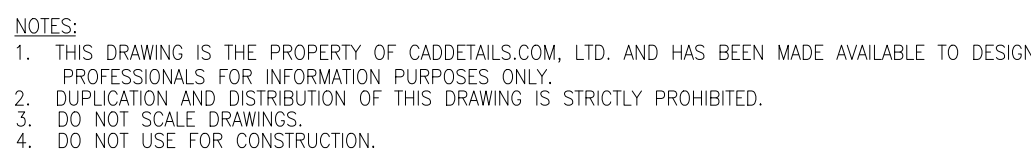
WHEELCHAIR RAMP-PLAN

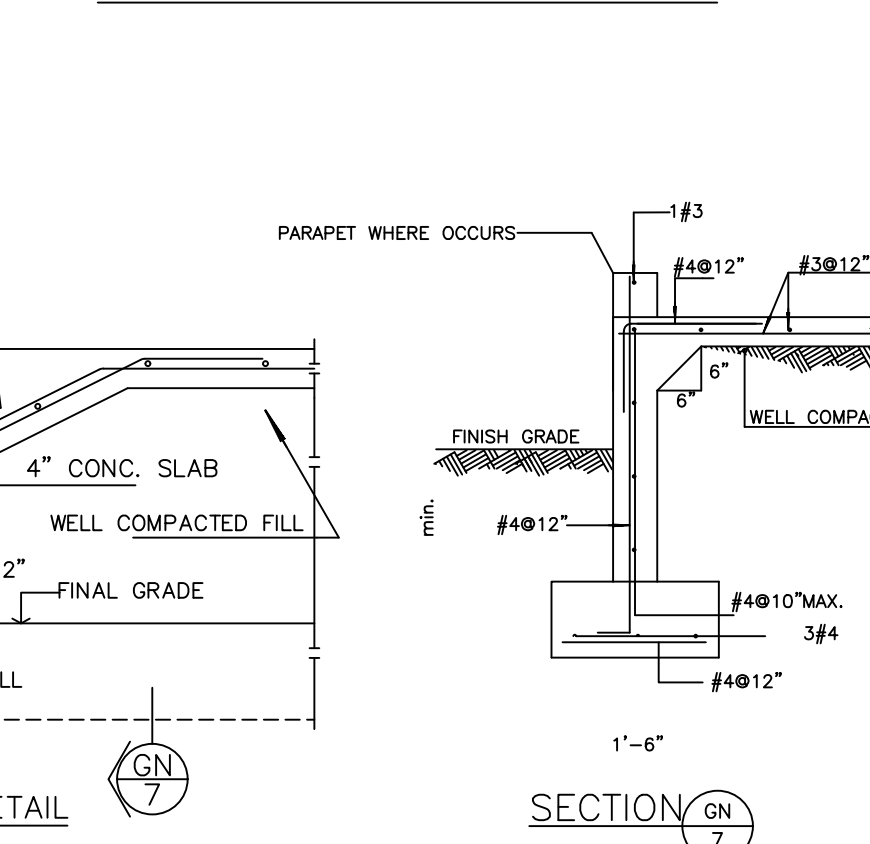
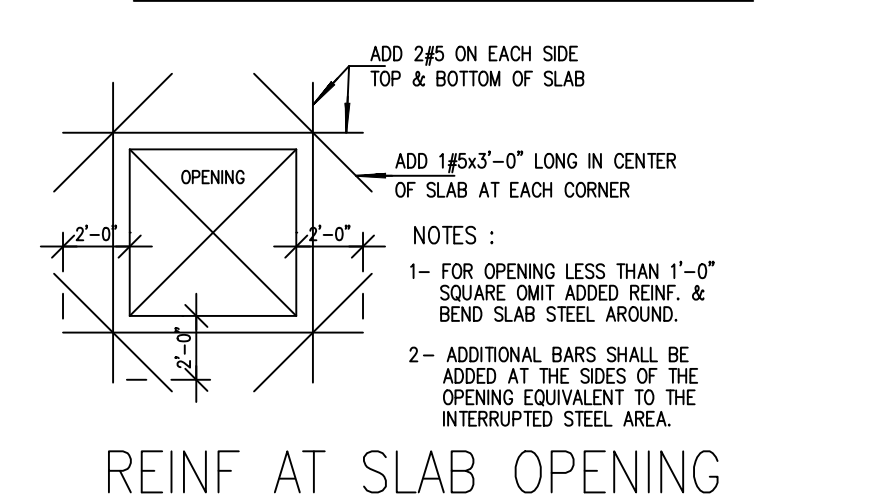
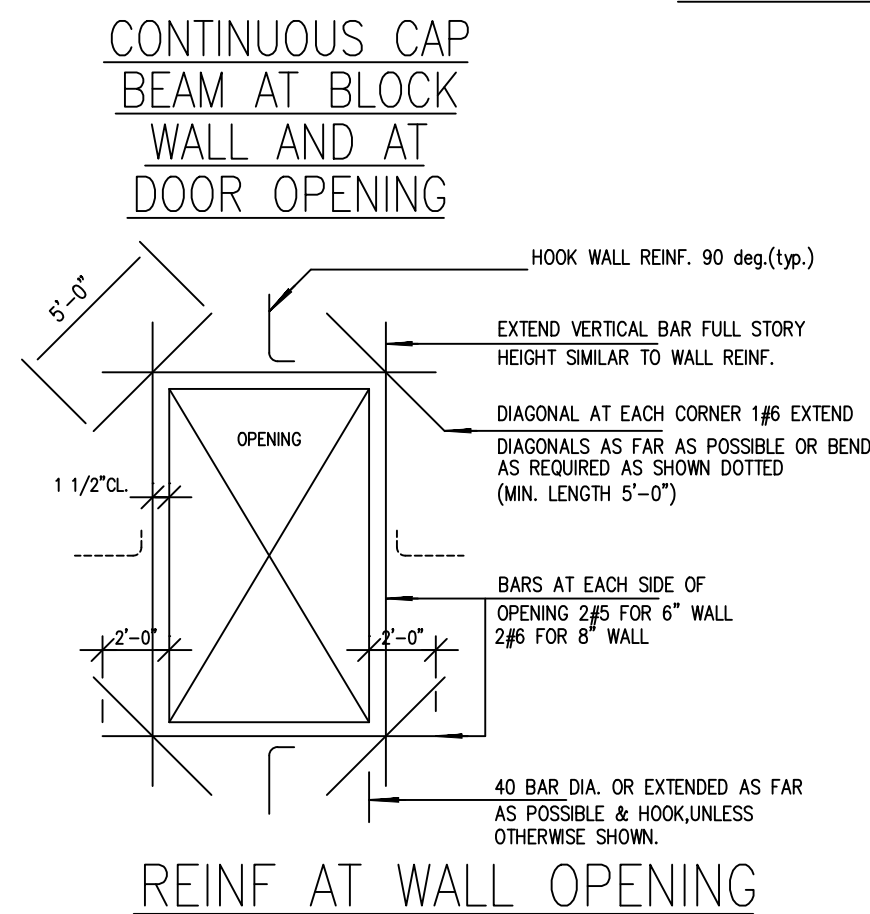
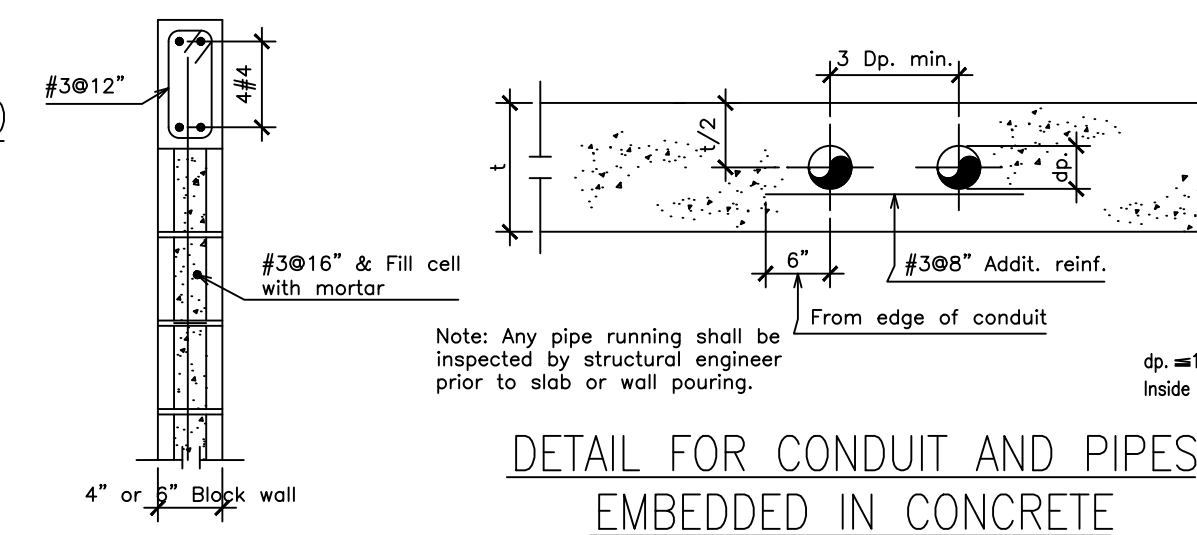
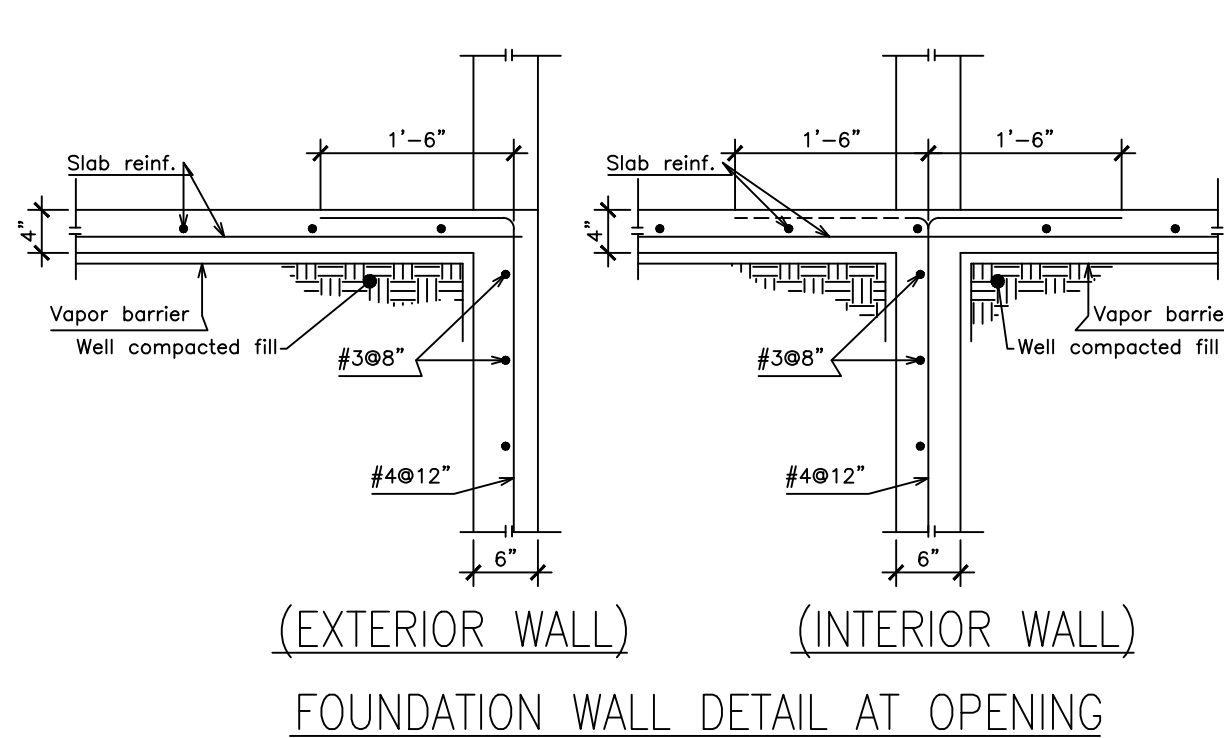
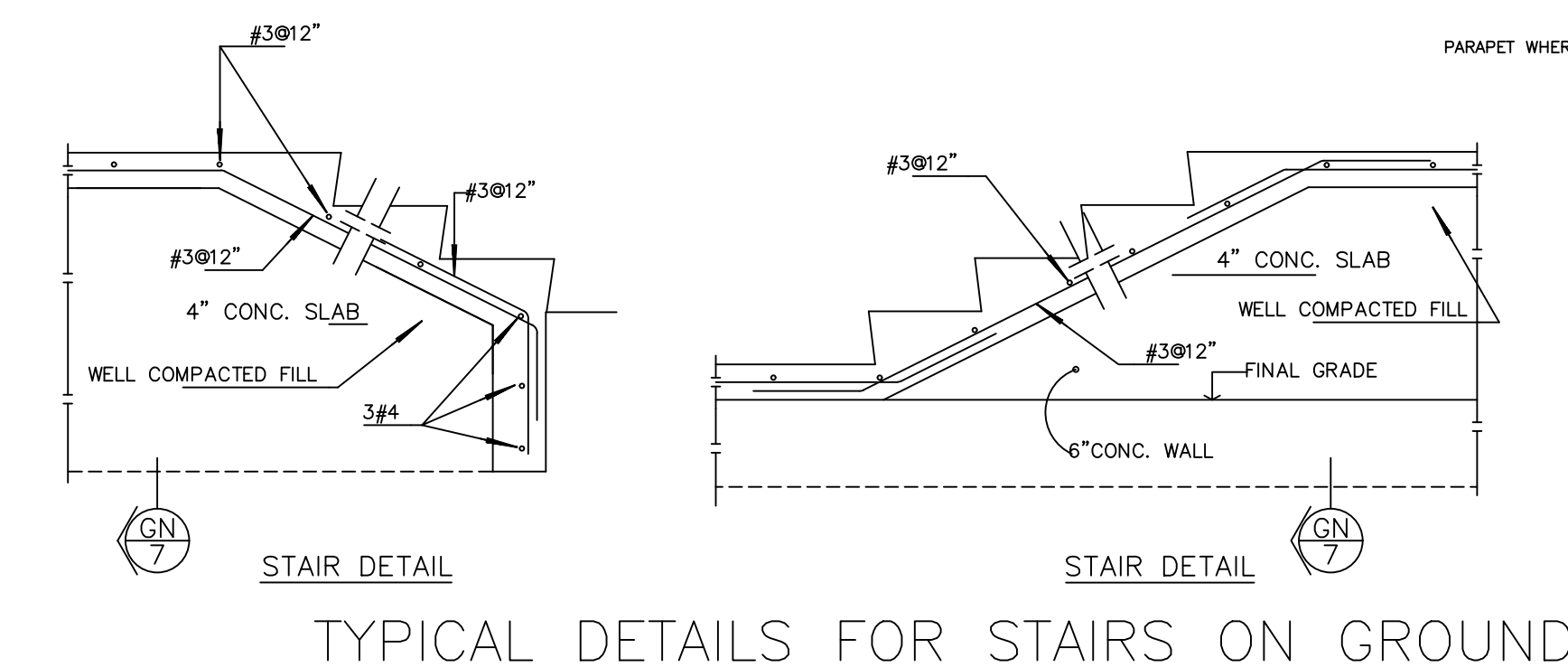
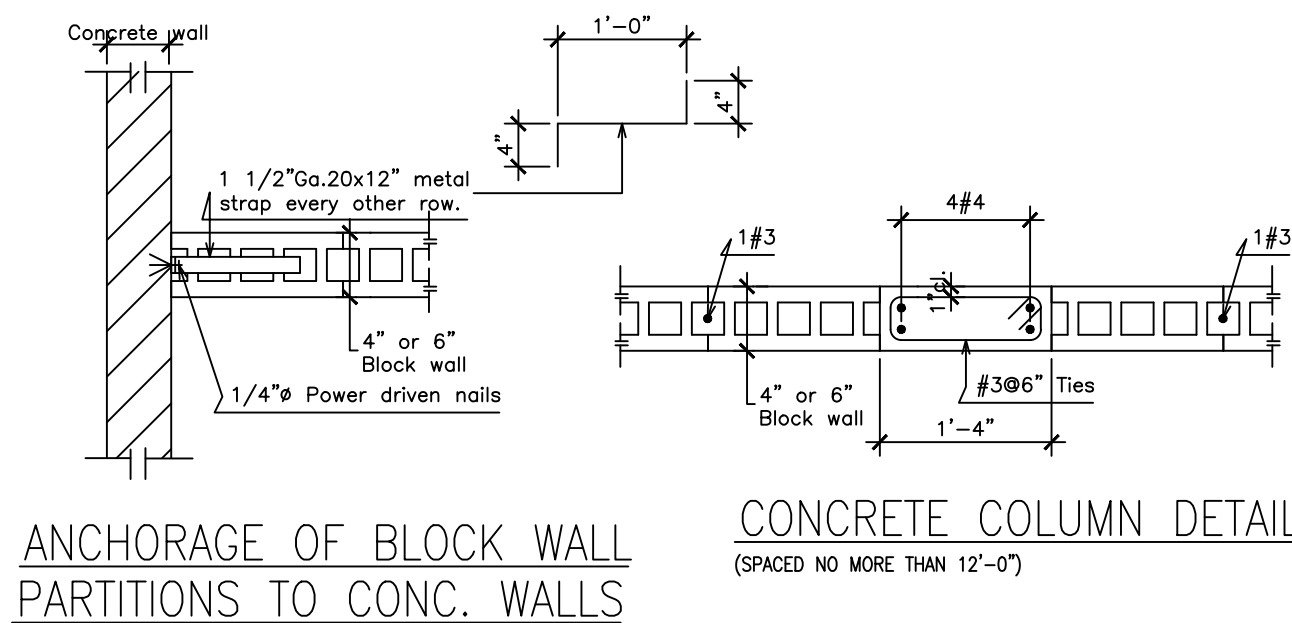
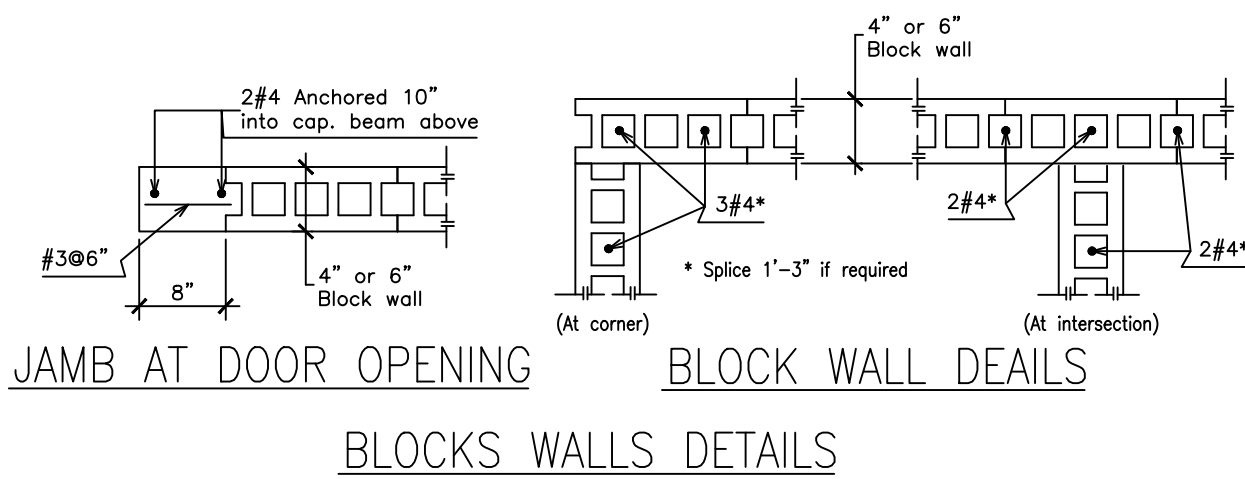
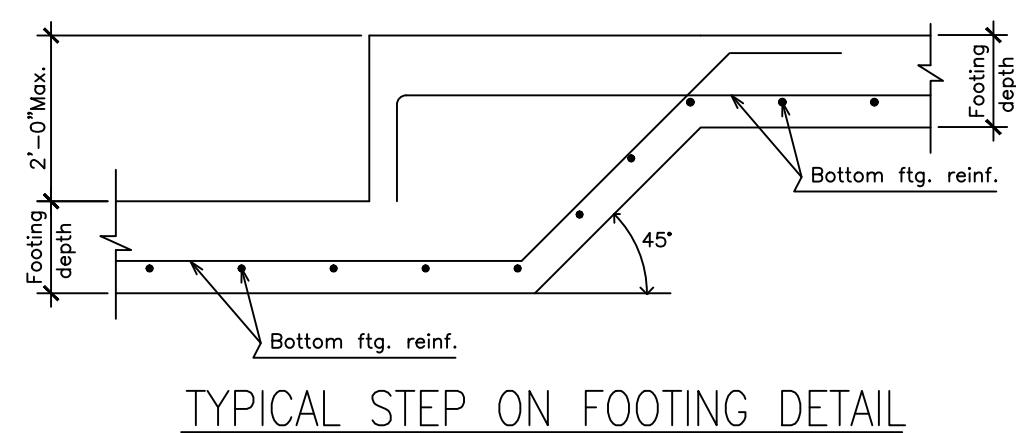
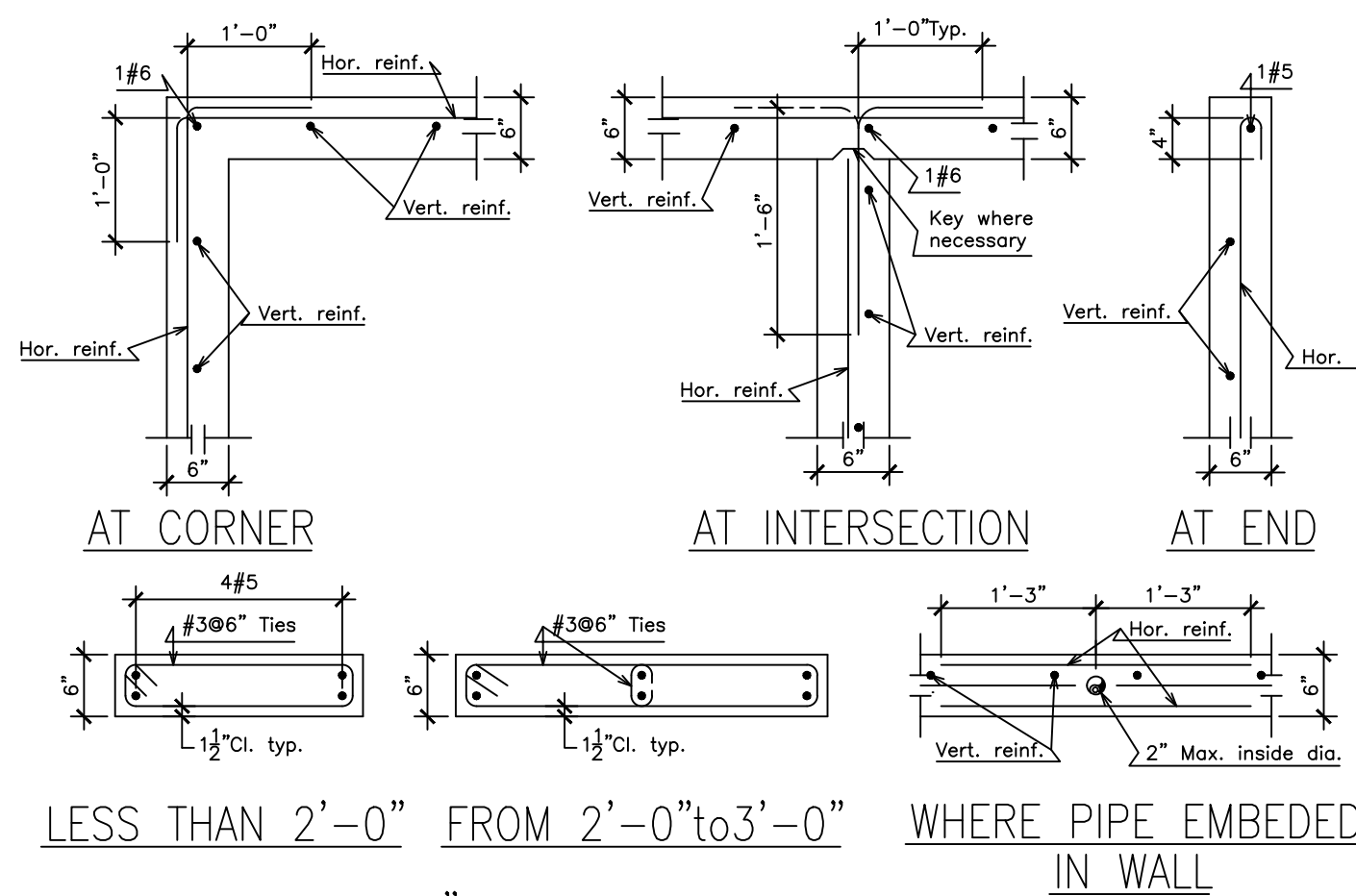


HANDICAPPED SYMBOL FOR PARKING



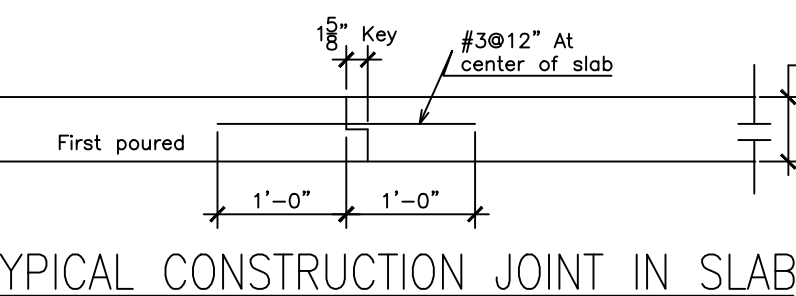
HANDICAPPED PARKING SIGN-DETAIL 2





FOUNDATION NOTES:

- FOOTING HAVE BEEN DESIGNED FOR AN ASSUMED SOIL BEARING PRESSURE OF 2,000 psf WITH A BOTTOM FOOTING ELEVATION AT MINIMUM DEPTH OF 1'-0" BELOW THE FINAL GRADE. NO CONSIDERATION OF DIFFERENTIAL SETTLEMENT OR DISPLACEMENT ARE USED IN THE DESIGN OF THE FOOTINGS.
- TEMPORARY EXCAVATION FOR THE INSTALLATION OF FOOTINGS, PIPES OR OTHER PURPOSES SHALL BE SLOPED OR BRACED IN ACCORDANCE WITH "OSHA" REQUIREMENT AND ANY ADDITIONAL RECOMMENDATION OF THE STRUCTURAL OR GEOTECHNICAL ENGINEERS.
- THE TOP SOIL SUPPORTING ANY EXISTING VEGETATION OF SHRUBS AND GRASSES SHALL BE REMOVED PRIOR TO START ANY FILLING OPERATION.
- OWNER MAY SUBMIT A GEOTECHNICAL ENGINEERING REPORT ON SUBSOIL EXPLORATION TO ENGINEER FOR A FINAL REVISION OF THE DESIGNED FOOTING. FOOTINGS DIMENSIONS MAY VARIES DUE TO THIS REPORT.

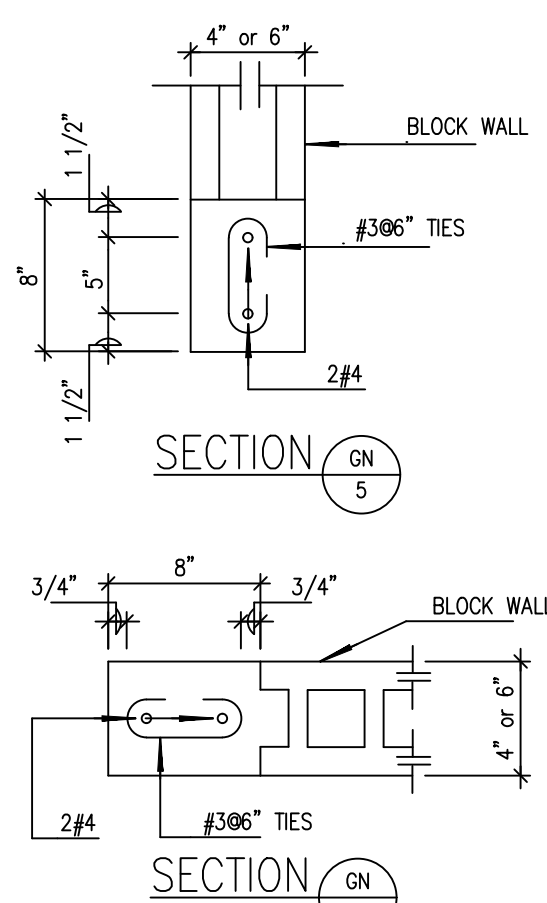
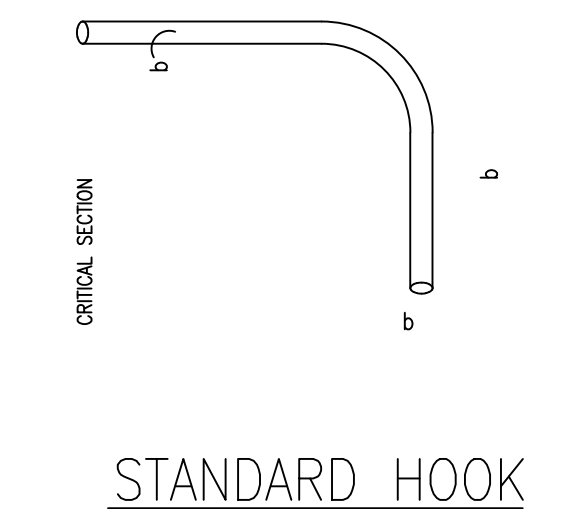


NOTES:

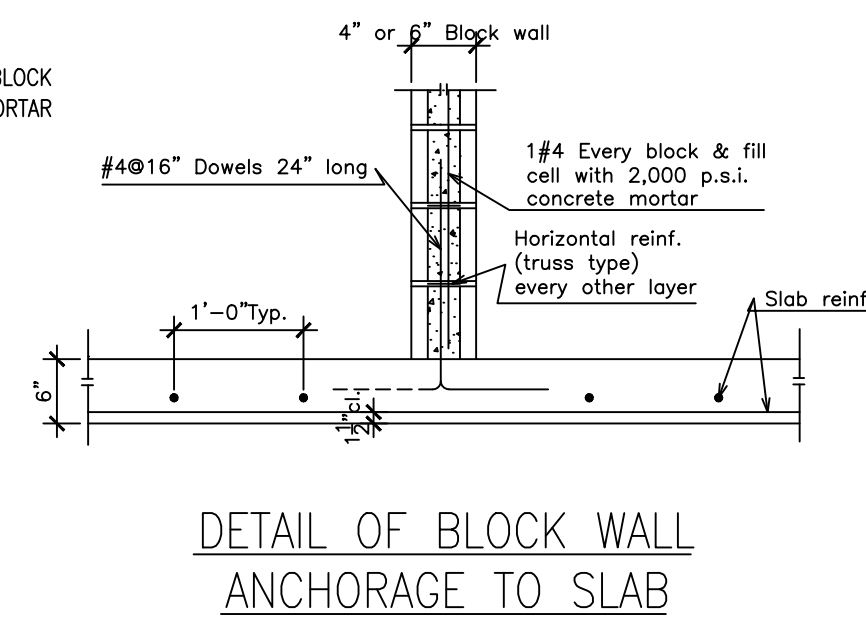
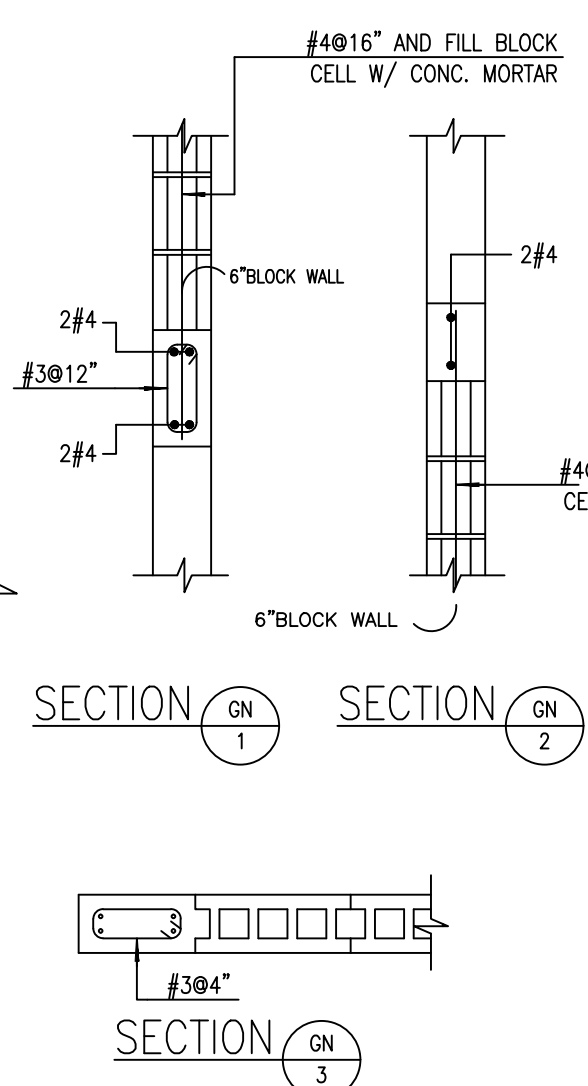
- Prior to pouring concrete against the hardened concrete, the surface shall be clean, free of loose material & intentionally roughened to a full amplitude of 1/4" approx.
- Contractor shall take the necessary precautions in order to completely fill the construction key at beam.

ANCHORAGE LENGTH (ldh)		
BAR SIZE	LENGTH-IN Fc 4,000	LENGTH-IN Fc 5,000
3	12	12
4	12	12
5	12	12
6	15	13
7	18	15
8	20	18
9	22	20
10	24	22
11	28	24

* ldh CAN BE REDUCED 30% IF SIDE COVER OF HOOKED BAR IS NOT LESS THAN 2.5" VERTICAL EXTENSION OF HOOK SHALL BE A MINIMUM OF 12 BAR DIAMETER AS SHOWN BELOW EVEN IF ANCHORAGE LENGTH HAVE BEEN SATISFIED.



TIES & STIRRUPS BENDING DTL.



GENERAL NOTES :

- CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE 2022 EDITION OF THE UNIFORM BUILDING CODE WITH AMENDMENTS.
- UNLESS OTHERWISE SPECIFIED, ALL CONCRETE SHALL DEVELOP THE FOLLOWING COMPRESSIVE STRENGTH AT 28 DAYS.

FOOTINGS AND SLAB ON FILL	4,000 P.S.I.
BEAMS AND SLABS	4,000 P.S.I.
COLUMNS	4,000 P.S.I.
WALLS	4,000 P.S.I.

 MAXIMUM WATER-CEMENT RATIO BY WEIGHT 0.5
- UNLESS OTHERWISE SPECIFIED, ALL REINFORCING BARS SHALL BE BILLED STEEL A.S.T.M. A-615 Fy=60,000 P.S.I. YIELD STRENGTH.
- ALL SLABS AND CORRESPONDINGS BEAMS SHALL BE POURED MONOLITHICALLY, UNLESS OTHERWISE SHOWN.
- ALL BENDING, LAPPING AND PLACING OF REINFORCEMENT SHALL BE DONE IN ACCORDANCE WITH 2022 EDITION OF THE UNIFORM BUILDING CODE WITH AMENDMENTS.
- ALL SLEEVES, CONDUITS INSERTS AND BOLTS SHALL BE IN PLACE BEFORE CONCRETE IS POURED. FOR CONCRETE OPENINGS AND FEATURES NOT SHOWN ON STRUCTURAL DRAWINGS: SEE ARCHITECTURAL DRAWINGS.
- TEMPERATURE REINFORCEMENT SHALL BE PROVIDED IN ALL ONE WAY SLABS NORMAL TO THE PRINCIPAL REINFORCEMENT ACCORDING TO THE 2022 EDITION OF THE UNIFORM BUILDING CODE WITH AMENDMENTS.
- THE CONTRACTOR SHALL TAKE PRECAUTION TO PRODUCE CORRECTLY ALIGNED CONCRETE CONSIDERING, AMONG OTHER THINGS THE ELASTIC DEFORMATION OF THE STRUCTURAL MEMBERS.
- FLOOR SLAB ON FILL SHALL BE 6" THICK. AND REINFORCED WITH #4@12" c.c. BOTH WAYS REINFORCING BARS UNLESS OTHERWISE NOTED.
- FILL UNDER FLOOR SLAB SHALL BE SELECTED APPROVED MATERIAL AS SPECIFIED IN THE SPECIFICATIONS SHALL BE PAID BY THE CONTRACTOR.
- ALL TEST REQUIRED FOR COMPACTION AS WELL AS ALL OTHER CALL FOR IN THE SPECIFICATIONS SHALL BE PAID BY THE CONTRACTOR.
- CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE AS FOLLOWS UNLESS OTHERWISE SHOWN ON PLANS:

SLABS	3/4" CLEAR
BEAMS	1 1/2" CLEAR
FOOTINGS	3" CLEAR
COLUMNS	1 1/2" CLEAR (TO TIES)
6" WALLS	3" AT CENTER
8" WALLS	3/4" CLEAR MIN.
- DESIGN LOADING:

A-ROOF	C-CORRIDORS
1-SUPERIMPOSED DEAD LOAD-----	20 P.S.F.
2-LIVE LOAD-----	40 P.S.F.
3-WIND UPLIFT-----	SEE NOTE #1
NOTE #1: WIND EFFECTS DETERMINED IN ACCORDANCE	
AND OTHER STRUCTURE, 2022 EDITION. BASIC WIND VELOCITY OF 190 MPH.	
B-FLOOR	
1-SUPERIMPOSED DEAD LOAD-----	50 P.S.F.
2-LIVE LOAD-----	40 P.S.F.
- EARTHQUAKE AND WIND DESIGN HAS BEEN DONE AS 2022 EDITION OF THE UNIFORM BUILDING CODE WITH AMENDMENTS.

1- NUMBER OF SECTION	
2- NUMBER OF STRUC. PAGE WHERE SECTION IS DRAWN.	
- REINFORCED CONCRETE DESIGN IS ACCORDING TO THE ULTIMATE STRENGTH DESIGN THEORY FOLLOWING THE 2022 EDITION OF THE UNIFORM BUILDING CODE WITH AMENDMENTS AND THE CONCRETE SHALL BE MANUFACTURED ACCORDINGLY.
- UNLESS OTHERWISE SPECIFIED, STRUCTURAL STEEL SHALL CONFORM TO A.S.T.M. SPECIFICATIONS, DESIGNATION A-36, LATEST EDITION. ALL STEEL TUBING A500 GRADE B Fy=46 KSI
- MANUFACTURED OR FABRICATED STRUCTURAL STEEL OR CONCRETE ITEMS SHALL BE ERECTED IN STRICT ACCORDANCE WITH OWNER APPROVED SHOP AND ERECTION DRAWINGS FOLLOWING THE DETAILS SHOWN IN PLANS.
- WELDING SHALL BE DONE IN ACCORDANCE WITH SPECIFICATIONS OF THE AMERICAN WELDING SOCIETY USING E-70XX ELECTRODES.
- DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE 2022 EDITION OF THE UNIFORM BUILDING CODE WITH AMENDMENTS.
- CONNECTION OF MEMBERS NOT DETAILED IN THIS DRAWINGS TO BE SHOWN BY THE CONTRACTOR IN THE SHOP DRAWINGS FOR FINAL APPROVAL OF THE ENGINEER. CONNECTION TO SATISFY THE SHEAR CAPACITY OF THE MEMBER.
- ALL TEST REQUIRED FOR CONCRETE CYLINDER AS WELL AS ALL OTHER TEST CALL FOR IN SPECIFICATIONS SHALL BE PAID BY THE CONTRACTOR.
- CAMBER INDICATED IN PLANS, IF ANY, IS ADDITIONAL TO ANY CONSTRUCTION CAMBER REQUIRED.
- ALL WINDOWS AND DOORS AND ITS CONNECTION TO THE STRUCTURE SHALL BE CAPABLE TO RESIST A MINIMUM WIND PRESSURE OF 30psf.

REVISIONS

REV	DATE	DESCRIPTION
1	*	*
2	*	*
3	*	*
4	*	*

DATE OF EMISSION: PROJECT NUMBER: 03 CAD DIRECTORY: PLOT SCALE: AS

CLIENT

CCB DORADO

JIREH BUILD & DESING

JIREH BUILD & DESING

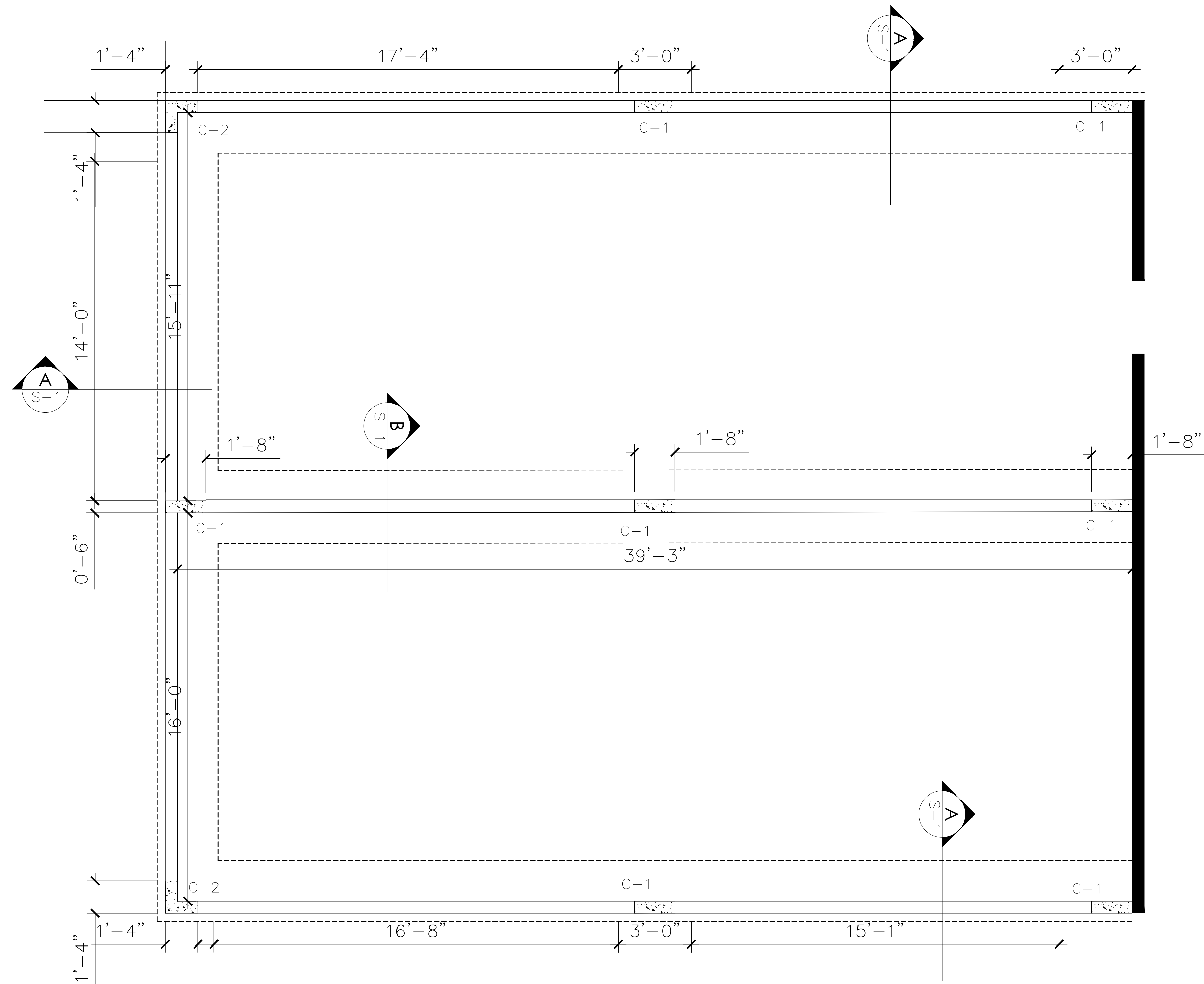
STRUCTURAL GENERAL DETAILS

PROJECT NAME : CENTRO CRISTIANO BETHEL DORADO FACILITIES

DRAWING TITLE : STRUCTURAL GENERAL DETAILS

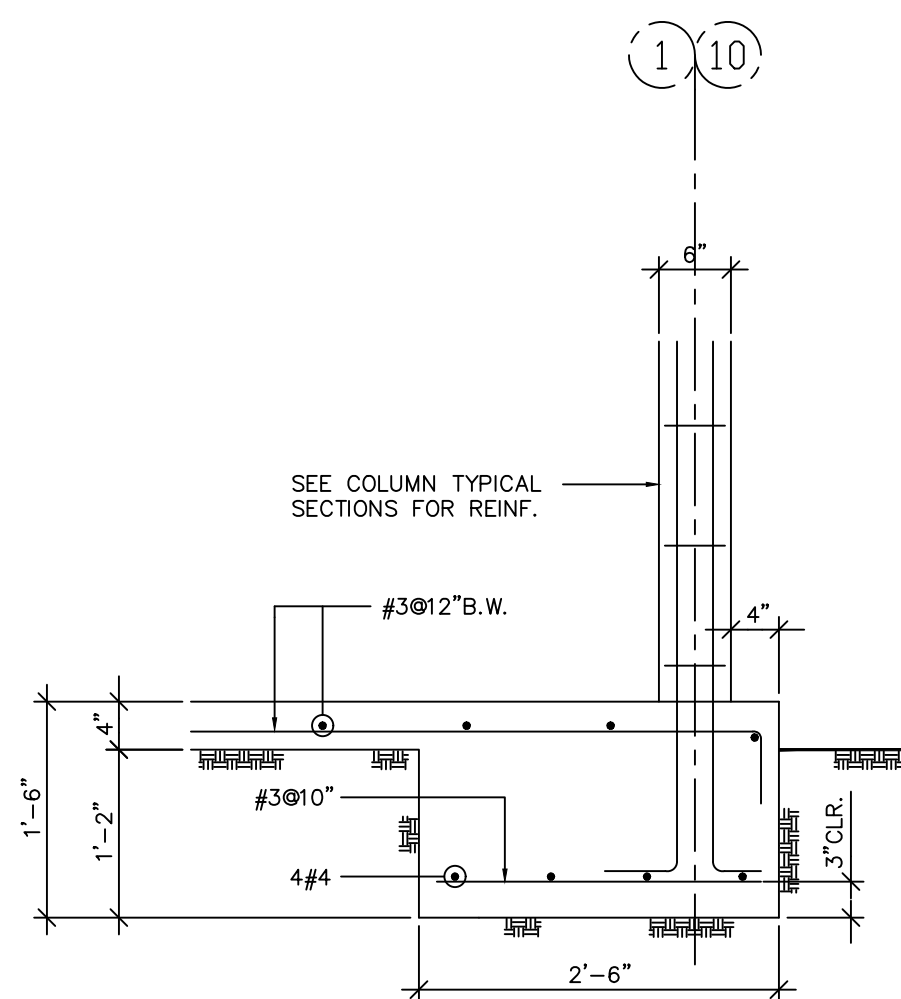
DRAWING NO. S-0

For Review
05/11/2023 12:39:06 AM



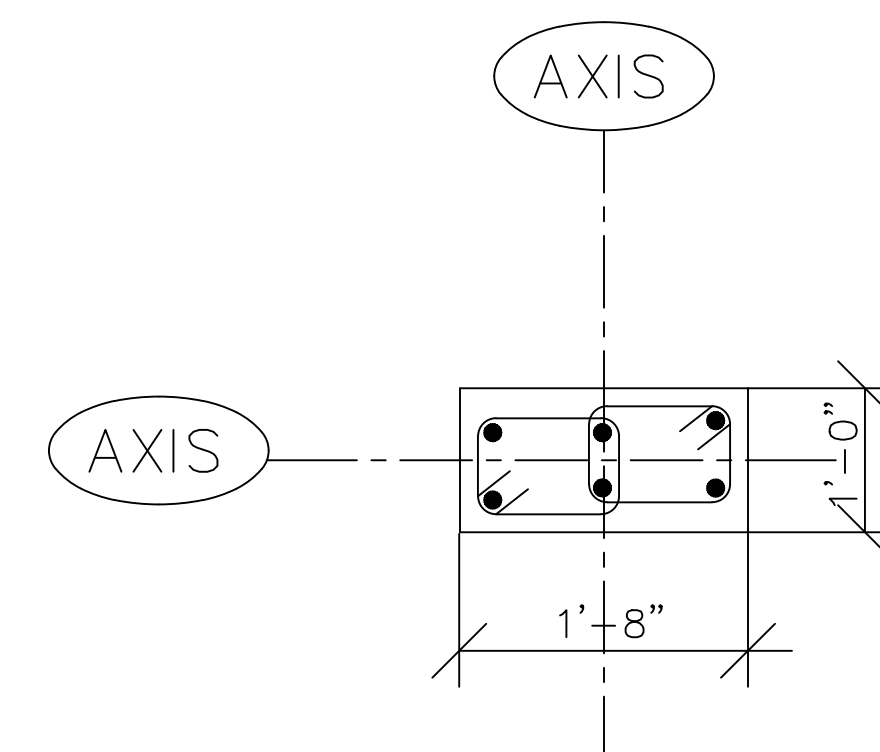
PREACHER'S ROOM FOUNDATION PLAN

ESC. 3/32"=1'-0"



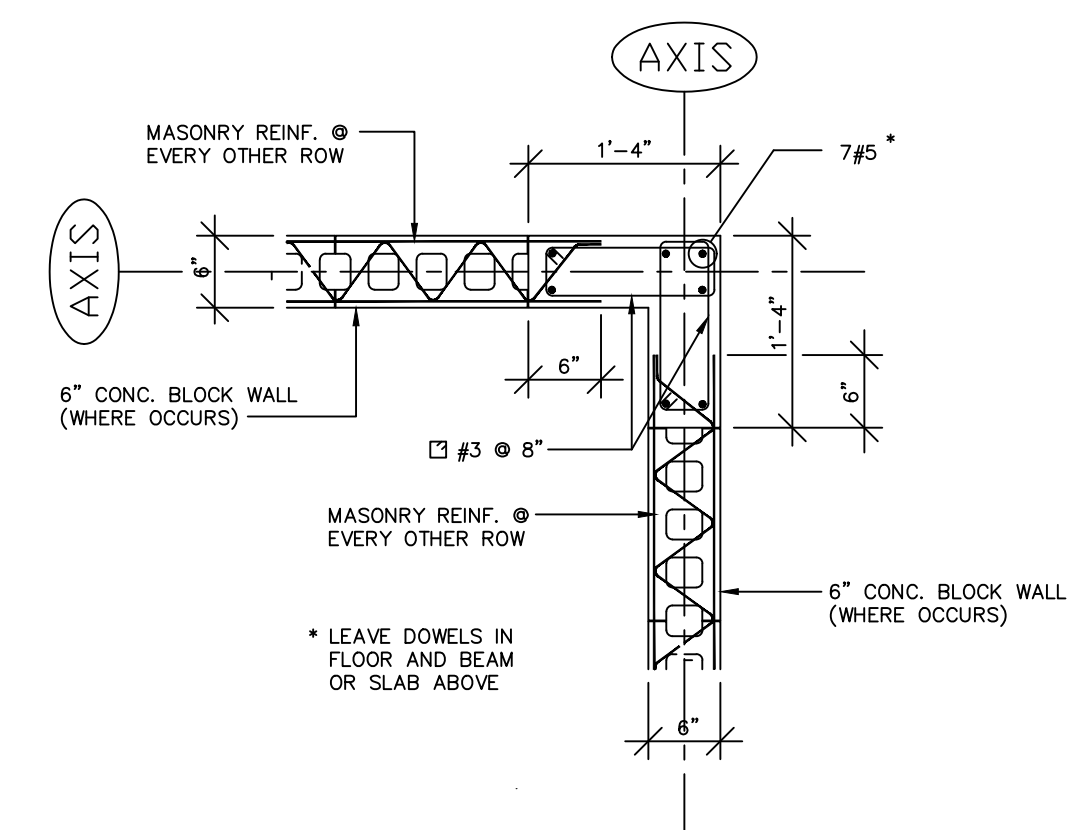
SECTION

SCALE : 3/4"=1'-0"



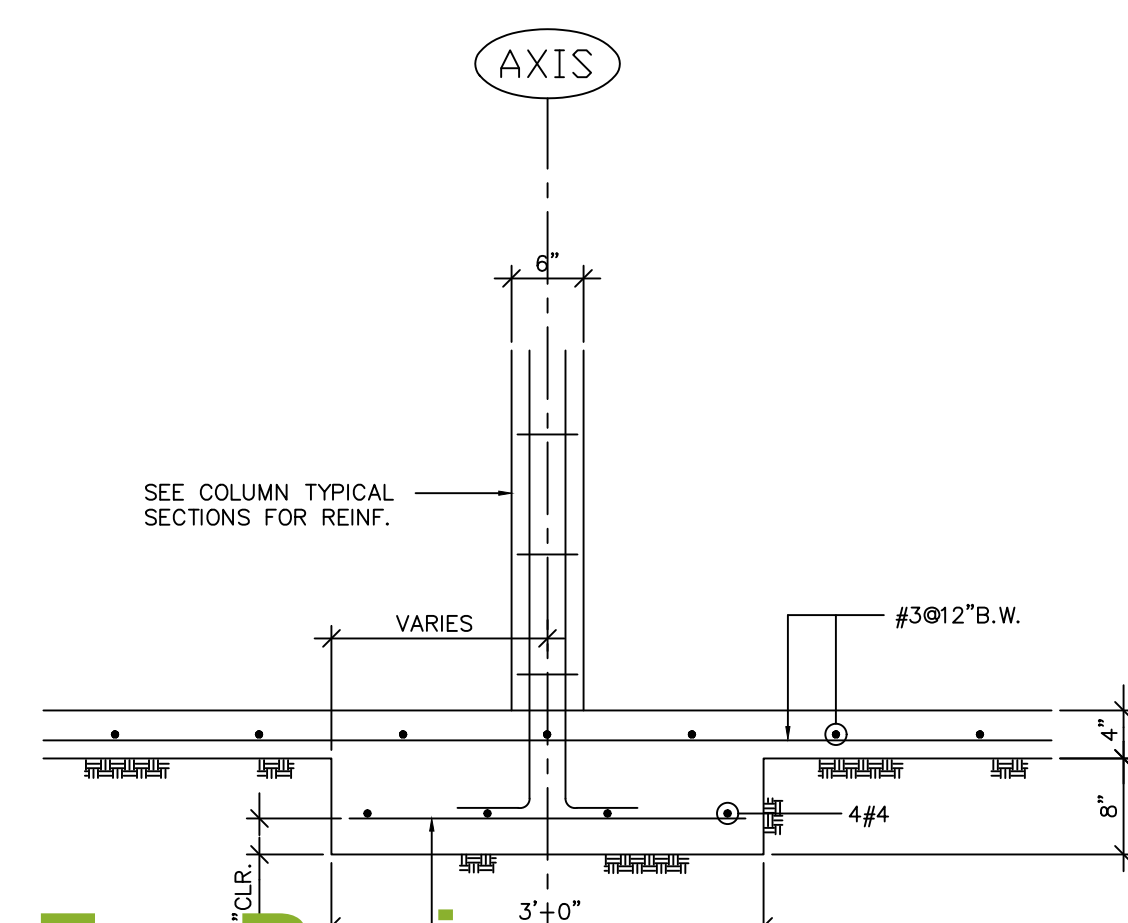
TYPICAL COLUMN DETAILS

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



SECTION

SCALE : 3/4"=1'-0"



SECTION

SCALE : 3/4"=1'-0"

REVISIONS

REV	DATE	DESCRIPTION
1	*	
2	*	
3	*	
4	*	

DATE OF EMISSION:

PROJECT NUMBER: 03

CADD DIRECTORY

PLOT SCALE: AS

CCB DORADO

CLIENT

JIREH BUILD & DESING



PROJECT NAME : CENTRO CRISTIANO BETHEL DORADO FACILITIES

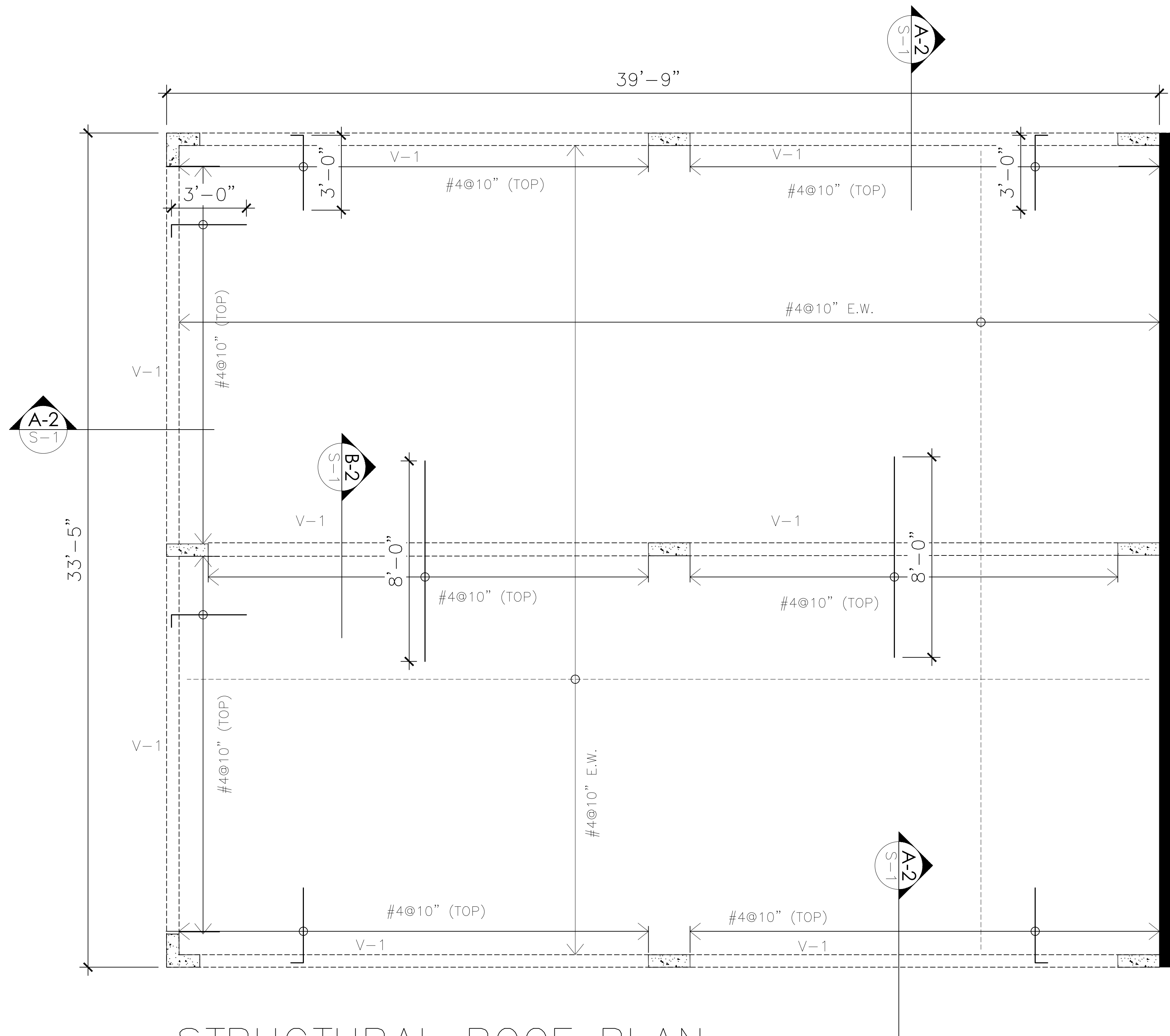
DRAWING TITLE :

PREACHER'S ROOM FOUNDATION PLAN

DRAWING NO.

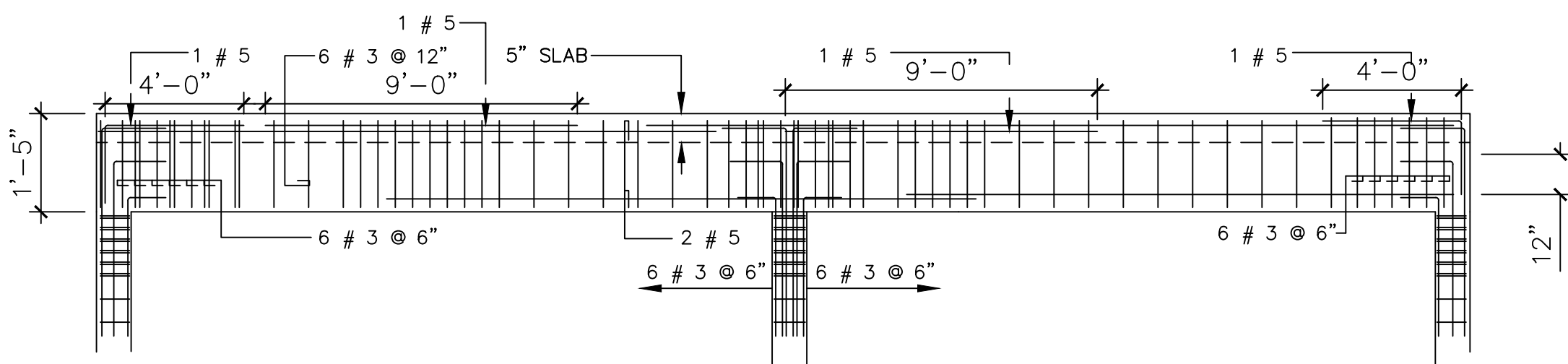
S-1

For Review
05/11/2023 12:39:06 AM



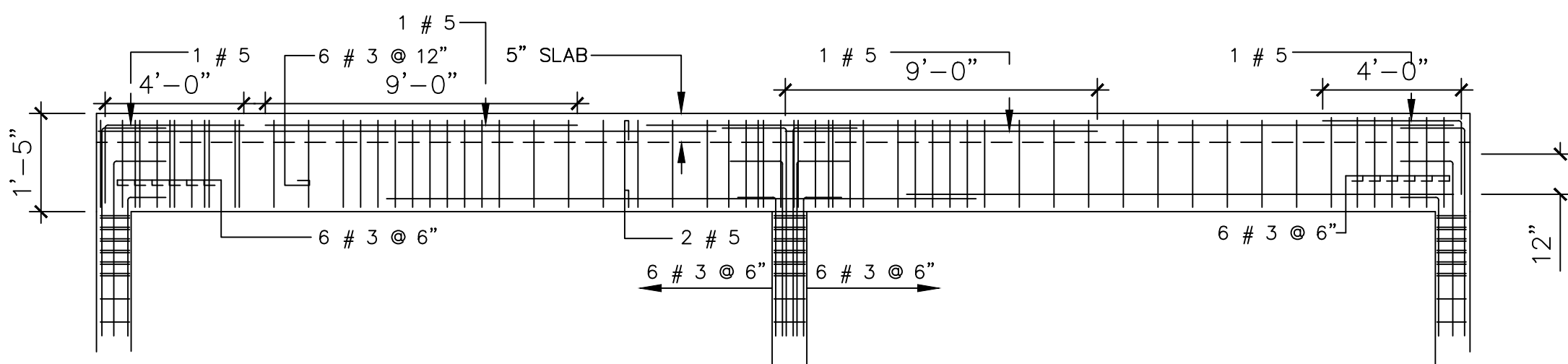
STRUCTURAL ROOF PLAN

ESC. 3/8"=1'-0"



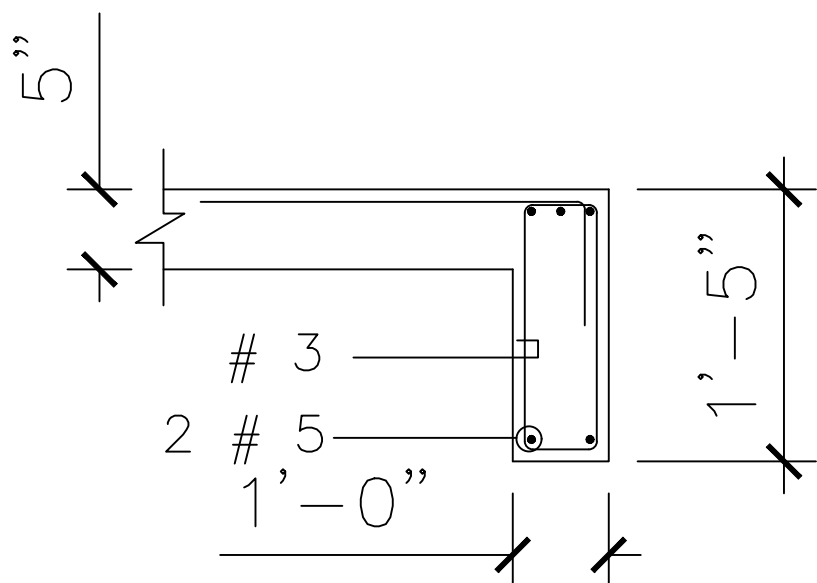
DETAIL OF BEAM AT AXIS -A-

SCALE: 1/4"=1'-0" (HORIZONTAL)
SCALE: 1/2"=1'-0" (VERTICAL)



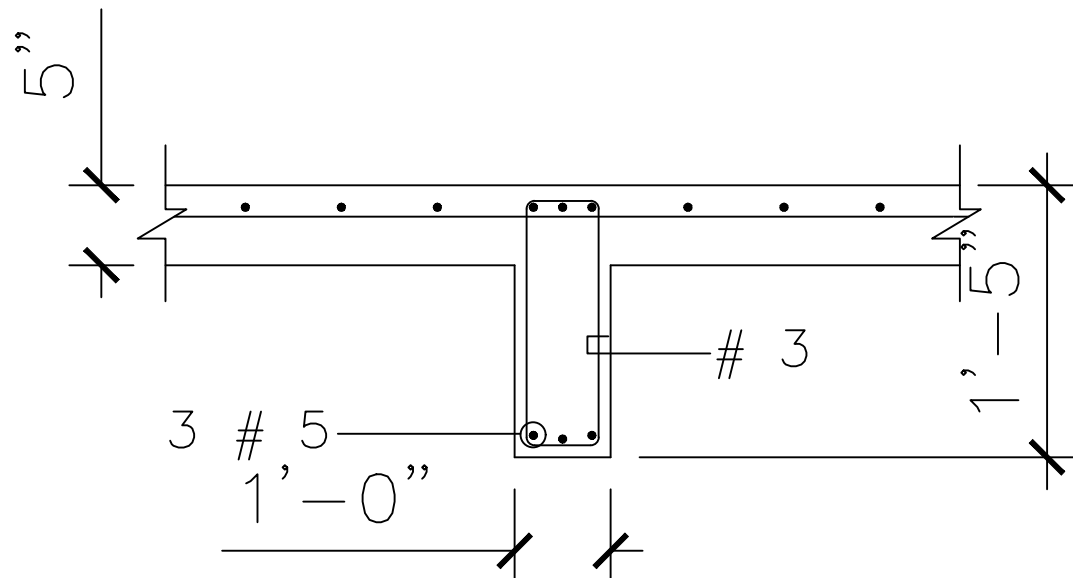
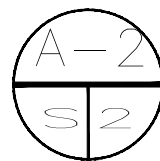
DETAIL OF BEAM AT AXIS -B-

SCALE: 1/4"=1'-0" (HORIZONTAL)
SCALE: 1/2"=1'-0" (VERTICAL)



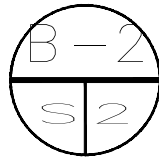
SECTION

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



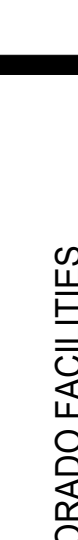
SECTION

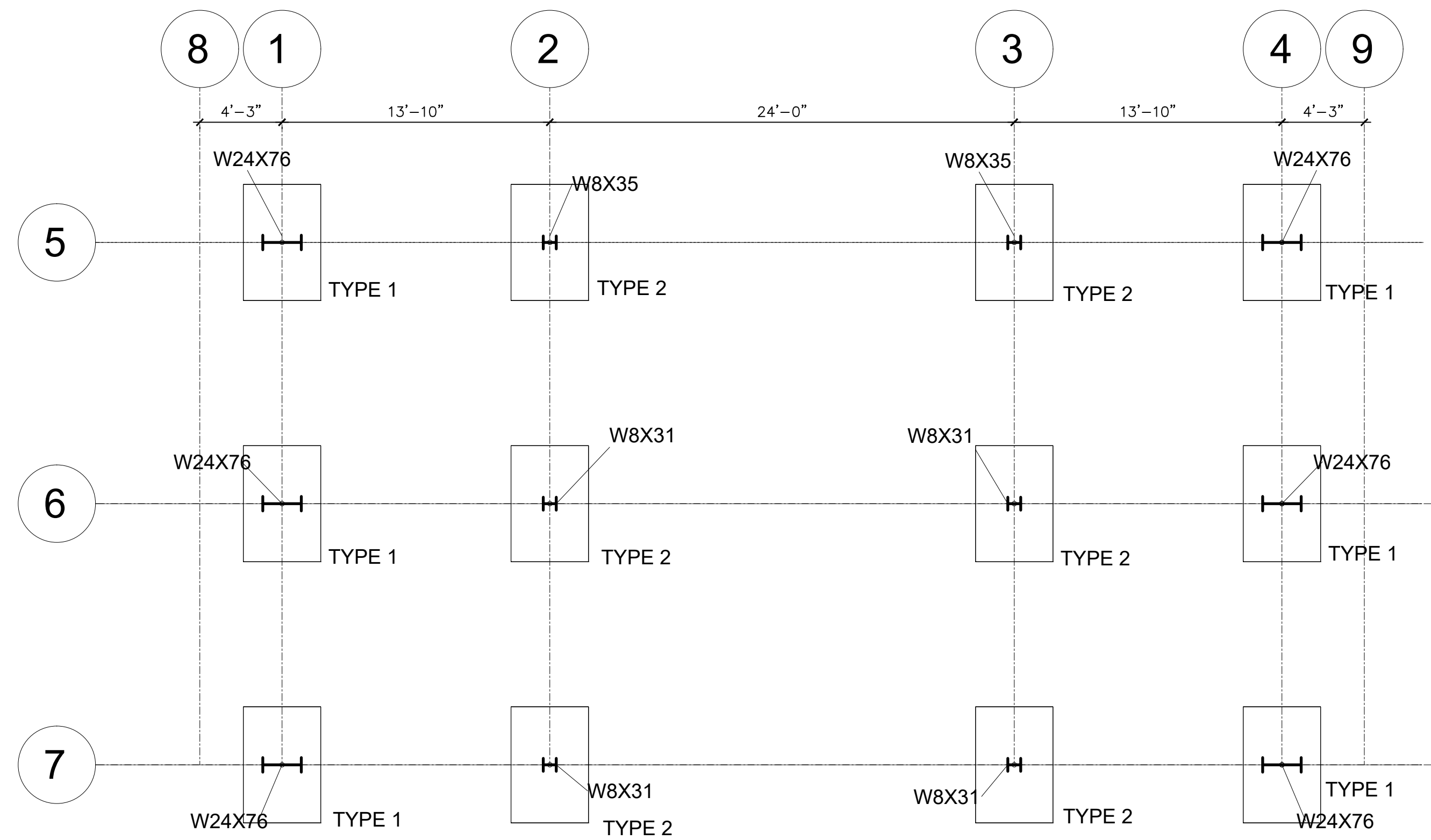
SCALE : 1/2"=1'-0"



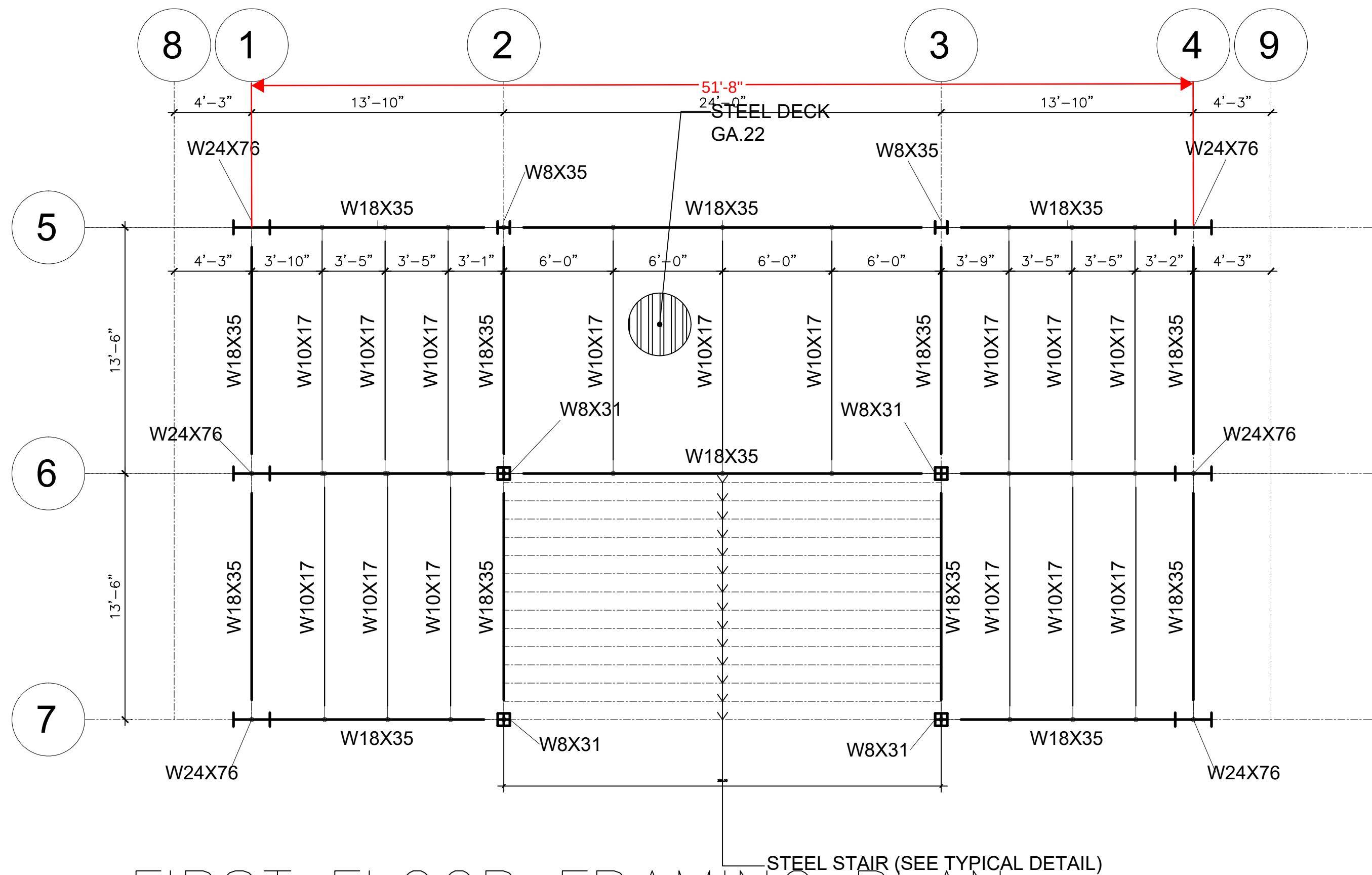
For Review

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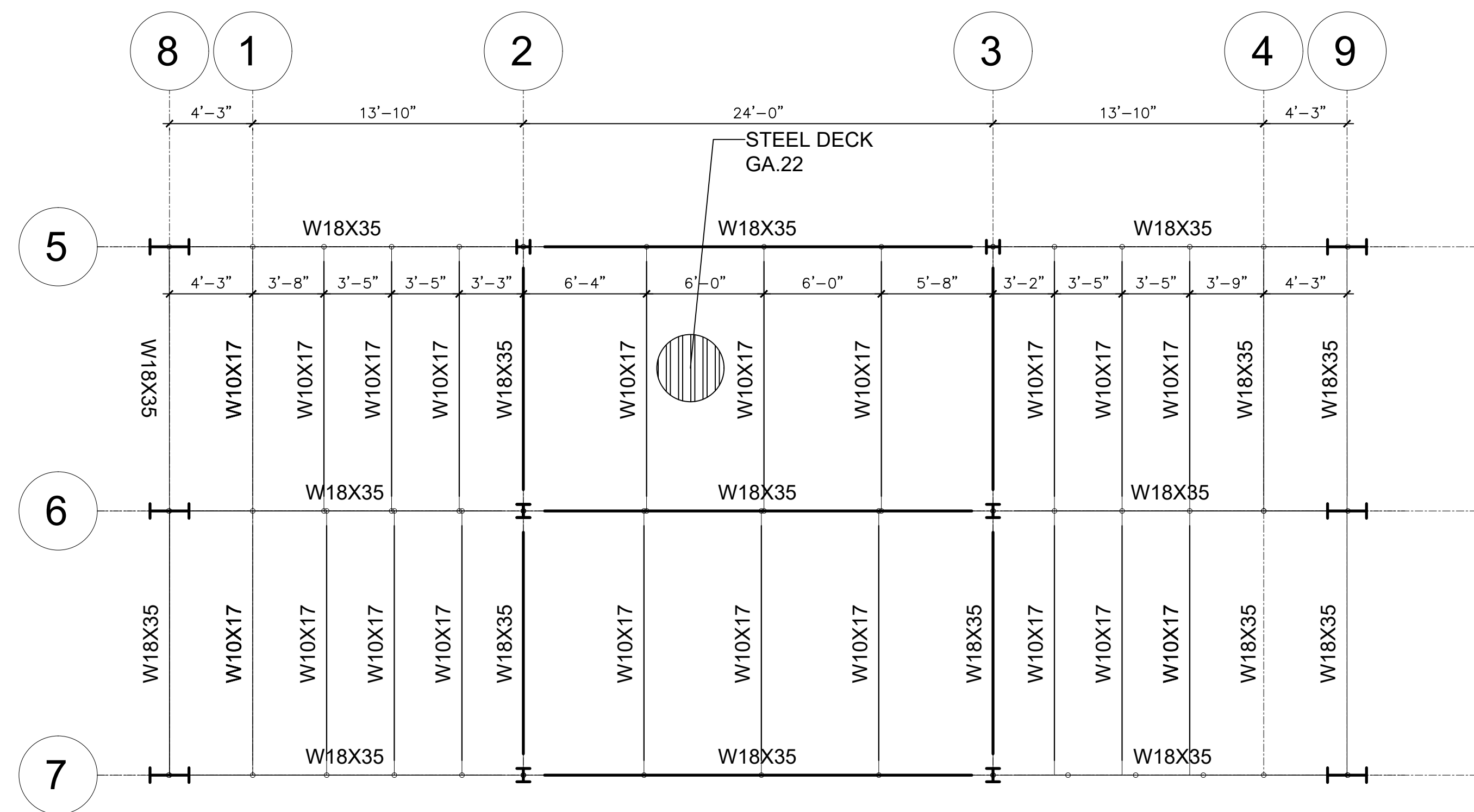
 JIREH BUILD & DESING JIREH BUILD & DESING CCB DORADO		CLIENT		DATE OF EMISSION:		PROJECT NUMBER: 03		REV.		DATE		DESCRIPTION	
								1		*			
								2		*			
								3		*			
								4		*			
DRAWING NO.		PROJECT NAME :		CENTRO CRISTIANO BETHEL DORADO FACILITIES		DRAWING TITLE :		PREACHER'S ROOM ROOF STRUCTURAL PLAN					
S-2													



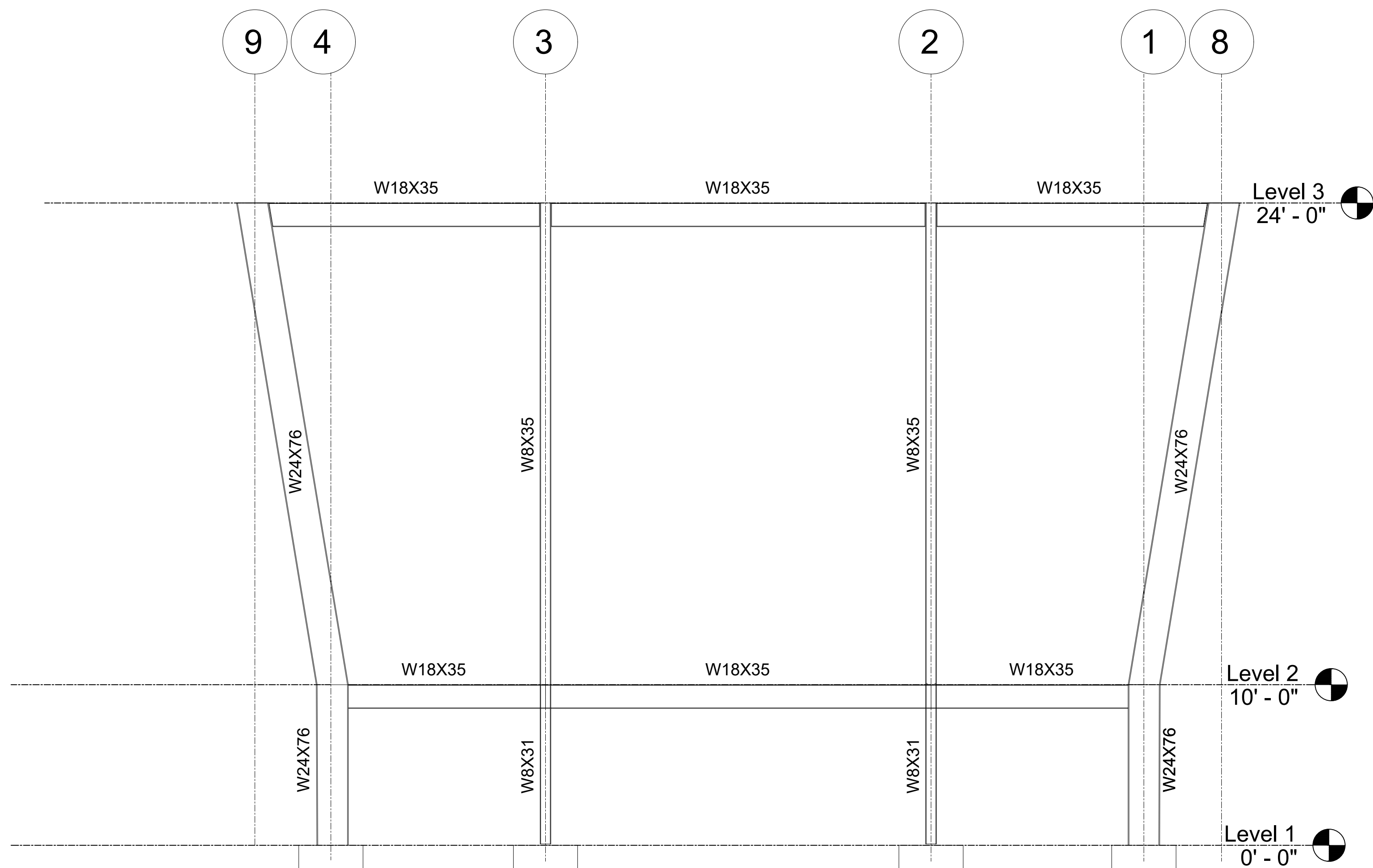
FOUNDATION PLAN
ESC. 1/8"=1'-0"



FIRST FLOOR FRAMING PLAN
ESC. 1/8"=1'-0"



ROOF FRAMING PLAN
ESC. 1/8"=1'-0"



FRAMING FRONT ELEVATION
ESC. 1/8"=1'-0"

REVISIONS		DATE	DESCRIPTION
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4			

DATE OF EMISSION:	PROJECT NUMBER: 03	CADD DIRECTORY:	PLOT SCALE: AS

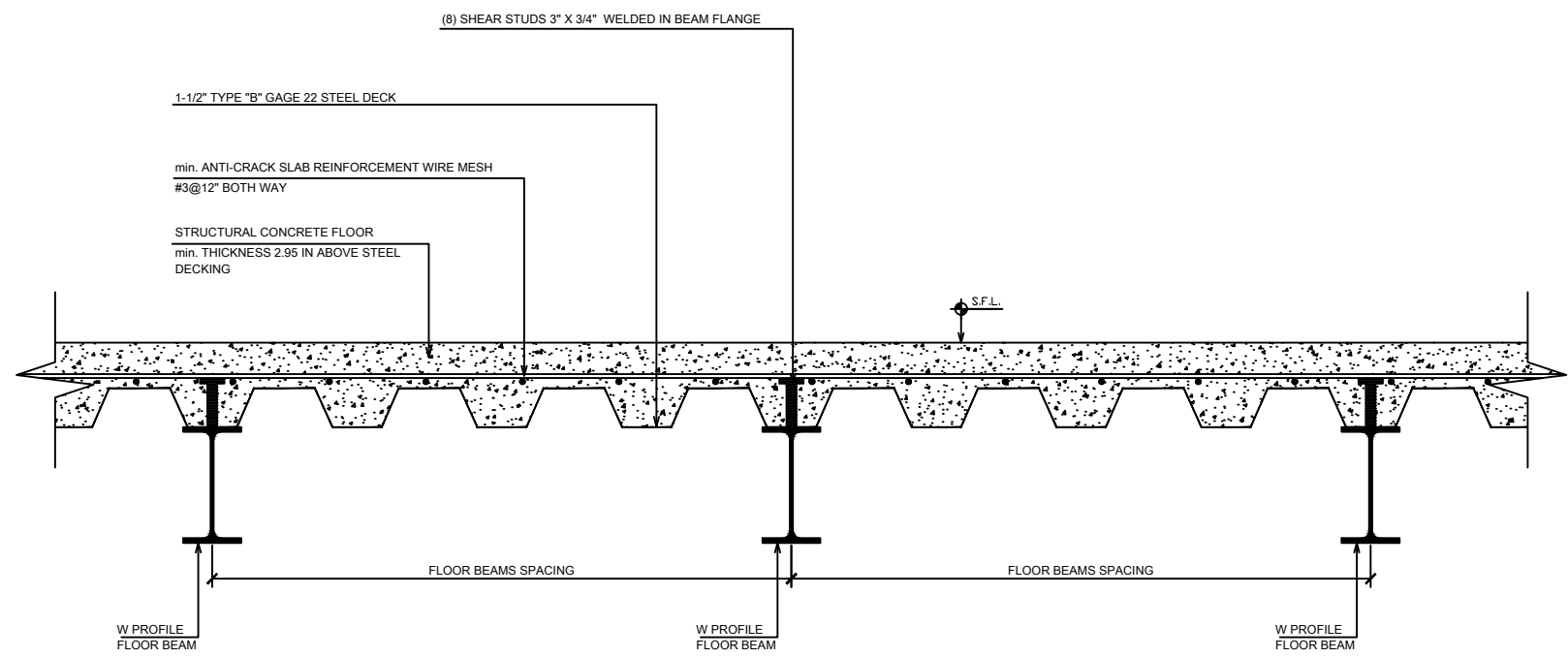
CLIENT	CCB DORADO

JIREH BUILD & DESING
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JIREH BUILD & DESING

PROJECT NAME :	CENTRO CRISTIANO BETHEL DORADO FACILITIES
DRAWING TITLE :	NEW ENTRANCE STRUCTURAL DETAILS

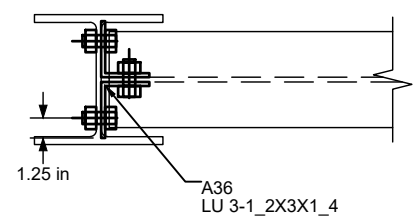
DRAWING NO.	S-3

For Review
05/11/2023 12:39:06 AM

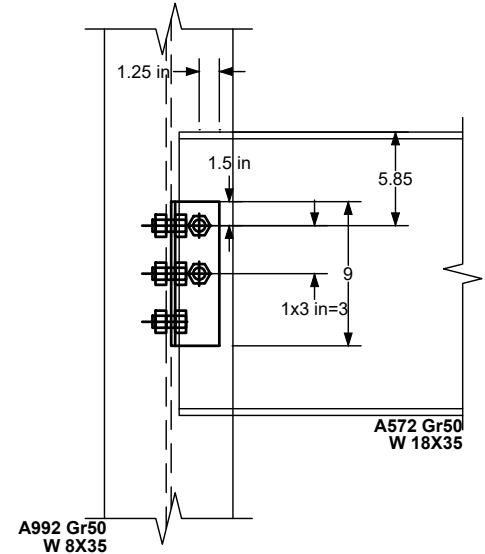


TYPICAL STEEL DECKING CONCRETE FLOOR DETAIL
SCALE : NTS

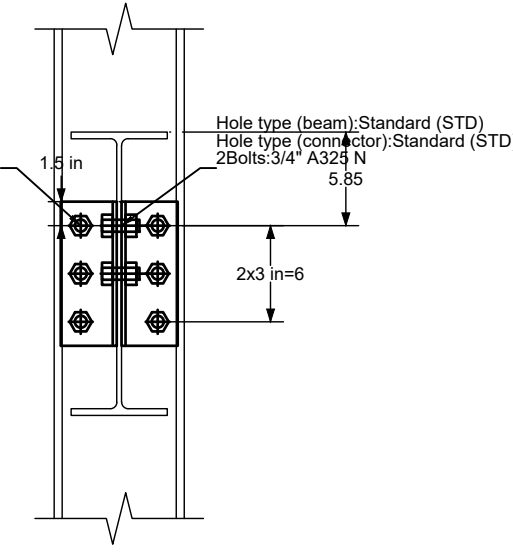
Top view



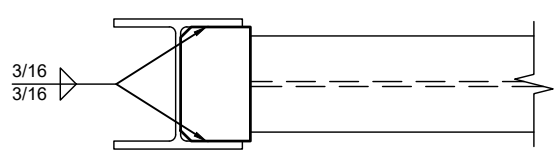
Lateral view



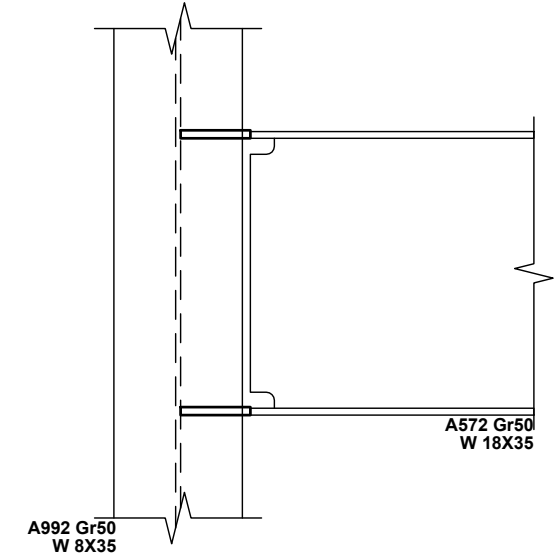
Front view



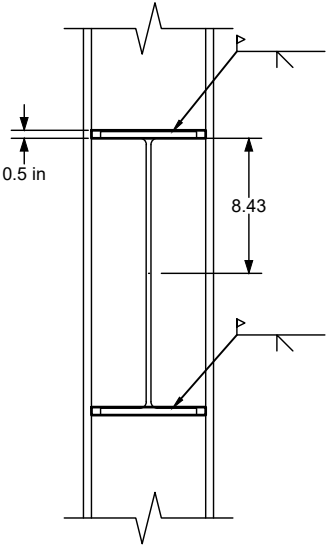
Top view



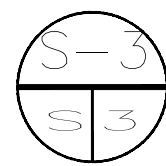
Lateral view



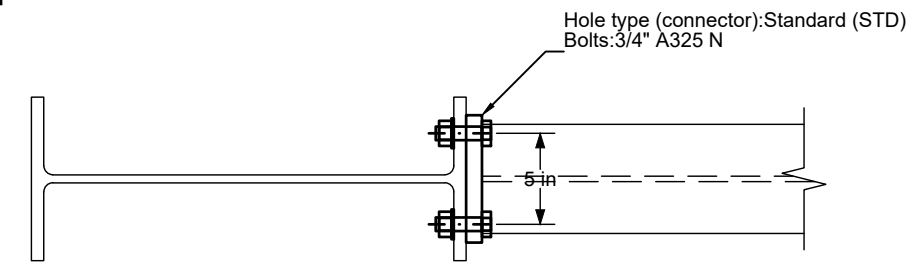
Front view



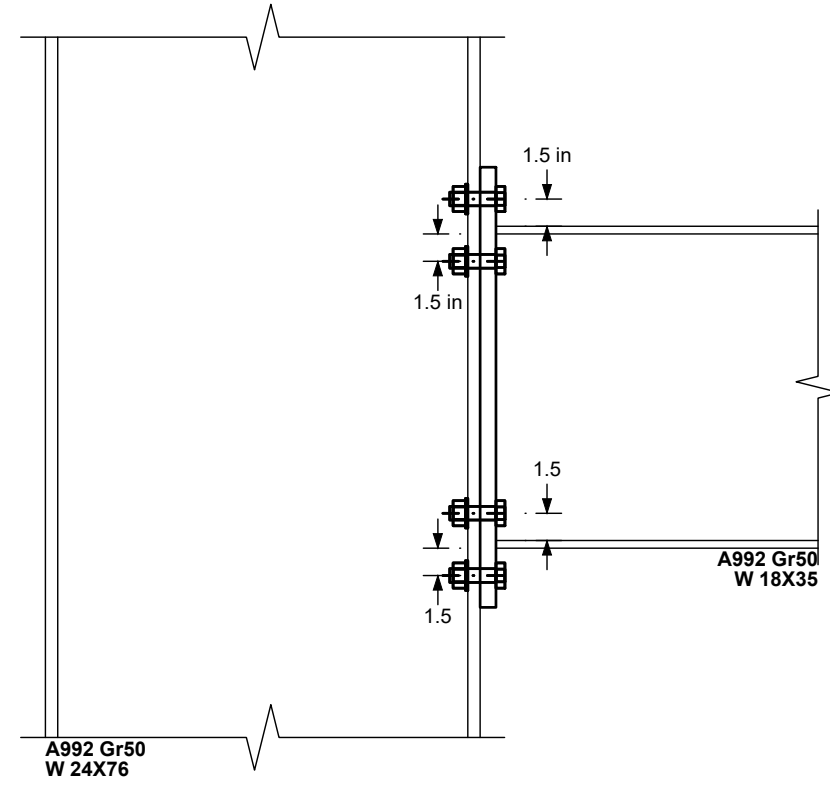
BCW CONECTION
SCALE : NTS



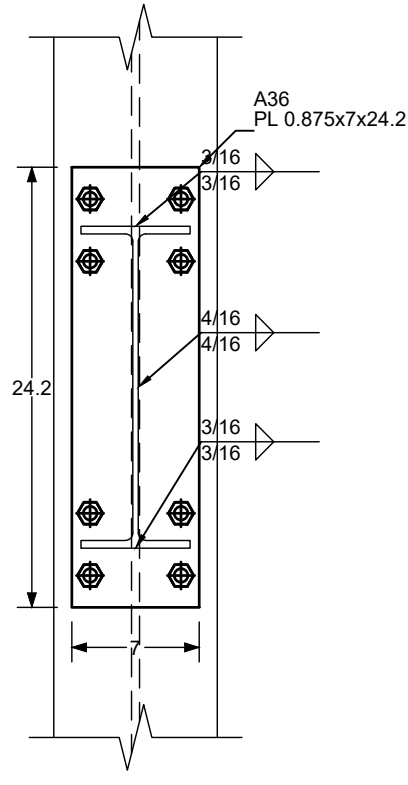
Top view



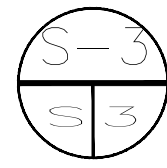
Lateral view



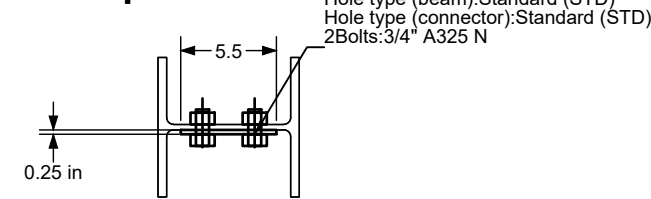
Front view



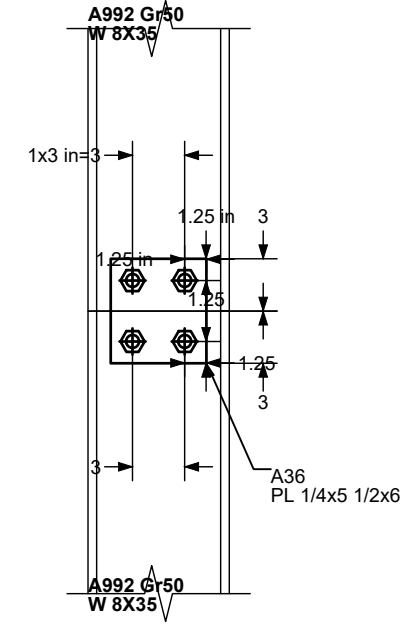
BCF CONECTION
SCALE : NTS



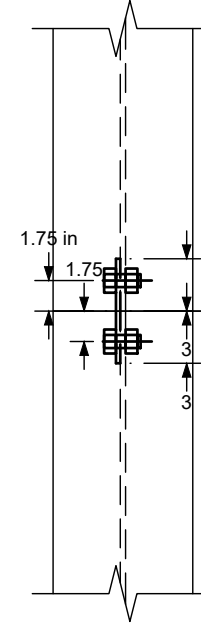
Top view



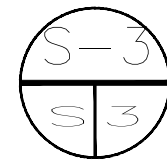
Lateral view



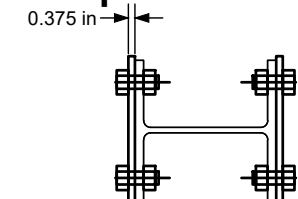
Front view



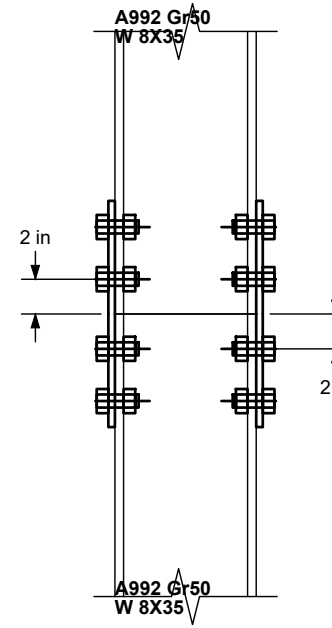
CB CONECTION TYPE 1
SCALE : NTS



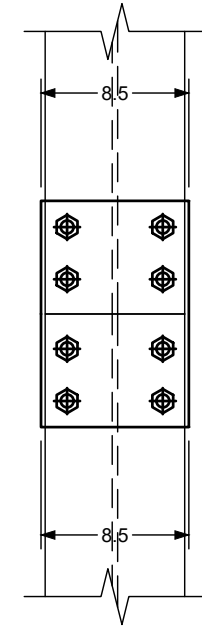
Top view



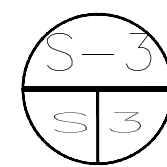
Lateral view



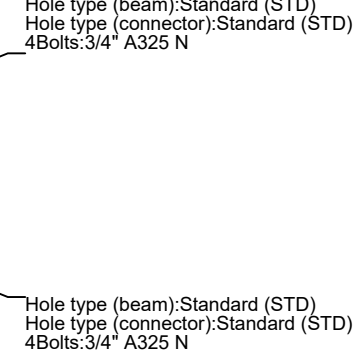
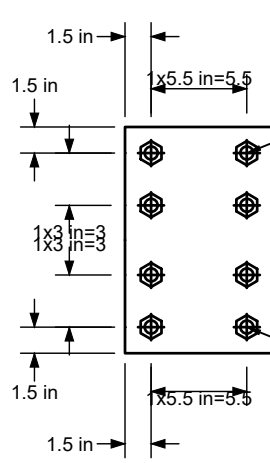
Front view



CB CONECTION TYPE 2
SCALE : NTS



A36
PL 3/8x8 1/2x13
Front view



REVISIONS

DESCRIPTION

DATE

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DATE OF EMISSION:

PROJECT NUMBER: 03

CADD DIRECTORY

PLOT SCALE: AS

CCB DORADO

CLIENT

JIREH BUILD & DESING



JIREH BUILD & DESING

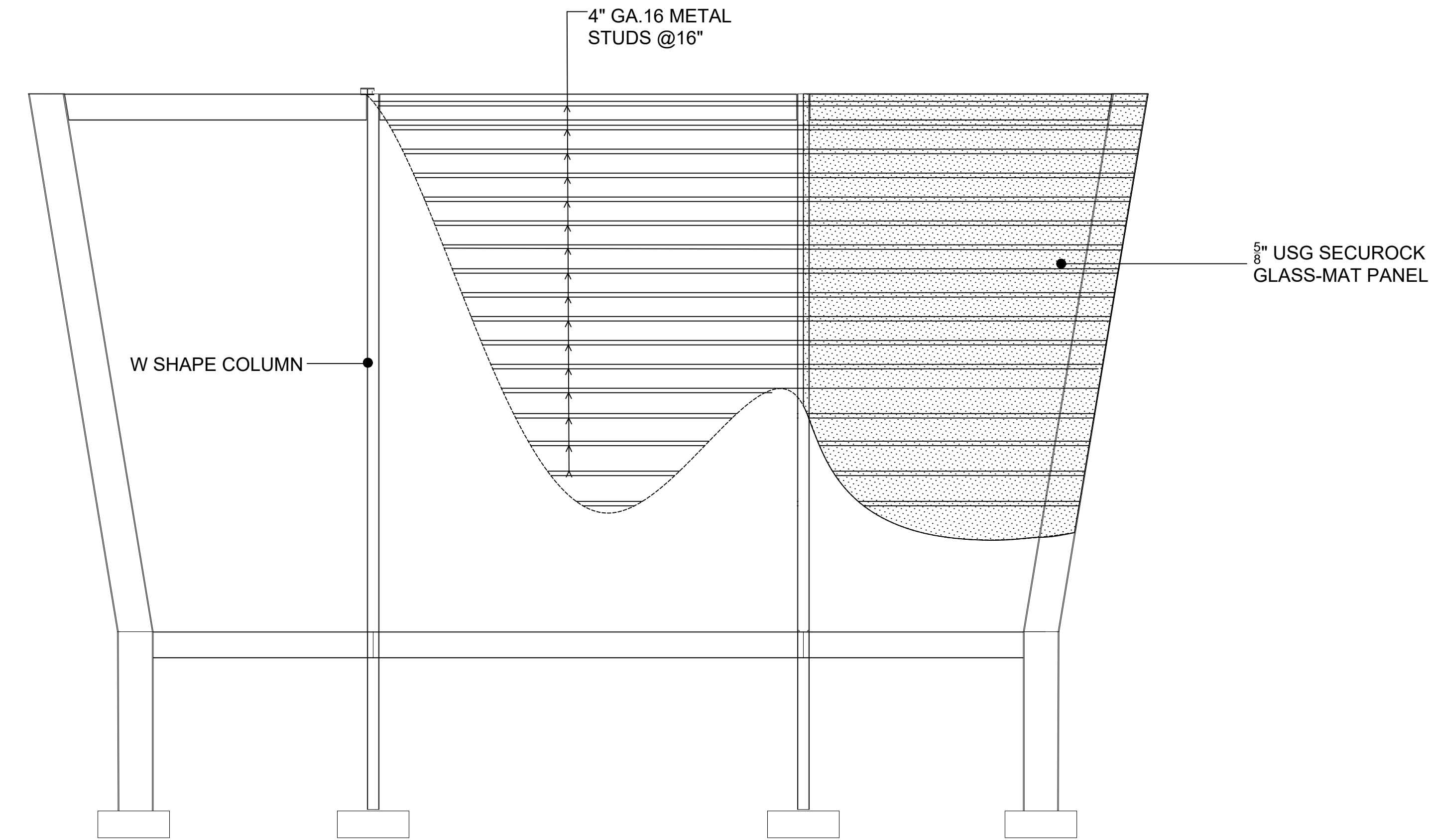
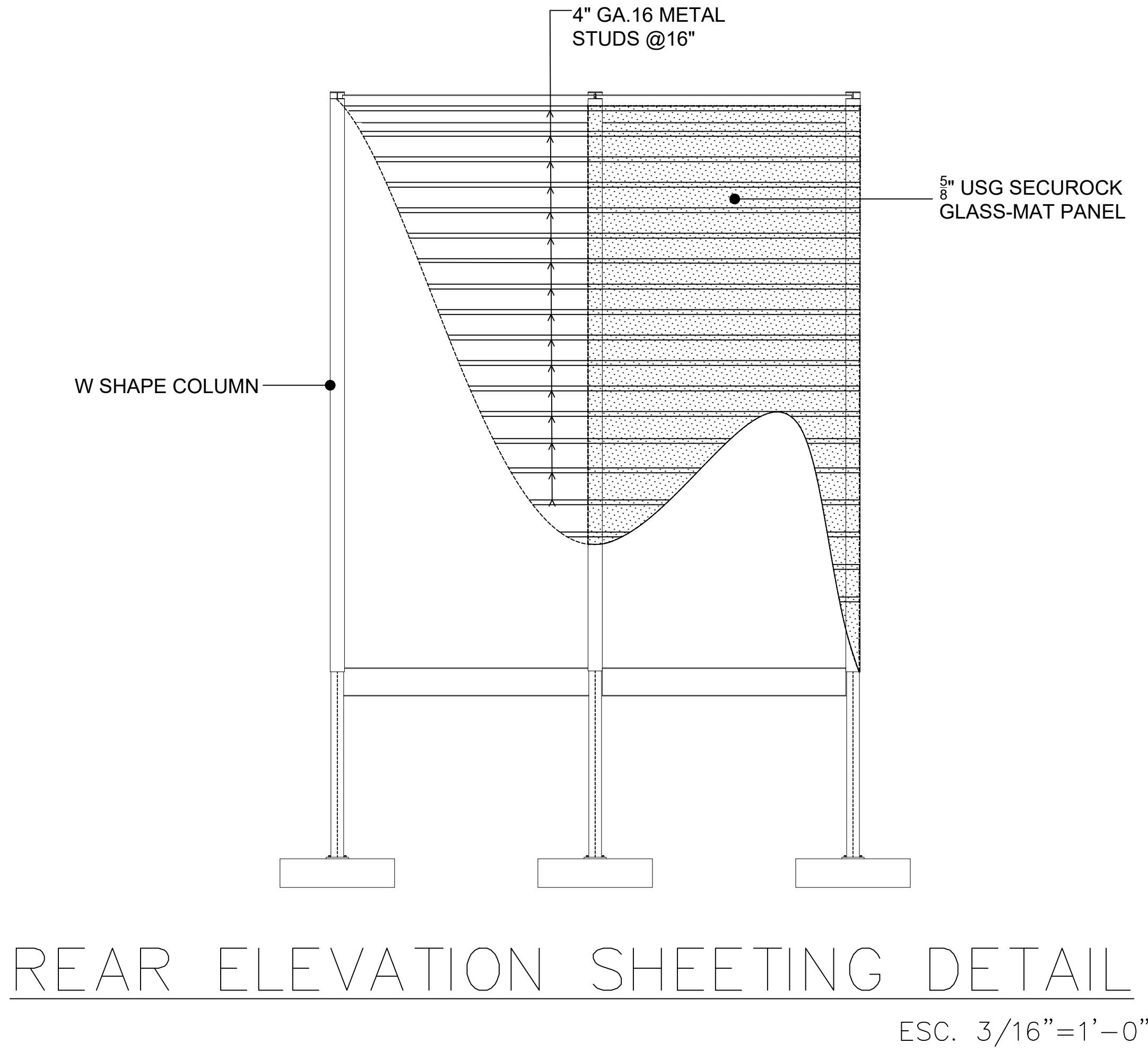
PROJECT NAME :
CENTRO CRISTIANO BETHEL DORADO FACILITIES

DRAWING TITLE :
NEW ENTRANCE STRUCTURAL DETAILS

DRAWING NO.

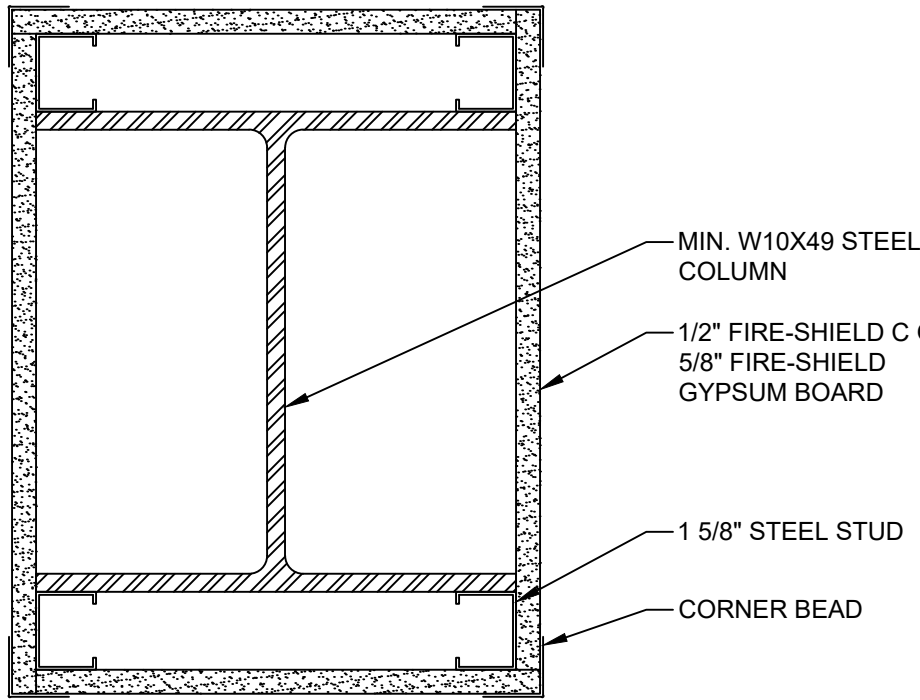
S-4

For Review
05/11/2023 12:39:07 AM

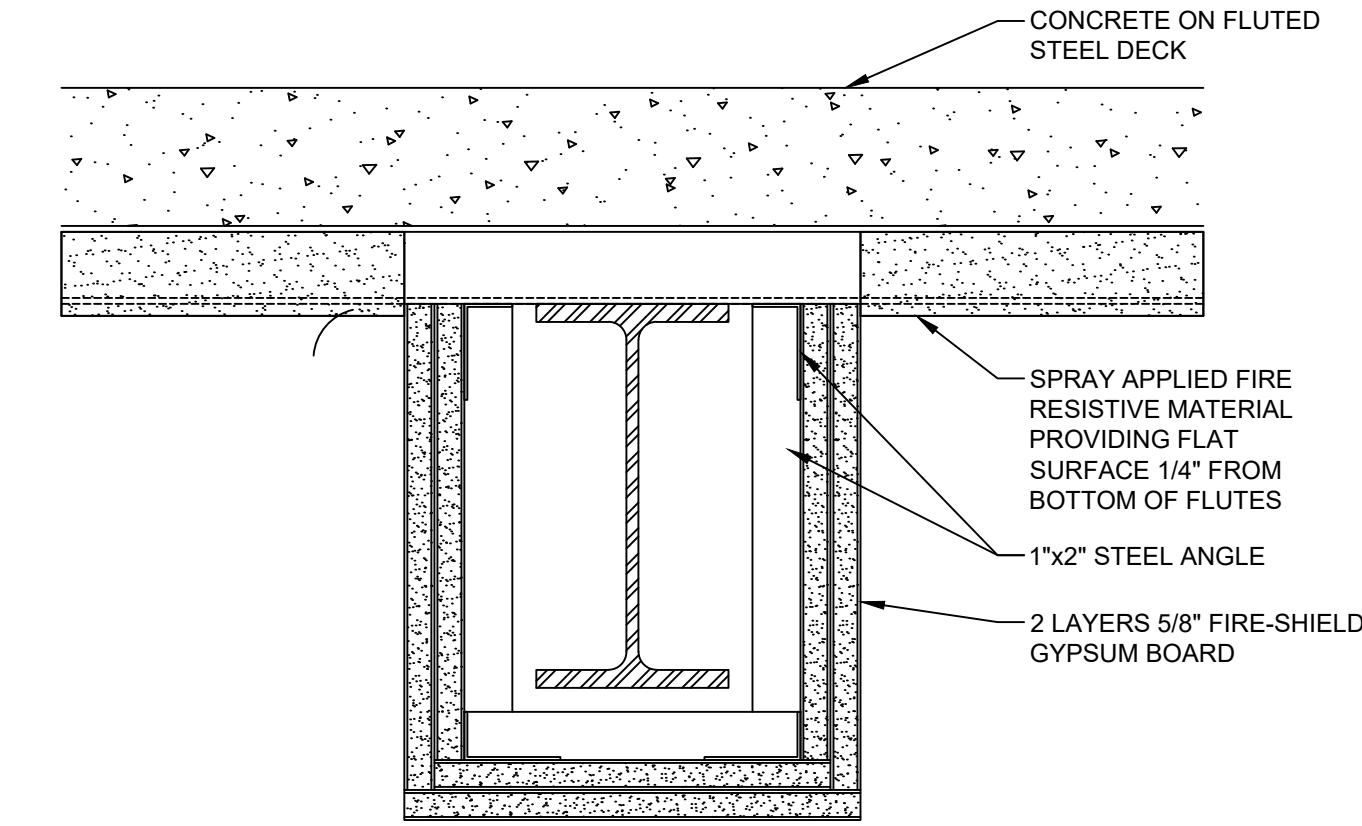


COLUMN - 1 HR
UL DESIGN: X528

SCALE: 3 inch = 1 foot - 0 inch



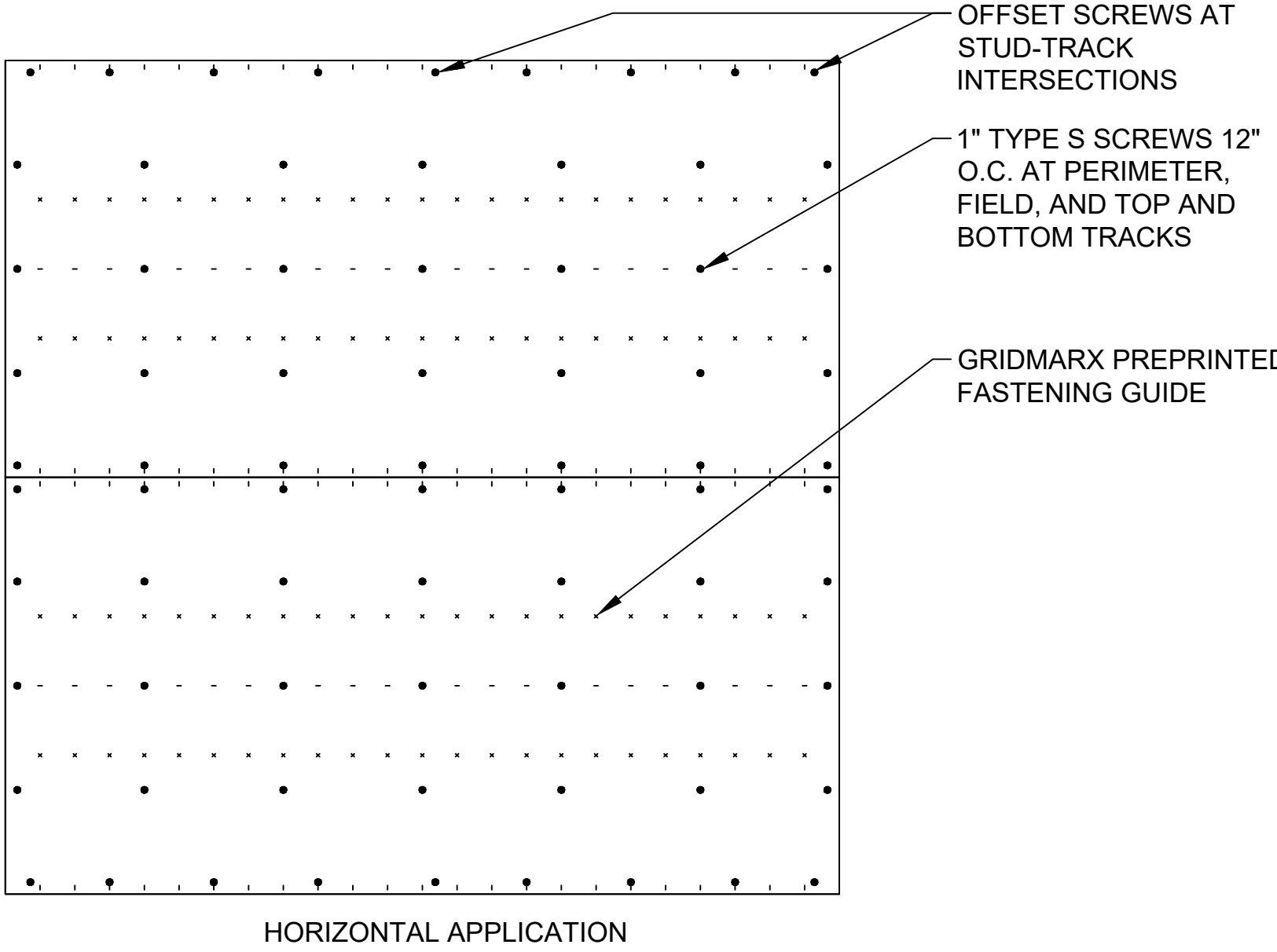
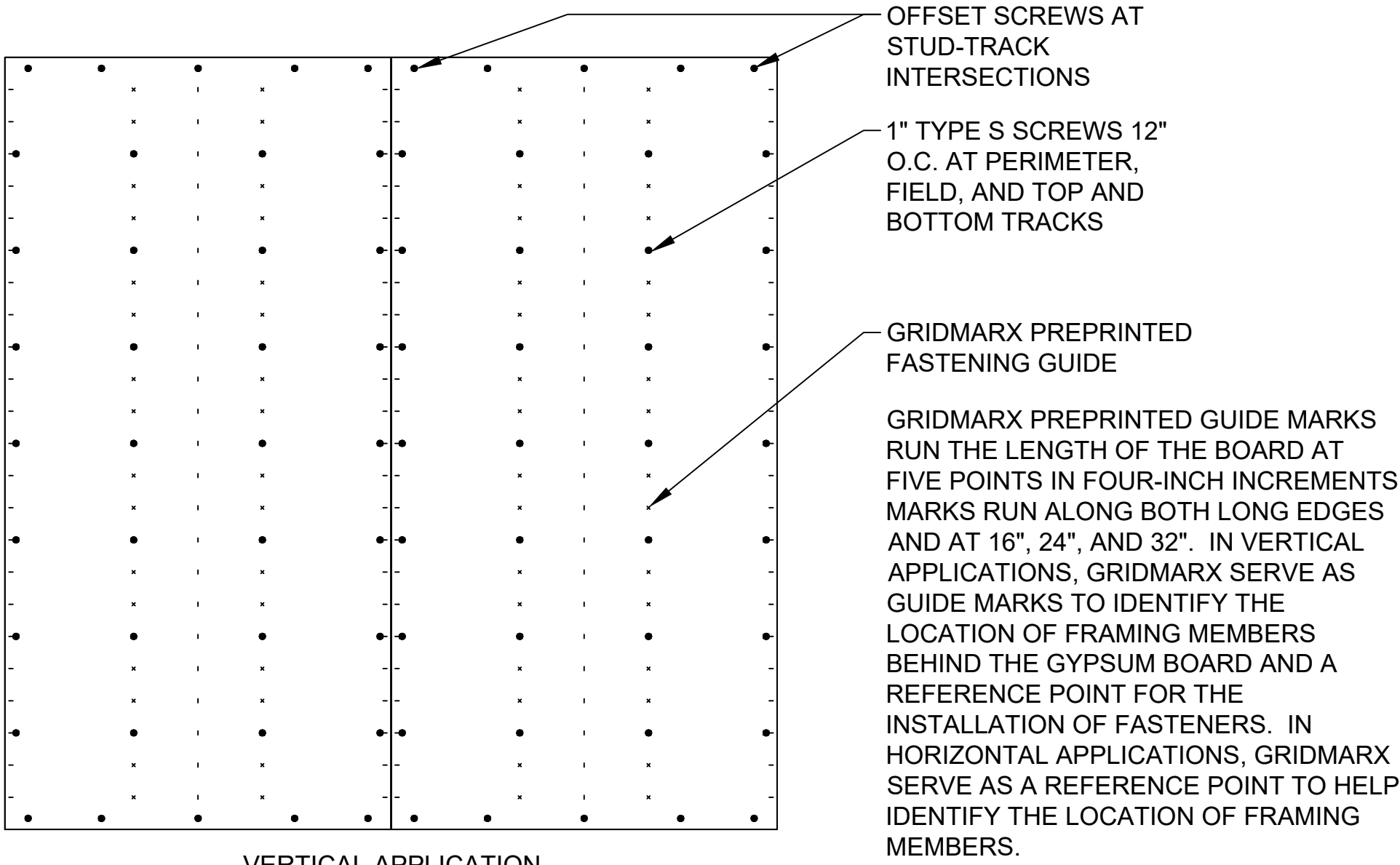
1 HOUR RATED COLUMN
DETAIL: CL 101



BEAM - 2 HR
UL DESIGN: N501

DATE: 09/01/18
SCALE: 3 inch = 1 foot - 0 inch

2 HOUR STEEL BEAM
DETAIL: BM 201



MAX 12 FASTENER PATTERN FOR 1 HOUR PARTITIONS

For Review
05/11/2023 12:39:07 AM

REVISIONS

REV	DATE	DESCRIPTION
1	*	
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3	*	
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DATE OF EMISSION:

PROJECT NUMBER: 03

CADD DIRECTORY

PLOT SCALE: AS

CCB DORADO

CLIENT

JIREH BUILD & DESING



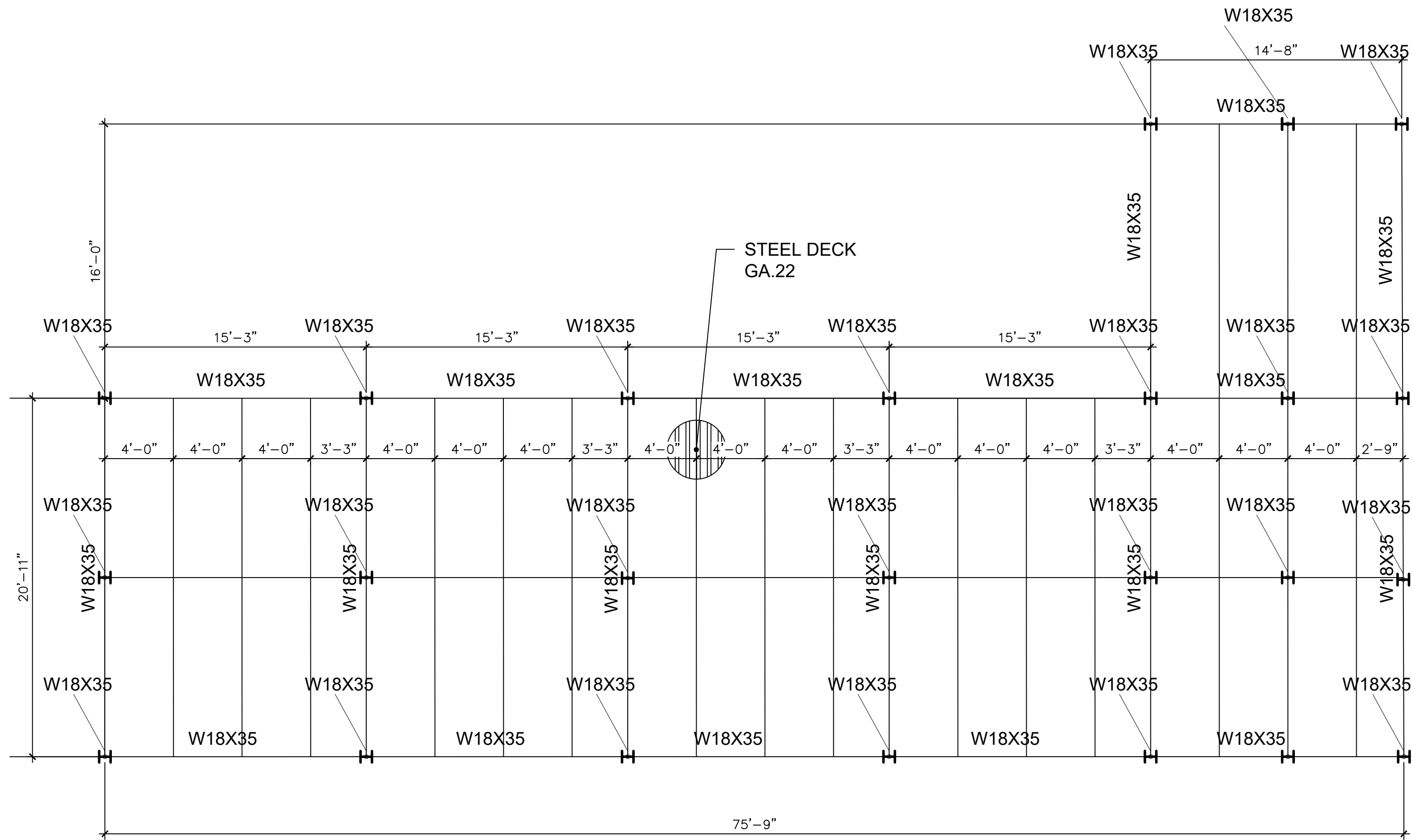
PROJECT NAME :
CENTRO CRISTIANO BETHEL DORADO FACILITIES

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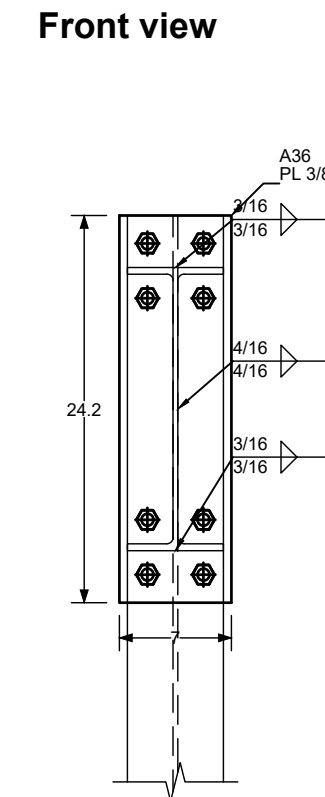
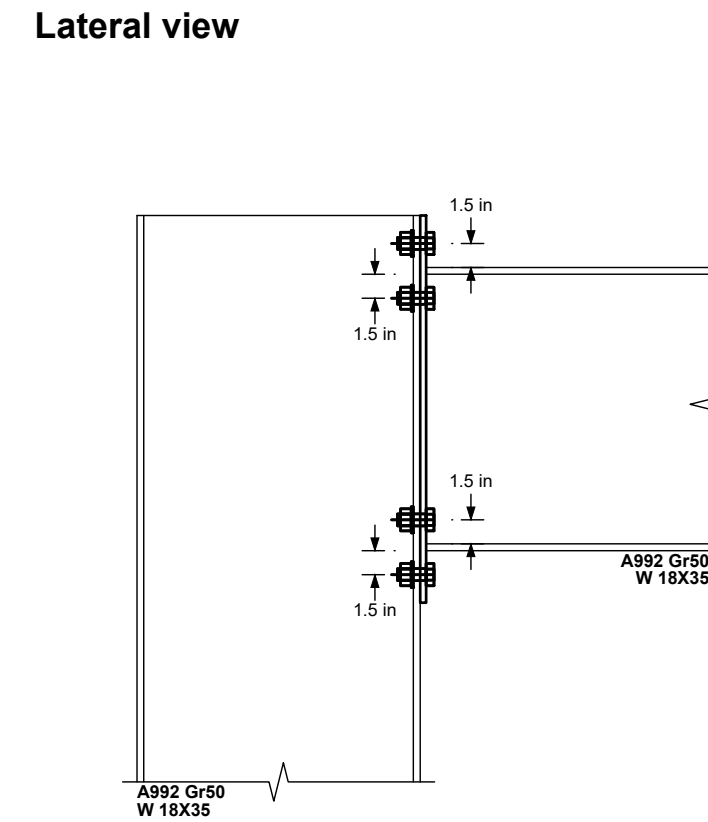
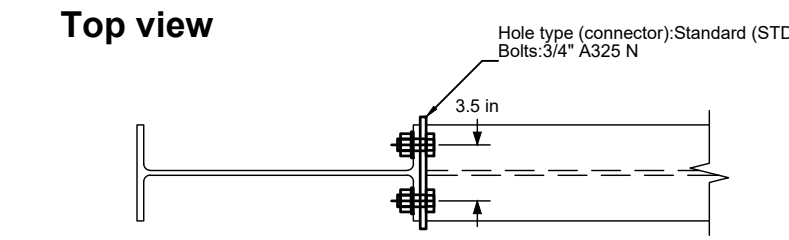
NEW ENTRANCE SHEETING DETAILS

DRAWING NO.

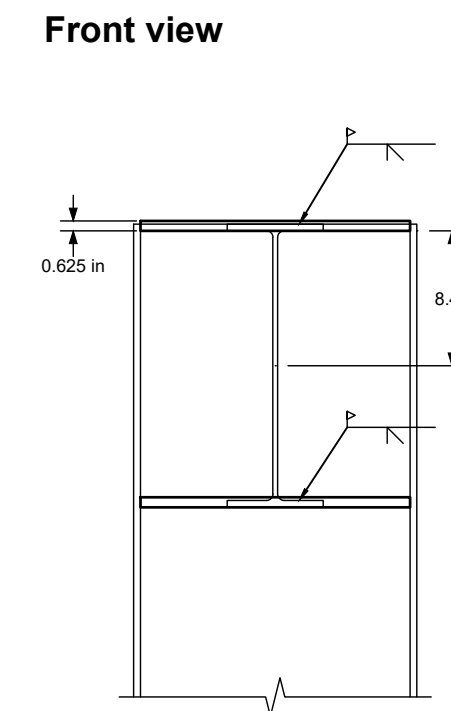
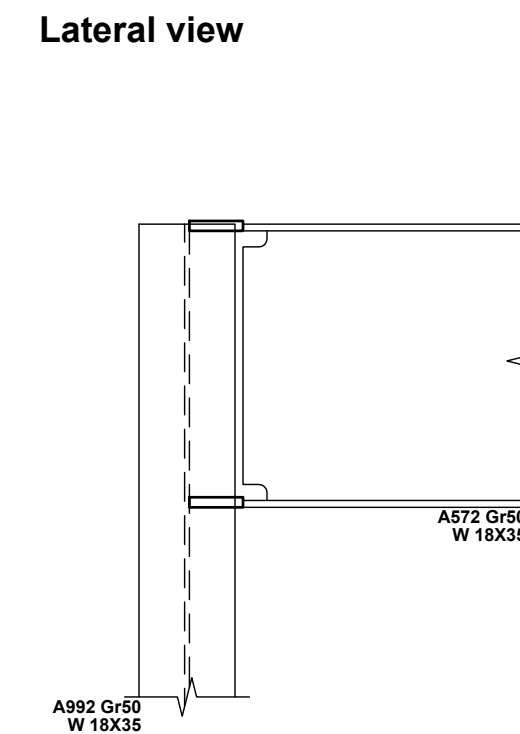
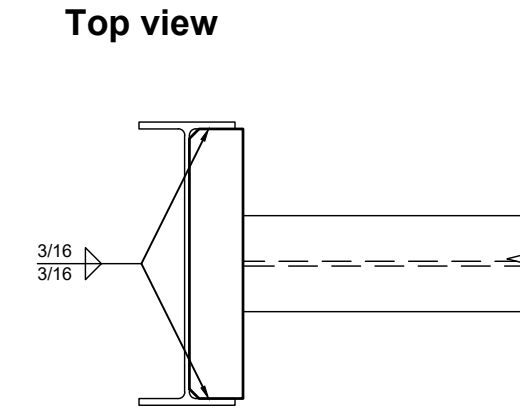
S-5



NEW ROOF FRAMING PLAN
ESC. 3/16"=1'-0"

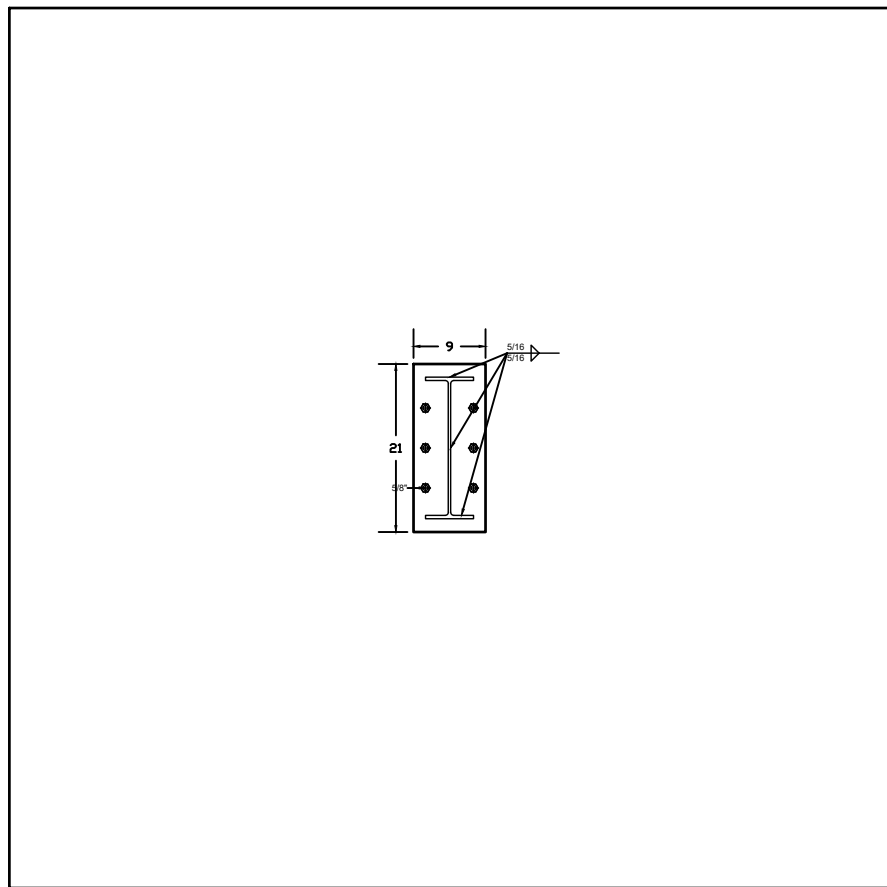


BCW CONNECTION SHEAR
ESC. 1'=1'-0"

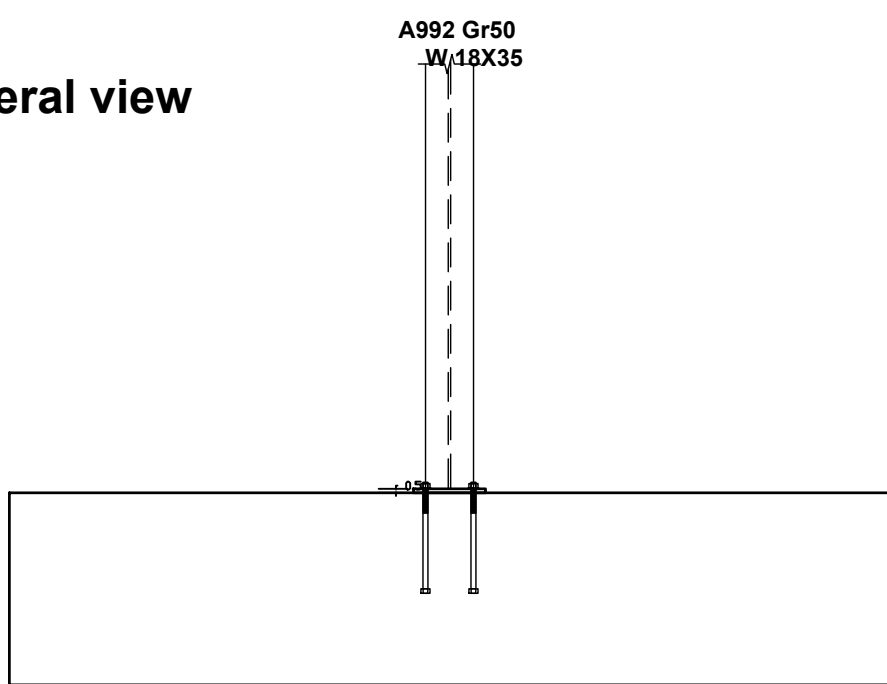


BCW CONNECTION MOMENT
ESC. 1'=1'-0"

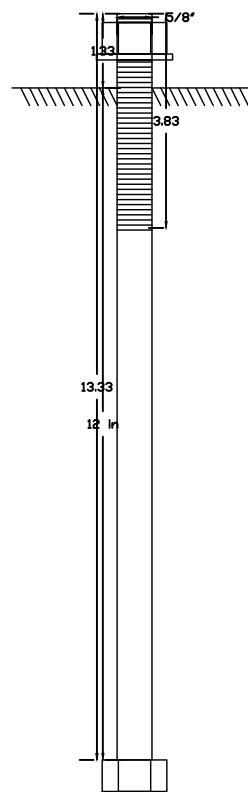
Top view



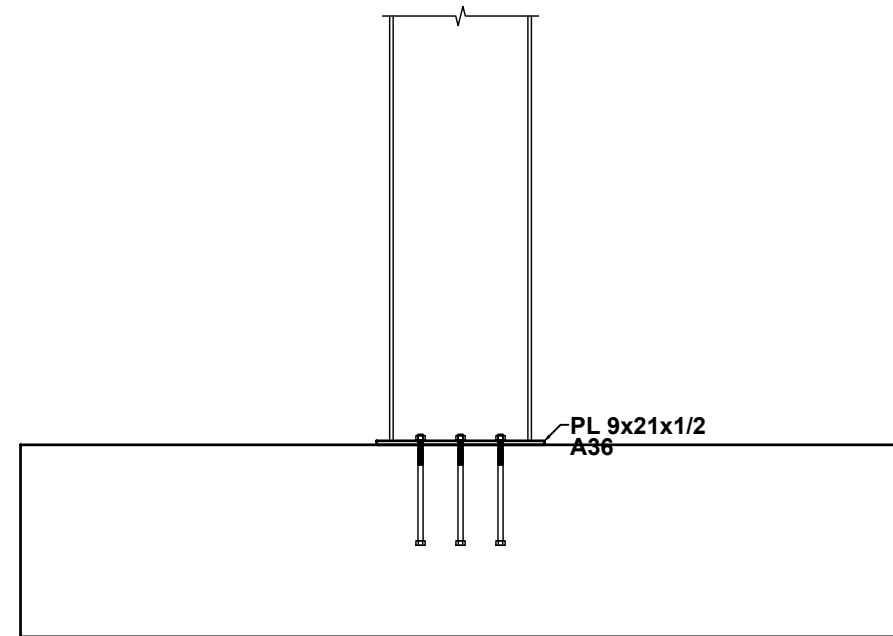
Lateral view



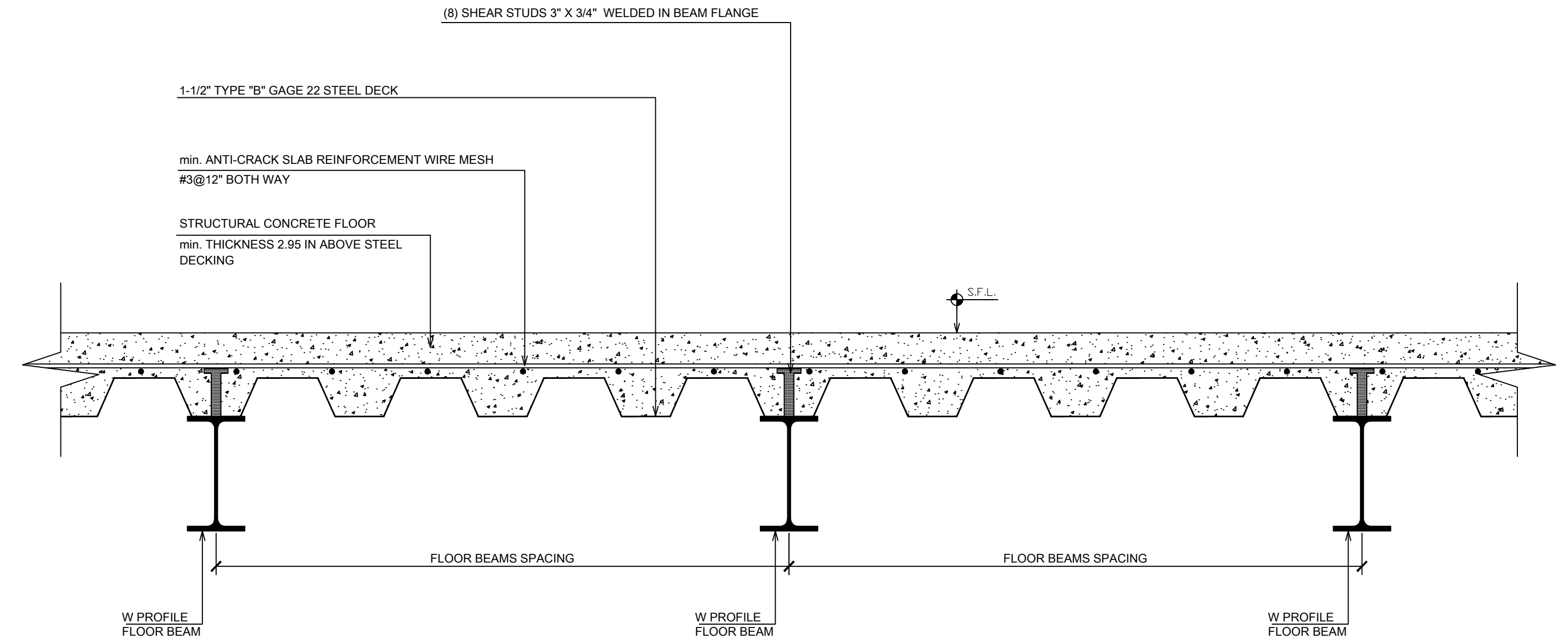
Anchor detailing, Scl.: 1:7



Front view



COLUMN BASE CONECCION TO EXISTING SLAB
ESC. 6"=1'-0"



TYPICAL STEEL DECKING CONCRETE FLOOR DETAIL
SCALE : NTS

For Review
05/11/2023 12:39:07 AM

REVISIONS

DESCRIPTION

DATE

REV

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4

DATE OF EMISSION:

PROJECT NUMBER: 03

CADD DIRECTORY

PLOT SCALE: AS

CCB DORADO

CLIENT

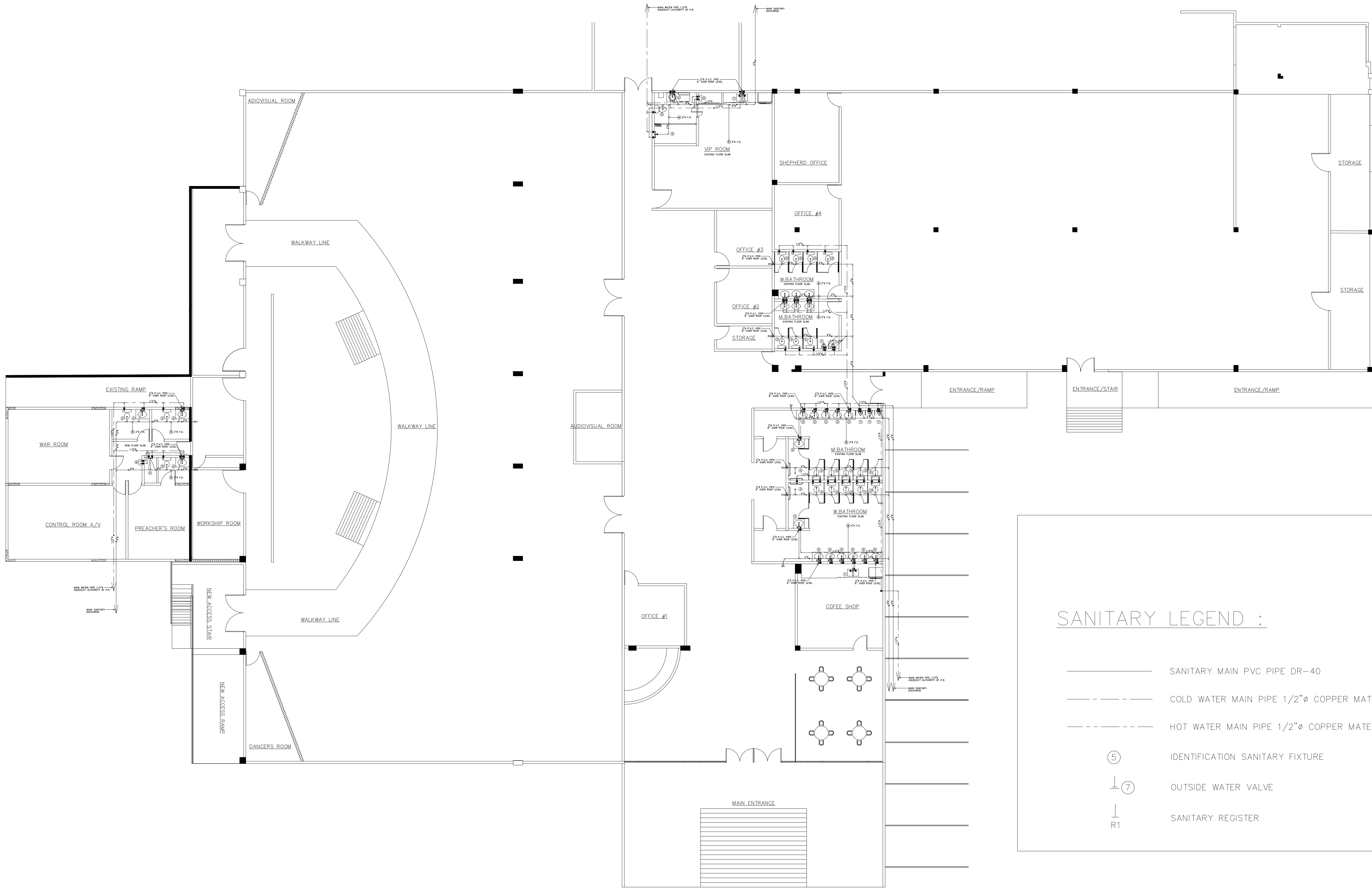
JIREH BUILD & DESING
JIREH BUILD & DESING

PROJECT NAME :
CENTRO CRISTIANO BETHEL DORADO FACILITIES

DRAWING TITLE :
NEW ROOF FRAMING PLAN & DETAILS

DRAWING NO.

S-6



For Review
05/11/2023 12:39:07 AM

REVISIONS

REV	DATE	DESCRIPTION
1	*	
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3	*	
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DATE OF EMISSION: 27-JUL-2022

PROJECT NUMBER: 01

CADD: DIRECTORY

PLOT SCALE: 3/8=1'-0"

CLIENT

CCB DORADO

PROJECT NAME :
CENTRO CRISTIANO BETHEL DORADO FACILITIES

DRAWING TITLE :
SANITARY & WATER DISTRIBUTION PLAN

DRAWING NO.

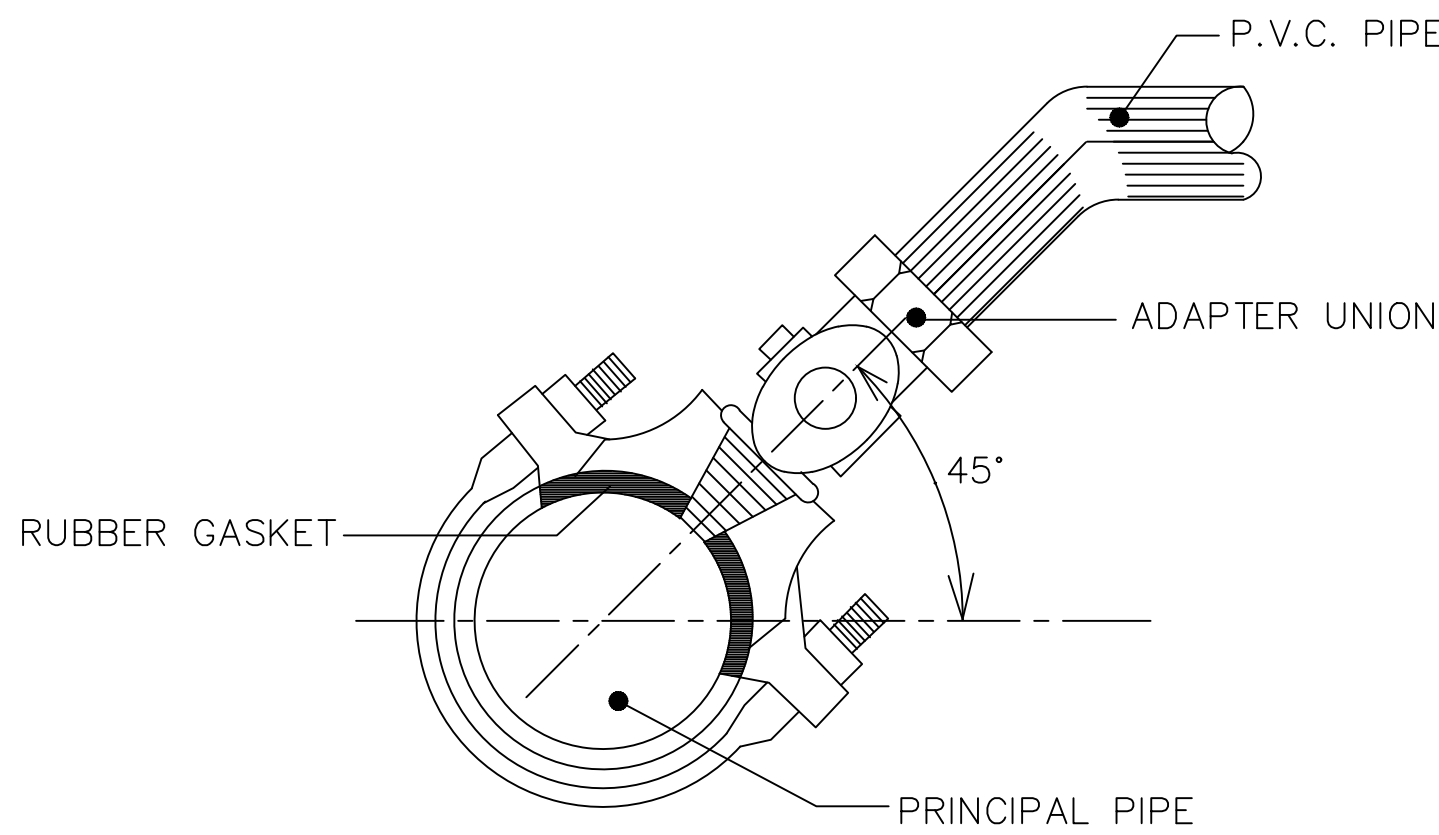
P-1



JIREH BUILD & DESING

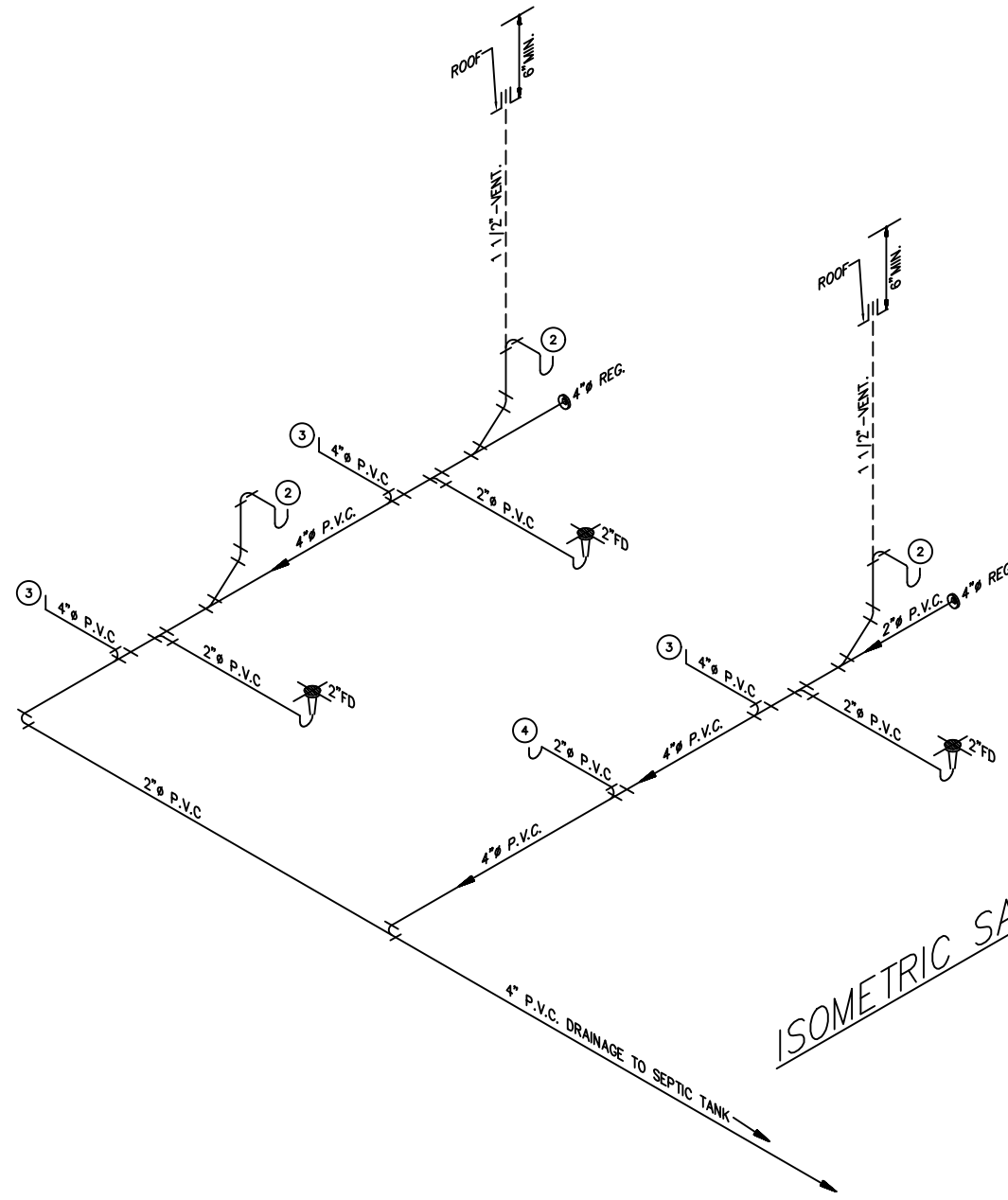
SANITARY AND PLUMBING NOTES

1. PLUMBING CONTRACTOR SHOULD CHECK FIXTURE ROUSING IN MEASUREMENTS
2. CONTRACTOR SHOULD CHECK WATER A AND SERVER LINE ON DEVELOPMENT PLANS.
3. KEEP HOUSE DRAIN FROM RUNNING ALONG WITHIN OR UNDER FOUNDATION.
4. PROVIDE A SHUT OFF VALVE IN WATER PIPE TO WATER CLOSET.
5. ALL PLUMBING SHALL BE STRICT ACCORDANCE WITH THE REGULATIONS OF THE DEPARTMENT OF HEALTH OF P.R., THE LOCAL BUILDING CODE
6. PLUMBING INSTALLATION SHALL NOT INTERFERE WITH OTHER TRADES
7. ALL THE PIPES TO BE USED DISCHARGE AND SANITARY BREATHER WILL BE P.V.C. DR-40
8. ALL HOT AND COLD WATER INSTALLATION AND DISCHARGE WILL BE PERFORMED BY LICENSED PLUMBER AND CERTIFIED BY DOCUMENT TO THE ENGINEER.
9. ALL THE DISTRIBUTION OF THE PIPE WILL BE IN COPPER MATERIAL TYPE "K" AND CERTIFIED BY A LICENSED PLUMBER.
10. THE MODELS AND COLORS OF THE SANITARY PARTS WILL BE CHOSEN BY THE OWNER.



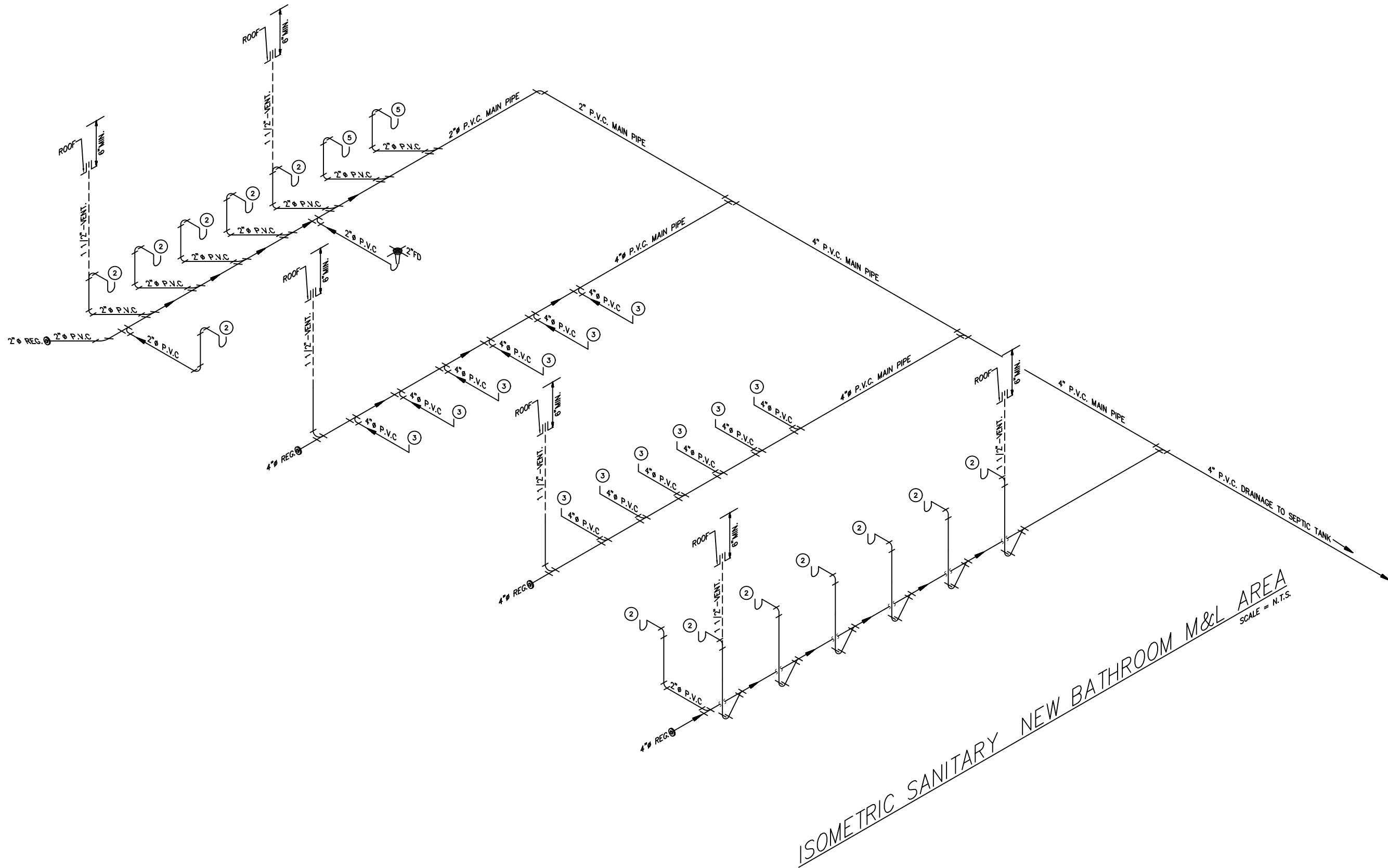
POTABLE WATER CONNECTION DETAIL

ESC. N.T.S.



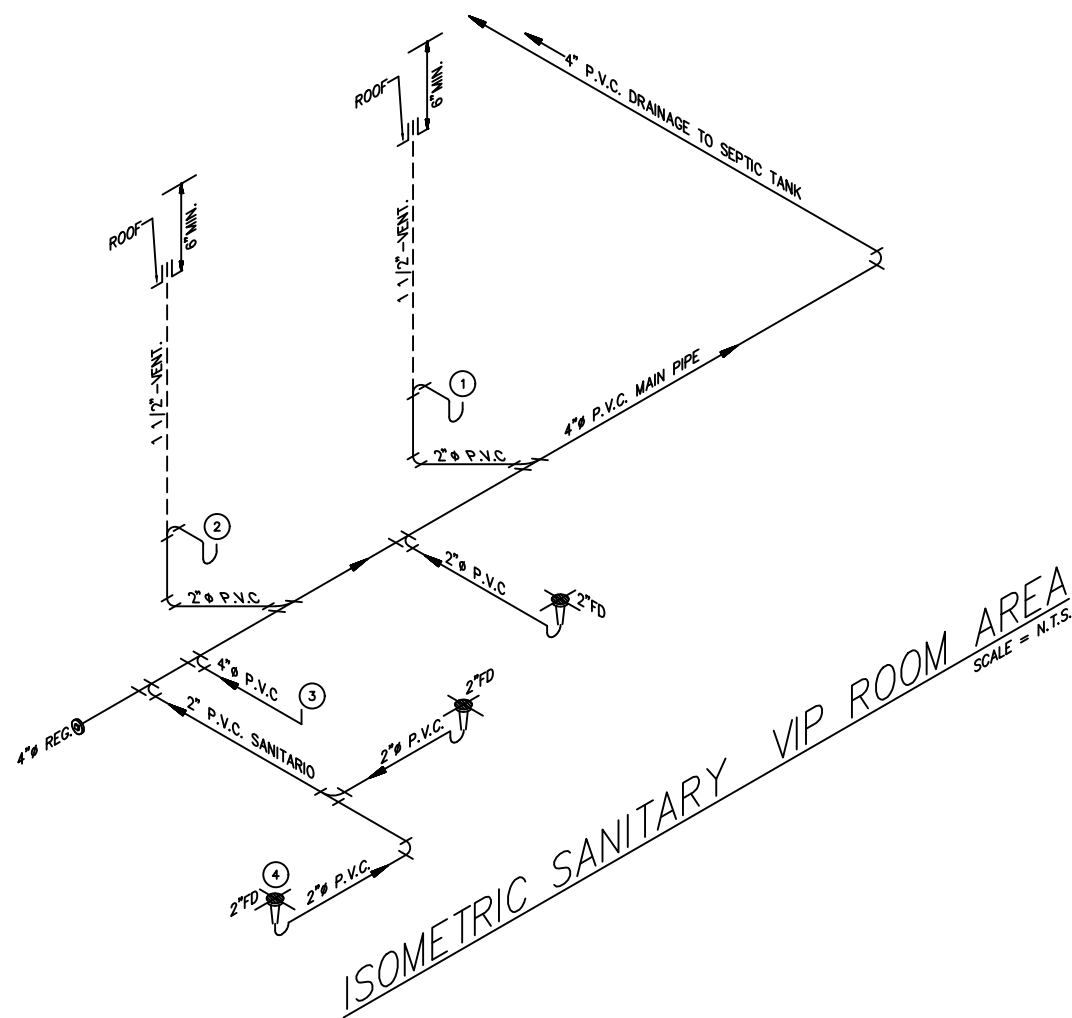
ISOMETRIC SANITARY NEW BATHROOM AREA

SCALE = N.T.S.



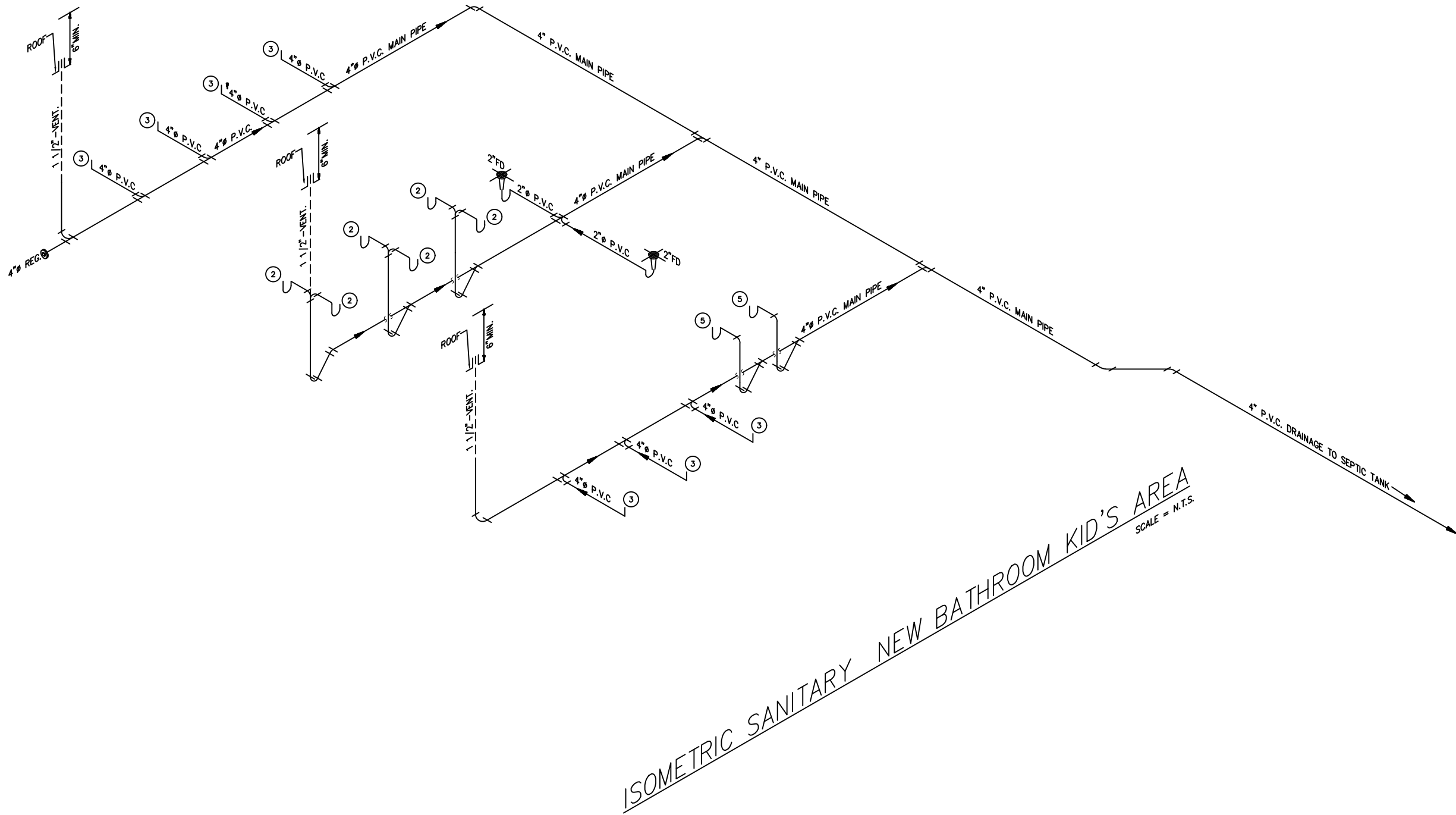
ISOMETRIC SANITARY NEW BATHROOM M&L AREA

SCALE = N.T.S.



ISOMETRIC SANITARY VIP ROOM AREA

SCALE = N.T.S.



ISOMETRIC SANITARY NEW BATHROOM KID'S AREA

SCALE = N.T.S.

For Review

05/11/2023 12:39:07 AM

REVISIONS

REV	DATE	DESCRIPTION
1	*	
2	*	
3	*	
4	*	

DATE OF EMISSION: 27-JUL-2022

PROJECT NUMBER: 01

CADD: DIRECTORY

PLOT SCALE: 3/8"=1'-0"

CLIENT

CCB DORADO

JIREH BUILD & DESING

JIREH BUILD & DESING

PROJECT NAME :

CENTRO CRISTIANO BETHEL DORADO FACILITIES

DRAWING TITLE :

SANITARY ISOMETRIC & DETAILS

DRAWING NO.

P-2

GENERAL NOTES:

1.

ALL PLUMBING WORK SHALL BE IN STRICT ACCORDANCE WITH THE DEPARTMENT OF HEALTH OF P.R., THE LOCAL BUILDING CODE, THE INTERNATIONAL PLUMBING CODE AND THE SPECIFICATIONS ISSUED FOR THIS PROJECT.
2.

SIZES SHOWN IN FIXTURE SCHEDULE ARE MINIMUM AND SHALL BE INCREASED AS NECESSARY, TO COMPLY WITH CODES REQUIREMENTS OR AS SHOWN ON THESE DRAWINGS.
3.

ALL HORIZONTAL PORTIONS OF SOIL WASTE STACKS & BRANCHES SHALL SLOPE 1/8" PER FEET, EXCEPT FOR SIZES 3" & SMALLER THAT SHALL BE 1/4" PER FEET.
4.

CLEANOUTS SHALL BE OF THE SAME NOMINAL SIZE AS THE PIPE DIAMETER UP TO 4".
5.

THE PLUMBING CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF THE PIPING TO AVOID ANY INTERFERENCE WITH PIPING AND/OR EQUIPMENT BEING INSTALLED BY OTHER CONTRACTORS.
6.

FOR FIXTURES AND/OR EQUIPMENT NOT LISTED IN THE SCHEDULE, SEE THE SPECIFICATIONS.
7.

ALL ABOVEGROUND WATER PIPING SHALL BE TYPE "K" HARD DRAWN COPPER, SOLDER JOINTS.
8.

CLEANOUTS SHALL BE PLACED AS SHOWN ON DRAWINGS.
9.

ALL DRAINS TO BE CAST IRON UNDER AND ABOVE FLOOR SLABS AND VENTILATION LINES AT WALLS.
10.

THE CONTRACTOR SHALL VERIFY IN FIELD ALL INVERT ELEVATIONS AND SHALL MAKE ANY NECESSARY ADJUSTMENT AS REQUIRED BY FIELD CONDITIONS AND AS REQUIRED, TO OBTAIN THE PROPER SLOPES.
11.

IT IS THE INTENTION OF THE DRAWINGS TO CALL FOR FINISHED WORK, COMPLETE, TESTED AND READY FOR OPERATION. MINOR DETAILS NOT SHOWN OR SPECIFIED, BUT NECESSARY FOR THE PROPER INSTALLATION AND FOR FUNCTIONING AND OPERATION OF THE SYSTEM SHALL FORM PART OF THE WORK TO BE DONE BY THE CONTRACTOR.
12.

BIDDERS SHALL VISIT THE BUILDING AND ACQUAINT THEMSELVES WITH THE CONDITIONS AS THEY ACTUALLY EXIST AND VERIFY DIMENSIONS, LOCATIONS AND DETAILS REQUIRED TO COMPLETE THE WORK. FAILURE TO VISIT THE PROJECT AREA WILL IN NO WAY RELEIVE THE SUCCESFUL BIDDER OF FURNISHING ALL MATERIAL AND PERFORMING ALL WORK REQUIRED FOR THE COMPLETION OF THE CONTRACT. VISITS TO THE PROJECT AREA SHALL BE ARRANGED THROUGH THE CONTRACTING OFFICER.
13.

CONTRACTOR SHALL DISPOSE OF THE REMOVED ITEMS SELECTED BY OWNER FOR DISPOSAL, AND SHALL STORE THE ITEMS SELECTED FOR SALVAGE IN THE PLACE INDICATED BY CONTRACTING OFFICER. DISPOSAL SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT LAWS AND REGULATIONS.
14.

THE CONTRACTOR SHALL USE MATERIALS FOR CUTTING AND PATCHING THAT ARE IDENTICAL TO EXISTING MATERIALS. BEFORE CUTTING, EXAMINE THE SURFACES TO BE CUT AND PATCHED AND THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED. IF UNSAFE OR OTHERWISE UNSATISFACTORY CONDITIONS ARE ENCOUNTERED, TAKE CORRECTIVE ACTION BEFORE PROCEEDING WITH THE WORK. CUT THE WORK USING SMALL POWER TOOLS DESINED FOR SAWING OR GRINDING, NOT HAMMERING AND CHOPPING. CUT THROUGH CONCRETE USING CUTTING MACHINE SUCH AS A CARBOURUNDUM SAW OR CORE DRILL TO INSURED NEAT HOLE. RESTORE EXPOSED FINISHED OF PATCHED AREAS AND, WHERE NECESSARY, EXTEND FINISH RESTORATION INTO RETAINED ADJOINING AND REFINISHING. WHERE PATCHED OCCURS IN A SMOOTH PAINT SURFACES, EXTEND FINAL PAINT COAT OVER ENTIRE UNBROKEN SURFACE CONTAINING PATCH, AFTER PATCHED ARE HAS RECEIVED PRIME AND BASE COAT.
15.

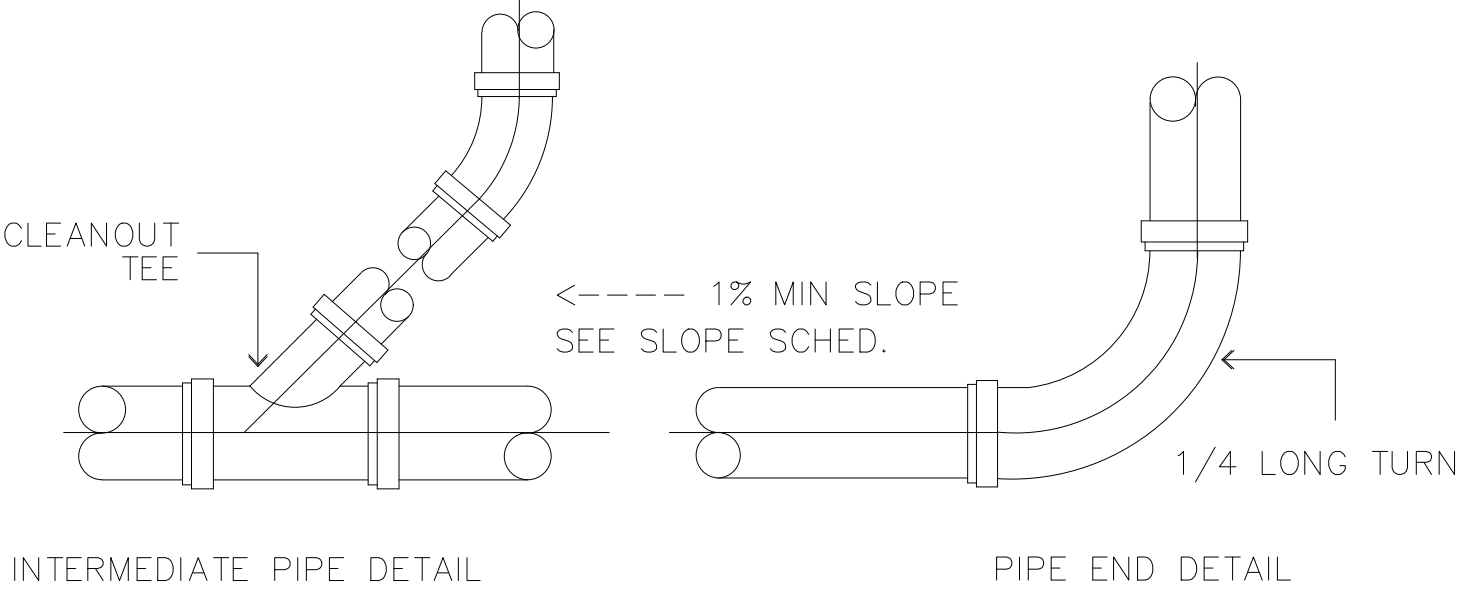
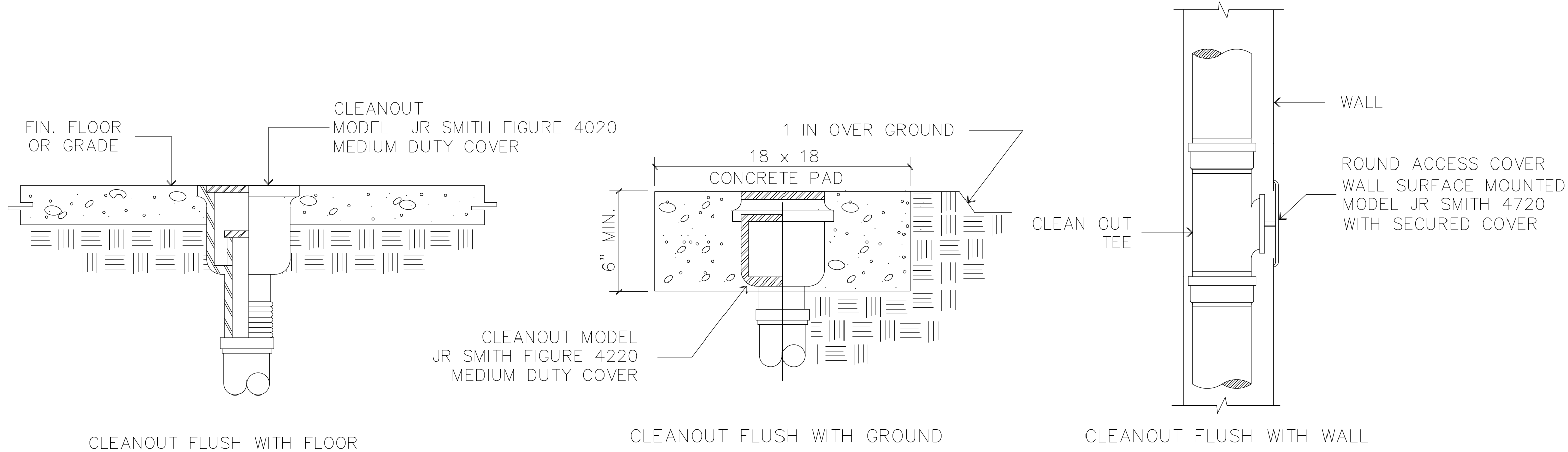
CONTRACTOR SHALL CONSULT THE CONTRACTING OFFICER AS TO WORKING SPACE AND AREA FOR THE LOCATION OF STORING SHACK OR TRAILER. CONTRACTOR SHALL PROVIDE A TRAILER OR CONSTRUCT A STORAGE SHACK FOR SAFEKEEPING OF HIS MATERIAL AND TOOLS.
16.

THE CONTRACTOR SHALL, WITHOUT EXTRA CHARGE, MAKE REASONABLE MODIFICATIONS IN THE LAYOUT, AS NEEDED, TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK.
17.

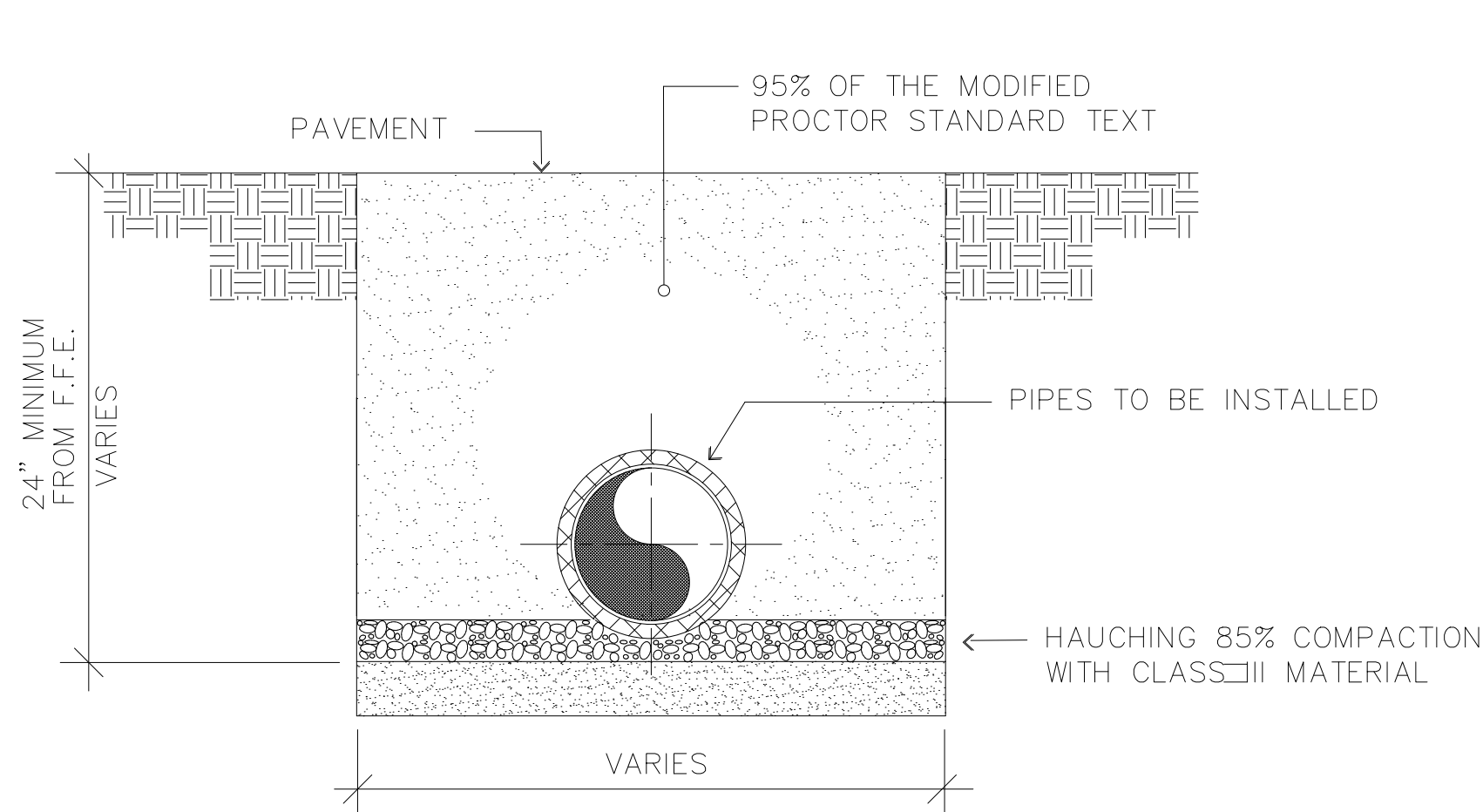
ALL EQUIPMENT AND MATERIAL SHALL BE INSTALLED WITH THE APPROVAL OF THE CONTRACTING OFFICER IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER, AND THE SPECIFICATIONS ISSUED FOR THIS PROJECT.
18.

CONTRACTOR SHALL LOCATE IN FULLY ACCESSIBLE POSITIONS ALL EQUIPMENT WHICH MUST BE SERVICED, OPERATED, OR MAINTAINED.
19.

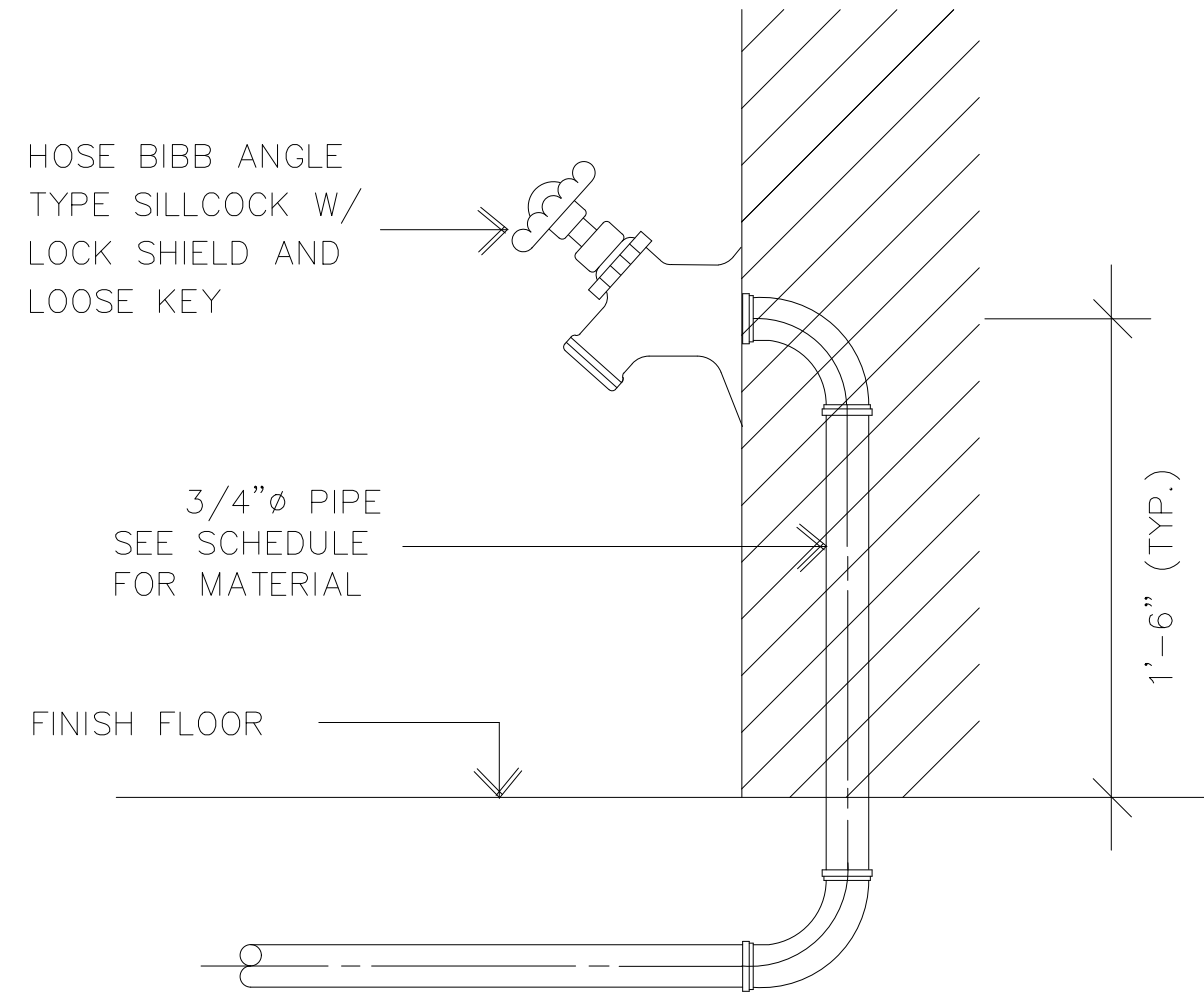
WITH RESPECT TO THE EQUIPMENT AND PIPING, THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AT THE SITE AND SHALL VERIFY ALL MEASUREMENTS. NO ALLOWANCES SHALL BE GRANTED BECAUSE OF DIFFERENCES BETWEEN ACTUAL DIMENSIONS AND THOSE INDICATED ON DRAWINGS. THE MECHANICAL WORK SHALL BE COORDINATED WITH THE WORK OF OTHER TRADES.



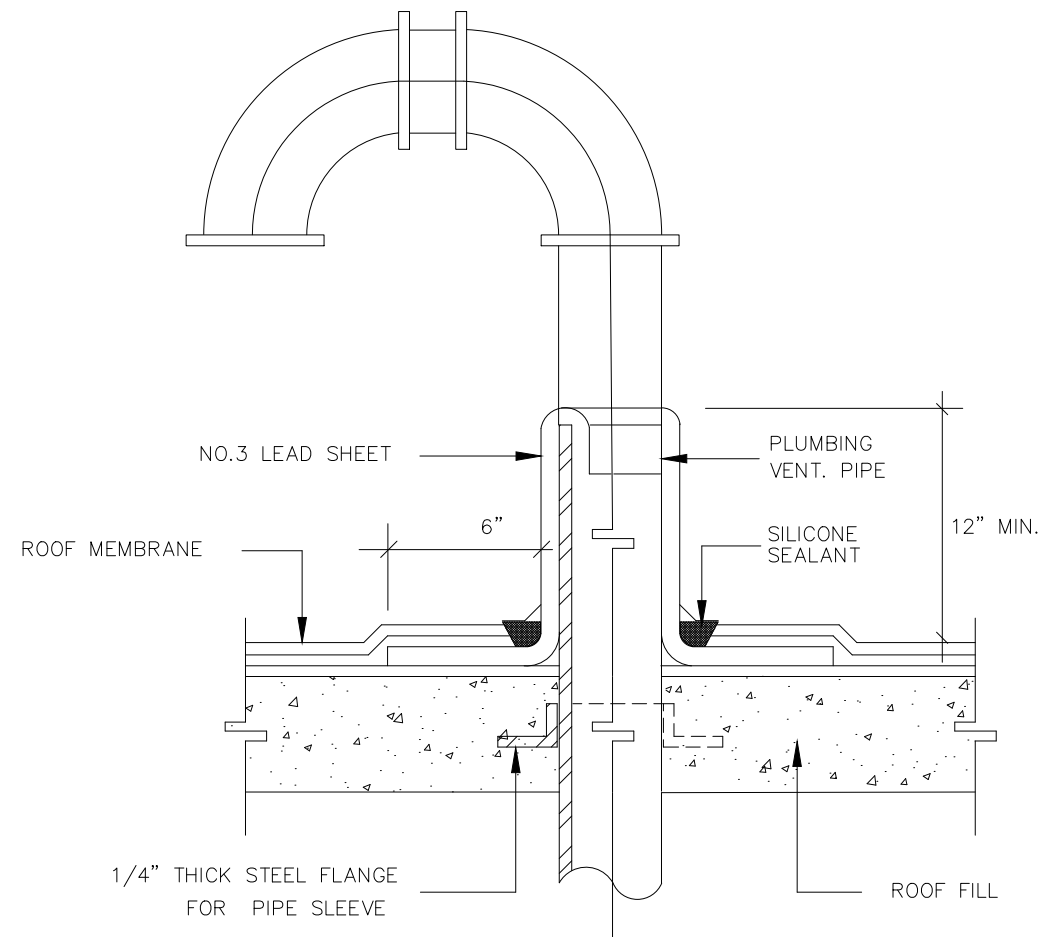
CLEANOUT PIPNG CONNECTION
TYPICAL CLEANOUT CONNECTION DETAILS AND SCHEDULE



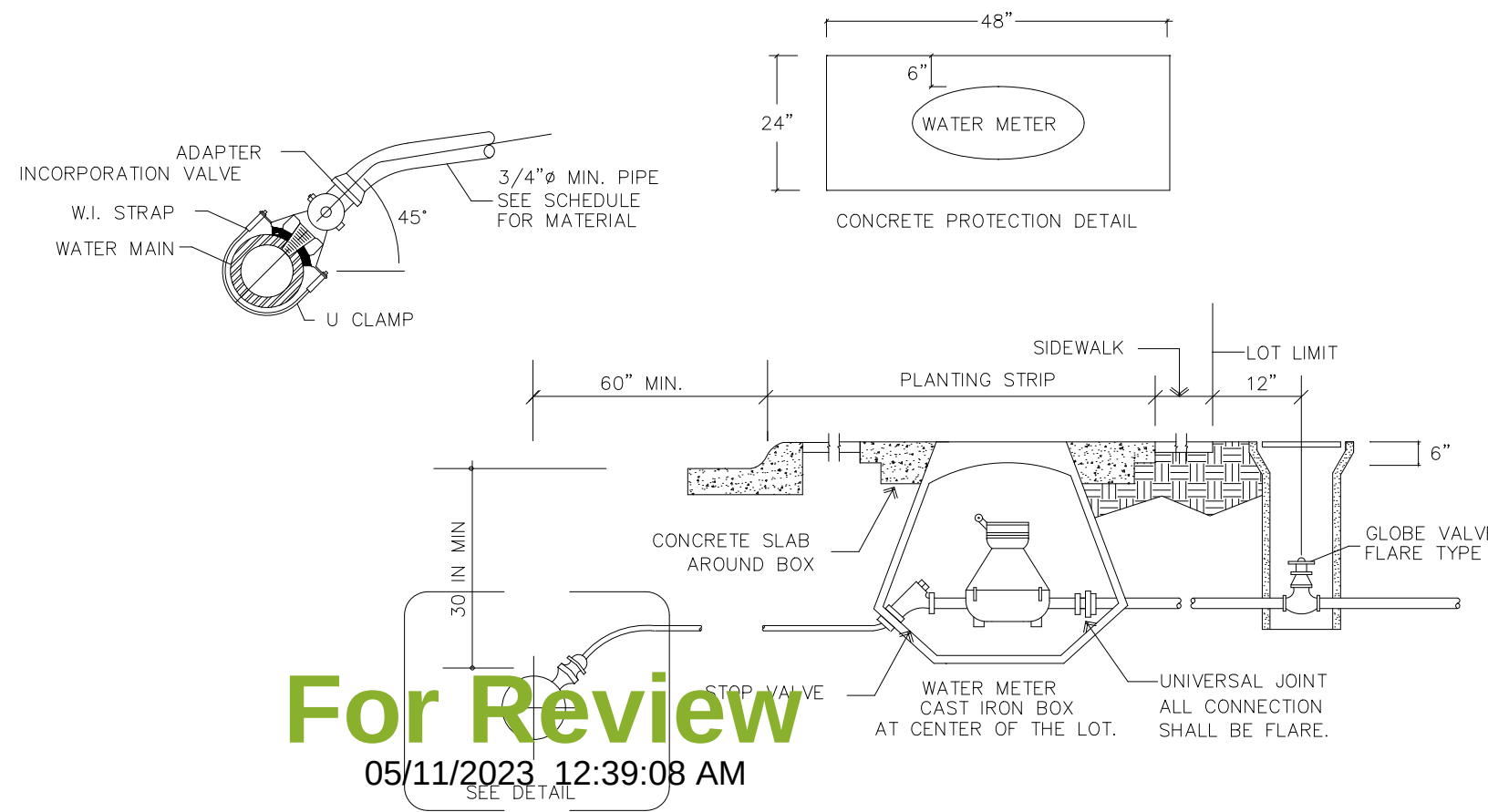
WATER PIPE DETAIL



HOSE BIBB DETAIL



STACK VENT. FLASHING DETAIL



WATER CONNECTION AND METER INSTALLATION

REVISIONS

REV	DATE	DESCRIPTION
1	*	
2	*	
3	*	
4	*	

DATE OF EMISSION: 27-JUL-2022

PROJECT NUMBER: 01

CADD DIRECTORY

PLOT SCALE 3/8=1'-0"

CLIENT

JAVIER LOPERENA

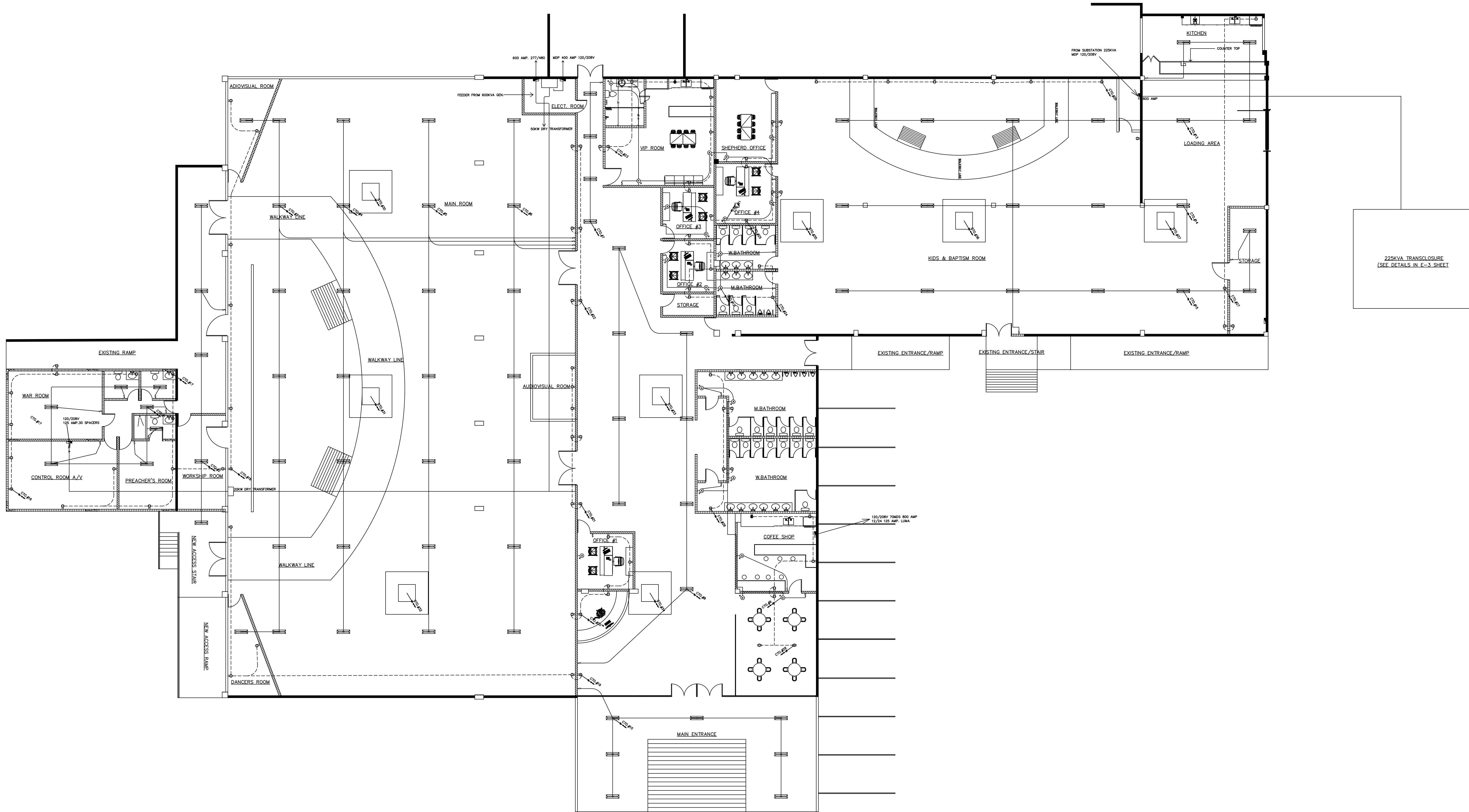
JIREH DESING

PROJECT NAME: RESIDENCIA LOPERENA QUIÑONEZ

DRAWING TITLE: SANITARY GENERAL DETAILS & NOTES

PROJECT NO.

P-3



PROPOSED ELECTRICAL FLOOR PLAN

ESC. 3/32"=1'-0"

For Review

05/11/2023 12:39:08 AM

REVISIONS	
REV	DESCRIPTION
1	
2	
3	
4	

DATE OF EMISSION: 27-JUL-2022
PROJECT NUMBER: 01
CADD: DIRECTORY
PLOT SCALE: 3/8"=1'-0"

JAVIER LOPERENA

JIREH BUILD & DESING



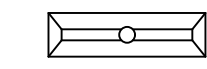
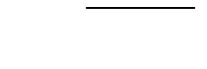
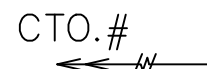
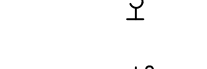
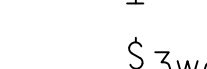
JIREH BUILD & DESING

PROJECT NAME: CENTRO CRISTIANO BETHEL DORADO FACILITIES
DRAWING TITLE: ELECTRICAL PLANS

ELECTRICAL NOTES

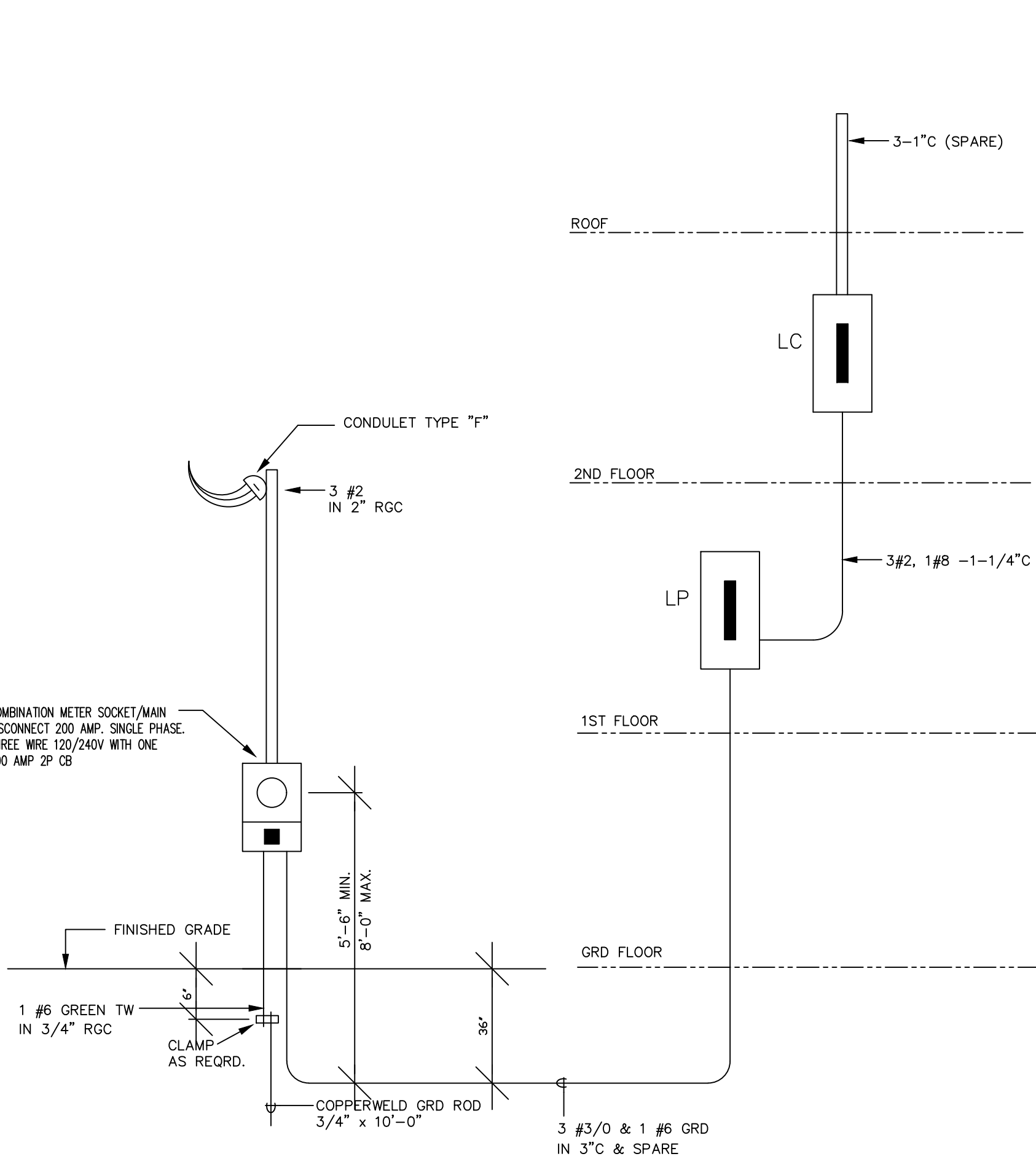
1. THE AUTHORITY ENERGY SERVICE LUMA IT WILL DETERMINE THE POINT IN THE ELECTRICAL DISTRIBUTION SYSTEM FROM WHERE THIS PROJECT WILL BE CONNECTED. THE SOCKET WILL BE ACCORDINF TO THE EXISTING DISTRIBUTION SYSTEM IN THE SECTOR AREA.
2. THE ELECTRICAL INSTALLATION WILL BE PERFORMED AND CERTIFIED BY AN EXPERT OR AUTHORIZED ELECTRICAL ENGINEER ACCORDING TO THE REGULATIONS OF THE AUTHORITY ENERGY SERVICE LUMA.
3. THE ELECTRICAL INSTALLATION WILL BE PERFORMED IN FOLLOWING THE RULES AND PRACTICES OF THE PUERTO RICO CODE AND THE CURRENT NATIONAL CODE AND USING THE BEST PRACTICES OF THE CONSTRUCTION ELECTRICAL FACILITIES.
4. THE MEASURING CENTER MUST BE INSTALLED AT A HEIGHT NO GREATER THAN 8'-0" AND NO LESSER 5'-6" ABOVE THE LEVEL OF THE FLOOR FROM WHERE THEY ARE TO READ INSPECT OR CONTRACT.
5. RECEPTACLE WITH PROTECTION AGAINST GROUND FAULTS (G.F.C.I.) WILL BE PROVIDED IN THE ROOMS OF SANITARY SERVICES AND OUTSIDE THE INTRERPERIENCE.
6. WILL BE USED TO CARRY THE CONDUCTORS FROM THE DISTRIBUTION PANEL TO THE POINTS OF USE PLASTIC DUCT AND ACCESSORIES APPROVED BY THE ELECTRICAL CODE OF PUERTO RICO THE MAXIMUN SIZE OF THIS DUCT WILL BE 1"Ø AND THE MINIMUN WILL BE 1/2"Ø .
7. THE LENGTH OF THE SERVICE INPUT SHOULD NOT EXCEED 75'-0" FROM THE POST TO THE INLET BRACKET PEDESTAL.
8. 20 AMP. CIRCUITS. WILL BE DISTRIBUTED BY CONDUITS CAL. #12.
9. 30 AMP. CIRCUITS. WILL BE DISTRIBUTED BY CONDUITS CAL. #10.
10. 50 AMP. CIRCUITS. WILL BE DISTRIBUTED BY CONDUITS CAL. #6.
11. 60 AMP. CIRCUITS. WILL BE DISTRIBUTED BY CONDUITS CAL. #8.
12. IF PLASTIC DUCT IN USED (RIGID OR FLEXIBLE) IT WILL RUN. A GREEN DUCT FOR EARTH CAPACITY AS INDICATED :
- | | |
|--------------|---------|
| CTO. (AMPS.) | CAL# |
| 20 | 12 THHM |
| 30 | 10 THHM |
| 50 | 10 THHM |
13. THE NEUTRAL DUCT WILL BE OF THE SAME CAPACITY AS THE PHASE CONDUCTORS.
14. THE CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING ANY MATERIAL OR DEVICE THAT IS REQUIRED TO COMPLY WITH ANY CURRENT CODE OR REGULATORY AGENCY WITH AUTHORITY EVENT IF NOT SPECIFIED IN THIS DESIGNS.

LEGEND :

-  CEILING LIGHT FIXTURE, 150W LED HIGH BAY 3FT 120/277V MODEL T10C-150W
-  REFRIGERATOR COOLER DUPLEX CONV. OUTLET 20 A., 120V., GROUNDING TYPE 18" A.F.F. 3 WIR
-  DUPLEX CONV. OUTLET 20 A., 120V., GROUNDING TYPE 18" A.F.F. 3 WIRES.
-  DUPLEX CONV. OUTLET 20 A., 120V., 6" OVER COUNTER BACK SPLASH GROUNDING TYPE 3 WIRE
-  MICROWAVE OUTLET 20 A., 120V., 6" OVER COUNTER BACK SPLASH GROUNDING TYPE 3 WIRES.
-  DISTRIBUTION PANEL (SEE PANEL SCHEDULED)
-  ELECTRICAL PVC FLEXIBLE POLYVINYL 3/4"Ø PIPE IN CEILING OR WALL
-  ELECTRICAL PVC FLEXIBLE POLYVINYL 3/4"Ø PIPE IN FLOOR SLAB OR WALL
-  ELECTRICAL PVC FLEXIBLE POLYVINYL 3/4"Ø PIPE HOME RUN TO MAIN PANEL CIRCUIT INDICATE No. OF WIRE AND CIRCUITS.
-  SINGLE POLE SWITCH 20 AMP., 4'-6" A.F.F.
-  DOUBLE POLE SWITCH 20 AMP., 4'-6" A.F.F.
-  SINGLE POLE SWITCH 3way 20 AMP., 4'-6" A.F.F.
-  SMOKE DETECTOR
-  ELECT. METER. (SEE DIAGRAM)

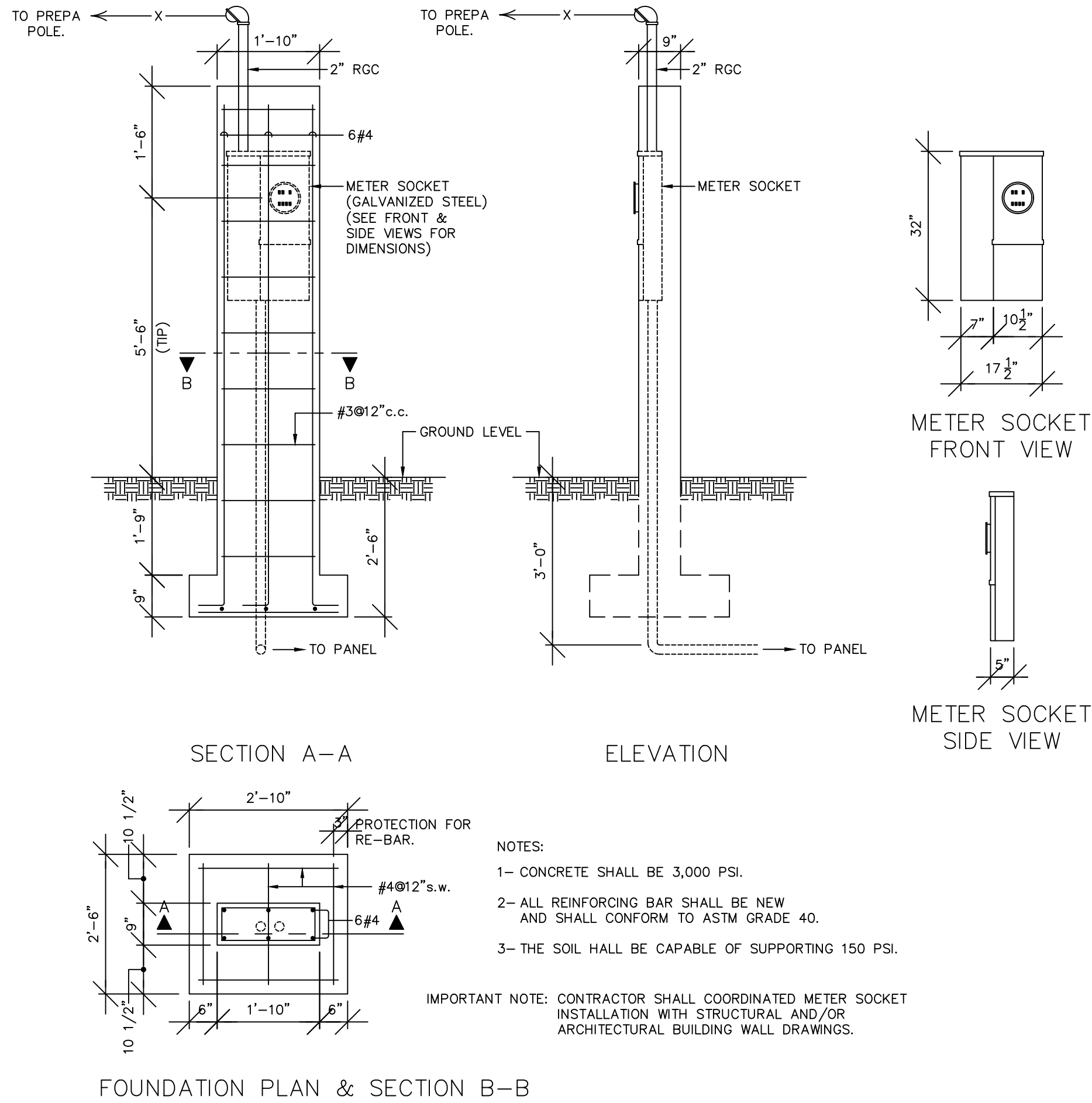
ELECTRICAL PANEL "PNL-A" 120/240V.200A 2P. (32 CKT)						
CKT. No.	SUPPLIES	WIRE	TRIP	POLES	CONDUIT	VOLTAGE
1 TO THE 15	CEILING LIGHTS	2#12 TW.	20	1	3/4"Ø	120
16 TO THE 29	CONV. OUTLETS	2#12 TW.	20	1	3/4"Ø	120
30	ROOF TOP A/C UNIT 20 TON	2#8 TW.	60	3	3/4"Ø	460
31	ROOF TOP A/C UNIT 20 TON	2#8 TW.	60	3	3/4"Ø	460
32	ROOF TOP A/C UNIT 20 TON	2#8 TW.	60	3	3/4"Ø	460

ELECTRICAL PANEL "PNL-B" 277/480V.225A 3P. (32 CKT)						
CKT. No.	SUPPLIES	WIRE	TRIP	POLES	CONDUIT	VOLTAGE
33	ROOF TOP A/C UNIT 20 TON	2#8 TW.	60	3	3/4"Ø	460
34	ROOF TOP A/C UNIT 20 TON	2#8 TW.	60	3	3/4"Ø	460
35	ROOF TOP A/C UNIT 20 TON	2#8 TW.	60	3	3/4"Ø	460
36	ROOF TOP A/C UNIT 20 TON	2#8 TW.	60	3	3/4"Ø	460
36	ROOF TOP A/C UNIT 20 TON	2#8 TW.	60	3	3/4"Ø	460
37	ROOF TOP A/C UNIT 20 TON	2#8 TW.	60	3	3/4"Ø	460



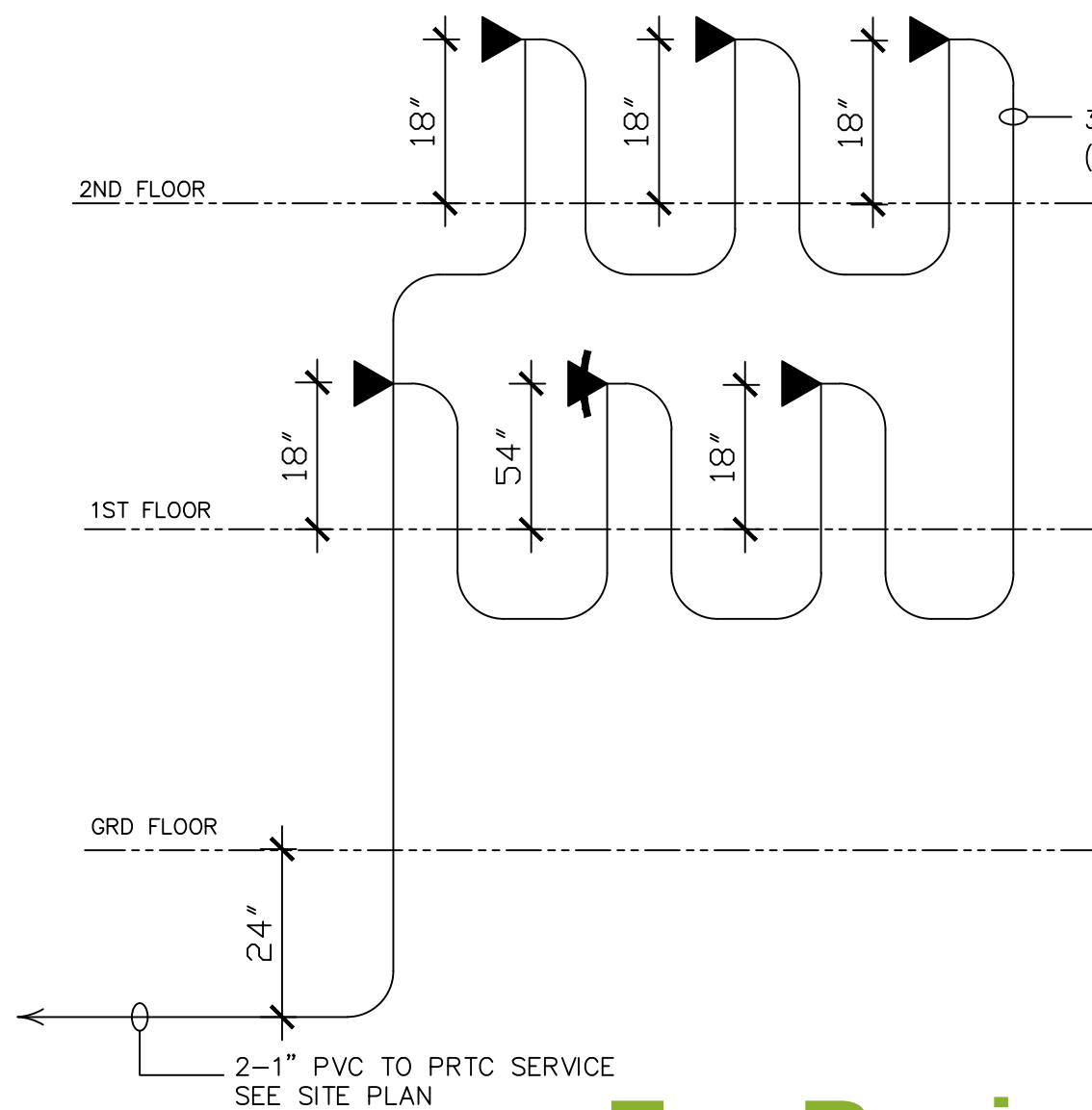
SINGLE LINE RISER DIAGRAM

NOT TO SCALE



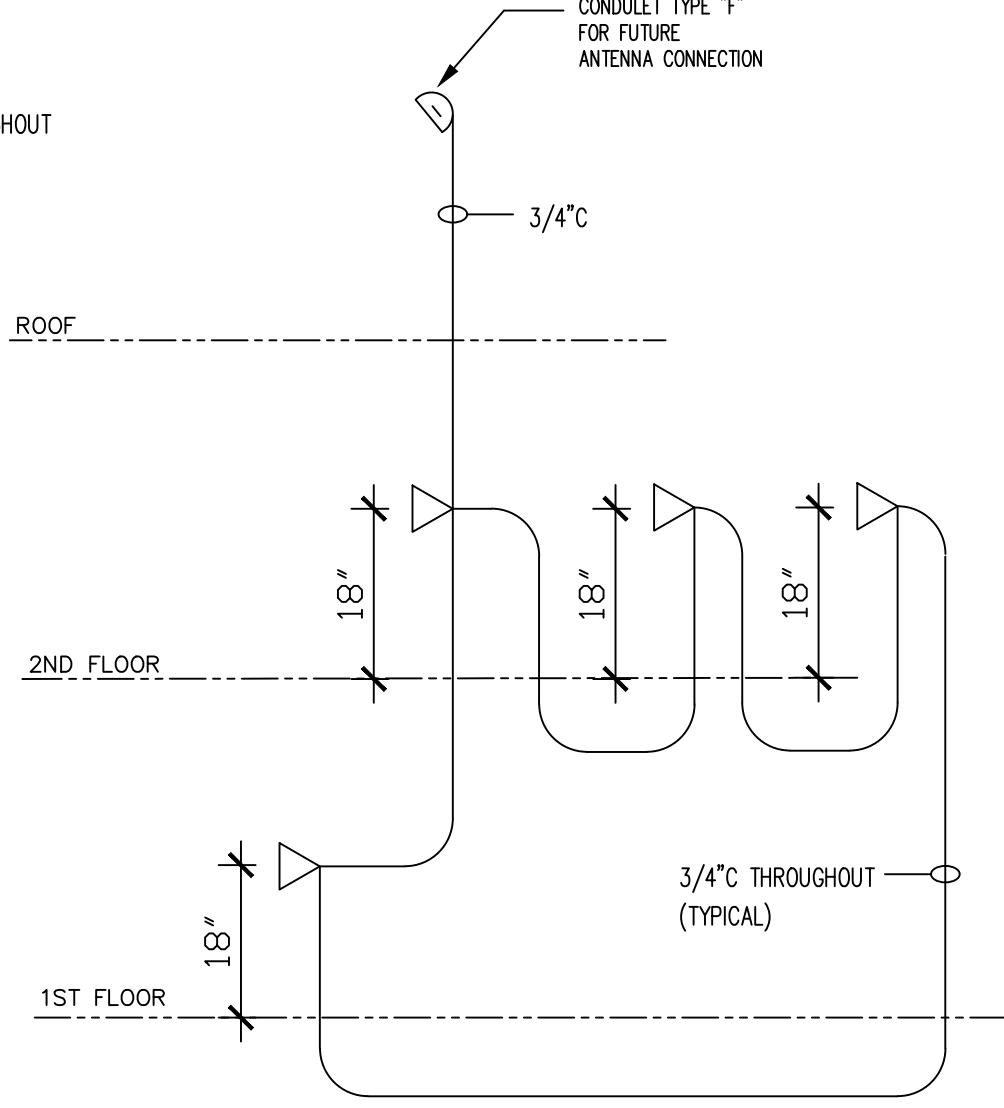
METER COLUMN DETAIL

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



TELEPHONE RISER DIAGRAM

SCALE: N.T.S.



CTV RISER DIAGRAM

SCALE: N.T.S.

R E V I S I O N S

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PLOT SCALE 3/8=1'-0"

JAVIER LOPERENA

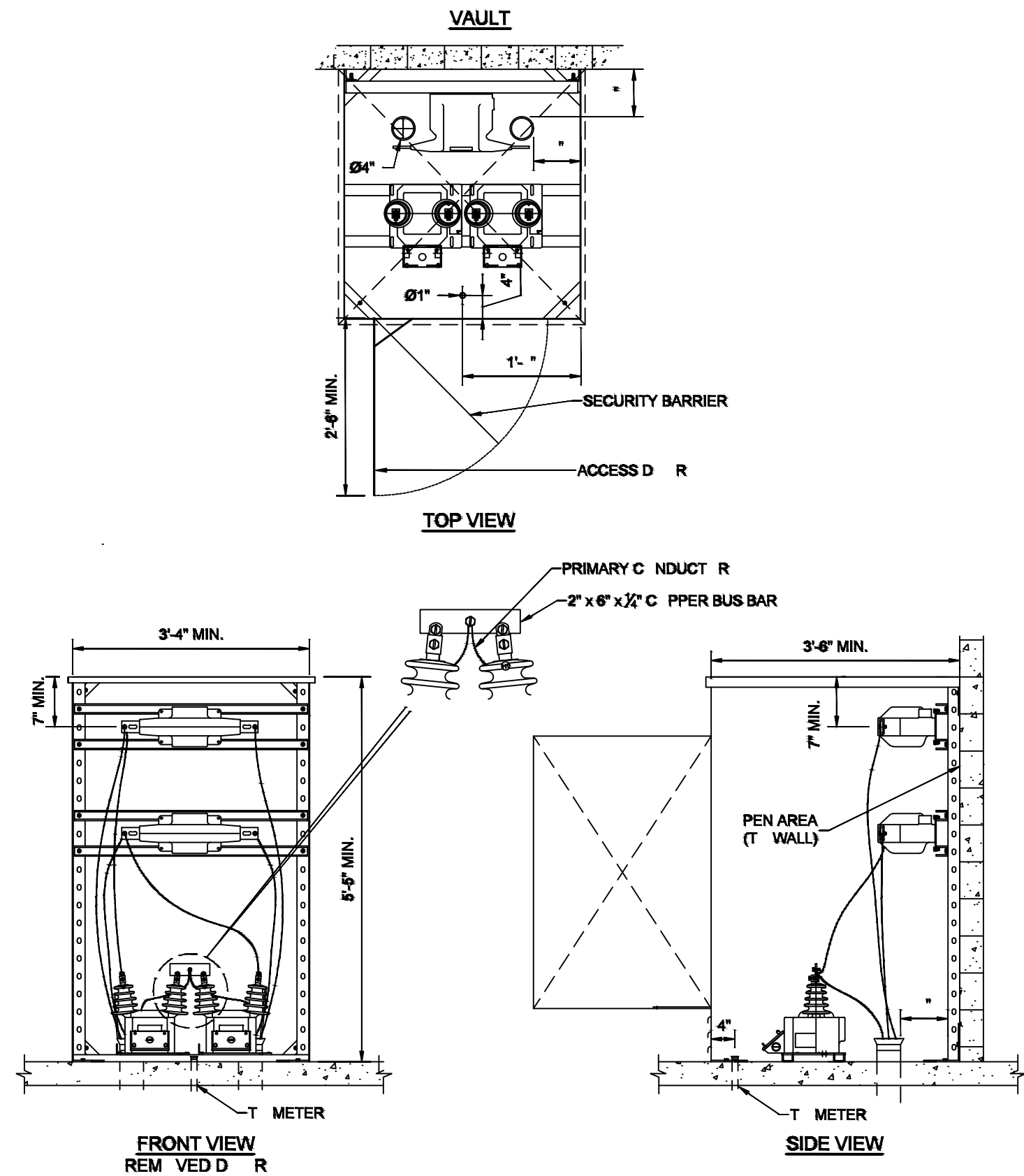
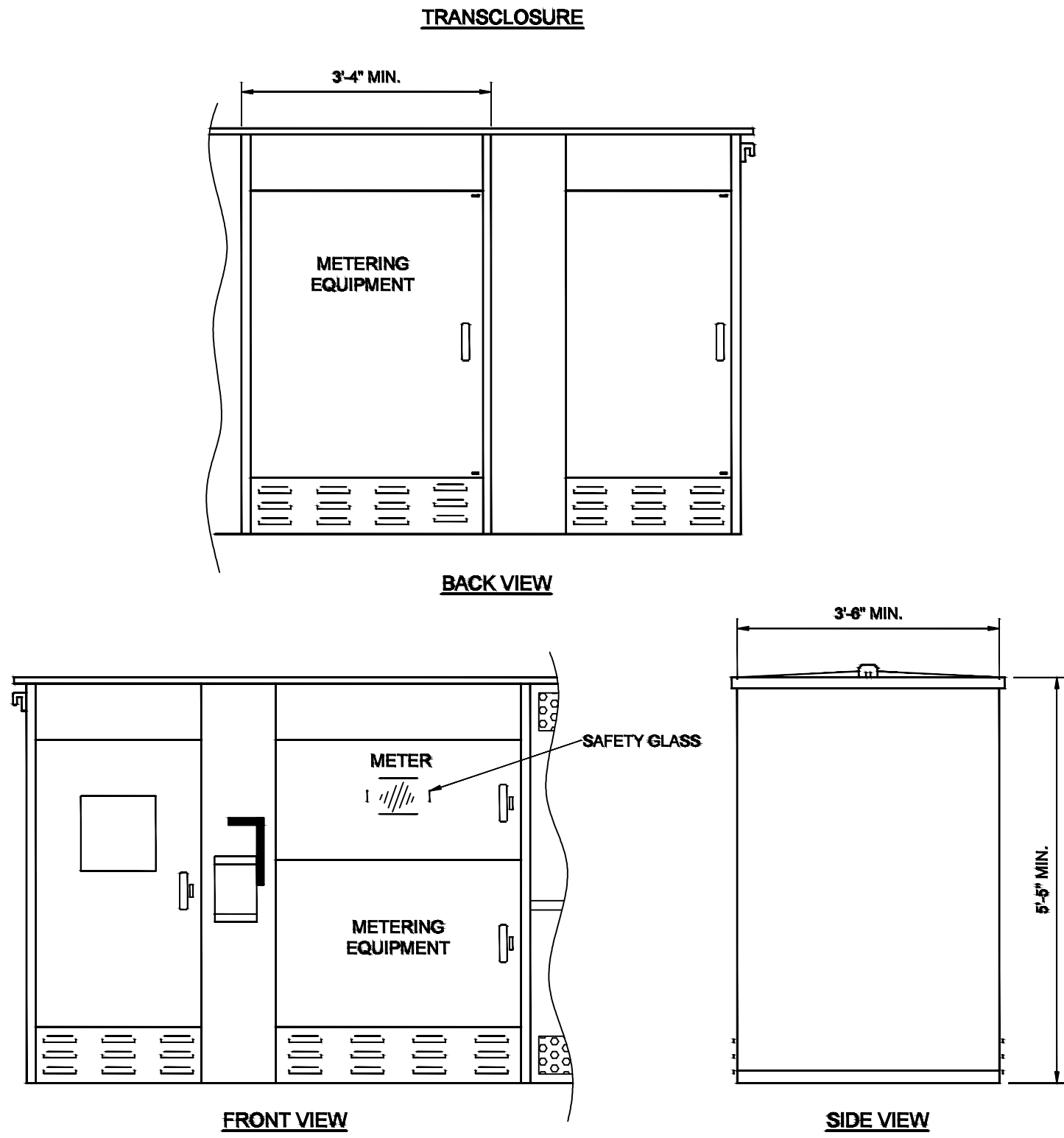
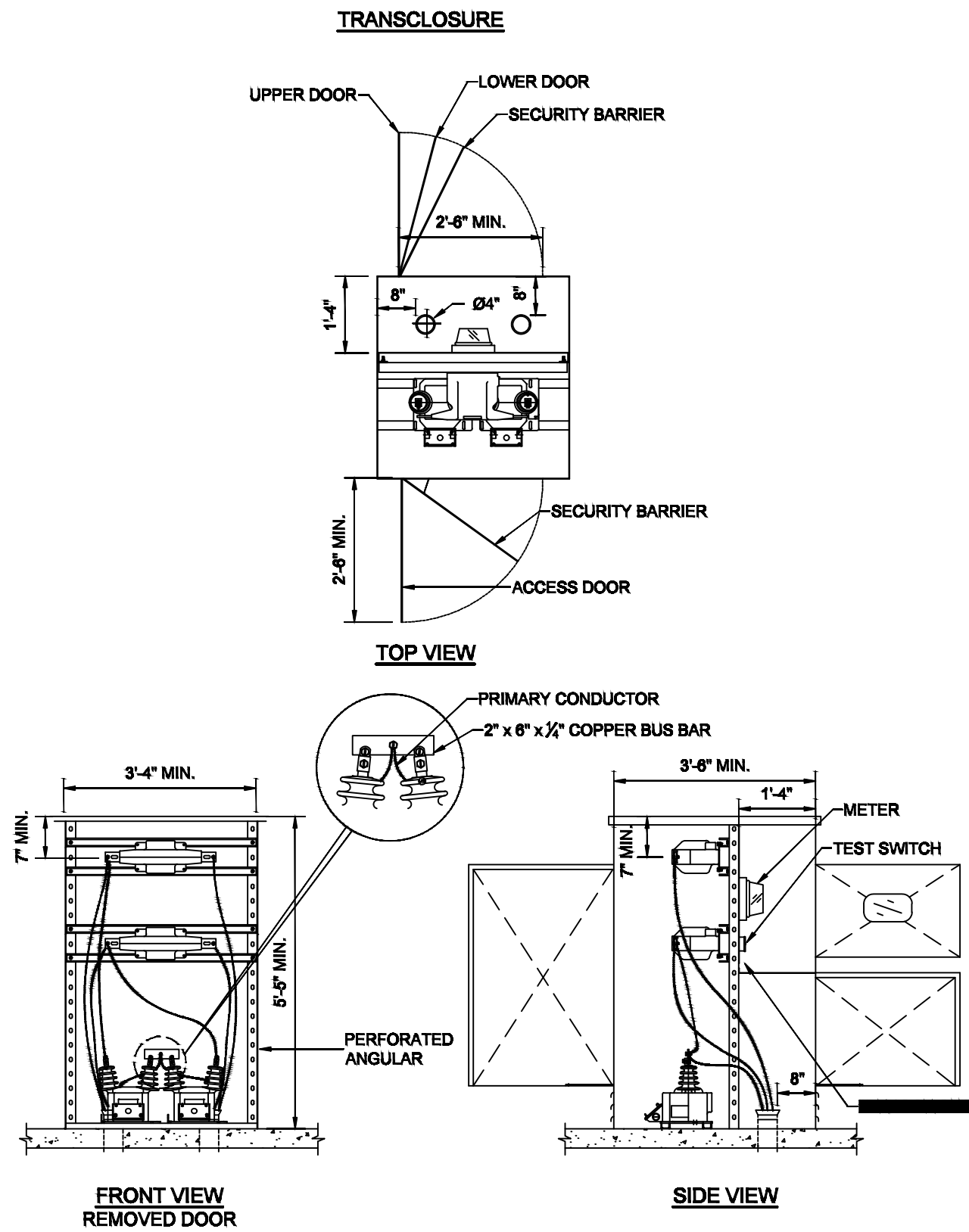
JIREH BUILD & DESING

CENTRO CRISTIANO BETHEL DORADO FACILITIES

DRAWING NO.

E-2

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NOTES:

1. DOORS MUST HAVE PROVISION TO INSTALL PADLOCKS.
2. THE MATERIAL OF THIS EQUIPMENT SHALL BE #12 GAUGE GALVANIZED STEEL OR #14 GAUGE STAINLESS STEEL 304. IF THIS EQUIPMENT IS INSTALLED WITHIN ONE MILE OR LESS OF ANY SALTWATER BODY, THE MATERIAL SHALL BE #14 GAUGE STAINLESS STEEL 304. ANTIRUST PAINT IS RECOMMENDED.
3. THE INSULATION FOR THIS EQUIPMENT WILL BE 15 KV.
4. THE APPLICATION OF THIS EQUIPMENT MUST BE APPROVED BY LUMA PRIOR TO PURCHASE AND INSTALLATION.
5. THE CONSTRUCTION OF THIS EQUIPMENT SHOULD BE ACCORDING TO NEMA, NEC AND LUMA STANDARDS.
6. THE PRESENTED DIMENSIONS OF THE EQUIPMENT ARE MINIMUM. VARIATIONS IN DIMENSIONS MUST COMPLY WITH LUMA STANDARDS AND REGULATIONS.
7. VAULT CUBICLES SHALL HAVE A SECOND SECURITY BARRIER ON BOTH SIDES WHERE PEOPLE HAVE ACCESS TO LIVE PARTS WITH A VOLTAGE GREATER THAN 600 VOLTS ARE EXPOSED. THIS SECOND SECURITY BARRIER SHALL BE MADE OF SAFETY GLASS, EXPANDED-METAL, FIBERGLASS-REINFORCED THERMOSET POLYESTER RESINS. IF EXPANDED-METAL IS USED, IT MUST BE OF THE SAME MATERIAL USED IN THE CABINET CONSTRUCTION, AND THE SECURITY DOOR SHALL ALLOW VISIBILITY TO INTERNAL COMPONENTS.

DUCT SIZING
MAXIMUM VOLTAGE: 13.2 KV

PRIMARY VOLTAGE				
PRIMARY CABLE JACKETED CONCENTRIC NEUTRAL (JCN) TYPE	THREE PHASE SYSTEM 3C - 15 KV UG CABLE, CU, XLPE, 1/3 NEUTRAL		SINGLE PHASE SYSTEM 1C - 15 KV UG CABLE, CU, XLPE, 1/3 NEUTRAL 1C - 600 V, CU, XHHW-2 (NEUTRAL)	
	<u>CABLES SIZE</u>	<u>DUCT MIN. DIAMETER (INCHES)</u>	<u>CABLES SIZE</u>	<u>DUCT MIN. DIAMETER (INCHES)</u>
	3C - #2 AWG, 15 KV	3	1C - #2 AWG, 15 KV 1C - #2 AWG, 600 V	2
	3C - 2/0 AWG, 15 KV	4		
	3C - 4/0 AWG, 15 KV	4		
	3C - 500 MCM, 15 KV	6		
3C - 750 MCM, 15 KV	6			
PRIMARY CABLE TAPE SHIELDED TYPE	THREE PHASE SYSTEM 3C - 15 KV UG CABLE, CU, XLPE 1C - 600 V, CU, XHHW-2 (NEUTRAL)		SINGLE PHASE SYSTEM 1C - 15 KV UG CABLE, CU, XLPE 1C - 600 V, CU, XHHW-2 (NEUTRAL)	
	<u>CABLES SIZE</u>	<u>DUCT MIN. DIAMETER (INCHES)</u>	<u>CABLES SIZE</u>	<u>DUCT MIN. DIAMETER (INCHES)</u>
	3C - #2 AWG, 15 KV 1C - #2 AWG, 600 V	3	1C - #2 AWG, 15 KV 1C - #2 AWG, 600 V	2
	3C - 2/0 AWG, 15 KV 1C - 2/0 AWG, 600 V	4		
	3C - 4/0 AWG, 15 KV 1C - 4/0 AWG, 600 V	4		
	3C - 500 MCM, 15 KV 1C - 4/0 AWG, 600 V	6		
	3C - 750 MCM, 15 KV 1C - 4/0 AWG, 600 V	6		

DUCT SIZING
MAXIMUM VOLTAGE: 13.2 KV
NOTES

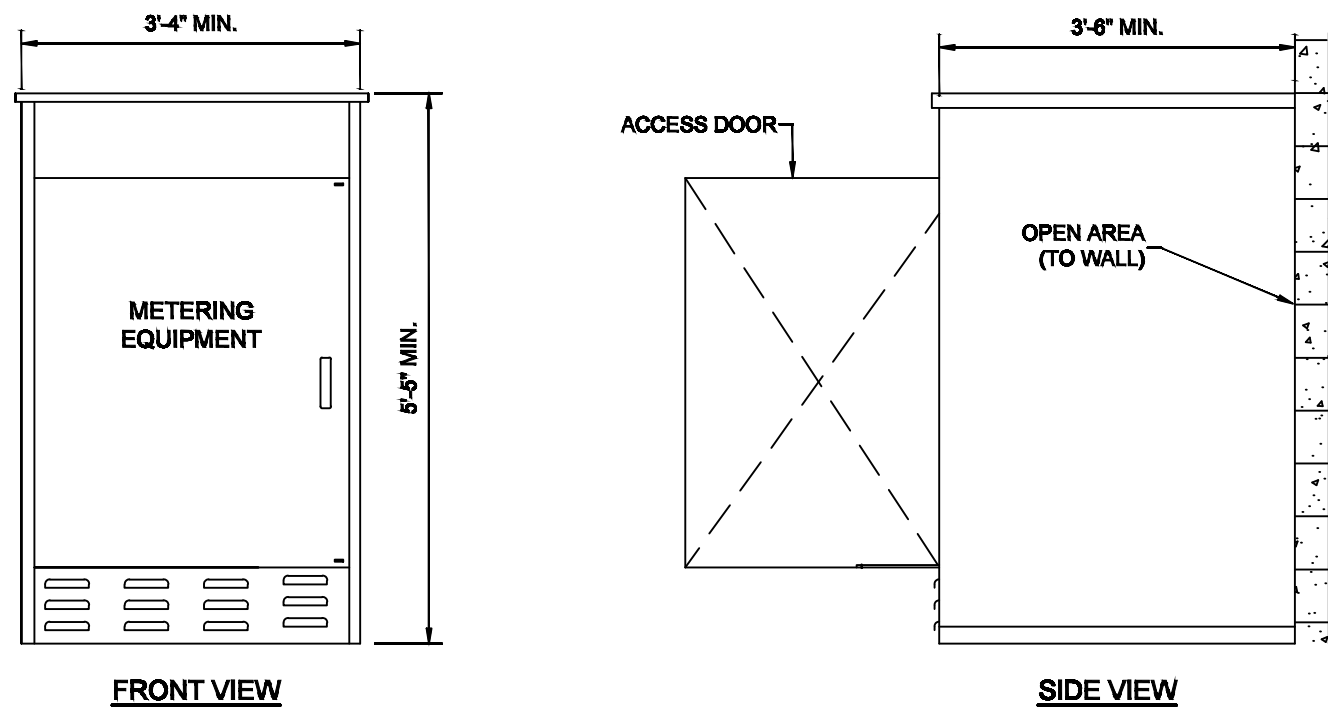
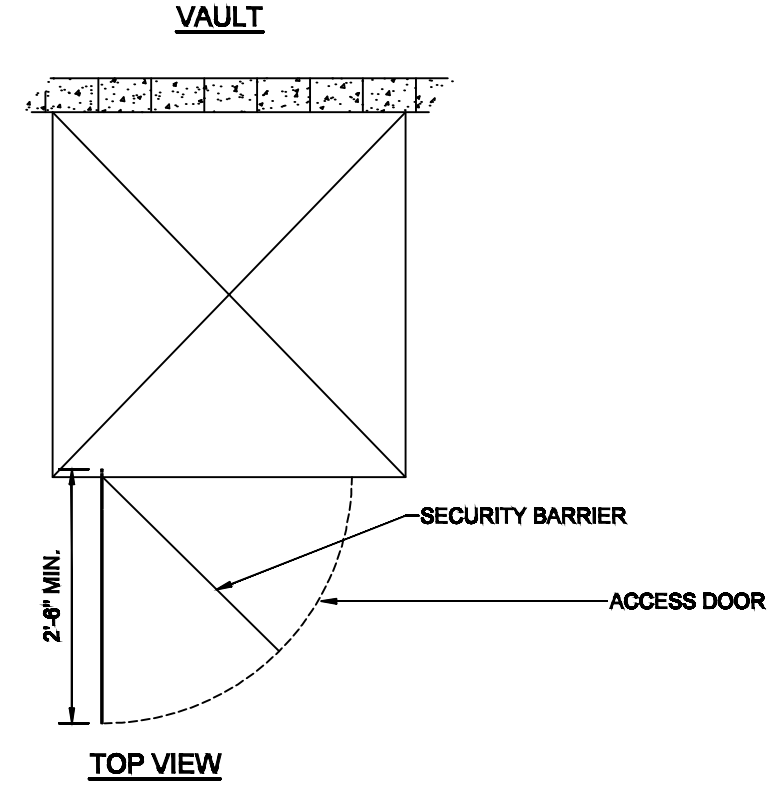
SECONDARY VOLTAGE				
SECONDARY CABLE XHHW-2, 600 V	THREE PHASE SYSTEM 4C - 600 V UG CABLE, CU, XLPE		SINGLE PHASE SYSTEM 3C - 600 V UG CABLE, CU, XLPE	
	CABLES SIZE	DUCT MIN. DIAMETER (INCHES)	CABLES SIZE	DUCT MIN. DIAMETER (INCHES)
	4C - #2 AWG, 600 V	2	3C - #2 AWG, 15 KV	2
	4C - 2/0 AWG, 600 V	2	3C - 2/0 AWG, 600 V	2
	4C - 4/0 AWG, 600 V	3	3C - 4/0 AWG, 600 V	2
	4C - 500 MCM, 600 V	4	3C - 500 MCM, 600 V	3

LEGEND:

- 1C - ONE CONDUCTOR
2C - TWO CONDUCTORS
3C - THREE CONDUCTORS
4C - FOUR CONDUCTORS

NOTES:

1. A CONDUIT SYSTEM IS REQUIRED TO PROVIDE A MECHANICAL PROTECTION FOR THE CABLES AND TO FACILITATE ITS INSTALLATION AND REPLACEMENT. THE DIAMETER OF THE DUCTS WILL BE DETERMINED ACCORDING TO THIS STANDARD AND TO THE GUIDELINES OF THE NATIONAL ELECTRICAL CODE (NEC).
2. THE MAXIMUM LENGTH OF THE CABLE RUNS IS LIMITED BY THE TENSION DEVELOPED IN THEM. THE DESIGNER WILL BE RESPONSIBLE TO DEVELOP, AND SUBMIT FOR LUMA'S EVALUATION, THE CALCULATIONS OF THE PULLING TENSION TO WHICH THE CABLES WILL BE SUBJECTED. IT IS NECESSARY TO INDICATE THE PULLING METHOD TO BE USED, PULL EYE OR BASKET, AND THE LOCATION TO PULL AND FEED EACH DUCT.
3. LUMA REQUIRES THAT PULLING TENSION CALCULATIONS BE SUBMITTED FOR ALL PRIMARY AND SECONDARY VOLTAGE CABLES IN DESIGNS FOR UNDERGROUND DISTRIBUTION SYSTEM, TO VERIFY THAT THE CABLES USEFUL LIFE WOULD NOT BE AFFECTED.
4. THE DESIGN SHALL ALLOW CABLE INSTALLATION WITHOUT APPLYING EXCESSIVE STRESS, FOR WHICH THE DESIGNER NEEDS TO CONSIDER THE FOLLOWING:
 - A. SELECT THE CORRECT DUCT SIZE
 - B. LIMIT THE NUMBER OF CURVES
 - C. NOT EXCEED THE ALLOWABLE PULLING TENSION OF THE CABLES
 - D. LIMIT THE SIDEWALL PRESSURE ON THE CABLE WHEN IS PULLED AROUND A BEND
5. ALL DUCTS USED IN UNDERGROUND DISTRIBUTION SYSTEMS TO BE TRANSFERRED TO LUMA SHALL BE POLYVINYL CHLORIDE SCHEDULE 40 (PVC SCH-40). ALL DUCT ELBOWS AND ACCESSORIES SHOULD BE ALSO PVC SCH-40.



For Review
05/11/2023 12:39:08 AM

R E V I S I O N S

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JAVIER LOPERENA

CLIENT

JIREH BUILD & DESING

CENTRO CRISTIANO BETHEL DORADO FACILITIES

PROJECT NAME :

DRAWING NO.

E-3

DRAWING TITLE :

SUBSTATION DETAILS & NOTES