



**AMADOR COUNTY TRANSPORTATION AND PUBLIC WORKS
PUBLIC WORKS COMMITTEE
MEETING AGENDA**

Conference Room D

Tuesday January 4, 2022

1:00pm

(Supervisors Oneto and Crew)

In compliance with the Americans with Disabilities Act, if you are a person with a disability and you need a modification or accommodation to participate in this meeting, please contact the Public Works Department at (209) 223-6429 or (209) 223-6395 (fax). Requests must be made as early as possible, and at least one full business day before the meeting.

CALL TO ORDER

AGENDA: Approval of agenda for this date. Any and all off-agenda items must be approved by the Committee.

PUBLIC MATTERS NOT ON THE AGENDA: Discussion items only, no action to be taken. Any person may address the Committee at this time upon any subject within the jurisdiction of the Public Works Committee; however, any matter that requires action may be referred to staff and/or Committee for a report and recommendation for possible action at a subsequent Committee meeting. Please note – there is a five (5) minute limit per topic.

MINUTES: Approval of Minutes from December 14, 2021 meeting.

ITEMS:

- 1. Discussion of Utilization of PGE Rule 20 Credit Proceeds
Review of Proposed Public Works Crew Quarters**

TOPICS FOR NEXT MEETING:

For Discussion

NEXT MEETING:

Tuesday March 8, 2022 1 PM

ADJOURNMENT:



AMADOR COUNTY TRANSPORTATION AND PUBLIC WORKS PUBLIC WORKS COMMITTEE MEETING MINUTES

MEETING DATE AND TIME:

December 14, 2021, 1:00 pm

ATTENDEES:

Supervisor Crew, District 1
Supervisor Oneto, District 5
Richard Vela, Public Works Director

CALL TO ORDER:

The meeting was called to order by Supervisor Oneto at 3:15 pm.

AGENDA:

The agenda was approved as posted.

PUBLIC MATTERS NOT ON THE AGENDA:

None.

MINUTES:

Motion by Oneto, second by Crew, to approve the minutes of the April 20, 2021 was carried.

ITEMS:

1. Camanche Village Drive Extension to Highway 88

Public Works Director Vela presented the Committee an update on the proposal of extending Village Drive from the Camanche Village area to SR 88, brought about by the proposed development of Camanche Village Unit 3B. The Developer has withdrawn the proposal for the second access and is moving forward with the development as originally approved in 1973.

Larry Patterson, a resident in the Camanche area, was present to voice his concern with the elimination of a second access to serve the proposed development. He raised concerns with fire/life safety aspects with not having a second access to serve the proposed development.

2. Review of Ordinance from Lake County concerning Permitting of Temporary Dwellings and possible direction for modification for consideration by Amador County

The Board of Directors (BOS) has discussed the issue of placement and occupancy of recreational vehicles as temporary dwellings. Referenced in the discussion was a policy developed by the County of Lake for the permitting the temporary dwellings while recovering

from the Valley Fire in 2015. The BOS requested the Public Works Committee to review the County of Lake policy and provide direction for the modification of the policy for possible consideration by the BOS.

The Committee discussed the merits of the policy and was generally OK with the policy. The Committee felt that an annual permit renewal would be appropriate. The Committee raised the question whether generator usage would be allowed. These considerations will go the BOS for discussion.

3. Waiver of Encroachment Permit Fees

The Committee discussed the discretion of waiving fees for encroachment permits. The Committee felt that the Public Works Director should use his/her discretion in the waiver of fees for encroachment permits, not requiring Board of Supervisors action.

For the purpose of clarity and consistency, the following policy or guidelines are to be followed for the waiver of fees for encroachment permits:

- Fees may be waived for special events sponsored by non-profit organizations for fund raising or community event purposes.
- Fees may be waived for other governmental agencies within Amador County. These requests are few and far between and this gesture is made in the spirit of cooperation with these agencies.

4. Change Order Authorization for Public Works Contracts

Public Works Director Vela outlined a proposal for the handling of minor change orders on public works contracts to be done at the Department level by the Director, similar to contracts administered by the General Services Administration (GSA) where the construction/project manager can approve changes in the contract price effected by a change order for amounts not to exceed \$5,000 per modification or in the aggregate 5% of the contract amount.

For public works projects, the following language is proposed to be included appropriately in the public works contract specifications under Section 4-1.05, Changes and Extra Work:

Alterations, modifications or extras that result in a change in the Contract Price or Contract Time, or both, shall be effected by a written Contract Modification and/or Change Order that has been approved by the Engineer and signed by the Director for amounts not to exceed \$5,000 per modification or in the aggregate 5% of the Contract Price. Modifications in excess of those amounts must be approved by the Board of Supervisors. Those alterations or modifications that do not result in a change in the Contract Price or Contract Time, and do not substantially change the Work, shall be effected only by a written directive to Contractor from the Engineer.

The Committee expressed support for this proposal and directed Director Vela to have this item brought before the Board of Supervisors for consideration under a regular agenda item.

5. Engineering and Traffic Survey (Speed Study) Requests

While the Department has the authority to administer allocated budgeted funds as necessary throughout the fiscal year for Engineering and Traffic Surveys, perhaps more commonly referred to as speed studies, staff is requesting whether the Public Works Committee wishes to review these requests to provide staff with guidance on whether to have surveys/studies performed. The Committee provided the following direction: attempt to bunch requests together and take them to the Board of Supervisors for consideration.

6. Discussion of Utilization of PG&E Rule 20 Credit Proceeds

The Committee continued discussion of the proposed plan for fund utilization in the event the Transportation and Public Works Department is the recipient of all or part of the \$1.9M proceeds from the sale of the PG&E Rule 20 credit sale. Taking into consideration the Committee's stated support for the new public works crew quarters and a greater emphasis on the remaining funds to go towards the road reconstruction/rehabilitation with a lesser emphasis on vehicle replacement. After discussion, the proposed breakdown on the utilization of the \$1.9M would be as follows: \$250,000 toward the new crew quarters, \$300,000 toward heavy-duty diesel vehicle replacement (matching allocated SB1 funds) and the remaining \$1,350,000 toward road reconstruction/rehabilitation.

The Committee wished to revisit the plans for the new crew quarters. Public Works Director Vela will provide the building plans to the Committee for a follow up discussion at the next Committee meeting.

TOPICS FOR NEXT MEETING:

1. Continued discussion on the PG&E Rule 20 credit proceeds, in particular the allocation for the new public works crew quarters. Public Works Director Vela will provide plans for the proposed building.

NEXT MEETING:

January 4, 2022, 1 pm.

The Committee recommended a bi-monthly meeting schedule with meetings occurring after the first BOS meeting of that month.

ADJOURNMENT: The meeting was adjourned at 4:45 pm.



AMADOR COUNTY COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION & PUBLIC WORKS

PHONE: (209) 223-6429

FAX: (209) 223-6395

WEBSITE: www.amadorgov.org

EMAIL: PublicWorks@amadorgov.org

COUNTY ADMINISTRATION CENTER • 810 COURT STREET • JACKSON, CA 95642-2132

PUBLIC WORKS COMMITTEE MEETING DATE: January 4, 2022

AGENDA ITEM 1

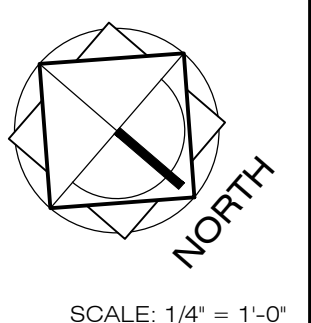
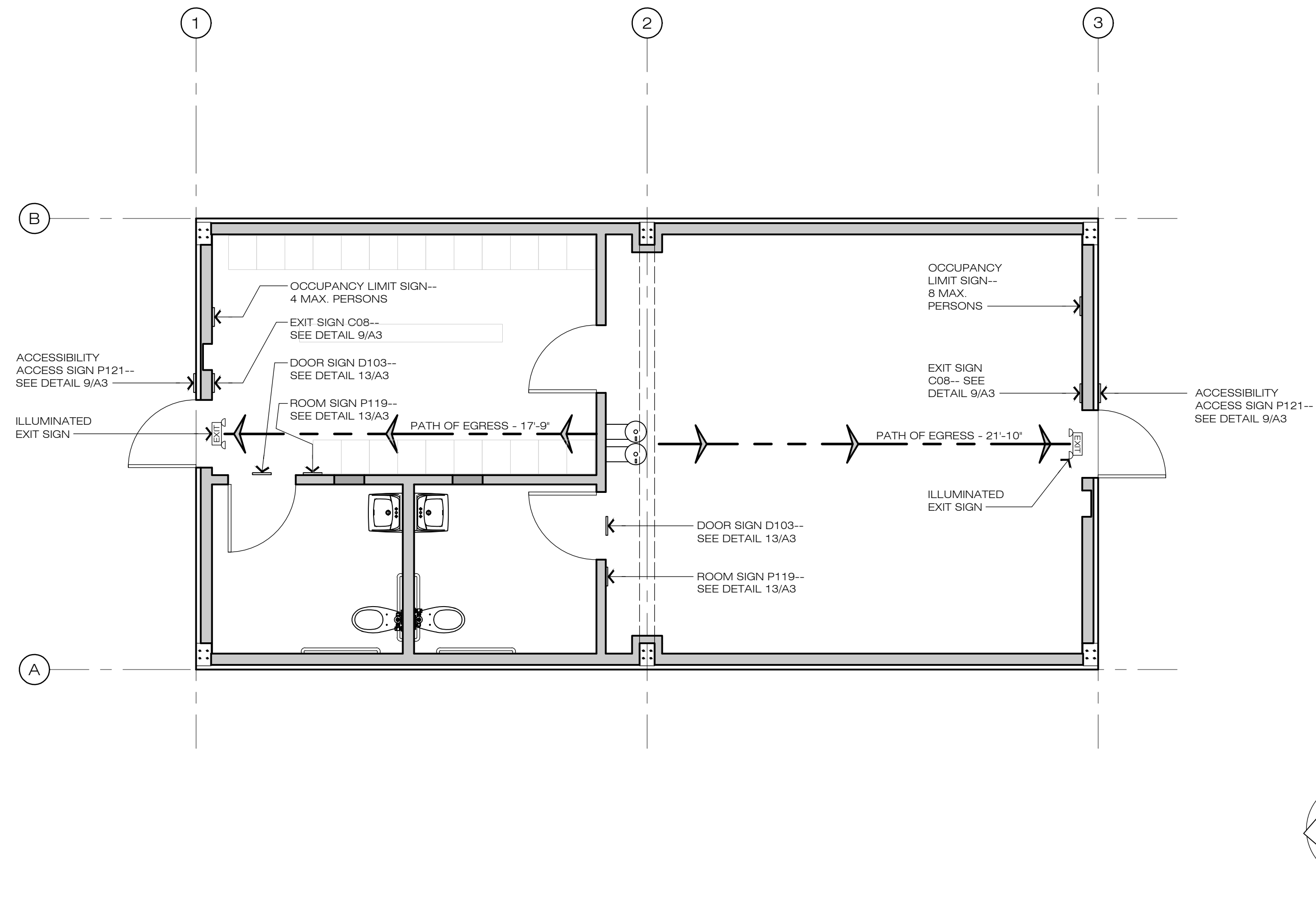
To: Public Works Committee

From: Richard Vela, Public Works Director

Subject: **Discussion of Utilization of PG&E Rule 20 Credit Proceeds
Review of Proposed Public Works Crew Quarters**

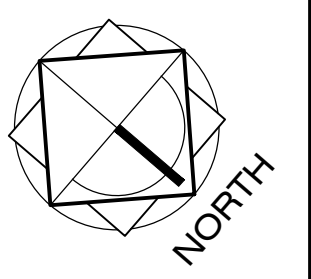
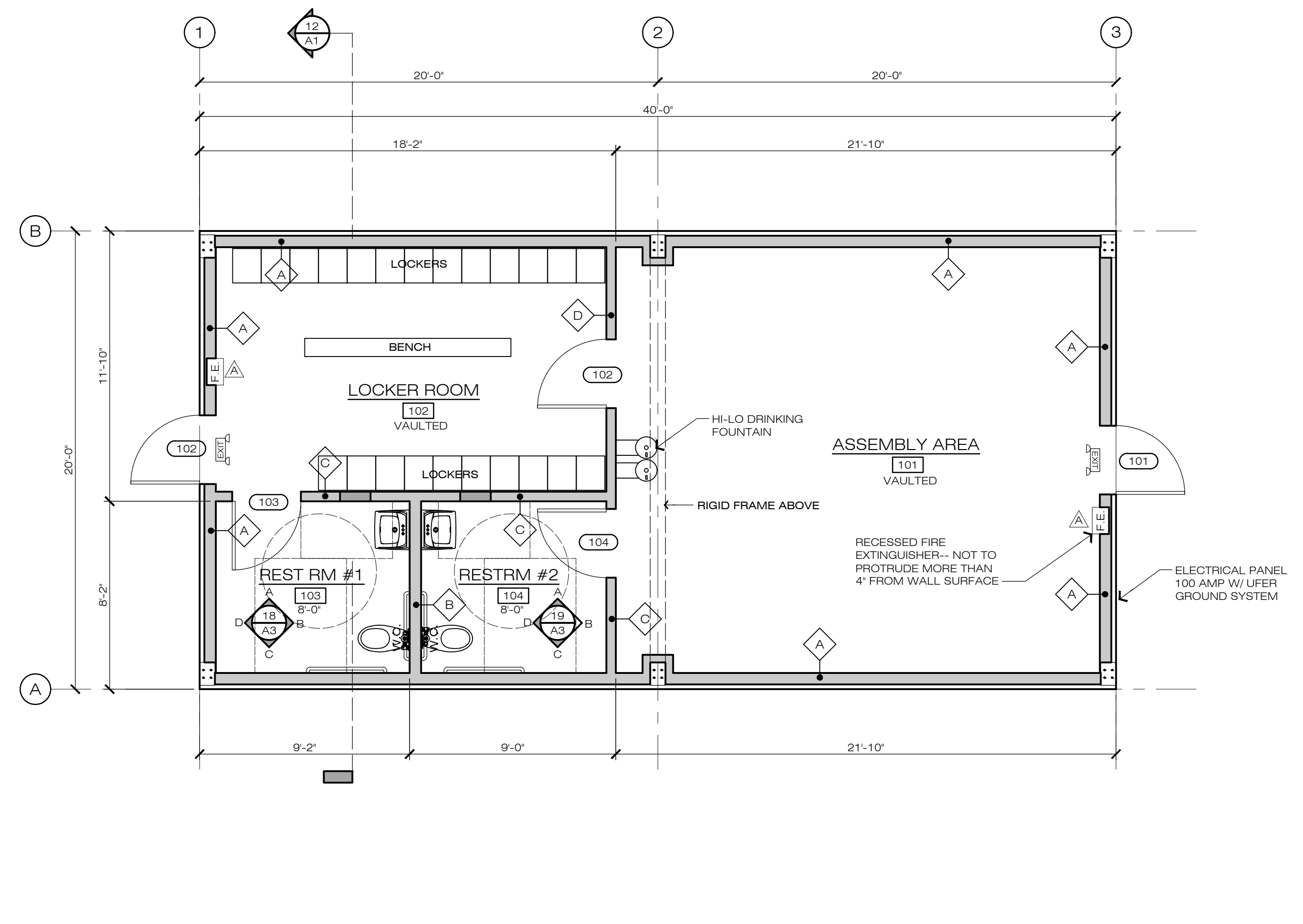
At its December 14, 2021 meeting, the Public Works Committee continued discussion of the proposed plan for fund utilization in the event the Transportation and Public Works Department is the recipient of all or part of the \$1.9M proceeds from the sale of the PG&E Rule 20 credit sale. Taking into consideration the Committee's stated support for the new public works crew quarters and a greater emphasis on the remaining funds to go towards the road reconstruction/rehabilitation with a lesser emphasis on vehicle replacement. After discussion, the proposed breakdown on the utilization of the \$1.9M would be as follows: \$250,000 toward the new crew quarters, \$300,000 toward heavy-duty diesel vehicle replacement (matching allocated SB1 funds) and the remaining \$1,350,000 toward road reconstruction/rehabilitation.

The Committee wished to revisit the plans for the new crew quarters for a follow up discussion at the next Committee meeting In January 2022. Enclosed is the plan set for the crew quarters facilities that was bid out in January 2020. The proposed building is approximately 800 SF which includes an assembly area, a locker room and two restrooms.



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

18 EGRESS PLAN



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

20 FLOOR PLAN

- THESE DRAWINGS ARE THE PROPERTY OF WRF ENGINEERING AND DESIGN AND SHALL NOT BE USED ON ANY OTHER JOB THAN THAT FOR WHICH THEY WERE INTENDED WITHOUT THE WRITTEN AGREEMENT OF TERRY WEATHERBY, GRANT REYNOLDS, OR KEVIN FRITSON.
- THE DESIGNER ASSUMES NO RESPONSIBILITY FOR THE QUALITY OF WORK AND MATERIALS, METHODS OF CONSTRUCTION, OR TIMELINESS IN PERFORMANCE OF WORK AT THE JOBSITE.
- THE OWNER SHALL BE RESPONSIBLE FOR ALL FEES, TAXES, ASSESSMENTS, AND FOR OBTAINING ALL APPLICABLE PERMITS.
- THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE FEATURES OF THE SITE AND THE DRAWINGS PRIOR TO BEGINNING ANY WORK.
- THE OWNER AND CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THESE DOCUMENTS. ANY ERRORS, OMISSIONS, OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER AS SOON AS POSSIBLE.
- WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS AND SHALL BE VERIFIED ON THE JOB. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER PRIOR TO BEGINNING ANY WORK.
- ALL WORK SHALL BE FIRST QUALITY, PERFORMED IN A WORKMANLIKE MANNER, AND IN KEEPING WITH ACCEPTED BUILDING PRACTICES.
- ALL FIXTURES, EQUIPMENT, AND SPECIALTY ITEM SIZES AND REQUIREMENTS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND INSTALLATION.
- ALL FIXTURES, APPLIANCES, MATERIALS, FINISHES, AND OTHER ITEMS NOT SPECIFIED BY MANUFACTURER, MODEL NUMBER, OR OTHER DESCRIPTION SHALL BE SELECTED AND APPROVED BY THE OWNER(S) PRIOR TO INSTALLATION.
- ALL MATERIALS AND FIXTURES SHALL BE INSTALLED AS PER THE MANUFACTURERS RECOMMENDATIONS UNLESS OTHERWISE NOTED.
- REPLACE ALL PLUMBING FIXTURES (FAUCETS, TOILETS, ETC.) TO WATER-CONSERVING FIXTURES.

1 PLAN NOTES

- DESIGNATED EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT USE OF KEY, SPECIAL KNOWLEDGE, OR EFFORT.
- REGARDLESS OF OCCUPANT LOAD, A FLOOR OR LANDING NOT MORE THAN 1/2" INCH BELOW THE THRESHOLD IS REQUIRED ON EACH SIDE OF A DOORWAY. A DOOR THRESHOLD SHALL BE 1/4" MAXIMUM VERTICAL WITHOUT INTERRUPTION. ALL DOOR THRESHOLDS SHALL COMPLY WITH CBC 11B-303. CHANGES IN LEVEL OF 1/4" INCH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. CHANGES IN LEVEL BETWEEN 1/4" INCH MINIMUM AND 1/2" INCH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.
- IN GROUPS A, OCCUPANCIES HAVING AN OCCUPANT LOAD OF 300 OR LESS; B, F, M AND S OCCUPANCIES AND IN ALL CHURCHES, KEY-LOCKING HARDWARE MAY BE USED ON THE MAIN DESIGNATED EXIT DOOR WHERE THE MAIN EXIT CONSISTS OF A SINGLE DOOR OR PAIR OF DOORS WHERE THERE IS A READILY VISIBLE, DURABLE SIGN ON OR ADJACENT TO THE DOOR STATING "THIS DOOR TO REMAIN UNLOCKED WHENEVER THE BUILDING IS OCCUPIED." THE SIGN SHALL BE IN LETTERS NOT LESS THAN 1" INCH (25mm) HIGH ON A CONTRASTING BACKGROUND. WHEN UNLOCKED, THE SINGLE DOOR OR BOTH LEAVES OF A PAIR OF DOORS MUST BE FREE TO SWING WITHOUT OPERATION OF ANY LATCHING DEVICE.
- DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. MANUALLY OPERATED BOLTS OR SURFACE BOLTS ARE NOT PERMITTED. THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION.
- LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
- HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30" AND 44" ABOVE THE FLOOR.
- WHEN INSTALLED, DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32" WITH THE DOOR OPEN 90 DEGREES.
- MINIMUM MANEUVERING CLEARANCES AT DOORS SHALL BE AS SHOWN IN THE CBC FIGURE 11B-26A AND 11B-26B. THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR.
- THERE SHALL BE A LEVEL AND CLEAR FLOOR OR LANDING ON EACH SIDE OF A DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 48" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN THE CLOSED POSITION. WHERE THE PLANE OF THE DOORWAY IS OFFSET OR LOCATED IN AN ALCOVE A DISTANCE MORE THAN 8" MEASURED FROM THE PLANE OF THE DOORWAY TO THE FACE OF THE WALL, THE DOOR SHALL BE PROVIDED WITH 60" MANEUVERING CLEARANCE FOR FRONT APPROACH.
- THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWING SHALL EXTEND 24" PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 18" FOR INTERIOR DOORS.
- THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE NARROW FRAME DOORS ARE USED, A 10" HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
- MAXIMUM EFFORT TO OPERATE EXTERIOR AND INTERIOR DOORS SHALL NOT EXCEED 5 POUNDS, WITH SUCH PUSH OR PULL EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS.
- ACCESSIBLE ENTRANCE SHALL BE IDENTIFIED BY A 6" x 6" INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN.
- AT EACH GRADE LEVEL EXIT DOOR, THERE SHALL BE A TACTILE/BRAILLE EXIT SIGN WITH THE WORD "EXIT" MOUNTED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR.
- PLACE ALL PERMANENT IDENTIFICATION SIGNS ON THE APPROACH SIDE OF DOORS.
- AT EACH EXIT DOOR LEADING TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF A STAIRWAY OR RAMP, THERE SHALL BE A TACTILE/BRAILLE EXIT SIGN WITH THE WORDS "EXIT STAIRS DOWN (OR UP)" OR "EXIT RAMP DOWN (OR UP)" MOUNTED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR.

7 METAL BUILDING STRUCTURE

- METAL BUILDING RIGID FRAME(S) AND/OR END WALL FRAMES (PRIMARY MEMBERS) SHALL BE GALVANIZED BY METAL BUILDING MANUFACTURER.
- METAL BUILDING WALL GIRTS AND ROOF PURLINS (SECONDARY MEMBERS) SHALL BE GALVANIZED BY METAL BUILDING MANUFACTURER.
- METAL BUILDING SHEATHING (ROOF AND EXTERIOR WALLS) SHALL RECEIVE GALVALUME PRIOR TO COLOR COAT.
- METAL BUILDING (EXTERIOR) WALLS (GIRTS AND COLUMNS) AND CEILINGS TO BE ENTIRELY ENCLOSED AND COVERED WITH GYPSUM WALLBOARD. NO METAL MEMBERS SHALL BE VISIBLE WITHIN THE BUILDING.
- VINYL COVERED INSULATION MAY BE USED AS LONG AS THE SPECIFIED R-VALUES ARE INSTALLED.

3 DOOR REQUIREMENT NOTES

- A 2x6 WALL W/ R-21 BATT INSULATION INSIDE 8" WALL GIRTS OF METAL SHELL
- B 2x6 WALL (PLUMB WALL)
- C 2x4 WALL W/ SOUND ATTENUATION INSULATION
- D 2x4 WALL

4 WALL LEGEND

THIS DRAWING IS NOT FINAL AND IS NOT TO BE USED FOR CONSTRUCTION UNTIL STAMPED AND WET-SIGNED BY THE PROJECT ENGINEER.
 Construction contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property, that this requirement shall be made to apply continuously and not be limited to normal working hours, and construction contractor further agrees to defend, indemnify and hold design professional harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting liability arising from the sole negligence of design professional.

8 METAL BUILDING FINISHES

MARK	DATE	DESCRIPTION	BY
A	11-06-19	MATERIAL SPECS	VLM

REVISIONS

CLIENT:
CREWS QUARTERS BUILDING FOR:
AMADOR COUNTY GENERAL SERVICES - PUBLIC WORKS

MAILING ADDRESS:
 AMADOR CO. GENERAL SERVICES
 610 COURT STREET
 JACKSON, CA 95642
 (209) 304-2446

PROJECT LOCATION:
 12200 AIRPORT ROAD
 JACKSON, CA 95642
 A.P.N. 044-010-116-000

WEATHERBYREYNOLDSFRITSON

ENGINEERING AND DESIGN

PROFESSIONAL ENGINEER
 TERRY WEATHERBY
 No. 5332
 Lic. Exp. 12-31-21
 CIVIL ENGINEER
 KEVIN FRITSON
 No. 5332
 Lic. Exp. 12-31-21
 STATE OF CALIFORNIA

(209) 223-0381 [Voice]
 (209) 223-0716 [Fax]
 216 Peak Street
 Jackson, CA 95642
<http://www.wrfed.com>

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DRAWINGS

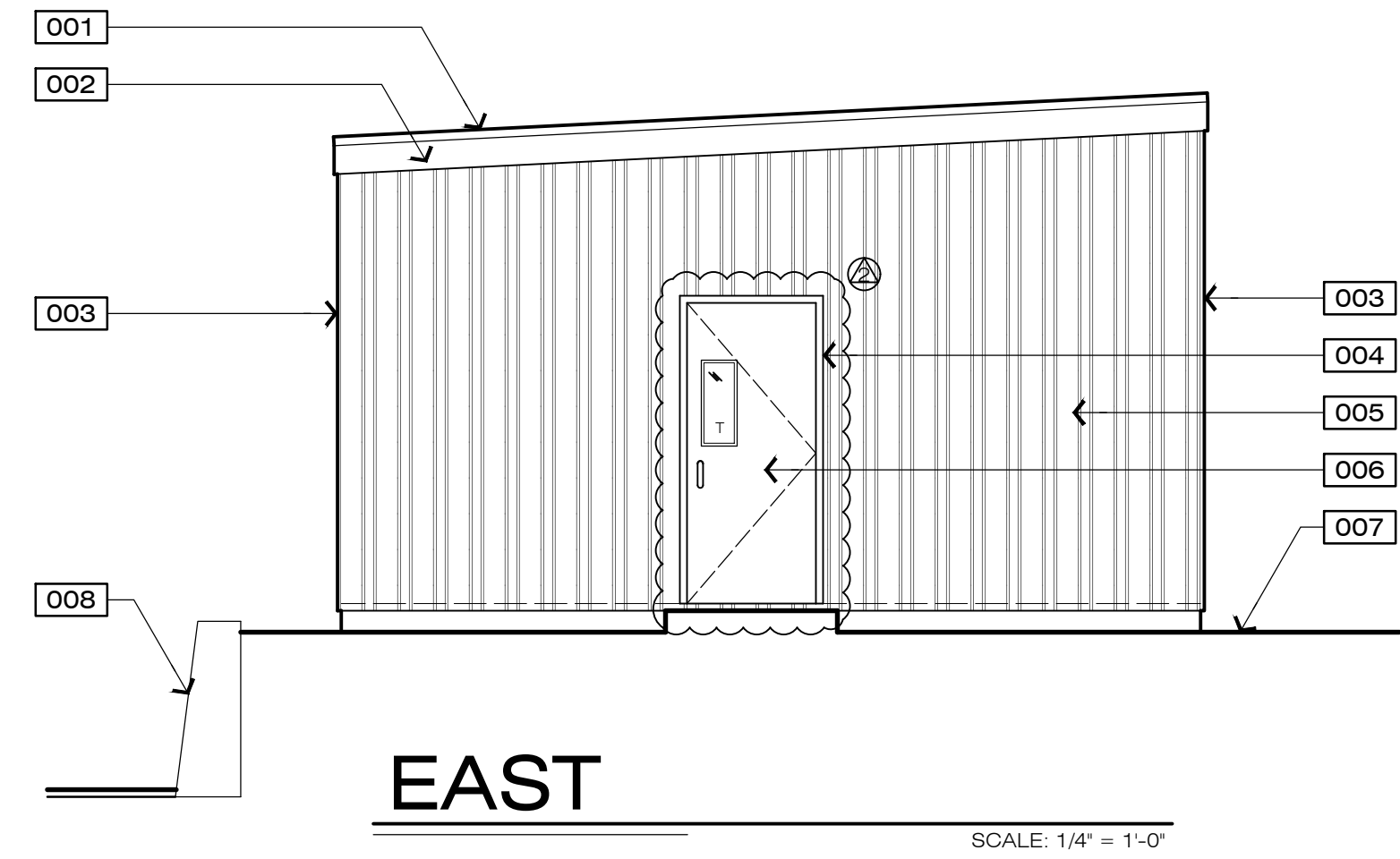
FLOOR PLAN, EGRESS PLAN AND NOTES

FILE NO. D-7467
 DRAWN BY VLM
 DATE 01-2019
 SCALE AS NOTED
 SHEET

A1

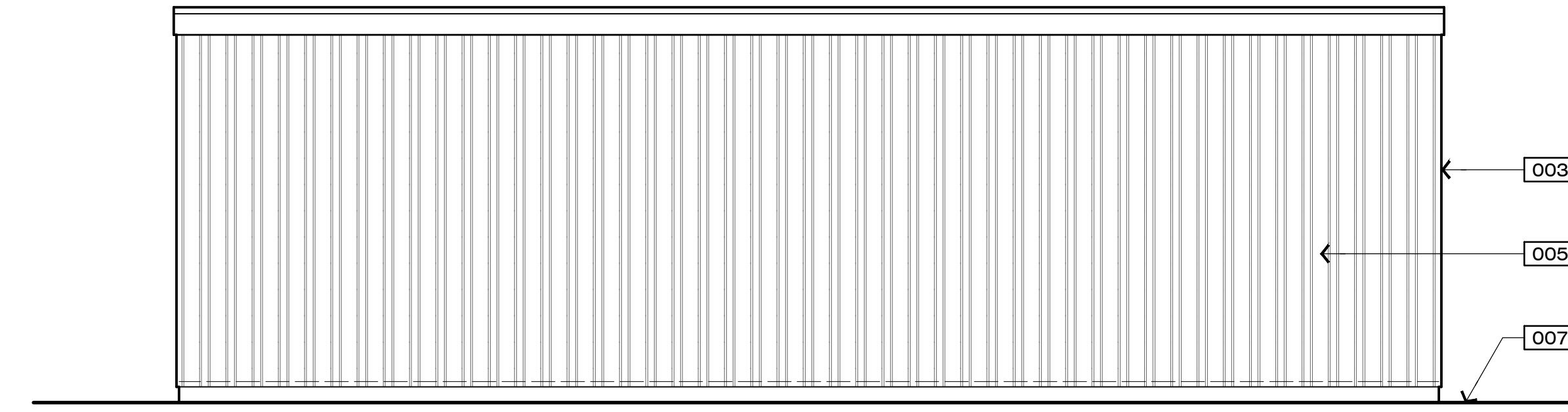
2 OF 9 SHEETS

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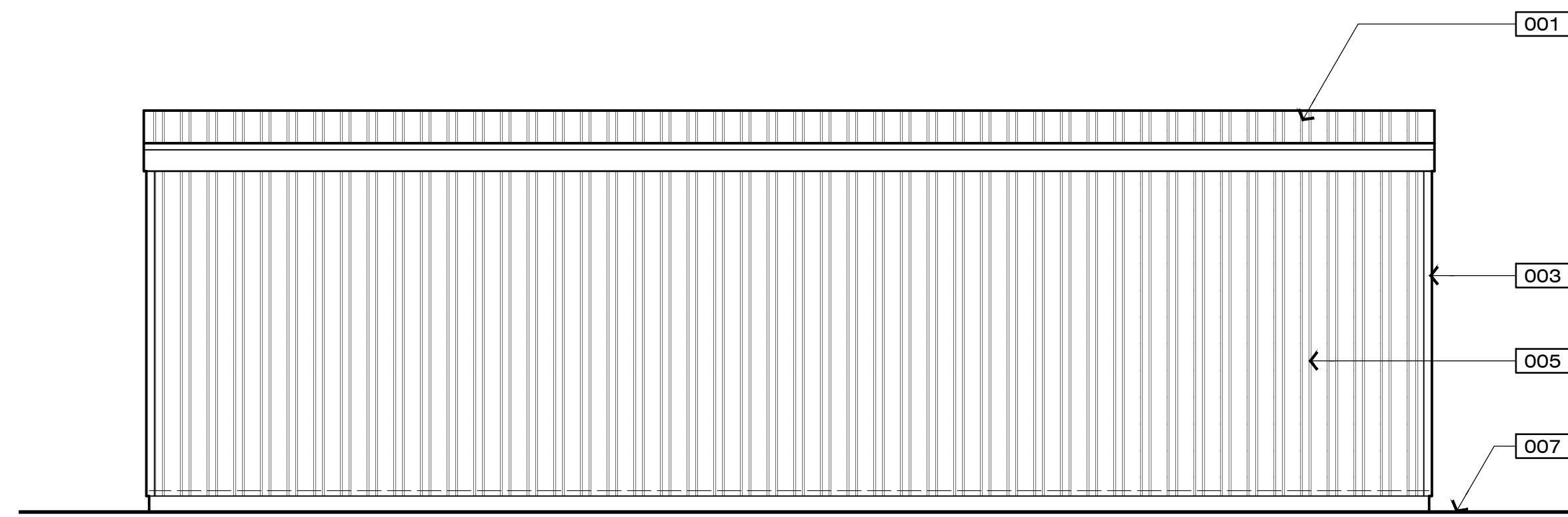
EAST

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



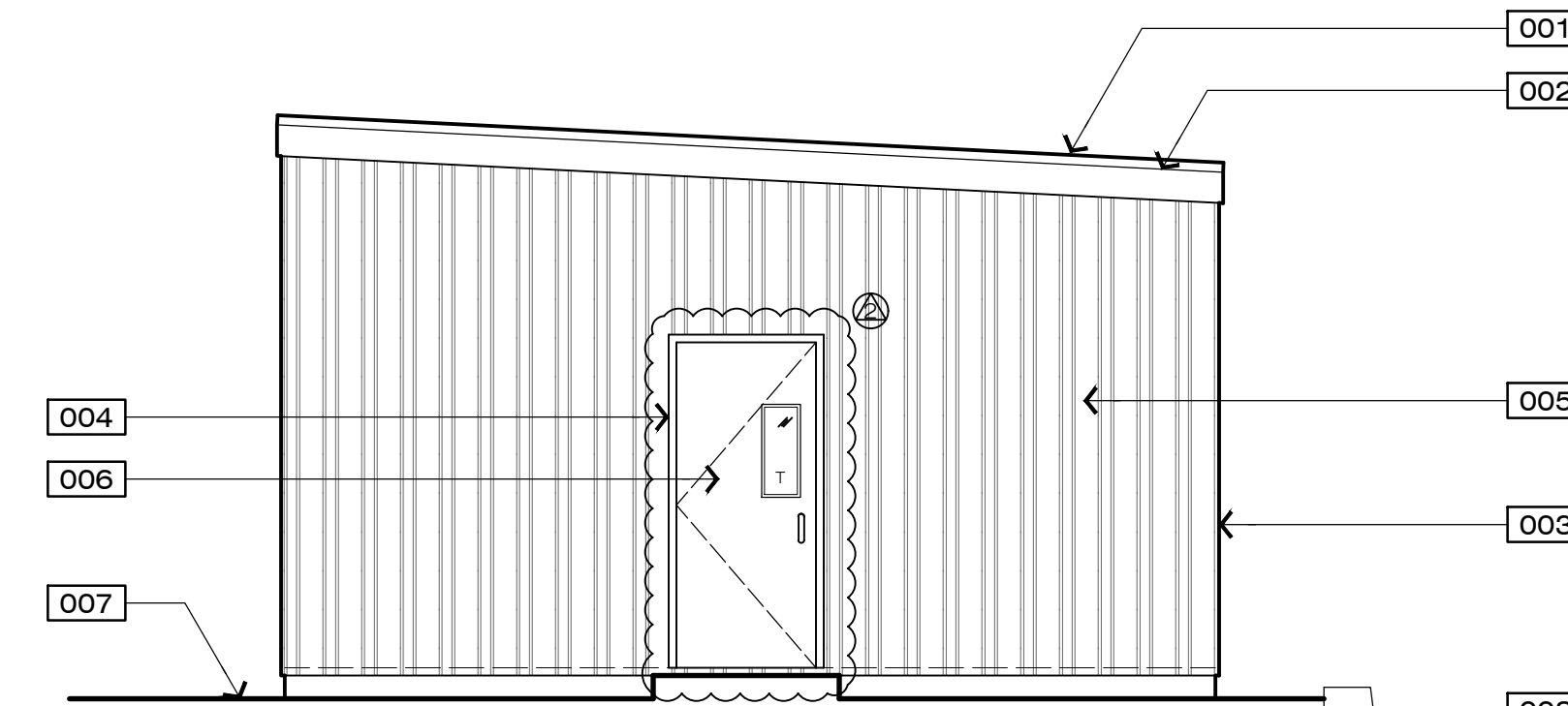
NORTH

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



SOUTH

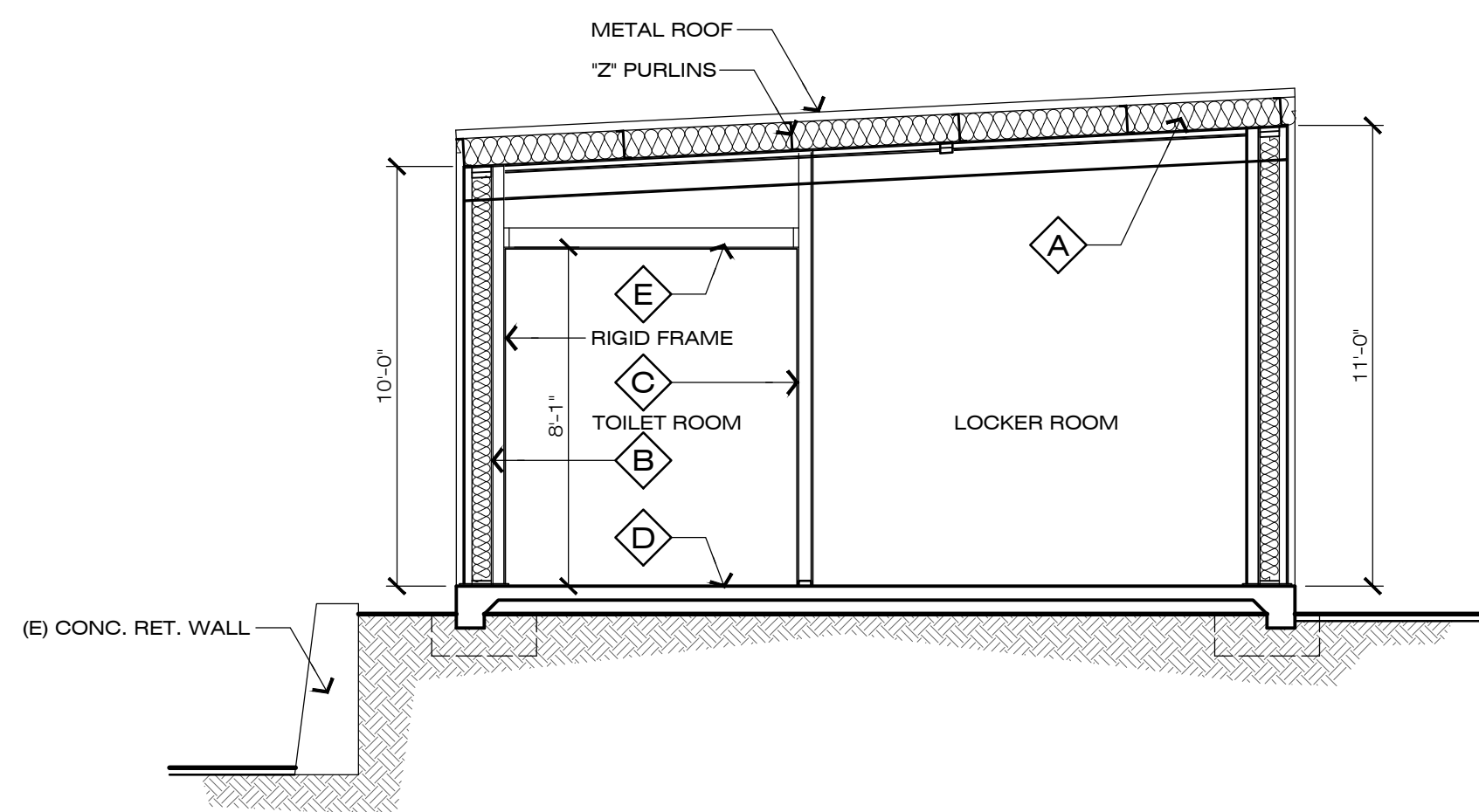
SCALE: 1/4" = 1'-0"



WEST

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

18 EXTERIOR ELEVATIONS



20 BUILDING SECTION

- A** TYPICAL NEW ROOF CONSTRUCTION
26 GA. "R" PANEL ROOFING OVER
2" PURLINS W/ R-30 INSULATION OVER
HAT CHANNELS OVER
1/2" GYPSUM BOARD
- B** TYPICAL NEW EXTERIOR WALL CONSTRUCTION
26 GA. "R" PANELS WITH
2x6 STUDS AT 16" O.C. W/ R-21 BATT INSULATION BETWEEN
METAL WALL GIRTS OVER
1/2" GYPSUM WALLBOARD
- C** TYPICAL NEW INTERIOR WALL CONSTRUCTION
1/2" GYPSUM WALLBOARD OVER
2x4 STUDS AT 16" O.C. (WITH OPT. R-13 BATT INSULATION AT BATHROOMS) OVER
1/2" GYPSUM WALLBOARD
- D** TYPICAL NEW FLOOR CONSTRUCTION
4" CONCRETE SLAB W/ REINFORCING--(SEE FOUNDATION PLAN) OVER
6 MIL MOISTURE BARRIER OVER
4" GRAVEL BASE
- E** TYPICAL NEW CEILING CONSTRUCTION
1/2" PLYWOOD OVER 2x CEILING JOISTS (SEE FOUNDATION PLAN) OVER
1/2" GYPSUM WALL BOARD

8 SECTION KEY NOTES

- 001** ROOFING - 26 GA. "R" PANEL - COLOR: TBD
- 002** METAL BARGE CAP
- 003** METAL CORNER TRIM
- 004** METAL DOOR TRIM
- 005** SIDING - 26 GA. "R" PANEL - COLOR: TBD
- 006** METAL DOOR - COLOR: TBD
- 007** (E) ASPHALT - PROVIDE SLOPE AWAY FROM FOUNDATION
- 008** (E) CONC. RETAINING WALL

3 ELEVATION KEY NOTES

APPROVALS

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Construction contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property, that this requirement shall be made to apply continuously and not be limited to normal working hours, and construction contractor further agrees to defend, indemnify and hold design professional harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting liability arising from the sole negligence of design professional.

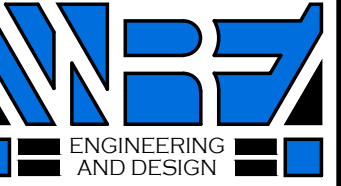
MARK	DATE	DESCRIPTION	BY
(1)	11-06-19	MATERIAL SPECS	VLM
(2)	01-13-20	MATERIAL SPECS	VLM

REVISIONS

CLIENT:
CREWS QUARTERS BUILDING FOR:
AMADOR COUNTY GENERAL SERVICES - PUBLIC WORKS
PROJECT LOCATION:
12200 AIRPORT ROAD
JACKSON, CA 95642
A.P.N.: 044-010-116-000

MAILING ADDRESS:
AMADOR CO. GENERAL SERVICES
610 COURT STREET
JACKSON, CA 95642
(209) 304-2446

WEATHERBYREYNOLDSFRITSON



(209)-223-0381 [Voice]
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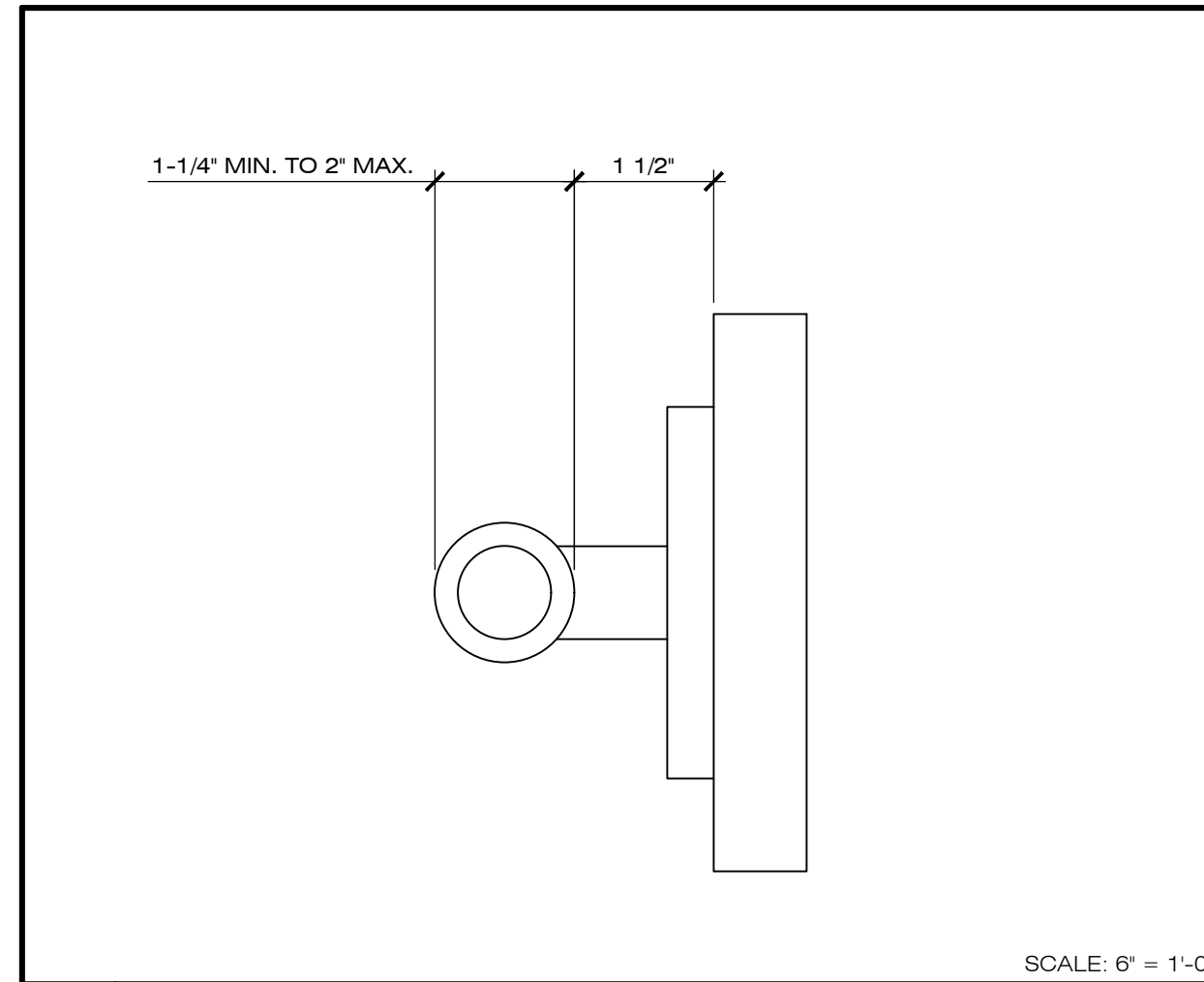
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DRAWINGS

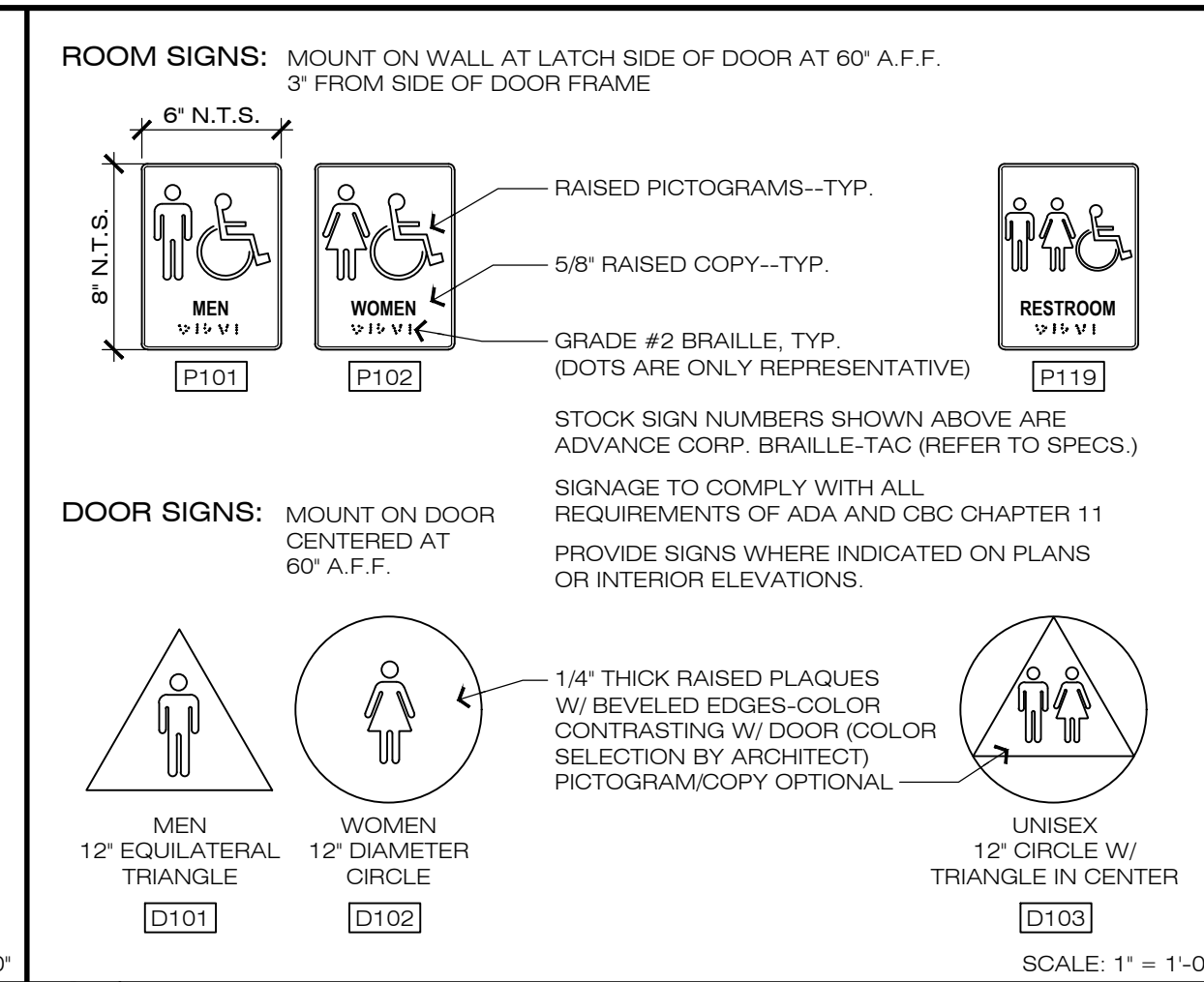
DECK FLOOR PLAN AND EXTERIOR ELEVATIONS

FILE NO. D-7467
DRAWN BY VLM
DATE 01-2019
SCALE AS NOTED
SHEET

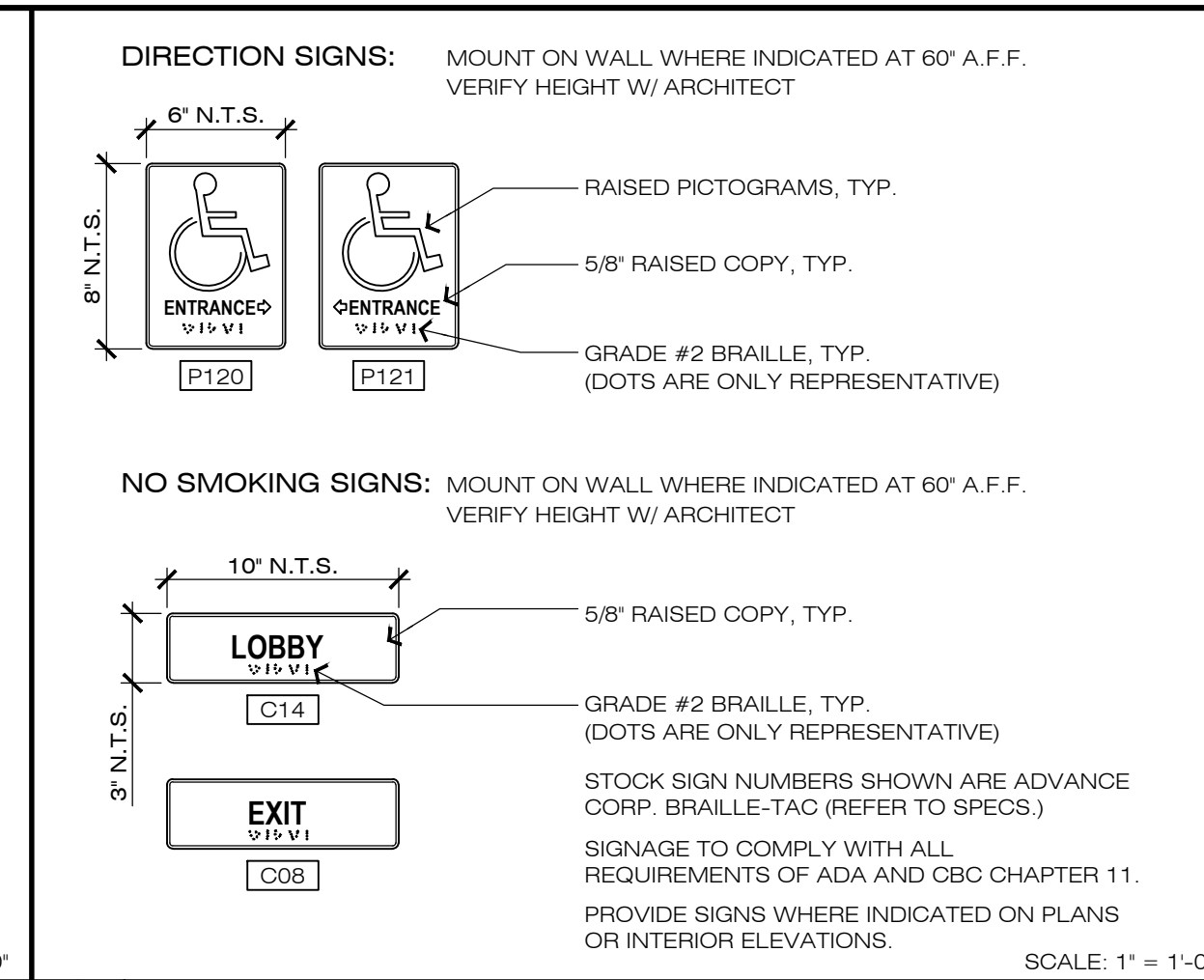
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3 OF 9 SHEETS



17 GRAB BAR DETAIL



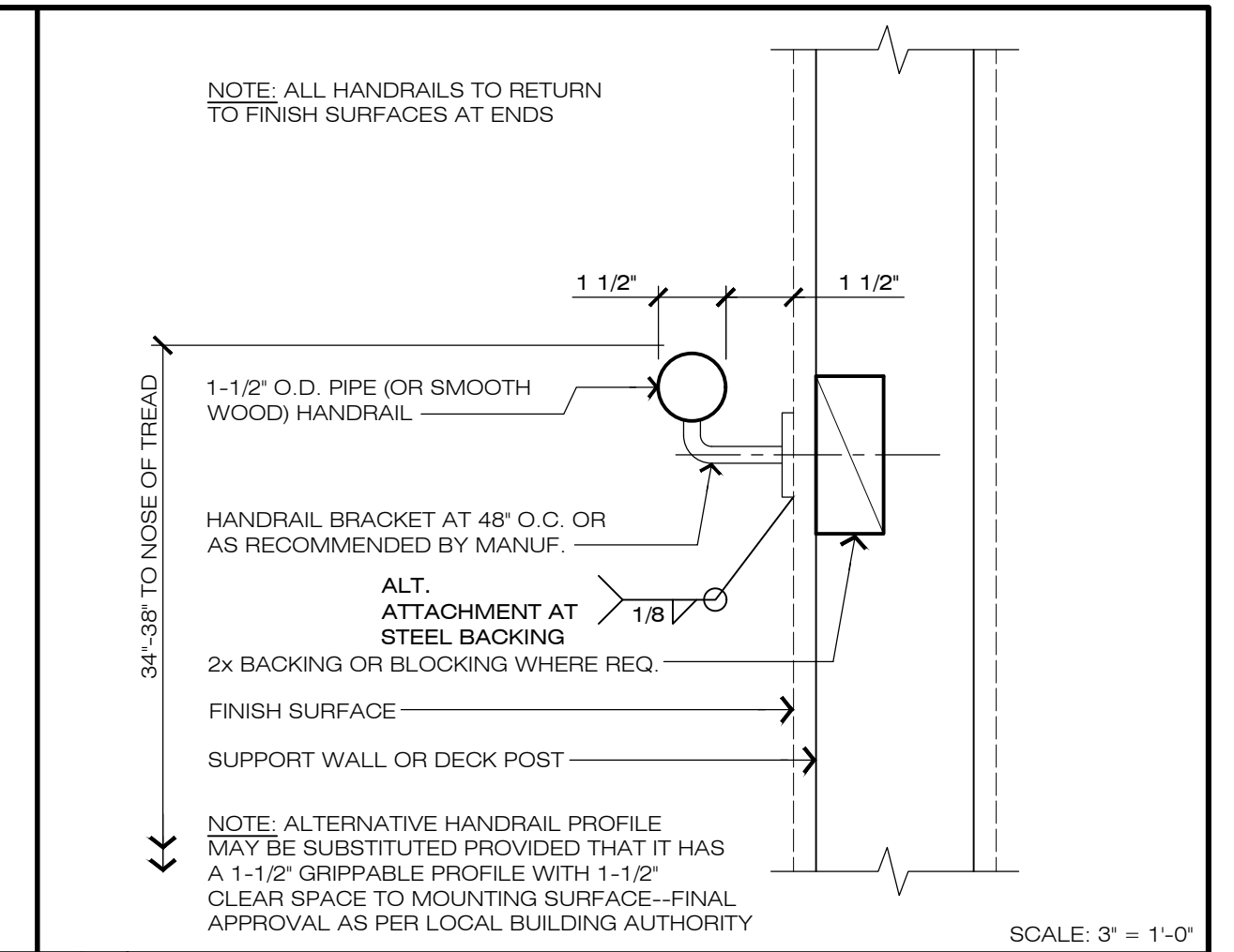
13 TOILET ROOM SYMBOLS



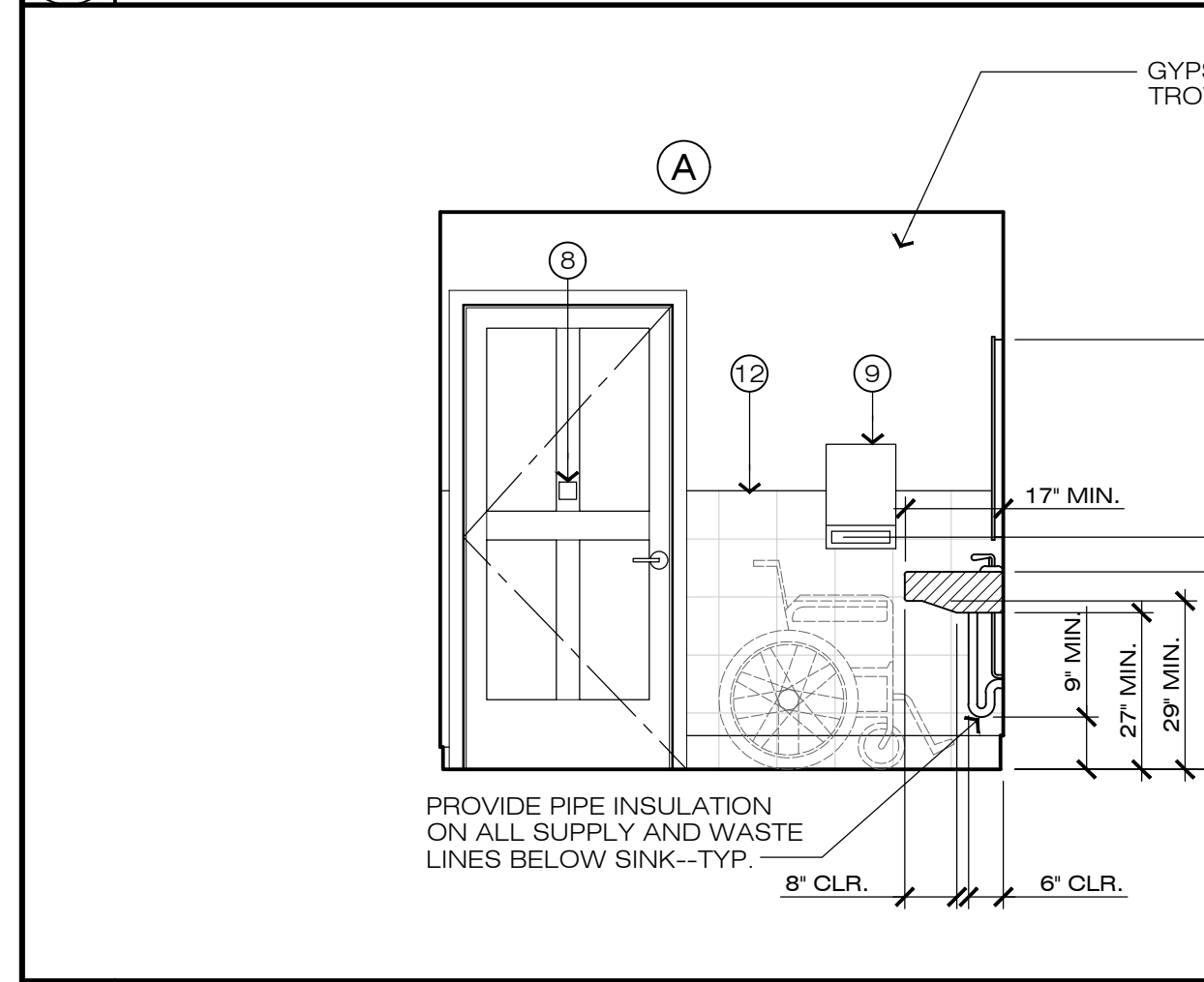
9 DIRECTION AND ROOM SIGNAGE

- NOTE: RESTROOM ACCESSORIES NOTED BELOW SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR.
- 1 MIRROR BOBRICK B-165-2430
 - 2 GRAB BAR: 36" LONG BOBRICK B-6806 x 36
 - 3 GRAB BAR: 42" LONG BOBRICK B-6806 x 42
 - 4 SANITARY NAPKIN DISPENSER* BOBRICK B-2800
 - 5 TISSUE HOLDER: BOBRICK B-4288 OR BOBRICK B-4388
 - 6 SOAP DISPENSER: BOBRICK B-40
 - 7 COAT HOOK: BOBRICK B-682 (MOUNT BACK OF DOOR AT 48" HIGH)
 - 8 PAPER TOWEL DISPENSER BOBRICK B-4262
 - 9 TOILET SEAT COVER: DISPENSER BOBRICK B-4221
 - 10 WASTE RECEPTACLE: BOBRICK B-277
 - 11 CERAMIC TILE TO 4'-0" A.F.F.--TYP.
 - 12 MOTION AUTO FLUSH TOILET SLOAN 111 ESS
 - 13 WATER CLOSET SLOAN EBF 85
 - 14 MOTION AUTO FAUCET SLOAN EBF 85
 - 15
 - 16
- * INDICATES OPTIONAL ACCESSORY
NOTE: APPROVED EQUAL ACCESSORIES MAY BE USED FOR THE ABOVE SPECIFIED PRODUCTS

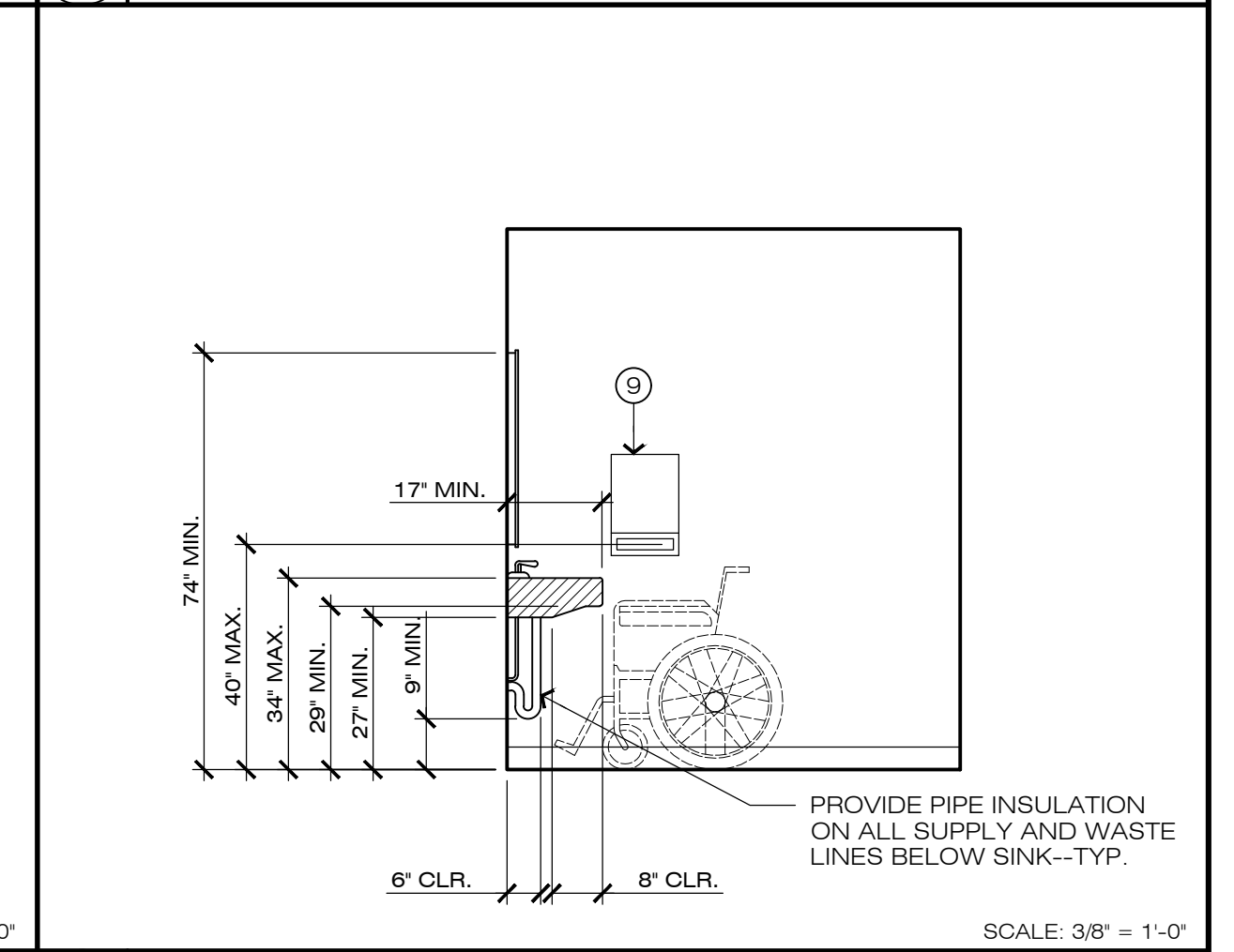
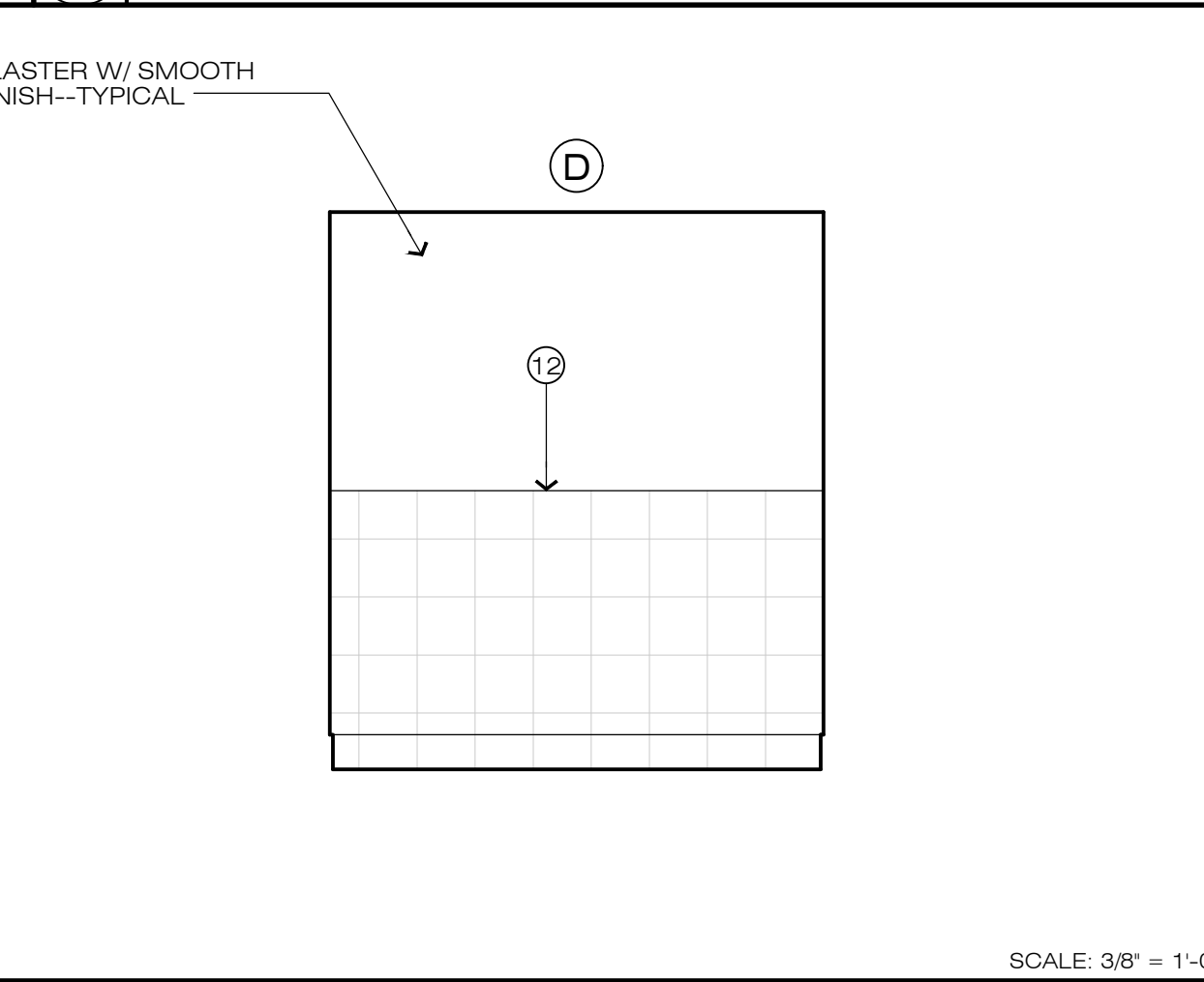
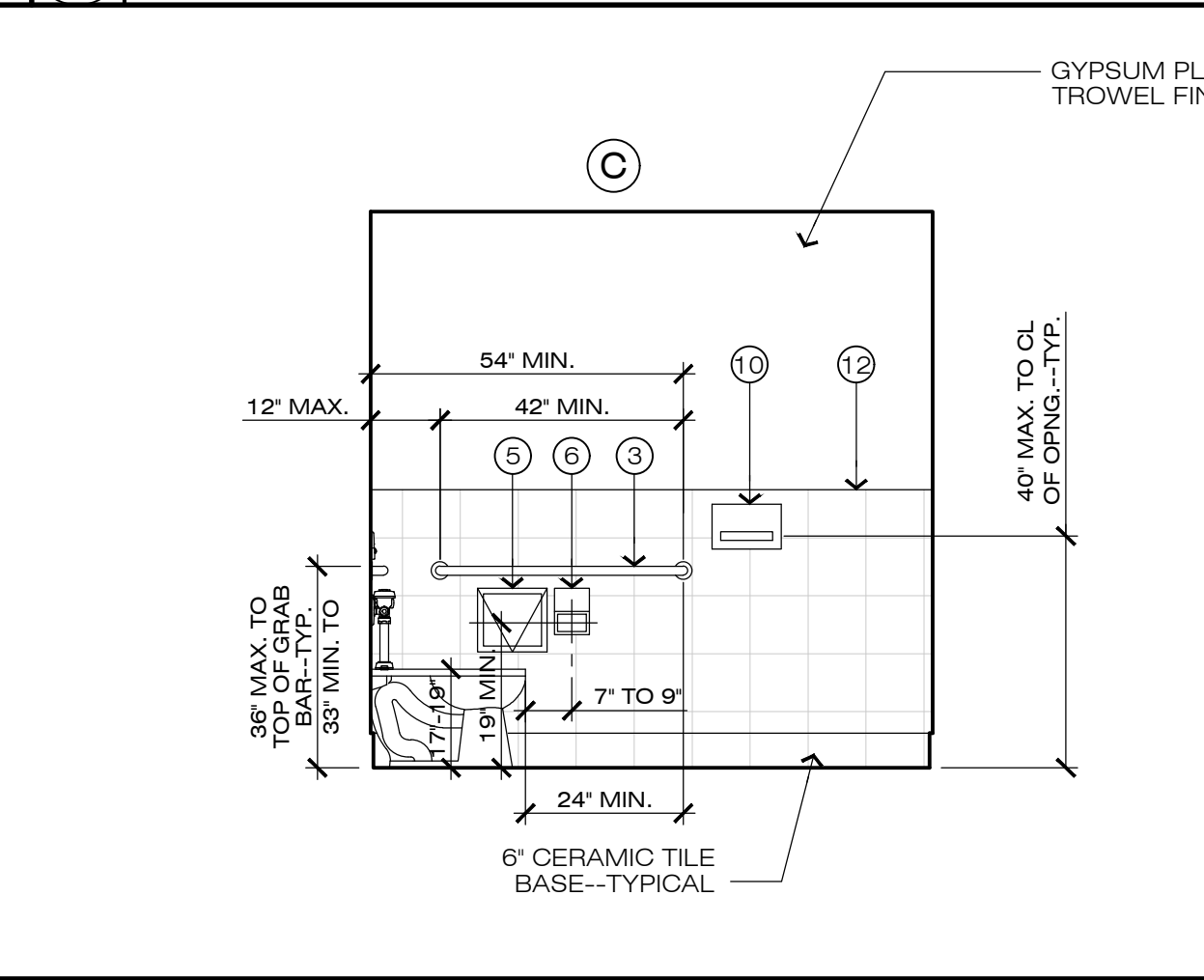
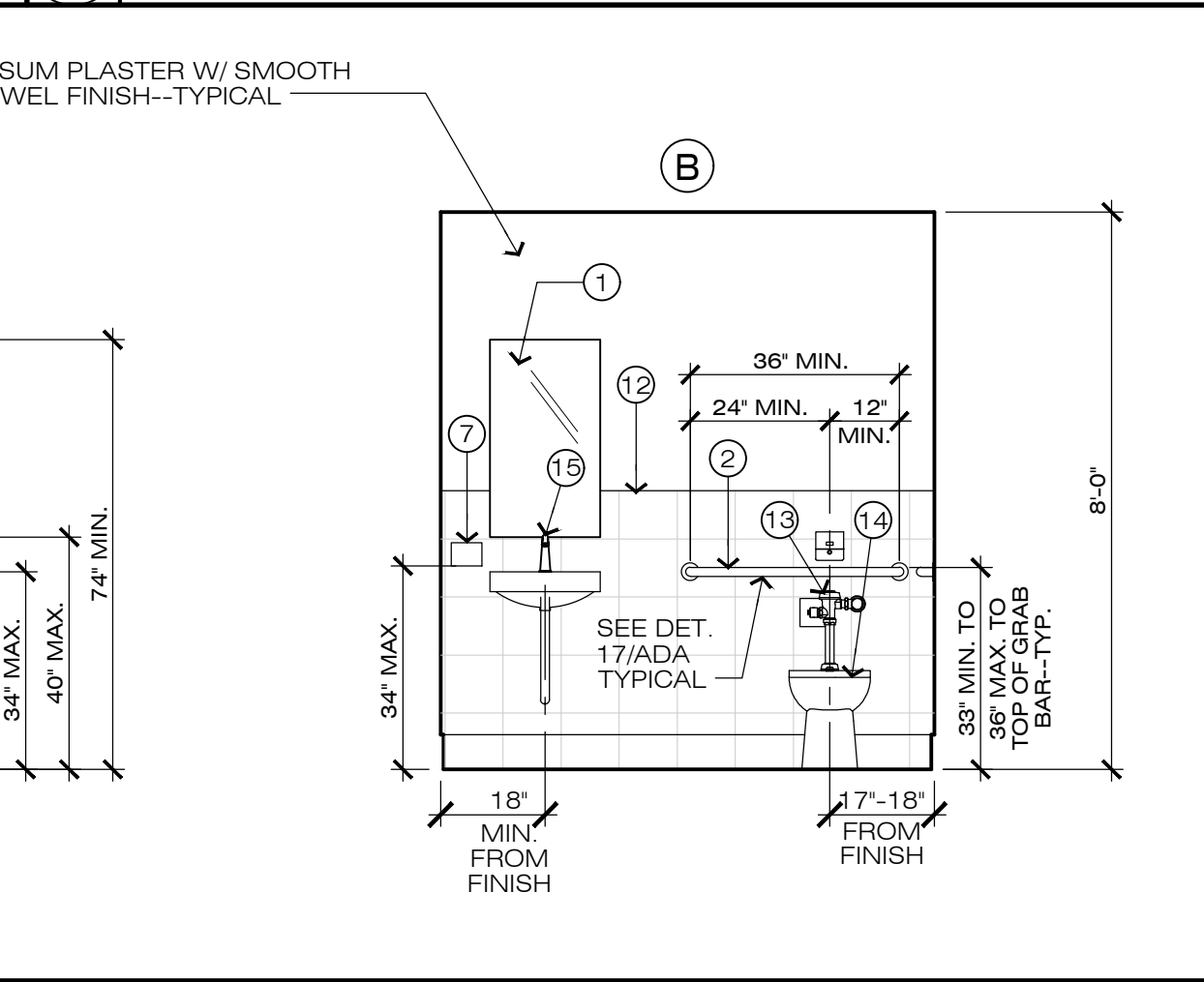
5 RESTROOM ACCESSORIES



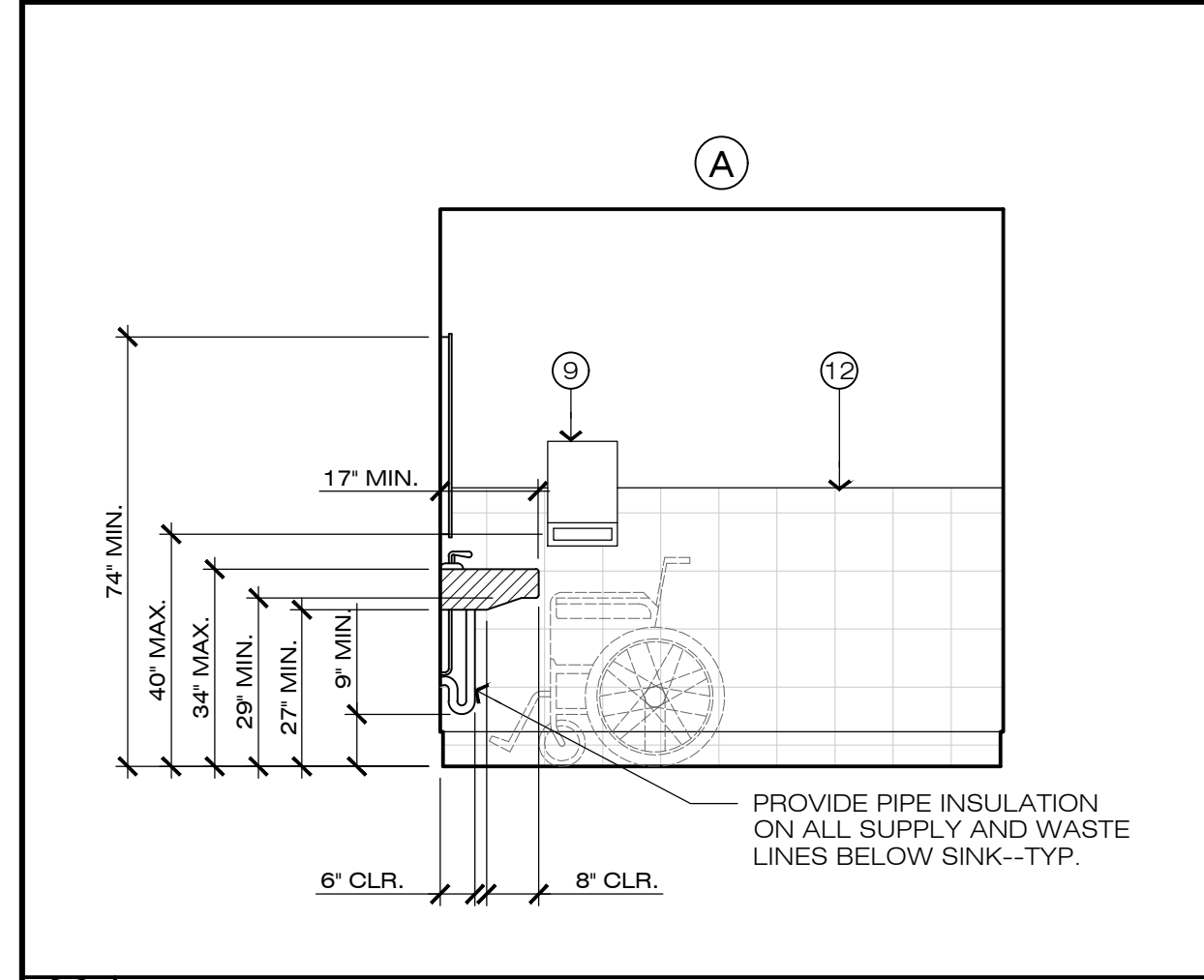
1 TYPICAL HANDRAIL



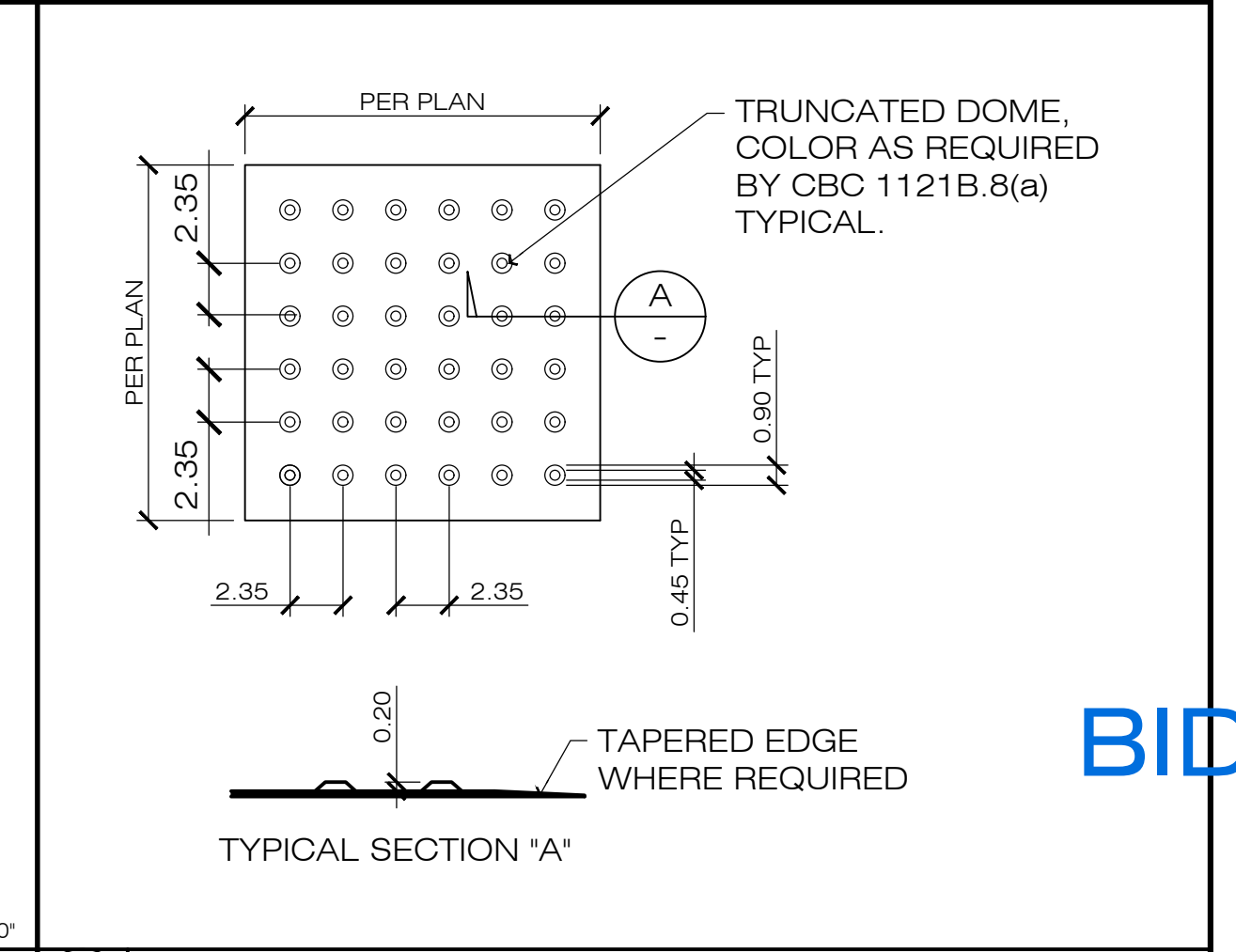
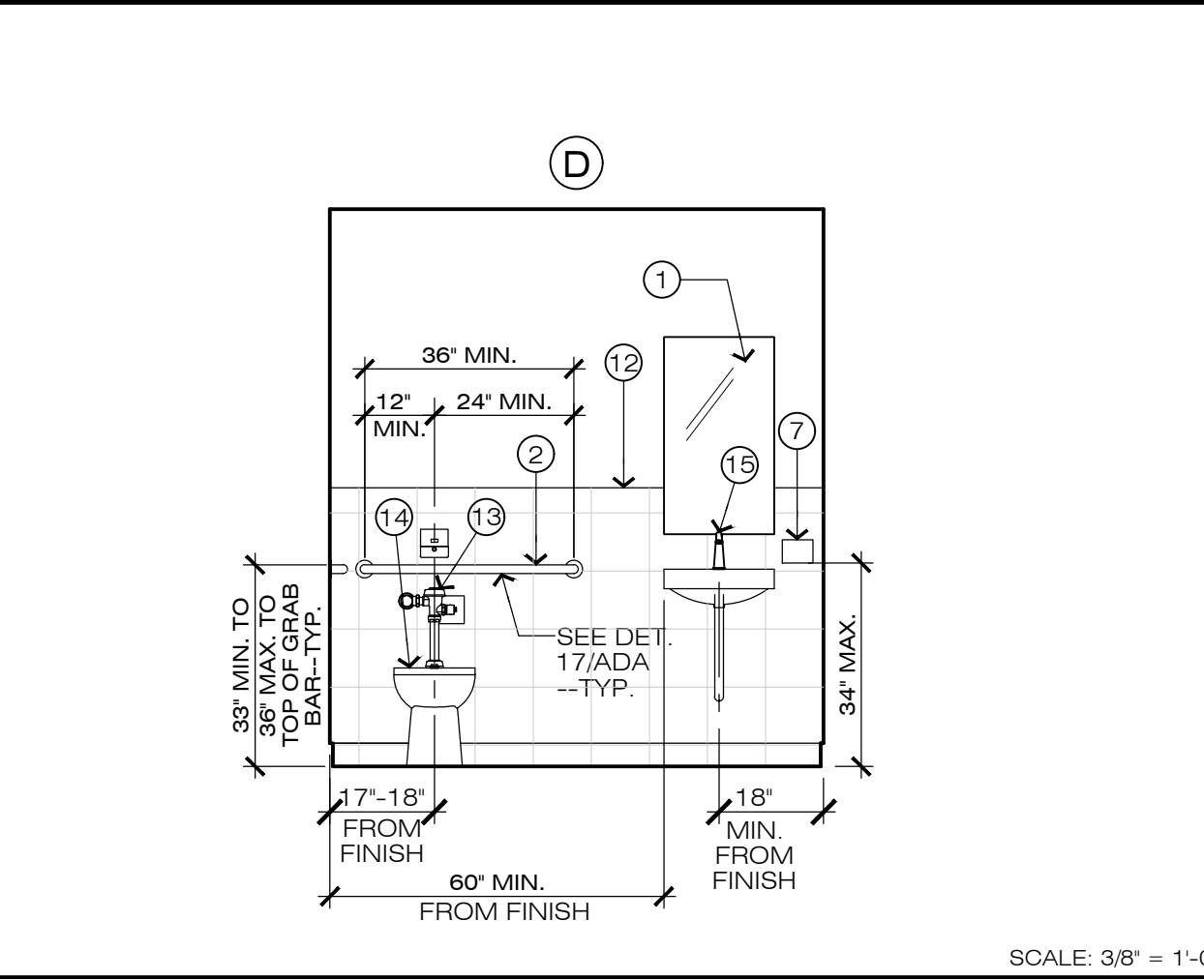
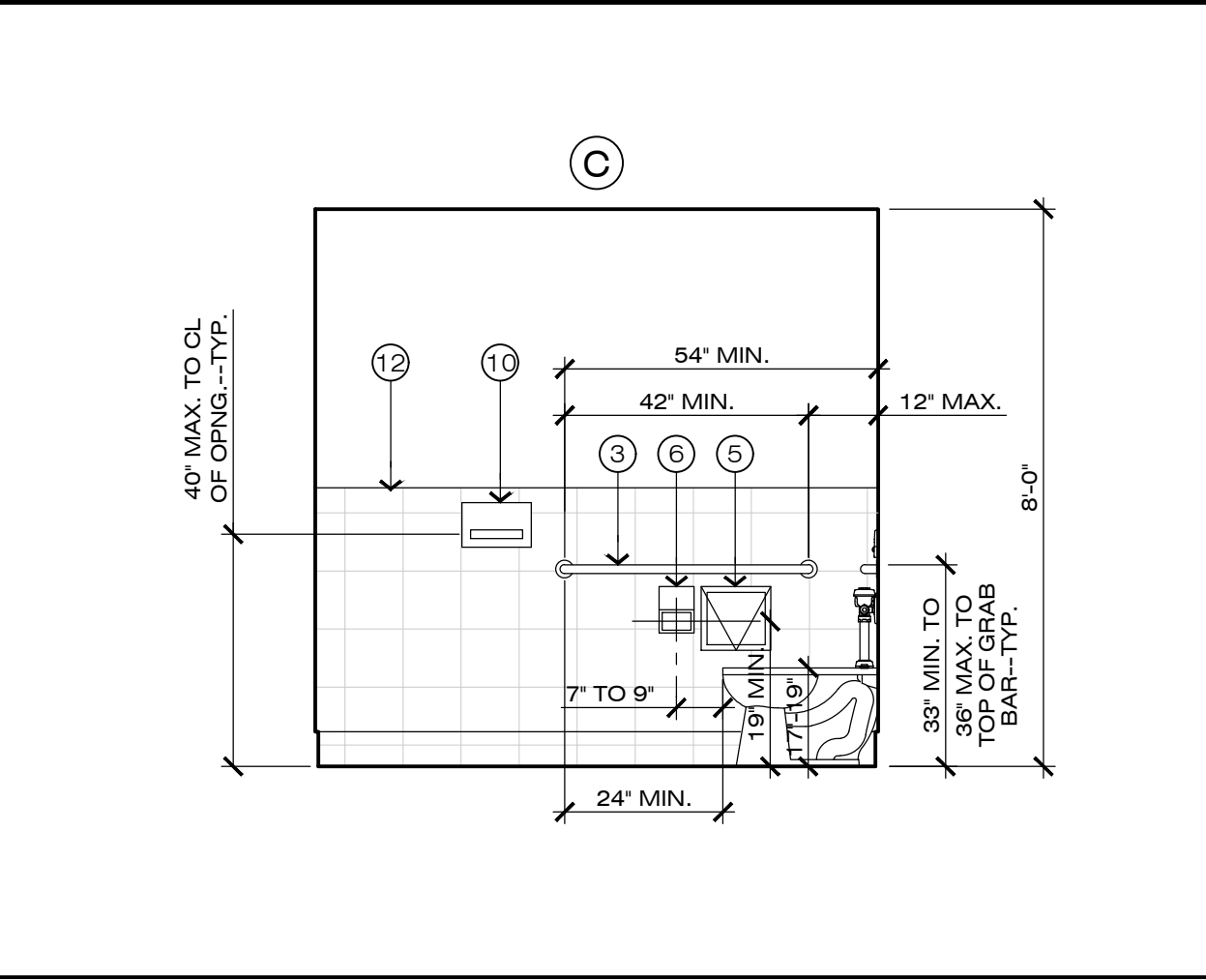
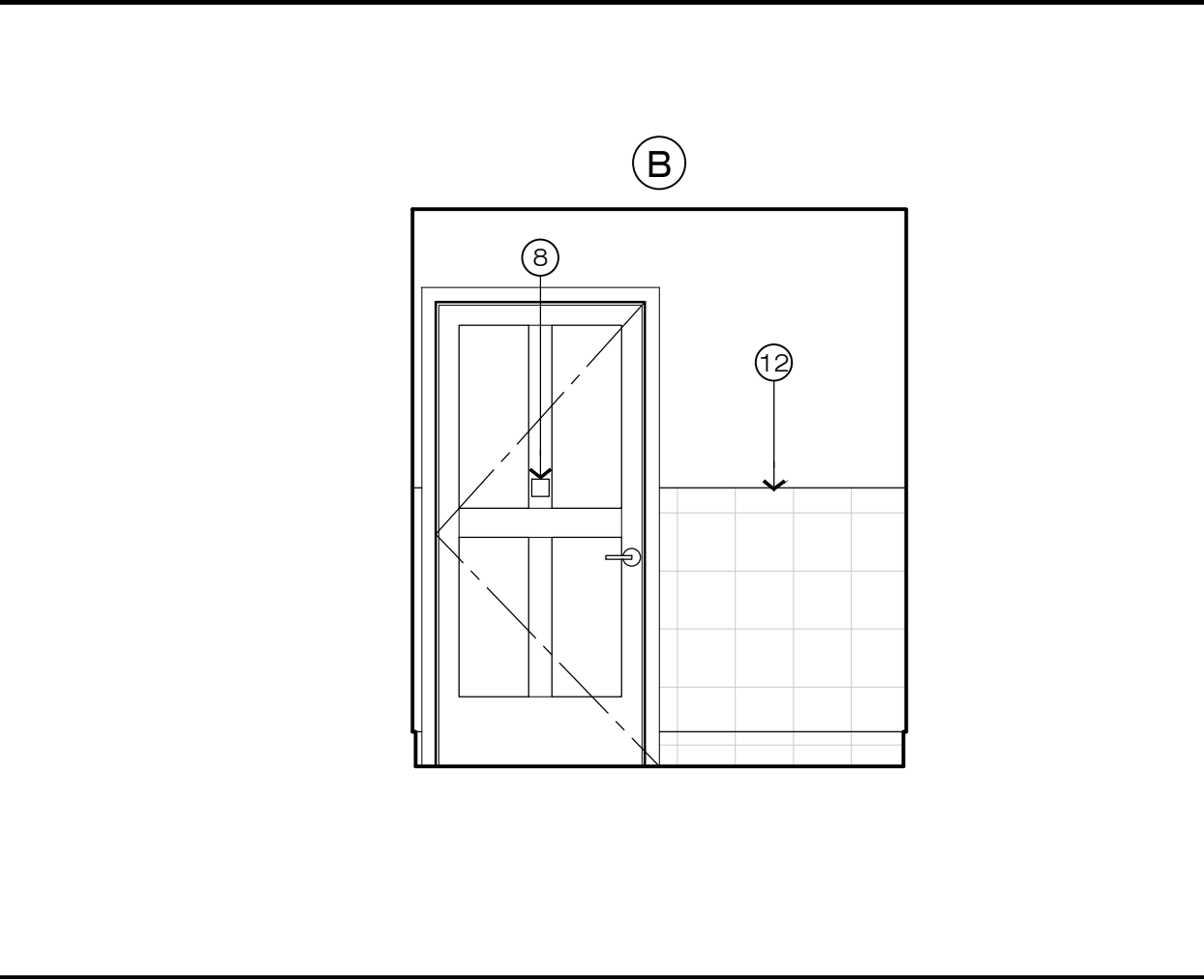
18 RESTROOM 103 -- INTERIOR ELEVATION



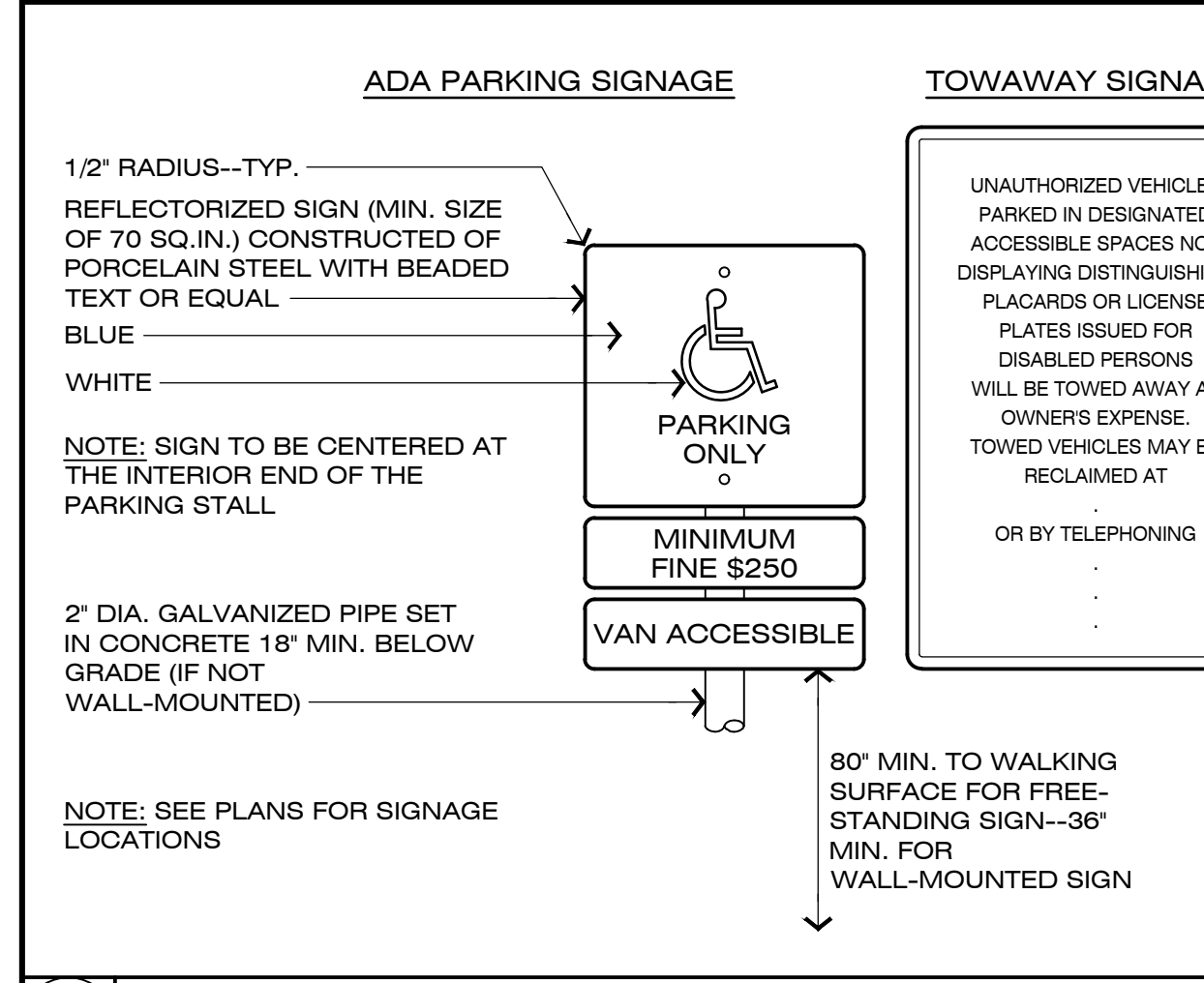
2 TYPICAL SINK DIMENSIONS



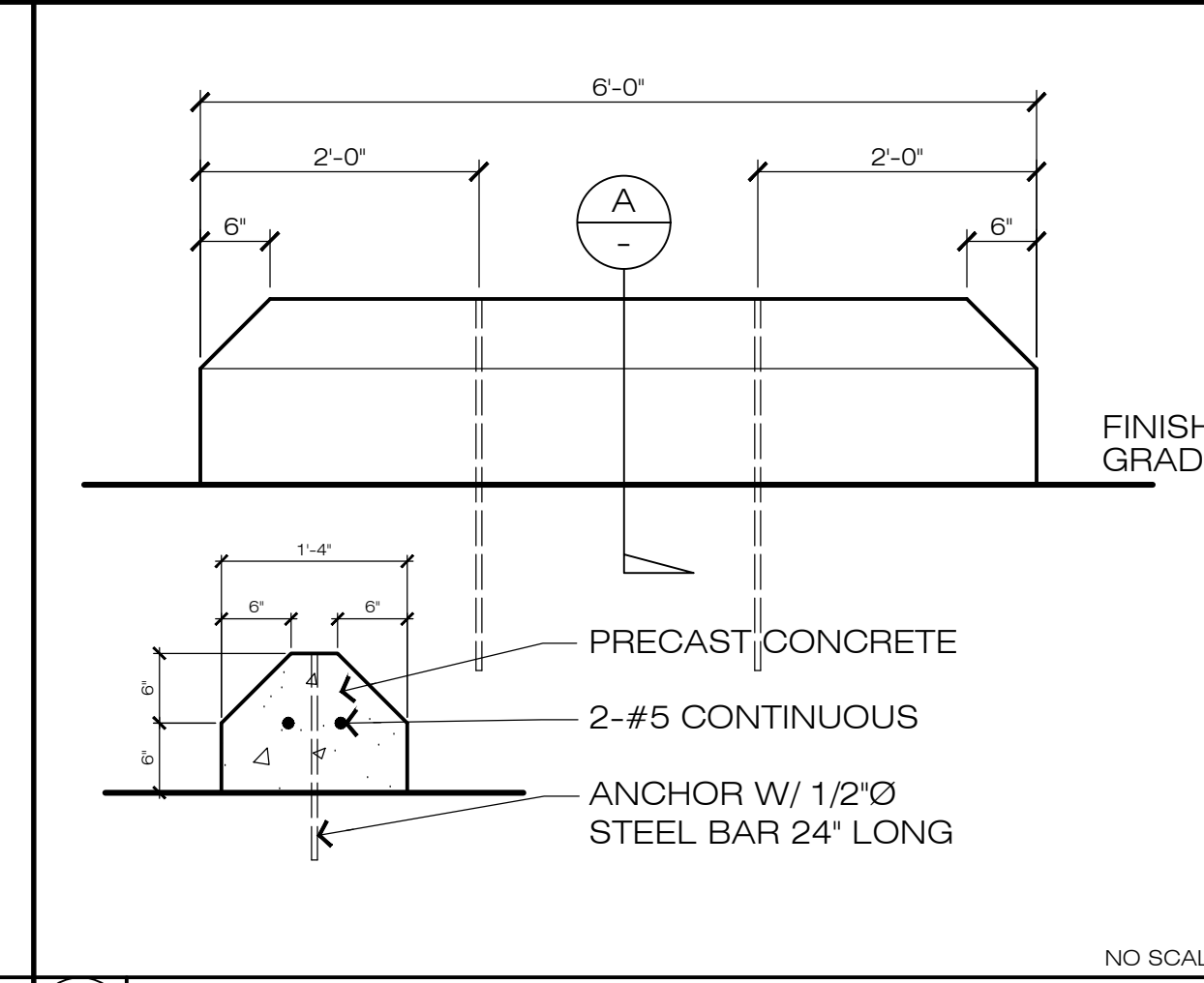
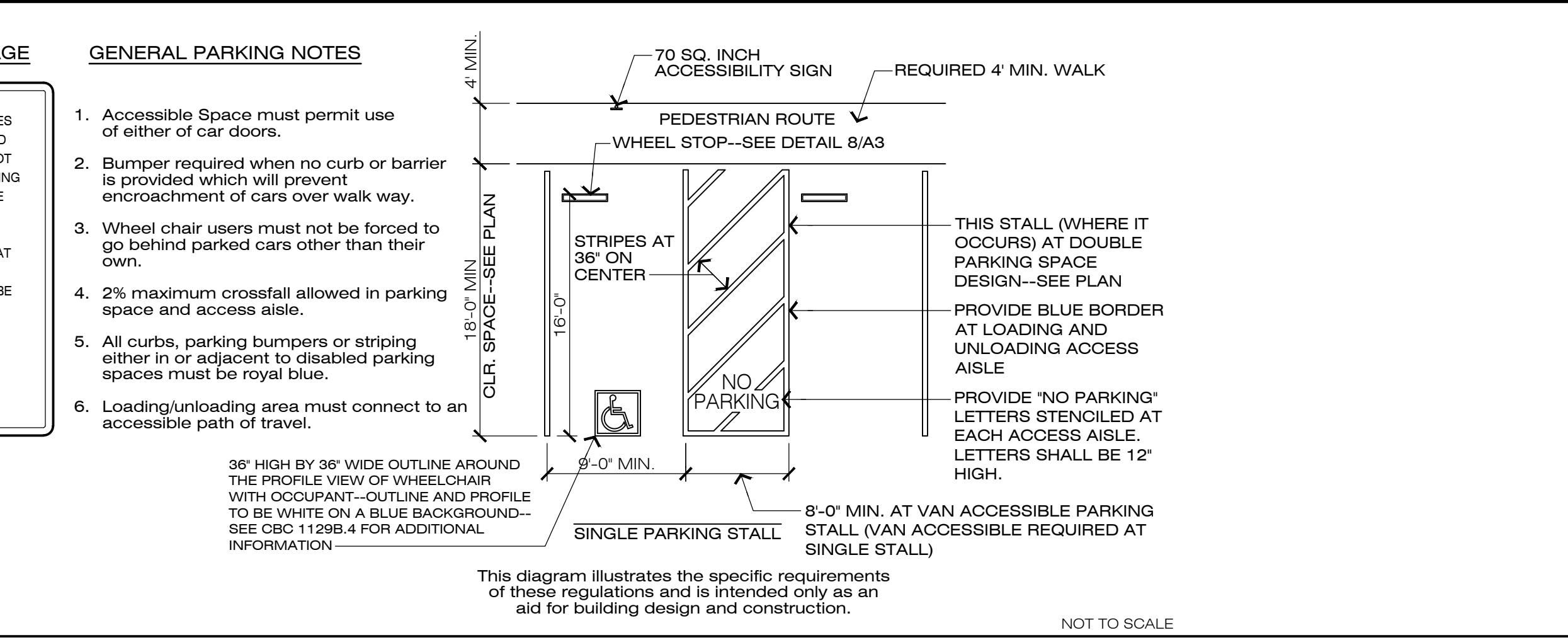
19 RESTROOM 104 -- INTERIOR ELEVATION



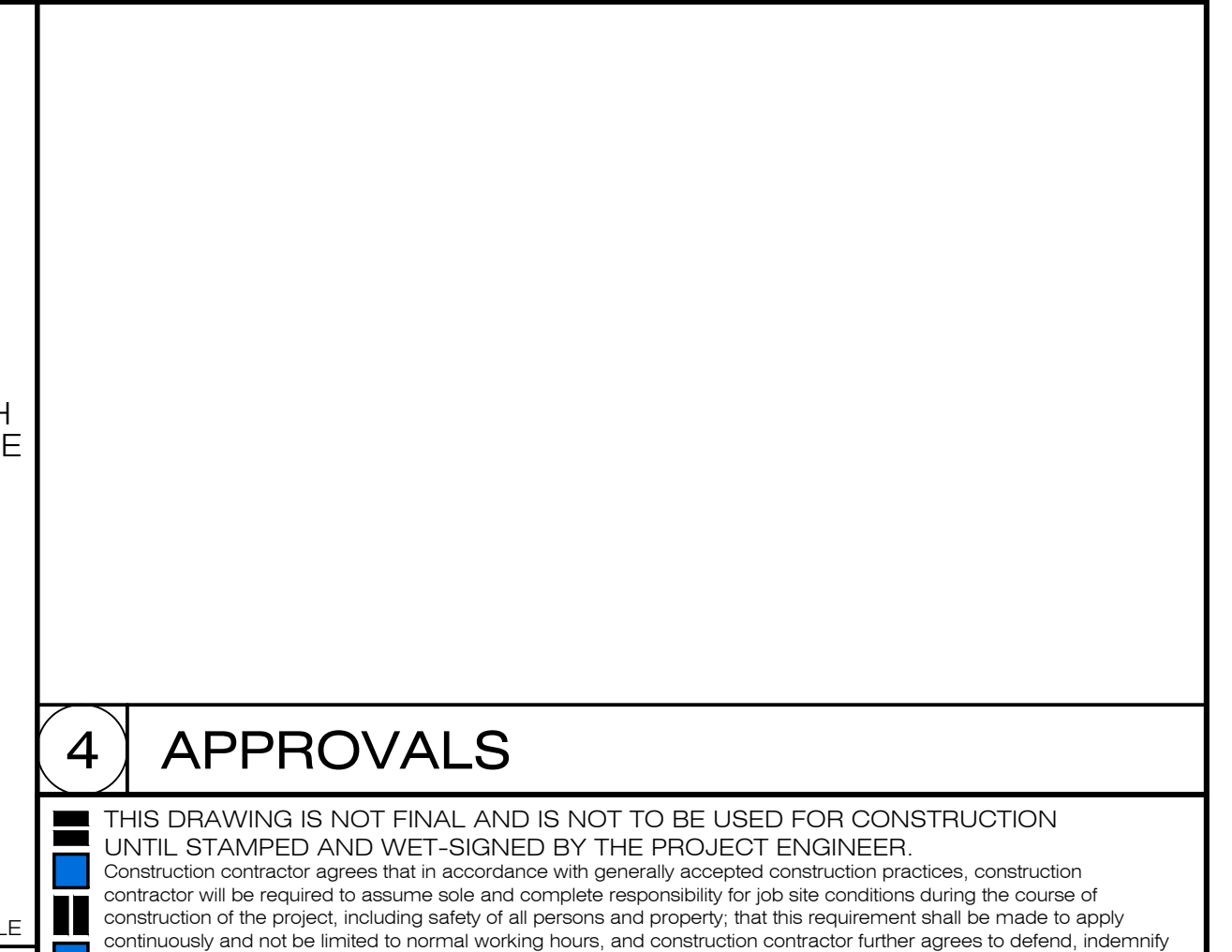
3 TRUNCATED DOME DETAIL



20 ADA PARKING DETAILS



8



4 APPROVALS

BY VLM
DESCRIPTION MATERIAL SPECS
DATE 11-06-19
MARK (A)
REVISIONS

CLIENT: CREWS QUARTERS BUILDING FOR:
MILING ADDRESS: AMADOR COUNTY GENERAL SERVICES - PUBLIC WORKS
AMADOR CO. GENERAL SERVICES
810 COURT STREET
JACKSON, CA 95642
(209) 304-2446

PROJECT LOCATION: WEATHERBY REYNOLDS FRITSON
12200 AIRPORT ROAD
JACKSON, CA 95642
A.P.N.: 044-010-116-000

WEATHERBY REYNOLDS FRITSON
ENGINEERING AND DESIGN

REGISTERED PROFESSIONAL ENGINEER
E. WEATHERBY
No. 3333
Lic. Exp. 12-31-21
STATE OF CALIFORNIA

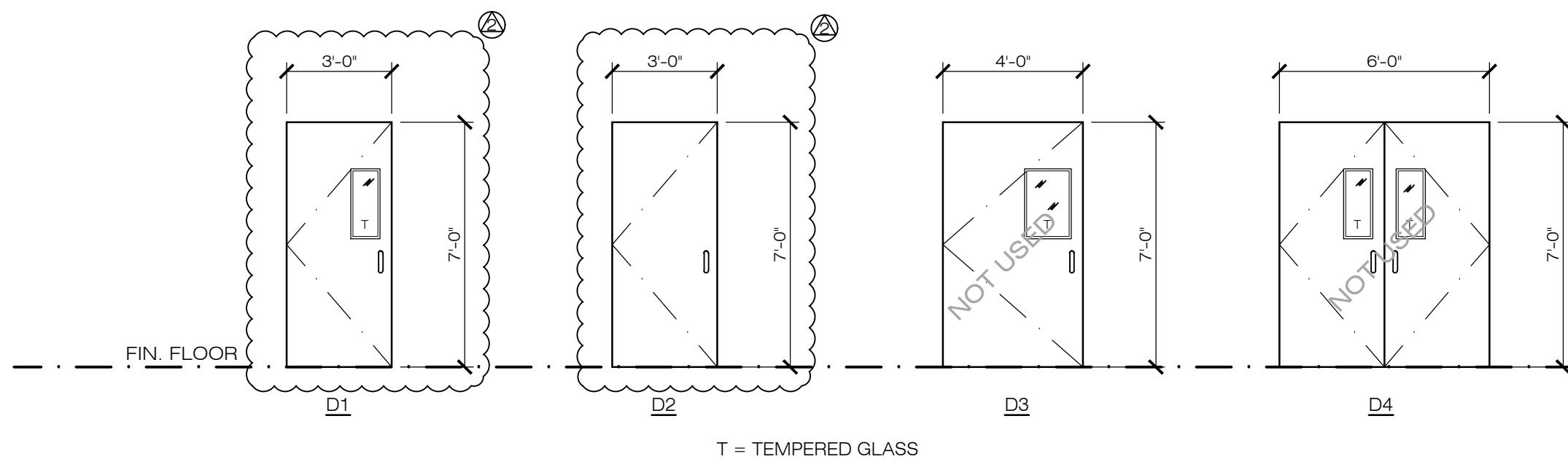
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DRAWINGS
ADA SIGNAGE DETAILS--
RESTROOM INT. ELEVATIONS--
DETAILS

FILE NO. D-7467
DRAWN BY VLM
DATE 01-2019
SCALE AS NOTED
SHEET

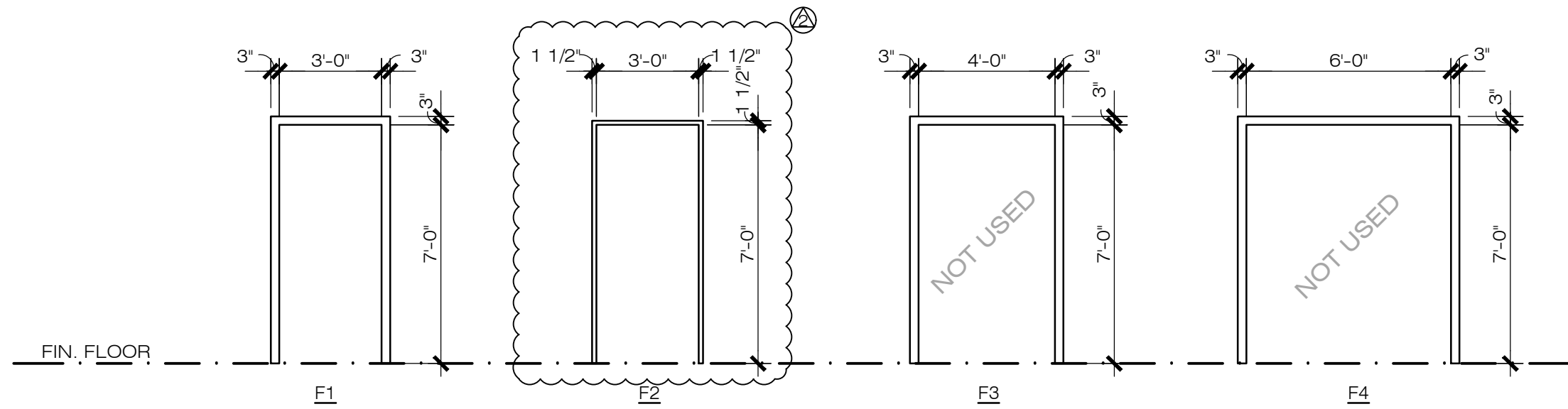
A3
4 OF 9 SHEETS

I:\WRF\Projects\WRF Clients\Commercial\Amador County General Services\Crew Quarters\Drawings\A3_ADA.dwg, 11/25/2019 16:25:52, -- printed



1 DOOR ELEVATIONS

A4 SCALE: 1/4" = 1'-0"



2 FRAME ELEVATIONS

A4 SCALE: 1/4" = 1'-0"

DOOR SCHEDULE

ROOM		DOOR					FRAME			DETAILS			FIRE	SIGNAGE	NOTES
ROOM NAME	ROOM NO.	NO.	ELEV.	TYPE	HDW.	FINISH	ELEV.	TYPE	FINISH	HEAD	JAMB	SILL	RATING		
ASSEMBLY AREA	101	101	D1	SGM	DLH	FAPE	F1	MTL	FAPE	-	-	-	3/4 HR.	-	PANIC BAR INSIDE W/ CLOSER
LOCKER ROOM	102	102	D1	SGM	DLH	FAPE	F1	MTL	FAPE	-	-	-	3/4 HR.	-	PANIC BAR INSIDE W/ CLOSER
LOCKER ROOM	102	102A	D2	SGM	DLH	FAPE	F2	MTL	FAPE	-	-	-	-	-	CLOSER
RESTROOM #1	103	103	D1	SGM	DLH	FAPE	F1	MTL	FAPE	-	-	-	-	-	CLOSER
RESTROOM #2	104	104	D1	SGM	DLH	FAPE	F1	MTL	FAPE	-	-	-	-	-	CLOSER

ABBREVIATIONS

CL	CLEAR	GL	INSULATED DOUBLE GLAZING	SCM	INSULATED CORE METAL	GLS	GLASS
F	FROSTED GLASS	HCW	HOLLOW CORE WOOD	GLP	GLASS PLATED	DLH	DOOR LEVER - ADA COMPLIANT
FAPE	FIELD APPLIED PAINT, ENAMEL	SCW	SOLID CORE WOOD- 1 HR. FIRE	OPH	OFFSET PUSH/PULL HANDLES-ADA COMPLIANT	MTL	METAL FRAME

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS								CEILING		NOTES
				NORTH		EAST		SOUTH		WEST		MATERIAL	FINISH	
				MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH			
101	ASSEMBLY AREA	CN	R	GWB	PE	GWB	PE	GWB	PE	GWB	PE	GWB	PE	-
102	LOCKER ROOM	CN	R	GWB	PE	GWB	PE	GWB	PE	GWB	PE	GWB	PE	-
103	RESTROOM #1	CT	CT	GWB	CT, PE	GWB	CT, PE	GWB	CT, PE	GWB	CT, PE	GWB	PE	-
104	RESTROOM #2	CT	CT	GWB	CT, PE	GWB	CT, PE	GWB	CT, PE	GWB	CT, PE	GWB	PE	-

ABBREVIATIONS

AT	SUSPENDED ACOUSTIC TILE (T-BAR)	GWB	GYPSUM WALL BOARD - 5/8" MIN.
C	CARPET & PAD	MR-GWB	MOISTURE RESISTANT GYPSUM WALL BOARD
CB	CEMENT BACKER BOARD FOR CERAMIC TILE	PE	PAINT, ENAMEL
CN	POLISHED CONCRETE	R	RESILIENT RUBBER
CR	RESIN COATED CONCRETE	TX	TEXTURED GYPSUM BOARD
CS	CONCRETE WITH PENETRATING SEALER	MV	MEDICAL GRADE VINYL
CT	CERAMIC TILE	WD	WOOD
GL	GLASS		

NOTES

- OPENING SIZE-- SIZES INDICATED ARE ACTUAL DOOR (OR COMBINATION OF DOORS) SIZES IN FEET AND INCHES U.N.O.--VERIFY ALL ROUGH OPENING SIZES
- ALL DOORS U.N.O. TO BE PROVIDED WITH LEVER-TYPE HARDWARE APPROVED FOR HANDICAPPED ACCESSIBILITY.
- MAIN EXIT DOOR (DOOR TYPE '1') TO BE EQUIPPED WITH KEY LOCKING HARDWARE (INSIDE AND OUT). PROVIDE A READILY VISIBLE, DURABLE SIGN ON OR ADJACENT TO THE DOOR STATING "THIS DOOR MUST REMAIN UNLOCKED DURING BUSINESS HOURS". THE SIGN SHALL BE IN LETTER NOT LESS THAN 1" HIGH ON A CONTRASTING BACKGROUND. WHEN UNLOCKED, THIS MAIN EXIT MUST BE FREE TO SWING WITHOUT OPERATION OF ANY LATCHING DEVICE.
- MAXIMUM DOOR OPENING EFFORT OF 5 LBS OR LESS AT ALL DOORS UNLESS AT A FIRE RATED DOOR THEN PROVIDE MAXIMUM DOOR OPENING EFFORT OF 15LBS OR LESS.
- PROVIDE 10" HIGH KICK PLATES AT BOTTOM OF ENTRY-DOORS PER CBC SECTION 1133B.2.6.
- ALL DOORS TO HAVE A MAXIMUM 1/2" THRESHOLD (ABOVE FLOOR AND LANDING ON BOTH SIDES) PER CBC 1003.3.1.6 AND 1133B.2.4.1.

1 DOOR NOTES

THIS DRAWING IS NOT FINAL AND IS NOT TO BE USED FOR CONSTRUCTION UNTIL STAMPED AND WET-SIGNED BY THE PROJECT ENGINEER.

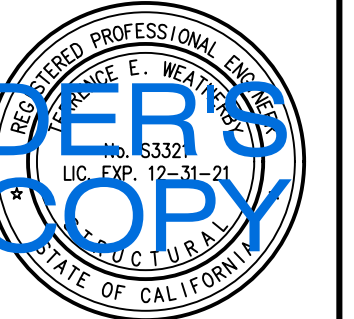
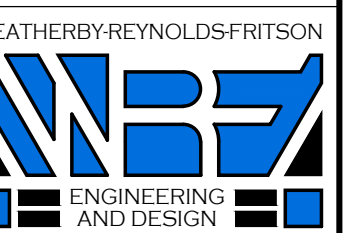
Construction contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property, that this requirement shall be made to apply continuously and not be limited to normal working hours, and construction contractor further agrees to defend, indemnify and hold design professional harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting liability arising from the sole negligence of design professional.

MARK	DATE	DESCRIPTION	BY
1	11-06-19	MATERIAL SPECS	VLM
2	01-13-20	MATERIAL SPECS	VLM

REVISIONS

CLIENT:
MILING ADDRESS:
 AMADOR CO. GENERAL SERVICES
 610 COURT STREET
 JACKSON, CA 95642
 (209) 304-2446

CREWS QUARTERS BUILDING FOR:
AMADOR COUNTY GENERAL SERVICES - PUBLIC WORKS
 PROJECT LOCATION
 12200 AIRPORT ROAD
 JACKSON, CA 95642
 A.P.N. 044-010-116-000



(209) 223-0381 [Voice]
 (209) 223-0716 [Fax]
 216 Peak Street
 Jackson, CA 95642
<http://www.wrfd.com>

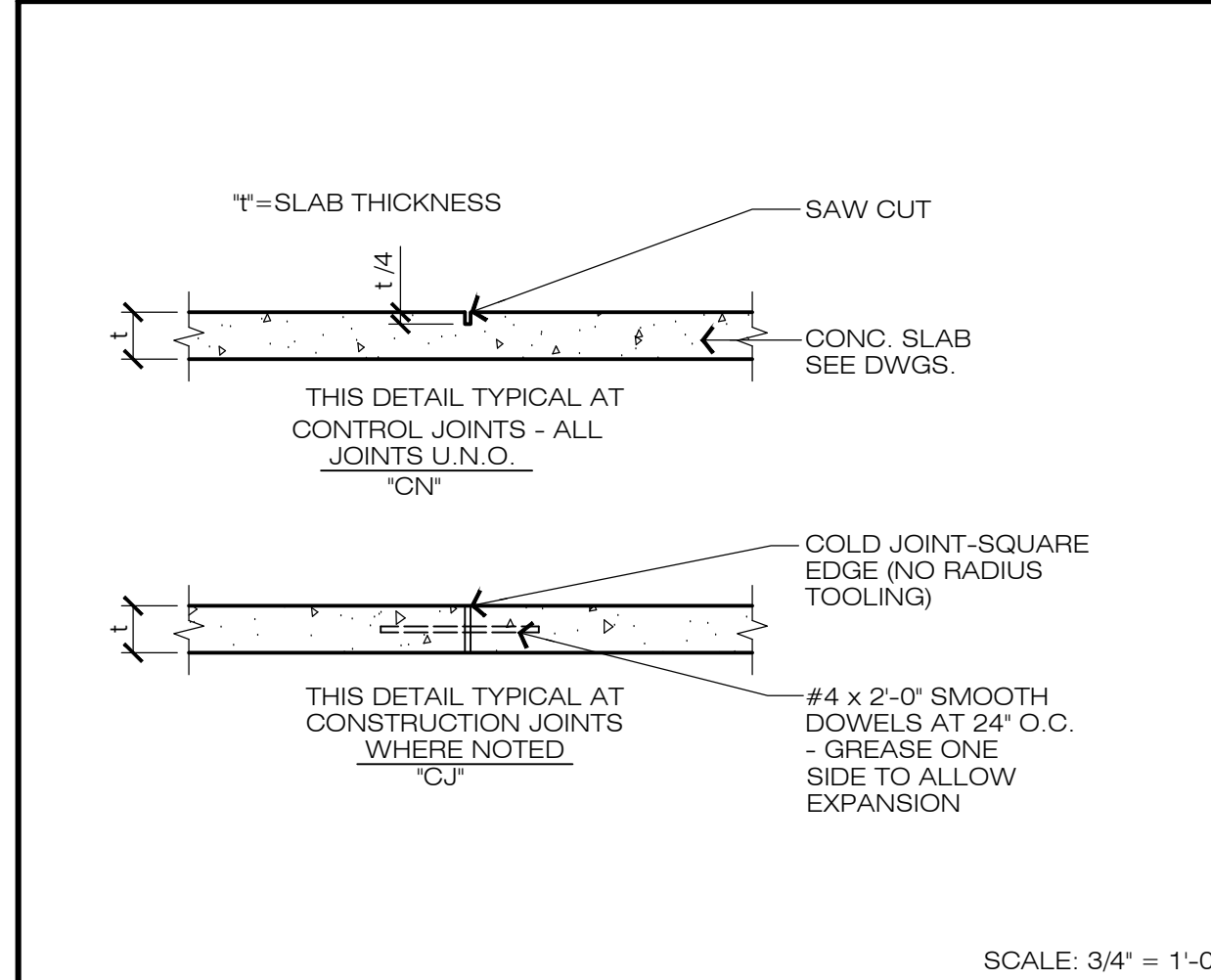
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DRAWINGS

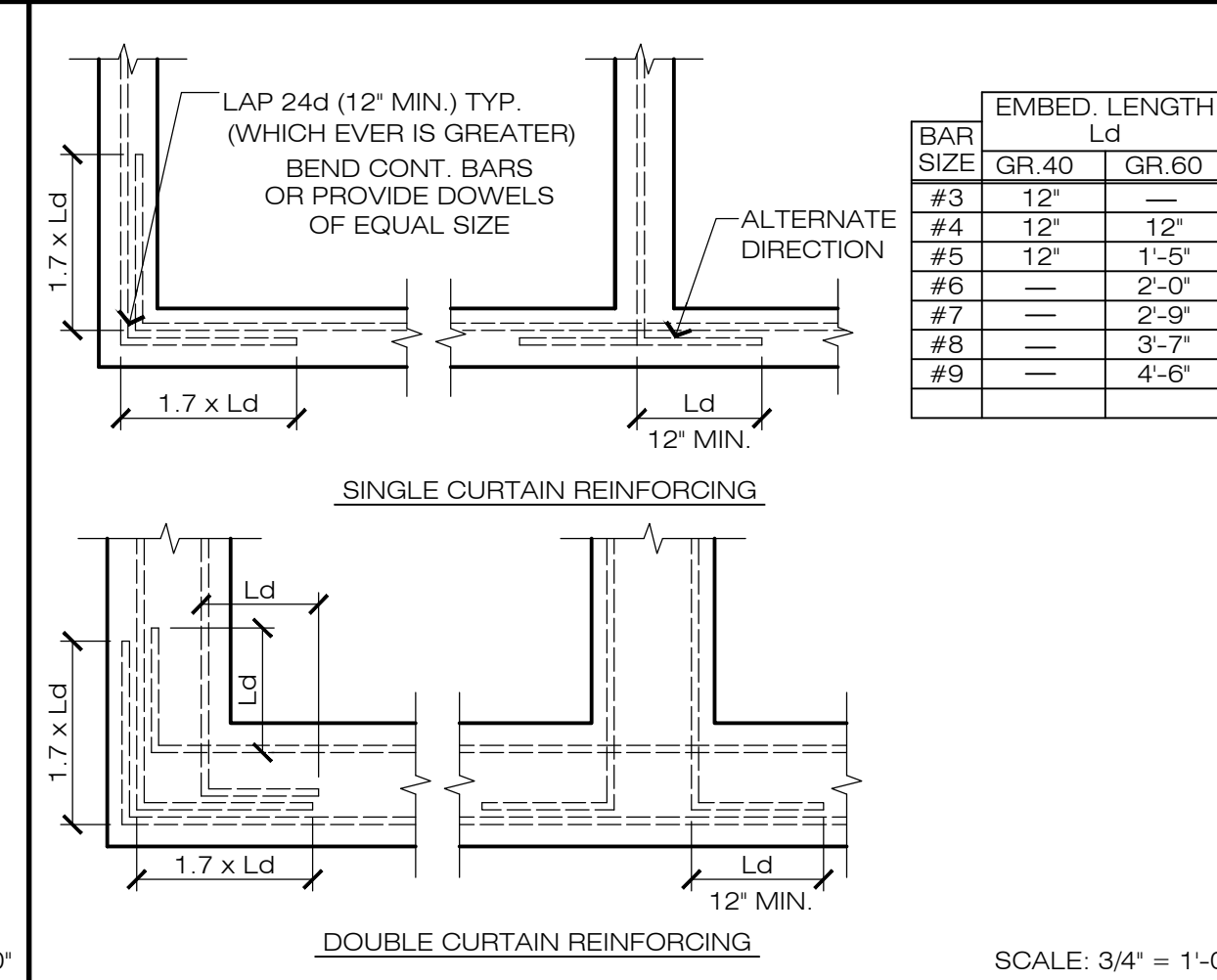
FINISH ROOM AND DOOR SCHEDULES

FILE NO. D-7467
 DRAWN BY VLM
 DATE 01-2019
 SCALE AS NOTED
 SHEET

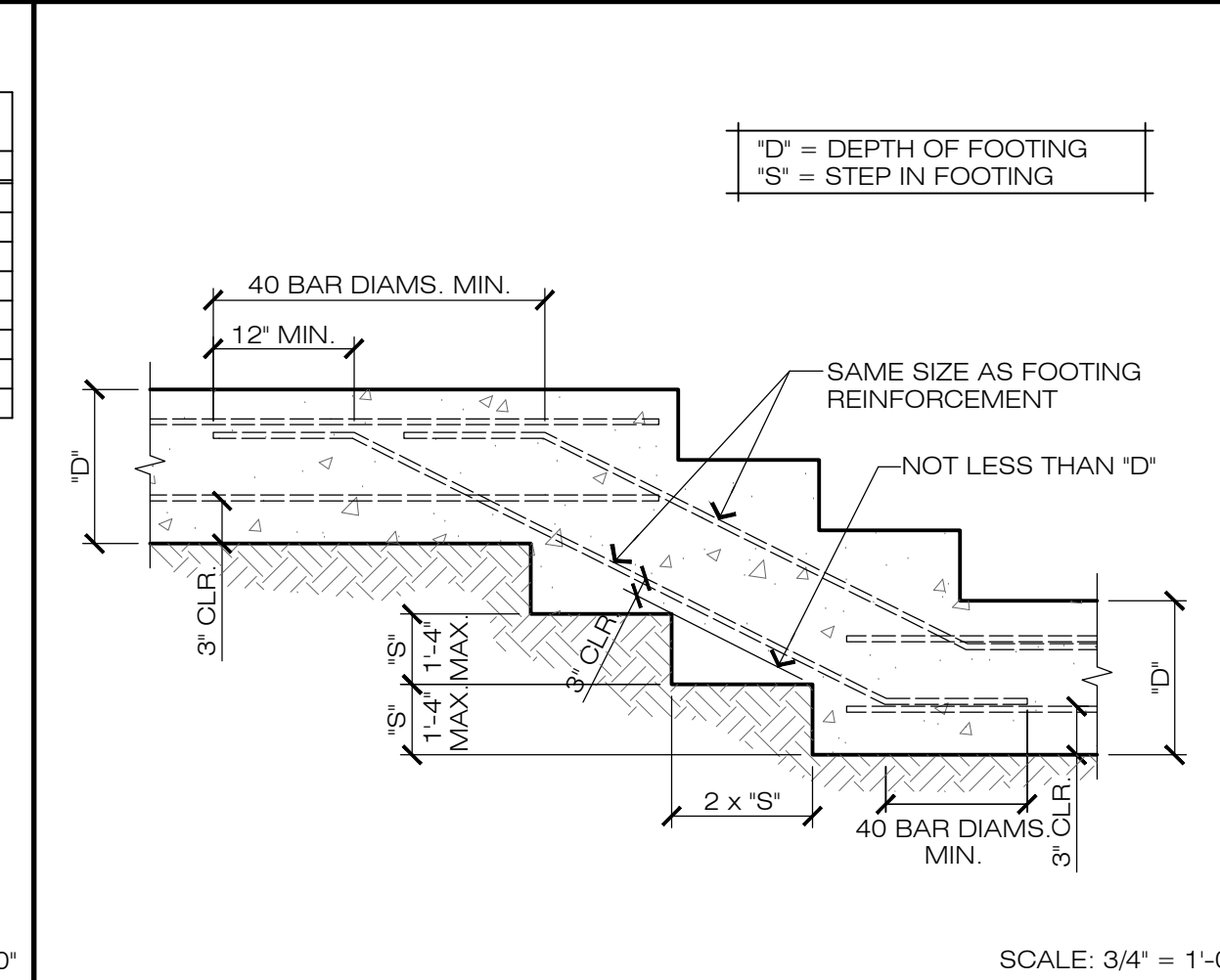
A4
 5 OF 9 SHEETS



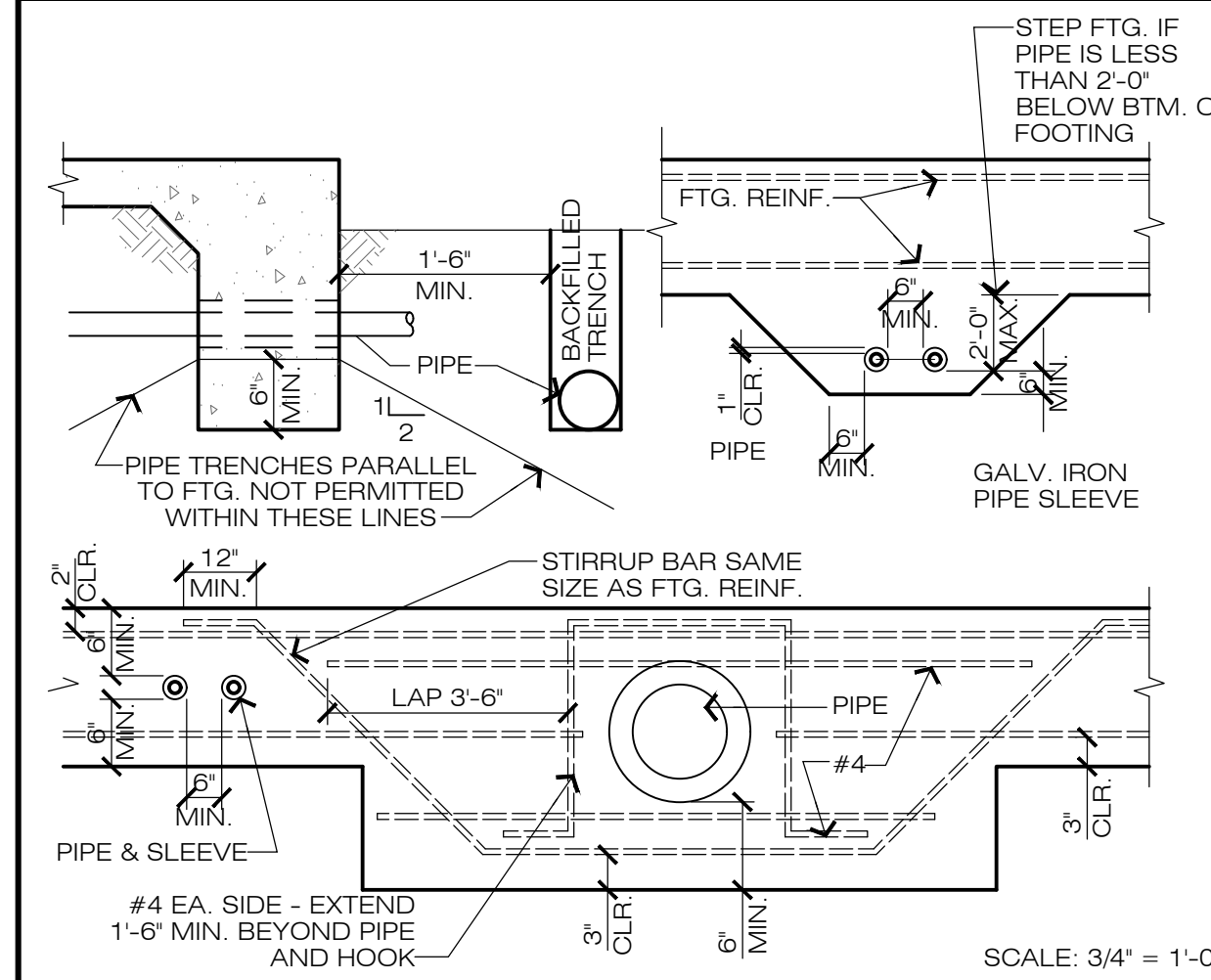
17 CONCRETE SLAB JOINTS



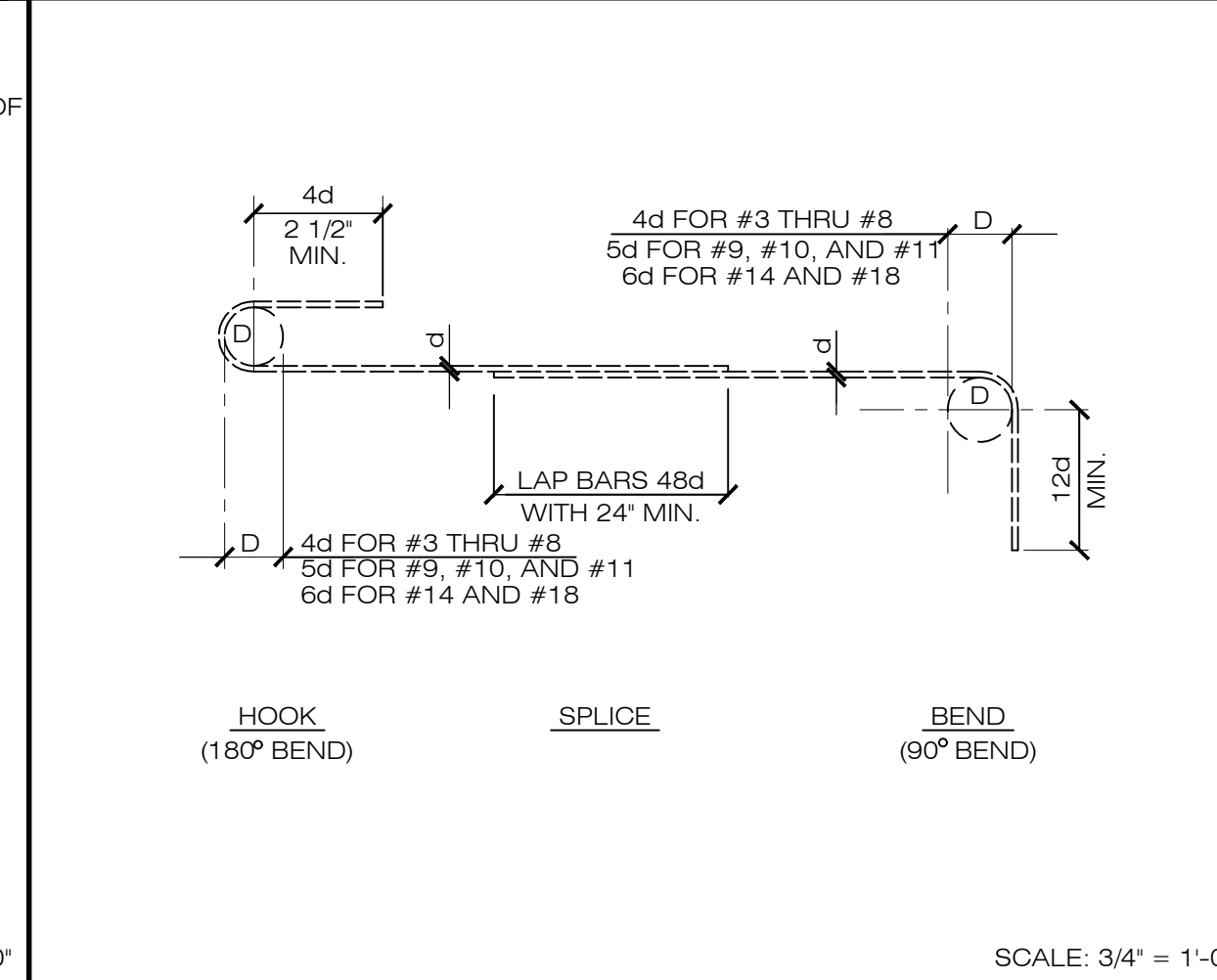
13 CONCRETE CORNER REINF.



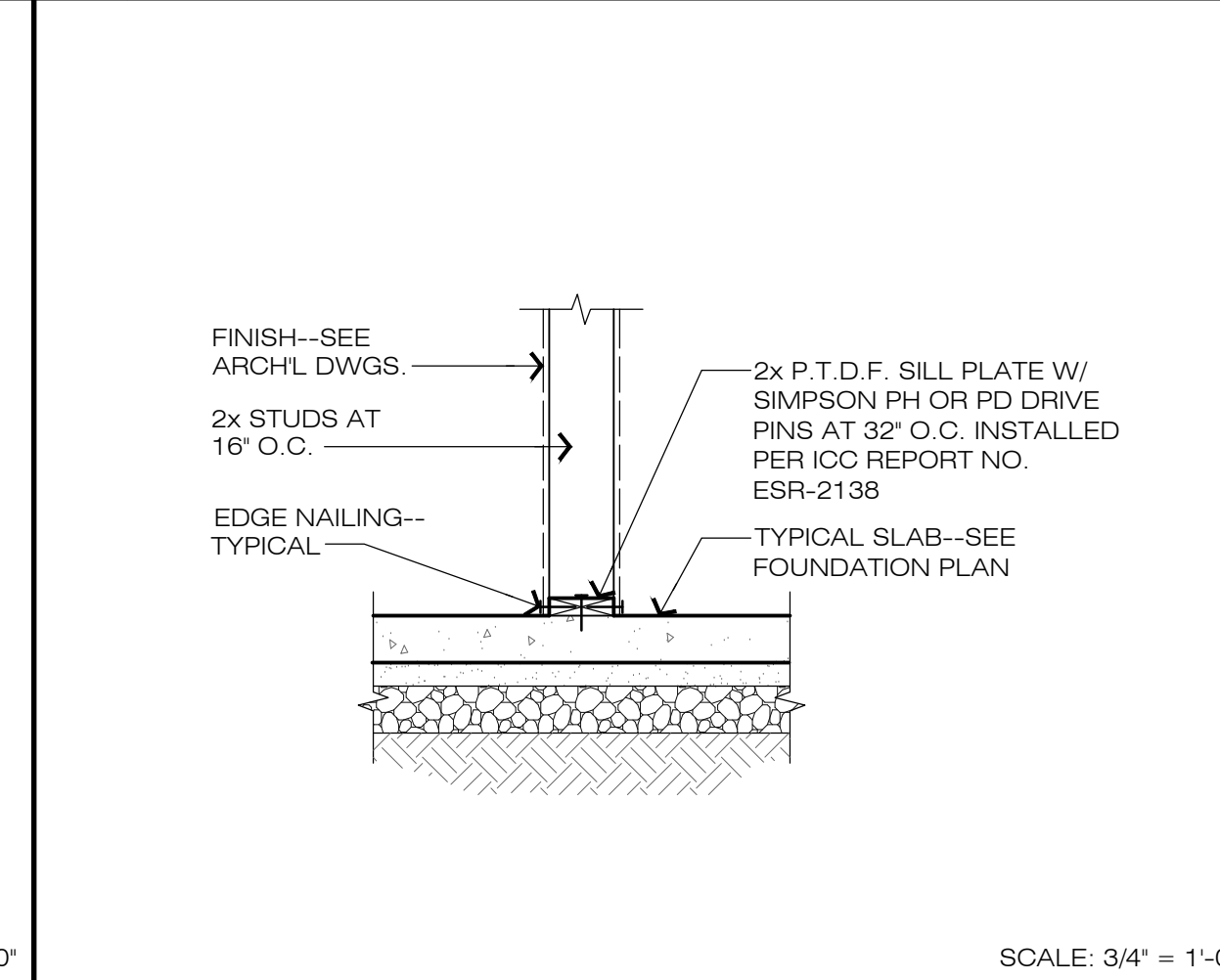
9 STEPPED FOOTING



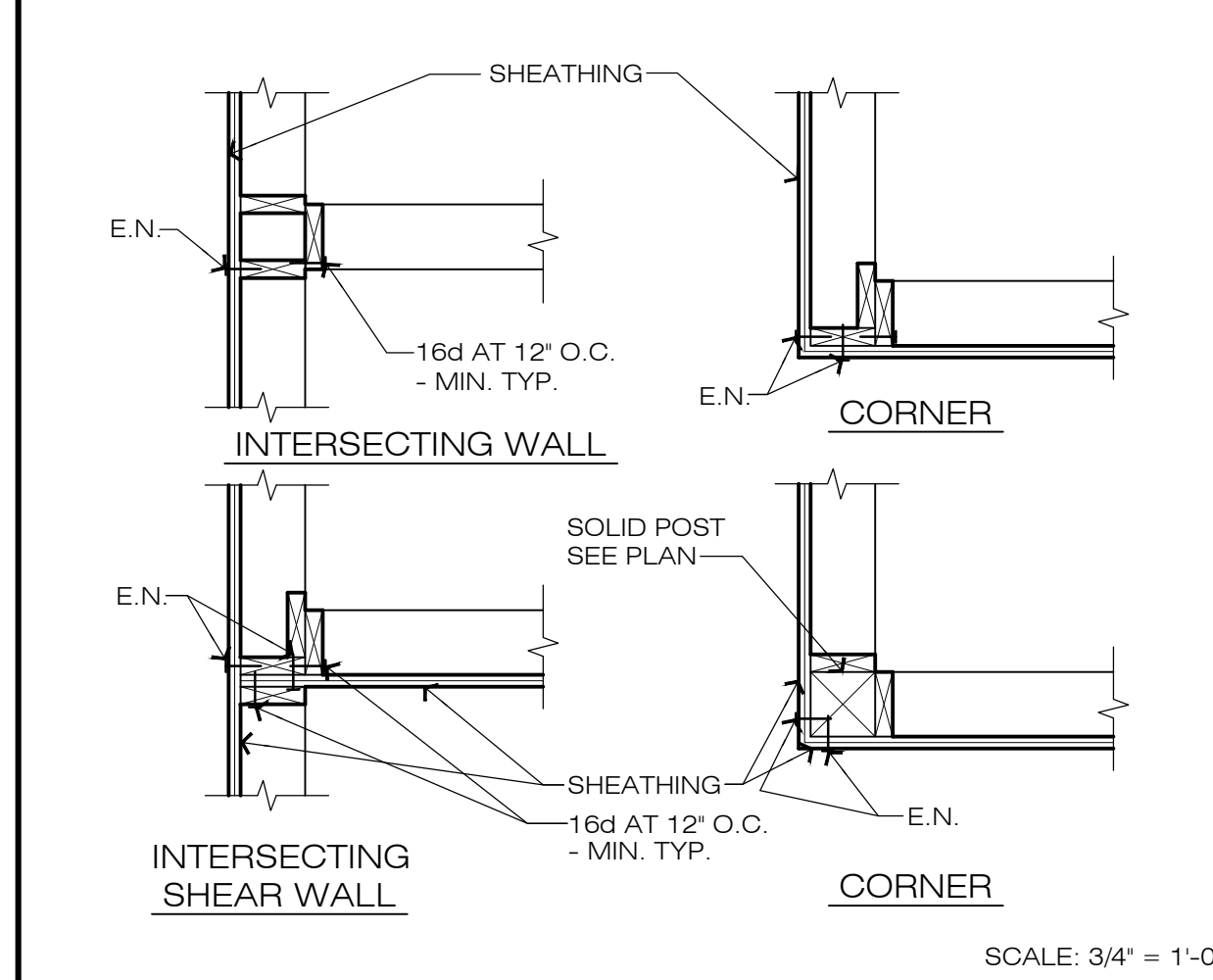
18 TYPICAL PIPE AT FOOTING



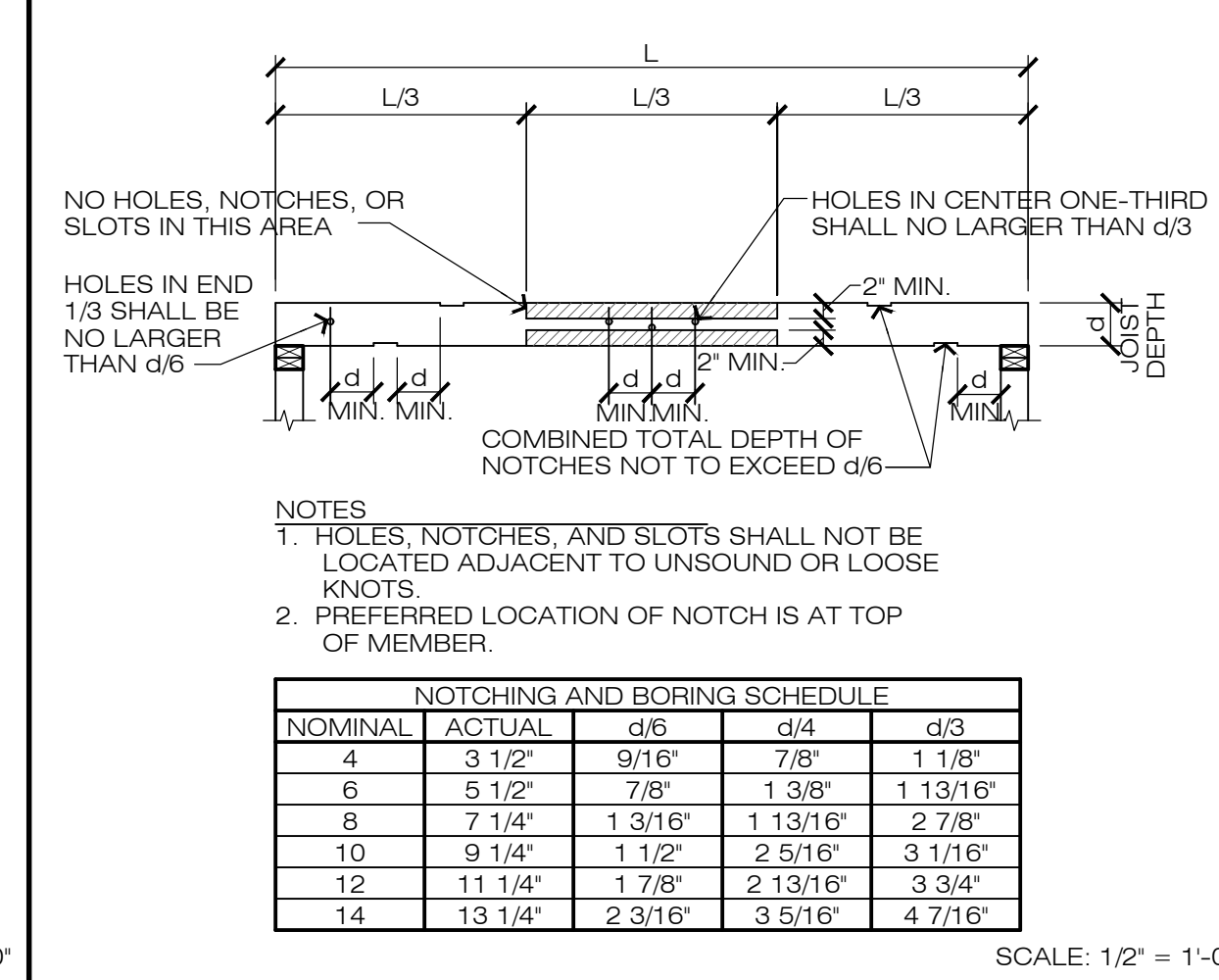
14 REINF. HOOK, BEND, AND LAP



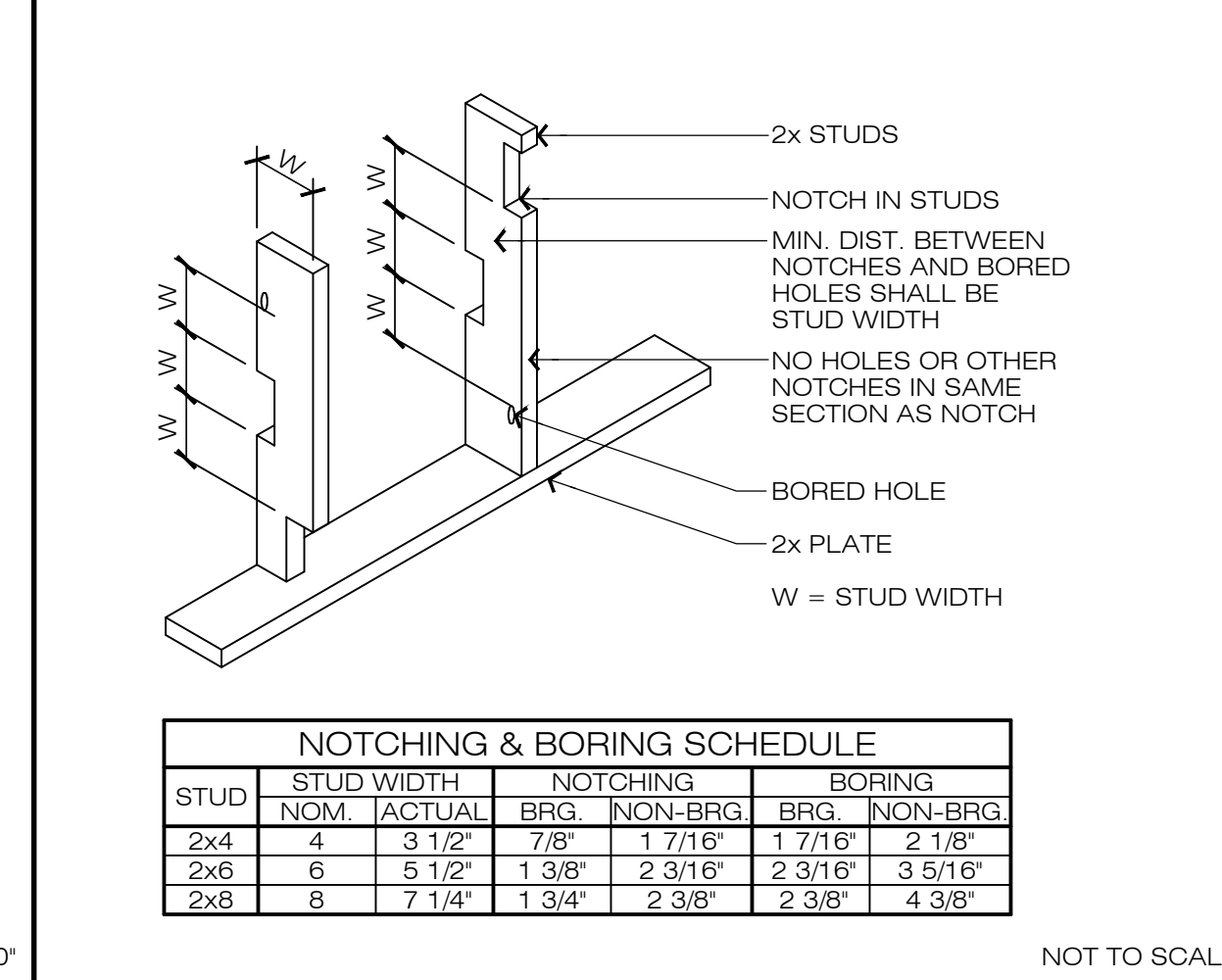
10 NON-BEARING WALL AT SLAB



19 STUD FRAMING AT CORNERS AND INTERSECTIONS



15 JOIST NOTCHING



11 STUD NOTCHING

CONCRETE NOTES

ALL CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS UNLESS OTHERWISE NOTED ON DRAWINGS EXCEPT FOR EXTERIOR STEPS, PORCHES, CARPORT AND GARAGE SLABS WHICH SHALL BE 3,500 PSI MIN. THE QUALITY AND DESIGN OF CONCRETE SHALL BE IN ACCORDANCE WITH CBC EXCEPT ITEMS NOT SPECIFICALLY COVERED THEREIN SHALL ALSO CONFORM WITH ACI-318. THE MAXIMUM SLUMP SHALL BE 5 INCHES. DESIGN BASED ON MINIMUM 2,500 PSI SO NO SPECIAL INSPECTION IS REQUIRED.

REINFORCING STEEL SHALL BE INTERMEDIATE DEFORMED BARS CONFORMING TO ASTM A-615, GRADE 40. SPLICES IN THE REINFORCING STEEL SHALL BE LAPPED 48 BAR DIAMETERS, MINIMUM, UNLESS NOTED OTHERWISE. SEPARATE BARS 1-1/2 BAR DIAMETERS CLEAR WITH A MINIMUM OF 1-1/2" CLEAR. FABRICATING DETAILS SHALL CONFORM TO THE ACI MANUAL OF STANDARD PRACTICE. ALL REINFORCING SHALL HAVE A MINIMUM CONCRETE COVER AS FOLLOWS, UNLESS NOTED OTHERWISE:

SURFACES POURED AGAINST EARTH: 3"

FORMED SURFACES EXPOSED TO GROUND OR WEATHER: 3"

ALL MOULDS, ORNAMENTS, GROOVES, CLIPS, ANCHOR BOLTS, ETC. SHOWN ON THE DRAWINGS SHALL BE PROVIDED FOR IN THE FORM WORK BEFORE THE CONCRETE IS POURED.

ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS AND OTHER INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO POURING CONCRETE.

ALL ANCHOR BOLTS SHALL CONFORM TO ASTM A-307.

WATERPROOFING OF CONCRETE WALL AT RETAINED EARTH BACKFILL SHALL BE EITHER ASPHALT CONFORMING TO ASTM D-449 TYPE A OR COAL TAR PITCH CONFORMING TO ASTM D-450 TYPE B OR AS NOTED BELOW. ALTERNATE WATERPROOFING MATERIALS SUCH AS BENZONITE, THOROSEAL, VOLCLAY PANELS, FLINTKOTE MONO-FORM, BITUTHENE, OR CHEMSTRON NO. 2 OR EQUAL MAY BE USED. APPLY PER MANUFACTURER SPECIFICATIONS.

ALL EXPANSION ANCHORS SHALL BE EITHER:

HILTI KWIK BOLT TZ ANCHORS INSTALLED IN ACCORDANCE WITH ICC REPORT NO. ESR-1917 WITH MINIMUM EMBEDMENTS NOTED, U.N.O. OR

SIMPSON STRONG-BOLT 2 ANCHORS INSTALLED IN ACCORDANCE WITH ICC REPORT NO. ESR-3037 WITH MINIMUM EMBEDMENTS NOTED, U.N.O.

ALL SCREW ANCHORS SHALL BE EITHER:

HILTI HUS-EZ SCREW ANCHORS INSTALLED IN ACCORDANCE WITH ICC REPORT NO. ESR-3027 WITH MINIMUM EMBEDMENTS NOTED, U.N.O. OR

SIMPSON STRONG-BOLT 2 ANCHORS INSTALLED IN ACCORDANCE WITH ICC REPORT NO. ESR-2713 WITH MINIMUM EMBEDMENTS NOTED, U.N.O.

ALL EPOXY ANCHORS SHALL BE EITHER:

HILTI HIT-HY 200 EPOXY ANCHORS INSTALLED IN ACCORDANCE WITH ICC REPORT NO. ESR-3187 WITH MINIMUM EMBEDMENTS NOTED, U.N.O. OR

SIMPSON SET-XP EPOXY ANCHORS INSTALLED IN ACCORDANCE WITH ICC REPORT NO. ESR-2508 WITH MINIMUM EMBEDMENTS NOTED, U.N.O.

7 TYPICAL THICKENED SLAB EDGE

SITE NOTES

CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES SUCH AS CESSPOOLS, CISTERNS, FOUNDATIONS, ETC. IF ANY SUCH STRUCTURES ARE FOUND, NOTIFY THIS ENGINEER IMMEDIATELY.

DEMOLISH AND/OR REMOVE ALL STRUCTURES, BOTH SURFACE AND SUBSURFACE, TREES, BRUSH, ROOTS, DEBRIS AND ALL OTHER DELETERIOUS MATERIALS FROM PROJECT SITE UNDER BUILDING AREA AND AREAS TO RECEIVE FILL.

ALL RELATIVE COMPACTION REQUIREMENTS SHALL CONFORM TO ASTM D-1557 TEST METHOD UNLESS NOTED OTHERWISE. ALL FILL WITHIN BUILDABLE AREAS SHALL BE COMPACTED TO 90% RELATIVE COMPACTION. ALL FILL AND UPPER 6" OF SUBGRADE IN PAVING AREAS SHALL BE COMPACTED TO 95% RELATIVE COMPACTION. ALL TRENCHES IN PAVED AREAS SHALL BE COMPACTED TO A MINIMUM 95% RELATIVE COMPACTION (TOP 2'-0"). ALL TRENCHES BEHIND CURB AND GUTTER SHALL BE COMPACTED TO A MINIMUM 90% RELATIVE COMPACTION.

ALL MATERIALS AND WORK RELATED TO PAVING SHALL CONFORM TO STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, PARTICULARLY SECTIONS 39 AND 40.

ALL IMPROVEMENTS SHALL CONFORM TO LOCAL STANDARDS, UNLESS NOTED OTHERWISE.

ALL PAVED AREAS SHALL BE TREATED WITH POLYBIOCHLORATE AT A RATE OF 4 LBS. PER 100 SQ. FT. TO PREVENT WEED GROWTH.

ALL SITE CONCRETE CURBS, GUTTERS, DRIVE APPROACHES, AND WALKS SHALL BE CLASS B CONCRETE (5 SACK MIX) WITH A MAXIMUM SLUMP OF 5" AND A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 2500 PSI. CARPORT AND GARAGE SLABS, EXTERIOR STEPS, AND PORCHES TO BE 3500 PSI MIN. (NO TESTING REQUIRED).

PROPERTY DIMENSIONS AS SHOWN ARE BASED ON RECORD INFORMATION AND SHOULD BE FIELD VERIFIED BY A PROPERTY SURVEY PRIOR TO CONSTRUCTION.

9. ALL EXTERIOR CONCRETE FLATWORK SHALL HAVE A BROOM FINISH!

12 TYPICAL FRAMING OF STUD WALLS

19 STUD FRAMING AT CORNERS AND INTERSECTIONS

MARK	PANEL IDENTIFICATION	EDGE NAILING	EDGE STUDS	BLKG PLS.	SILL PLS.	ANCHOR BOLTS (SOLE PLATE NAILING)	ALLOW SHEAR	A34 SPAC
6	3/8" CDX WALL SHTG. APA 32/16--BLOCKED	8d AT 6" O.C.	2x	2x	2x	1/2" DIA. AT 48" O.C. (16d AT 8" O.C.)	260	24"
4	3/8" CDX WALL SHTG. APA 32/16--BLOCKED	8d AT 4" O.C.	2x OR 3x	2x OR 3x	2x	1/2" DIA. AT 35" O.C. (16d AT 6" O.C.)	350	18"
3	3/8" CDX WALL SHTG. APA 32/16--BLOCKED	8d AT 3" O.C.	3x	3x	2x	1/2" DIA. AT 30" O.C. (16d AT 4" O.C.)	490	12"
2	3/8" CDX WALL SHTG. APA 32/16--BLOCKED	8d AT 2" O.C.	3x OR DBL 2x	3x OR DBL 2x	3x	1/2" DIA. AT 23" O.C. (* SCREWS AT 10" O.C.)	640	10"
1/4	TYPE '4' ABOVE BOTH SIDES	3x	3x	3x	3x	1/2" DIA. AT 19" O.C. (* SCREWS AT 9" O.C.)	760	8"
1/3	TYPE '3' ABOVE BOTH SIDES	3x	3x	3x	3x	1/2" DIA. AT 15" O.C. (* SCREWS AT 7" O.C.)	980	6"
1/2	TYPE '2' ABOVE BOTH SIDES	3x	3x	3x	3x	1/2" DIA. AT 12" O.C. (* SCREWS AT 5" O.C.)	1,280	5"

* USE TYPE '6' U.N.O. ON ALL EXTERIOR WALLS

* SCREWS SHALL BE SIMPSON SDS 1/4" DIA. X 1/2"

1. ALL EDGES OF SHEATHING SHALL BE FASTENED AS PER SCHEDULE NAILING REQUIREMENTS.

2. ALL NAILS SHALL BE COMMON WIRE NAILS.

3. ALL SHEATHING SHALL BE MARKED APA W/ EXTERIOR GLUE.

4. PREDRILL NAIL HOLES WHERE SHEATHING TENDS TO SPLIT.

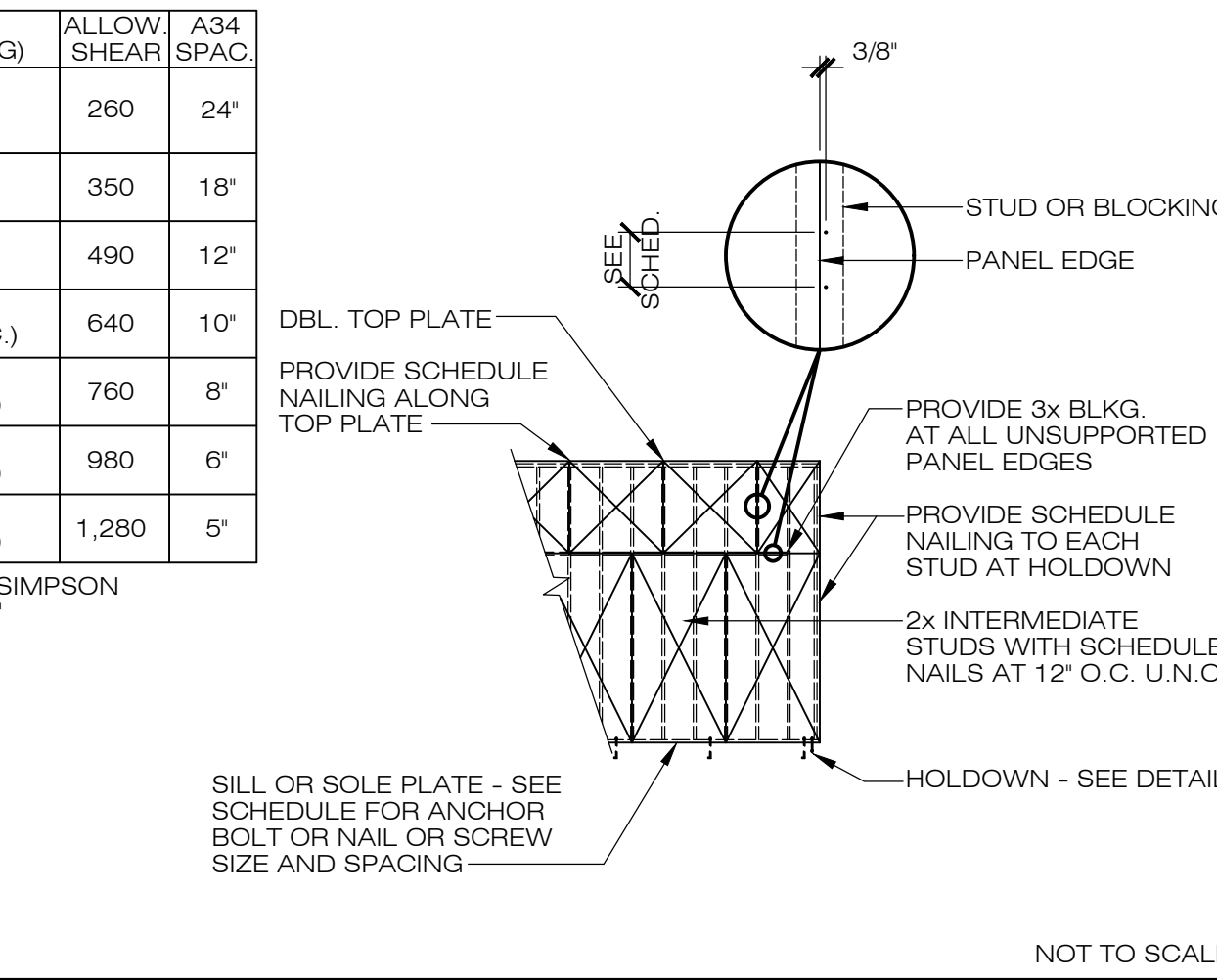
5. MINIMUM INDIVIDUAL PIECE: 8 SQ. FT.

6. EXTEND SHEATHING PAST EDGE OF SHEAR WALL TO PROVIDE SMOOTH BACKING FOR ARCHITECTURAL FINISH.

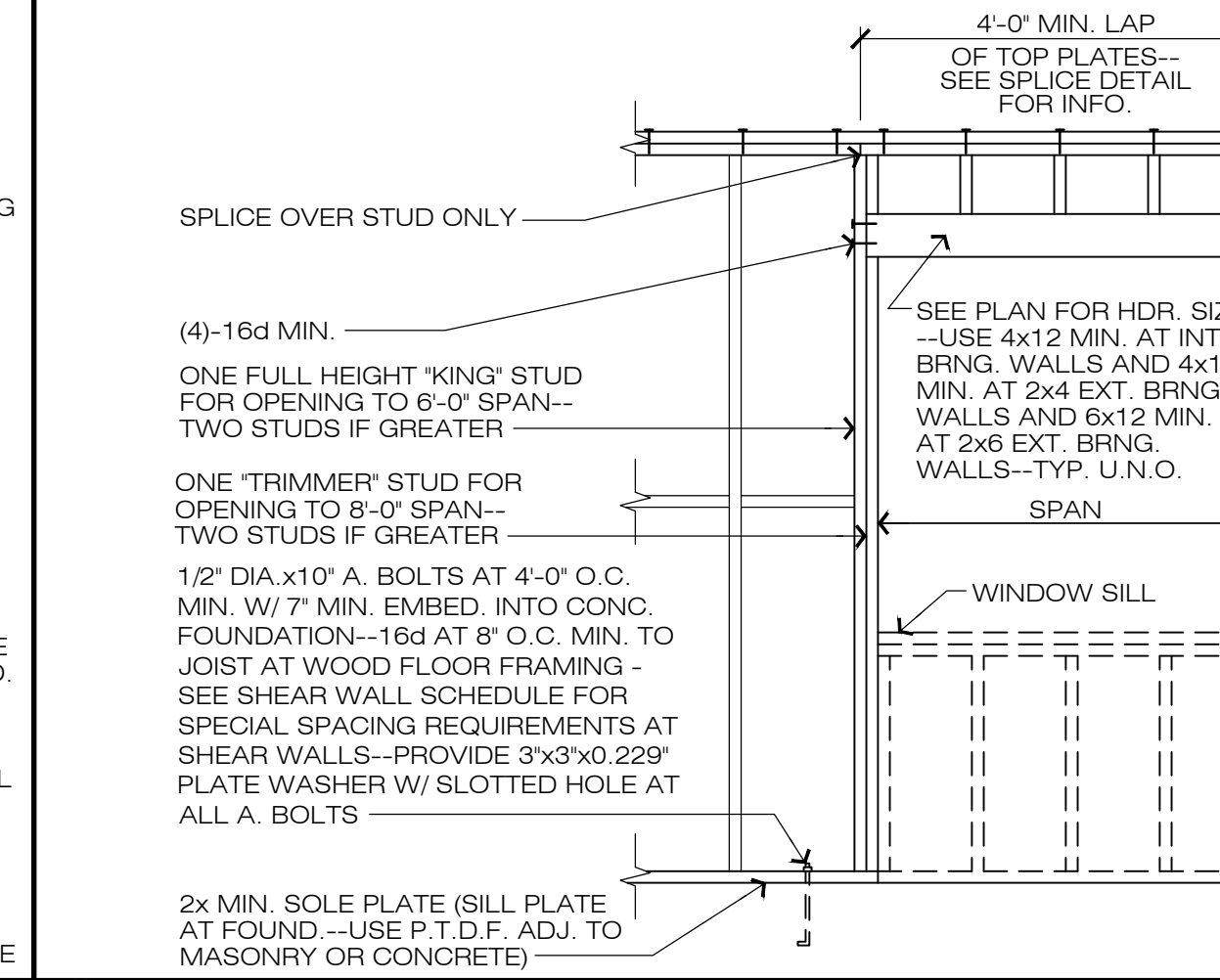
7. WHERE WOOD SHEATHING IS APPLIED ON BOTH FACES OF WALL AND NAIL SPACING IS LESS THAN 6" O.C., PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS.

8. AT EACH ANCHOR BOLT, PROVIDE PLATE WASHERS W/ SLOTTED HOLES, A MINIMUM OF 3"x3"x0.229" PER CBC.

20 SHEAR WALL SCHEDULE

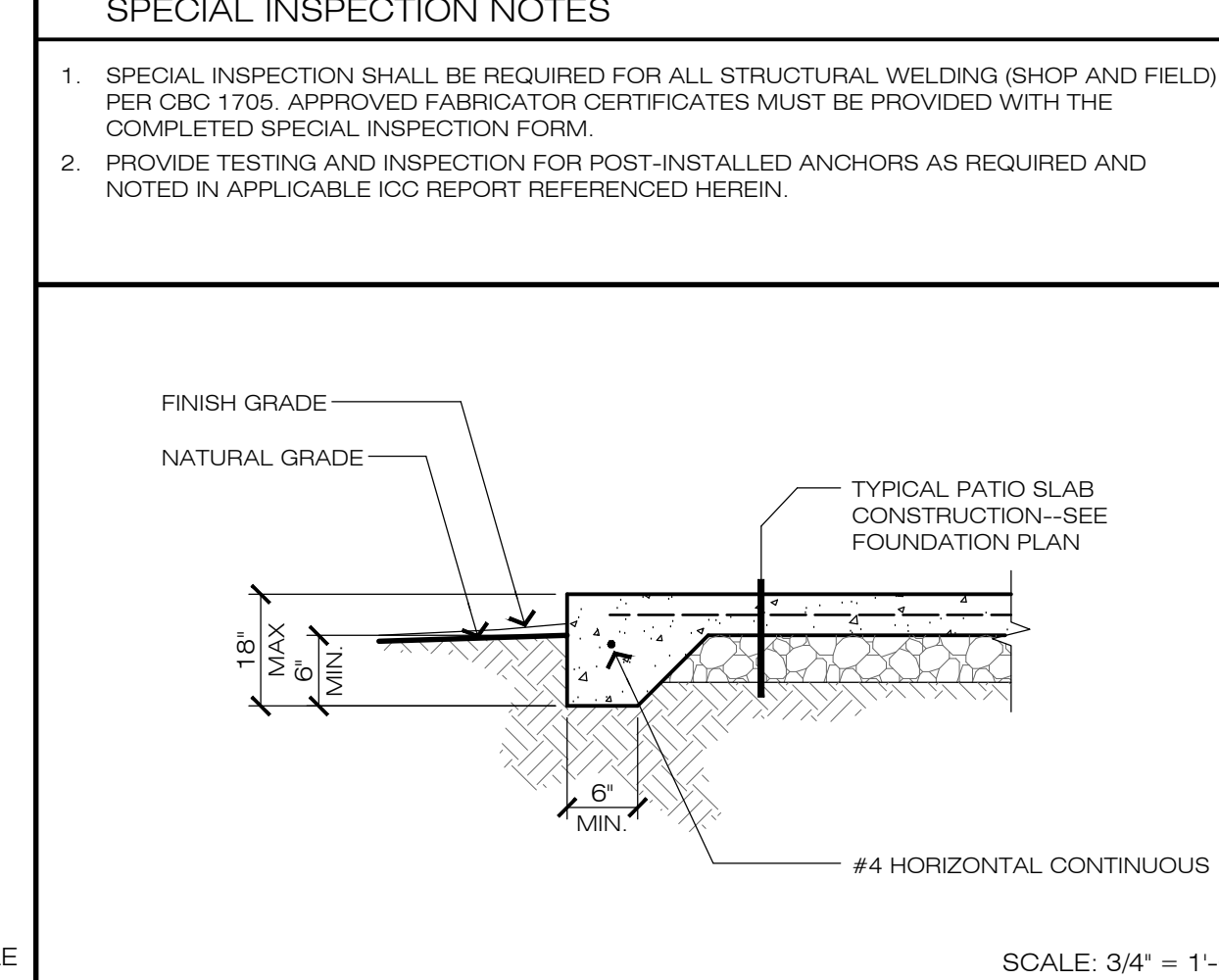


12 TYPICAL FRAMING OF STUD WALLS

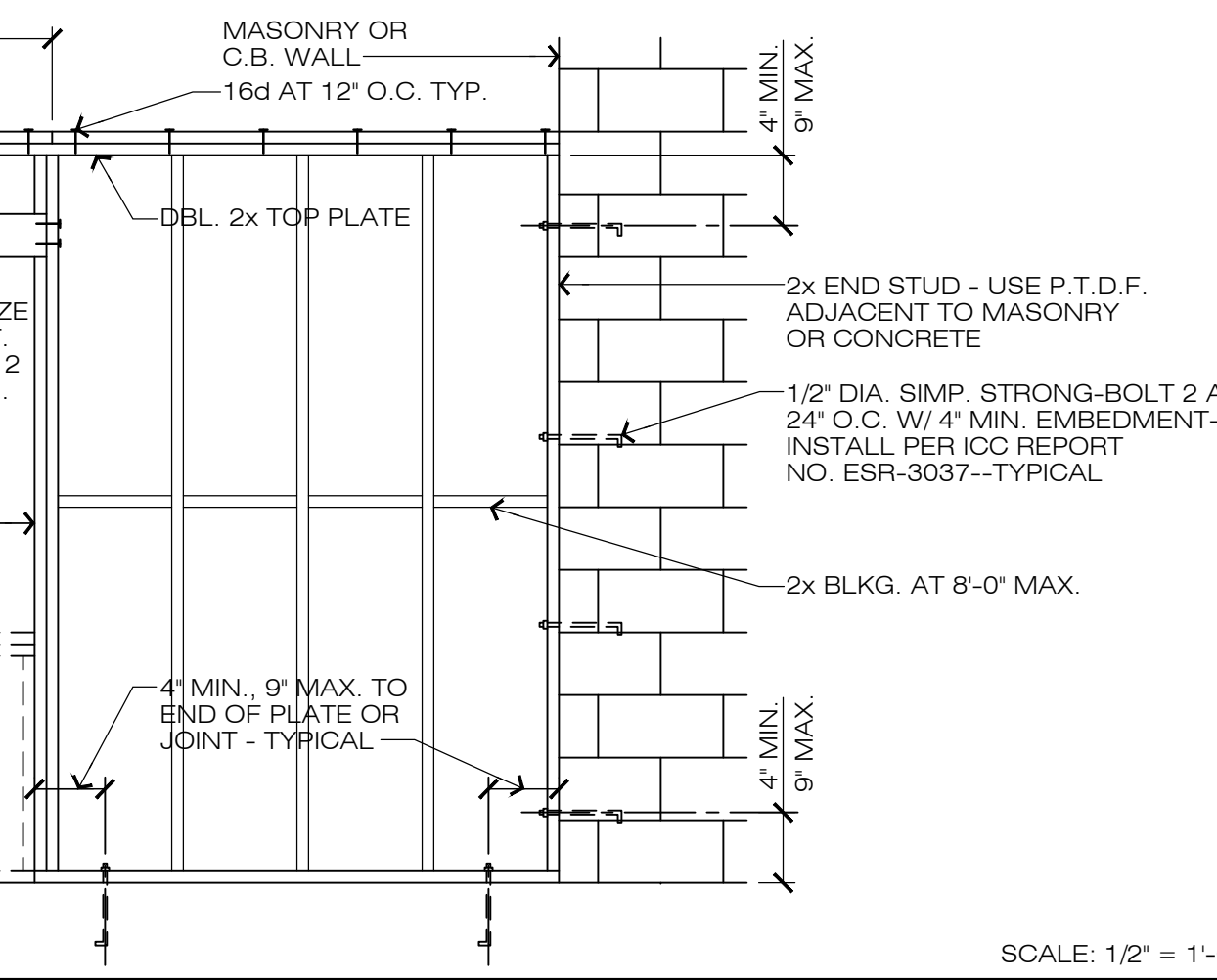


12 TYPICAL FRAMING OF STUD WALLS

7 TYPICAL THICKENED SLAB EDGE



7 TYPICAL THICKENED SLAB EDGE



7 TYPICAL THICKENED SLAB EDGE

GENERAL STRUCTURAL NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE CALIFORNIA BUILDING CODE (CBC) CURRENT EDITION, AND ALL OTHER PUBLICATIONS AND STANDARDS LISTED HEREIN.

2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. NOTIFY THIS ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES.

3. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS OR SPECIFICATIONS.

4. WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDUM.

5. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING, FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC.

6. TEMPORARY BRACING OR SHORING SHALL NOT BE REMOVED UNTIL MATERIALS REACH THEIR ULTIMATE STRENGTH.

7. OPENINGS, POCKETS, ETC., SHALL NOT BE PLACED IN SLABS, DECKS, BEAMS, JOISTS, COLUMNS, WALLS, ETC., UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS. NOTIFY THIS ENGINEER WHEN DRAWINGS BY OTHERS SHOW OPENINGS, POCKETS, ETC., NOT SHOWN ON THE STRUCTURAL DRAWINGS, BUT WHICH ARE LOCATED IN STRUCTURAL MEMBERS.

8. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOOR OR ROOF. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT. PROVIDE ADEQUATE SHORING AND BRACING WHERE SUCH LOADS WOULD EXCEED DESIGN LIVE LOAD.

9. CONTRACTOR SHALL READ AND FOLLOW ALL REFERENCED ICC REPORTS FOR INSTALLATION OF ITEMS AS SHOWN. ALTERNATE METHODS OF CONSTRUCTION MAY BE SUBMITTED FOR APPROVAL TO THIS ENGINEER WITH APPLICABLE ICC REPORTS.

10. FIELD INSPECTION IS NOT INCLUDED WITHIN THE SCOPE OF SERVICES PROVIDED BY THIS ENGINEER.

4 APPROVALS

WOOD FRAMING NOTES

1. FOUNDATION PLATES OR SILLS AND SLEEPERS PLACED AGAINST CONCRETE, WHICH ARE IN DIRECT CONTACT WITH EARTH, SHALL BE PRESERVATIVE TREATED D.F. #2 MIN. U.N.O. USE STAINLESS STEEL FASTENERS, ANCHORS, AND CONNECTORS FOR PRESSURE-TREATED (PT) WOOD APPLICATIONS. DUE TO THE VARIABILITY IN CHEMICALS USED, UNLESS AN ALTERNATE IS RECOMMENDED AND APPROVED IN WRITING BY THE TREATED WOOD SUPPLIER, UNCOATED AND/OR PAINTED PRODUCTS SHALL NOT BE USED WITH TREATED WOODS. THE CONNECTORS AND FASTENERS SHALL BE MADE OF LIKE MATERIALS WHEN USING STAINLESS STEEL OR HOT DIPPED GALVANIZED (HDG) CONNECTORS.

2. ALL 6x AND LARGER FRAMING MEMBERS SHALL BE D.F. #1 OR BETTER, UNLESS NOTED OTHERWISE (U.N.O.).

3. ALL 2x AND 4x FRAMING MEMBERS SHALL BE D.F. #2 OR BETTER, U.N.O. PROVIDE 2x FULL DEPTH BLOCKING AT 10'-0" O.C. MAX. FOR ALL JOISTS AND RAFTERS.

4. ALL 2x WALL STUDS SHALL BE D.F. STUD GRADE (#3) OR BETTER, U.N.O. PROVIDE 2x FULL DEPTH BLOCKING AT 10'-0" O.C. MAX. FOR ALL STUDS.

5. ALL SHEATHING SHALL BE GRADE C-D, MINIMUM, FABRICATED IN CONFORMANCE WITH ICC REPORT NO. NER-108, AND IDENTIFIED WITH THE GRADE TRADEMARK OF THE APA. ROOF SHEATHING SHALL HAVE A PANEL INDEX OF 3216 AND BE EXPOSURE 1 MINIMUM. FLOOR SHEATHING, WHERE REQUIRED, SHALL HAVE A MINIMUM PANEL INDEX OF 40/20. WALL SHEATHING, WHERE REQUIRED, SHALL HAVE A MINIMUM PANEL INDEX OF 24/0. SHEATHING EXPOSED AT OVERHANGS OR OTHERWISE PERMANENTLY EXPOSED TO WEATHER SHALL BE GRADE C-D EXTERIOR WITH A PANEL INDEX AS PREVIOUSLY NOTED.

6. ALL NAILS SHALL BE COMMON WIRE. FOR MIN. REQUIREMENTS REFER TO CBC TABLE 2304.9.1.

7. ALL BOLTS AND NUTS SHALL CONFORM TO ASTM A-307. STANDARD CUT WASHERS SHALL BE FURNISHED AT EACH BOLT HEAD AND NUT BLOCKED NEXT TO WOOD. PROVIDE 3"x3"x0.229" CUT WASHERS W/ SLOTTED HOLE AT ANCHOR BOLTS--TYPICAL.

8. ALL SHEET METAL CONNECTORS USED FOR CONNECTING STRUCTURAL WOOD MEMBERS SHALL HAVE ICCD APPROVAL AND BE SIMPSON STRONG-TIE CONNECTORS OR EQUAL AS APPROVED IN WRITING. ALL CONNECTORS SHALL BE GALVANIZED OR PROVIDED WITH APPROVED CORROSION PROTECTION PAINT--SEE NOTE 1 ABOVE.

9. ALL FRAMING DETAILS AND MINIMUM CONSTRUCTION REQUIREMENTS SHALL CONFORM TO 'CONVENTIONAL LIGHT-FRAME CONSTRUCTION' OF THE CBC, SECTION 2308, UNLESS SPECIFICALLY DETAILED OR NOTED OTHERWISE IN THESE DRAWINGS.

4 APPROVALS

APPROVALS

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Construction contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project including safety of all persons and property, that this responsibility shall be made to apply continuously and not be limited to normal working hours, and construction contractor further agrees to defend, indemnify and hold design professional harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting liability arising from the sole negligence of design professional.

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4 APPROVALS

CREWS QUARTERS BUILDING FOR:
AMADOR COUNTY GENERAL SERVICES - PUBLIC WORKS

CLIENT:
AMADOR CO. GENERAL SERVICES
810 COURT STREET
JACKSON, CA 95642
(209) 304-2448

MILING ADDRESS:
AMADOR CO. GENERAL SERVICES
810 COURT STREET
JACKSON, CA 95642
(209) 304-2448

WEATHERBY REYNOLDS FRITSON
ENGINEERING AND DESIGN

PROFESSIONAL SEAL:
WEATHERBY REYNOLDS FRITSON
REGISTERED PROFESSIONAL ENGINEER
No. 5332
Exp. 12-31-21
STATE OF CALIFORNIA

BIDDER COPY

DESIGN CRITERIA NOTES

BASIC SNOW LOAD: 20 PSF

FLOOR LIVE LOAD: 50 PSF (COMMERCIAL)

WIND LOAD: 110 MPH, EXPOSURE C, IMP. FACTOR 1.0, Kzt=1.0, BASIC WIND PRESSURE 14.52 PSF (ASD)

LATITUDE: +38.3727° N

LONGITUDE: -120.7979° W

SEISMIC LOAD: SITE CLASS D, SDC D, IMP. FACTOR 1.0, R = 3.5, Ss = 0.433, S1 = 0.225, S2 = 0.145, S3 = 0.085, SMs = Fa * Ss = 0.630, SM1 = Fv * S1 = 0.439, SDs = 2/3 * SMs = 0.420, SD1 = 2/3 * SM1 = 0.293, Ta = Ct * hn * x = 0.020 * 20 * 0.75 = 0.189 secs, Vu = Ct * W * Ws = SDCs (R) * W = 0.120 * W, Va = Cs1 * 4 * W * W = 0.086 * W

FOUND. DESIGN: ALLOWABLE BEARING 1,500 PSF PER CBC 1806.2

DESIGN CRITERIA NOTES

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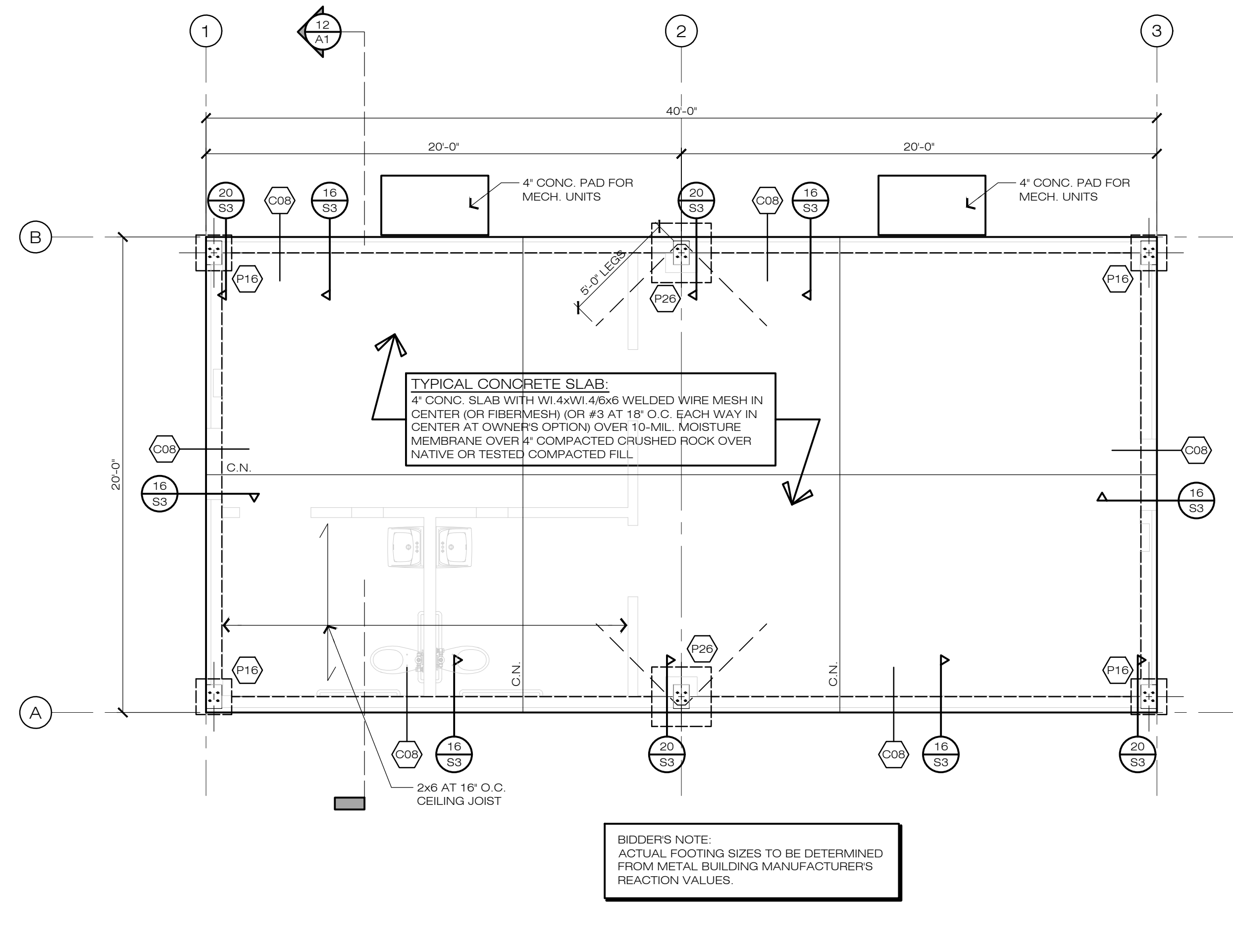
FOUND. DESIGN: ALLOWABLE BEARING 1,500 PSF PER CBC 1806.2

APPROVALS

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FILE NO. D-7467
DRAWN BY VLM
DATE 01-2019
SCALE AS NOTED
SHEET 6 OF 9 SHEETS



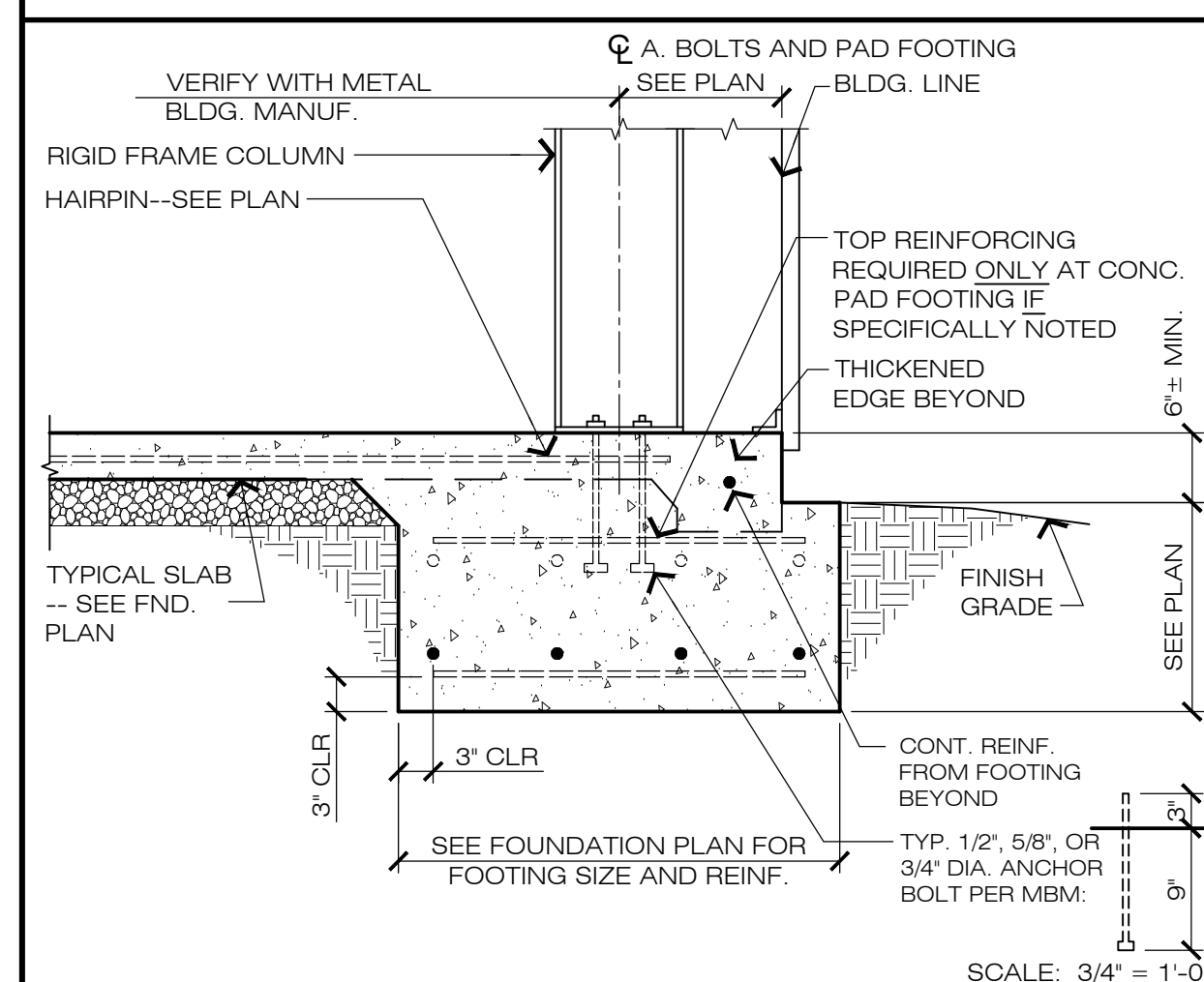
- SEE NOTES ON SHEET S1 FOR ADDITIONAL REQUIREMENTS.
 - SEE DETAIL 9/S1 FOR TYPICAL STEPPED FOOTING REQUIREMENTS.
 - NO USED - DELETED
 - CJ DENOTES CONSTRUCTION JOINT--SEE DETAIL 17/S1.
 - CN DENOTES CONTROL JOINT--SEE DETAIL 17/S1.
 - ALL DIMENSIONS ARE TO FACE OF SLAB, FACE OF WALL AND/OR FACE OF STUD OR WALL, U.N.O.
 - CENTER FOOTINGS BELOW BEARING WALLS AND COLUMNS U.N.O.
 - △--DENOTES WALL SHEATHING TYPE--SEE DETAIL 20/S1.
 - △--DENOTES HOLDDOWN TYPE.
 - △--DENOTES CONTINUOUS FOOTING--SEE FOOTING SCHEDULE BELOW.
 - △--DENOTES PAD FOOTING--SEE FOOTING SCHEDULE BELOW.
 - SEE ARCH. DRAWING AND SITE PLAN FOR FLATWORK ELEVATIONS.
- C8 0'-8" WIDE x 0'-8" DEEP CONTINUOUS CONCRETE THICKENED EDGE OF SLAB
 C16 1'-8" WIDE x 1'-0" DEEP CONTINUOUS CONCRETE FOOTING WITH #4 TOP AND BOTTOM (PROVIDE 8" STEM AND 12" WIDE FOOTING--6" THICK AND 12" MIN. INTO GRADE)
 P26 2'-6" DIAMETER x 1'-0" DEEP CONCRETE PAD FOOTING WITH NO REINFORCEMENT REQUIRED

1 FOUNDATION NOTES & SCHEDULE

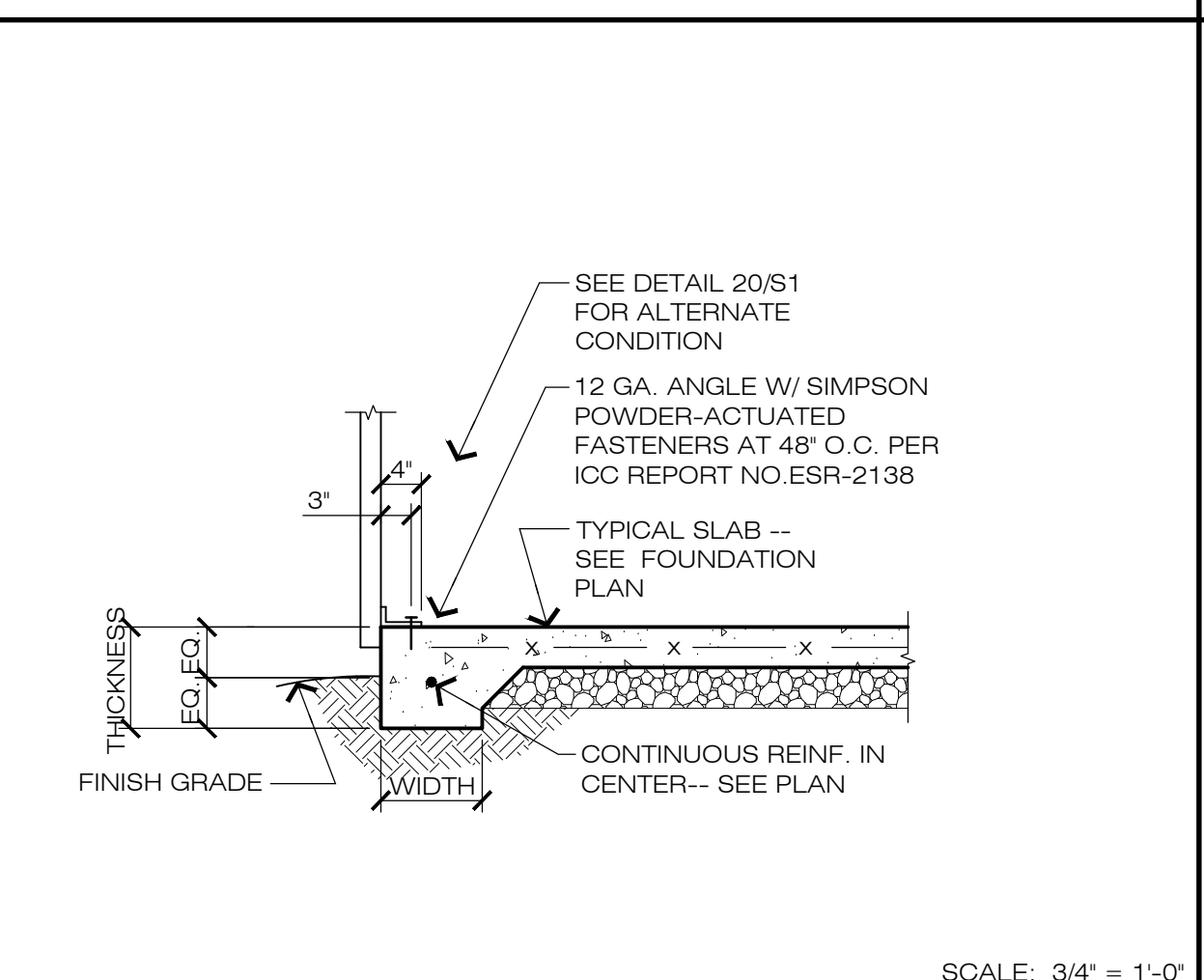
18 FOUNDATION PLAN

6

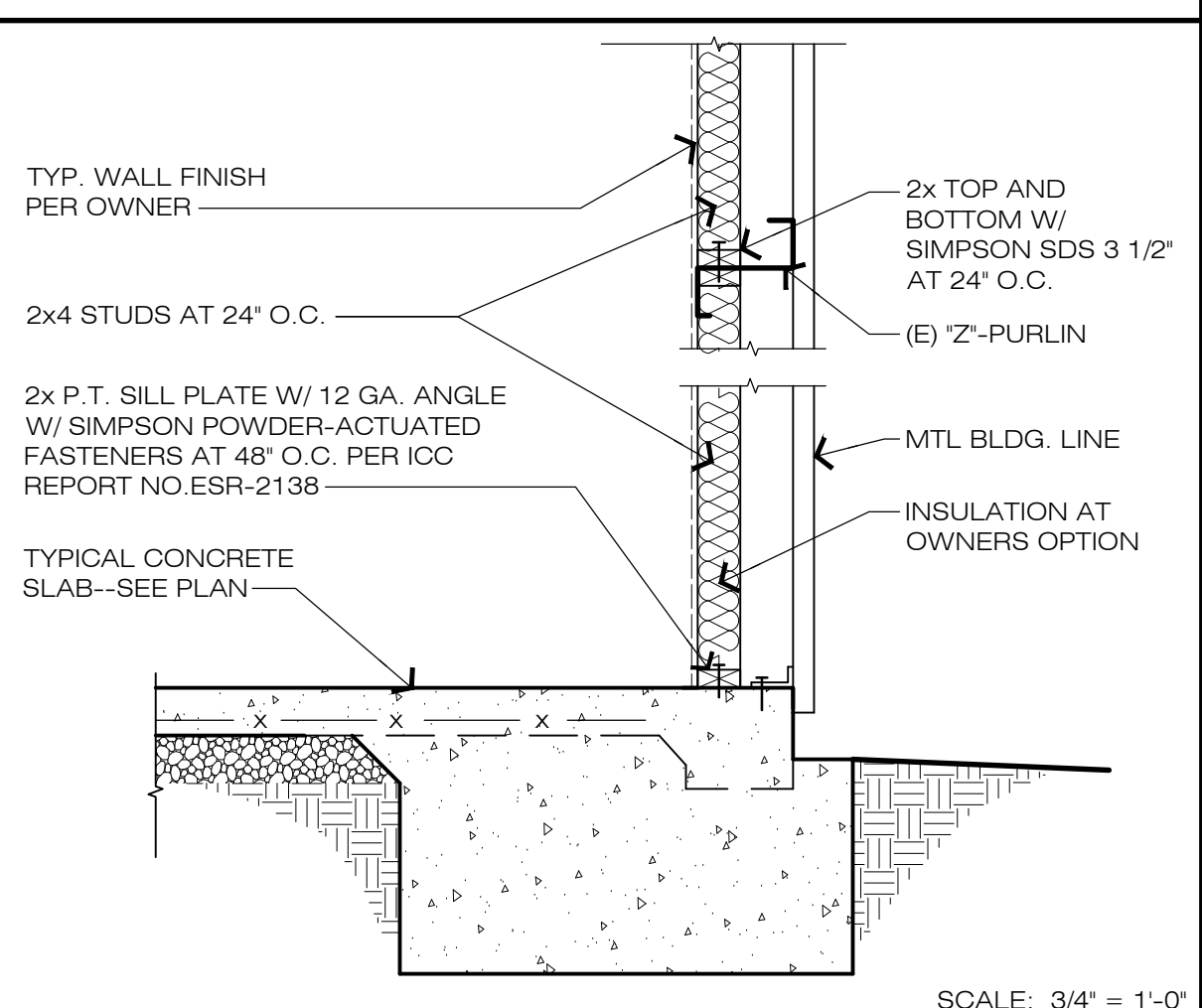
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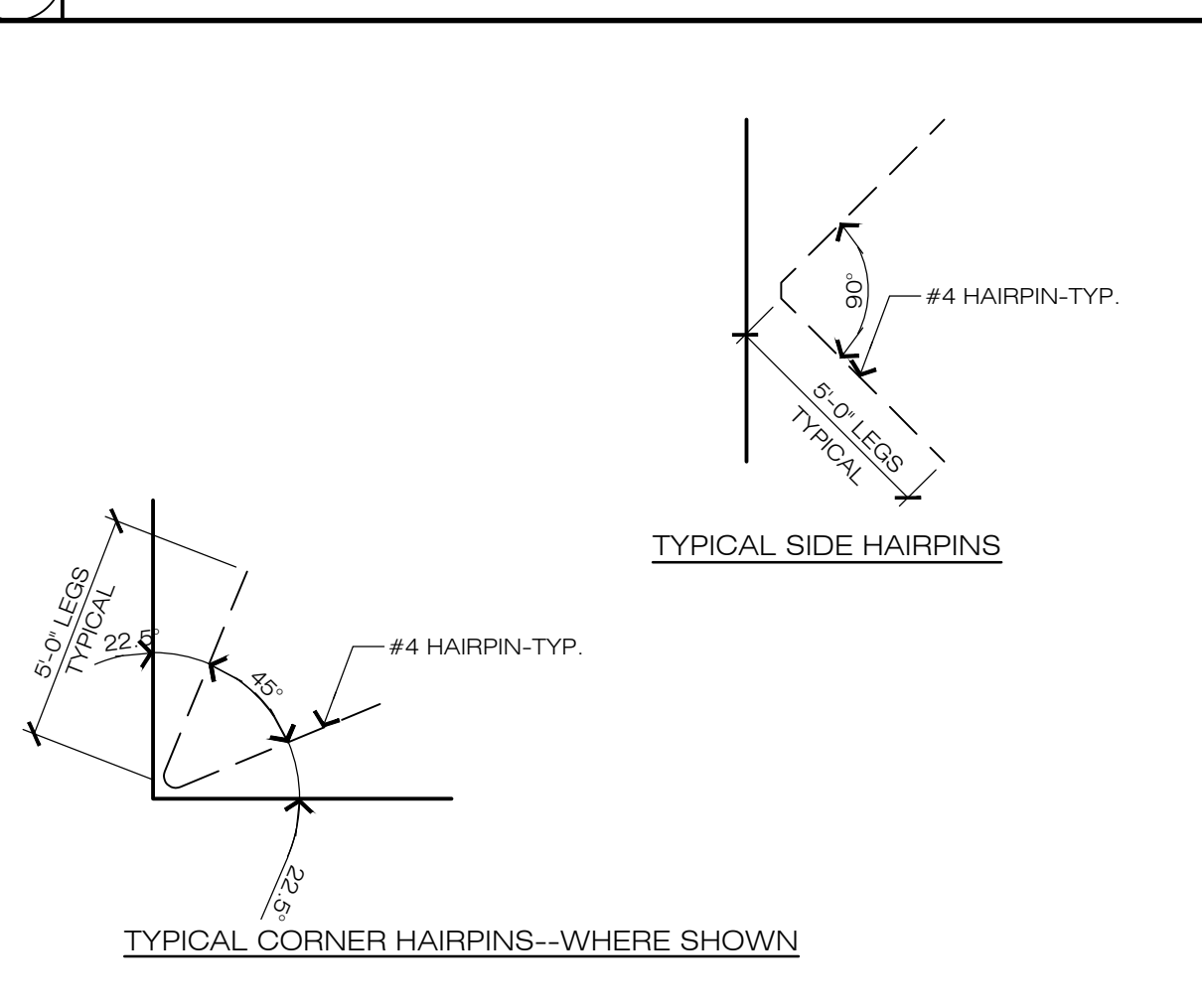
20 FOOTING DETAIL



16 SLAB EDGE DETAIL



12 2x WALL BETWEEN GIRTS DETAIL



8 HAIRPIN DETAIL

4 APPROVALS

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MARK	DATE	DESCRIPTION	BY
1	11-06-19	MATERIAL SPECS	VLM

CLIENT:
 CREWS QUARTERS BUILDING FOR:
 AMADOR COUNTY GENERAL SERVICES - PUBLIC WORKS

MAILING ADDRESS:
 AMADOR CO. GENERAL SERVICES
 610 COURT STREET
 JACKSON, CA 95642
 (209) 304-2446

PROJECT LOCATION:
 12200 AIRPORT ROAD
 JACKSON, CA 95642
 A.P.N. 044-010-116-000

WEATHERBYREYNOLDSFRITSON

 ENGINEERING AND DESIGN

BIDDER'S COPY

STATE OF CALIFORNIA
 E. WEATHERBY
 3332
 216 Peak Street
 Jackson, CA 95642
 (209) 223-0381 [Voice]
 (209) 223-0716 [Fax]
 http://www.wrfd.com

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DRAWINGS

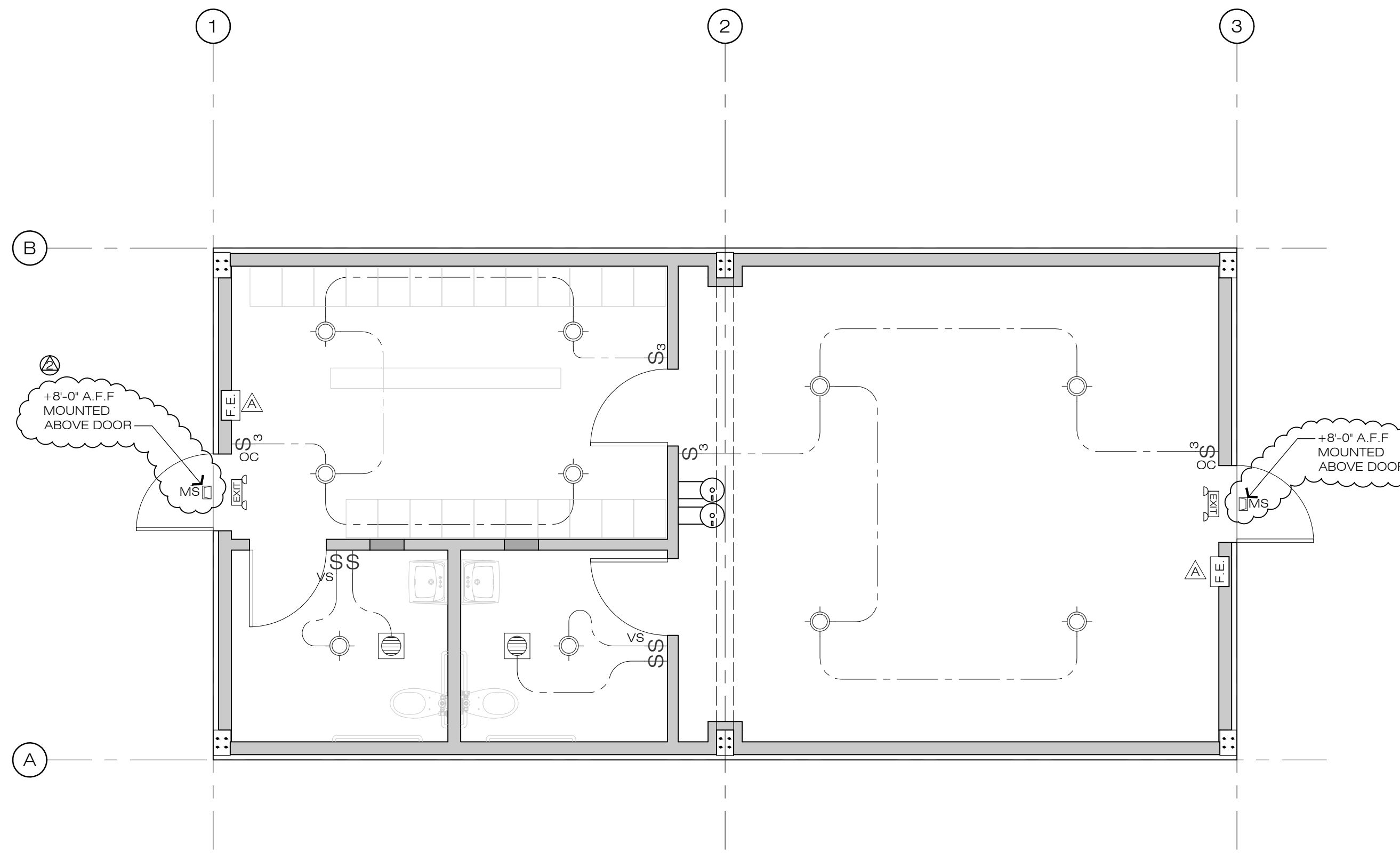
FOUNDATION PLAN, AND NOTES

FILE NO. D-7467
 DRAWN BY VLM
 DATE 01-2019
 SCALE AS NOTED
 SHEET

S2

7 OF 9 SHEETS

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LIGHTING FIXTURE SCHEDULE

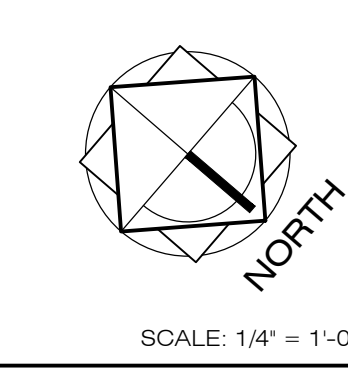
SYM	NO.	TYPE	MANUFACTURE	QTY	WATT	LOCATION	COMMENTS
⊙	L1	LED CEILING	GEORGE KOVACS: P842	10	25	101, 102, 103 & 104	10" FLUSH MOUNT -2326 LUMENS
□	L2	WALL LIGHT	LITHONIA: WDG1 LED	2	4	EXIT DOORS	WALL MOUNT -

ROOM LIGHTING SCHEDULE

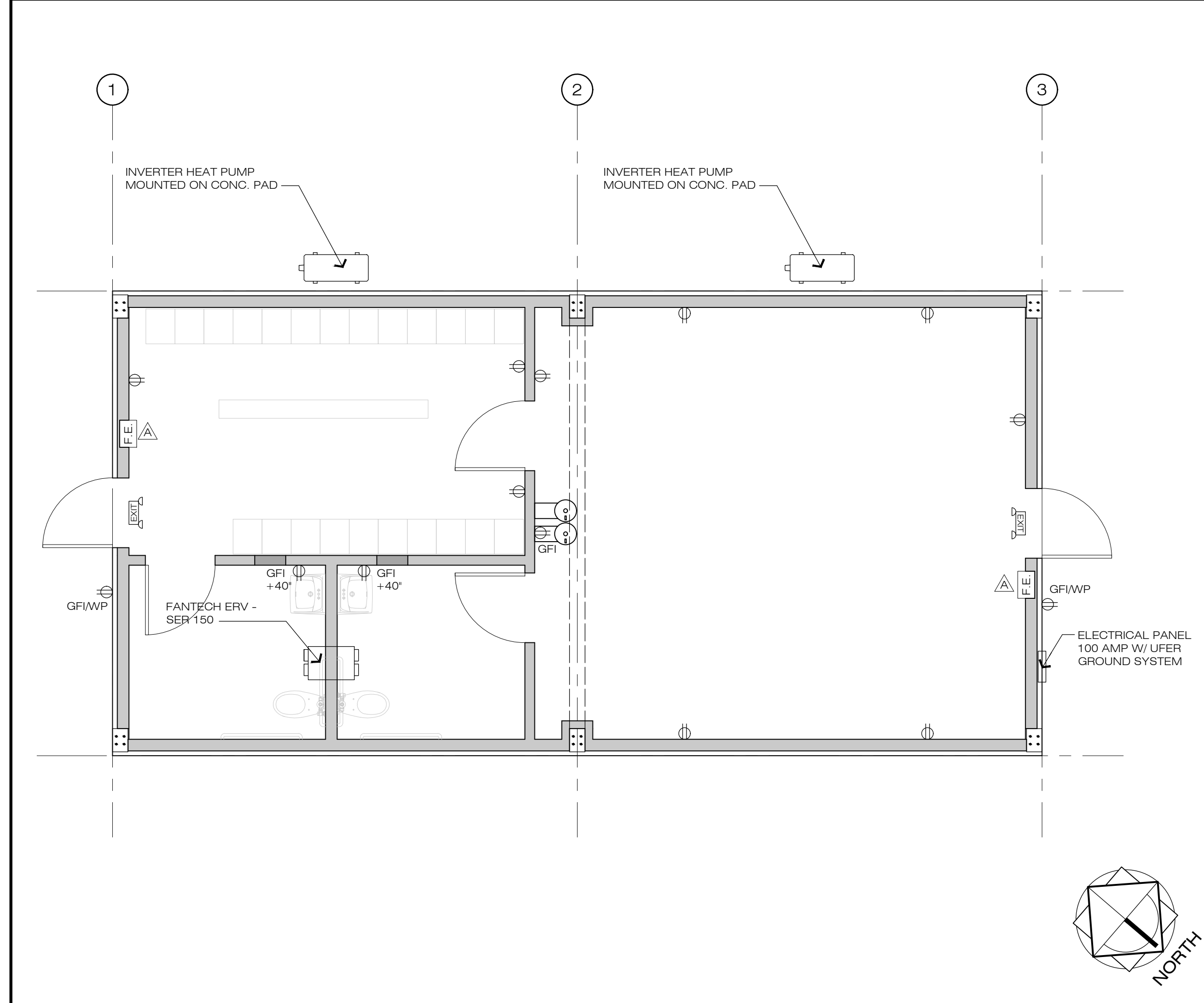
RM NO.	ROOM NAME	TYPE OF LIGHTING	QTY FIX	FOOT CANDLES	COMMENTS
101	ASSEMBLY AREA	LED CEILING	4	23.5	
102	LOCKER ROOM	LED CEILING	4	51.1	
103	RESTROOM #1	LED CEILING	1	20.7	
104	RESTROOM #2	LED CEILING	1	20.7	

5 LIGHT FIXTURE AND ROOM LIGHTING SCHEDULES

- ALL FIXTURES SHALL BE OWNER SELECTED AND APPROVED PRIOR TO INSTALLATION. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL FIXTURES, JACKS, AND RECEPTACLES WITH THE OWNER(S) PRIOR TO INSTALLATION. PROVIDE ADDITIONAL ITEMS NOT SHOWN IN THE DRAWINGS AS DIRECTED BY THE OWNER(S) AT A COST TO BE AGREED UPON PRIOR TO THE PERFORMANCE OF ANY WORK.
- PROVIDE GFCI CIRCUITS FOR ALL BATH AND EXTERIOR.
- PROVIDE (2)-SEPARATE 20-AMP CIRCUITS AT KITCHEN/BREAKFAST AREA WHICH SHALL NOT BE USED TO SUPPLY POWER TO LIGHT FIXTURES.
- PROVIDE INDEPENDENT CIRCUITS SIZED AS REQUIRED FOR EACH OF THE FOLLOWING APPLIANCES WHERE THEY OCCUR: DRYER, WASHER, RANGE, OVENS, WATER HEATER, SWAMP COOLER, HVAC, FREEZER, MICROWAVE, AND COMPUTER. RANGES AND DRYERS REQUIRE A 4-WIRE GROUNDED RECEPTACLE OUTLET REGARDLESS OF WHERE THE CIRCUIT ORIGINATES.
- SMOKE DETECTORS SHALL BE 110V, HARD-WIRED INTO ELECT. SYSTEM WITH BATTERY BACKUP. ALL SMOKE DETECTORS SHALL BE AUDIBLE IN ALL SLEEPING AREAS OF THE DWELLING UNIT.
- CEILING FANS SHALL BE INDEPENDENTLY SUPPORTED EXCEPT WHERE BOX IS SPECIFICALLY DESIGNED TO SUPPORT FAN.
- CAULK AROUND ALL ELECTRICAL OUTLETS PENETRATING EXTERIOR SIDING.
- ALL ELECTRICAL MATERIALS AND METHODS OF INSTALLATION SHALL BE IN CONFORMANCE WITH THE CURRENT ELECTRICAL CODES AS ADOPTED BY THE LOCAL COUNTY/CITY.
- BATHROOM EXHAUST FANS TO BE CAPABLE OF PROVIDING A MINIMUM OF 5 AIR CHANGES PER HOUR (50 CFM) --VENT TERMINATION TO BE A MIN. OF 3' FROM ANY OPENING INTO BUILDING.
- ALL CONDUITS, UTILITIES, AND SERVICES, SHALL BE INSTALLED AS PER THE LOCAL GOVERNING CODES, AND SHALL CONFORM TO THE REQUIREMENTS OF THE PROVIDING SERVICE AND/OR UTILITY COMPANY.
- ALL PHONE WIRING TO BE 3-PAIR MINIMUM TO ALL JACKS.
- PROVIDE ALL WIRING, CONDUITS, BREAKERS, AND CONNECTIONS AS REQUIRED TO TIE-IN FUTURE PHOTOVOLTAIC POWER SYSTEM (WHERE IT OCCURS). ALL DETAILS TO BE WORKED OUT AND AGREED UPON BETWEEN CONTRACTOR AND OWNER PRIOR TO COMMENCING ANY CONCRETE WORK.
- PROVIDE AT LEAST ONE 20-AMP BRANCH CIRCUIT FOR BATHROOM OUTLETS WITH NO ADDITIONAL OUTLETS CONNECTED PER 2016 CEC SECTION 210.11(C3).
- IN BATHROOMS, GARAGES, LAUNDRY ROOMS AND UTILITY ROOMS, AT LEAST ONE LUMINAIRE IN EACH OF THESE SPACES SHALL BE CONTROLLED BY A VACANCY SENSOR.
- ALL RECESSED LIGHT FIXTURES INTO CEILINGS SHALL MEET ALL THE FOLLOWING PER CBEES 150.0(K)1.C. LISTED FOR ZERO CLEARANCE INSULATION, LABELED THAT CERTIFIED THE LUMINAIRE IS AIRTIGHT WITH A LEAKAGE LESS THAN 2.0CFM AT 75 PASCALS, SEALED WITH A GASKET OR CAULK, ALLOW REPLACEMENT AND MAINTENANCE TO BE EASILY ACCESSIBLE FOR BELOW THE CEILING WITHOUT CUTTING HOLES IN THE CEILING, SHALL NOT CONTAIN SCREWS BASE SOCKETS; AND SHALL CONTAIN LIGHT SOURCES THAT COMPLY WITH JAB.
- ALL 125-VOLT, 15-AMP AND 20-AMP RECEPTACLES SHALL BE LISTED TAMPER RESISTANT.
- ALL OUTDOOR LIGHTING ATTACHED TO THE BUILDING SHALL BE CONTROLLED BY A MANUAL ON AND OFF SWITCH THE DOES NOT OVERRIDE ON AND ONE OF THE FOLLOWING: CONTROLLED BY PHOTOCELL AND MOTION SENSOR, PHOTO CONTROL AND AUTOMATIC SWITCH CONTROL, ASTRONOMICAL TIME CLOCK, OR ENERGY MANAGEMENT CONTROL SYSTEM. 150(K)3
- ALL LUMINAIRES REQUIRED TO HAVE LIGHT SOURCES COMPLIANT WITH CBEES TABLE 150.0-A AND REFERENCE JOINT APPENDIX JAB, EXCEPT HALLWAYS AND CLOSETS OVER 70 SF, SHALL BE CONTROLLED BY DIMMERS OR VACANCY SENSORS.
- AN INTERSYSTEM BONDING ELECTRODE WHICH INCLUDES PROVISIONS FOR CONNECTING AT LEAST THREE GROUNDING OR BONDING CONDUCTORS REQUIRED FOR COMMUNICATIONS SYSTEMS SHALL BE INSTALLED EXTERNALLY AT THE SERVICE ENTRANCE PANEL AS SPECIFIED IN CEC 800.100(B) AND CEC 250.04.
- EGRESS ILLUMINATION: PROVIDE EMERGENCY POWER OUTAGE ILLUMINATION TO THE FOLLOWING AREAS: AISLES, EGRESS CORRIDORS AND EXTERIOR EGRESS DISCHARGE LOCATIONS (I.E. EXTERIOR DOORS).
- PROVIDE A MINIMUM OF 1 FOOT-CANDLE EMERGENCY LIGHTING ALONG ENTIRE EXIST. EGRESS PATHWAY. CBC 1008.2.1.
- PROVIDE OCCUPANT SENSING CONTROL AT ALL INTERIOR LIGHTING.

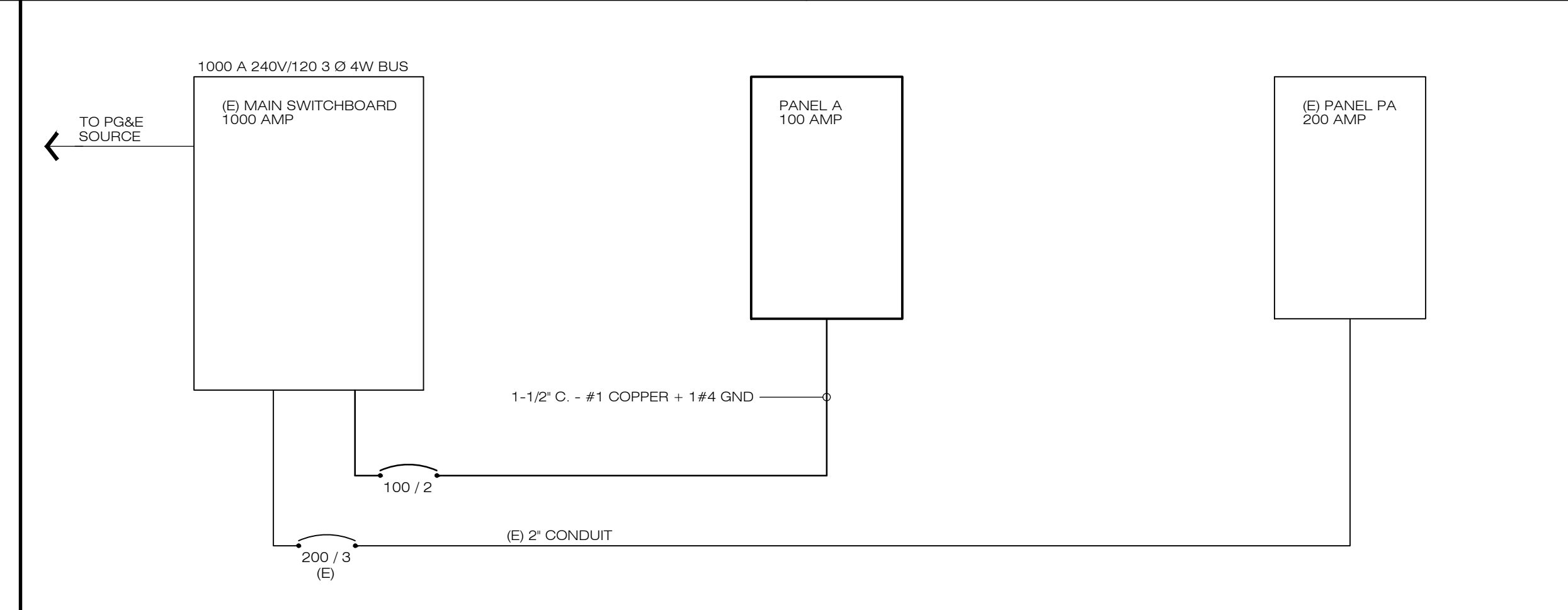


18 LIGHTING PLAN



20 POWER PLAN

7 ELECTRICAL NOTES

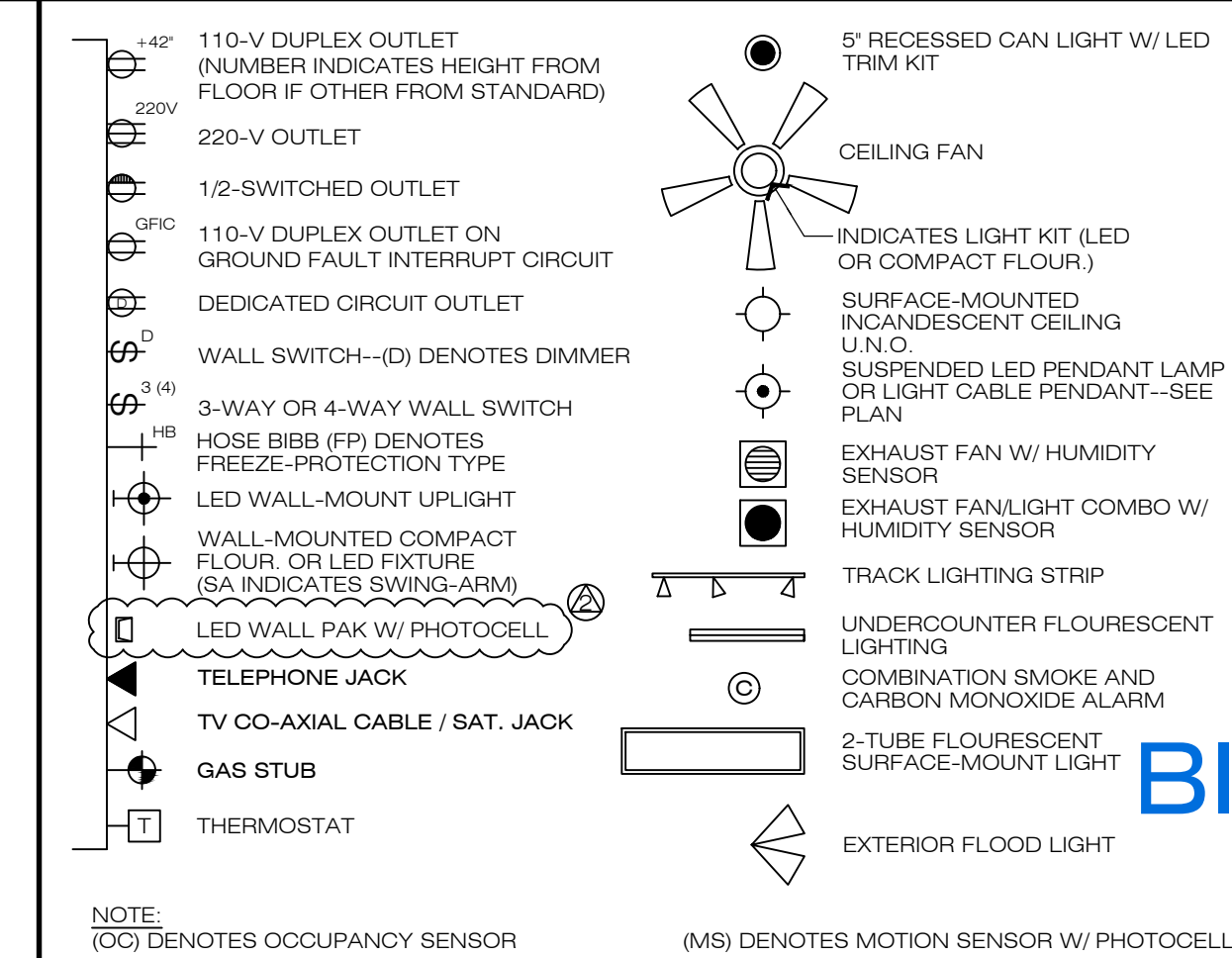


11 ONE-LINE DIAGRAM

PANEL 'A'		- 240/120 VOLT, 1 PHASE, 3 WIRE		MAIN		NOTE:	
CCT. #	QTY	CB	LOAD DESCRIPTION	PHASE VA LOAD	LOAD DESCRIPTION	CB	QTY
1	1	20	LIGHTS	4877	HVAC ASSEMBLY AREA	2	M 2
3	1	20	EMERGENCY/EXIT LIGHTS	4675	HVAC LOCKER ROOM	2	M 4
5	1	20	BATHROOM RECEPTACLES	4960	RECOVERY VENTILATOR	1	M 6
7	1	20	LOCKER ROOM RECEPTACLES	5050		1	M 8
9	1	20	DRINKING FOUNTAIN	522		1	M 10
11	1	20	LOUNGE RECEPTACLES	1080		1	M 12
13							14
15							16
17							18
19							20
21							22
23							24
SUBTOTAL			10350	10805			
TOTAL CONNECTED LOAD			21164 VA	375 VA			
CONTINUOUS LOAD + 25%			21539 VA				
TOTAL LOAD			21539 VA / 240 VOLTS =	89.75 AMPS			

CONDITION	NEW	EXISTING
MOUNTING	SURFACE	FLUSH
ENCLOSURE	NEMA 1	NEMA 3R
TYPE:		

12 ELECTRICAL PANEL SCHEDULE



4 ELECTRICAL LEGEND

PANEL SCHEDULE LEGEND

T = TRIP AMP.	G = GENERAL RECEPTACLE
P = POLES	• = HANDLE LOCK ON DEVICES (LOCKED IN CLOSE POSITION)
REC = RECEPTACLES	•• = HANDLE LOCK OFF DEVICES (LOCKED IN OPEN POSITION)
LTG = LIGHTING	A = AMPERES
C = CONTINUOUS LOAD	KA = 1,000 AMPERES
CB = DEDICATED RECEPTACLE	KVA = 1,000 VOLT AMPERES
D = CIRCUIT BREAKER	
M = MECHANICAL LOAD	

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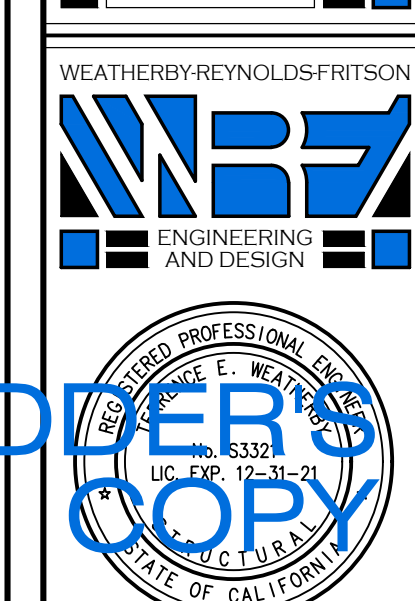
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

MARK	DATE	DESCRIPTION	BY
①	11-06-19	MATERIAL SPECS	VLM
②	01-13-20	MATERIAL SPECS	VLM

CLIENT: CREWS QUARTERS BUILDING FOR: AMADOR COUNTY GENERAL SERVICES - PUBLIC WORKS

MAILING ADDRESS: AMADOR CO. GENERAL SERVICES
610 COURT STREET
JACKSON, CA 95642
(209) 504-2448

PROJECT LOCATION: 12200 AIRPORT ROAD
JACKSON, CA 95642
A.P.N.: 044-010-116-000



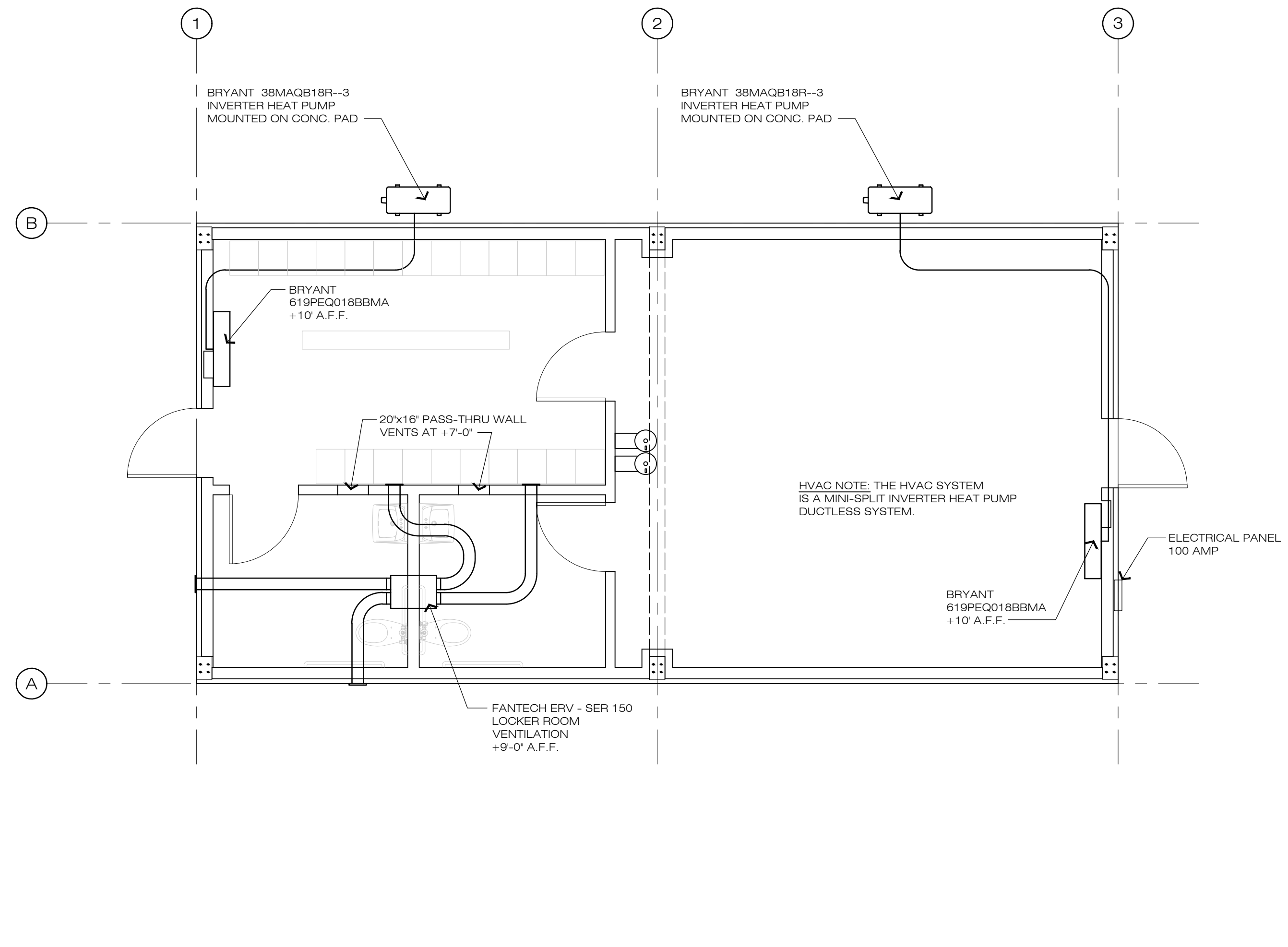
(209)-223-0381 | Voice
(209)-223-0716 | Fax
206 Park Street
Jackson, CA 95642
http://www.wrfed.com

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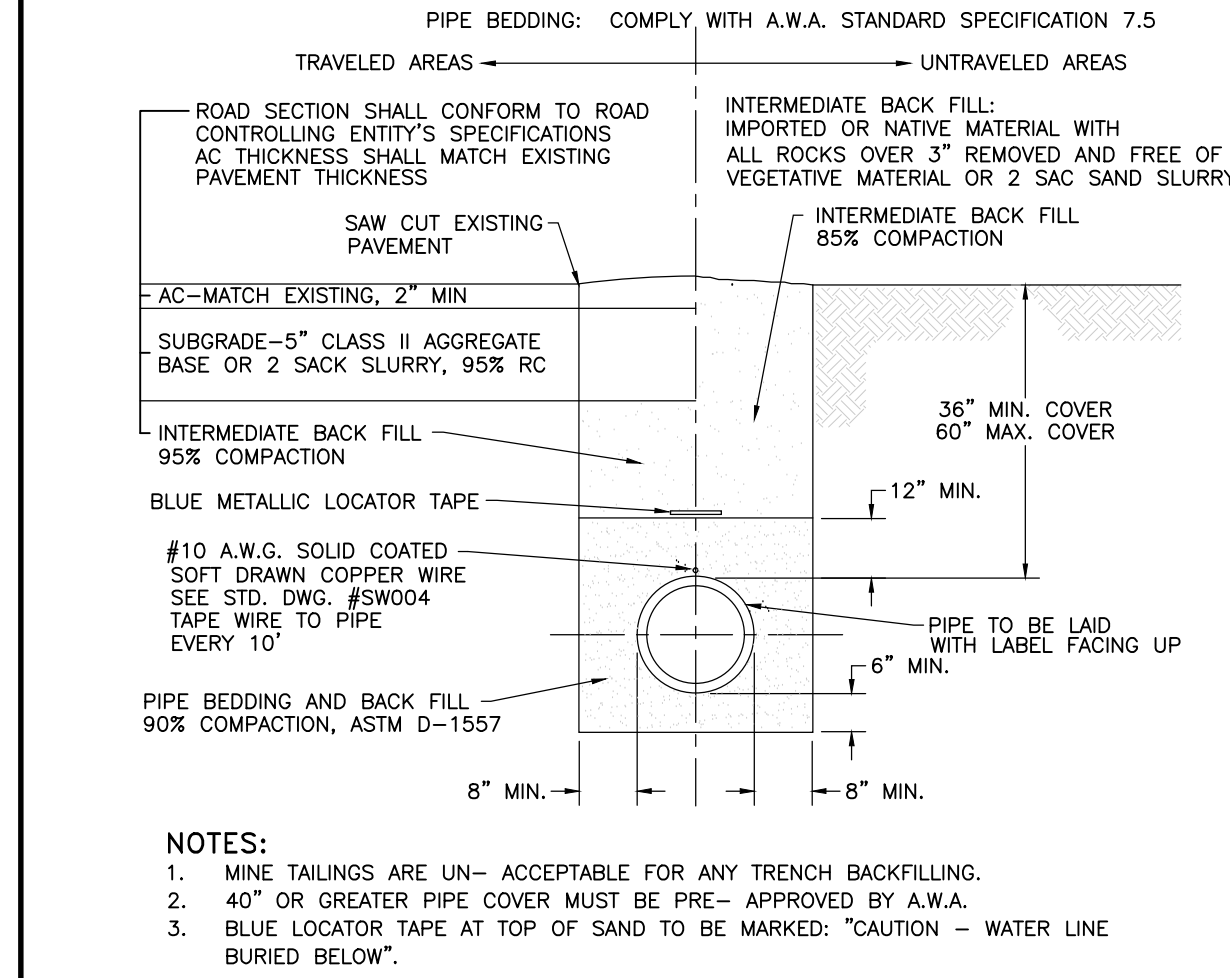
DRAWINGS: POWER PLAN, LIGHTING PLAN AND SCHEDULES

FILE NO. D-7467
DRAWN BY VLM
DATE 01-2019
SCALE AS NOTED
SHEET E1
8 OF 9 SHEETS

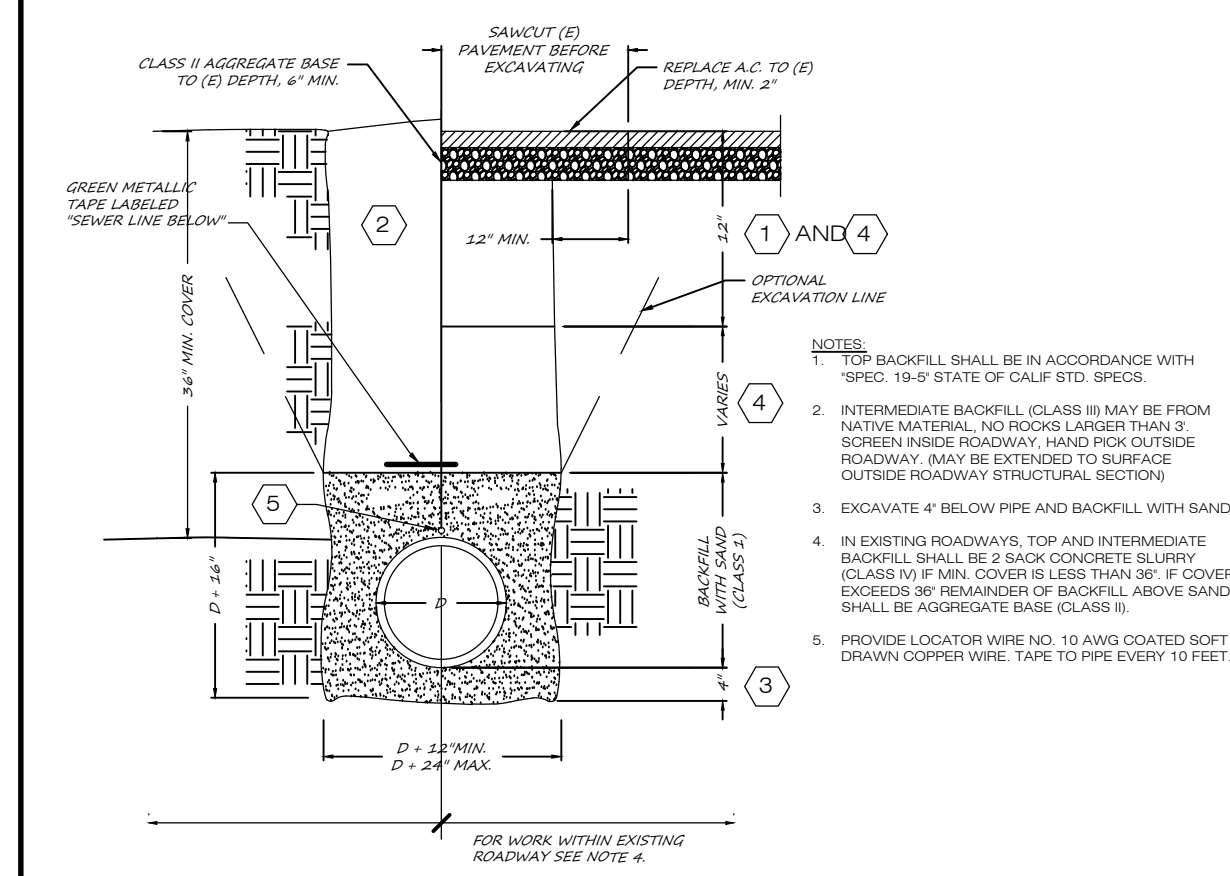
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18 MECHANICAL PLAN



5 WATER TRENCH DETAIL



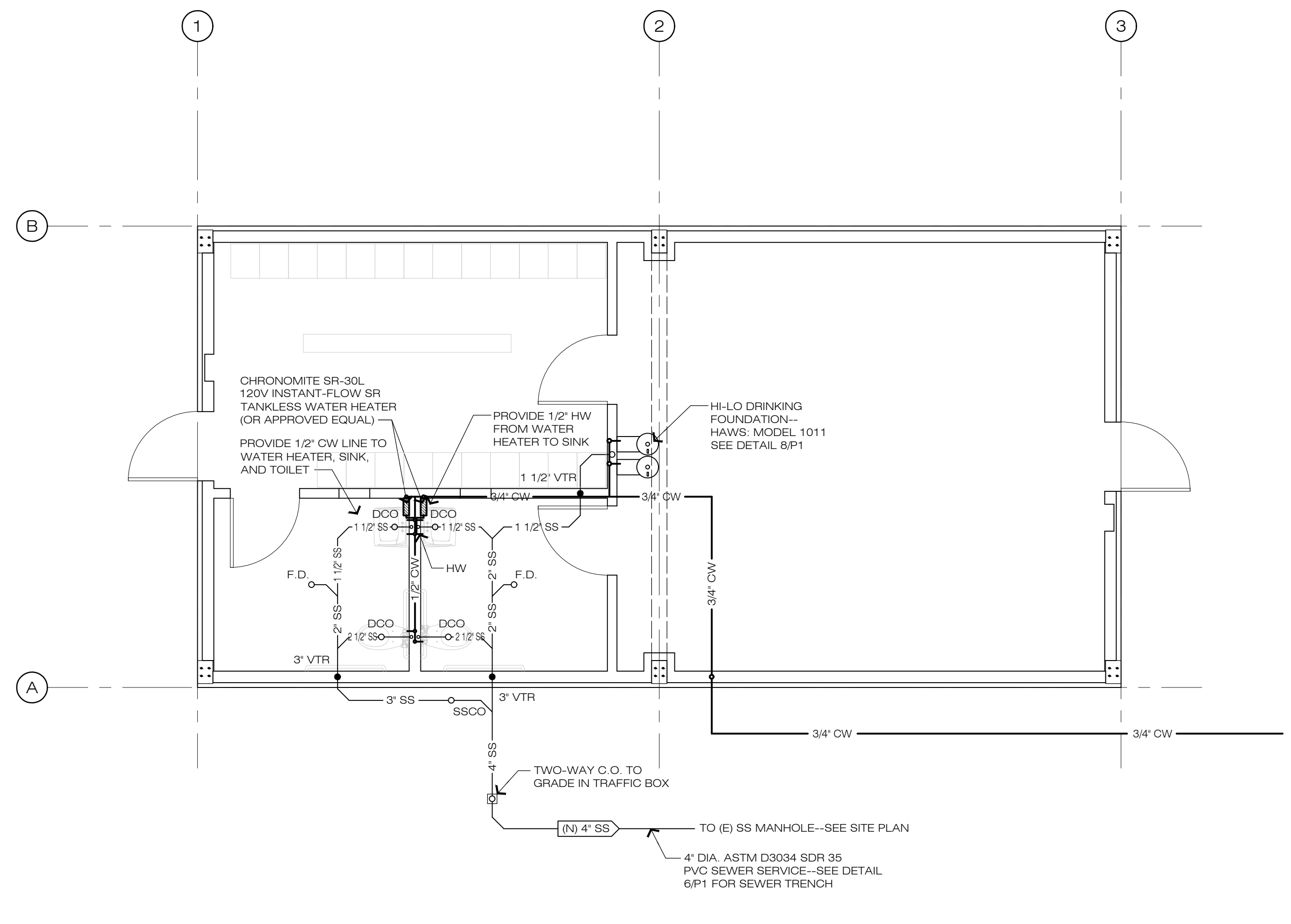
6 TRENCH DETAIL

- MAKE UP AIR WHEN A CLOSET IS DESIGNED FOR THE INSTALLATION OF A CLOTHES DRYER. A MINIMUM OPENING OF 100 SQUARE INCHES FOR MAKEUP AIR SHALL BE PROVIDED IN THE DOOR OR BY OTHER APPROVED MEAN. 2016 CMC 504.4
- FUEL BURNING EQUIPMENT SHALL BE ASSURED A SUFFICIENT SUPPLY OF COMBUSTION AIR PER CHAPTER 7, 2016 CMC.
- WARM AIR FURNACES SHALL NOT BE INSTALLED IN A ROOM USED OR DESIGNED TO BE USED AS A BEDROOM OR BATHROOM UNLESS DIRECT VENT TYPE OR INSTALLED IN AN APPROVED CLOSET ENCLOSURE PER 2016 CMC 904.1 THRU (1) - (9).
- ATTIC FURNACE: THE DISTANCE FROM THE PASSAGEWAY ACCESS TO THE FURNACE SHALL NOT EXCEED 20 FEET MEASURED ALONG THE CENTER LINE OF THE PASSAGEWAY. THE PASSAGEWAY SHALL BE UNOBSTRUCTED AND SHALL HAVE CONTINUOUS SOLID FLOORING NOT LESS THAN 24 INCHES WIDE FROM ENTRANCE OF THE FURNACE. A LEVEL WORKING PLATFORM NOT LESS THAN 30 INCHES IN DEPTH AND WIDTH SHALL BE PROVIDED IN FRONT OF THE ENTIRE FIRE BOX SIDE OF THE WARM AIR FURNACE IF THE FURNACE TEMPERATURE LIMIT CONTROL, AIR FILTER, FUEL CONTROL VALVE, VENT COLLAR, OR AIR HANDLING UNIT IS NOT SERVICEABLE FROM THE FIRE BOX SIDE OF THE FURNACE. A CONTINUOUS FLOOR NOT LESS THAN 24 INCHES IN WIDTH SHALL BE PROVIDED FROM THE PLATFORM IN FRONT OF THE FIRE BOX SIDE OF THE FURNACE TO AND IN FRONT OF THIS EQUIPMENT. A PERMANENT ELECTRIC OUTLET AND LIGHTING FIXTURE CONTROLLED BY A SWITCH LOCATED AT THE REQUIRED PASSAGEWAY OPENING SHALL BE PROVIDED AT OR NEAR THE FURNACE. 2016 CMC 904.10 THRU 904.10.5, 904.0 THRU 904.4.4 AND 904.10 THRU 904.10.
- VENT TERMINATION: GAS VENTS WITH UL LISTED VENT CAPS 12 INCHES IN SIZE OR SMALLER SHALL BE PERMITTED TO BE TERMINATED IN ACCORDANCE WITH FIGURE 8-2, PROVIDED THEY ARE LOCATED AT LEAST 8 FEET FROM THE VERTICAL WALL OR SIMILAR OBSTRUCTION. ALL OTHER GAS VENTS SHALL TERMINATE NOT LESS THAN 2 FEET ABOVE THE HIGHEST POINT WHERE THEY PASS THROUGH THE ROOF AND AT LEAST 2 FEET HIGHER THAN ANY PORTION OF A BUILDING WITHIN 10 FEET. 2016 CMC 802.6.1 THRU 802.6.3.
- APPROVAL OF EQUIPMENT: UL LISTED AND UNLISTED EQUIPMENT SHALL COMPLY WITH THE 2016 CMC 302.
- IGNITION SOURCE: HEATING AND COOLING EQUIPMENT LOCATED IN A GARAGE THAT GENERATES A GLOW, SPARK, OR FLAME CAPABLE OF IGNITING FLAMMABLE VAPORS SHALL BE INSTALLED WITH THE SOURCE OF IGNITION AT LEAST 18 INCHES ABOVE THE FLOOR LEVEL. 2016 CMC 307.1.
- PROVIDE AN ENERGY STAR COMPLIANT EXHAUST FAN CONTROLLED BY A HUMIDISTAT PER 2016 CECS 4.506.1. VENTILATION RATE FOR THE EXHAUST FAN TO BE A MINIMUM OF 50 CFM.
- OUTSIDE AIR INTAKES SHALL BE MINIMUM OF 10 FEET AWAY FROM APPLIANCE VENT OUTLETS, PLUMBING VENT OUTLETS AND EXHAUST FAN DISCHARGES UNLESS THE OUTLETS ARE A MINIMUM OF 3 FEET ABOVE THE OUTSIDE AIR INTAKE. CMC 311.3

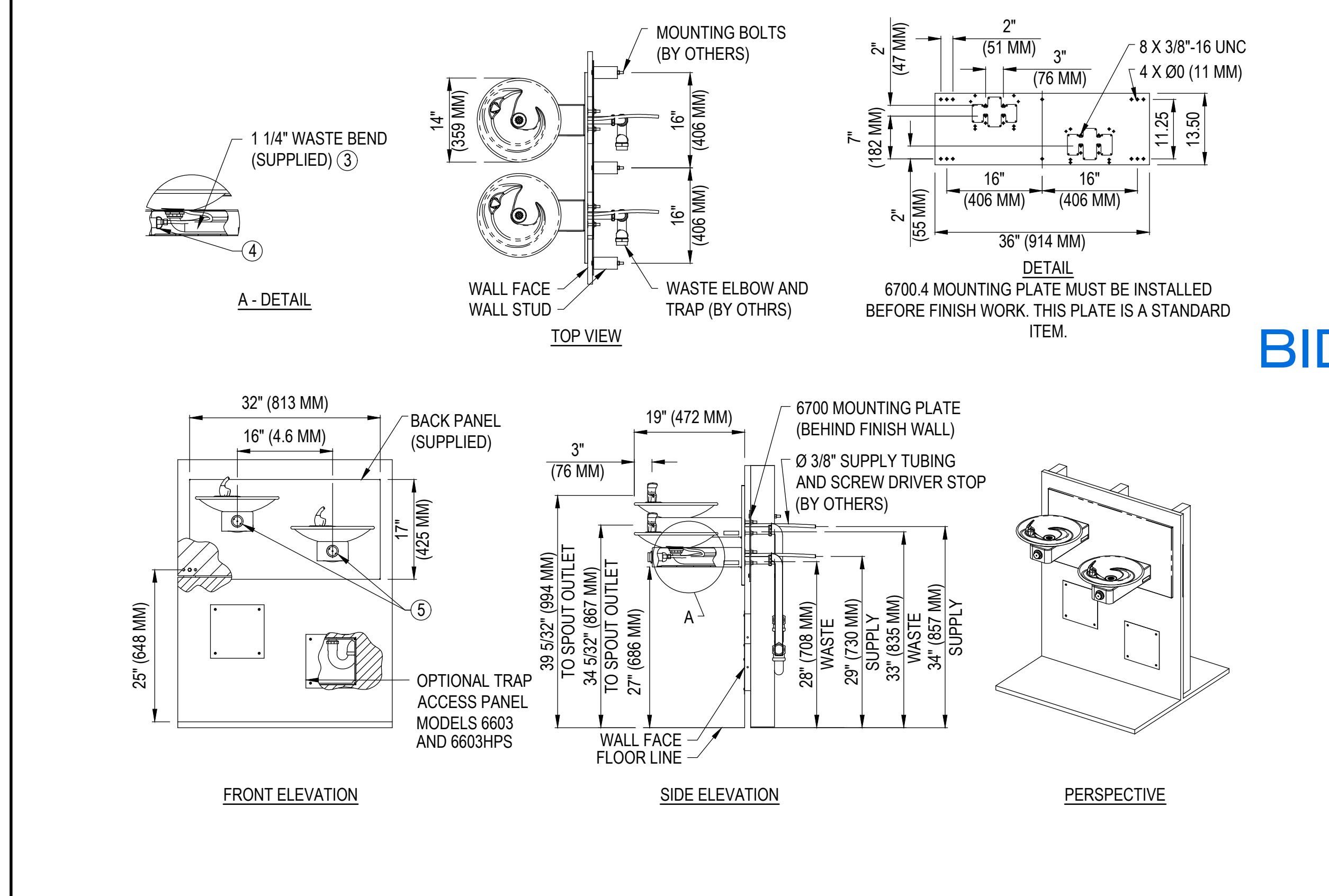
1 MECHANICAL NOTES

- ALL PLUMBING FIXTURES SHALL COMPLY WITH THE WATER CONSERVATION REQUIREMENTS CONTAINED IN THE 2016 CALGREEN BUILDING STANDARDS.
- THE WATER HEATER SHALL HAVE AN 120 V ELECTRICAL RECEPTACLE WITHIN 3 FEET WITHOUT ANY OBSTRUCTIONS.
- PROVIDE A CATEGORY III OR IV VENT OR TYPE B VENT STRAIGHT VENT BETWEEN OUTSIDE AND WATER HEATER.
- PROVIDE A CONDENSATE DRAIN NO MORE THAN 2 INCHES HIGHER THAN THE BASE ON WATER HEATER FOR NATURAL DRAINING.
- PROVIDE A GAS SUPPLY LINE WITH A CAPACITY OF AT LEAST 200,000 BTU.
- PROVIDE COMBUSTION AIR SUPPLY DUCTS/OPENINGS PER MANUFACTURERS SPECIFICATIONS.
- INSTALL THE WATER HEATER WITH TWO SEISMIC STRAPS ANCHORED TO ADJACENT WALLS PER CPC 507.2. PLACE A STRAP 9" FROM TOP OF WATER HEATER AND PLACE A STRAP 4" FROM VALVES AND CONTROLS AT THE BOTTOM OF THE WATER HEATER.
- PROVIDE 1/4 INCH PER FOOT FOR ALL DRAIN PLUMBING.
- INSTALL SELF-CLOSING OR METERING FAUCETS FOR LAVATORIES.
- PROVIDE HOT WATER TO LAVATORIES TO A MAXIMUM OF 110° F.

2 PLUMBING NOTES



20 PLUMBING PLAN



8 HI-LO DRINKING FOUNTAIN

4 APPROVALS

THIS DRAWING IS NOT FINAL AND IS NOT TO BE USED FOR CONSTRUCTION UNTIL STAMPED AND WET-SIGNED BY THE PROJECT ENGINEER. Construction contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of this project, including safety of all persons and property, that this requirement shall be made to apply continuously and not be limited to normal working hours, and construction contractor further agrees to defend, indemnify and hold design professional harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting liability arising from the sole negligence of design professional.

MARK	DATE	DESCRIPTION	BY
1	11-06-19	MATERIAL SPECS	VLM

REVISIONS

CLIENT: CREWS QUARTERS BUILDING FOR: AMADOR COUNTY GENERAL SERVICES - PUBLIC WORKS

MAILING ADDRESS: AMADOR CO. GENERAL SERVICES
610 COURT STREET
JACKSON, CA 95642
(209) 304-2446

PROJECT LOCATION: 12200 AIRPORT ROAD
JACKSON, CA 95642
A.P.N.: 044-010-116-000

WEATHERBY REYNOLDS FRITSON
ENGINEERING AND DESIGN

WRFD

WEATHERBY REYNOLDS FRITSON
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
LIC. NO. 5332
LIC. EXP. 12-31-21

(209) 223-0381 | Voice
(209) 223-0716 | Fax
216 Peak Street
Jackson, CA 95642
http://www.wrfd.com

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DRAWINGS

PLUMBING PLAN, AND MECHANICAL PLAN AND NOTES

FILE NO.	D-7467
DRAWN BY	VLM
DATE	01-2019
SCALE	AS NOTED
SHEET	9 of 9 SHEETS

P1

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