

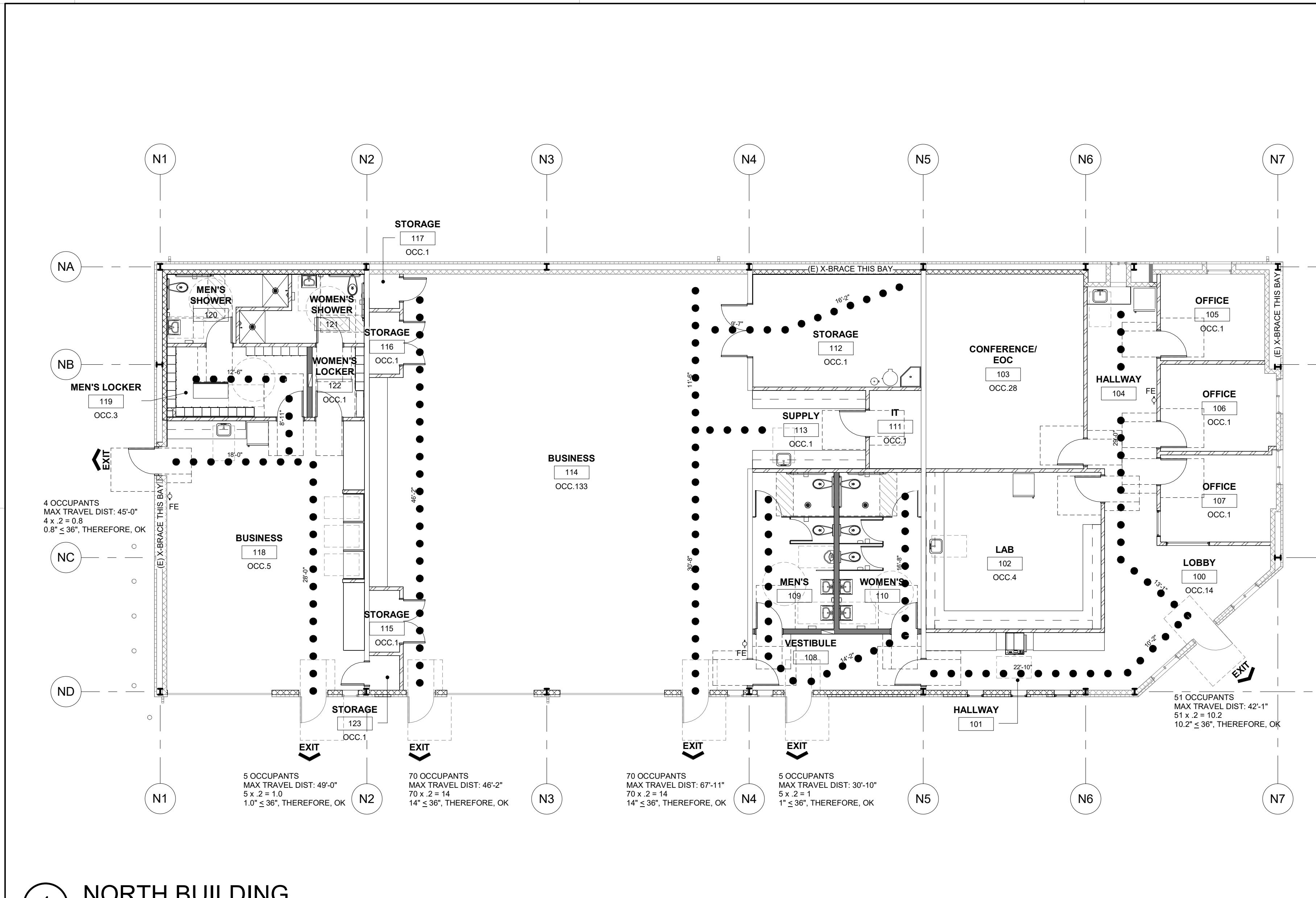




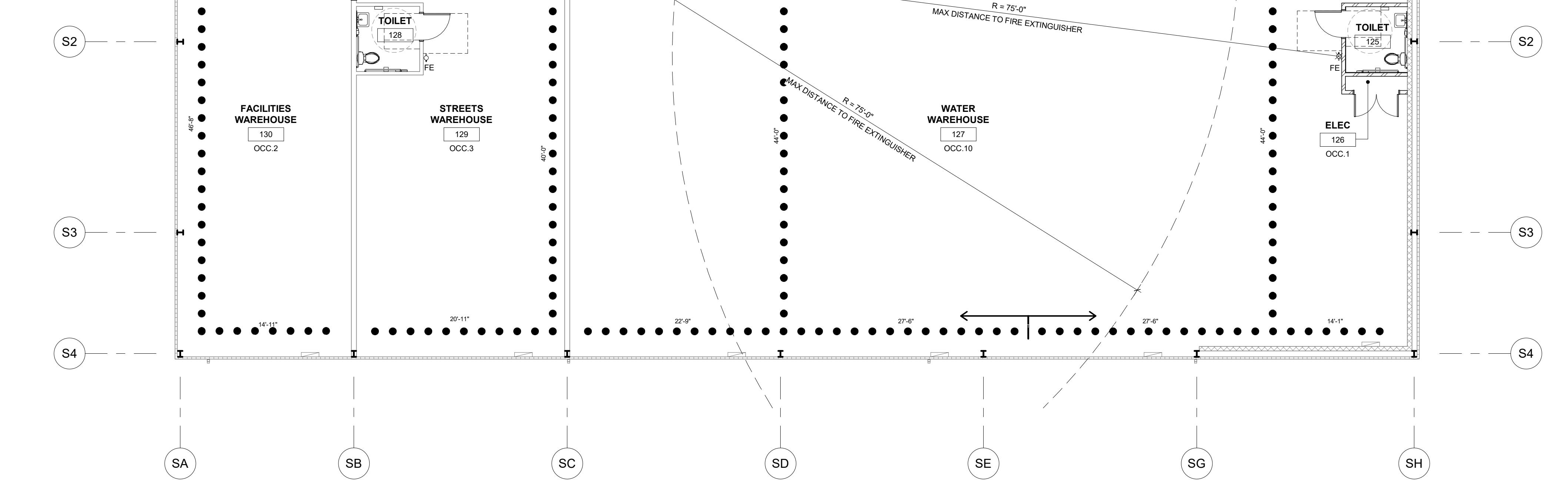
## CITY OF CERES WATER DIVISION

1921 ROCKEFELLER DR.

CERES, CA 953307

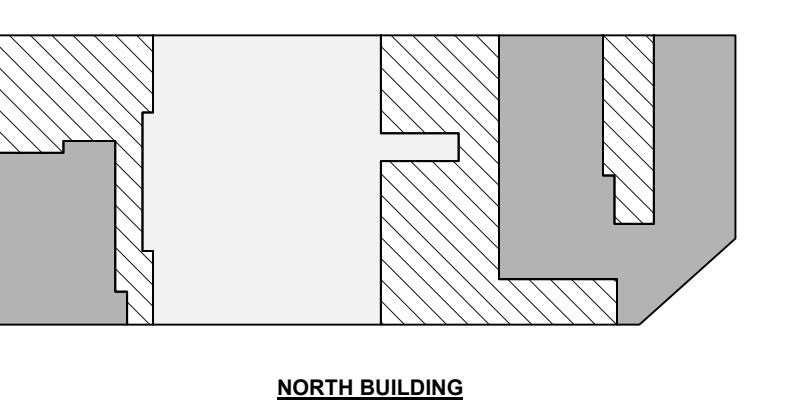


### 1 NORTH BUILDING



### 2 SOUTH BUILDING

## OCCUPANCY PLAN

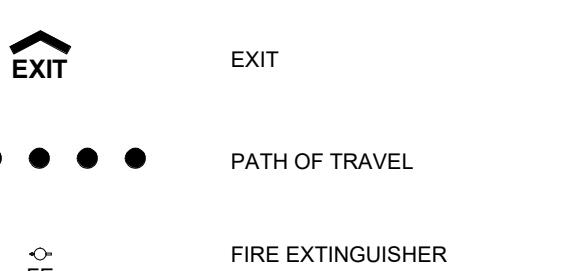


AREA CALCS  
BUSINESS 2023 SF  
ASSEMBLY 2020 SF  
ACCESORY 2317 SF



AREA CALCS  
WAREHOUSE 6817 SF  
ACCESORY 114 SF

## LEGEND



## OCCUPANCY SCHEDULE

RM #	NAME	AREA	OCCUPANCY	FACTOR	LOAD (RND)
100	LOBBY	209 SF	ASSEMBLY (UNCONCENTRATED)	15	14
101	HALLWAY	136 SF	ACCESORY	15	0
102	LAB	325 SF	LAB (NON-EDUCATIONAL)	100	4
103	CONFERENCE/ EOC	405 SF	ASSEMBLY (UNCONCENTRATED)	15	28
104	HALLWAY	221 SF	ACCESORY SPACE	0	0
105	OFFICE	119 SF	BUSINESS	150	1
106	OFFICE	113 SF	BUSINESS	150	1
107	OFFICE	131 SF	BUSINESS	150	1
108	VESTIBULE	125 SF	ACCESORY SPACE	0	0
109	MEN'S	168 SF	ACCESORY SPACE	0	0
110	WOMEN'S	169 SF	ACCESORY SPACE	0	0
111	IT	53 SF	ACCESORY STORAGE	300	1
112	STORAGE	250 SF	ACCESORY STORAGE	300	1
113	SUPPLY	117 SF	ACCESORY STORAGE	300	1
114	BUSINESS	188 SF	ACCESORY (UNCONCENTRATED)	15	138
115	STORAGE	25 SF	ACCESORY STORAGE	300	1
116	STORAGE	25 SF	ACCESORY STORAGE	300	1
117	SUPPLY	14 SF	ACCESORY STORAGE	300	1
118	BUSINESS	701 SF	BUSINESS	150	5
119	MEN'S LOCKER	128 SF	LOCKER ROOMS	50	3
120	MEN'S SHOWER	85 SF	ACCESORY SPACE	0	0
121	WOMEN'S LOCKER	85 SF	LOCKER ROOMS	50	1
122	WOMEN'S SHOWER	85 SF	ACCESORY SPACE	0	0
123	STORAGE	14 SF	ACCESORY STORAGE	300	1
		TOTAL			198

RM #	NAME	AREA	OCCUPANCY	FACTOR	LOAD (RND)
124	TOILET	51 SF	ACCESORY SPACE	0	0
126	ELEC	11 SF	ACCESORY STORAGE	300	1
127	WATER WAREHOUSE	4570 SF	WAREHOUSE	500	10
128	STREETS WAREHOUSE	52 SF	ACCESORY SPACE	0	0
129	STREETS WAREHOUSE	110 SF	WAREHOUSE	500	3
130	FACILITIES WAREHOUSE	972 SF	WAREHOUSE	500	2
		TOTAL			16

NOTES:

1. OCCUPANT LOAD TO BE ROUNDED UP TO THE NEAREST WHOLE NUMBER AT EACH ROOM
2. SEE 6AD02 FOR EXIT DOOR SIGNAGE REQUIREMENTS
3. ACCESSORY AREAS SUCH AS, BUT NOT LIMITED TO, HALLWAYS/CORRIDORS, STAIRWAYS, RAMPS, TOILET ROOMS, MECHANICAL ROOMS, CLOSETS AND FIXED EQUIPMENT, MAY BE EXCLUDED.

## PLUMBING CALCULATIONS

PER CPC 2022, CHAPTER 4, TABLE 4-1. OCCUPANT LOAD FACTOR

NORTH BUILDING

GROUP B OCCUPANCY - OCCUPANT LOAD FACTOR 1:150

BUSINESS TOTAL: 2023 SQ. FT.

2023 SQ. FT./150 = 13.5  
ROUND TO 14 OCCUPANTS  
14/2 = 7  
7 MALE  
7 FEMALE

GROUP A OCCUPANCY - OCCUPANT LOAD FACTOR 1:30

ASSEMBLY TOTAL: 2020 SQ. FT.

2020 SQ. FT./30 = 67.3  
ROUND TO 68 OCCUPANTS  
68/2 = 34  
34 MALE  
34 FEMALE

PER CPC 2022, CHAPTER 4, TABLE 422.1

REQUIRED

WATER CLOSETS, URINALS, LAVATORIES

B OCCUPANCY:

7 MALE  
7 FEMALE  
TOTAL: 2

1 DRINKING FOUNTAIN/FACILITIES  
1 SERVICE SINK

A-3 OCCUPANCY:

34 MALE  
34 FEMALE  
TOTAL: 3

1 DRINKING FOUNTAIN  
1 SERVICE SINK

PROVIDED

WATER CLOSETS, URINALS, LAVATORIES

MALE  
FEMALE  
TOTAL: 7

1 SERVICE SINK

PER CPC 2022, CHAPTER 4, TABLE 4-1. OCCUPANT LOAD FACTOR

SOUTH BUILDING

GROUP S OCCUPANCY - OCCUPANT LOAD FACTOR 1:500

WAREHOUSE TOTAL: 6817 SQ. FT.

6817 SQ. FT./500 = 13.6  
ROUND TO 14 OCCUPANTS  
14/2 = 7  
7 MALE  
7 FEMALE

PER CPC 2022, CHAPTER 4, TABLE 422.0

REQUIRED

WAREHOUSE, WATER CLOSETS, URINALS, LAVATORIES

7 MALE  
7 FEMALE  
1 DRINKING FOUNTAIN  
1 SERVICE SINK

PROVIDED

WATER CLOSETS, URINALS, LAVATORIES

UNISEX: 2

N/A 2

NOTES:

1. ACCESSORY AREAS SUCH AS, BUT NOT LIMITED TO, HALLWAYS/CORRIDORS, STAIRWAYS, RAMPS, TOILET ROOMS, MECHANICAL ROOMS, CLOSETS AND FIXED EQUIPMENT, MAY BE EXCLUDED.
2. BOTTLED WATER WILL BE PROVIDED TO EMPLOYEES AND GUESTS.

EXITS SIGNS MUST BE INTERNALLY, EXTERNALLY, PHOTOLUMINESCENT OR SELF LUMINOUS. EXIT SIGN PLACEMENT SHALL BE SUCH THAT ANY POINT IN AN EXIT ACCESS CORRIDOR OR EXIT PASSAGEWAY IS WITHIN 100 FEET OR THE LISTED VIEWING DISTANCE OF THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN PER CBC SECTION 1013.1

ILLUMINATION SHALL BE PROVIDED ALONG THE PATH OF TRAVEL FOR THE EXIT DISCHARGE FROM EACH EXIT TO THE PUBLIC WAY PER CBC SECTION 1008.2.3

PER CBC SECTION 1008.3.2, IN THE EVENT OF POWER SUPPLY FAILURE IN BUILDINGS THAT REQUIRE TWO OR MORE EXITS OR ACCESS TO EXITS, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE ALL OF THE FOLLOWING AREAS:

1. EXIT PASSAGEWAYS
2. EXIT AREAS AND AREAS ON THE LEVEL OF DISCHARGE USED FOR EXIT DISCHARGE IN ACCORDANCE WITH SECTION 1028.
3. EXTERIOR LANDINGS AS REQUIRED BY SECTION 1010.1.5 FOR EXIT DOORWAYS THAT LEAD DIRECTION TO THE EXIT DISCHARGE

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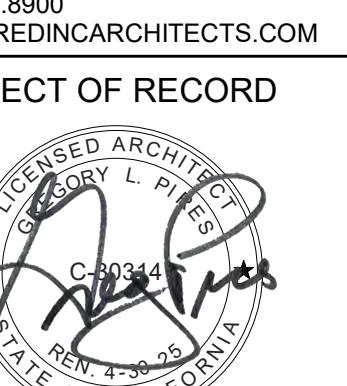
EGRESS AND  
PLUMBING  
FIXTURE CALCS

SHEET NUMBER

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STANISLAUS COUNTY  
BUILDING PERMIT SERVICES

A001



## KEYNOTES

- EXISTING CHAIN LINK FENCING
- EXISTING ACCESSIBLE PARKING
- EXISTING STANDARD PARKING, TYPICAL
- EXISTING NO PARKING STRIPING
- EXISTING LANDSCAPING
- EXISTING 15' P.U.E.
- EXISTING PROPERTY LINE
- REMOVE EXISTING TREE (TYPICAL OF 2) AND LANDSCAPING AS NEEDED - PREP AREA FOR NEW CONCRETE SLAB
- REMOVE EXISTING WOOD POSTS AND METAL CABLE
- SAWCUT EXISTING CONCRETE PAVING FOR INSTALLATION OF NEW WATER LINE - SEE CIVIL DRAWINGS AND PLUMBING DRAWINGS
- ADJACENT CONCRETE SLAB WITH #4 BARS AT 12" O.C. EACH WAY CENTERED IN SLAB, ALIGN TOP OF SLAB WITH ADJACENT CONCRETE PAVING - SEE STRUCTURAL DRAWINGS FOR ADDITIONAL DETAILS - SEE MECHANICAL DRAWINGS FOR EQUIPMENT PAD LOCATIONS AND DETAILS
- MASONRY TRASH ENCLOSURE PER CITY OF CERES STANDARD DETAILS R-1 AND R-2
- FUTURE FENCED ENCLOSURE FOR CITY WELL EQUIPMENT - NOT IN SCOPE
- HATCHED AREA REPRESENTS FUTURE WELL SITE IMPROVEMENTS

## PARKING CALCULATION

PARKING ANALYSIS:  
PARKING REQUIRED:  
EXISTING BUILDING: NORTH BUILDING: 6360 SQ. FT. OFFICE USE WITHIN WAREHOUSE FACILITIES: 1 SPACE / 275 SQ. FT. = 23 SPACES  
SOUTH BUILDING: 7000 SQ. FT. WAREHOUSE FACILITIES: 1 SPACE / 1,000 SQ. FT. = 7 SPACES  
TOTAL REQUIRED PARKING: 30 SPACES  
CITY OF CERES MUNICIPAL CODE 18.080 - PART L -  
5. OPEN USES AND COMMERCIAL AND INDUSTRIAL USES CONDUCTED PRIMARILY OUTSIDE OF BUILDINGS: ONE SPACE FOR EACH EMPLOYEE ON THE MAXIMUM SHIFT PLUS THE NUMBER OF ADDITIONAL SPACES PRESCRIBED BY THE DIRECTOR OF COMMUNITY DEVELOPMENT.  
NUMBER OF EMPLOYEES ON SITE WILL NOT EXCEED 16

## CITY OF CERES WATER DIVISION

1921 ROCKEFELLER DR.  
CERES, CA 95307

PROJECT DETAILS	
RED PROJECT NO:	22044
SUBMITTAL DATE:	
DATE:	1/26/2024

PROJECT REVISIONS	
DATE:	DESCRIPTION

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SITE PLAN

SHEET NUMBER

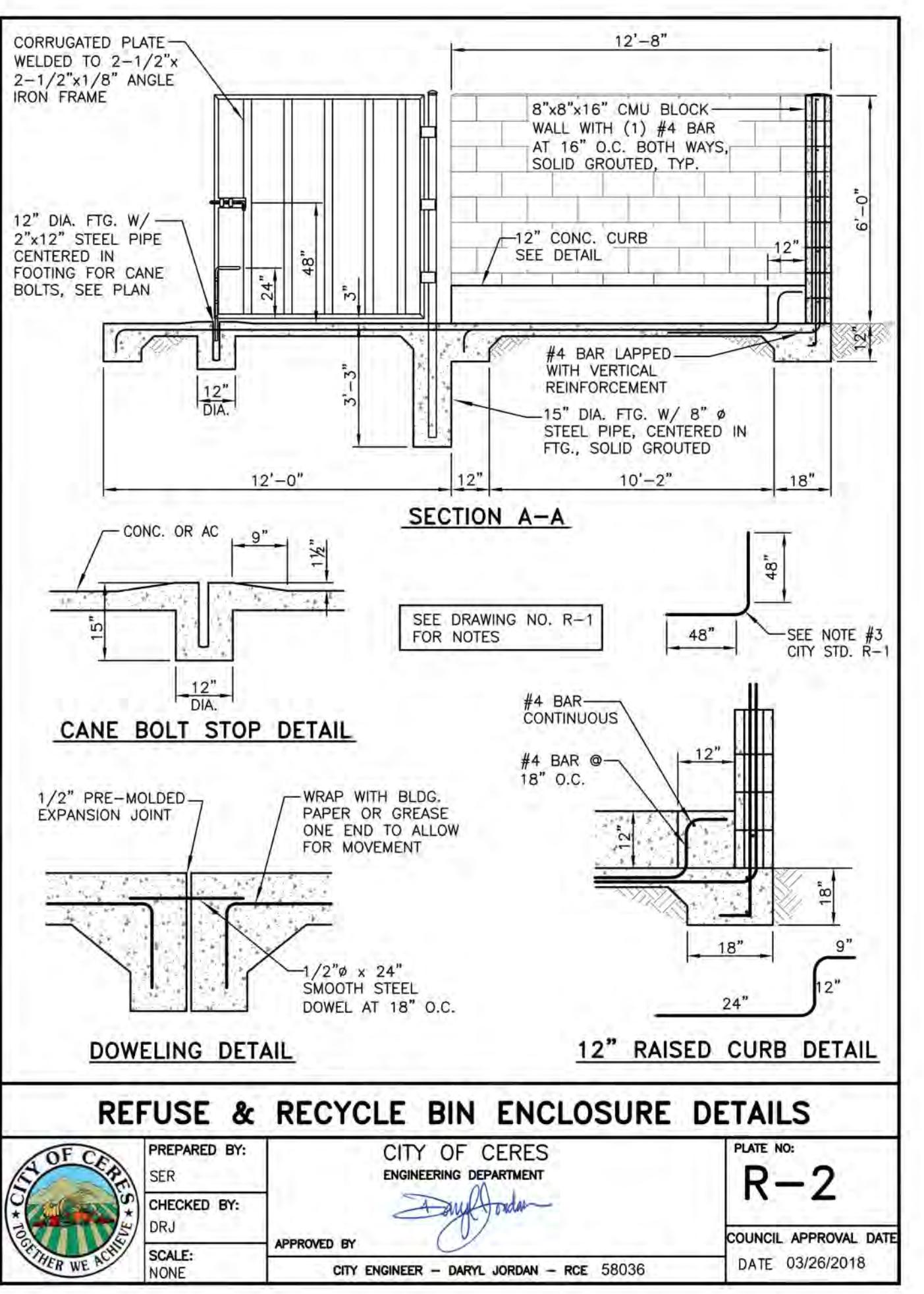
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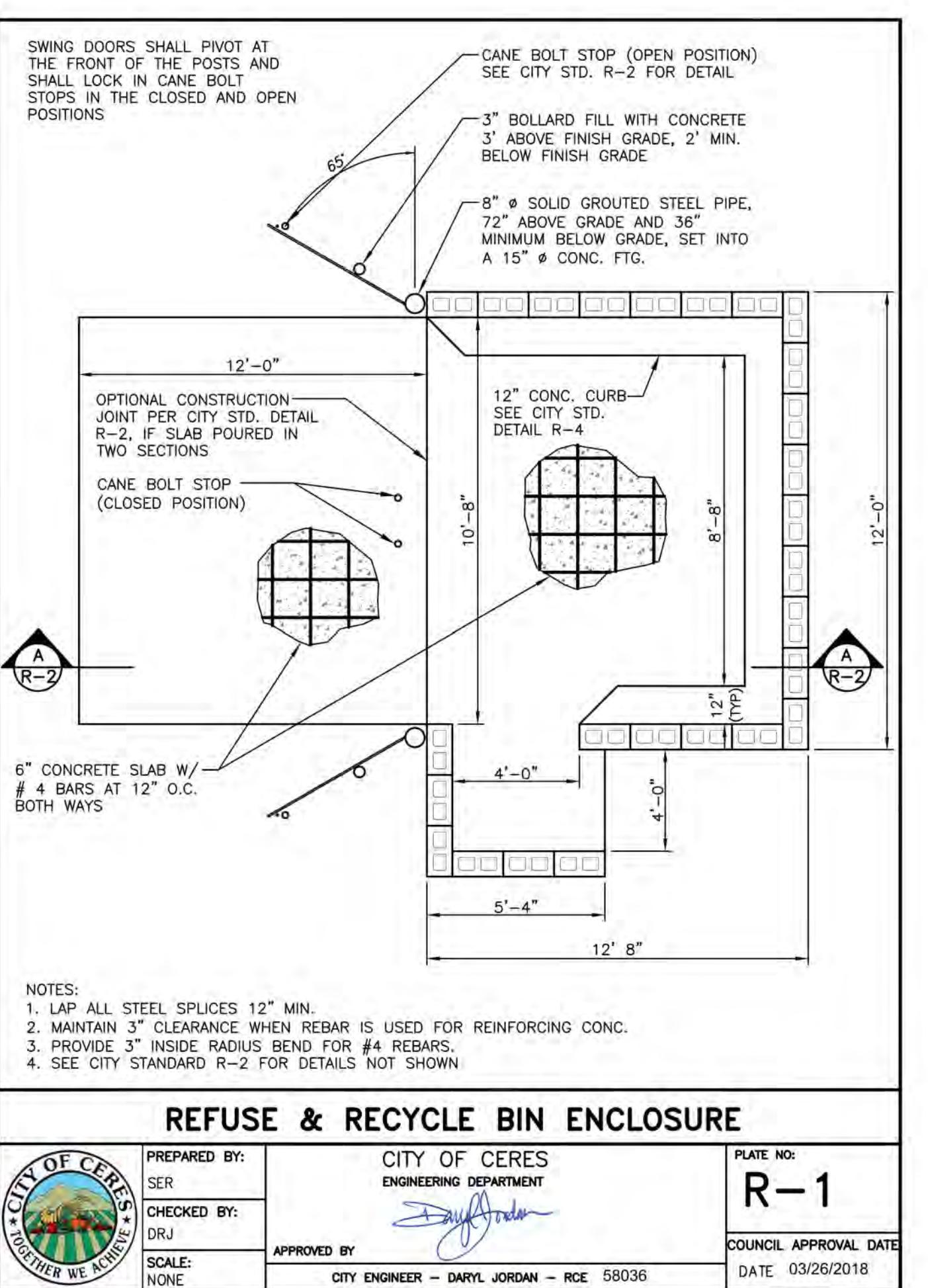
## 1 SITE PLAN - PROPOSED

1/16" = 1'-0"



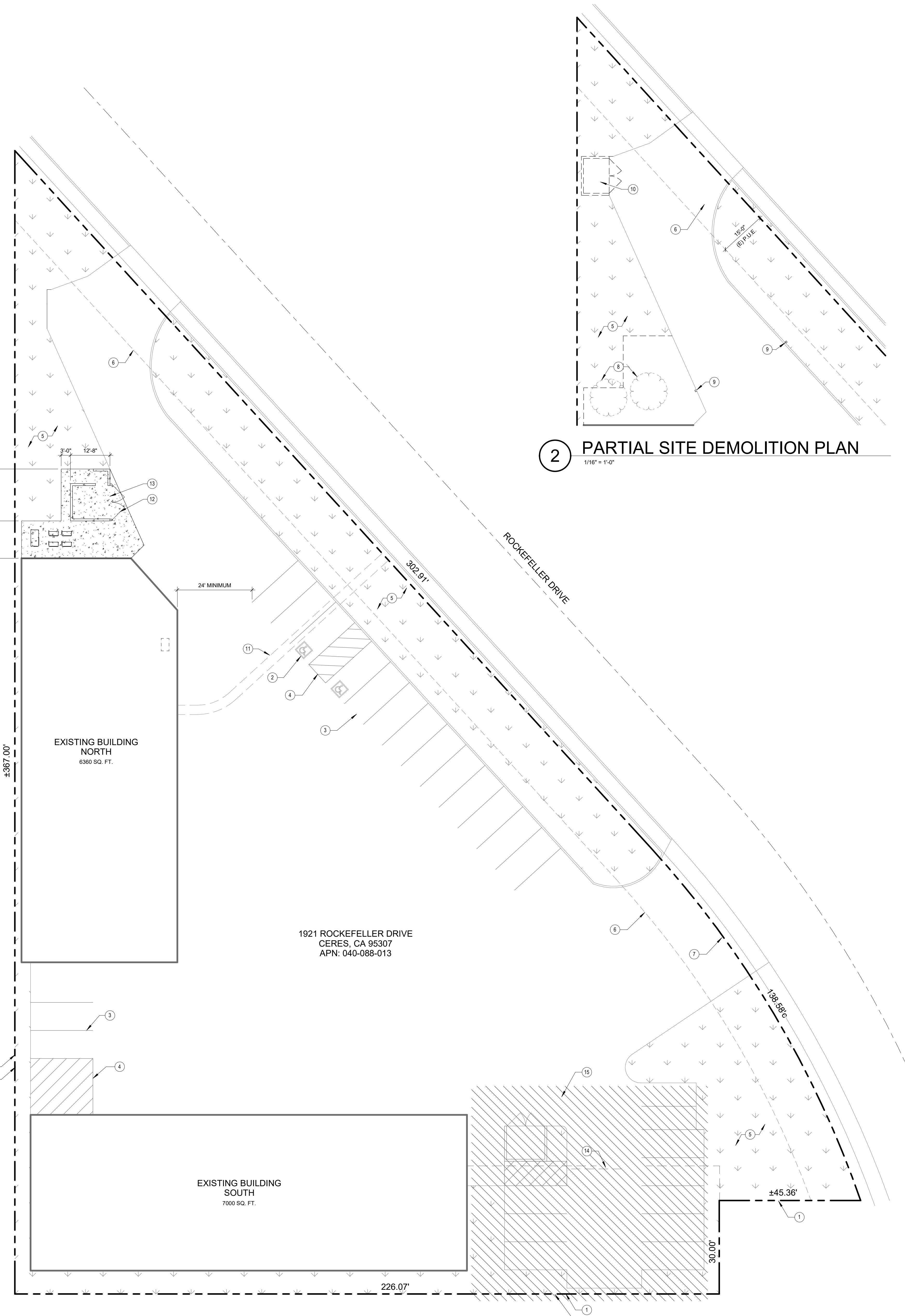
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PREPARED BY: CITY OF CERES SER CHECKED BY: DRJ APPROVED BY: CITY ENGINEER - DARYL JORDAN - RCE 58036	PLATE NO: <b>R-2</b>
SCALE: NONE	COUNCIL APPROVAL DATE: DATE: 03/26/2018



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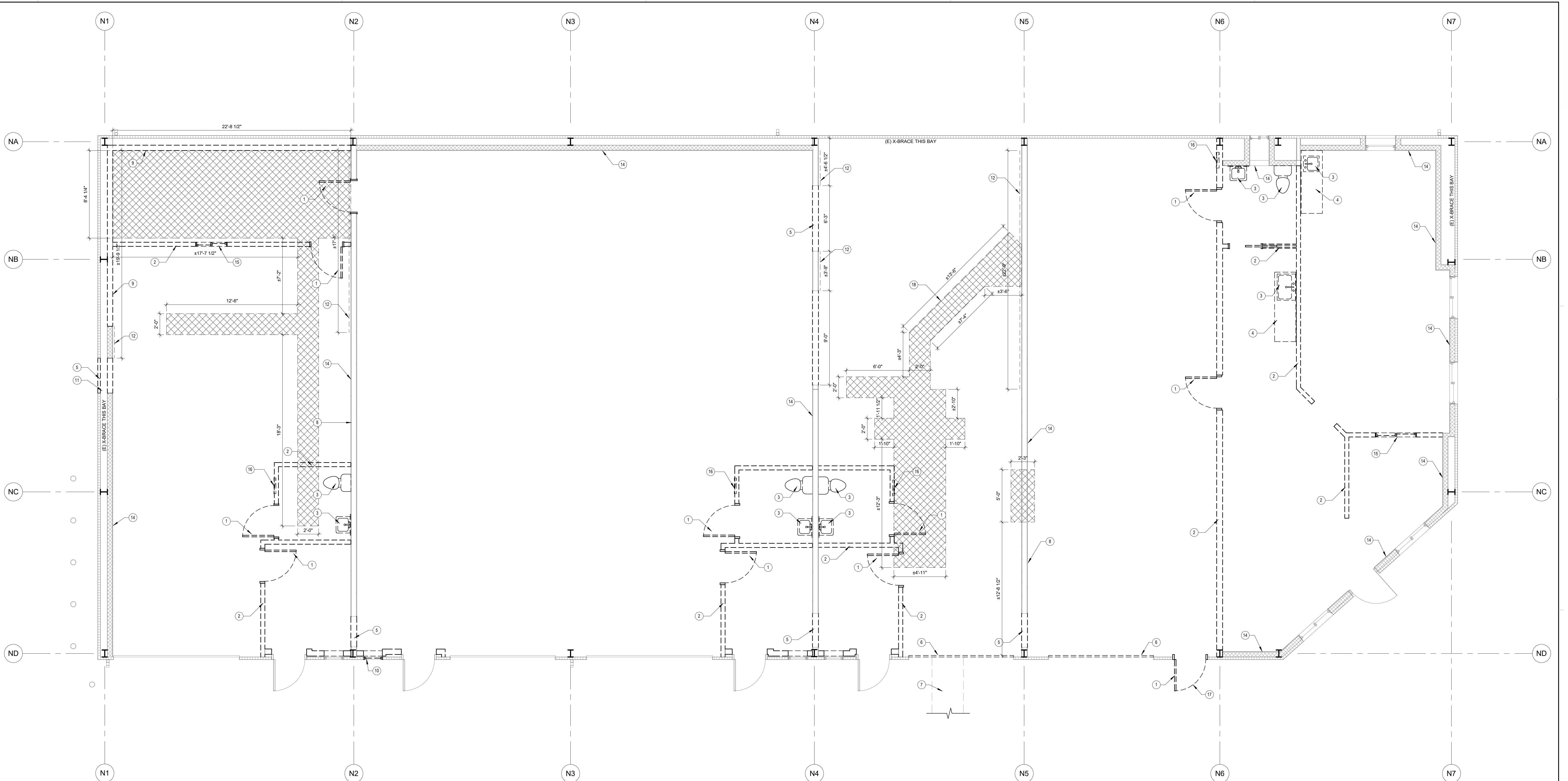
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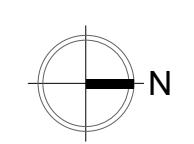
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1 DEMOLITION FLOOR PLAN - NORTH BUILDING

1/4" = 1'-0"



**DEMOLITION NOTES**

- A. DEMOLITION PLAN IS INTENDED TO AID CONTRACTOR IN DETERMINING THE EXTENT OF THE NECESSARY WORK. IT DOES NOT NECESSARILY DEPICT THE ACTUAL OR ALL OF THE DEMOLITION WORK. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION AND SHALL ENSURE THAT THE PROJECT CONSIDERS THE STUDY THIS DOCUMENT AND PERFORM A THOROUGH FIELD INVESTIGATION PRIOR TO BIDDING THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL REQUIRED ENGINEERED SHORING FOR THE PROJECT.
- B. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING HAZARDOUS MATERIALS FOUND IN PROJECT AREA DURING DEMOLITION, SUCH AS ASBESTOS, LEAD PAINT, ETC. CONTACT THE OWNER IMMEDIATELY FOR DIRECTIONS FOR REMOVAL AND DISPOSAL SHOULD SUCH MATERIALS BE ENCOUNTERED. SEE GENERAL NOTES FOR FURTHER INFO.
- C. PRIOR TO ANY DEMOLITION WORK, CONTRACTOR SHALL CONSULT WITH OWNER REGARDING EXISTING ITEMS OWNER MAY WISH TO KEEP. THE CONTRACTOR IS RESPONSIBLE FOR DISCARDING ALL CONSTRUCTION DEBRIS.
- D. CONTRACTOR TO PROVIDE BARRICADES TO PREVENT PUBLIC ENTRANCE TO CONSTRUCTION AREA.
- E. FIRE EXTINGUISHER LOCATIONS AND TYPES SHALL BE PROVIDED FOR BUILDINGS UNDER CONSTRUCTION FOR THE TYPES OF HAZARDS PRESENT DURING THE CONSTRUCTION AS REQUIRED BY THE FIRE MARSHAL.
- F. CONTRACTOR TO VERIFY ALL WALLS TO BE REMOVED FOR BEARING LOADS BEFORE DEMOLITION.
- G. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY SHORING AND BRACING DURING DEMOLITION.
- H. SEE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION THAT MAY BE REQUIRED.

**KEYNOTES**

1. CONTRACTOR TO STRIP, PATCH AND REPAIR, AND PREP AS NEEDED, ALL EXISTING SURFACES (FLOOR, WALLS, AND CEILING) RECEIVING NEW OR TOUCH UP FINISHES.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF FINISHES AND/OR WALL BOARD AS REQUIRED FOR INSTALLATION OF ANY NEW ITEM(S) AND RESPONSIBLE TO REPLACE, PREP, PATCH AND/OR APPLY NEW FINISH(S) AS PER PLANS OR EXISTING CONDITIONS.
3. REMOVE EXISTING PLUMBING FIXTURES SHOWN DASHED - TYPICAL
4. REMOVE EXISTING CASE WORK / SHELVING THROUGHOUT PROJECT AREA
5. REMOVE PORTION OF EXISTING WALL TO ACCOMMODATE DOOR & FRAME ASSEMBLY
6. REMOVE EXISTING ROLL UP DOOR AND FRAME - PREP FOR NEW INFL FRAMING AND EXTERIOR METAL PANELS
7. SAWCUT EXISTING CONCRETE PAVING FOR INSTALLATION OF NEW WATER LINE - SEE CIVIL DRAWINGS AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
8. MODIFY EXISTING WALLS AS NEEDED TO INSTALL BACKING AT VARIOUS LOCATIONS FOR NEW CASEWORK - SEE PROPOSED PLAN
9. REMOVE PORTION OF EXISTING FURRED WALLS TO PROVIDE NEW CONTINUOUS FRAMING AT MEZZANINE PLATFORMS
10. REMOVE EXISTING WINDOW AND PREP OPENING FOR METAL PANEL INSTALLATION
11. FIELD VERIFY EXISTING X-BRACE LOCATION. PRIOR TO DEMOLITION OF EXTERIOR METAL PANEL, NOTIFY ARCHITECT OF ANY CONFLICTS WITH PROPOSED DOOR LOCATION
12. REMOVE EXISTING FINISH AND PREP FOR NEW SHEARWALL - SEE STRUCTURAL DRAWINGS

**WALL LEGEND**

- Existing Metal Panels
- Existing Interior 2x6 Furred Wall
- Existing Interior 2x6 Wall
- Existing Partition to be demolished

**PROJECT DETAILS**

RED PROJECT NO: 22044  
SUBMITTAL DATE: 1/26/2024

**PROJECT REVISIONS**

DATE DESCRIPTION

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**DEMOLITION FLOOR PLAN - NORTH BUILDING**

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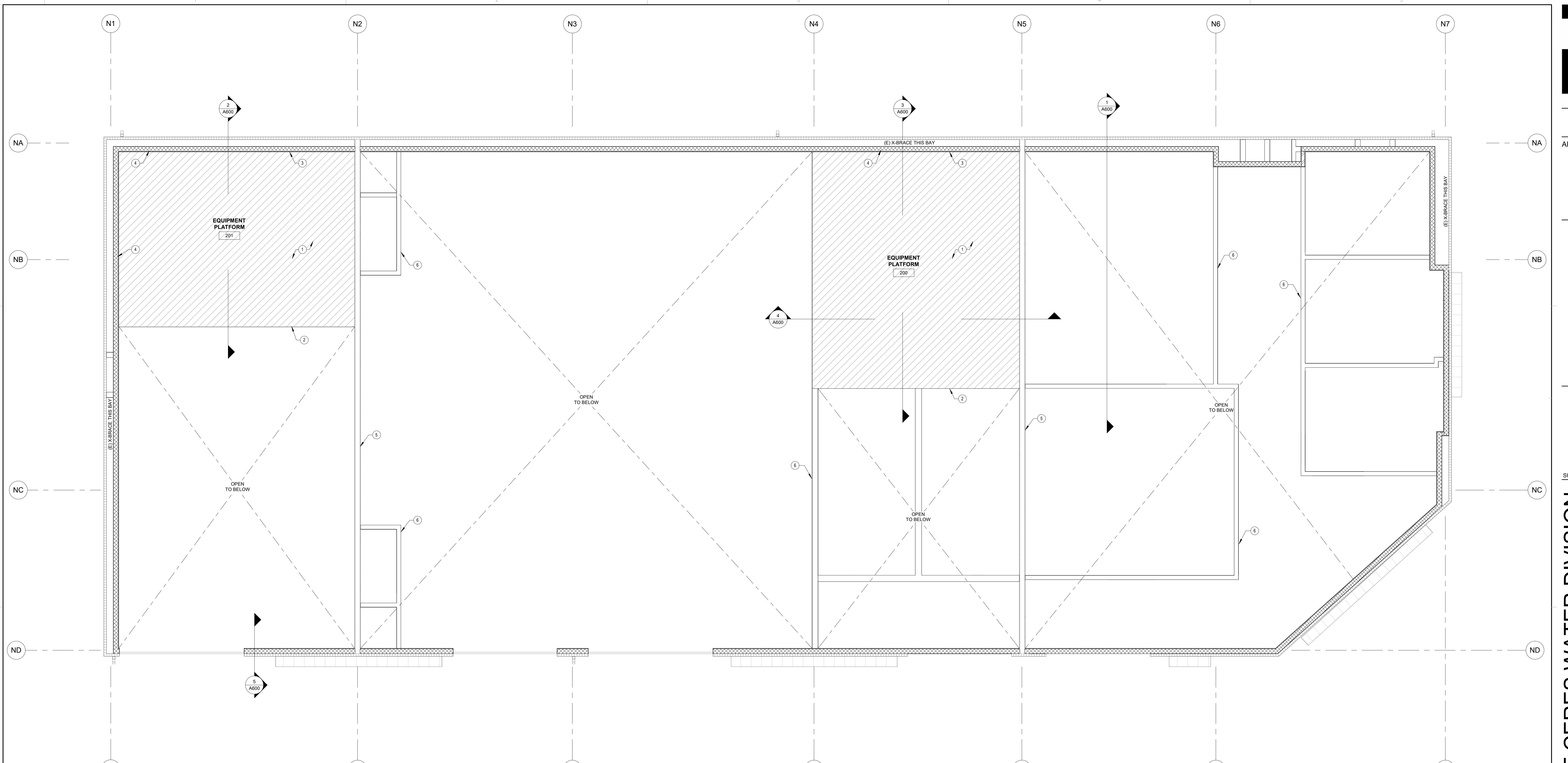
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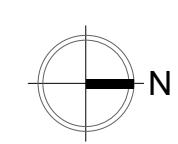


**CITY OF CERES WATER DIVISION**

1921 ROCKEFELLER DR.  
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1 OVERALL EQUIPMENT MEZZANINE PLAN - NORTH BUILDING



**KEYNOTES**

- 1 PLATFORM FRAMING - SEE STRUCTURAL DRAWINGS - SEE MECHANICAL DRAWINGS FOR FANCOIL LOCATIONS AND ALIGN EDGE OF PLATFORM WITH NEW WALL BELOW
- 2 FURRED WALL FROM TOP OF PLATFORM TO ROOF - ALIGN WITH FURRED WALL BELOW
- 3 CONTINUOUS FURRED WALL FRAMING BELOW PLATFORM - SEE STRUCTURAL DRAWINGS
- 4 EXISTING FULL HEIGHT PARTITION
- 5 TOP OF WALL AT 12'-0"
- 6 NEW 2X6 FURRED WALL - PROVIDE R-19 BATT INSULATION BETWEEN ALL STUDS AND IN ANY GAPS BETWEEN NEW AND EXISTING FURRED WALLS - MATCH ADJACENT TEXTURE AND FINISH

**WALL LEGEND**

- EXISTING INTERIOR 2X6 WALL
- EXISTING METAL PANELS
- NEW 2X6 FURRED WALL - PROVIDE R-19 BATT INSULATION BETWEEN ALL STUDS AND IN ANY GAPS BETWEEN NEW AND EXISTING FURRED WALLS - MATCH ADJACENT TEXTURE AND FINISH

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RED PROJECT NO: 22044

SUBMITTAL DATE: 1/26/2024

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DATE DESCRIPTION

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**Overall Equipment Mezzanine Plan - North Building**

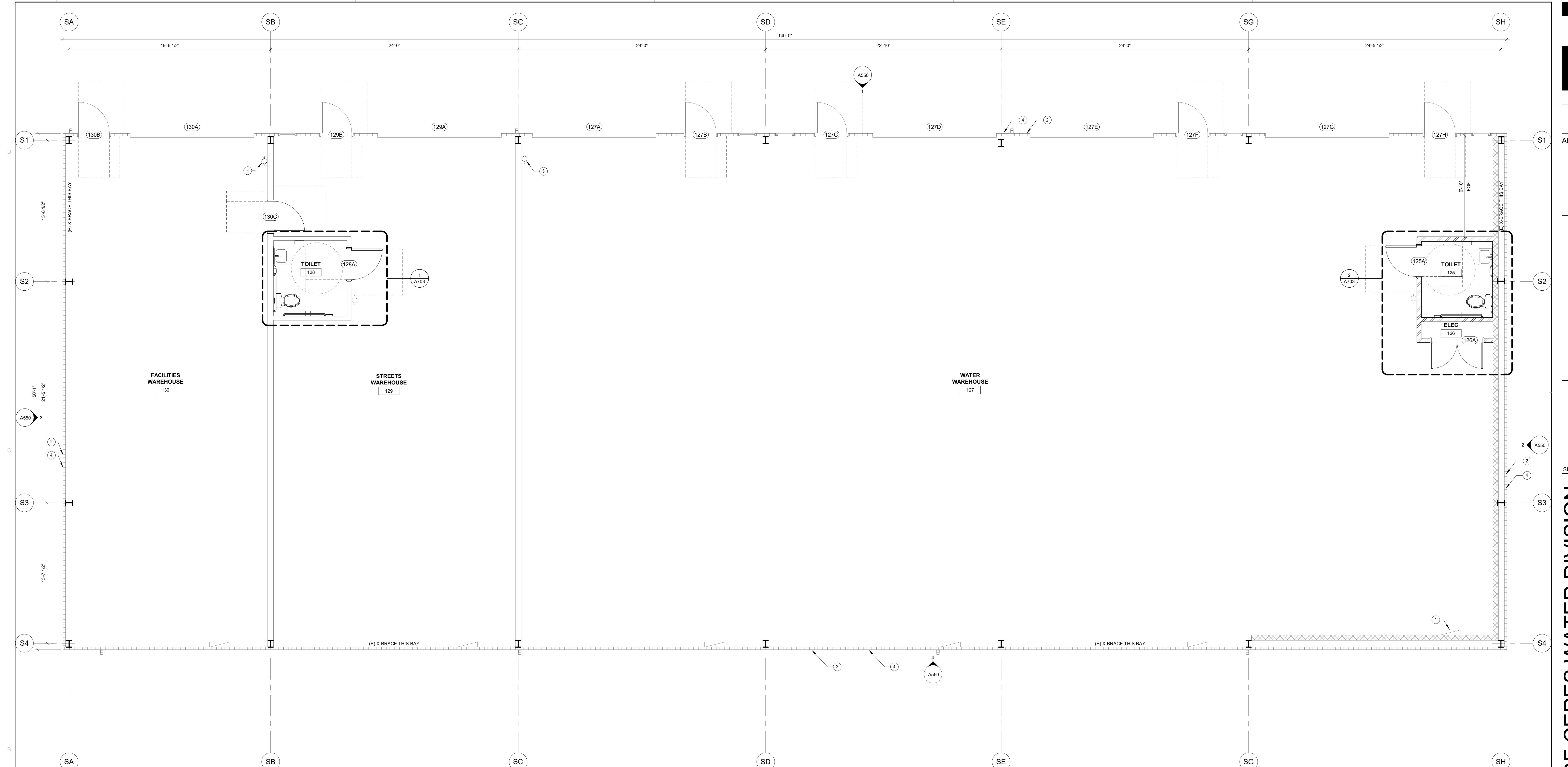
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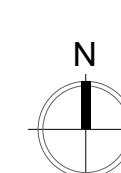
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1 OVERALL FLOOR PLAN - SOUTH BUILDING

1/4" = 1'-0"



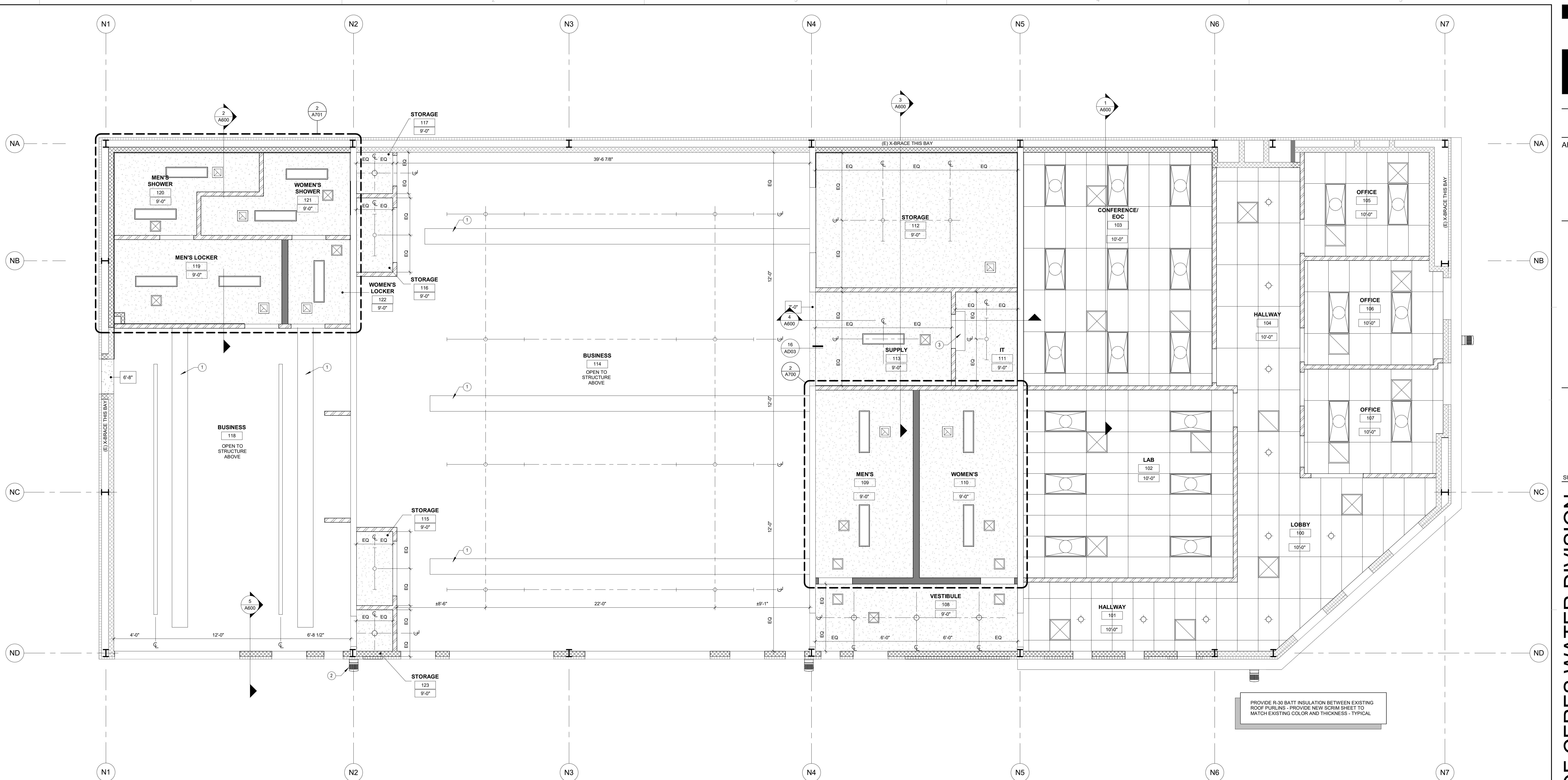
SYMBOL LEGEND	GENERAL NOTES	KEYNOTES	WALL LEGEND
<ul style="list-style-type: none"> <li>KEYNOTE TAG</li> <li>DOOR TAG - SEE DOOR SCHEDULE ON SHEET A800</li> <li>WINDOW TAG - SEE WINDOW SCHEDULE ON SHEET A800</li> <li>ELEVATION TAG</li> </ul>	<p>A. ALL DIMENSIONS ARE TO FACE OF STUD (FOS) AT NEW WALLS OR FACE OF FINISH (POF) AT EXISTING WALL - UNLESS NOTED OTHERWISE.</p> <p>B. ALL SIGNS IDENTIFYING PERMANENT ROOMS OR SPACES ARE REQUIRED TO HAVE VISUAL AND RAISED CHARACTERS AND BRaille AND TO BE MOUNTED ON THE SIDE OF DOOR WITH THE LOWEST TACTILE CHARACTERS NO LOWER THAN 48" AND THE BOTTOM OF THE HIGHEST TACTILE CHARACTERS NO HIGHER THAN 60" AFT.</p> <p>C. DIRECTIONAL SIGNAGE - DISPLAY IN ALL HALLWAYS AND WALKWAYS - PROFESSIONALLY PRODUCED DIRECTIONAL SIGNAGE TO ALL APPROPRIATE AREAS - SEE SPECIFICATIONS FOR SIGNAGE REQUIREMENTS.</p> <p>D. ALL EQUIPMENT, FURNITURE AND MILLWORK INTENDED FOR PUBLIC USE MUST MEET ALL CLEARANCES AND REQUIREMENTS AS DEFINED BY THE GOVERNING ACCESSIBILITY CODE OR LOCAL CODE - WHICHEVER IS STRICTER.</p> <p>E. SEE ACCESSIBILITY DETAILS SHEETS A001 AND A002 FOR ADDITIONAL REQUIREMENTS FOR PUBLIC SPACES AND EQUIPMENT.</p> <p>F. SEE ACCESSIBILITY DETAIL SHEETS A001 AND A002 FOR TYPICAL MOUNTING HEIGHTS FOR ACCESSORIES.</p> <p>G. PROVIDE ACCESSIBLE FLOOR TRANSITIONS AT ALL LOCATIONS WHERE THERE IS A CHANGE IN FLOORING MATERIAL, OR AT DOOR THRESHOLDS. THE CHANGE OF LEVEL BETWEEN MATERIALS MUST BE NO MORE THAN 1/4" OR UP TO 1/2" IF SLOPED AT 1:2 - SEE DETAIL 2/A002.</p> <p>H. FIRE EXTINGUISHERS, SMOKE DETECTORS &amp; OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. FIRE EXTINGUISHERS ARE TO BE MOUNTED NO MORE THAN 48" AFT.</p>	<p>I. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.</p> <p>J. CONTRACTOR TO VERIFY ALL OUTLET LOCATIONS PRIOR TO ELECTRICAL BID AND AGAIN PRIOR TO ELECTRICAL ROUGH-IN.</p> <p>K. GENERAL CONTRACTOR TO COORDINATE AND PROVIDE ALL NECESSARY MECHANICAL, PLUMBING, AND ELECTRICAL CONNECTIONS AND REQUIRED STRUCTURAL SUPPORT NECESSARY TO INSTALL AND OPERATE ANY AND ALL EQUIPMENT SHOWN.</p> <p>L. TYPICAL EXISTING ELECTRICAL PANEL - SEE ELECTRICAL DRAWINGS</p> <p>M. PROVIDE NEW PAINT ON EXTERIOR METAL PANELS TO MATCH COLOR P-4 - SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.</p> <p>N. WALL-MOUNTED FIRE EXTINGUISHER - T.O. EXTINGUISHER AT 48" MAX AFT</p> <p>O. PREP ALL EXTERIOR METAL PANELS FOR NEW PAINT - SEE EXTERIOR ELEVATIONS</p>	<p>EXISTING INTERIOR 2X6 WALL</p> <p>3-6F16 GA. AT 16" O.C. METAL STUD NON-RATED PARTITION W/ 5/8" GYP. BD. EACH SIDE FROM FLOOR TO 6' (MIN.) ABOVE CEILING - FILL CAVITY W/ ACOUSTIC INSULATION - TYP. U.N.O.</p> <p>6-18 GA. AT 16" O.C. METAL STUD NON-RATED PARTITION W/ 5/8" GYP. BD. EACH SIDE FROM FLOOR TO 6' (MIN.) ABOVE CEILING - FILL CAVITY W/ ACOUSTIC INSULATION - TYP. U.N.O.</p> <p>EXISTING METAL PANELS</p> <p>EXISTING INTERIOR 2X6 FURRED WALL</p>



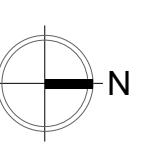


**CITY OF CERES WATER DIVISION**

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1 REFLECTED CEILING PLAN - NORTH BUILDING



FIXTURE PLACEMENT	CEILING LEGEND	KEYNOTES
<p>CENTER FIXTURE IN SPACE CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE</p> <p>ALIGN FIXTURES ALIGN FIXTURES ALONG CENTERLINE SHOWN</p> <p>CENTER OVER CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION</p>	<p>10'0"</p> <p>CEILING HEIGHT TAG</p> <p>FRAMED GYPSUM BOARD CEILING - SEE DETAIL 2/A006 AND STRUCTURAL DRAWINGS</p> <p>2x4 CEILING LIGHT LINEAR BOX - SEE DETAIL 9/A006 AND ELECTRICAL DRAWINGS</p> <p>1x4 CEILING LIGHT LINEAR BOX - SEE ELECTRICAL DRAWINGS</p> <p>RECESSED CAN LIGHT - SEE ELECTRICAL DRAWINGS</p> <p>SUSPENDED LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS</p> <p>SUPPLY REGISTER - SEE MECHANICAL DRAWINGS</p> <p>RETURN REGISTER - SEE MECHANICAL DRAWINGS</p> <p>EXHAUST FAN - SEE MECHANICAL DRAWINGS</p>	<p>1 EXPOSED DUCTWORK - SEE MECHANICAL DRAWINGS</p> <p>2 TYPICAL WALL PACK LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS AND EXTERIOR ELEVATIONS</p> <p>3 WALL-MOUNTED FAN COIL UNIT - SEE MECHANICAL DRAWINGS</p>

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**CITY OF CERES WATER DIVISION**

1921 ROCKEFELLER DR.  
CERES, CA 953307

PROJECT DETAILS  
RED PROJECT NO: 22044  
SUBMITTAL DATE: 1/26/2024

PROJECT REVISIONS

DATE	DESCRIPTION

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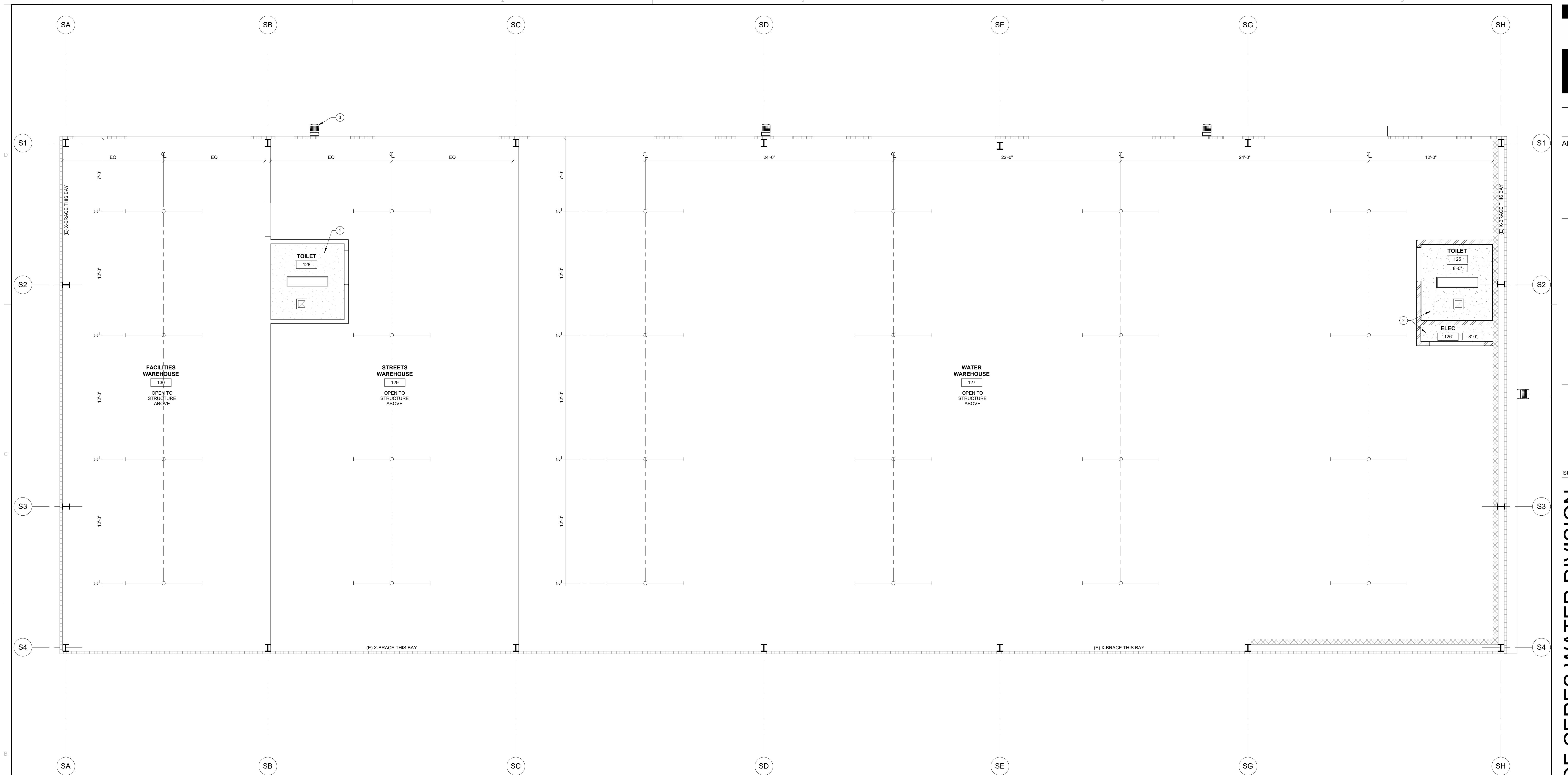
REFLECTED  
CEILING PLAN -  
SOUTH BUILDING

SHEET NUMBER

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BUILDING PERMIT SERVICES



1 REFLECTED CEILING PLAN - SOUTH BLDG

1/4" = 1'-0"



**CEILING LEGEND**

	CEILING HEIGHT TAG
	FRAMED GYPSUM BOARD CEILING - SEE DETAIL 2/AD06 AND STRUCTURAL DRAWINGS
	1x4 CEILING LIGHT LINEAR BOX - SEE ELECTRICAL DRAWINGS
	EXHAUST FAN - SEE MECHANICAL DRAWINGS
	SUPPLY REGISTER - SEE MECHANICAL DRAWINGS
	RETURN REGISTER - SEE MECHANICAL DRAWINGS

**KEYNOTES**

- 1 EXISTING CEILING TO REMAIN - PATCH AND REPAIR AND PREP FOR NEW PAINT FINISH - SEE FINISH SCHEDULE
- 2 NEW FRAMED GYPSUM BOARD CEILING - SEE DETAIL 2/AD06
- 3 TYPICAL WALL PACK LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS AND EXTERIOR ELEVATIONS



**CITY OF CERES WATER DIVISION**

1921 ROCKEFELLER DR.  
CERES, CA 953307

**JOB COPY**

STANISLAUS COUNTY  
BUILDING PERMIT SERVICES

**A500**

**KEYNOTES**

- 1 TYPICAL EXISTING METAL AWNINGS - PREP FOR NEW PAINT - COLOR TO MATCH EXISTING
- 2 TYPICAL EXISTING METAL SIDING - PREP FOR NEW PAINT - COLOR TO MATCH EXISTING
- 3 TYPICAL EXISTING BRICK WAINSCOT
- 4 TYPICAL EXISTING DOOR AND WINDOW TRIM - PAINT TO MATCH WALLS
- 5 TYPICAL EXISTING METAL PANEL ROOF SCREEN - PREP FOR NEW PAINT - COLOR TO MATCH EXISTING
- 6 MECHANICAL UNITS ON NEW CONCRETE PADS AND SLAB - SEE MECHANICAL AND STRUCTURAL DRAWINGS
- 7 PROVIDE MATCHING BRICK WAINSCOT AT INFILL FRAMING LOCATIONS AS SHOWN
- 8 PROVIDE MATCHING METAL SIDING AT SKYLIGHT REMOVAL - TYPICAL
- 9 TYPICAL EXISTING BOLLARD - PAINT HIGHWAY TRAFFIC YELLOW
- 10 EXISTING ELECTRICAL EQUIPMENT AND METERS - FIELD VERIFY
- 11 TYPICAL EXISTING MAN DOOR - PREP FOR NEW PAINT - COLOR TO MATCH EXISTING
- 12 TYPICAL WALL PACK LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
- 13 TYPICAL EXISTING DOWNSPOUT - PAINT TO MATCH ADJACENT WALL
- 14 PROVIDE MATCHING METAL SIDING AT INFILL LOCATIONS - TYPICAL
- 15 COORDINATE INSTALLATION OF INTAKE AND EXHAUST AIR LOUVERS - SEE MECHANICAL DRAWINGS
- 16 COORDINATE INSTALLATION OF INTAKE AIR LOUVERS - SEE MECHANICAL DRAWINGS
- 17 COORDINATE INSTALLATION OF EXHAUST AIR LOUVERS - SEE MECHANICAL DRAWINGS

SUBMITTAL #

**PROJECT DETAILS**

RED PROJECT NO: 22044  
SUBMITTAL DATE: 1/26/2024

**PROJECT REVISIONS**

DATE	DESCRIPTION

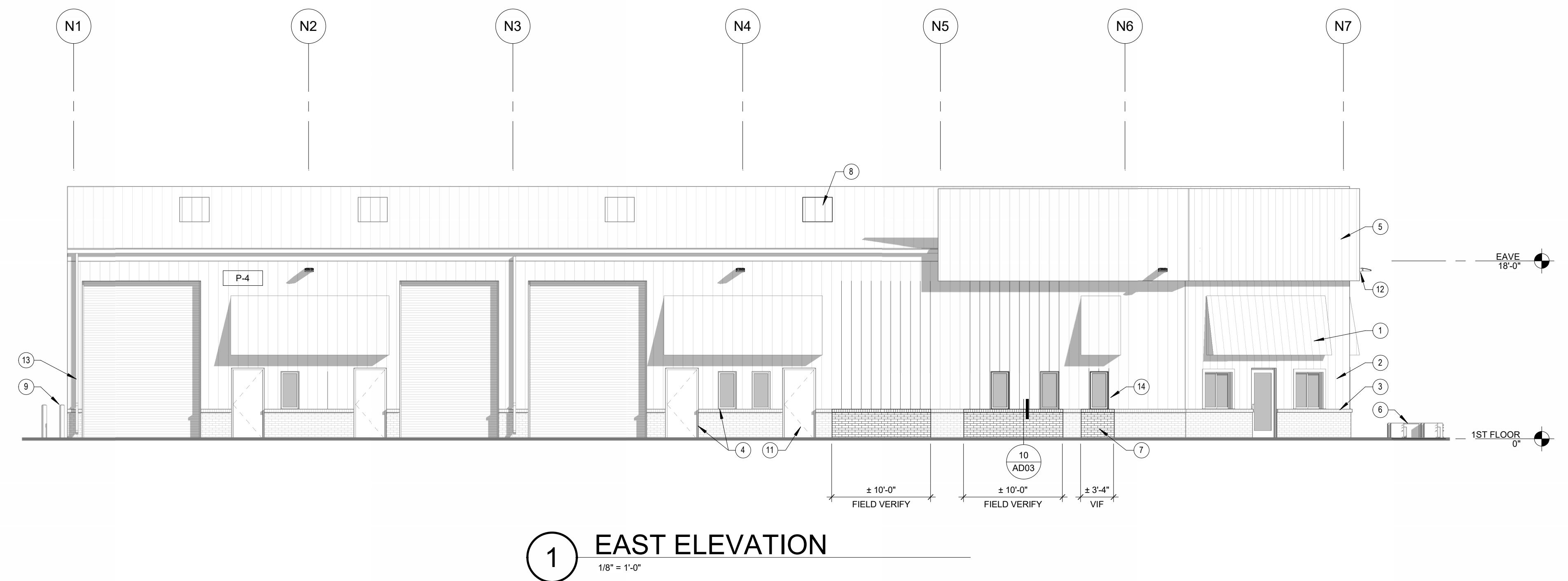
**SHEET DETAILS**

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CHECKED BY: DP  
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**SHEET TITLE**

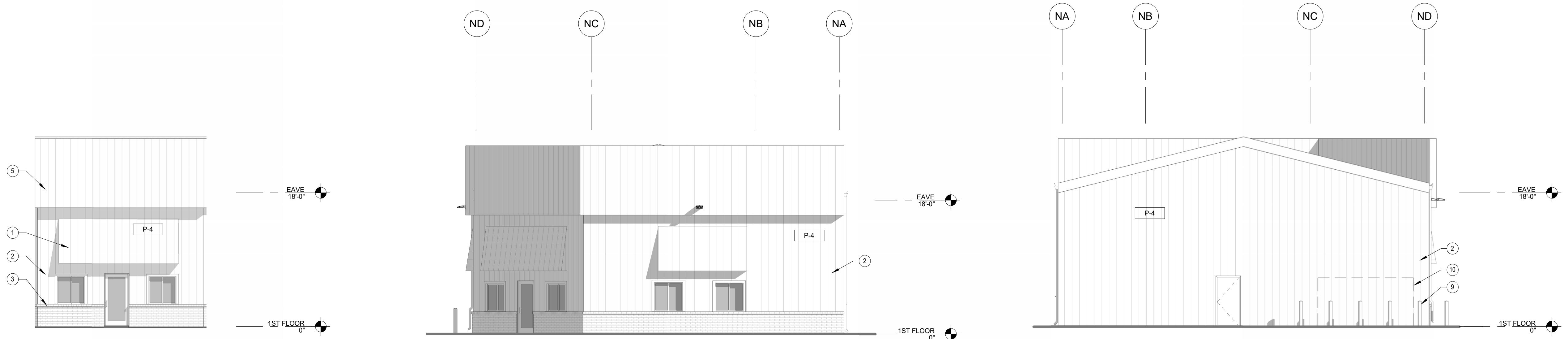
EXTERIOR  
ELEVATIONS -  
NORTH BUILDING

**SHEET NUMBER**



1 EAST ELEVATION

1/8" = 1'-0"



2 NORTH/EAST ELEVATION

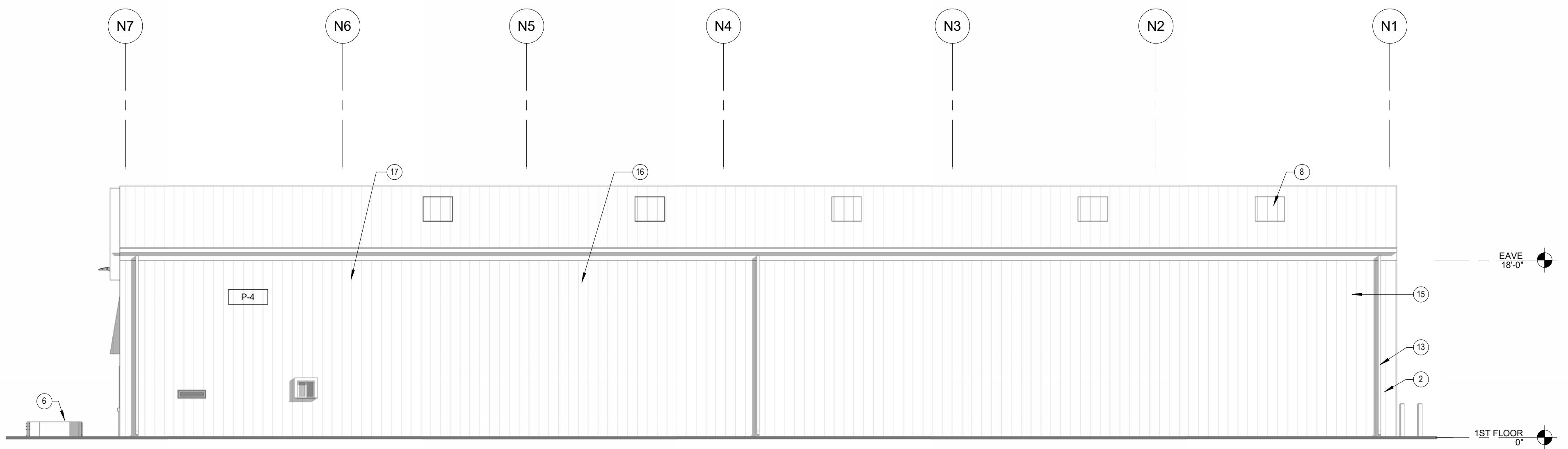
1/8" = 1'-0"

3 NORTH ELEVATION

1/8" = 1'-0"

4 SOUTH ELEVATION

1/8" = 1'-0"



5 WEST ELEVATION

1/8" = 1'-0"





CITY OF CERES WATER DIVISION

1921 ROCKEFELLER DR.

CERES, CA 953307

PROJECT DETAILS	
RED PROJECT NO:	22044
SUBMITTAL DATE:	
DATE	1/26/2024
DESCRIPTION	

SHEET DETAILS	
DRAWN BY:	WH
CHECKED BY:	DP
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SHEET TITLE	
SECTIONS AT	MEZZANINES AND
EXISTING	
SKYLIGHTS	

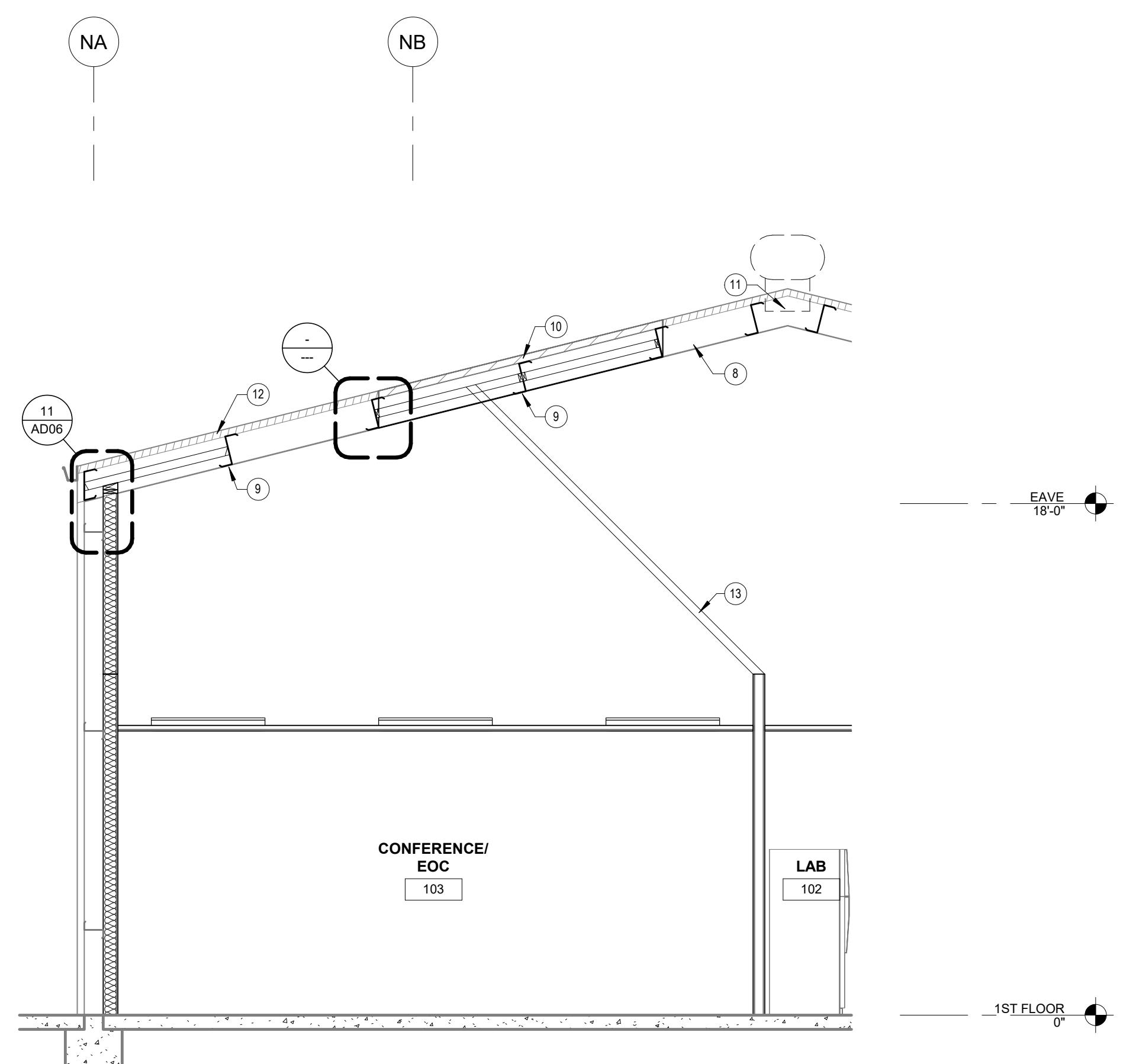
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BUILDING PERMIT SERVICES

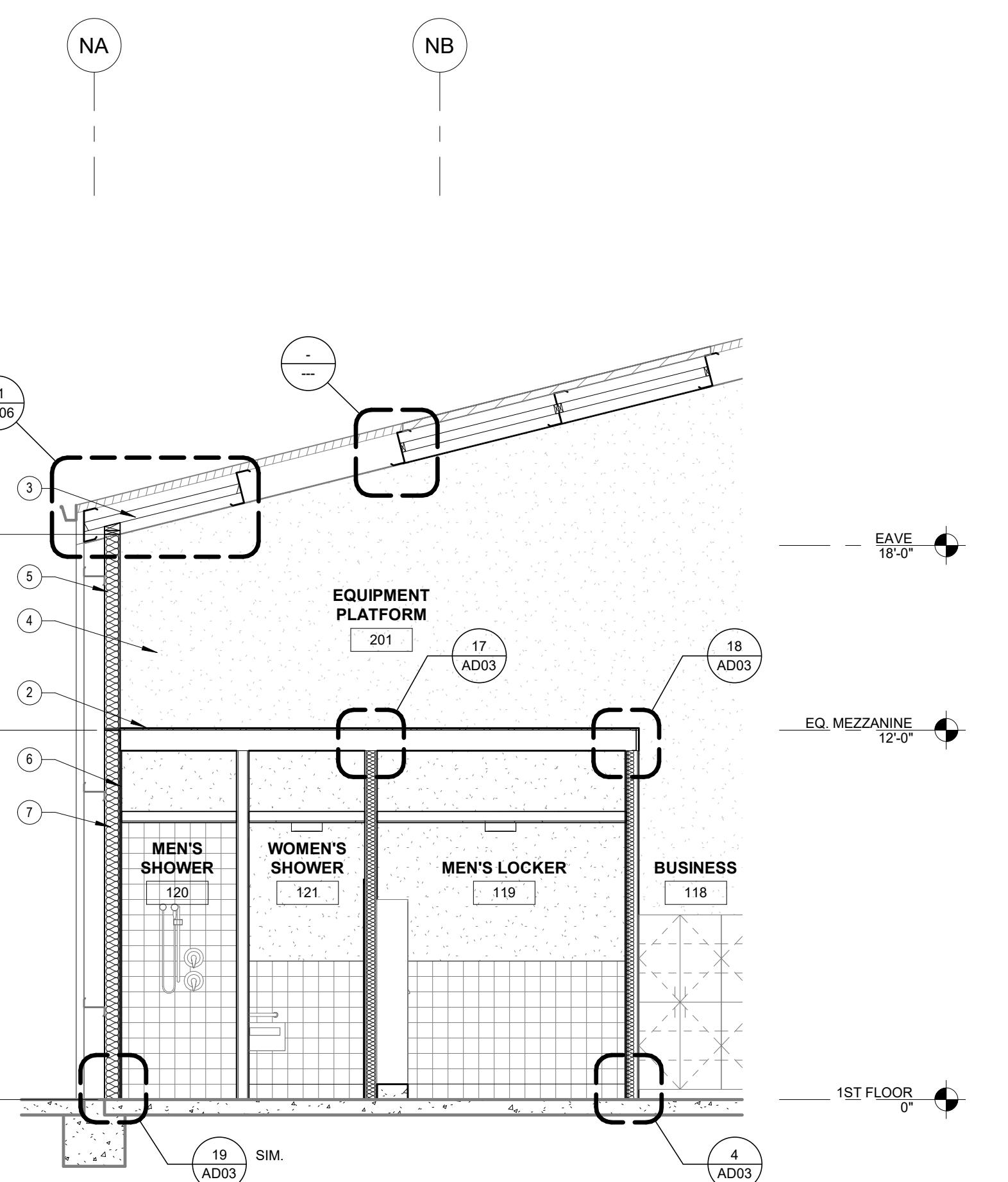
A600

KEYNOTES

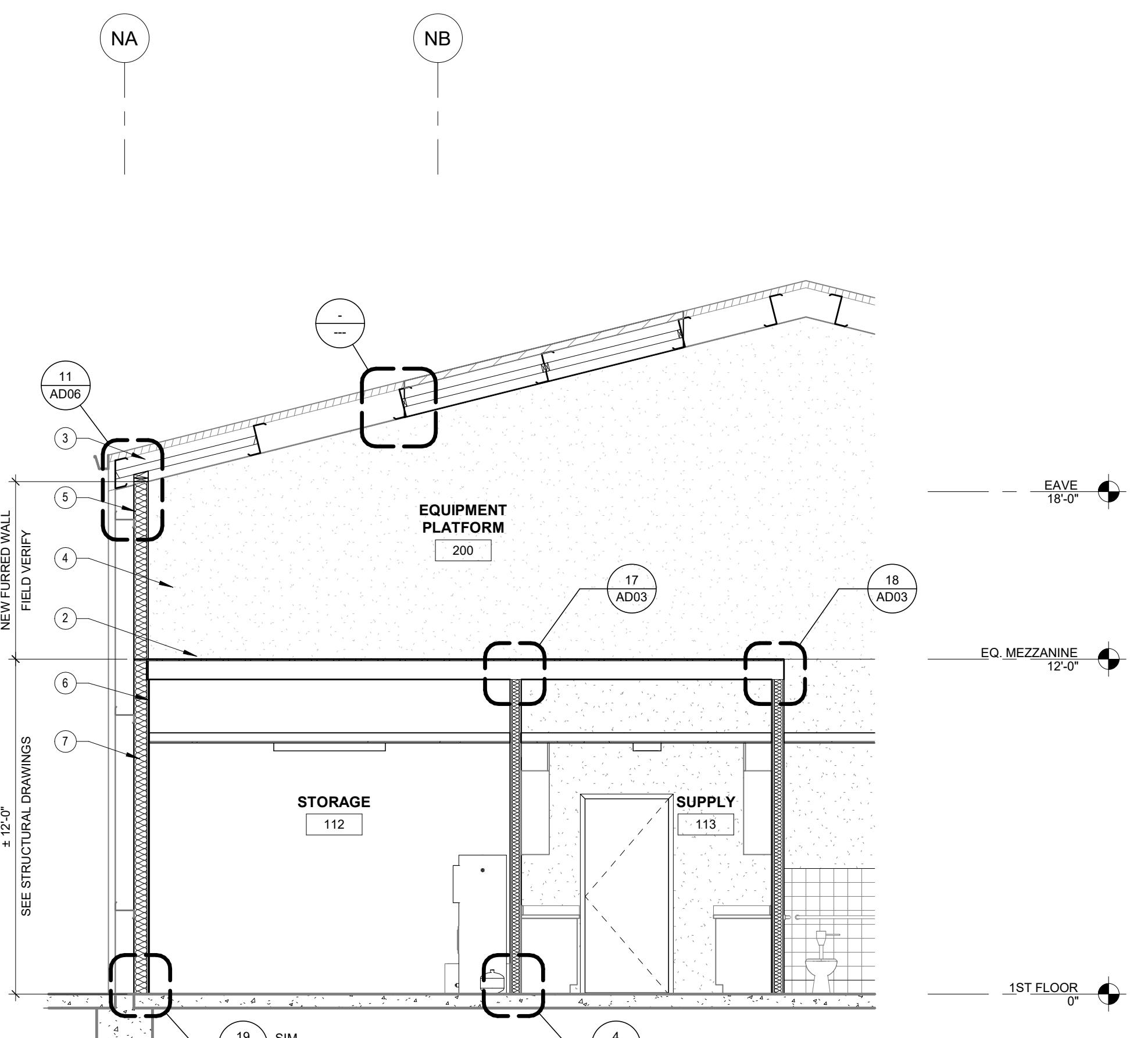
- EXISTING WALL - MODIFY AS NEEDED FOR MECHANICAL WORK - PATCH AND REPAIR AND PREP FOR NEW FINISH
- PLYWOOD SHEATHING OVER METAL JOIST FRAMING - SEE STRUCTURAL DRAWINGS
- FIELD VERIFY EXISTING ROOF HEIGHT - NOTIFY ARCHITECT AND OWNER OF ANY AIR HANDLER CLEARANCE ISSUES PRIOR TO FRAMING MEZZANINE - SEE MECHANICAL DRAWINGS
- PAINT WALLS TO MATCH ADJACENT WALLS
- FURRED WALL FROM TOP OF PLATFORM TO ROOF - ALIGN WITH FURRED WALL BELOW - SEE WALL LEGEND ON FLOOR PLAN FOR INSULATION REQUIREMENTS
- SHED WALL WHERE OCCURS - SEE STRUCTURAL DRAWINGS
- CONTINUOUS FURRED WALL FRAMING BELOW PLATFORM - SEE STRUCTURAL DRAWINGS - SEE WALL LEGEND ON FLOOR PLAN FOR INSULATION REQUIREMENTS
- FIELD VERIFY EXISTING ROOF PURLINS - PROVIDE NEW SCRIM SHEET TO MATCH EXISTING COLOR AND THICKNESS - TYPICAL
- EXISTING METAL ROOF PURLINS - FIELD VERIFY LOCATIONS
- EXISTING SKYLIGHT PANEL TO REMAIN - TYPICAL - SEE STRUCTURAL DRAWINGS FOR NEW INFILL FRAMING
- EXISTING ROOF VENT OPENING (TYPICAL AT SKYLIGHT LOCATIONS) - SEE DETAIL 16/AD06
- EXISTING ROOF PANELS TO REMAIN - FIELD VERIFY EXISTING CONDITIONS
- WALL BRACE WHERE OCCURS - SEE STRUCTURAL DRAWINGS



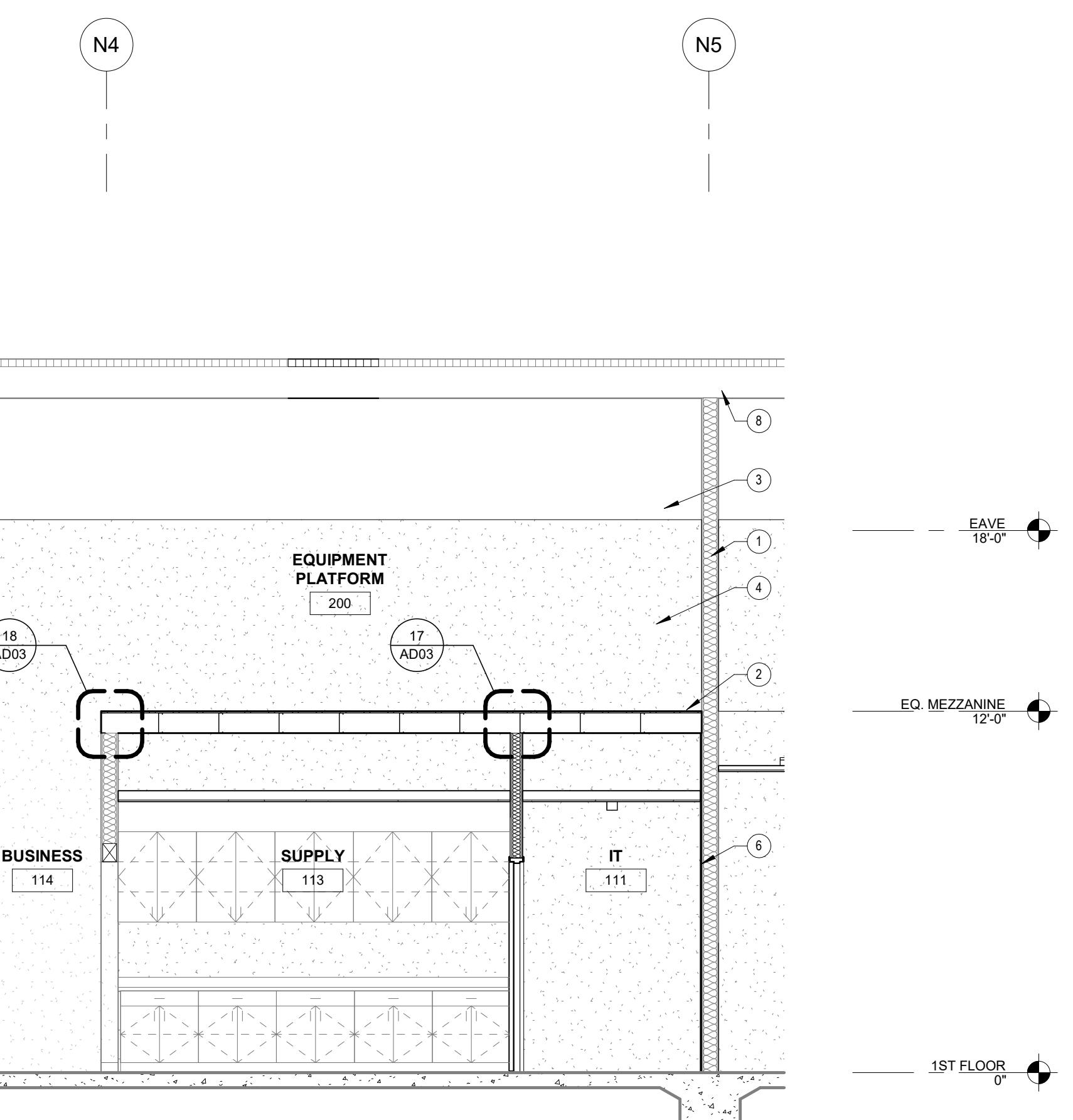
1 SECTION AT SKYLIGHT OPENING - NORTH BUILDING  
1/4" = 1'-0"



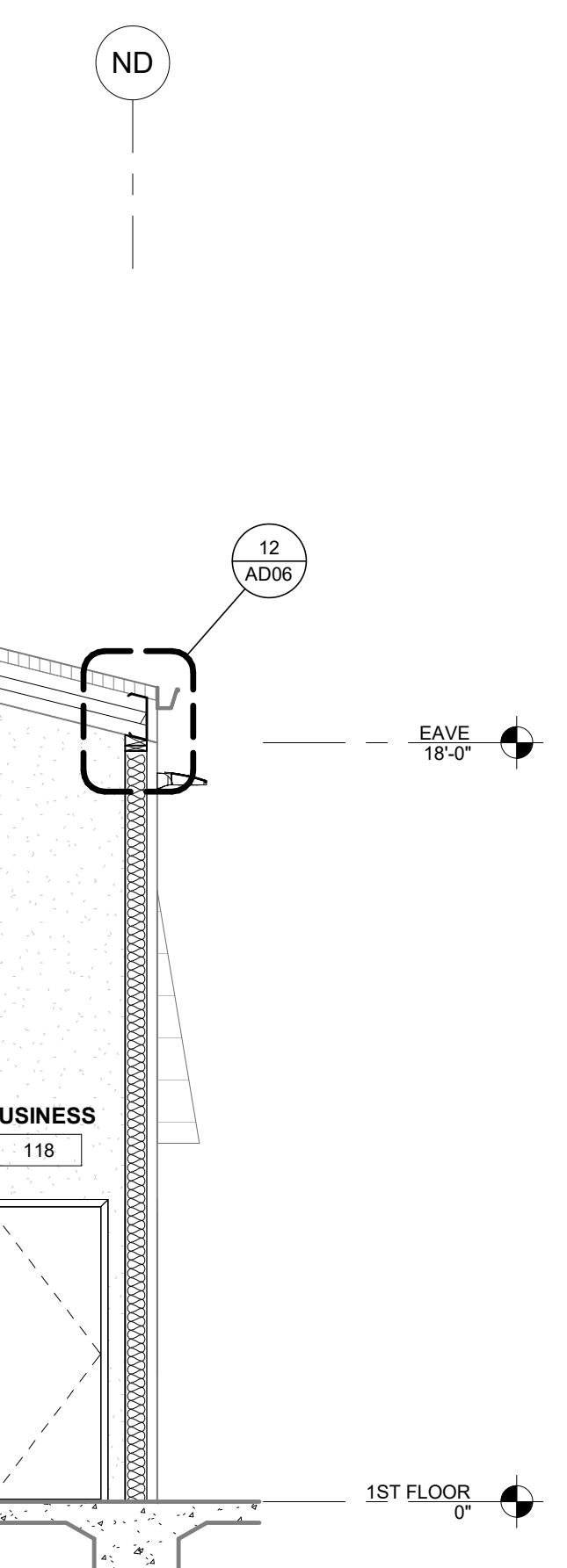
2 SECTION AT MEZZANINE 201- NORTH BUILDING  
1/4" = 1'-0"



3 SECTION AT MEZZANINE 200 - NORTH BUILDING  
1/4" = 1'-0"



4 SECTION AT MEZZANINE 200 - NORTH BUILDING  
1/4" = 1'-0"




5 WALL SECTION 201 - NORTH BUILDING  
1/4" = 1'-0"



## CITY OF CERES WATER DIVISION

1921 ROCKEFELLER DR.  
CERES, CA 95357



**KEYNOTES**

- 1 TYPICAL LOCKERS PROVIDED BY OWNER
- 2 FURRED WALL FRAMING AT CORNER - ADJUST AS NEEDED FOR SIZE OF LOCKERS
- 3 ACCESSIBLE LOCKER WITH ADJUSTABLE SHELVING AND RECESSED HANDLE THAT SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST
- 4 PLUMBING FIXTURES - SEE PLUMBING DRAWINGS
- 5 SHOWER WAND AND CONTROLS - SEE PLUMBING DRAWINGS
- 6 LIGHT FIXTURES - SEE ELECTRICAL DRAWINGS
- 7 ELECTRICAL PANEL - SEE ELECTRICAL DRAWINGS
- 8 RECESSED SLAB FOR ACCESSIBLE SHOWER. SEE DETAIL 15AD01 FOR REQUIREMENTS - SLOPE TILE TO FLOOR DRAIN (SLOPE NOT TO EXCEED 1/48) WITH 1/2" MAXIMUM THRESHOLD - SEE STRUCTURAL DRAWINGS
- 9 6" CONCRETE PAD - COORDINATE DEPTH WITH OWNER'S LOCKER SELECTION - SEE STRUCTURAL DRAWINGS
- 10 ACCESSIBLE BENCH WITH BACK SUPPORT PROVIDED BY OWNER AND INSTALLED BY G.C.
- 11 SALSBURY WOOD LOCKER BENCH MODEL 77783 (36Wx18Hx9-1/2D) PROVIDED AND INSTALLED BY G.C.
- 12 SHEAR WALL WHERE OCCURS - SEE STRUCTURAL DRAWINGS
- 13 60" Ø CIRCLE, ADA CLEARANCE
- 14 30x48 ADA APPROACH
- 15 WATER CLOSET CLEARANCES - 59" MIN - SIDE DOOR SWING

**TOILET ACCESSORY SCHEDULE**

DESCRIPTION	MANUFACTURER	MODEL NO.	MOUNTING HEIGHT
01 REAR GRAB BAR 36"	BOBRICK	B-5806.99	33" MIN TO 36" MAX T.C. BAR
02 SIDE GRAB BAR 48"	BOBRICK	B-5806.99	33" MIN TO 36" MAX T.C. BAR
03 24"X36" MIRROR	BOBRICK		40" MAX. TO BOTTOM
04 SOAP DISPENSER	BOBRICK	B-40	40" MAX. TO PUSH VALVE
05 TOILET SEAT COVER DISPENSER	BOBRICK	B-221	40" MAX. TO COVER SLOT
06 TOILET TISSUE DISPENSER	BOBRICK	B-2888	19" MIN. TO TISSUE SLOT
07 SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	40" MAX. TO B.O. LID
08 PAPER TOWEL DISPENSER	BOBRICK	B-262	PR MFR. INSTRUCTIONS
09 URINAL SCREEN	BOBRICK	B-1085	40" MAX. TO BOTTOM

NOTE: SEE SHEET AD01 FOR LOCATIONS AND CLEARANCE REQUIREMENTS FOR RESTROOM FIXTURES AND ACCESSORIES

**WALL LEGEND**

	EXISTING INTERIOR 2X6 WALL
	EXISTING METAL PANELS
	EXISTING INTERIOR X-FRAME FURRED WALL - REMOVE EXISTING FINISH AS NEEDED TO INSTALL X-FRAME INSULATION BETWEEN ALL STUDS AND IN ANY GAPS BETWEEN NEW AND ANY EXISTING FURRED WALLS - PROVIDE 5/8" GYPSUM BOARD FINISH WITH MATCHING TEXTURE AND FINISH
	3-6/8"X18 GA. AT 16" O.C. METAL STUD NON-RATED PARTITION W/ 5/8" GYP. BD. EACH SIDE FROM FLOOR TO 6' (MIN.) ABOVE CEILING - FILL CAVITY W/ ACOUSTIC INSULATION - TYP. U.N.O.
	6"X18 GA. AT 16" O.C. METAL STUD NON-RATED PARTITION W/ 5/8" GYP. BD. EACH SIDE FROM FLOOR TO 6' (MIN.) ABOVE CEILING - FILL CAVITY W/ ACOUSTIC INSULATION - TYP. U.N.O.
	METAL PANEL INFILL
	NEW 2X6 FURRED WALL - PROVIDE R-19 BATT INSULATION BETWEEN ALL STUDS AND IN ANY GAPS BETWEEN NEW AND EXISTING FURRED WALLS - MATCH ADJACENT TEXTURE AND FINISH

SUBMITTAL #

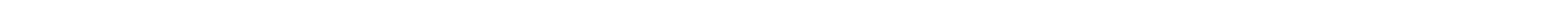
1 PROPOSED FLOOR PLAN - NORTH BUILDING

3/8" = 1'-0"



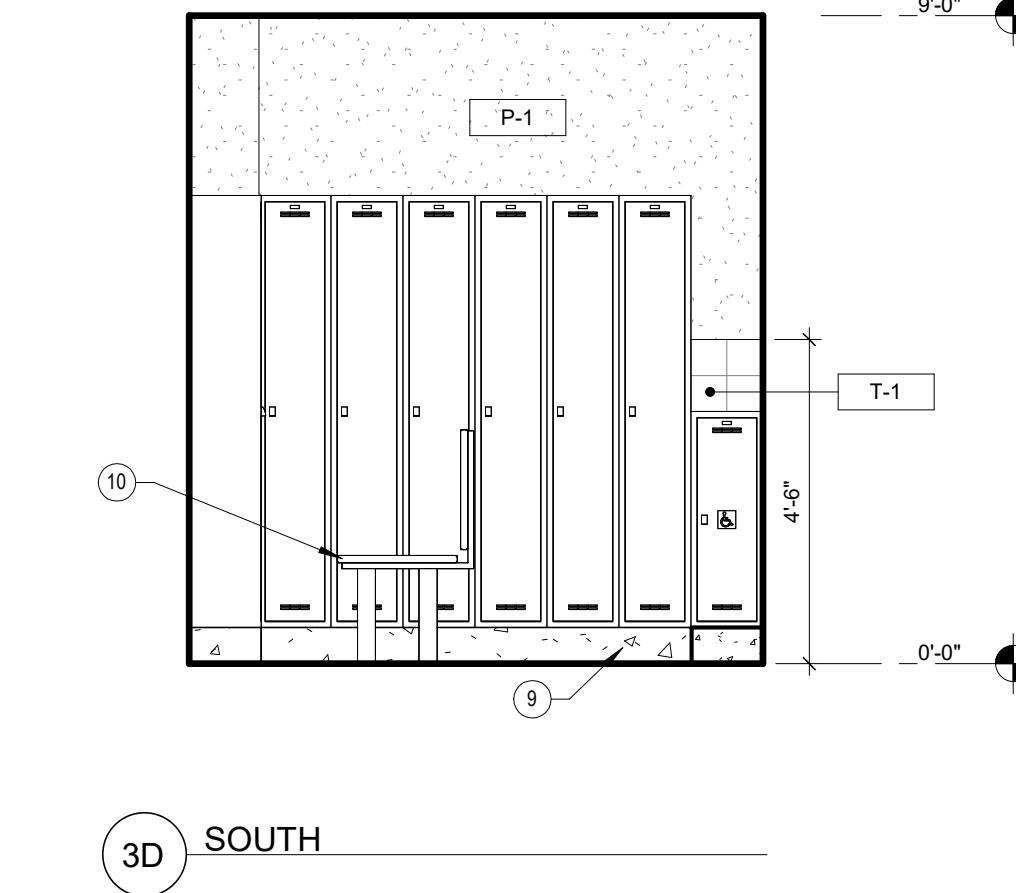
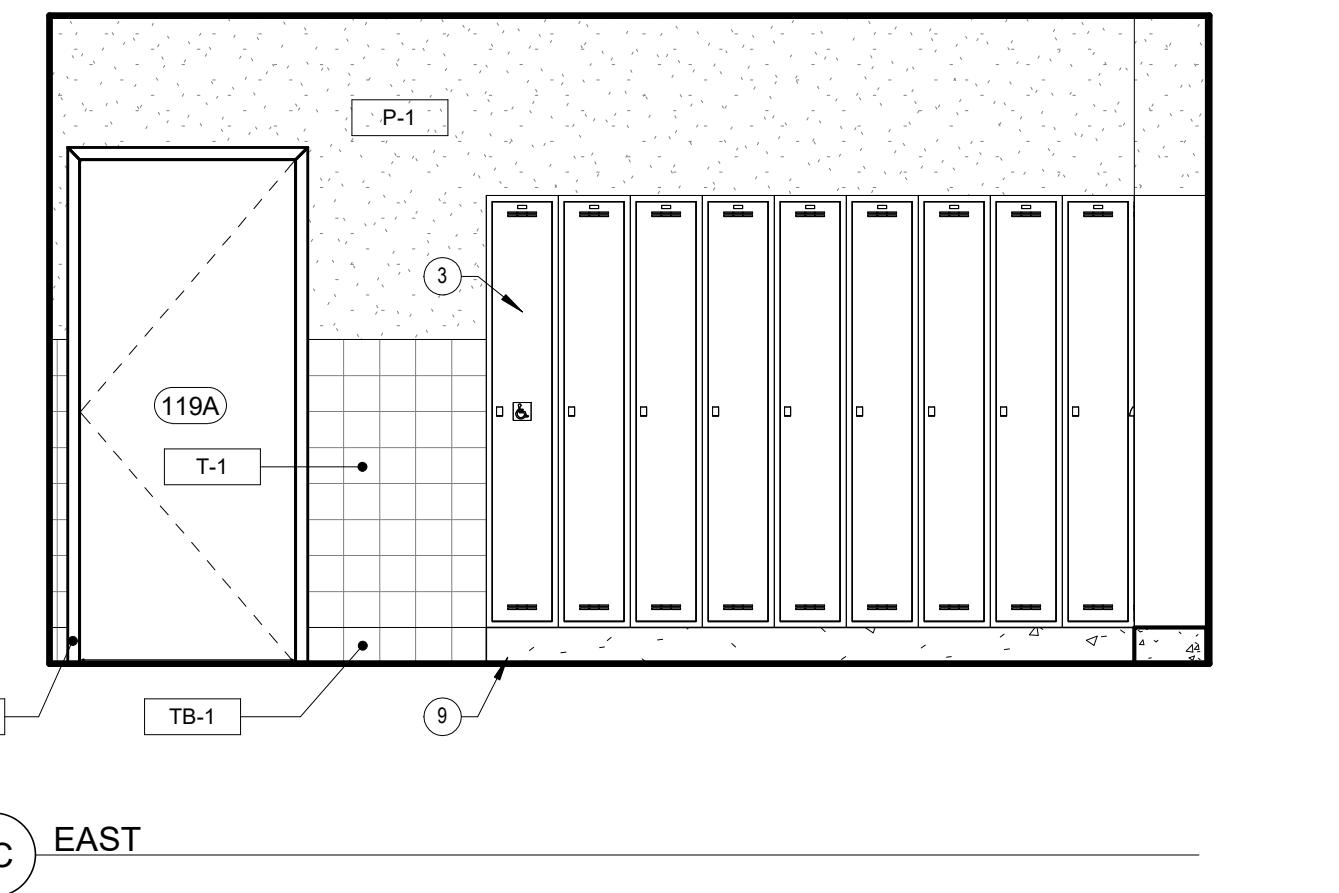
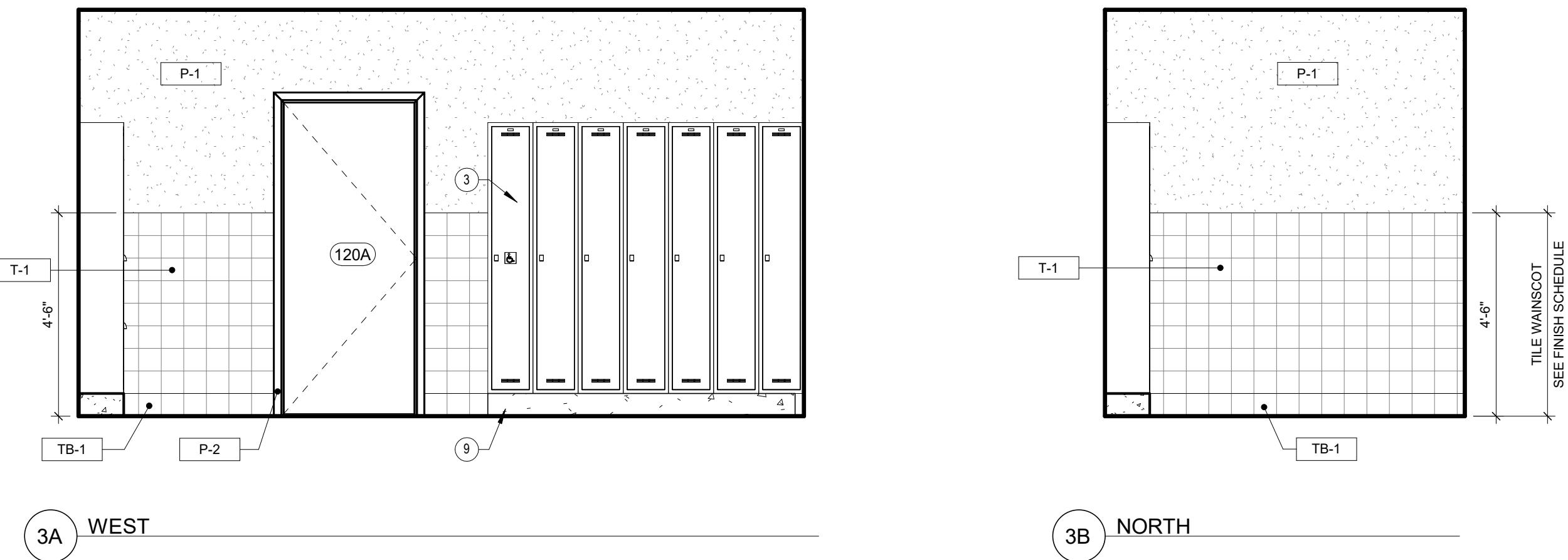
2 REFLECTED CEILING PLAN - NORTH BUILDING

3/8" = 1'-0"



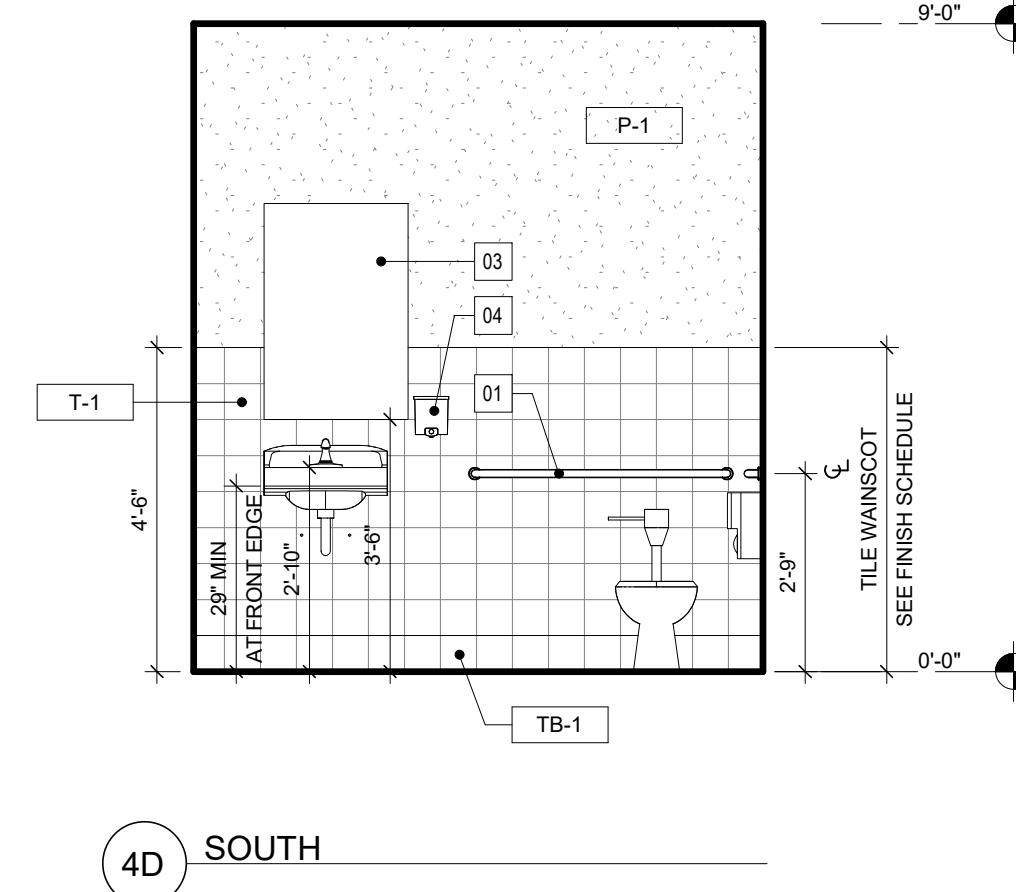
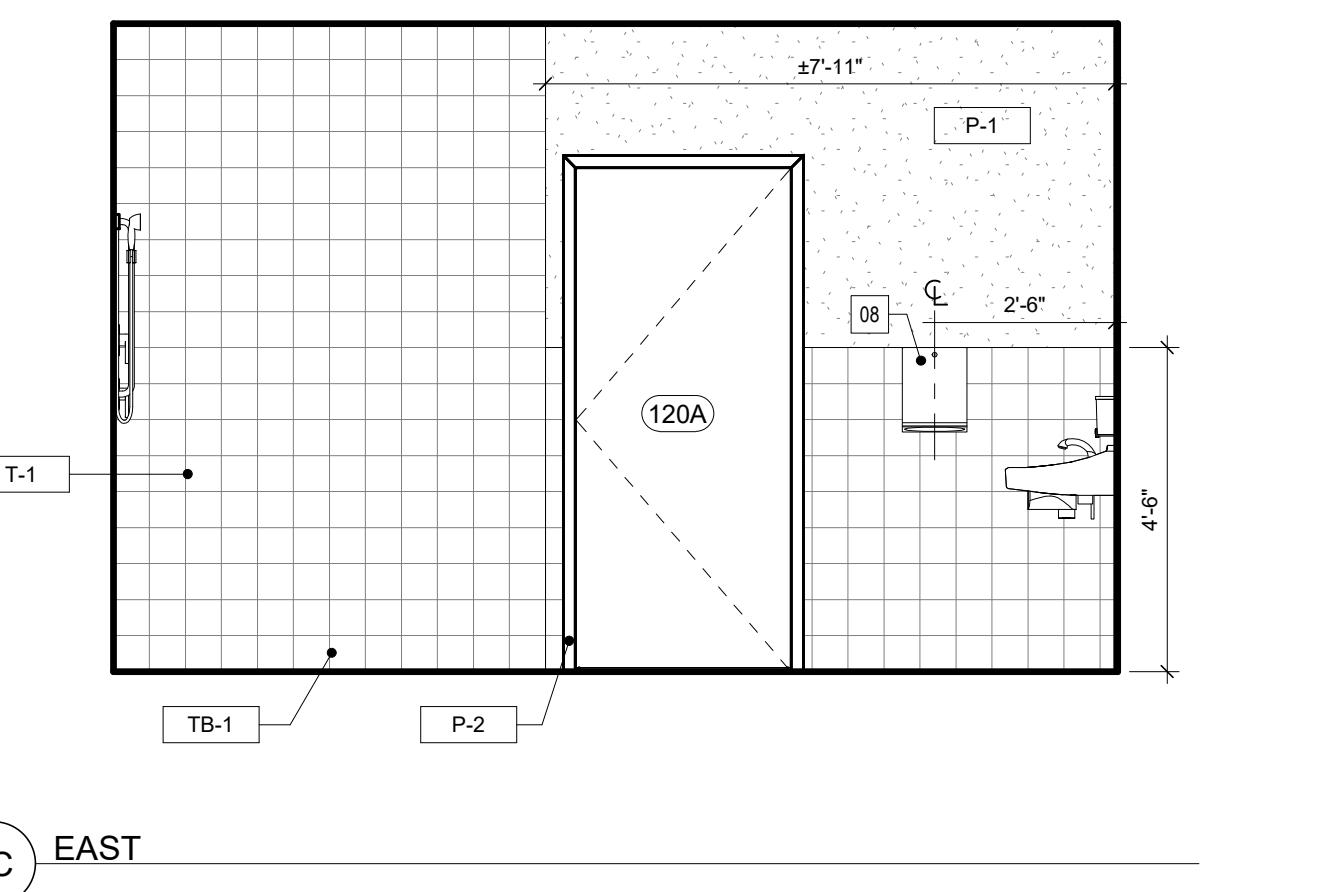
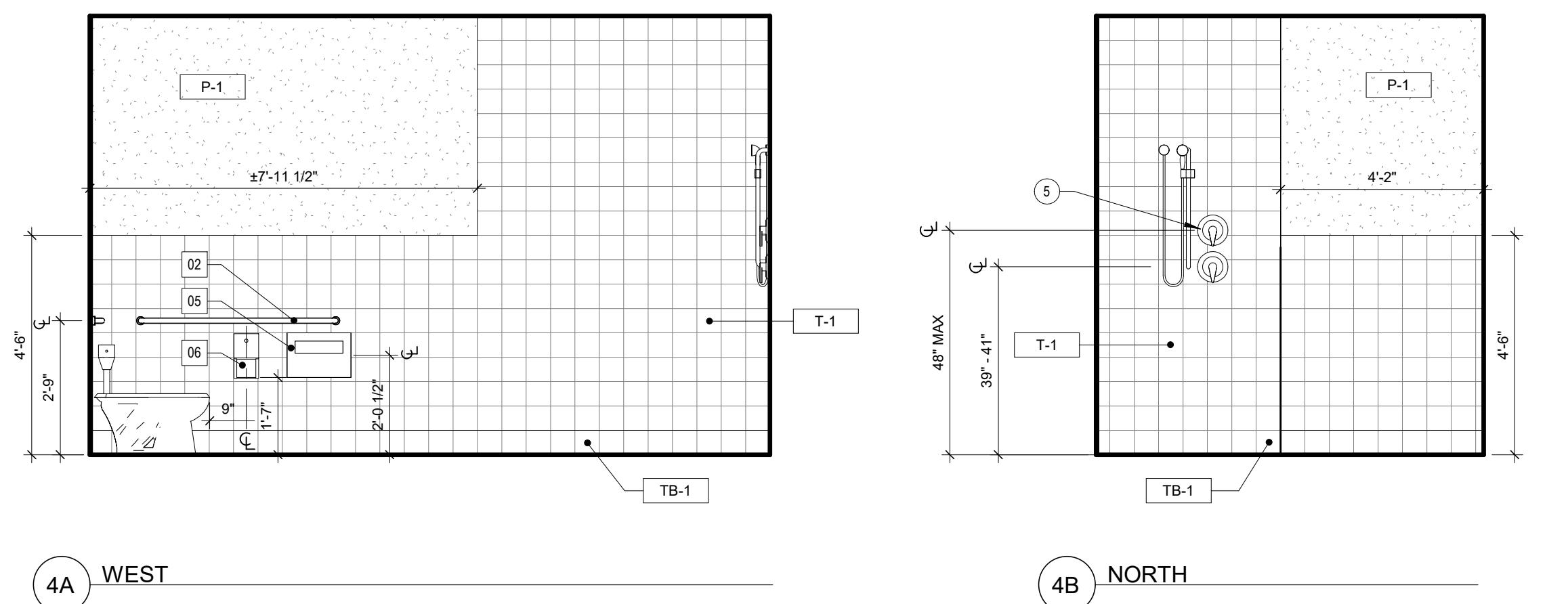
3 ROOM 119 - MEN'S LOCKER ROOM - INTERIOR ELEVATIONS

3/8" = 1'-0" SCALE



4 ROOM 120 - MEN'S SHOWER - INTERIOR ELEVATIONS

3/8" = 1'-0" SCALE



IF THIS SHEET IS NOT 30"X42", IT HAS BEEN RESIZED - DO NOT SCALE

0 1/4" 1/2" 1" 2"

PROJECT DETAILS  
RED PROJECT NO: 22044  
SUBMITTAL DATE: 1/26/2024

PROJECT REVISIONS

DATE DESCRIPTION

SHEET DETAILS  
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CHECKED BY: DP  
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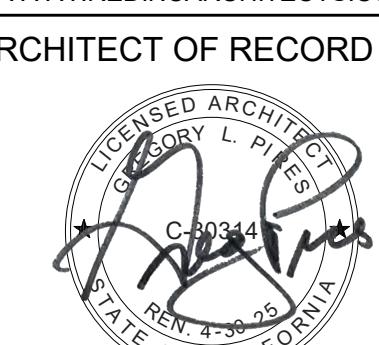
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ENLARGED PLANS AND INTERIOR ELEVATIONS

SHEET NUMBER

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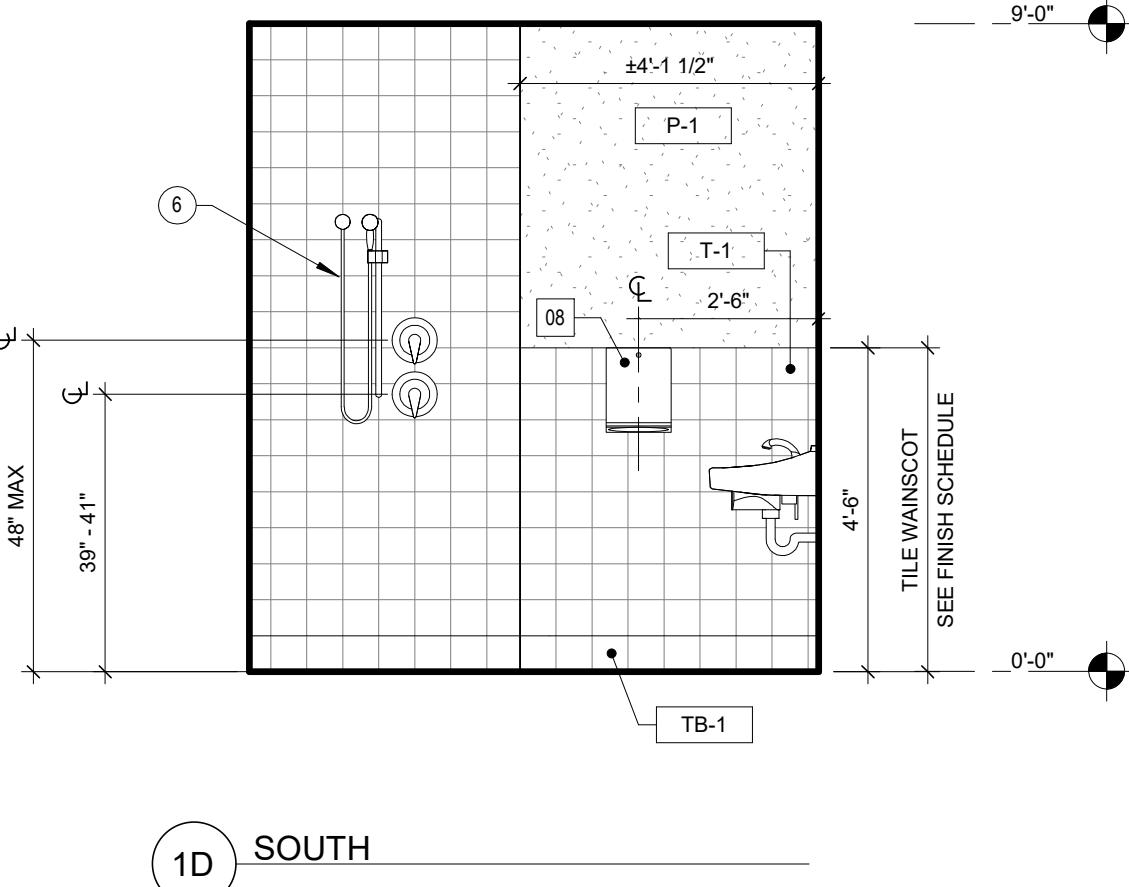
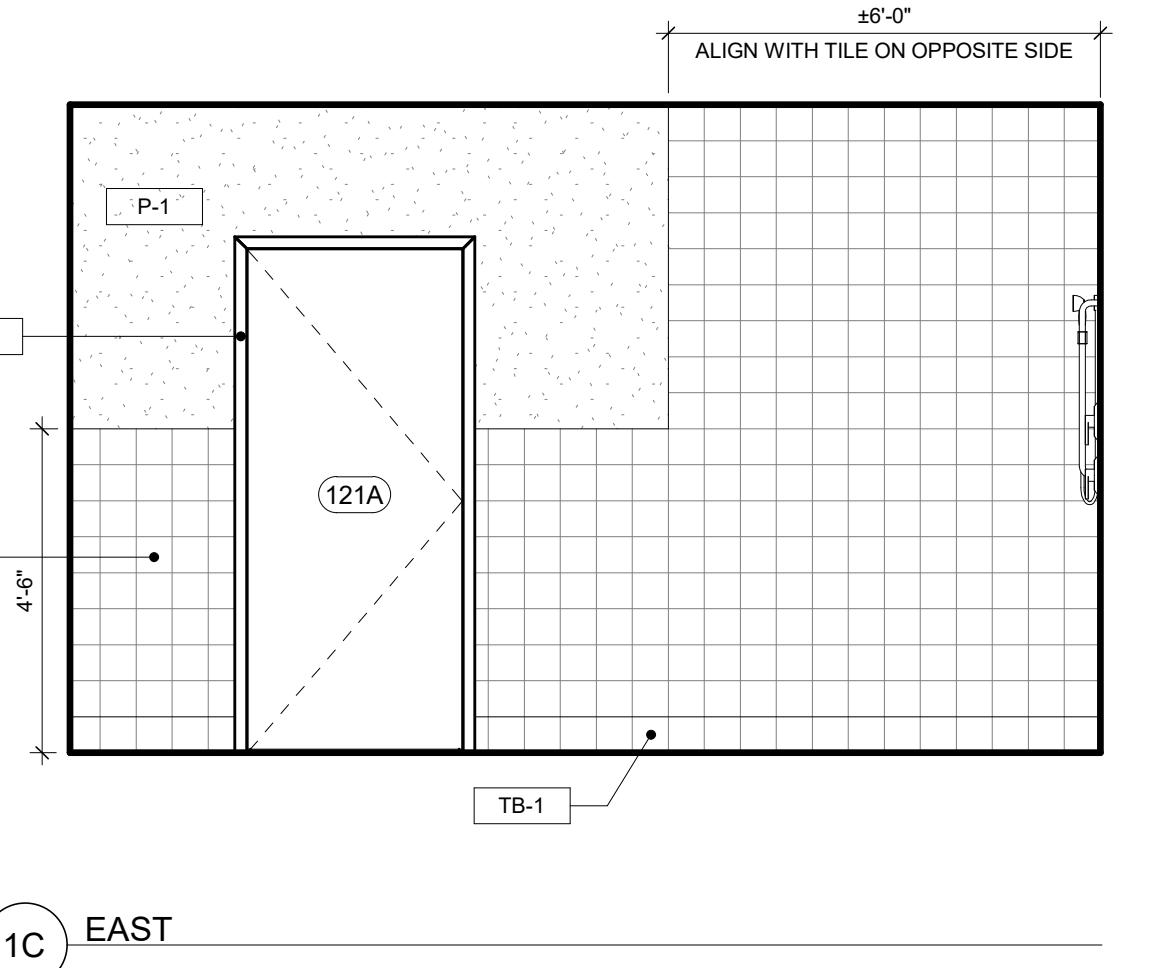
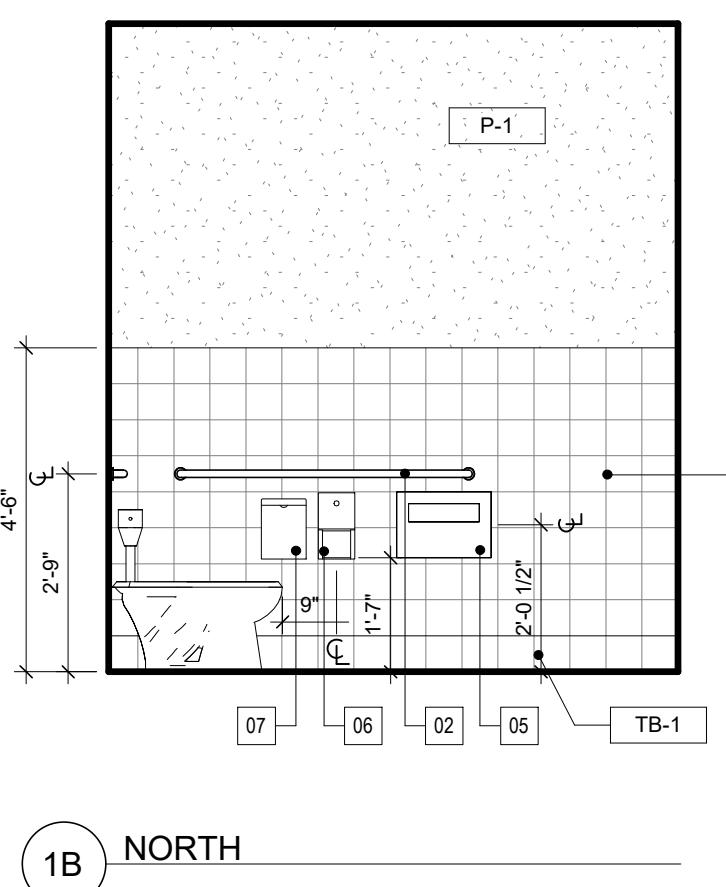
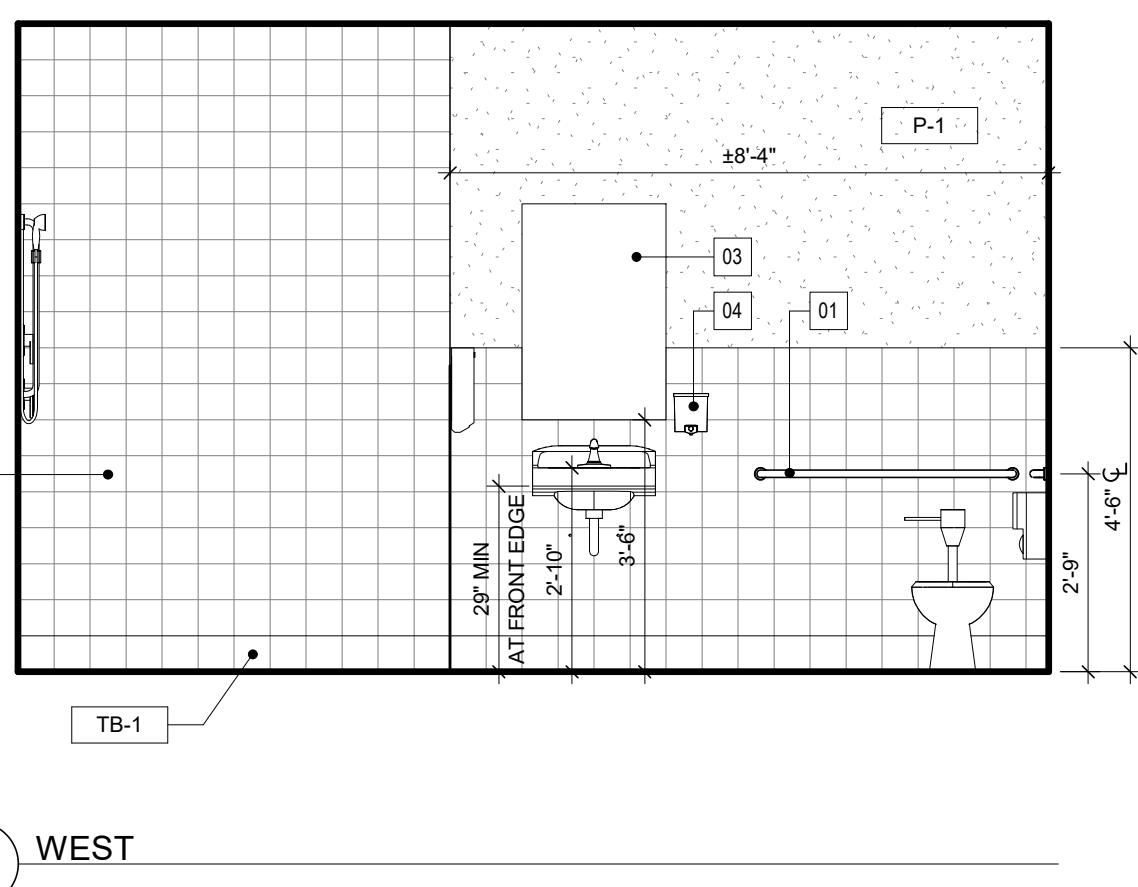
STANISLAUS COUNTY  
BUILDING PERMIT SERVICES

**A701**

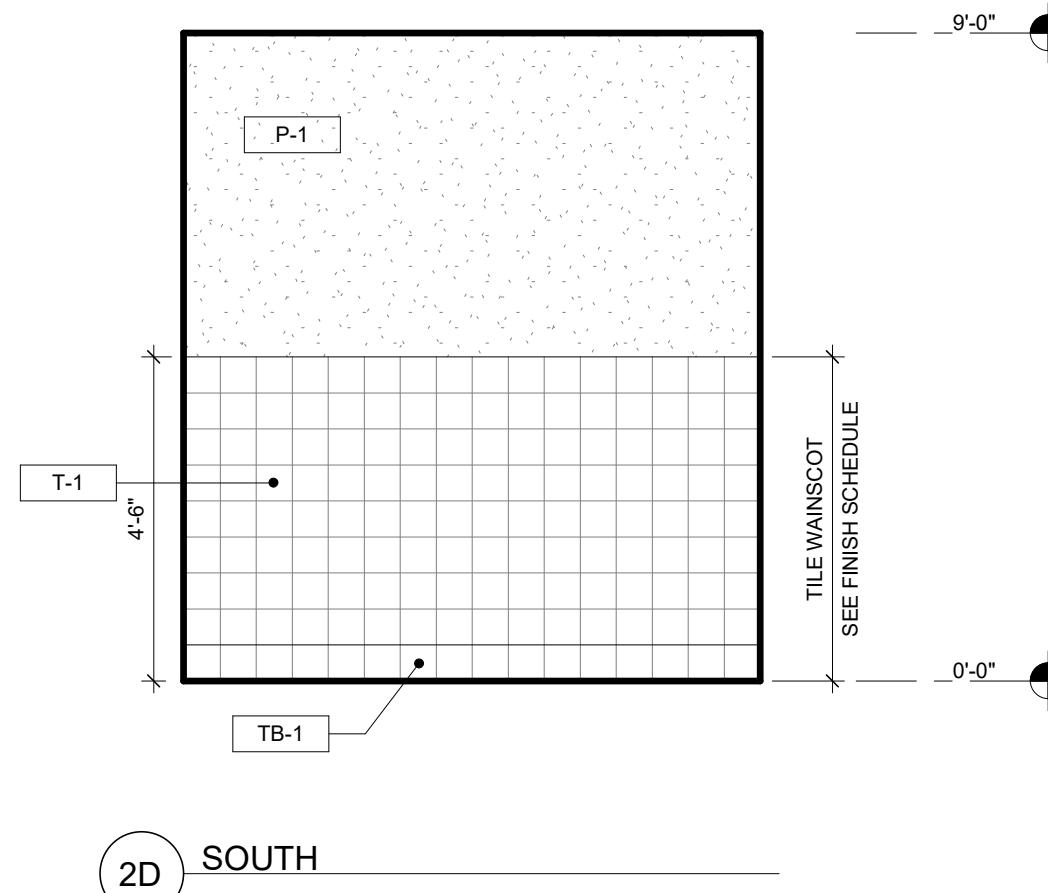
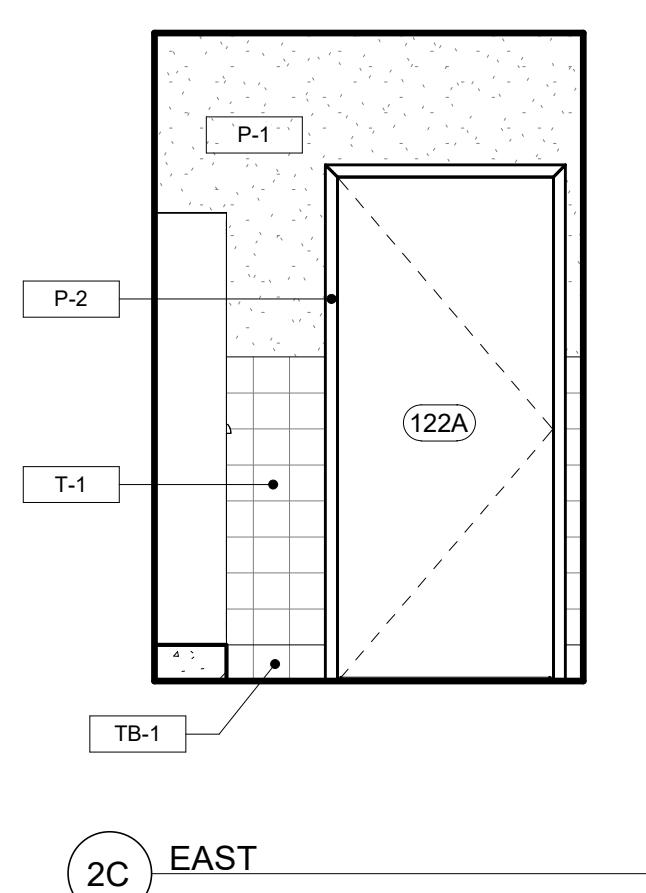
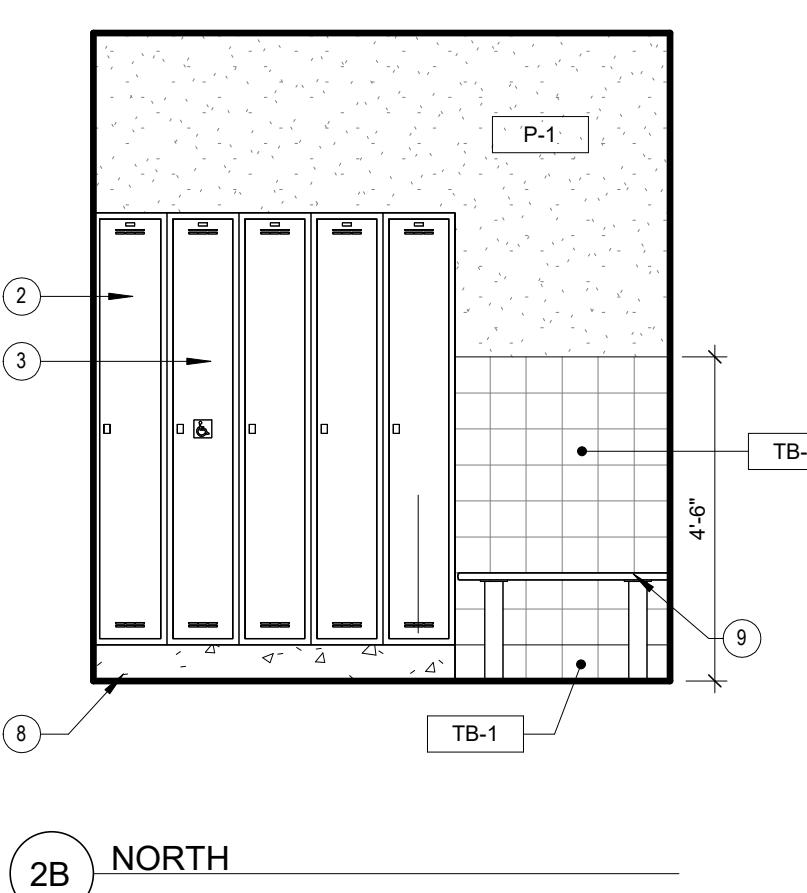
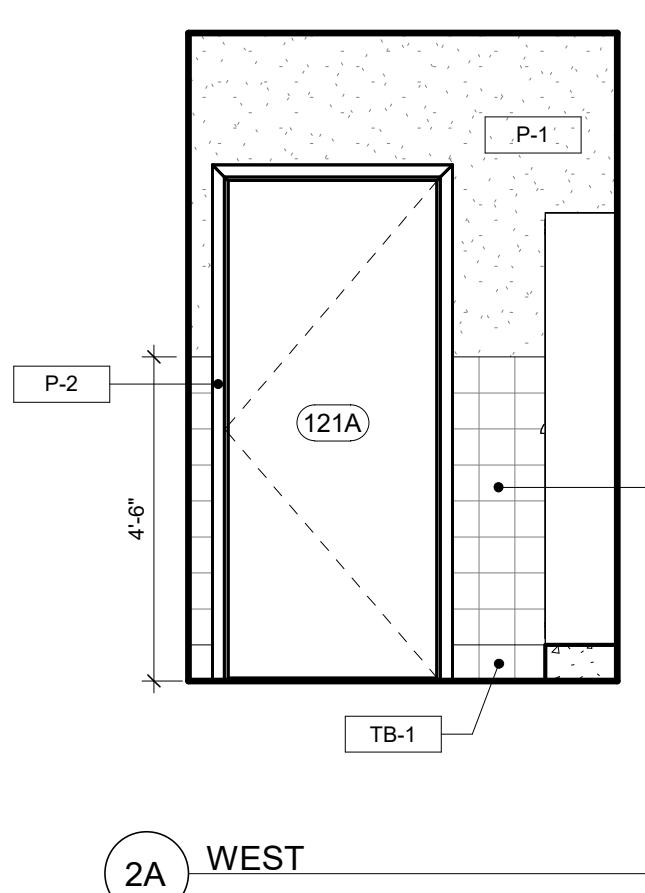


## KEYNOTES

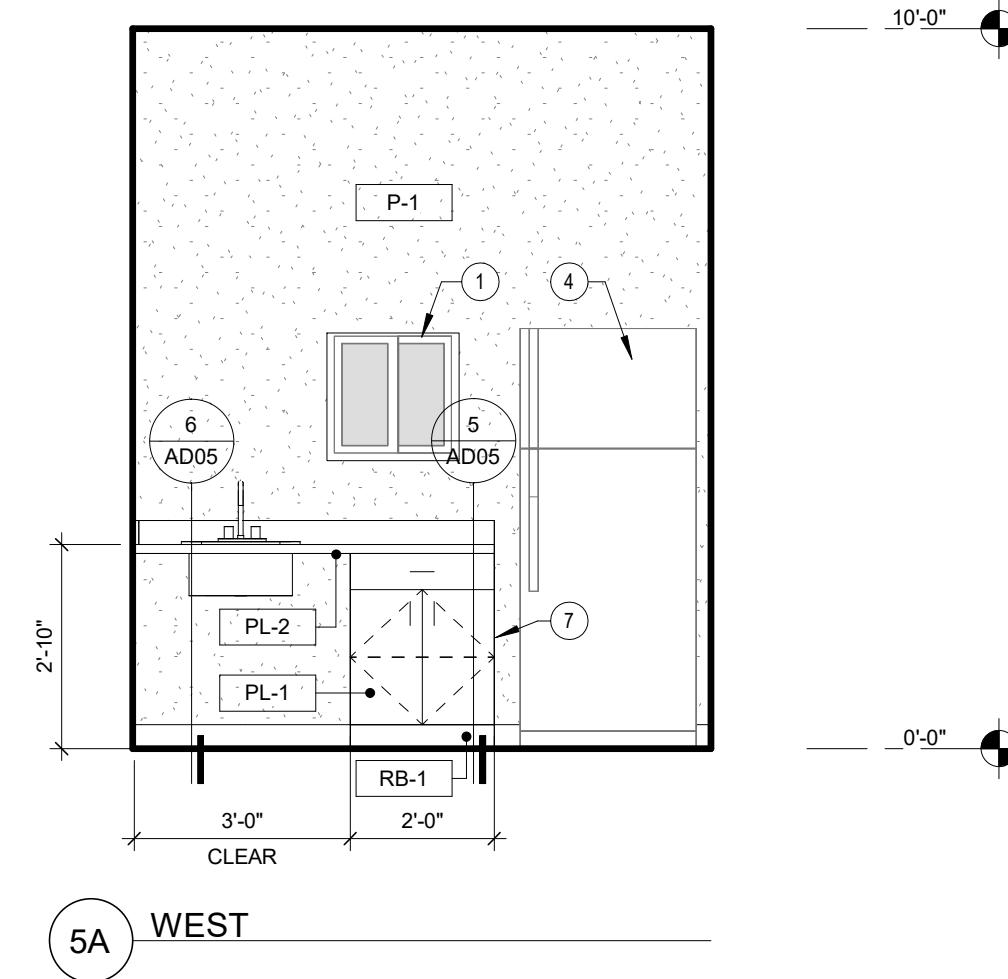
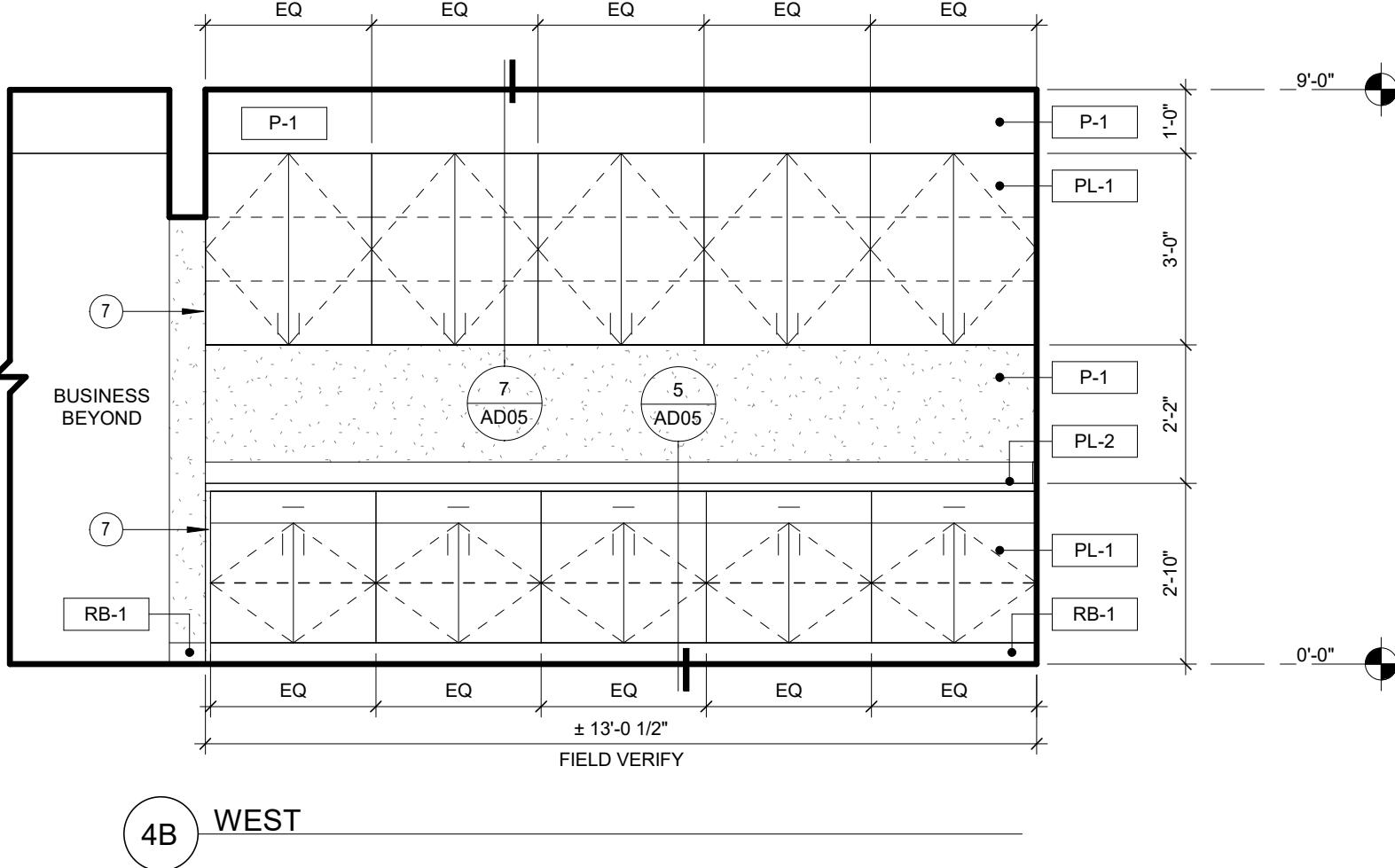
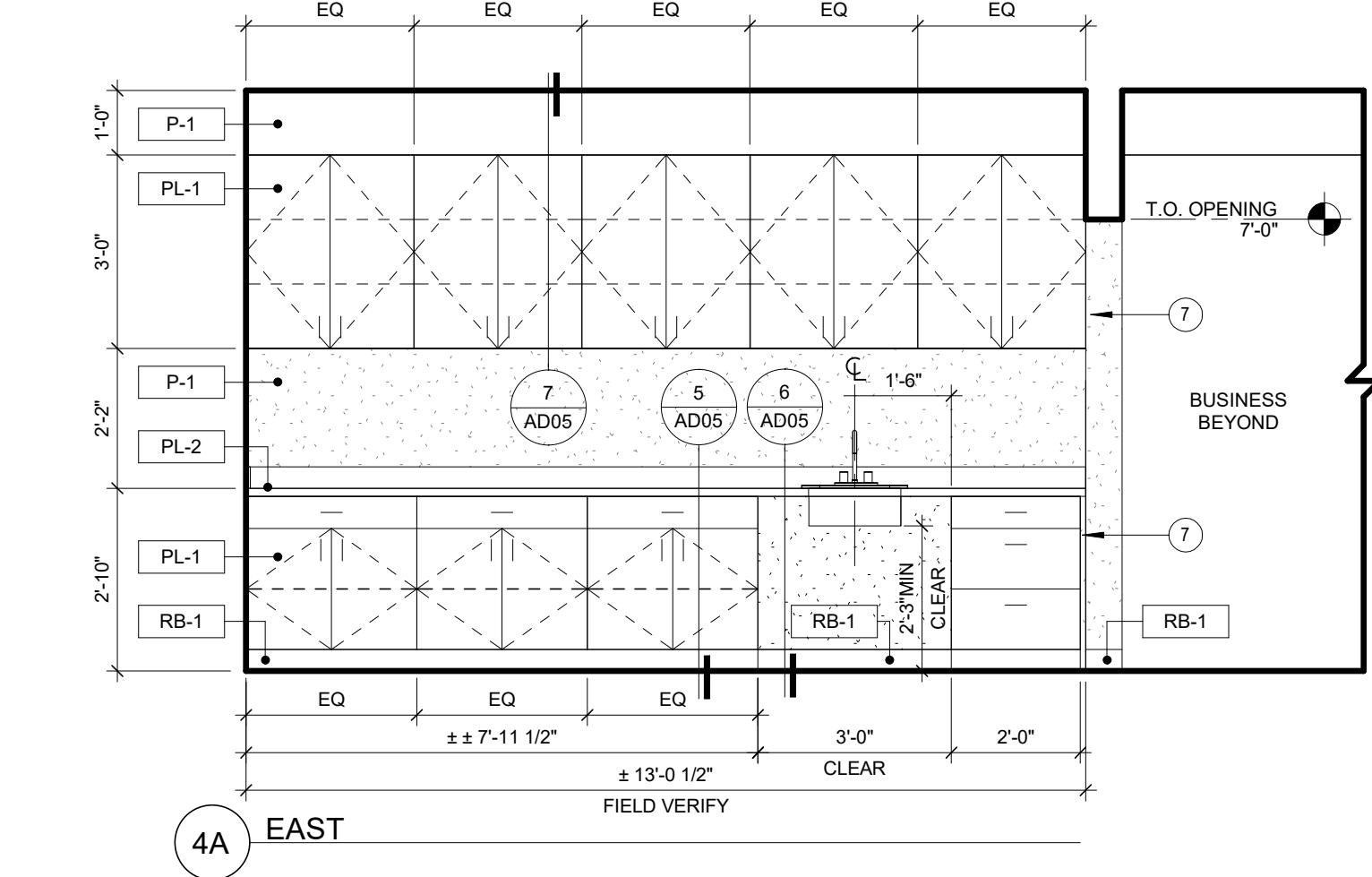
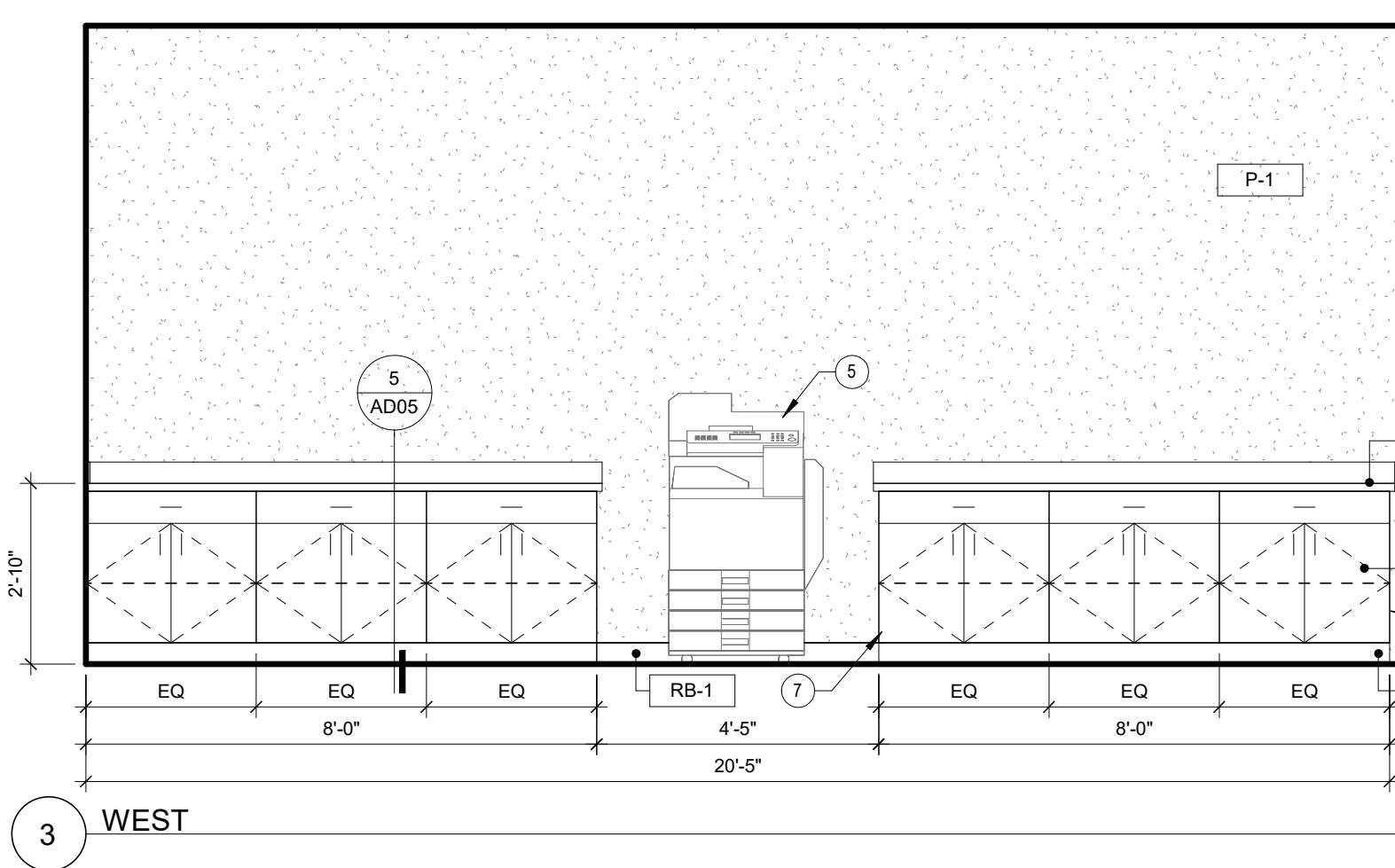
- EXISTING EXTERIOR WINDOW TO REMAIN
- TYPICAL LOCKERS PROVIDED BY OWNER
- ACCESSIBLE LOCKER WITH ADJUSTABLE SHELVING AND RECESSED HANDLE THAT SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST
- REFRIGERATOR PROVIDED BY OWNER - SEE PLUMBING DRAWINGS FOR WATER LINES
- COPIER PROVIDED BY OWNER
- SHOWER WAND AND CONTROLS - SEE PLUMBING DRAWINGS
- FINISH EXPOSED ENDS OF CASEWORK TO MATCH
- 6" CONCRETE PAD - COORDINATE DEPTH WITH OWNER'S LOCKER SELECTION - SEE STRUCTURAL DRAWINGS
- SALSBURY WOOD LOCKER BENCH MODEL 77783 (36" W x 18" H x 1 1/2" D) PROVIDED AND INSTALLED BY G.C.



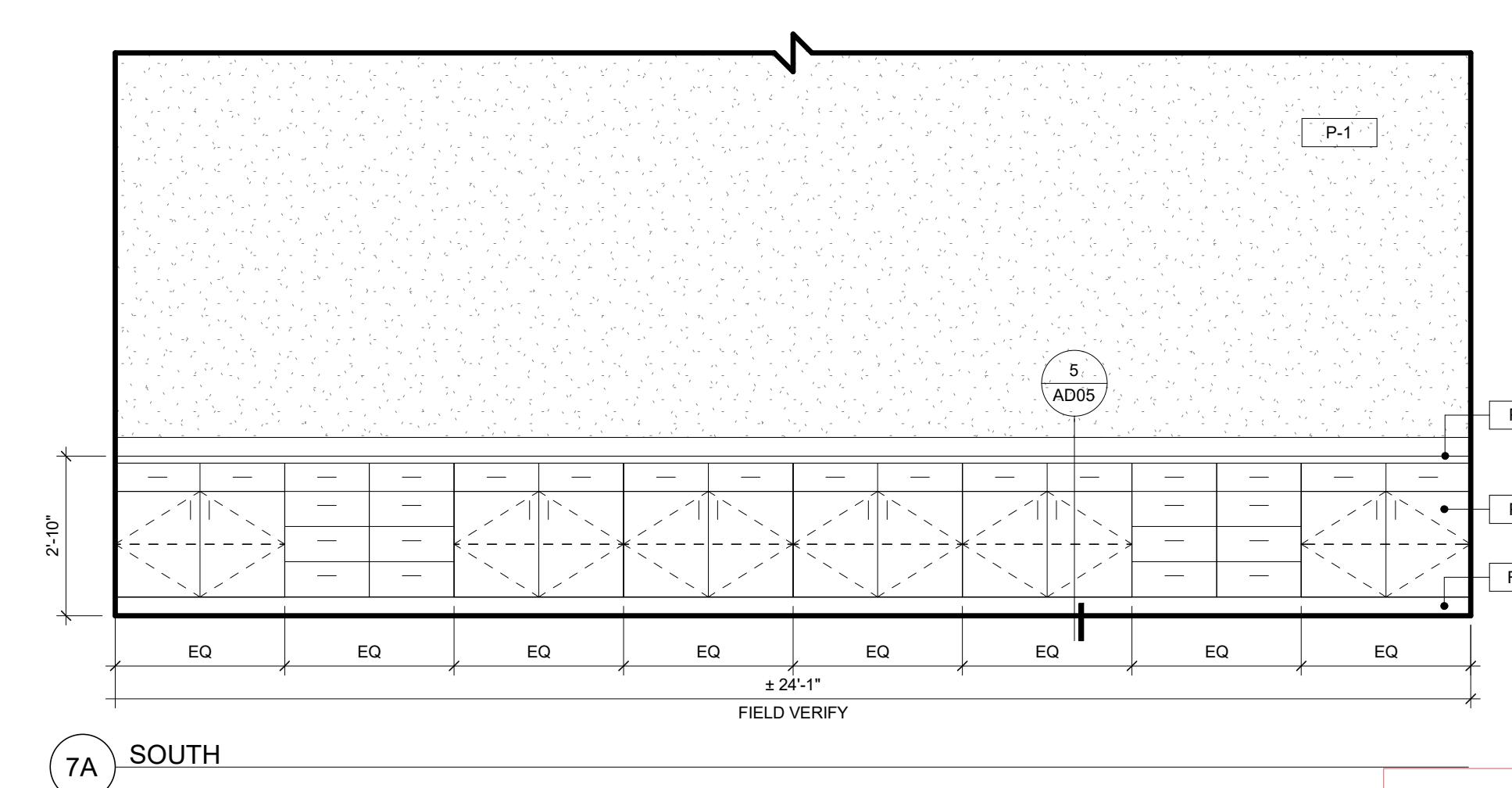
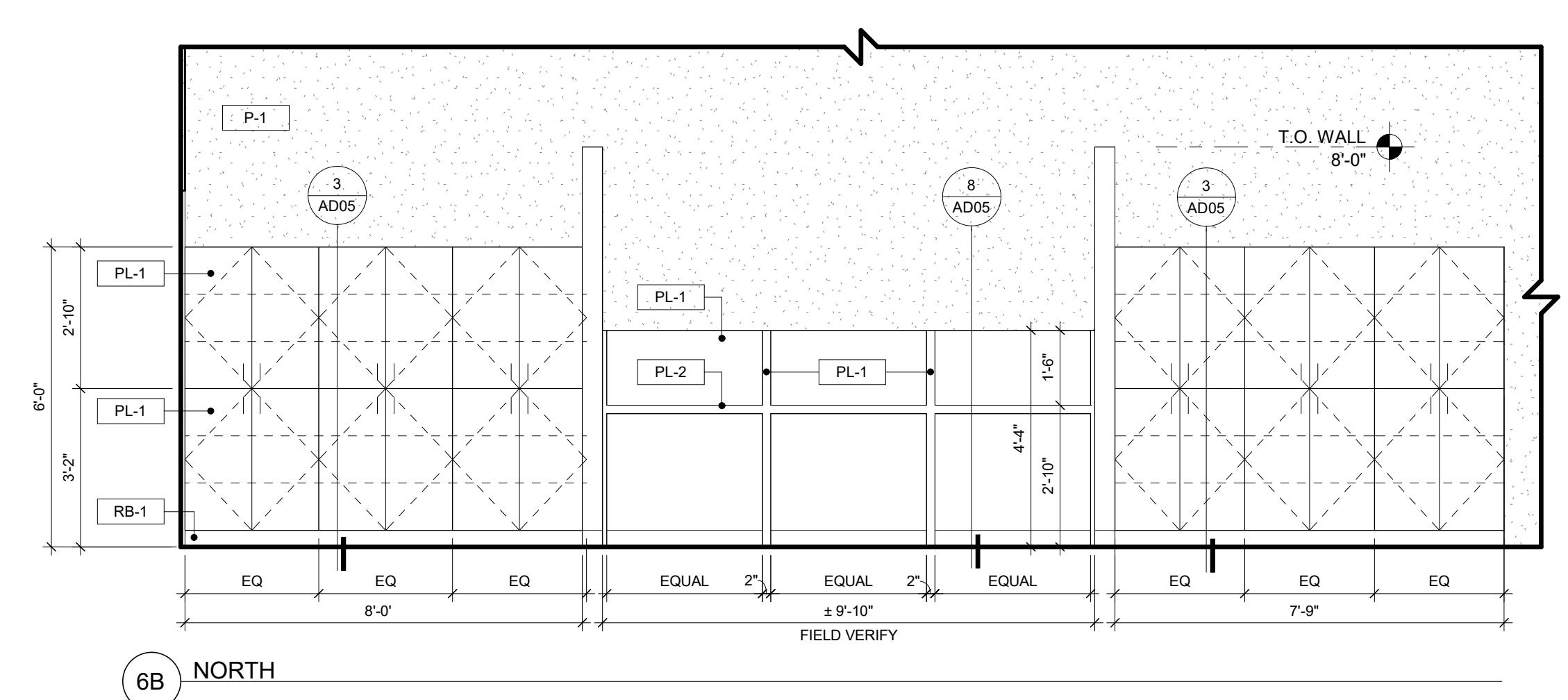
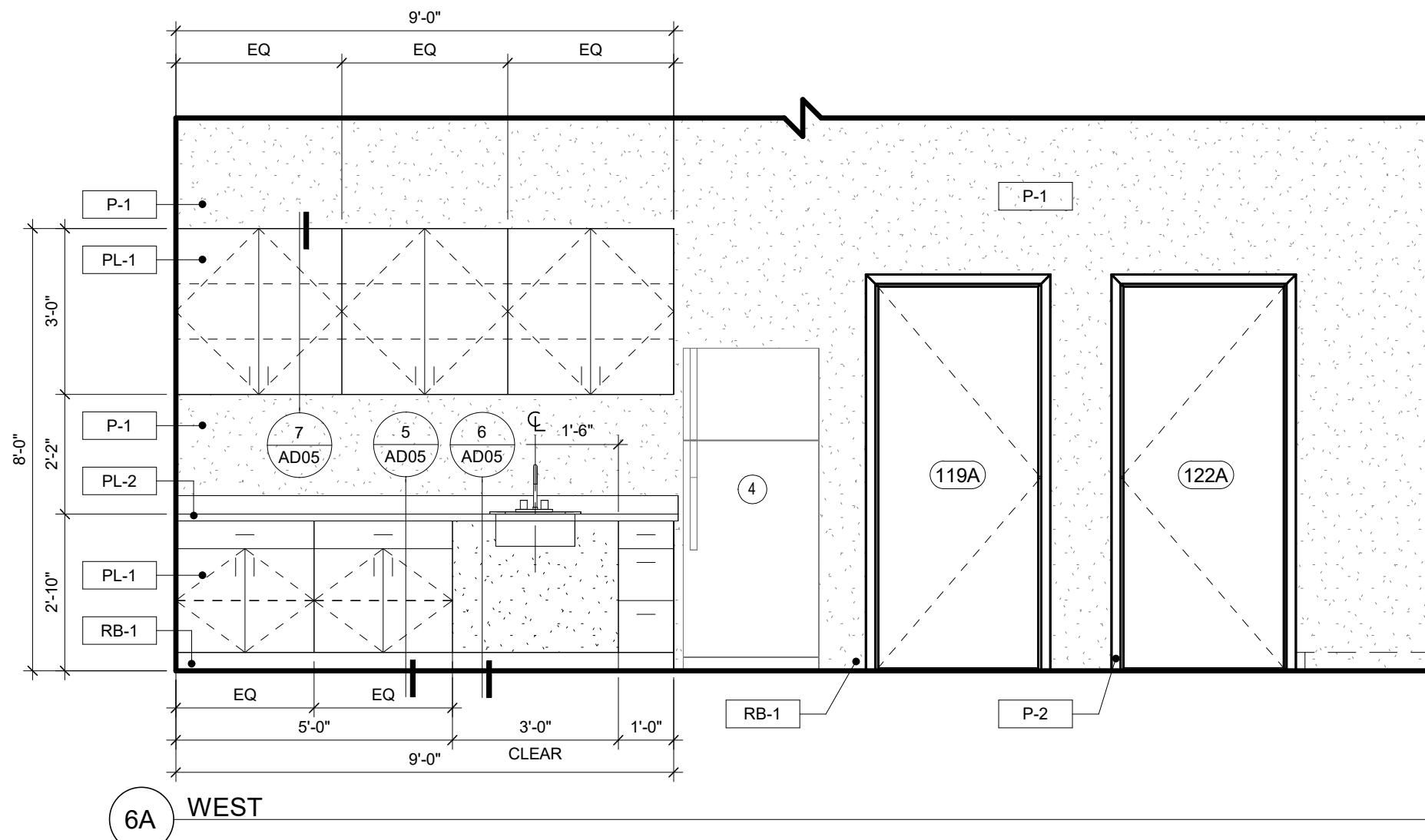
### ① ROOM 121 - WOMEN'S SHOWER - INTERIOR ELEVATIONS



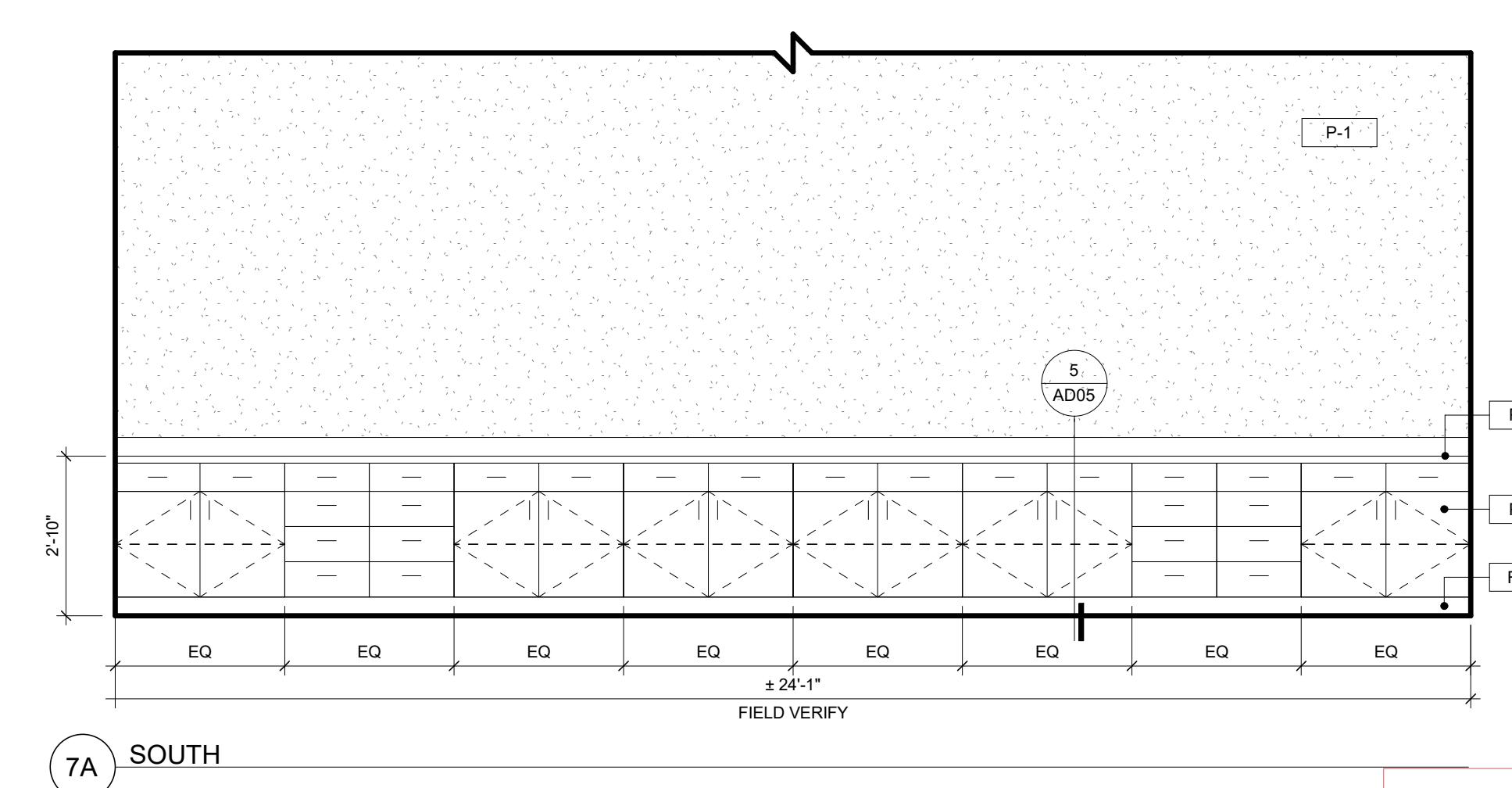
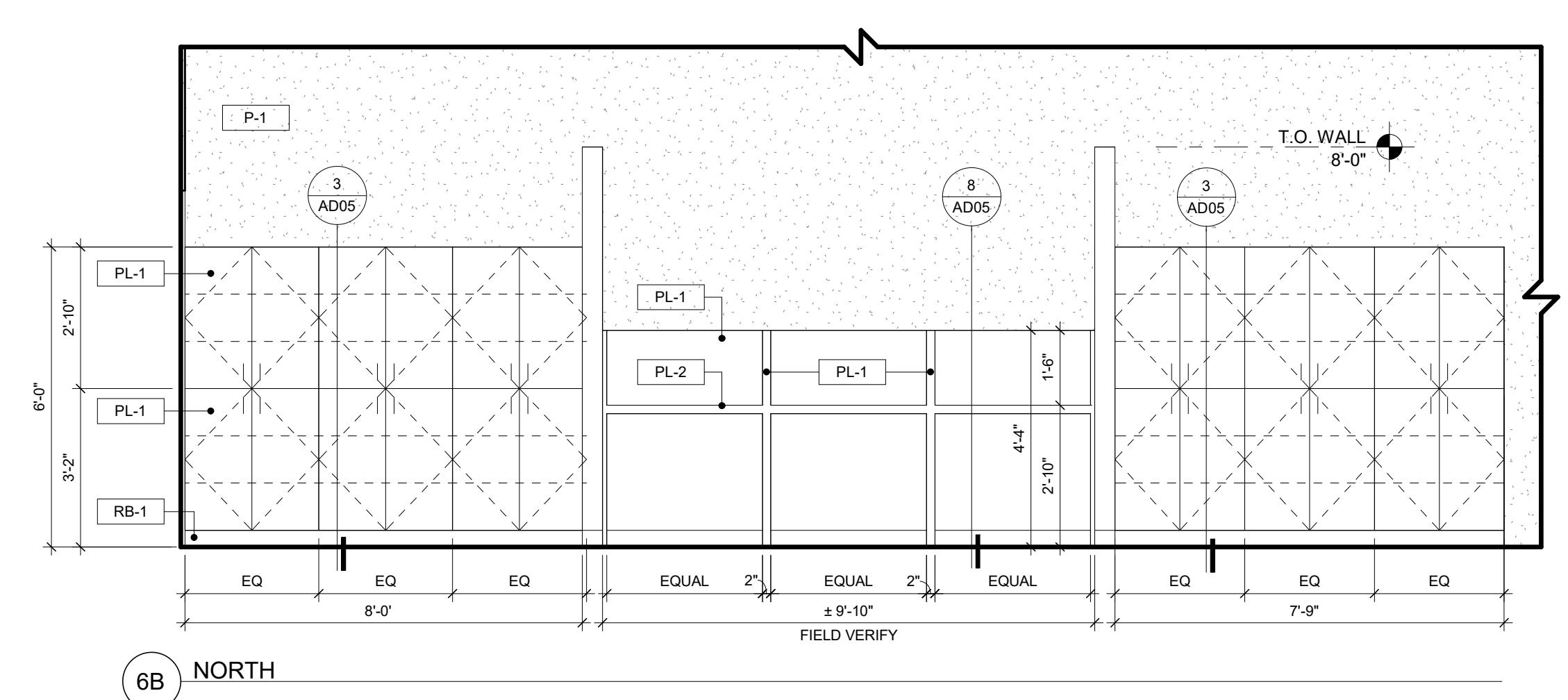
### ② ROOM 122 - WOMEN'S LOCKER - INTERIOR ELEVATIONS



### ③ ROOM 101 - HALLWAY - INTERIOR ELEVATIONS



### ④ ROOM 113 - SUPPLY - INTERIOR ELEVATIONS



### ⑥ ROOM 118 - BUSINESS - INTERIOR ELEVATIONS

IF THIS SHEET IS NOT 30" x 42", IT HAS BEEN RESIZED - DO NOT SCALE

0 1/4" 1/2" 1" 2"

### ⑦ ROOM 114 - BUSINESS - INTERIOR ELEVATIONS

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STANISLAUS COUNTY  
BUILDING PERMIT SERVICES

**CITY OF CERES WATER DIVISION**

1921 ROCKEFELLER DR.

CERES, CA 95307

PROJECT DETAILS  
RED PROJECT NO: 22044  
SUBMITTAL DATE: 1/26/2024

PROJECT REVISIONS  
DATE DESCRIPTION

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CHECKED BY: DP  
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SHEET TITLE  
INTERIOR ELEVATIONS

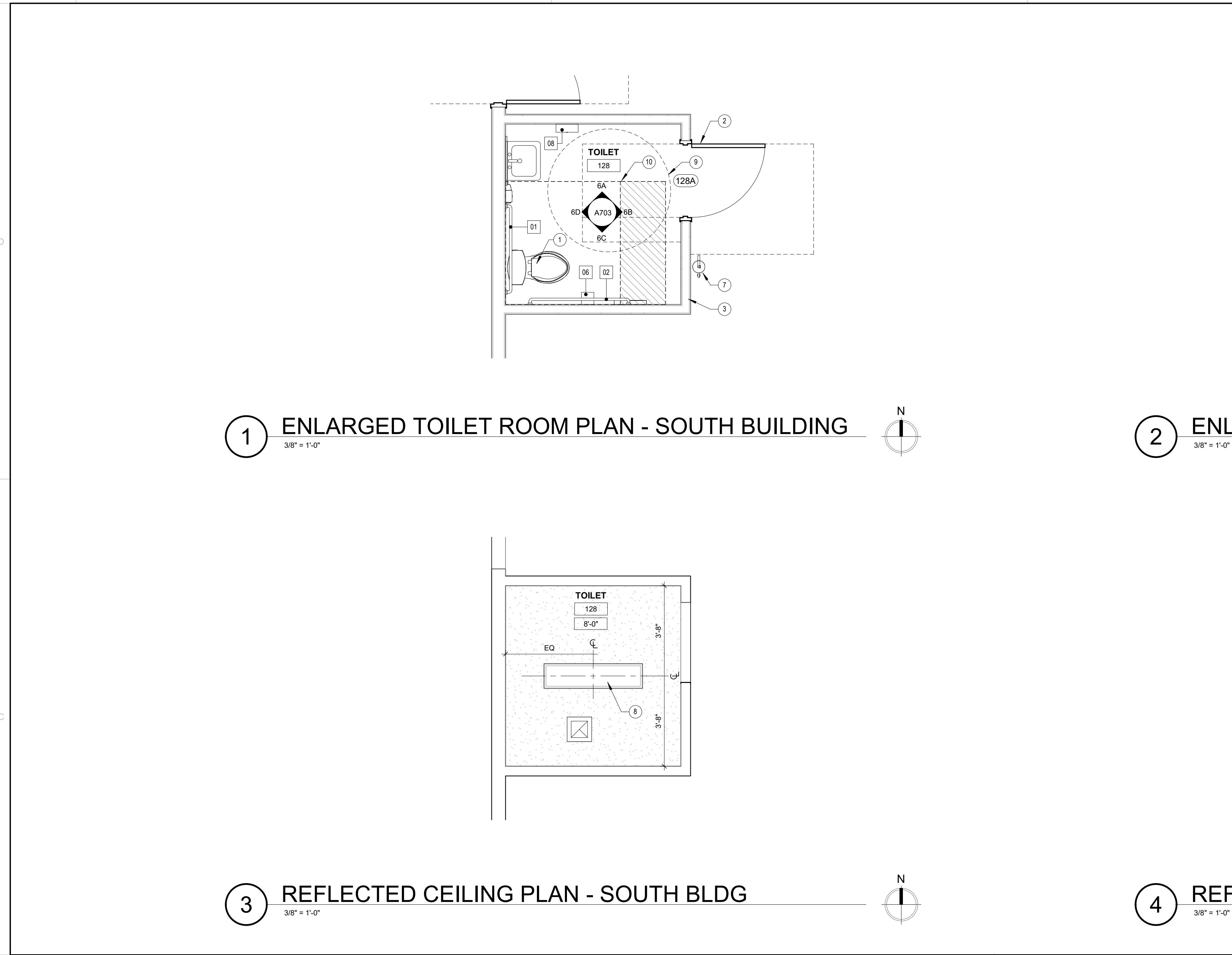
SHEET NUMBER

**A702**



CITY OF CERES WATER DIVISION

1921 ROCKEFELLER DR.  
CERES, CA 953307



KEYNOTES			
1	TOILET FIXTURES - SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION		
2	SALVAGED DOOR AND HARDWARE - SEE DOOR SCHEDULE		
3	PATCH AND REPAIR WALLS AND PREP FOR NEW PAINT FINISH		
4	TANKLESS WATER HEATER - SEE PLUMBING DRAWINGS		
5	EXISTING WALL BASE TO REMAIN - TYPICAL		
6	EXISTING FURRED WALL - PATCH AND REPAIR AND PREP FOR NEW FINISHES		
7	TANKLESS WATER HEATER - SEE PLUMBING DRAWINGS		
8	WALL-MOUNTED FIRE EXTINGUISHER - T.O. EXTINGUISHER AT 48" MAX AFF		
9	LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS		
10	60" Ø CIRCLE, ADA CLEARANCE		
	WATER CLOSET CLEARANCES - 59" MIN. - SIDE DOOR SWING		

#### TOILET ACCESSORY SCHEDULE

DESCRIPTION	MANUFACTURER	MODEL NO.	MOUNTING HEIGHT
01 REAR GRAB BAR 36"	BOBRICK	B-5806.99	33" MIN TO 36" MAX T.O. BAR
02 SIDE GRAB BAR 48"	BOBRICK	B-5806.99	33" MIN TO 36" MAX T.O. BAR
03 24"X36" MIRROR	BOBRICK		40" MAX. TO BOTTOM
04 SOAP DISPENSER	BOBRICK	B-40	40" MAX. TO PUSH VALVE
05 TOILET SEAT COVER DISPENSER	BOBRICK	B-221	40" MAX. TO COVER SLOT
06 TOILET TISSUE DISPENSER	BOBRICK	B-2688	19" MIN. TO TISSUE SLOT
07 SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	40" MAX. TO B.O. LID
08 PAPER TOWEL DISPENSER	BOBRICK	B-262	PR MFR. INSTRUCTIONS
09 URINAL SCREEN	BOBRICK	B-1085	40" MAX. TO BOTTOM

NOTE: SEE SHEET AD01 FOR LOCATIONS AND CLEARANCE REQUIREMENTS FOR RESTROOM FIXTURES AND ACCESSORIES

#### WALL LEGEND

	EXISTING INTERIOR 2X6 WALL
	EXISTING METAL PANELS
	EXISTING INTERIOR X-FURRED WALL - REMOVE EXISTING FINISH AS NEEDED TO INST. X-FURRED INSULATION BETWEEN ALL STUDS AND IN ANY GAPS BETWEEN NEW AND EXISTING FURRED WALLS - PROVIDE 5/8" GYPSUM BOARD FINISH WITH MATCHING TEXTURE AND FINISH
	3-6/8"X18 GA. AT 16" O.C. METAL STUD NON-RATED PARTITION W/ 5/8" GYP. BD. EACH SIDE FROM FLOOR TO 6' (MIN.) ABOVE CEILING - FILL CAVITY W/ ACOUSTIC INSULATION - TYP. U.N.O.
	6-1/8" GA. AT 16" O.C. METAL STUD NON-RATED PARTITION W/ 5/8" GYP. BD. EACH SIDE FROM FLOOR TO 6' (MIN.) ABOVE CEILING - FILL CAVITY W/ ACOUSTIC INSULATION - TYP. U.N.O.
	METAL PANEL INFILL
	NEW 2X6 FURRED WALL - PROVIDE R-19 BATT INSULATION BETWEEN ALL STUDS AND IN ANY GAPS BETWEEN NEW AND EXISTING FURRED WALLS - MATCH ADJACENT TEXTURE AND FINISH

#### CEILING LEGEND

	CEILING HEIGHT TAG
	FRAMED GYPSUM BOARD CEILING - SEE DETAIL 2/AD06 AND STRUCTURAL DRAWINGS
	1X4 CEILING LIGHT LINEAR BOX - SEE ELECTRICAL DRAWINGS
	EXHAUST FAN - SEE MECHANICAL DRAWINGS
	SUPPLY REGISTER - SEE MECHANICAL DRAWINGS
	RETURN REGISTER - SEE MECHANICAL DRAWINGS

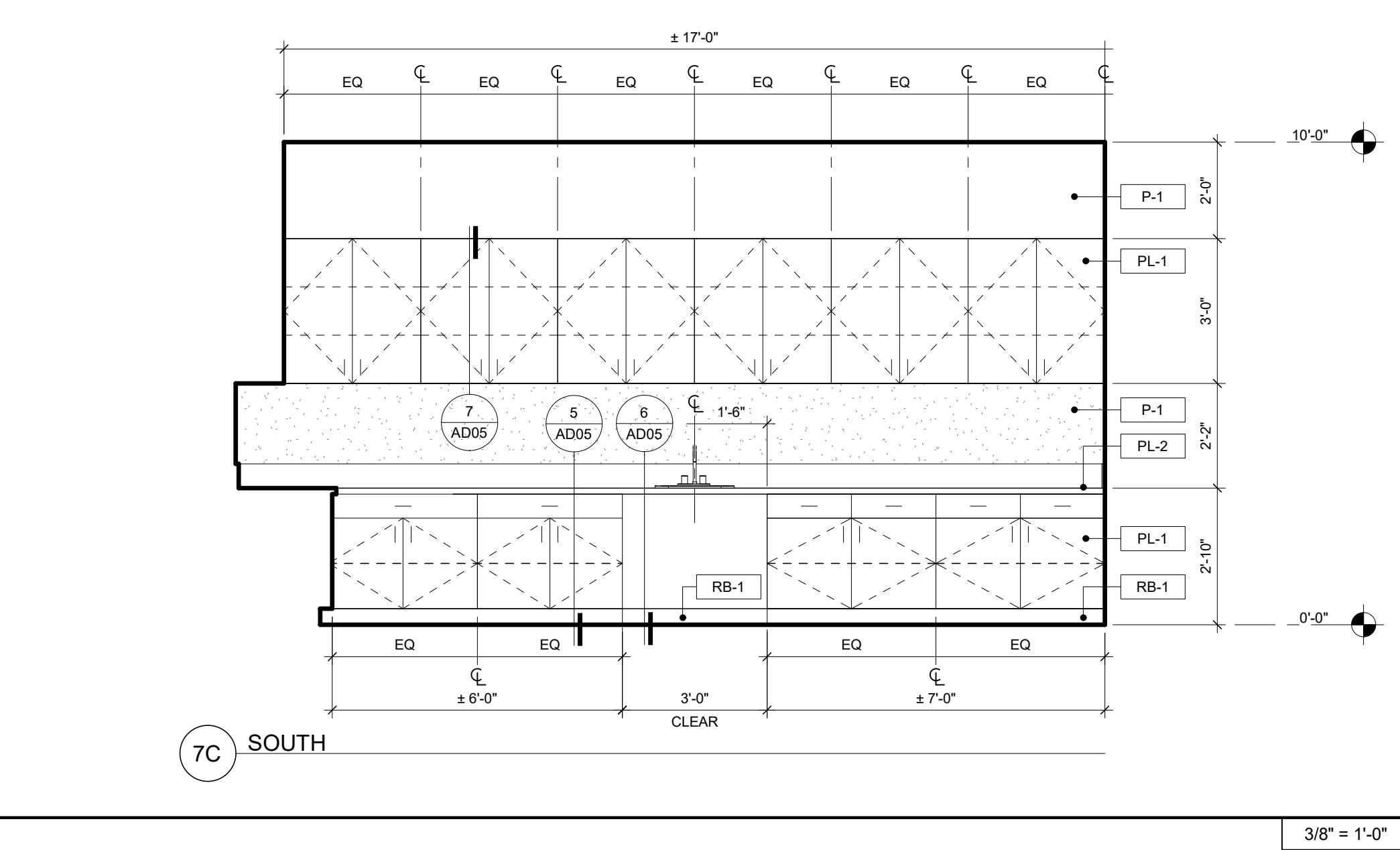
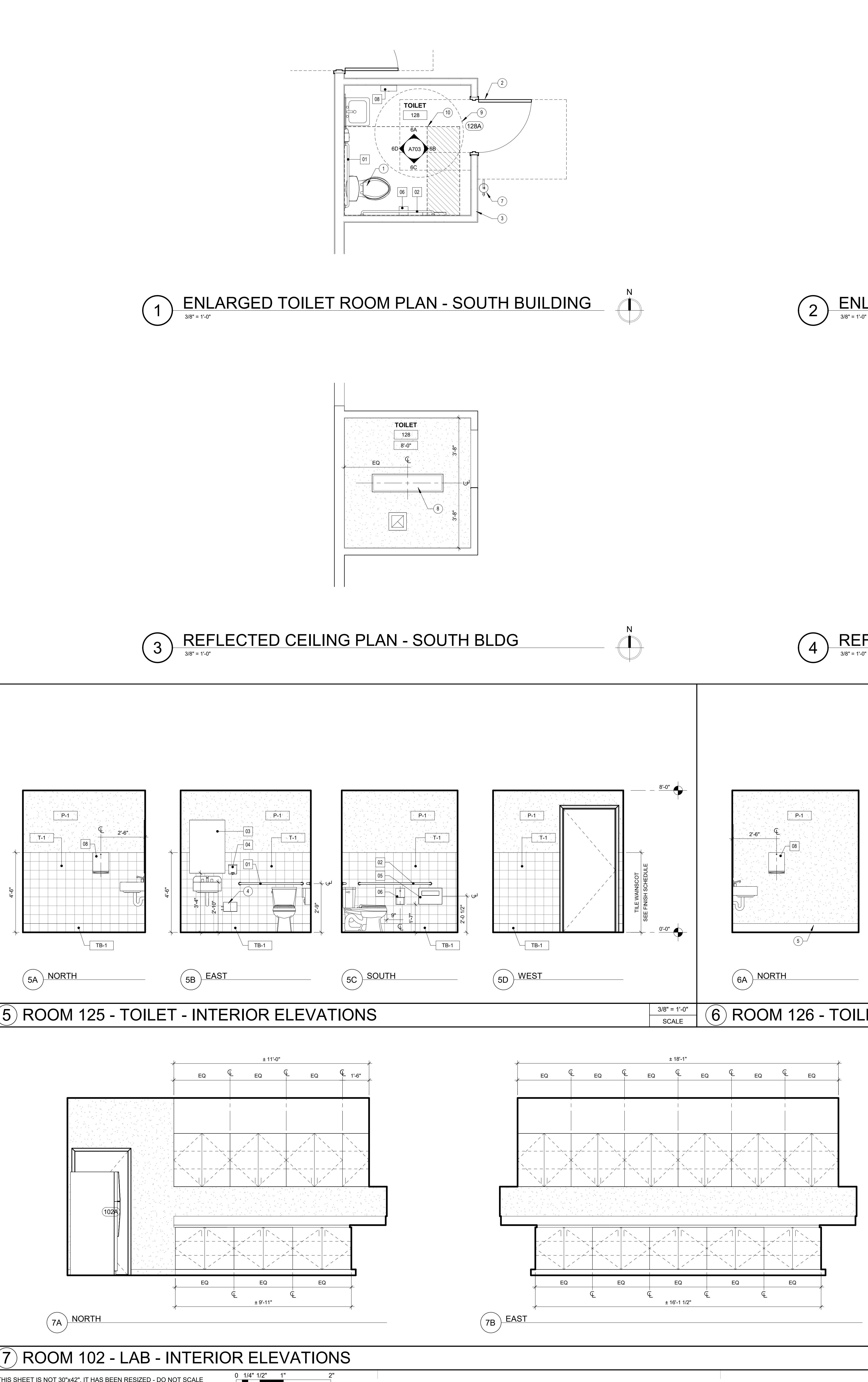
#### Fixture Placement

	CENTER FIXTURE IN SPACE CENTER THE FIXTURE IN SPACE IDENTIFIED BY DIAGONAL LINE
	ALIGN FIXTURES ALIGN FIXTURES ALONG CENTERLINE SHOWN
	CENTER OVER CENTER FIXTURE OVER CENTERLINE OF ADJACENT CONSTRUCTION

PROJECT DETAILS	
RED PROJECT NO:	22044
SUBMITTAL DATE:	
DATE:	1/26/2024
DESCRIPTION:	

PROJECT REVISIONS	
DATE:	
DESCRIPTION:	
DATE:	
DESCRIPTION:	

SHEET DETAILS	
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SHEET TITLE:	ENLARGED PLANS AND INTERIOR ELEVATIONS
SHEET NUMBER:	




**JOB COPY**  
STANISLAUS COUNTY  
BUILDING PERMIT SERVICES

**A703**











**CITY OF CERES WATER DIVISION**

1921 ROCKEFELLER DR.  
CERES, CA 953307

PROJECT DETAILS  
RED PROJECT NO: 22044  
SUBMITTAL DATE: 1/26/2024

PROJECT REVISIONS

DATE DESCRIPTION

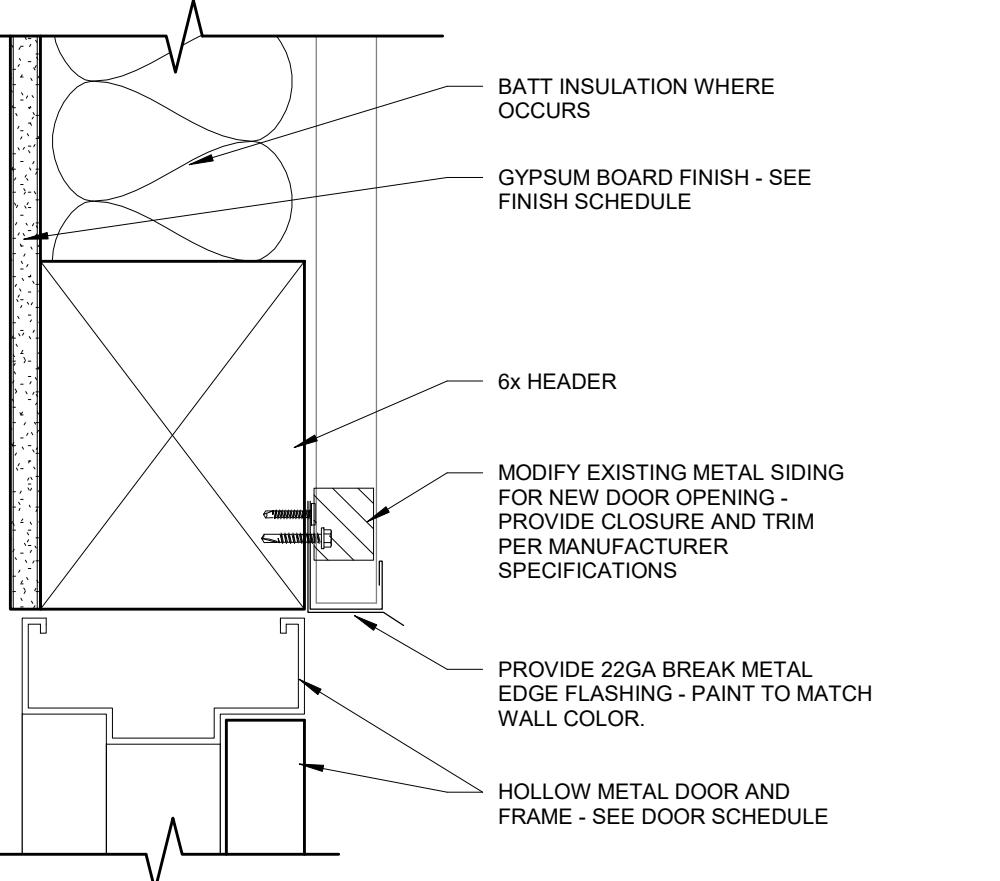
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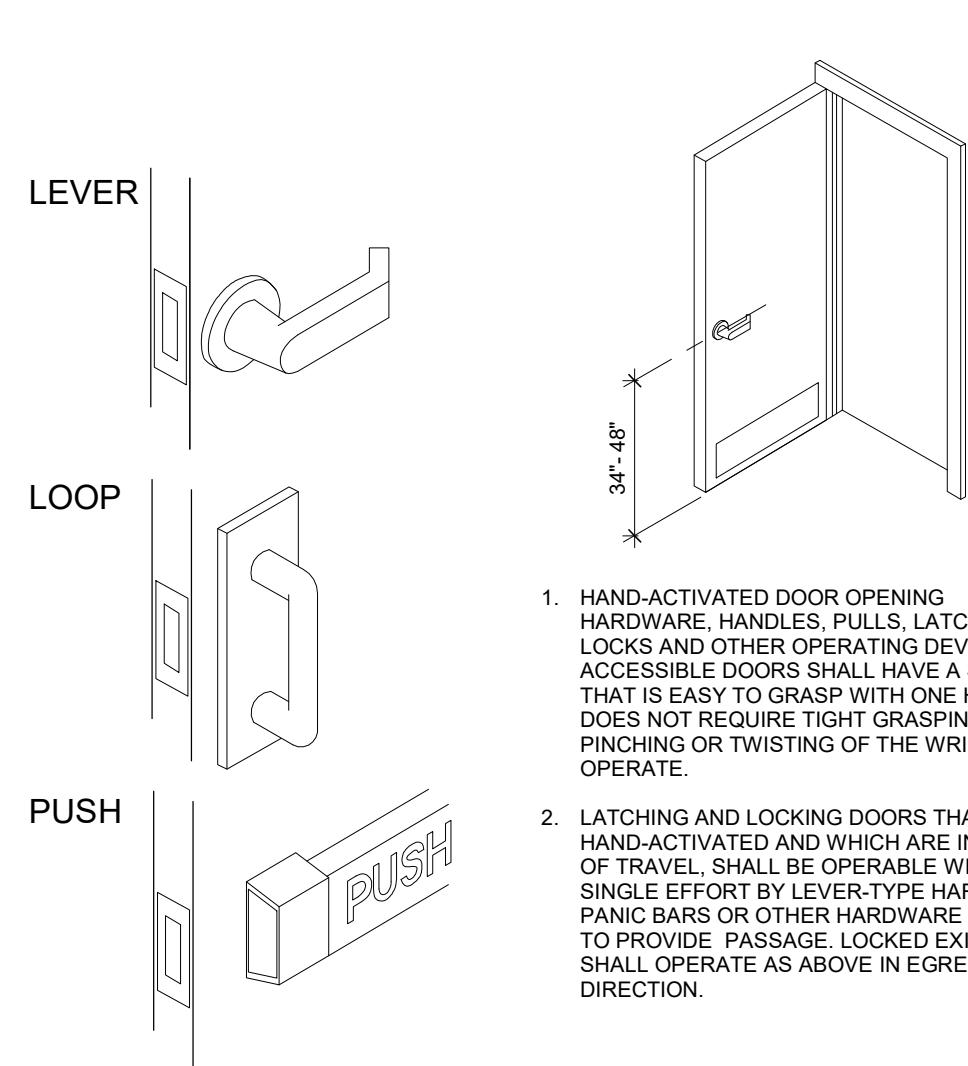
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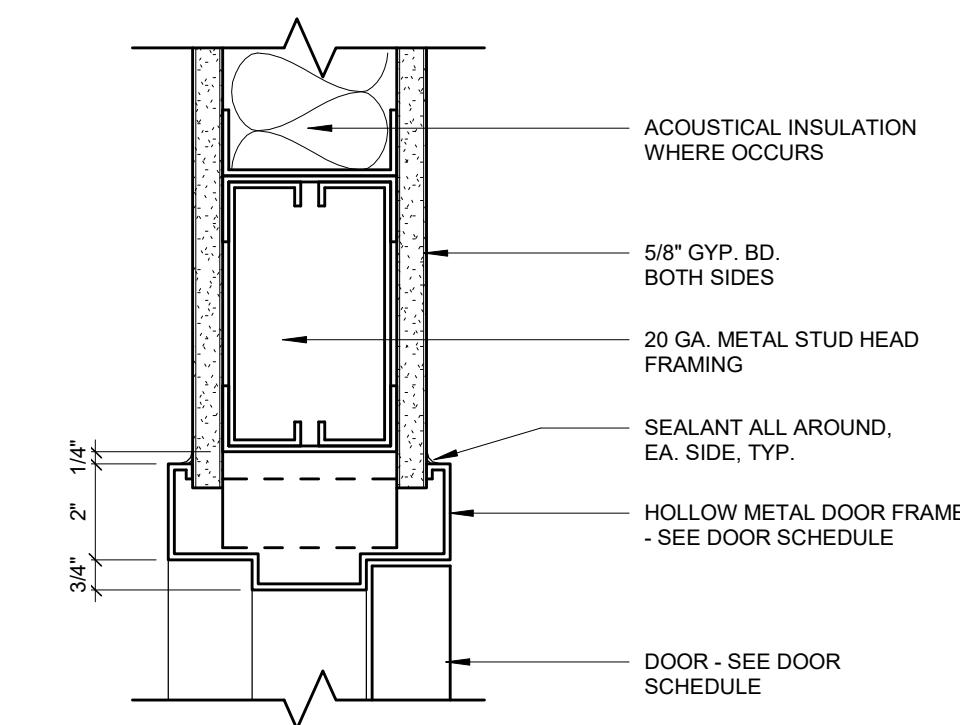
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STANISLAUS COUNTY  
BUILDING PERMIT SERVICES



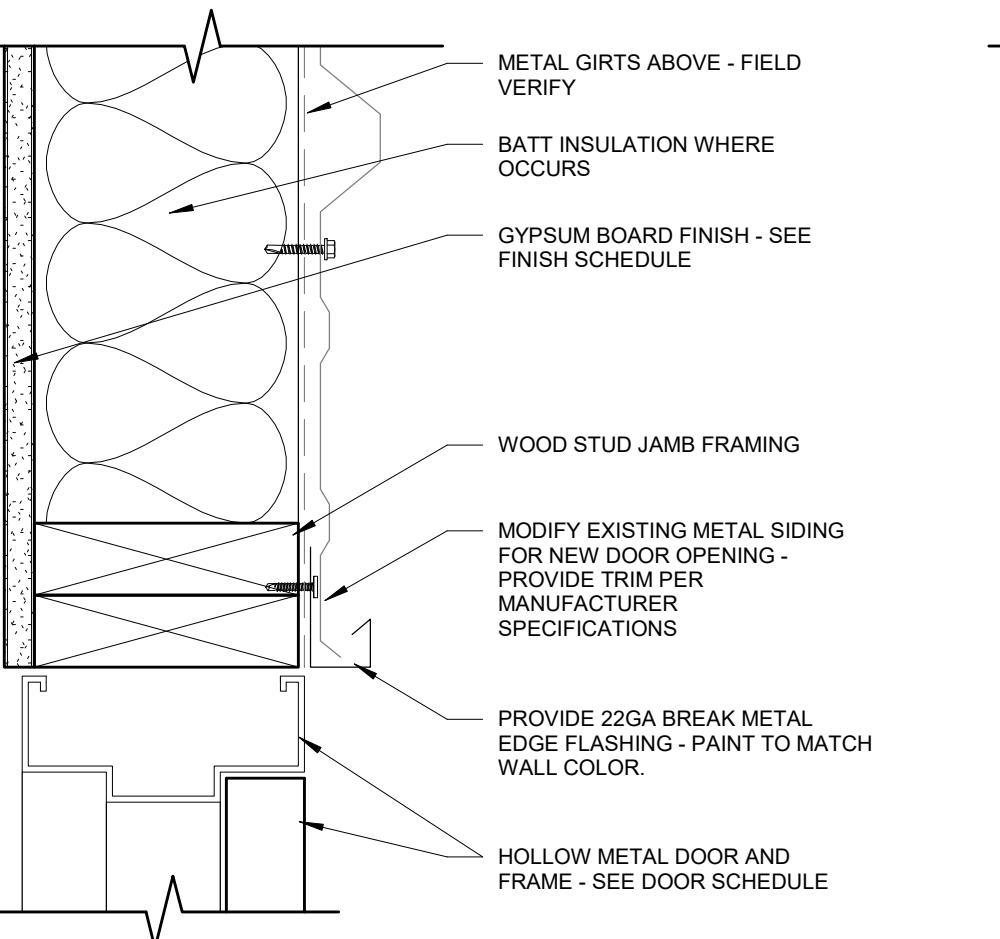
**9** DOOR HEAD AT SIDING  
3' = 1'-0"



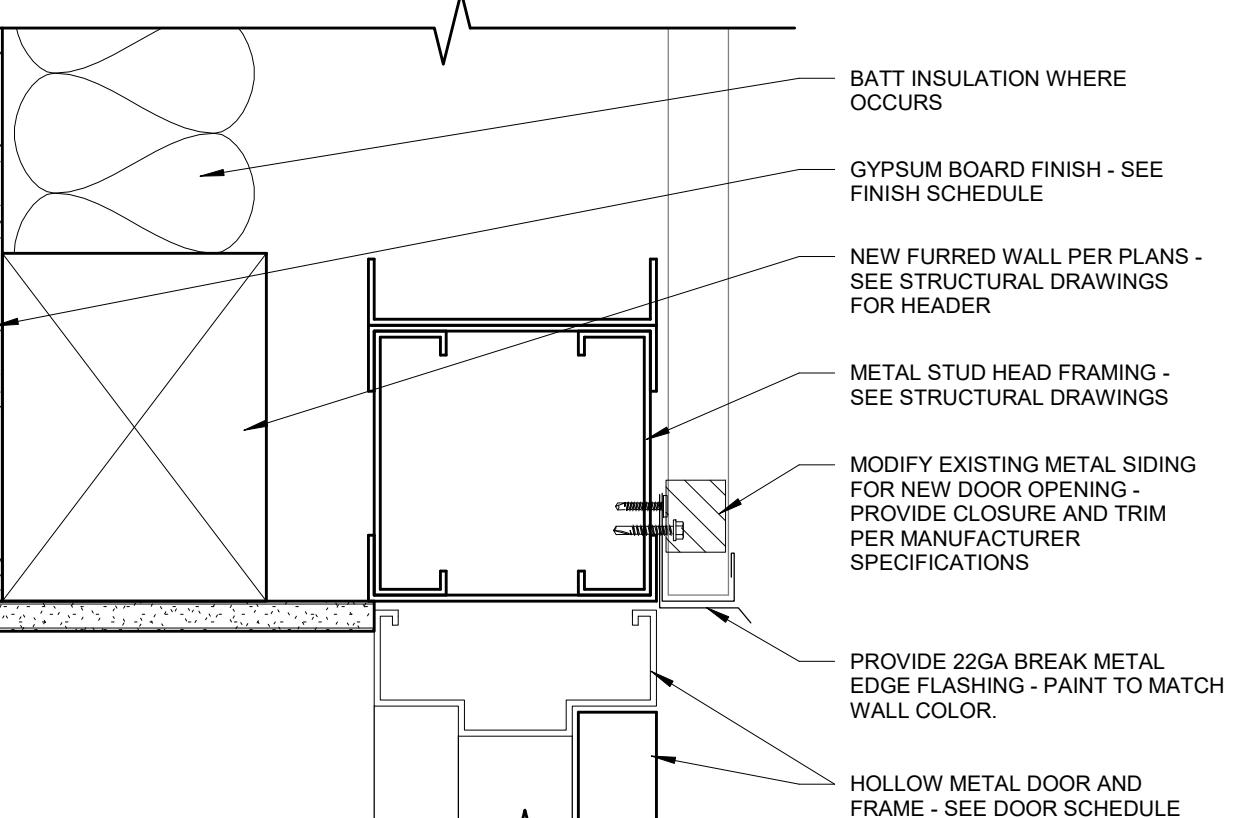
**5** DOOR HARDWARE  
1' = 1'-0"



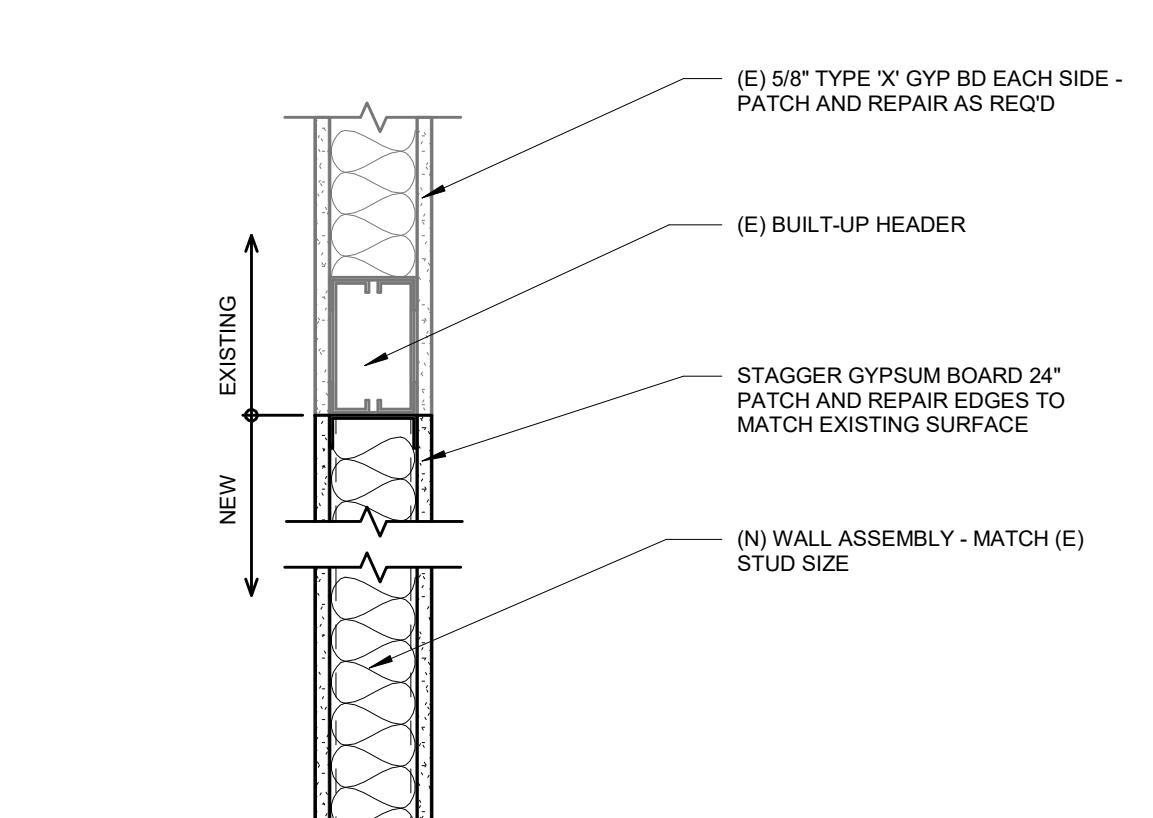
**1** DOOR HEAD  
3' = 1'-0"



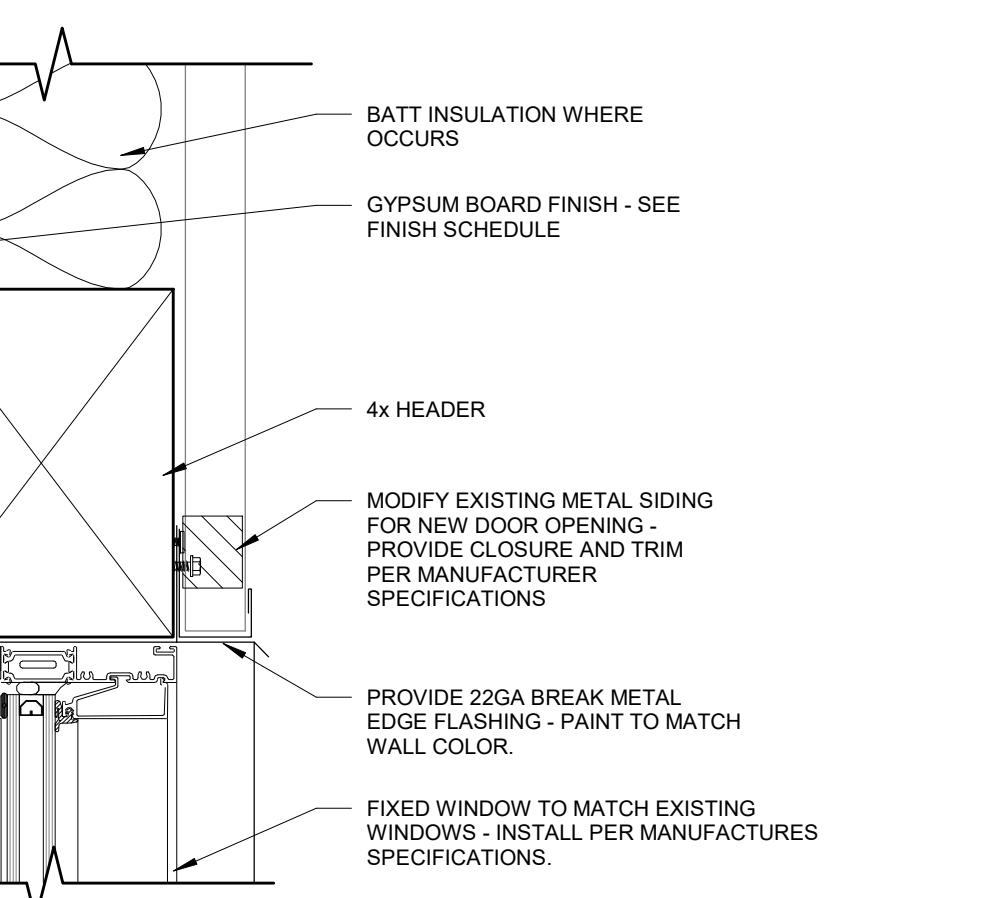
**10** DOOR JAMB AT SIDING  
3' = 1'-0"



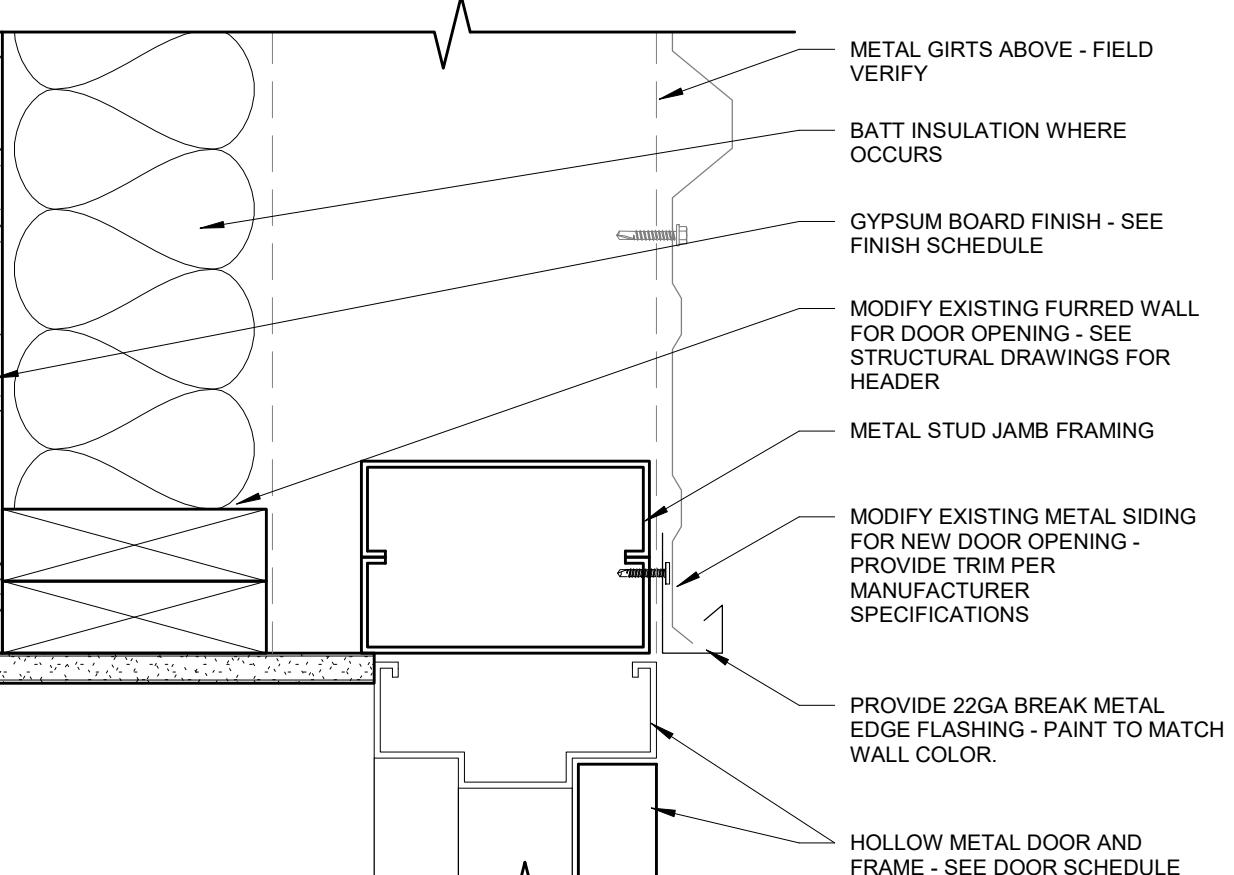
**6** DOOR HEAD AT SIDING  
3' = 1'-0"



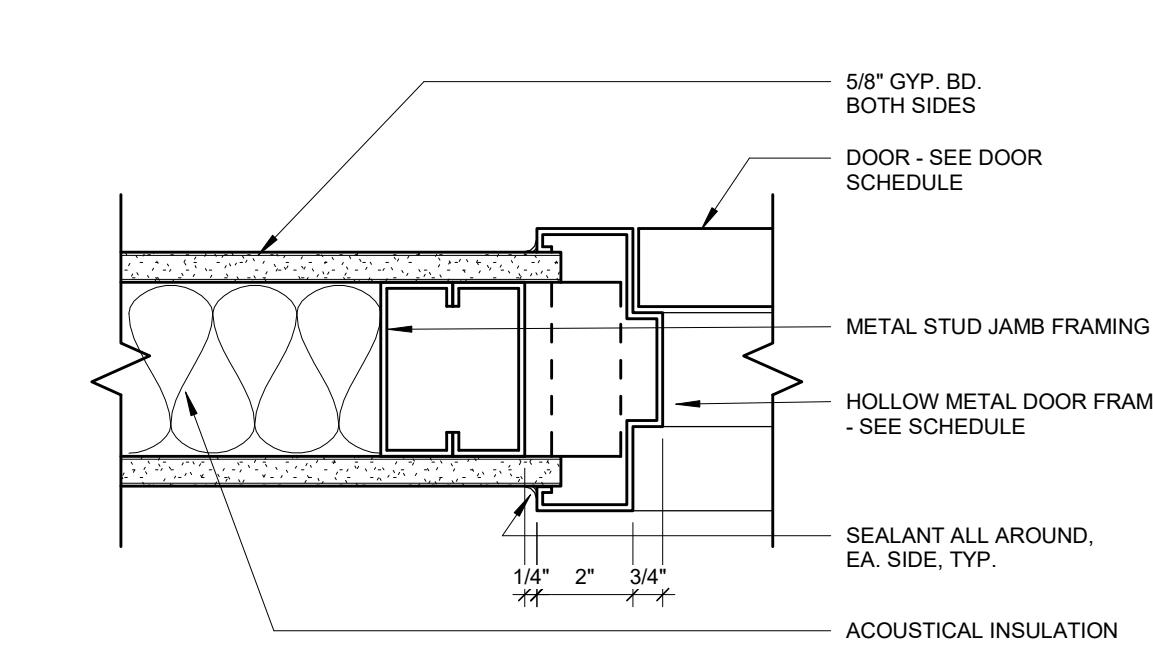
**2** OPENING INFILL  
1 1/2" = 1'-0"



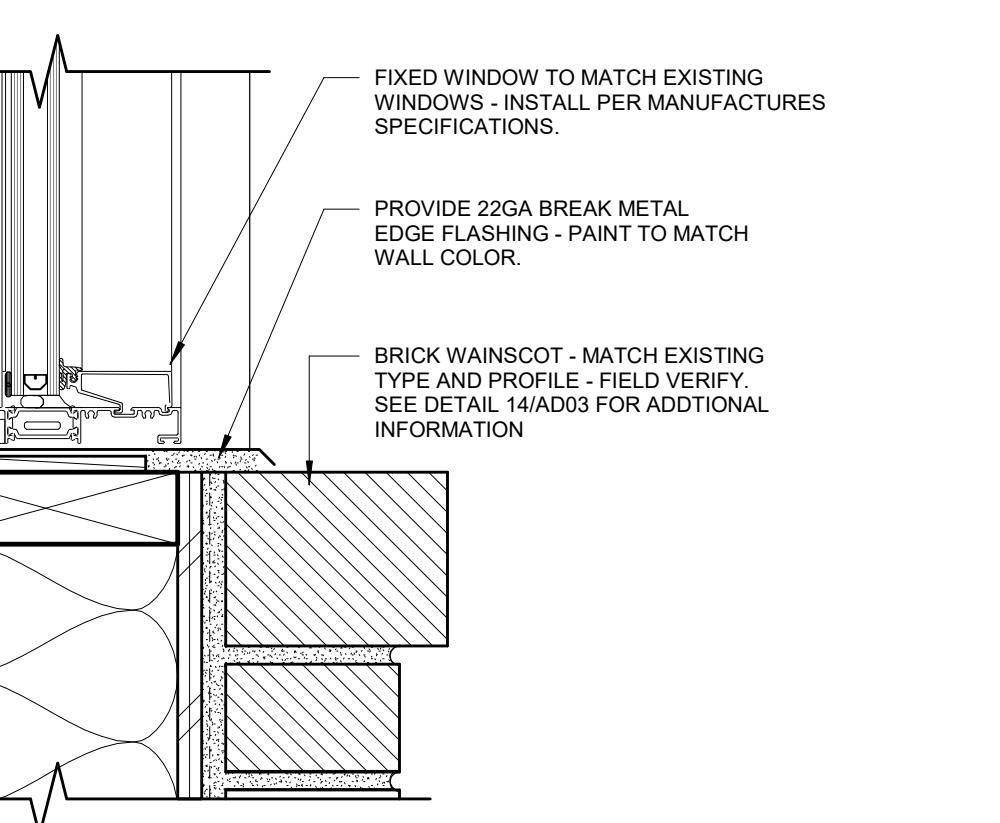
**11** WINDOW HEAD AT SIDING  
3' = 1'-0"



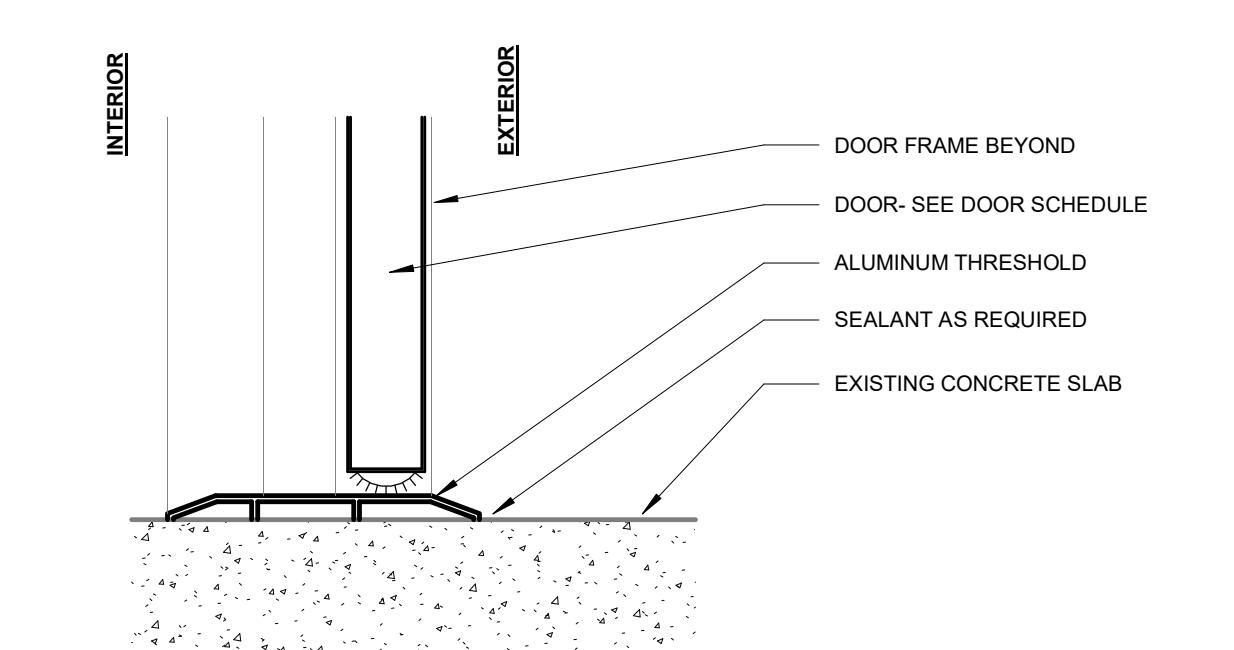
**7** DOOR JAMB AT SIDING  
3' = 1'-0"



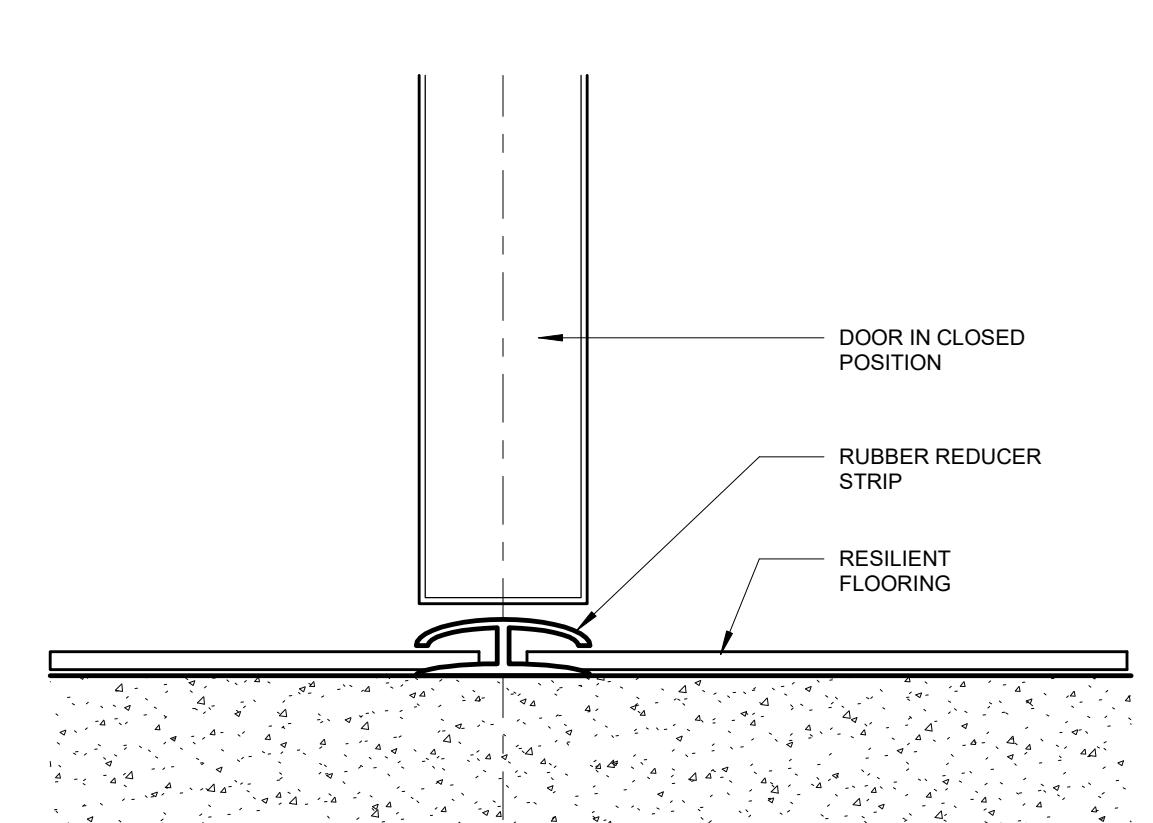
**3** DOOR JAMB  
3' = 1'-0"



**12** BRICK WAINSCOT AT INFILL  
3' = 1'-0"



**8** EXTERIOR DOOR THRESHOLD  
3' = 1'-0"



**4** DOOR THRESHOLD  
6' = 1'-0"

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STANISLAUS COUNTY  
BUILDING PERMIT SERVICES

SEE ELEVATIONS

8"

3"

1'-0" MIN

2 1/2"

SLOPED PANEL

9 AD05

SIM

5 MM BORED HOLES @ 32 MM CENTERS TYP.

ADJUSTABLE SHELVES THROUGHOUT. SHELVES SHALL BE 3/4" MELAMINE COVERED MDF. BOARD

WIRE PULLS TYP.

9 AD05

7

**UPPER CASEWORK**

1 1/2" = 1'-0"

This technical diagram illustrates the construction of a kitchen cabinet end panel. The assembly includes a vertical wall base, a vertical end panel, a horizontal back panel, and a horizontal countertop. The end panel is secured to the wall base and back panel using A&M hardware metal brackets. The back panel is made of a matching laminate. The countertop is also made of a matching laminate and is supported by the back panel. The diagram shows the placement of hardware and the need for structural backing. Arrows point from the text labels to the corresponding parts of the assembly.

- END PANEL BEYOND - MATCH LAMINATE PL-1
- BACK PANEL TO MATCH COUNTERTOP
- COUNTERTOP - MATCH LAMINATE PL-1
- END PANEL BEYOND - MATCH LAMINATE PL-1
- A&M HARDWARE METAL BRACKET AT ENDS AND 32" O.C. MAX.
- #12x2" F.H.S.
- PROVIDE BACKING PER STRUCTURAL DETAILS OR DETAIL 1/AD3
- EXISTING WOOD STUD FRAMING - FIELD VERIFY
- WALL BASE TO MATCH ROOM WALL BASE

# 8 DESK WORK COUNTER

---

The diagram illustrates a cross-section of a wall assembly. A vertical 1x4 stud is positioned on the left, secured to a concrete wall with three horizontal fasteners, each marked with an 'X'. To the right of the stud is a horizontal 1x4 beam. The beam is supported by a vertical 1x4 stud and is secured to the concrete wall with a series of 12" on center (O.C.) holes, each containing a grommet and washer. The top and bottom of the beam are labeled as typical. A dimension line at the top indicates a total width of 12".

#12x3" F.H. S.T.S. W/ GROMMET  
WASHERS AT 12" O.C. - TYPICAL  
TOP & BOTTOM OF CABINET

1x4 TYPICAL, U.O.N.

# 9 UPPER ANCHORAGE

---

This technical drawing illustrates the assembly of a kitchen cabinet end panel. The panel is shown in a cross-sectional view, revealing its internal structure. The top part of the panel is labeled 'BACK PANEL TO MATCH COUNTERTOP'. Below it is a 'COUNTERTOP - MATCH LAMINATE PL-1'. The main body of the panel is labeled 'END PANEL BEYOND - MATCH LAMINATE PL-1'. At the bottom, 'A&M HARDWARE METAL BRACKET AT ENDS AND 32" O.C. MAX.' is shown, secured with '#12x2" F.H.S.' hardware. The panel is supported by 'WALL BASE TO MATCH' at the bottom. The drawing is annotated with callouts and a circled reference code '8 AD05' in the top left corner.

# DESK WORK COUNTER

Technical cross-section diagram of a cabinet assembly. The cabinet is 24" wide and 84" high. The diagram shows three shelves. The top shelf is labeled "2 AD05". The middle shelf is labeled "1 AD05". The bottom shelf is labeled "AD05". The diagram includes callouts for:

- Provide backing per structural details or detail 1/AD3.
- Typical top and bottom anchorage to adjacent cabinet w/ 5mm screw & sleeve @ sides in bored holes front & back, top & bottom.
- 5mm bored holes @ 32mm centers, typ.
- Continuous plastic laminate shelf ledge, typ.
- Adjustable shelves, plastic laminate over 3/4" MDF bd. typ.
- Same base finish as room.

# 4 FULL HEIGHT CASEWORK

1 1/2" = 1'-0"

2'-0"

4"

1 1/2"

2 AD05

1 AD05

4"

5 MM PVC EDGE BANDING

TYPICAL DRAWER INTERIOR SHALL BE PREFINISHED MELAMINE W/ FULL EXTENSION SLIDES

TYPICAL DOORS, DRAWERS, EXPOSED PANELS, ETC. SHALL BE HIGH PRESSURE LAMINATE COVERED 3/4" MDF. BOARD WITH MATCHING PVC EDGE BANDING

TYPICAL ADJUSTABLE SHELVES SHALL BE PLASTIC LAMINATE OVER 3/4" MDF BD. WITH MATCHING PVC EDGE BANDING

5MM BORED HOLES @ 32MM CENTERS, TYP.

TYPICAL CABINET INTERIORS SHALL BE MELAMINE (LOW PRESSURE LAMINATE COVERED 3/4" MDF BOARD W/ PVC EDGE BANDING TO MATCH EXPOSED LAMINATE CO

(2) HINGES PER DOOR UP TO 32" HIGH. PROVIDE ADDITIONAL HINGE FOR HIGHER DOORS

SAME BASE FINISH AS ROOM

**LOWER CASEWORK**

5

This technical drawing illustrates the construction details for a kitchen cabinet base. The cabinet is shown in an elevation view, featuring a vertical support column on the left and a base cabinet on the right. The cabinet height is indicated as 34" MAX TYP UNO (SEE ELEVATION). A 4" UNO dimension is shown on the left side. The base cabinet has a height of 9" MIN. The cabinet is supported by a base that includes a cut-out area measuring 30" x 17" d MIN. The base is to be finished to match the room base. The cabinet is supported by a vertical column with a height of 2'-0". A horizontal distance of 8" MIN is indicated between the cabinet and the wall. The cabinet is to be wrapped with hot water supply and waste per CBC Section 11B-606.5. The base cabinet has a depth of 27" MIN CLR. The front edge of the counter is at 29" MIN CLR. The cabinet is to be provided with backing per structural details or detail 1/AD3. A sink is to be plumbed, as indicated by the label "SINK, SEE PLUMBING DRAWINGS".

# 6 LOWER CASEWORK W/ SINK

**NOTE:**  
ALL WOOD MEMBERS IN CONTACT WITH  
CONCRETE SLAB SHALL BE PRESSURE TREATED.

#12x2 1/2" SCREW AT 12" O.C. MAX

2x4 P.T. SILL TYP. - ATTACH TO CONC. W/ 0.157" DIA. PAF @ 24" O.C.

#12x2" SCREW AT

3"

4"

# 1 CASEWORK ANCHORAGE

3" = 1'-0"

This technical drawing illustrates the construction details for a kitchen cabinet installation. It shows a cross-section of a cabinet frame and back panel being attached to a wall. The cabinet frame is labeled 'CABINET FRAME' and the back panel is labeled 'CABINET BACK'. Three screws are shown being driven into the wall, each with a washer and a grommet, with a note specifying '#12x3" F.H. S.T.S. W/ GROMMET WASHERS @ 12" O.C.'. The wall is labeled 'COUNTERTOP & BACKSPLASH SHALL BE HIGH PRESSURE LAMINATE COVERED 3/4" MDF BOARD UNLESS OTHERWISE INDICATED IN INTERIOR ELEVATIONS'. A dimension of '1 1/2"' is shown for the thickness of the cabinet back. A horizontal dimension of '2'-0" U.O.N.' is indicated at the top. A note at the bottom left specifies 'PROVIDE BACKING PER STRUCTURAL DETAILS OR DETAIL 1/AD03'.

2'-0" U.O.N.

1"

4"

COUNTERTOP & BACKSPLASH SHALL BE HIGH PRESSURE LAMINATE COVERED 3/4" MDF BOARD UNLESS OTHERWISE INDICATED IN INTERIOR ELEVATIONS

#12x3" F.H. S.T.S. W/ GROMMET WASHERS @ 12" O.C.

PROVIDE BACKING PER STRUCTURAL DETAILS OR DETAIL 1/AD03

CABINET FRAME

CABINET BACK

1 1/2"

# 2 CASEWORK ANCHORAGE

3" = 1'-0"

SEE PLAN

SEE INTERIOR ELEVATIONS

2 AD05

2 1/2"

1 1/2"

1 1/2"

1 AD05

2 1/2"

4"

TYPICAL TOP AND BOTTOM ANCHORAGE TO ADJACENT CABINET W/ 5MM SCREW & SLEEVE @ SIDES IN BORED HOLES FRONT & BACK, TO & BOTTOM

1/2" PREFIN. MELAMINE BA

5MM BORED HOLES @ 32 MM CENTERS TYP.

TYPICAL PULLS U.N.O.

TYPICAL ADJUSTABLE SHELF SHELVES SHALL BE 3/4" MELAMINE COVERED MDF BOARD. SHELF PVC EDGE BANDING TO MATCH MELAMINE

TYPICAL DOORS, DRAWER EXPOSED PANELS, ETC. SHALL BE HIGH PRESSURE LAMINATE COVERED 3/4" MDF BOARD W/ MATCHING PVC EDGE BANDING TYPICAL THRU-OUT

TYPICAL CABINET INTERIOR SHALL BE MELAMINE (LOW PRESSURE LAMINATE) COVERED 3/4" MDF BOARD W/PVC EDGE BANDING TO MATCH EXPOSED LAMINATE COLOR

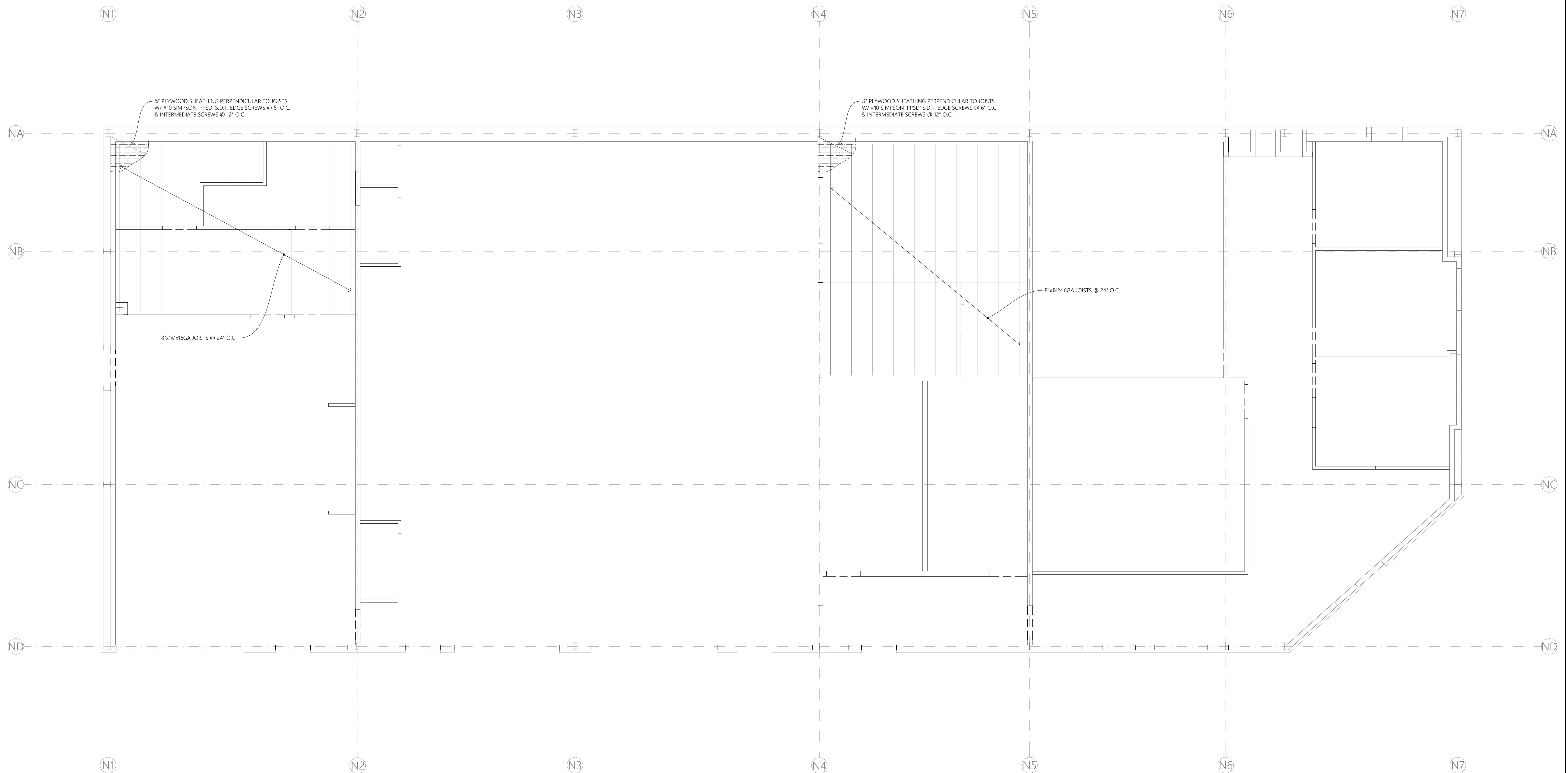
SAME BASE FINISH AS ROOM

# 3 FULL HEIGHT CASEWORK









19 MEZZANINE PLAN

PROJECT DETAILS  
RED PROJECT NO: 22044  
SUBMITTAL DATE: 2024-01-15  
SCALE: X4 = 1'-0"

PROJECT REVISIONS  
DATE DESCRIPTION

SHEET DETAILS  
DRAWN BY: WH  
CHECKED BY: DP  
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SHEET TITLE

MEZZANINE PLAN

SHEET NUMBER

S1.2

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STANISLAUS COUNTY  
BUILDING PERMIT SERVICES

LEGEND:  
NONSTRUCTURAL METAL HEADER  
WHERE SIZE IS NOT INDICATED ON PLAN, SEE DTL 20/S2.2  
WOOD HEADER  
WHERE SIZE IS NOT INDICATED ON PLAN, SEE DTL 5&6/S2.3

MEZZANINE FRAMING NOTES:  
1. ALL DIMENSIONS SHALL BE COORDINATED / VERIFIED WITH ARCHITECTURAL DRAWINGS. ANY DISCREPANCIES  
SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM PRIOR TO CONSTRUCTION.  
2. WHERE CEMENT TRIM IS NOT INDICATED, CEMENT MAY EITHER BE SUBSTITUTED OR ADHERED TO UNDERSIDE  
OF ROOF, OR AREA IS OPEN TO THE ROOF DECK. COORDINATE WITH ARCHITECTURAL DRAWINGS.  
3. FRAMING SIZES NOTED ON PLAN SHALL TAKE PRECEDENCE OVER SIZES NOTED ON DETAILS.  
4. FOR STRUCTURAL NOTES, SEE SHEETS S1.1 & S1.2.  
5. FOR TYPICAL DETAILS NOTED ON THIS PLAN, SEE S2.X SERIES:  
5.1. FOR FRAMING AROUND OPENINGS, SEE SHEETS S2.2 & S2.3.  
5.2. FOR TYPICAL NONSTRUCTURAL DETAILS, SEE SHEETS S2.1 & S2.3.

NOT USED

NOT USED

NOT USED

20 NOT USED

16 NOT USED

12 NOT USED

8 LEGEND

4 MEZZANINE PLAN NOTES



**CITY OF CERES WATER DIVISION**

1921 ROCKEFELLER DR.  
CERES, CA 95307

PROJECT DETAILS  
RED PROJECT NO.: 22044  
SUBMITTAL DATE: 2/20/2014

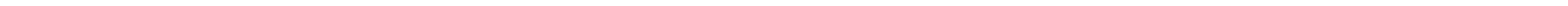
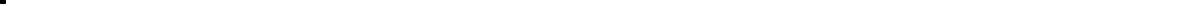
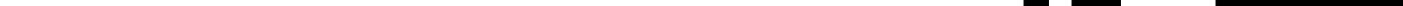
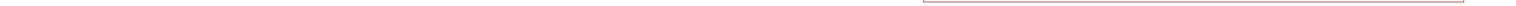
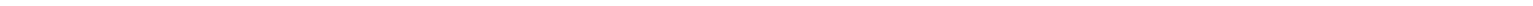
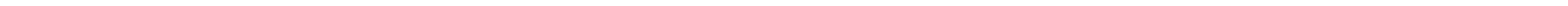
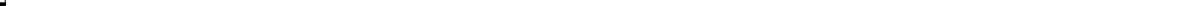
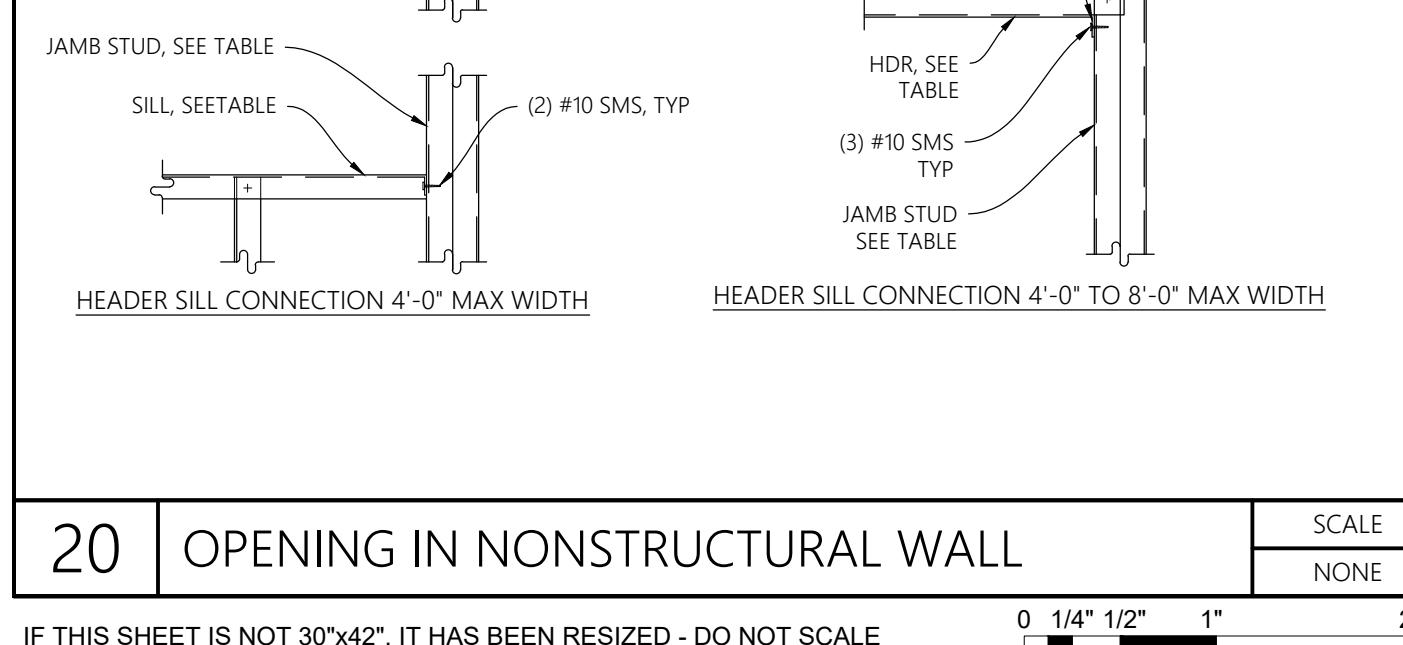
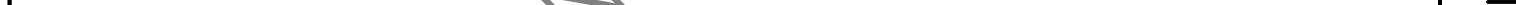
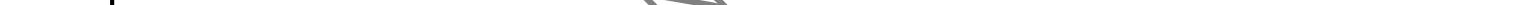
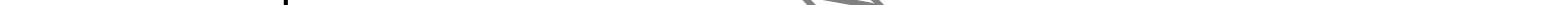
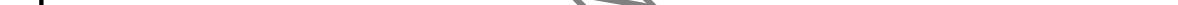
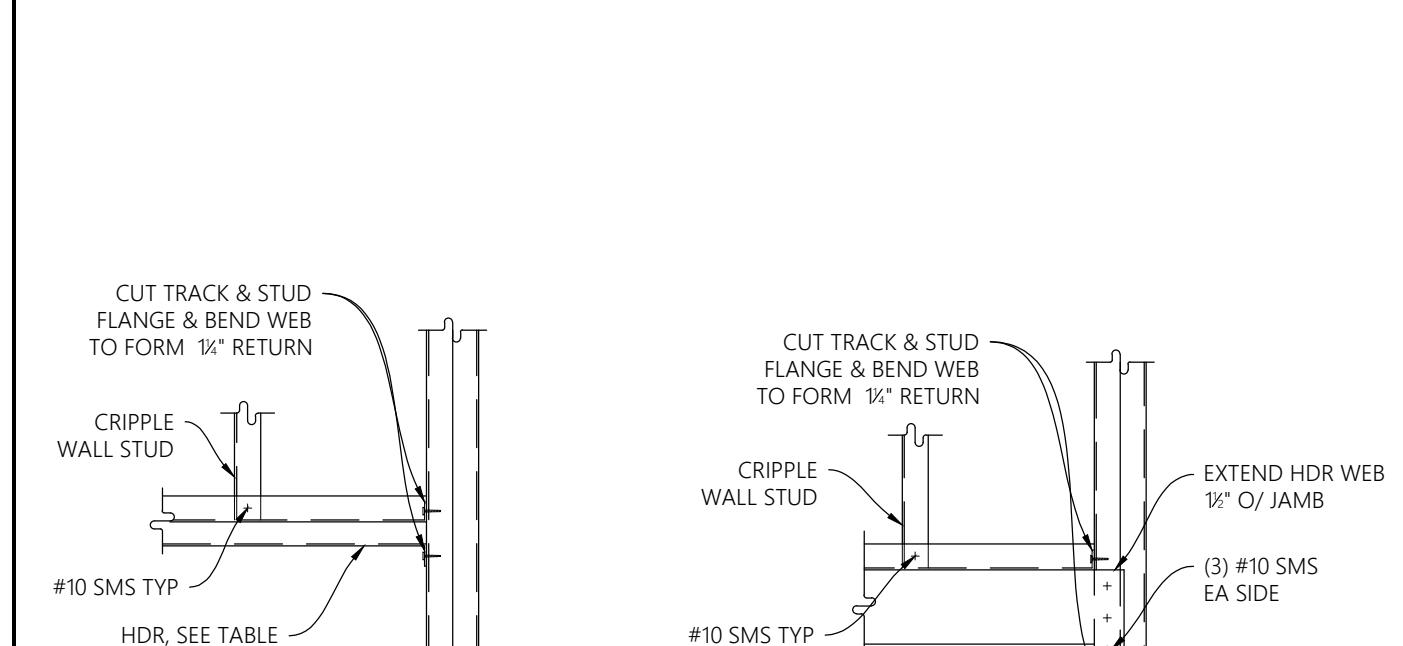
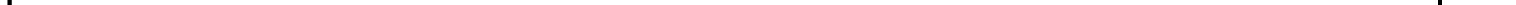
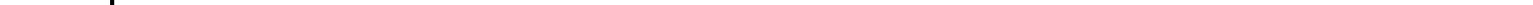
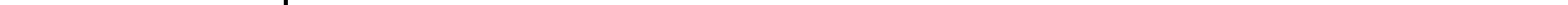
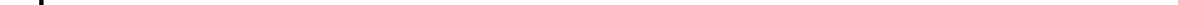
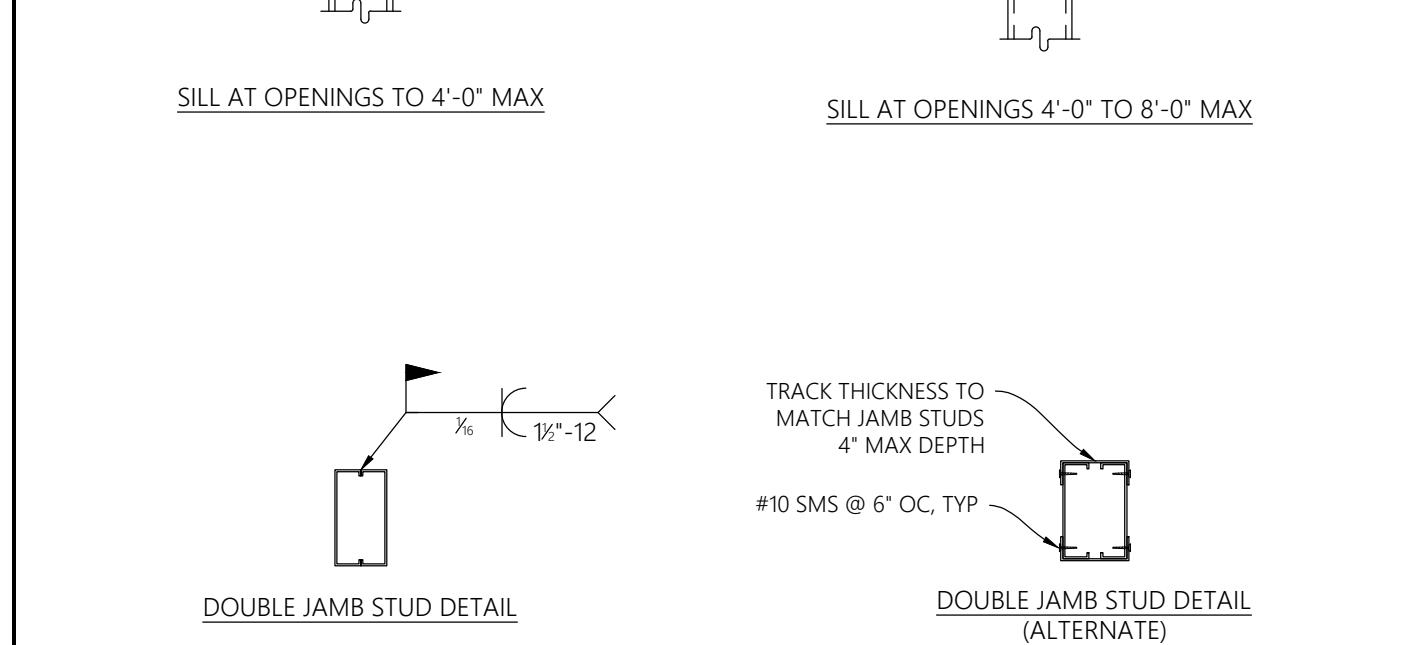
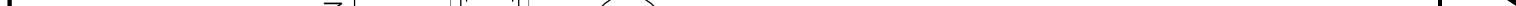
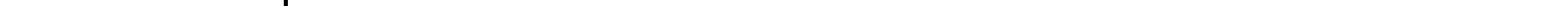
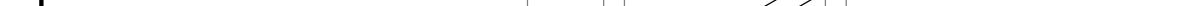
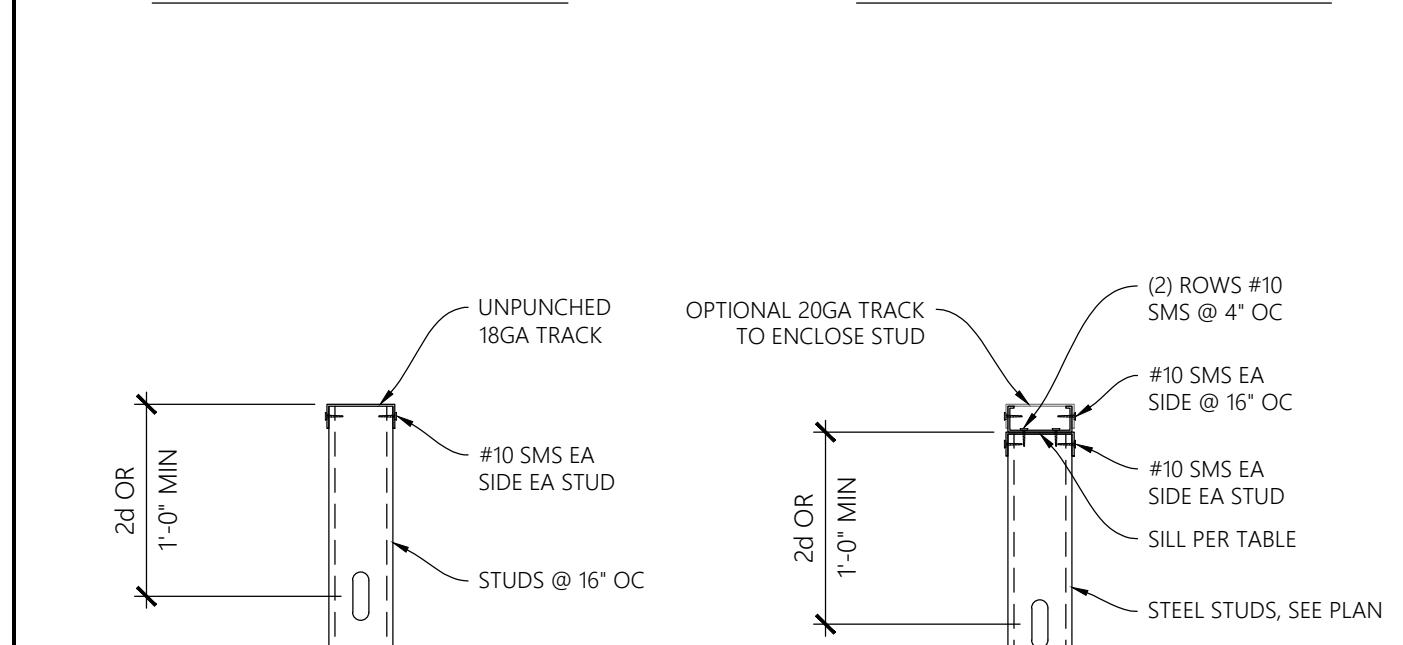
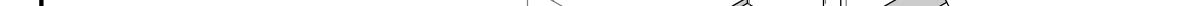
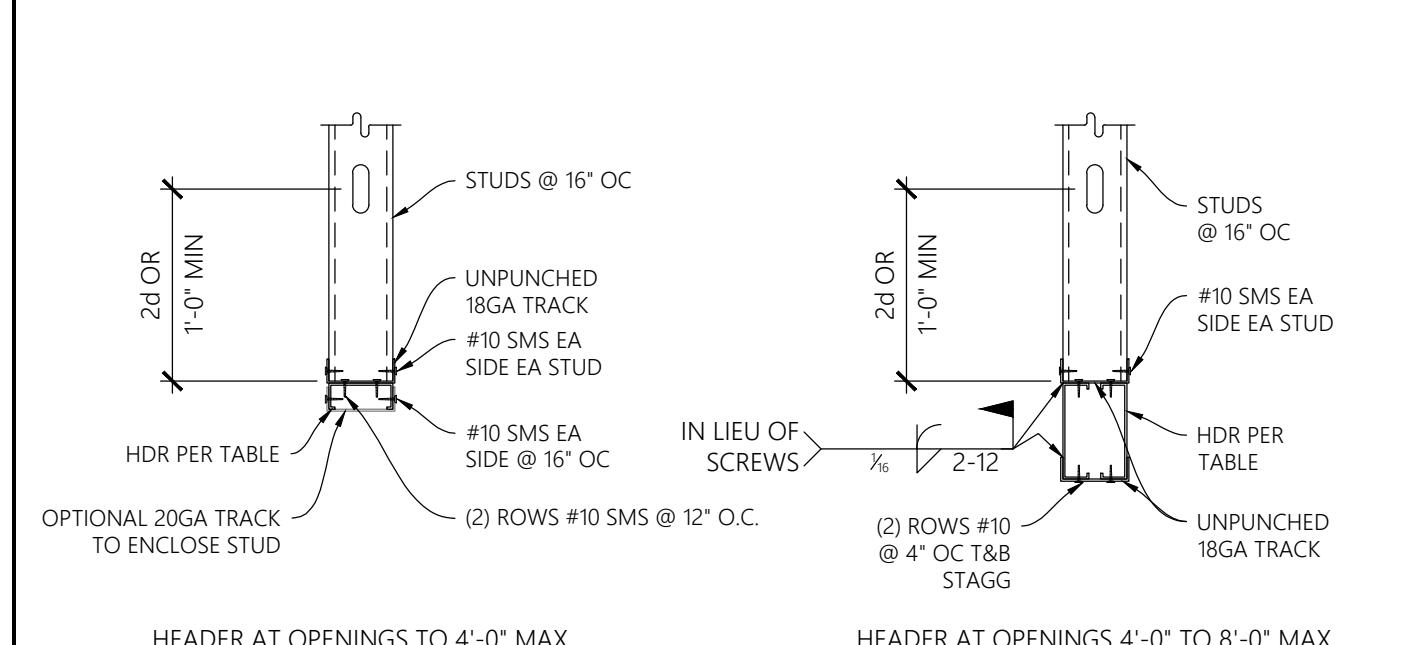
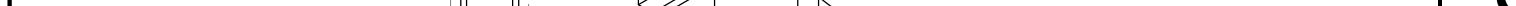
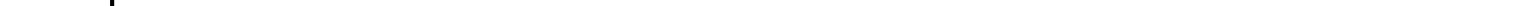
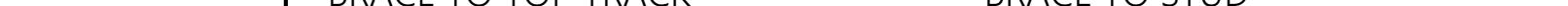
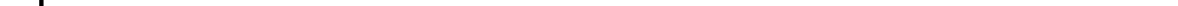
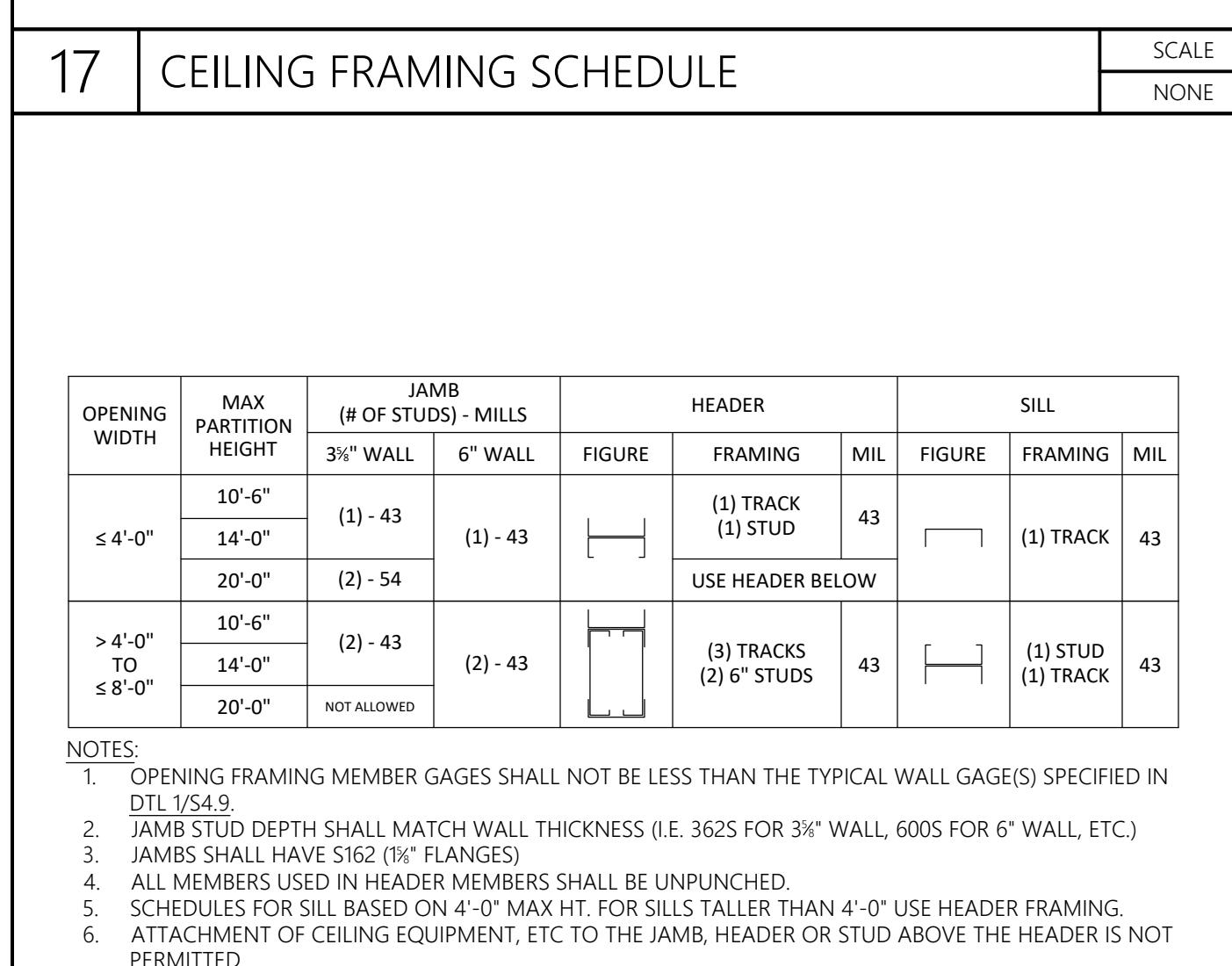
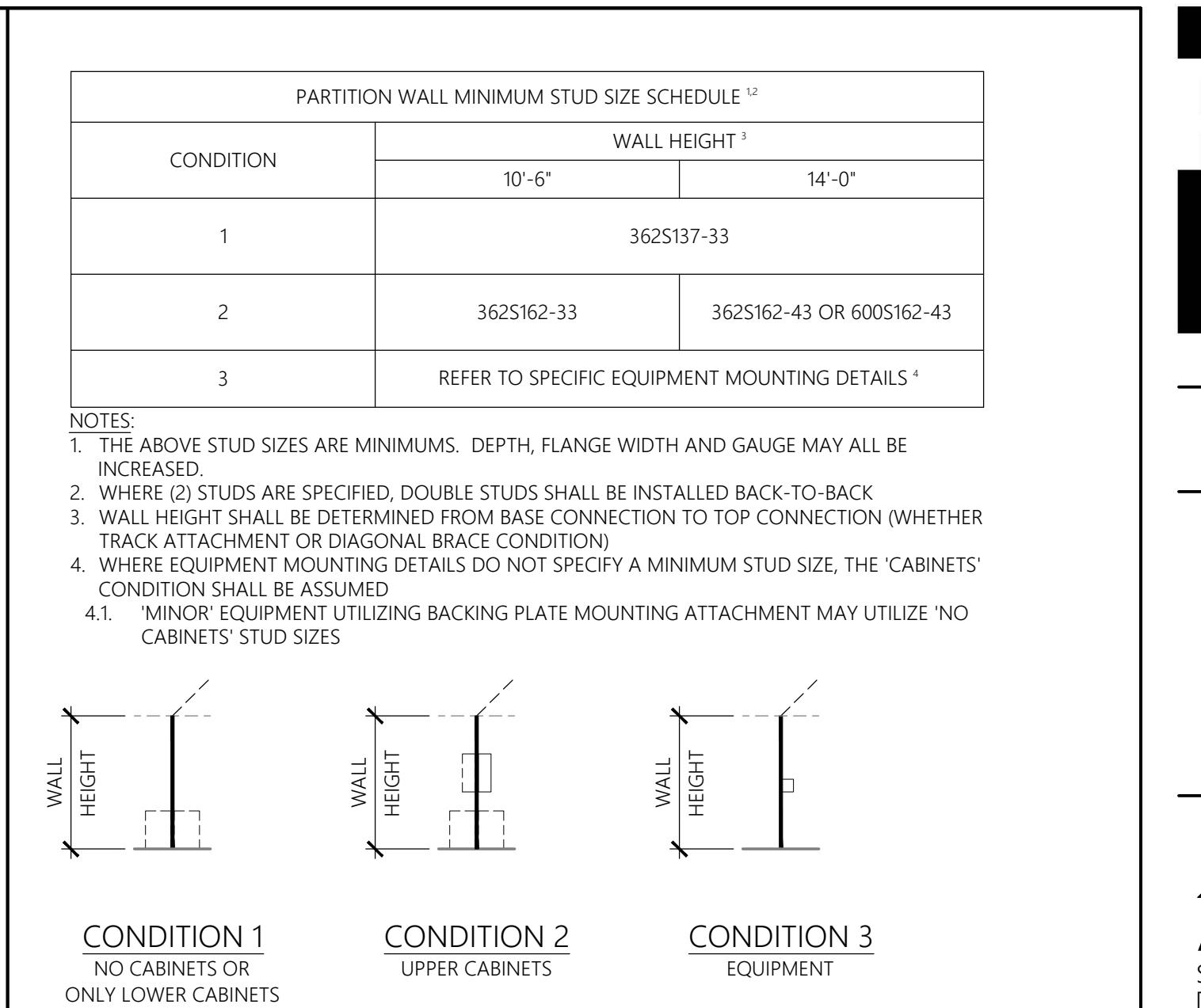
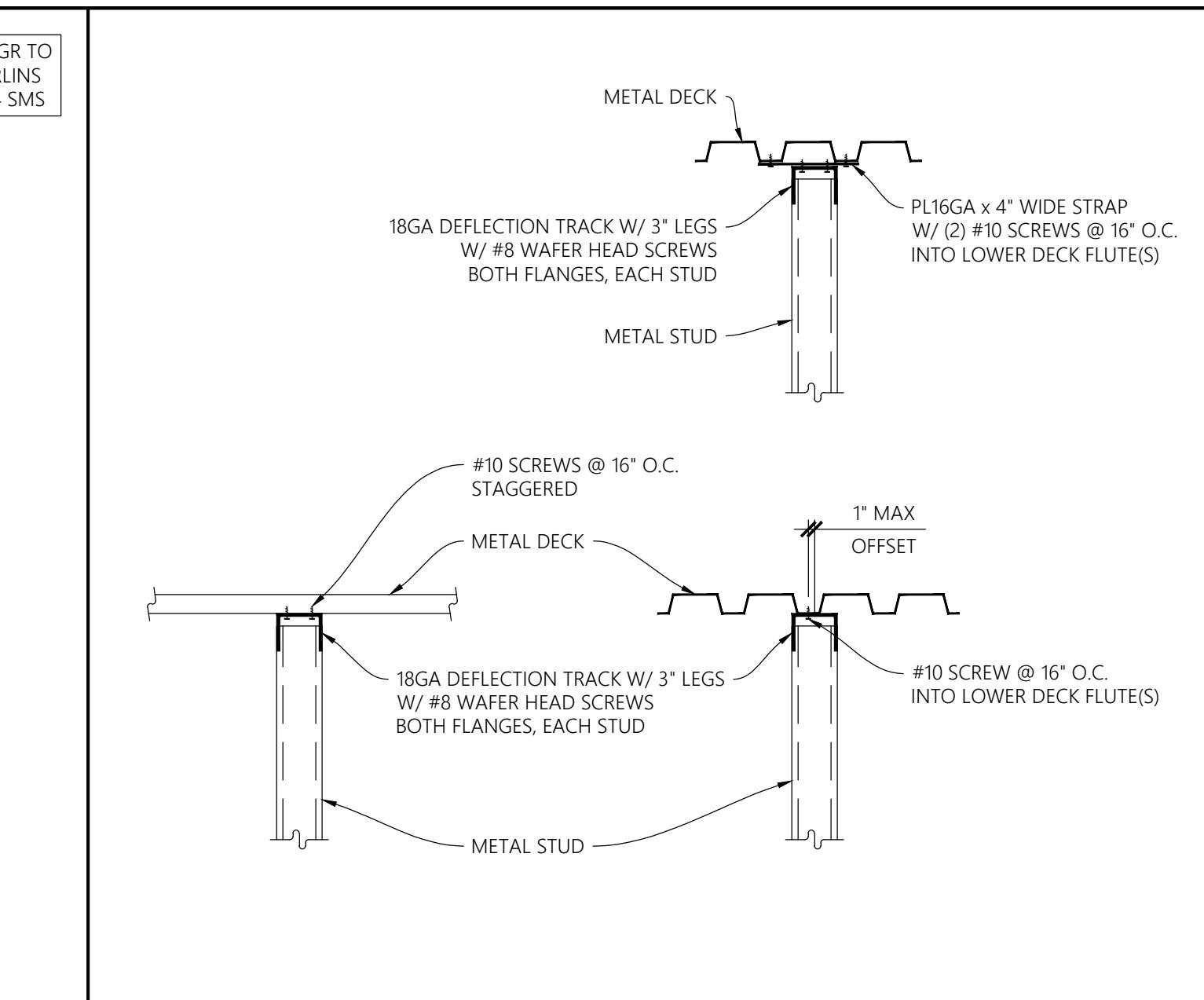
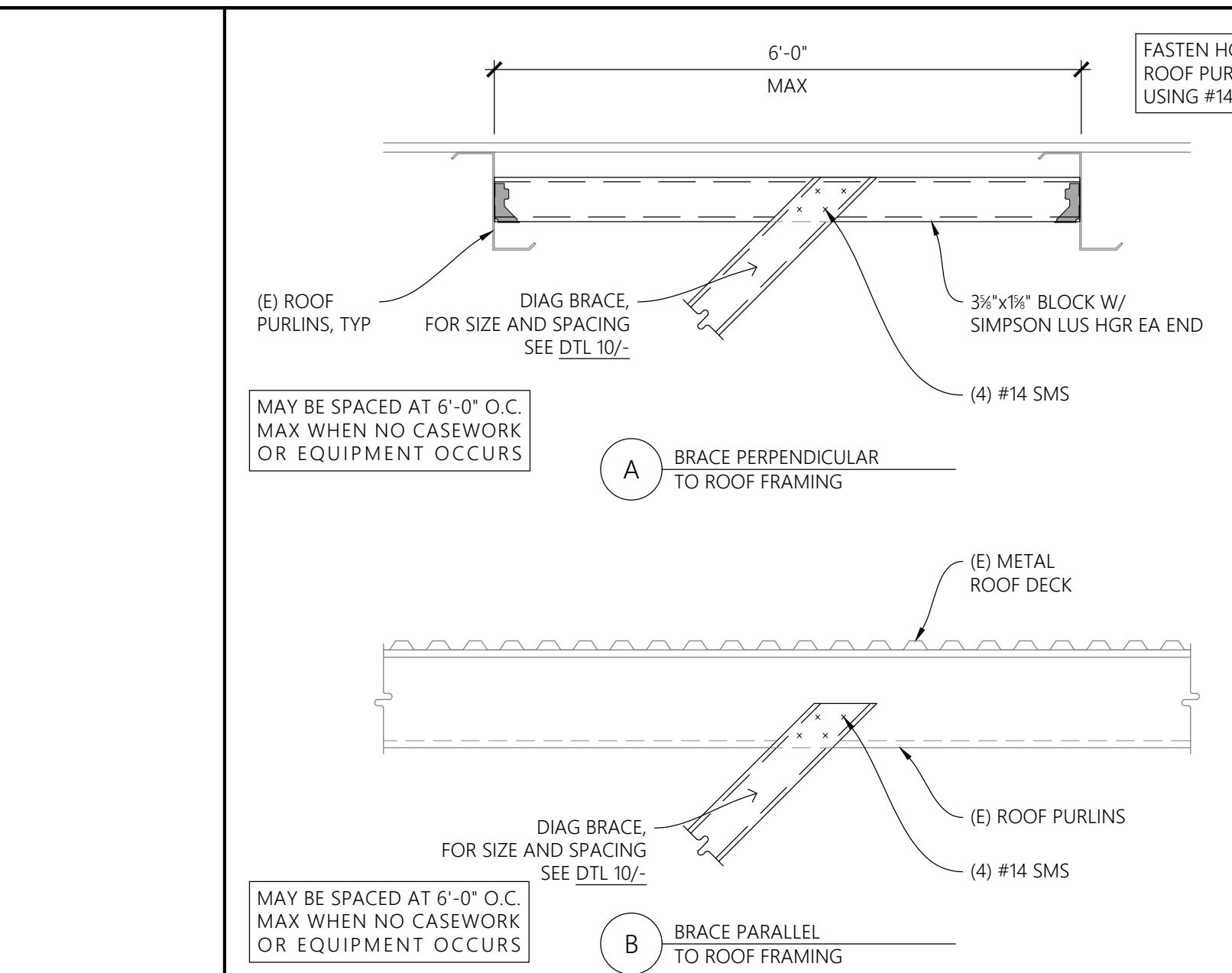
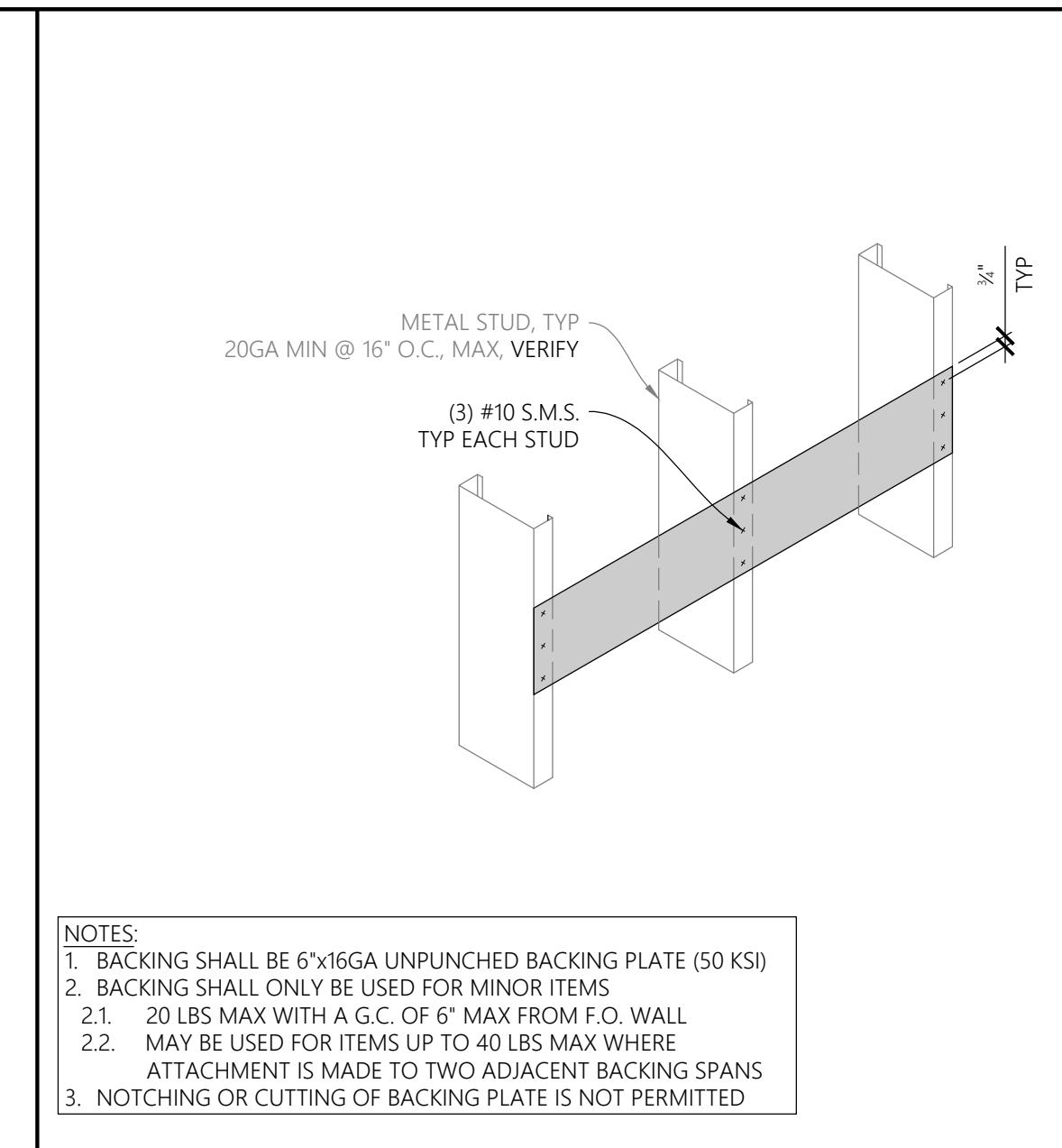
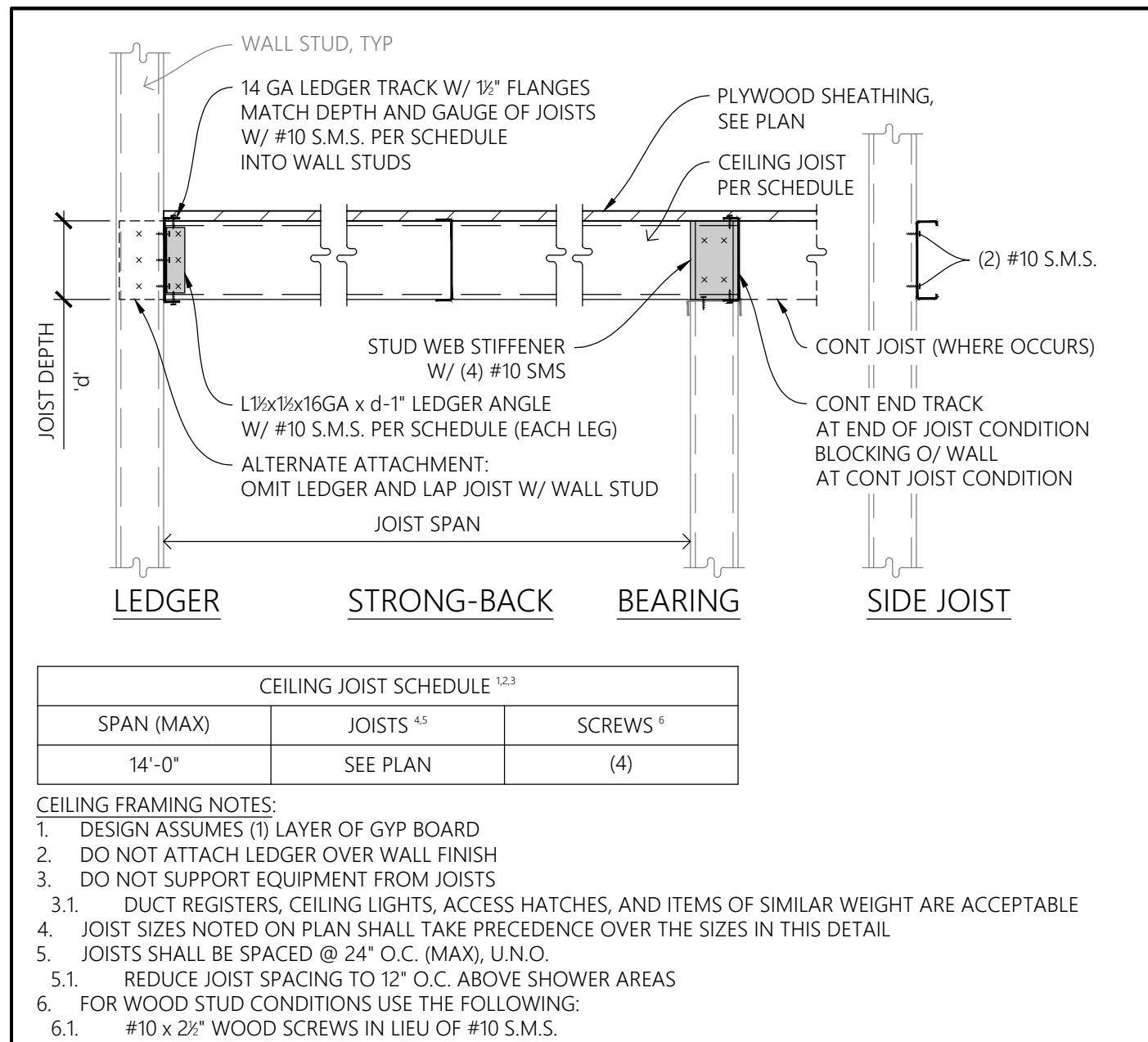
PROJECT REVISIONS  
DATE: 2/20/2014  
DESCRIPTION:

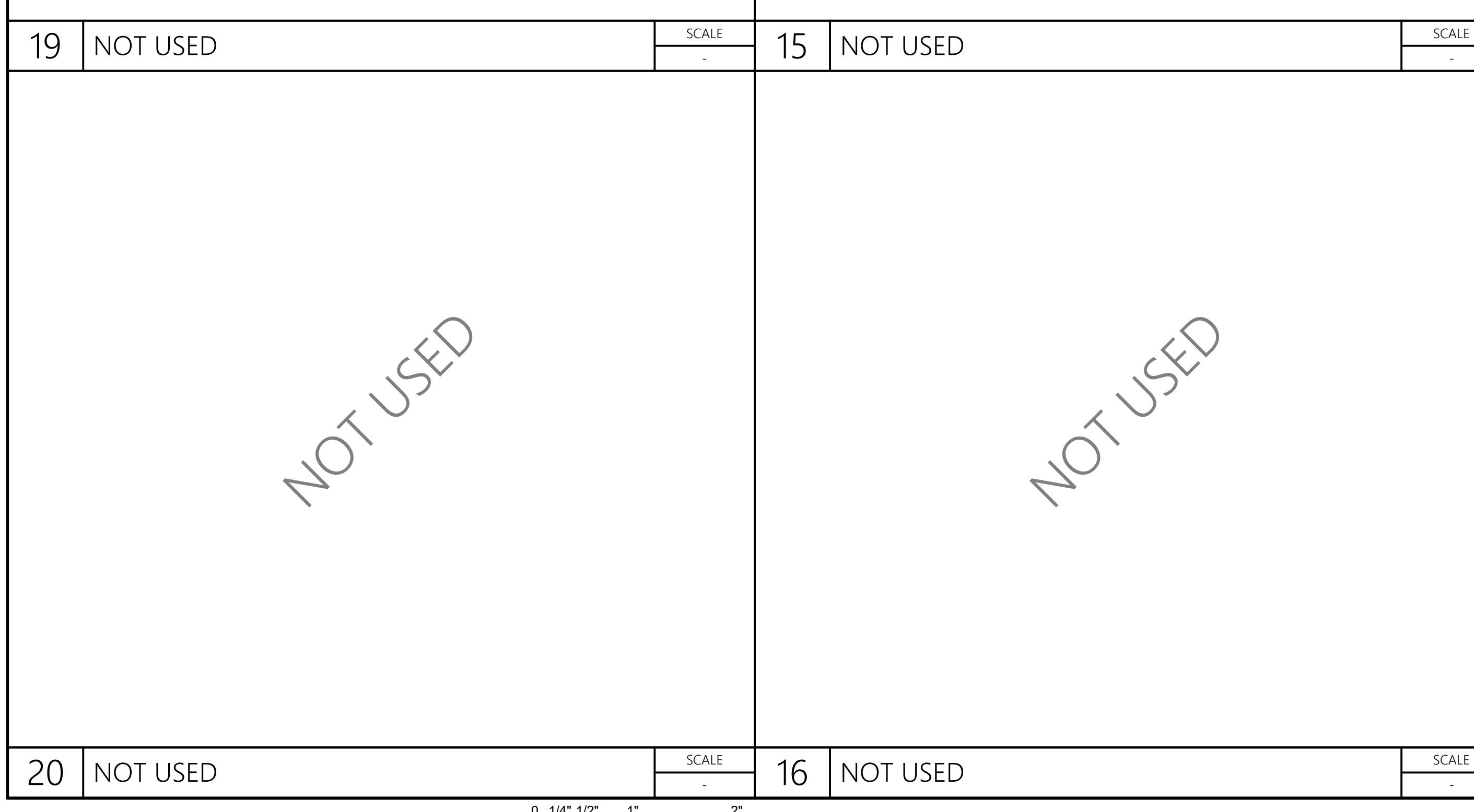
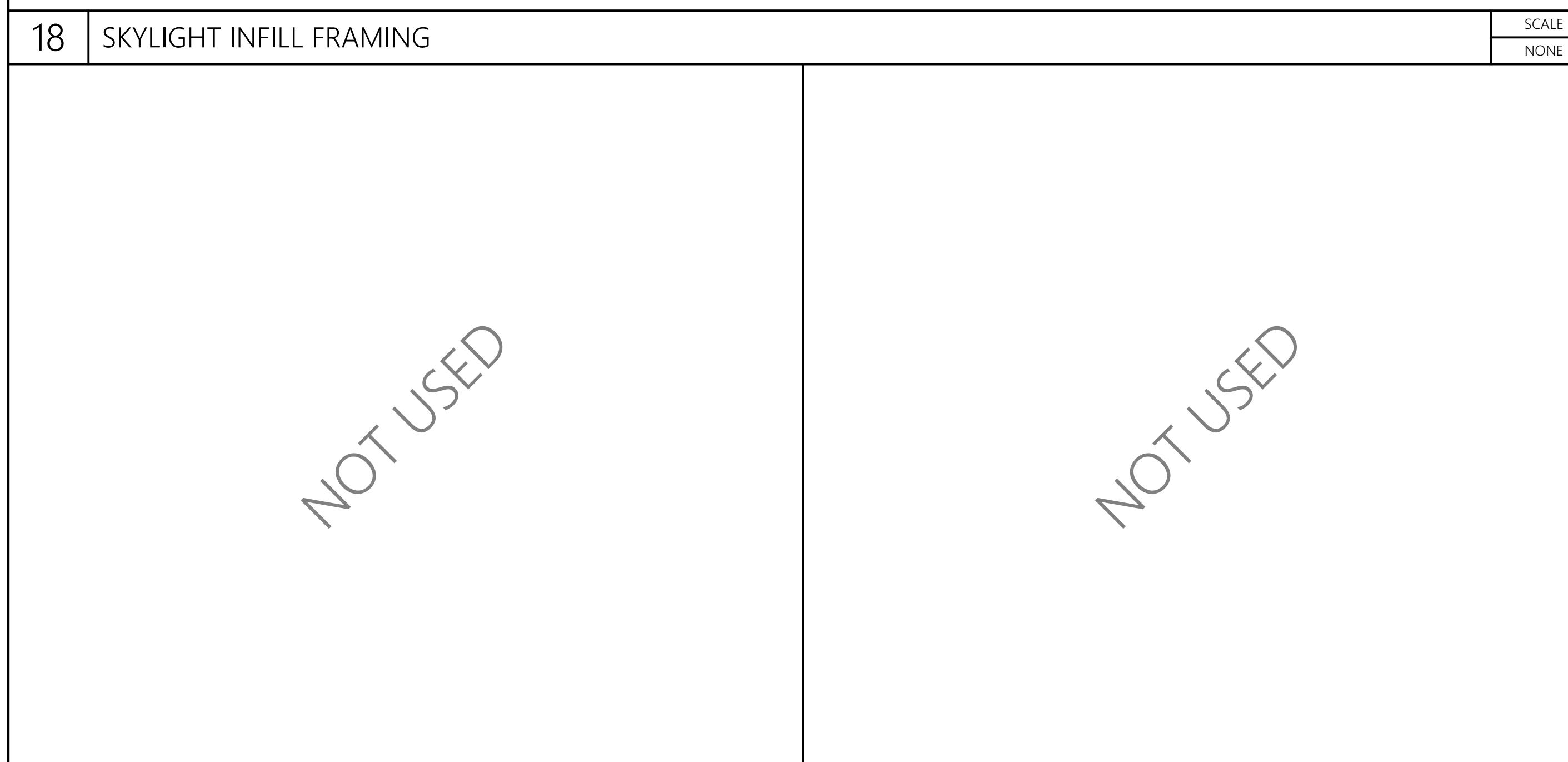
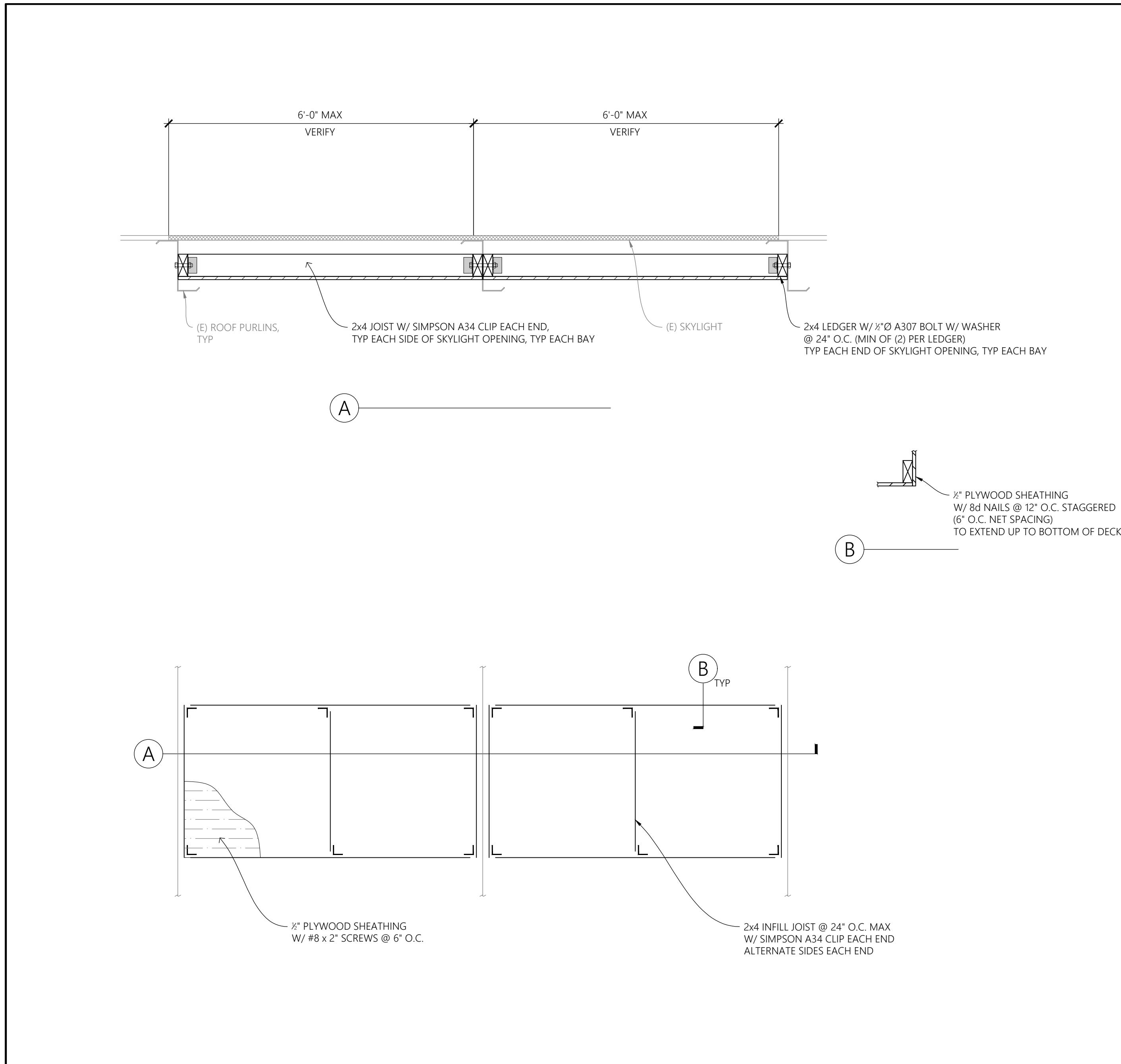
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CHECKED BY: DP  
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SHEET TITLE  
TYPICAL  
NONSTRUCTURAL  
METAL DETAILS

SHEET NUMBER  
S2.2

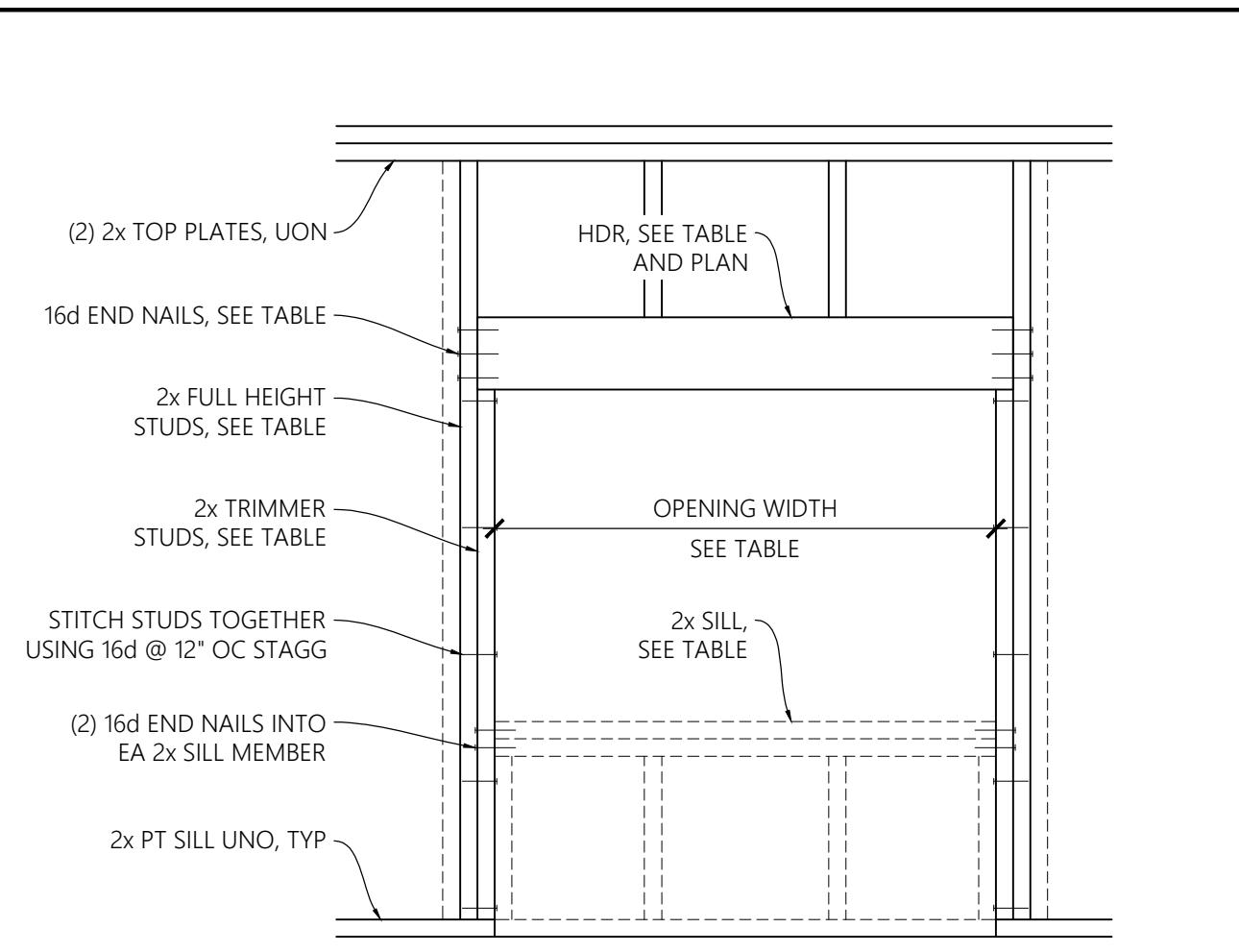
**JOB COPY**  
S2.2  
STANISLAUS COUNTY  
BUILDING PERMIT SERVICES





FASTENING SCHEDULE <sup>1</sup>			
DESCRIPTION OF BUILDING ELEMENT	NUMBER AND TYPE	SPACING AND LOCATION	
ROOF		SEE TABLE	
BLOCKING BETWEEN CEILING JOISTS, RAFTERS OR TRUSSES TO TOP PLATE OR OTHER FRAMING BELOW	(3) 8d; OR (3) 10d BOX; OR (3) 8d x 3"	BOTH ENDS, TOENAIL	
BLOCKING BETWEEN RAFTERS OR TRUSSES NOT AT THE WALL TOP PLATE, TO RAFTER OR TRUSS	(2) 8d; OR (2) 8d x 3"	BOTH ENDS, TOENAIL	
FLAT BLOCKING TO TRUSS AND WEB FILLER	16d @ 6" O.C.; OR 8d x 3" @ 6" O.C.	FACE NAIL	
CEILING JOIST TO TOP PLATE	(3) 8d; OR (3) 10d BOX; OR (3) 8d x 3"	EACH JOIST, TOENAIL	
CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OR PARTITIONS (NO THRUST)	(3) 8d; OR (4) 10d BOX; OR (4) 8d x 3"	FACE NAIL	
CEILING JOIST ATTACHED TO PARALLEL RAFTER (HEEL JOINT)	VARIES BY APPLICATION SEE CBC 2019 TABLE 2308.7.3.1	FACE NAIL	
COLLAR TIE TO RAFTER	(3) 10d; OR (4) 10d BOX; OR (4) 8d x 3"	FACE NAIL	
RAFTER OR ROOF TRUSS TO TOP PLATE	(3) 10d; OR (4) 10d BOX; OR (4) 8d x 3"	TOENAIL	
RAFTER TO RIDGE VALLEY OR HIP RAFTERS, OR ROOF RAFTER TO 2-INCH RIDGE BEAM	(3) 10d; OR (4) 10d BOX; OR (4) 8d x 3"	TOENAIL	
WALL			
STUD TO STUD AT DOUBLE STUDS (NOT IN STRUCTURALLY SHEATHED WALLS)	16d; OR (2) ROWS @ 32" O.C., STAGGERED 8d x 3"	FACE NAIL (2) ROWS @ 16" O.C., STAGGERED (NET SPACING = 16" O.C.)	
STUD TO STUD AT DOUBLE STUDS IN STRUCTURALLY SHEATHED WALLS	16d	FACE NAIL (2) ROWS @ 16" O.C., STAGGERED (NET SPACING = 8" O.C.)	
STUD TO STUD AT INTERSECTING WALL CORNERS (NOT IN STRUCTURALLY SHEATHED WALLS)	16d; OR 16d BOX; OR 8d x 3"	FACE TO EDGE NAIL 16d @ 16" O.C. OR ELSE @ 12" O.C.	
STUD TO STUD AT INTERSECTING WALL CORNERS IN STRUCTURALLY SHEATHED WALLS	16d	FACE TO EDGE NAIL 8" O.C.	
BUILT-UP HEADER (2x TO 2x MEMBERS)	16d; OR 10d BOX	FACE NAIL TO EDGE NAIL 16d @ 16" O.C. OR ELSE @ 12" O.C.	
CONTINUOUS HEADER TO STUD	(4) 8d; OR (4) 10d BOX	TOENAIL	
TOP PLATE TO TOP PLATE	16d	FACE NAIL (2) ROWS @ 32" O.C., STAGGERED (NET SPACING = 16" O.C.)	
TOP PLATE TO TOP PLATE LAPS AT CORNERS AND INTERSECTIONS	(2) 16d; OR (3) 10d BOX; OR (3) 8d x 3"	FACE NAIL	
BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (NOT IN STRUCTURALLY SHEATHED WALLS)	16d; OR 16d BOX; OR 8d x 3"	FACE NAIL 16d @ 16" O.C. OR ELSE @ 12" O.C.	
BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING IN STRUCTURALLY SHEATHED WALLS	(2) 16d; OR (3) 10d BOX; OR (4) 8d x 3"	FACE NAIL 16" O.C.	
STUD TO TOP OR BOTTOM PLATE	(2) 16d; OR (3) 10d BOX; OR (3) 8d x 3"	TOE NAIL END NAIL (2x TOP OR BOTTOM PLATE)	
FLOOR			
JOIST TO SILL, TOP PLATE, OR GIRDER	(3) 8d; OR (3) 10d BOX; OR (3) 8d x 3"	TOE NAIL	
RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL OR OTHER FRAMING BELOW	8d; OR 10d BOX; OR 8d x 3"	TOENAIL 6" O.C.	
BUILT-UP GIRDERS AND BEAMS, 2x LUMBER LAYERS	20d; OR 10d BOX; OR 8d x 3"	FACE NAIL TOP AND BOT, STAGGERED ON OPPOSITE SIDES 20d @ 32" O.C. OR ELSE @ 24" O.C.	
LEDGER STRIP SUPPORTING JOISTS OR RAFTERS	(2) 20d; OR (3) 10d BOX; OR (3) 8d x 3"	FACE NAIL ENDS AND AT EACH SPLICING	
JOIST TO BAND JOIST OR RIM JOIST	(3) 16d; OR (4) 10d BOX; OR (4) 8d x 3"	END NAIL	
BRIDGING OR BLOCKING TO JOIST, RAFTER OR TRUSS	(2) 8d; OR (2) 10d BOX; OR (2) 8d x 3"	TOENAIL BOTH ENDS	

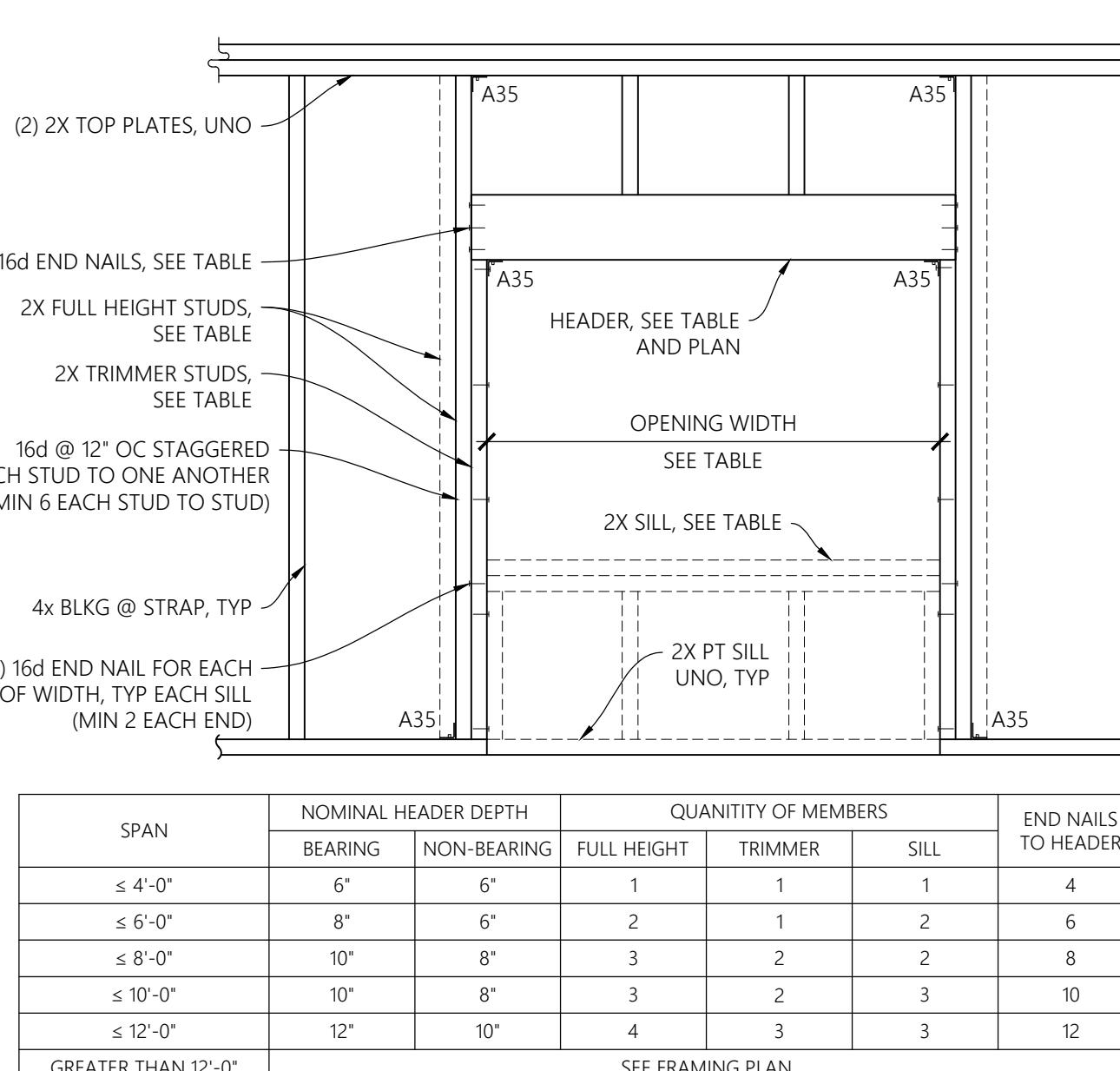
FOOTNOTES:  
1. NAILS SHALL BE COMMON WIRE NAILS, U.N.O.  
2. WHEN A SPECIFIC NUMBER OF FASTENERS IS SPECIFIED THEY SHALL BE INSTALLED EQUALLY SPACED ACROSS THE LENGTH.  
3. WHERE OTHER PLANS OR DETAILS ON THESE DRAWINGS SPECIFY DIFFERENT FASTENERS (SIZE, TYPE, QUANTITY, SPACING, ETC) THAN WHAT IS LISTED ABOVE FOR THE SAME APPLICATION THEY SHALL TAKE PRECEDENCE OVER THIS TABLE.  
4. FOR ADDITIONAL APPLICATIONS (INCLUDING STRUCTURAL PANELS, SHEATHING, PLANKS, ETC) NOT LISTED ABOVE, REFER TO CBC 2019 TABLE 2304.10



SPAN	NOMINAL HEADER DEPTH	QUANTITY OF MEMBERS			END NAIL TO HEADER
	BEARING	NON-BEARING	FULL HEIGHT	TRIMMER	SILL
≤ 4'-0"	6"	4"	1	1	1
≤ 6'-0"	8"	6"	2	1	2
≤ 12'-0"	12"	8"	2	1	2

THE TABLE IS BASED ON A NOMINAL HEADER WIDTH OF 4"

5 FRAMING AT INTERIOR OPENING



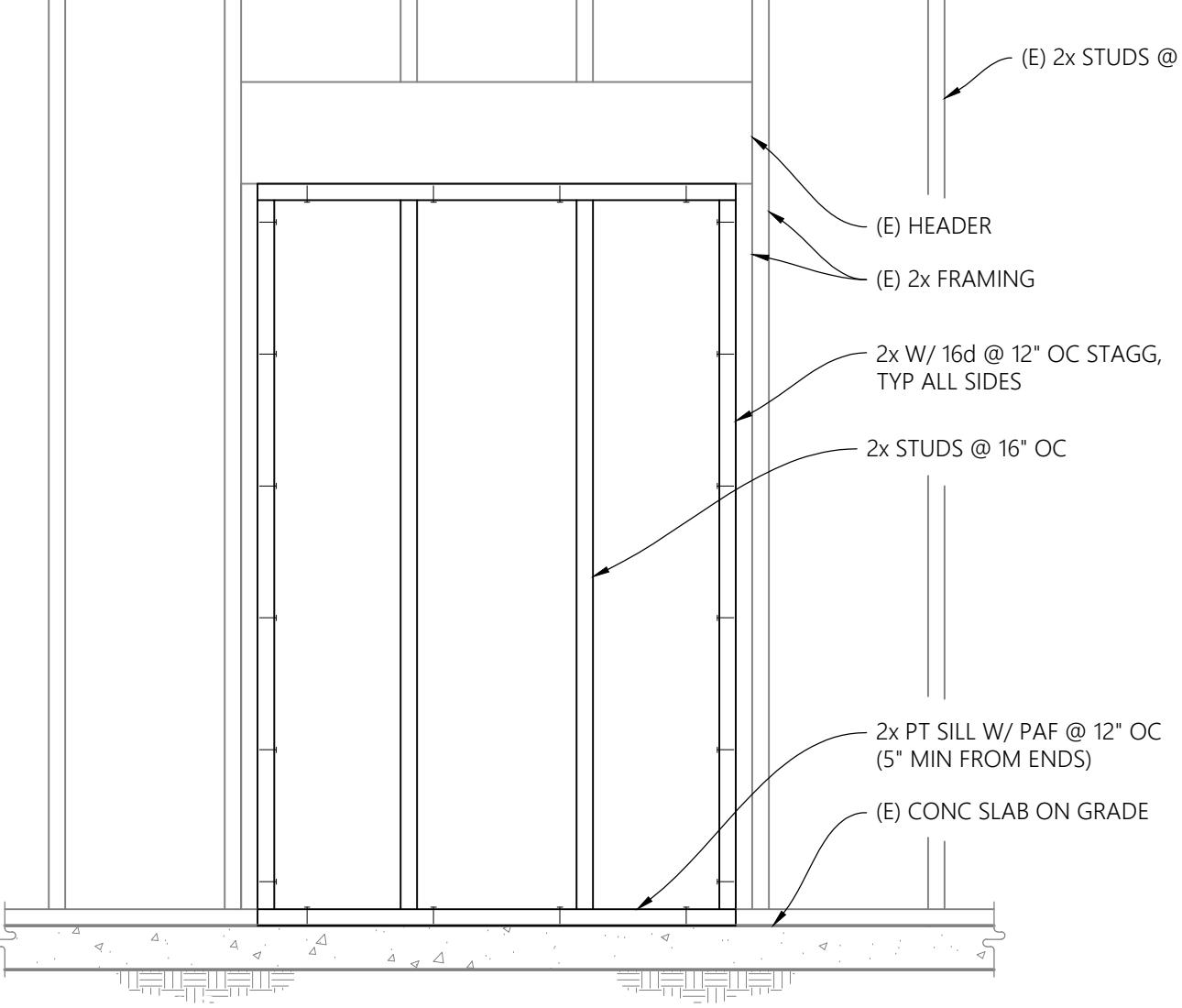
SPAN	NOMINAL HEADER DEPTH	QUANTITY OF MEMBERS			END NAIL TO HEADER
	BEARING	NON-BEARING	FULL HEIGHT	TRIMMER	SILL
≤ 4'-0"	6"	6"	1	1	1
≤ 6'-0"	8"	6"	2	1	2
≤ 8'-0"	10"	8"	3	2	2
≤ 10'-0"	10"	8"	3	2	3
≤ 12'-0"	12"	10"	4	3	3

SEE FRAMING PLAN

SPAN	NOMINAL HEADER DEPTH	QUANTITY OF MEMBERS			END NAIL TO HEADER
	BEARING	NON-BEARING	FULL HEIGHT	TRIMMER	SILL
≤ 4'-0"	6"	6"	1	1	1
≤ 6'-0"	8"	6"	2	1	2
≤ 8'-0"	10"	8"	3	2	2
≤ 10'-0"	10"	8"	3	2	3
≤ 12'-0"	12"	10"	4	3	3

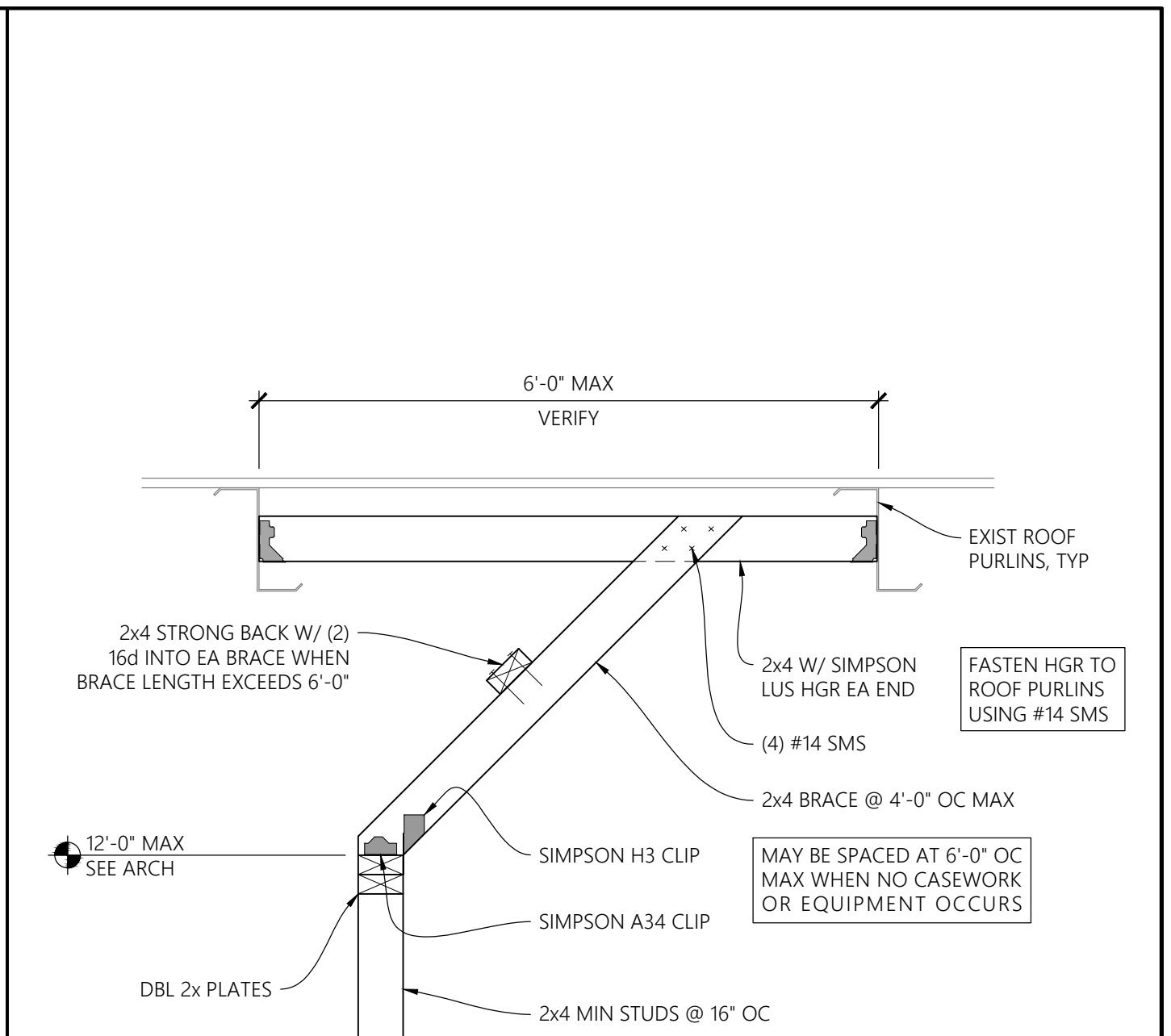
SEE FRAMING PLAN

6 FRAMING AT EXTERIOR OPENINGS



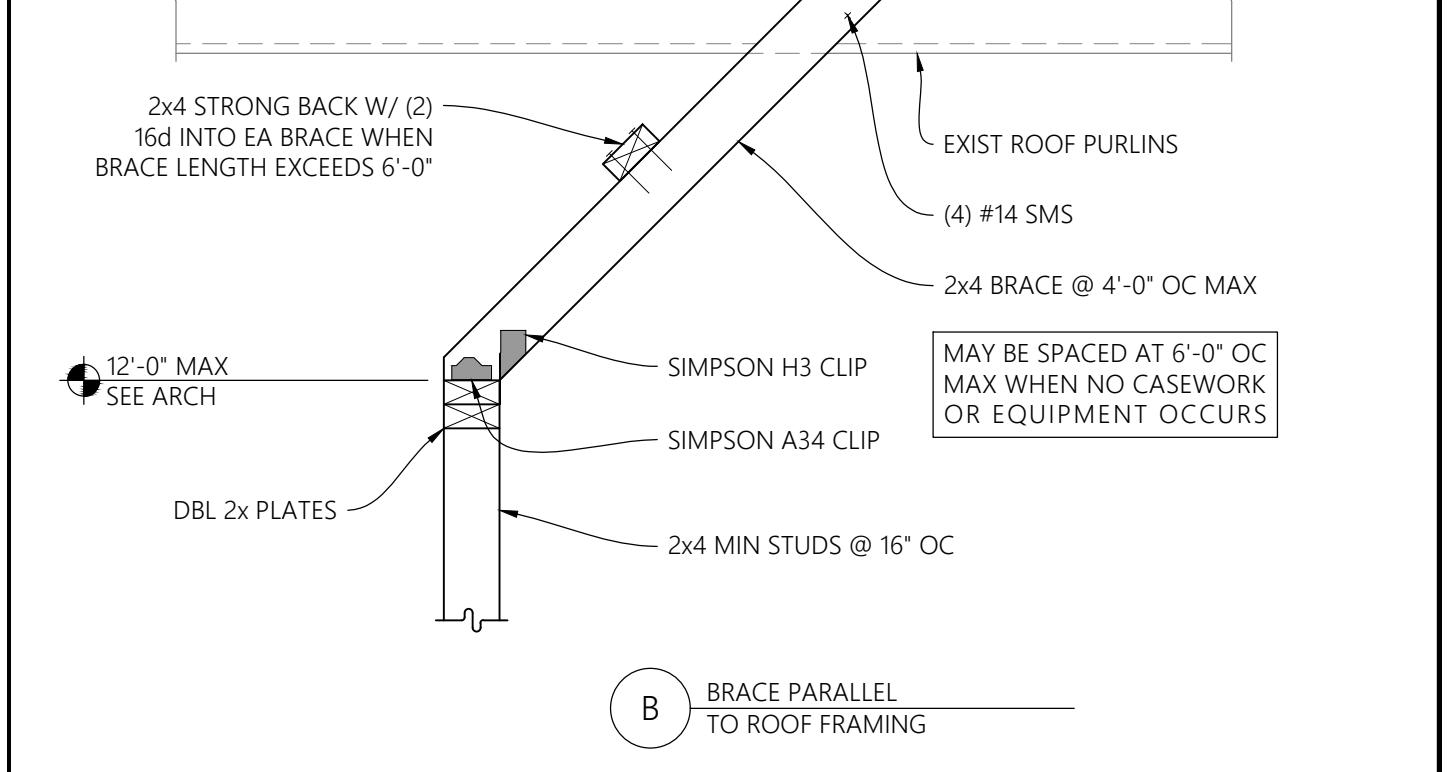
SPAN	NOMINAL HEADER DEPTH	QUANTITY OF MEMBERS			END NAIL TO HEADER
	BEARING	NON-BEARING	FULL HEIGHT	TRIMMER	SILL
≤ 4'-0"	6"	6"	1	1	1
≤ 6'-0"	8"	6"	2	1	2
≤ 8'-0"	10"	8"	3	2	2
≤ 10'-0"	10"	8"	3	2	3
≤ 12'-0"	12"	10"	4	3	3

SEE FRAMING PLAN



SPAN	NOMINAL HEADER DEPTH	QUANTITY OF MEMBERS			END NAIL TO HEADER
	BEARING	NON-BEARING	FULL HEIGHT	TRIMMER	SILL
≤ 4'-0"	6"	6"	1	1	1
≤ 6'-0"	8"	6"	2	1	2
≤ 8'-0"	10"	8"	3	2	2
≤ 10'-0"	10"	8"	3	2	3
≤ 12'-0"	12"	10"	4	3	3

SEE FRAMING PLAN



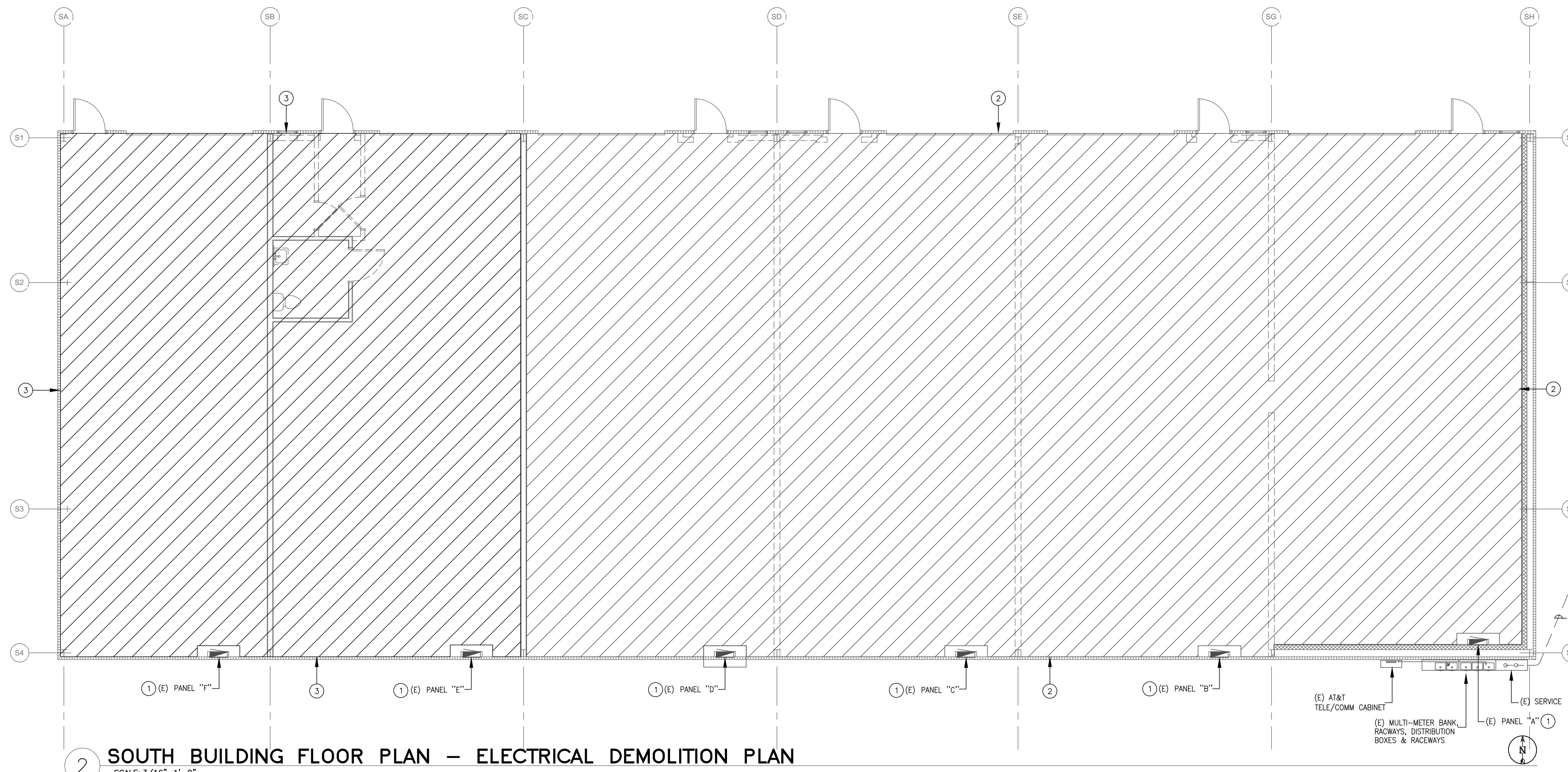
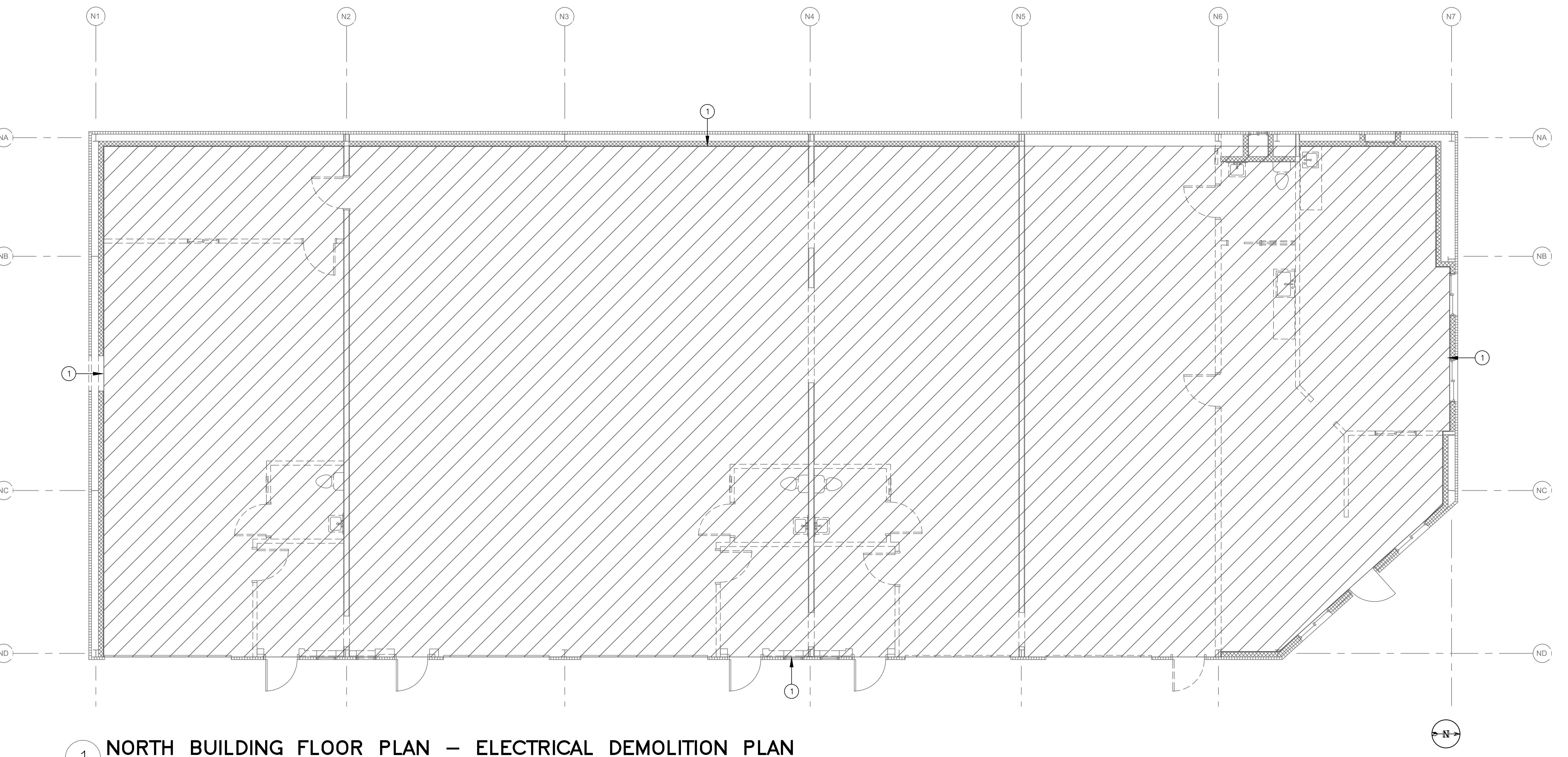
SPAN	NOMINAL HEADER DEPTH	QUANTITY OF MEMBERS			END NAIL TO HEADER
	BEARING	NON-BEARING	F		





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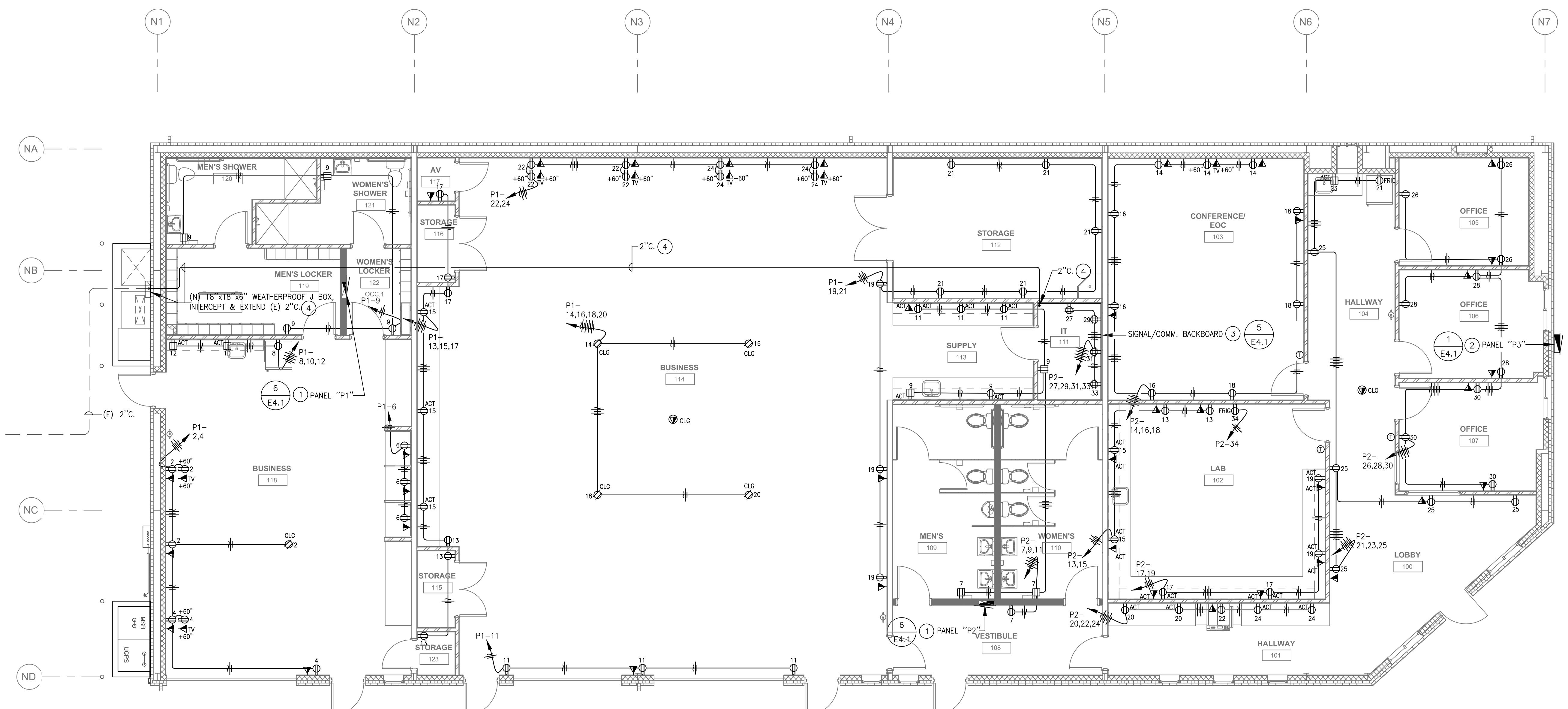
CITY OF CERES WATER DIVISION  
1921 ROCKEFELLER DR.  
CERES, CA 95307  
CITY OF CERES





SUBMITTAL #

CITY OF CERES WATER DIVISION  
1921 ROCKEFELLER DR.  
CERES, CA 95307  
CITY OF CERES







# CITY OF CERES WATER DIVISION

1921 ROCKEFELLER DR.  
CERES, CA 95337

CITY OF CERES

PANELBOARD SCHEDULE												
PANEL: P1		PHASE: 3Ø		SCCR: 22k		LOCATION: RM 122						
BUS RATING: 225 A. VOLTAGE: 120/208 V.		WIRE: 4		Bussing: Cu		NEMA TYPE: 1						
CKT	DESCRIPTION	BRKR	TYPE	LOAD	A (va)	B (va)	C (va)	LOAD	TYPE	BRKR	DESCRIPTION	CKT
1	FC1-1 & FC1-2	15/2	M	1248	1968			720	R	20/1	RECPs 116	2
3		/	M	1248	1968			720	R	20/1	RECPs 118	4
5	120V-24V, T-STAT INTERFACE	15/1	C	120				660	R	20/1	RECPs 118	6
6	EF-1	20/1	M	687	1867			1200	R	20/1	RECP 118, FRO	8
9	RECPs 119-122	20/1	M	720		1720		1200	R	20/1	RECP 118, COFFEE	10
11	RECPs 114	20/1	M	540			2040	1000	R	20/1	RECP 118, MW	12
13	RECPs 114,115 & 123	20/1	M	540	1040			500	R	20/1	RECP, CLG MTD 114	14
15	RECPs 114	20/1	M	540	1040			500	R	20/1	RECP, CLG MTD 114	16
17	RECPs 114,116 & 117	20/1	R	540			1040	500	R	20/1	RECP, CLG MTD 114	18
19	RECPs 114	20/1	R	540	1040			500	R	20/1	RECP, CLG MTD 114	20
21	RECPs 112	20/1	R	900			1620	720	R	20/1	RECPs 114	22
23								720	R	20/1	RECPs 114	24
25					0							26
27					0							28
29					0							30
31					0							32
33					0							34
35					735			735	I	20/1	LIGHTS, INTERIOR	36
37								1019	L	20/1	LIGHTS, INTERIOR	38
39								360	L	20/1	LIGHTS, EXTERIOR	40
41					4600	7367	4850					42
CONTINUOUS (C):		150 VA	MCB: YES		MAX. PHASE @125% = 76.7 A.		DEMAND TOTAL = 17.2 kVA					
NON-CONTINUOUS (N):		0 VA	MLO: -									
RECEP. (R):		11720 VA										
MOTOR (M) OR (M1):		3143 VA										
LIGHTING (L):		2144 VA										
KITCHEN > 1750W (K):		0 VA										
DEMAND CALC. PER ART 220												

PANELBOARD SCHEDULE												
PANEL: P2		PHASE: 3Ø		SCCR: 22k		LOCATION: VEST 108						
BUS RATING: 225 A. VOLTAGE: 120/208 V.		WIRE: 4		Bussing: Cu		NEMA TYPE: 1		MOUNTING: FLUSH				
CKT	DESCRIPTION	BRKR	TYPE	LOAD	A (va)	B (va)	C (va)	LOAD	TYPE	BRKR	DESCRIPTION	CKT
1	ENH-1 4.5HW/4.5HW	30/2	C	2250	3498			1248	M	15/2	FC2-1 & FC2-2	2
3	NON-SIMULTANEOUS	/	M	2250				1248	M	15/1		4
5	CP-1, TIMER KIT AQUASTAT	20/1	M	300		440		240	C	15/1	120V-24V, T-STAT INTERFACE	6
7	RECP 108-110	20/1	M	540	1872			1130	M	15/2	FC2-3 & FC3-1	8
9	RECPs 111,113	20/1	M	540		1672		1130	M	/		10
11	RECP 113	20/1	M	540		1672		207	M	20/1	EF-2 & EF-3	12
13	RECPs 102	20/1	M	360	900			540	R	20/1	RECPs 103	14
15	RECPs 102	20/1	M	360	900			540	R	20/1	RECPs 103	16
17	RECPs 102	20/1	M	360	900			540	R	20/1	RECPs 103	18
19	RECP FRIG 104	20/16	M	1200		2200		1000	R	20/1	RECP 101 COPIER	20
21	RECP 104	20/1	M	180		540		360	R	20/1	RECP 101	22
23	RECPs 104	20/1	M	900	1440			540	R	20/1	RECPs 105	24
25	RECPs 104	20/1	M	500		1040		540	R	20/1	RECPs 106	26
27	RECP 111	20/1	M	500		1040		540	R	20/1	RECPs 107	28
29	RECP 111	20/1	M	500		1700		1200	R	20/1	RECP LAB 102	30
31	RECP 1111	20/1	M	600	500			500				32
33					0							34
35					0							36
37					0							38
39					0							40
41	LIGHTS, INTERIOR	20/1	L	1126				1126				42
CONTINUOUS (C):		9625 VA	MCB: YES		MAX. PHASE @125% = 103.4 A.		DEMAND TOTAL = 24.4 kVA					
NON-CONTINUOUS (N):		0 VA	MLO: -									
RECEP. (R):		11850 VA										
MOTOR (M) OR (M1):		5467 VA										



1921 ROCKEFELLER DR.  
CERES, CA 95307

CITY OF CERES

CITY OF CERES WATER DIVISION

SUBMITTAL #

PROJECT DETAILS  
RED PROJECT NO: 22044  
SUBMITTAL DATE:

PROJECT REVISIONS

DATE DESCRIPTION

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SHEET TITLE  
SOUTH BUILDING  
SINGLE LINE DIAGRAM  
AND PANEL SCHEDULES

SHEET NUMBER

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STANISLAUS COUNTY  
BUILDING PERMIT SERVICES

E3.2

PANELBOARD SCHEDULE												
EXIST		PANEL: A		PHASE: 3Ø		SSCR: 22k		LOCATION: SOUTH BLDG		NEMA TYPE: 1		
		BUS RATING: 100 A.		WIRE: 4		BUSSING: Cu				MOUNTING: SURFACE		
CKT	DESCRIPTION	BRKR	TYPE	LOAD	A (va)	B (va)	C (va)	LOAD	TYPE	BRKR	DESCRIPTION	CKT
1		20/1			0	0	0				BLANKED OFF	2
3		20/1			0	0	0				BLANKED OFF	4
5		20/1			0	0	0				BLANKED OFF	6
7		20/1			0	0	0				BLANKED OFF	8
9	SPACE				0	0	0				BLANKED OFF	10
11	SPACE				0	0	0				BLANKED OFF	12
CONTINUOUS (C):		0 VA										
NON-CONTINUOUS (N):		0 VA										
RECEP. (R):		0 VA										
MOTOR (M) OR (M1):		0 VA										
LIGHTING (L):		0 VA										
KITCHEN >1750W (K):		0 VA										
DEMAND CALC. PER ART 220												
MCB: YES												
MLO: -												
MAX. PHASE @125% = 0.0 A.												
DEMAND TOTAL = 0.0 kVA												
= 0.0 A.												
@125% = 0.0 A.												

PANELBOARD SCHEDULE												
EXIST		PANEL: B		PHASE: 3Ø		SSCR: 22k		LOCATION: SOUTH BLDG		NEMA TYPE: 1		
		BUS RATING: 100 A.		WIRE: 4		BUSSING: Cu				MOUNTING: SURFACE		
CKT	DESCRIPTION	BRKR	TYPE	LOAD	A (va)	B (va)	C (va)	LOAD	TYPE	BRKR	DESCRIPTION	CKT
1	NEW LIGHTS	20/1	L	1407	1407	0	0				SPACE	2
3	(N) RECP GFCI, LT & EF-5	20/1	N	280	280	280	0				SPACE	4
5	(E) RECP	20/1	R	0	0	0	0				SPACE	6
7	(N) EWH-3	20/2	N	1560	1560	1560	0				SPACE	8
9	SPACE	/	N	1560	1560	1560	0				SPACE	10
11	SPACE			0	0	0	0				SPACE	12
CONTINUOUS (C):		0 VA										
NON-CONTINUOUS (N):		0 VA										
RECEP. (R):		0 VA										
MOTOR (M) OR (M1):		0 VA										
LIGHTING (L):		0 VA										
KITCHEN >1750W (K):		0 VA										
DEMAND CALC. PER ART 220												
MCB: YES												
MLO: -												
MAX. PHASE @125% = 30.9 A.												
DEMAND TOTAL = 4.8 kVA												
= 13.3 A.												
@125% = 16.6 A.												

PANELBOARD SCHEDULE												
EXIST		PANEL: C		PHASE: 3Ø		SSCR: 22k		LOCATION: SOUTH BLDG		NEMA TYPE: 1		
		BUS RATING: 100 A.		WIRE: 4		BUSSING: Cu				MOUNTING: SURFACE		
CKT	DESCRIPTION	BRKR	TYPE	LOAD	A (va)	B (va)	C (va)	LOAD	TYPE	BRKR	DESCRIPTION	CKT
1	(E) RECP	20/1	L	1407	1407	0	0				SPACE	2
3	(E) LIGHTS	20/1	L	0	0	0	0				SPACE	4
5	(E) RECP	20/1	R	0	0	0	0				SPACE	6
7	(N) EWH-2	20/2	N	0	0	0	0				SPACE	8
9	SPACE	/	N	0	0	0	0				SPACE	10
11	SPACE			0	0	0	0				SPACE	12
CONTINUOUS (C):		0 VA										
NON-CONTINUOUS (N):		0 VA										
RECEP. (R):		0 VA										
MOTOR (M) OR (M1):												



## CITY OF CERES WATER DIVISION

1921 ROCKEFELLER DR.  
CERES, CA 95307

CITY OF CERES

PROJECT DETAILS	
RED PROJECT NO: 22044	
SUBMITTAL DATE: 2024-03-20	
PROJECT REVISIONS	
DATE	DESCRIPTION

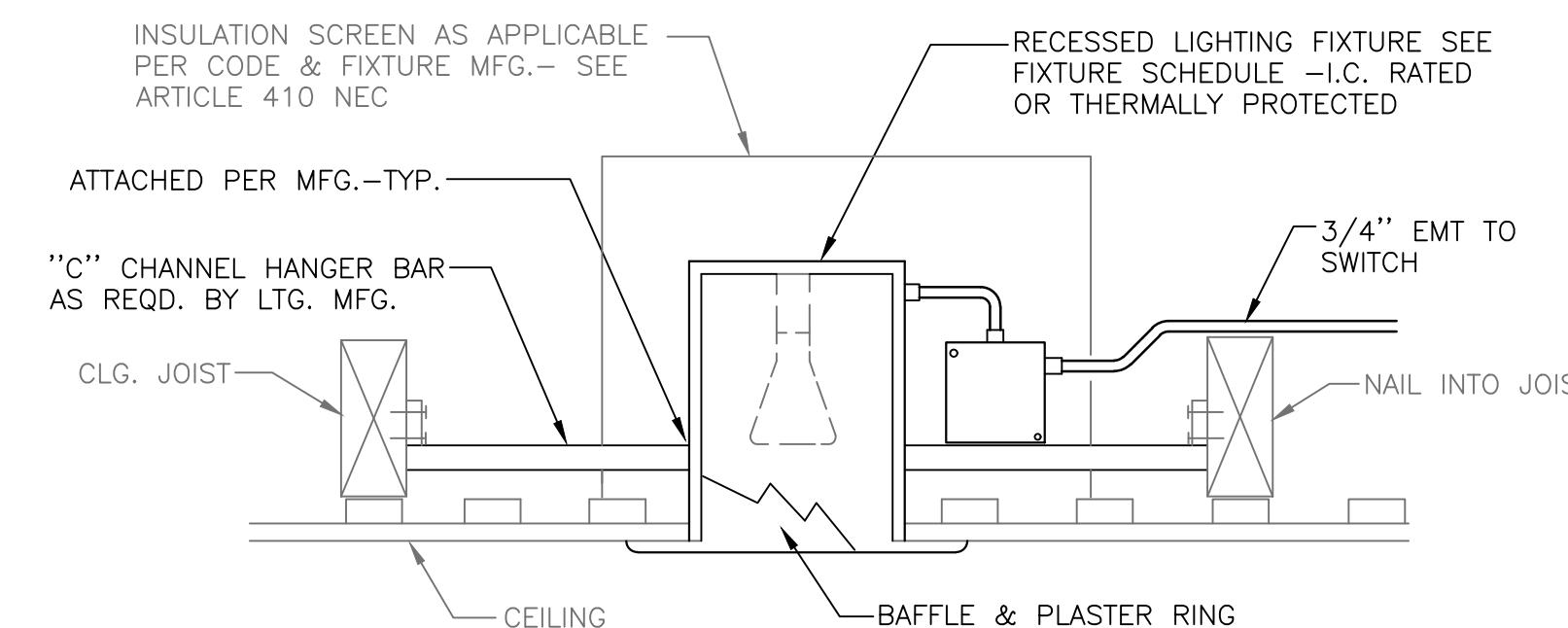
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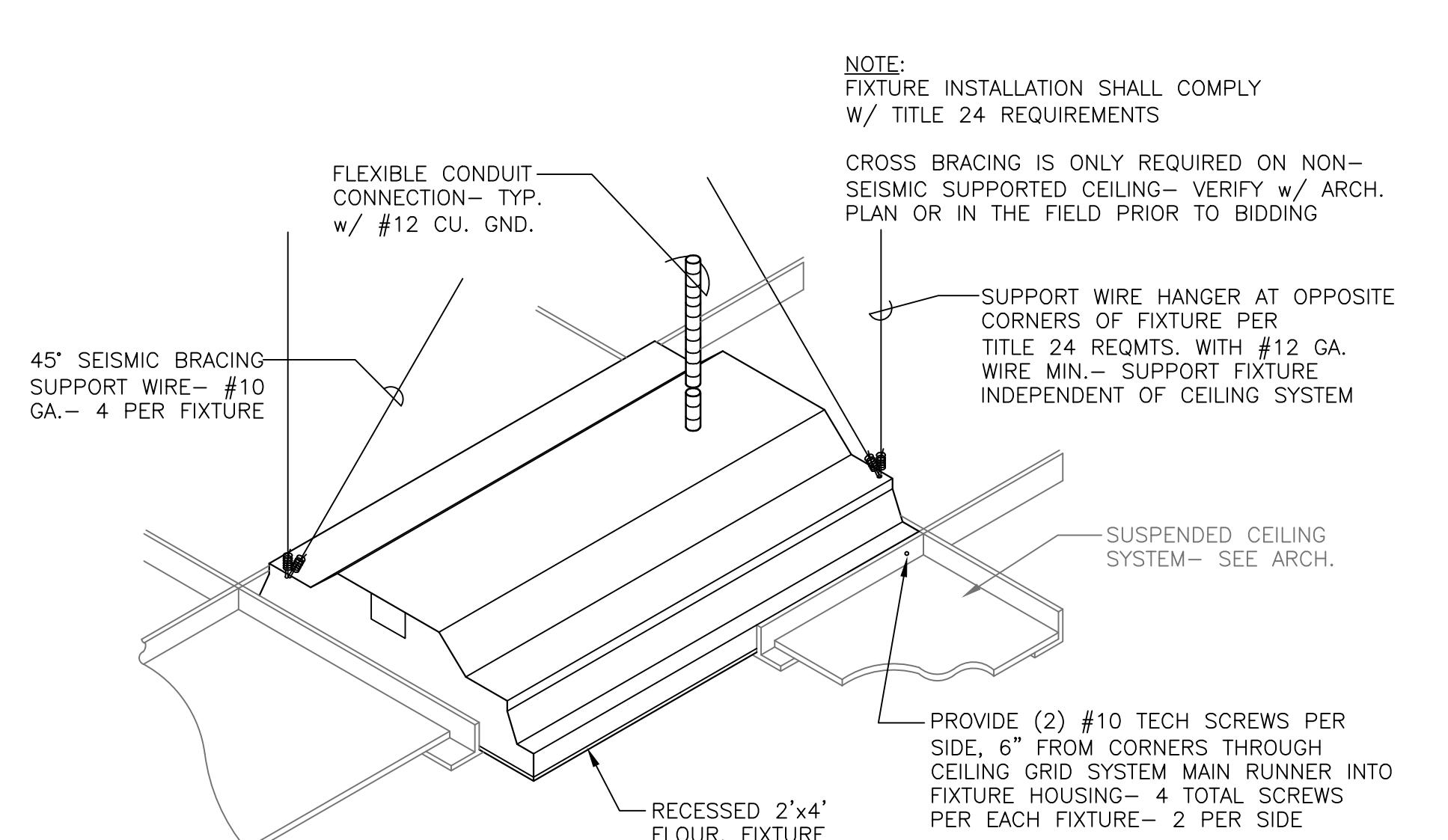
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BUILDING PERMIT SERVICES

**E4.1**



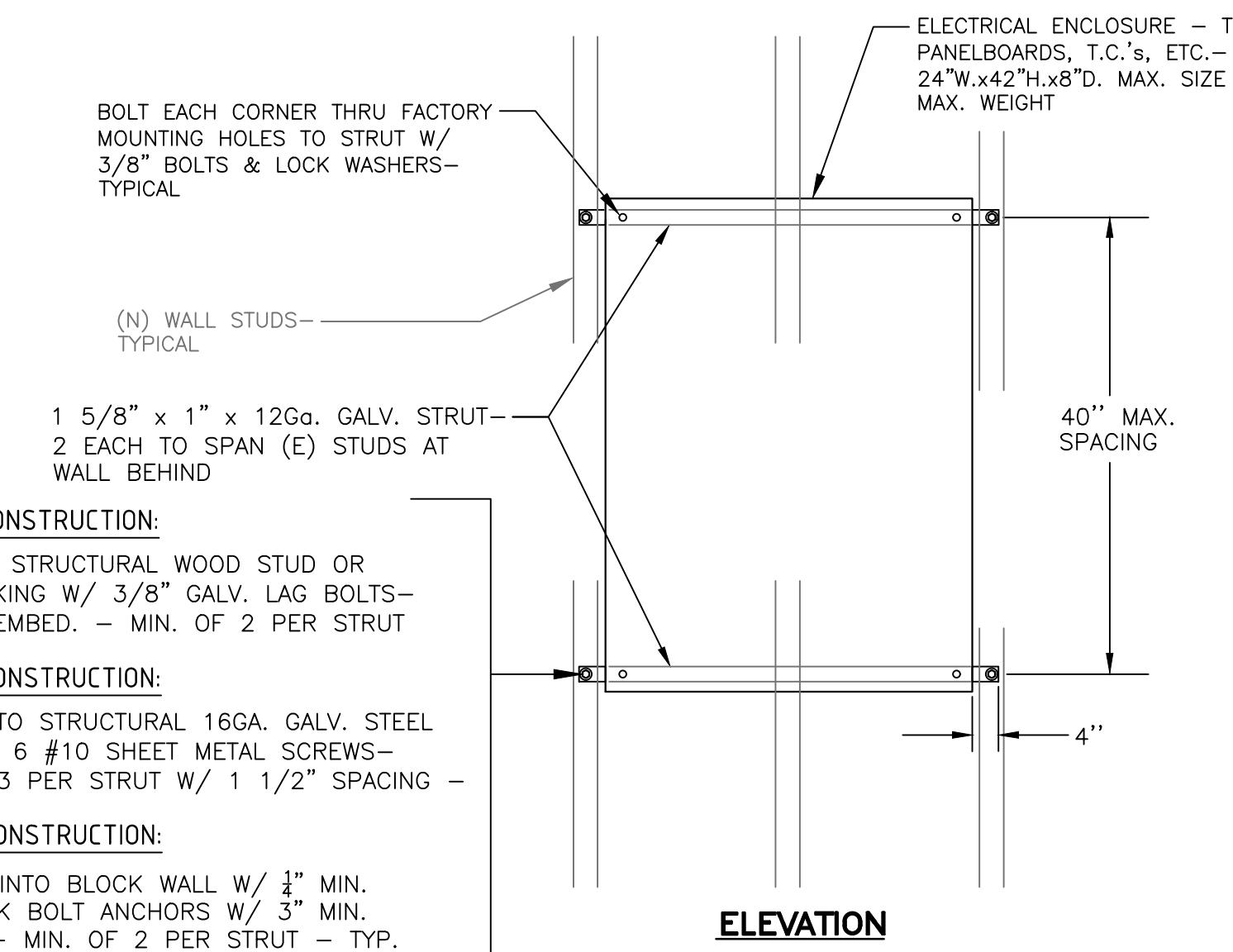
**③ RECESSED FIXTURE INSTALLATION**

SCALE: N.T.S.



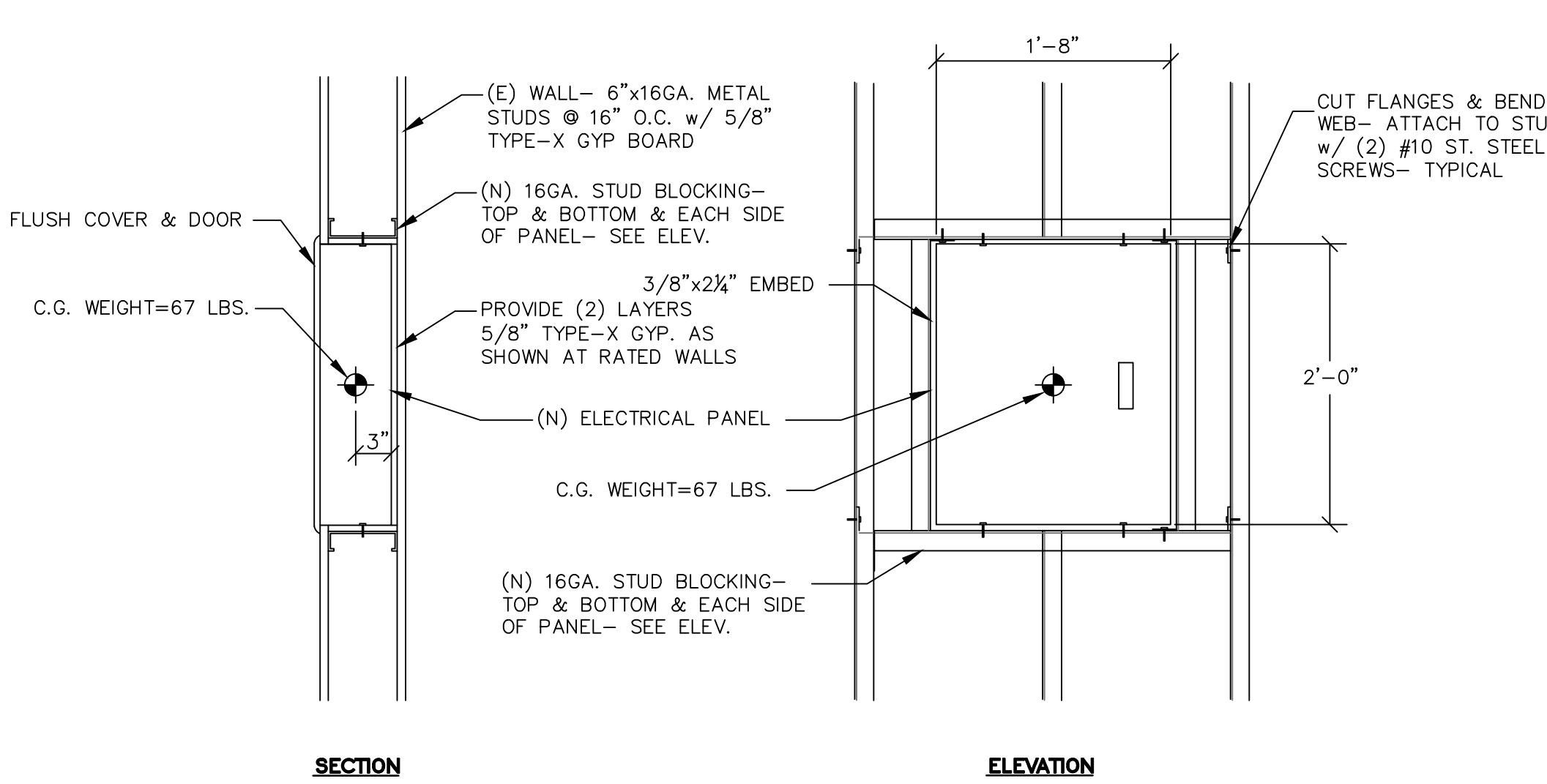
**② RECESSED FIXTURE AT SUSPENDED CEILING**

SCALE: N.T.S.



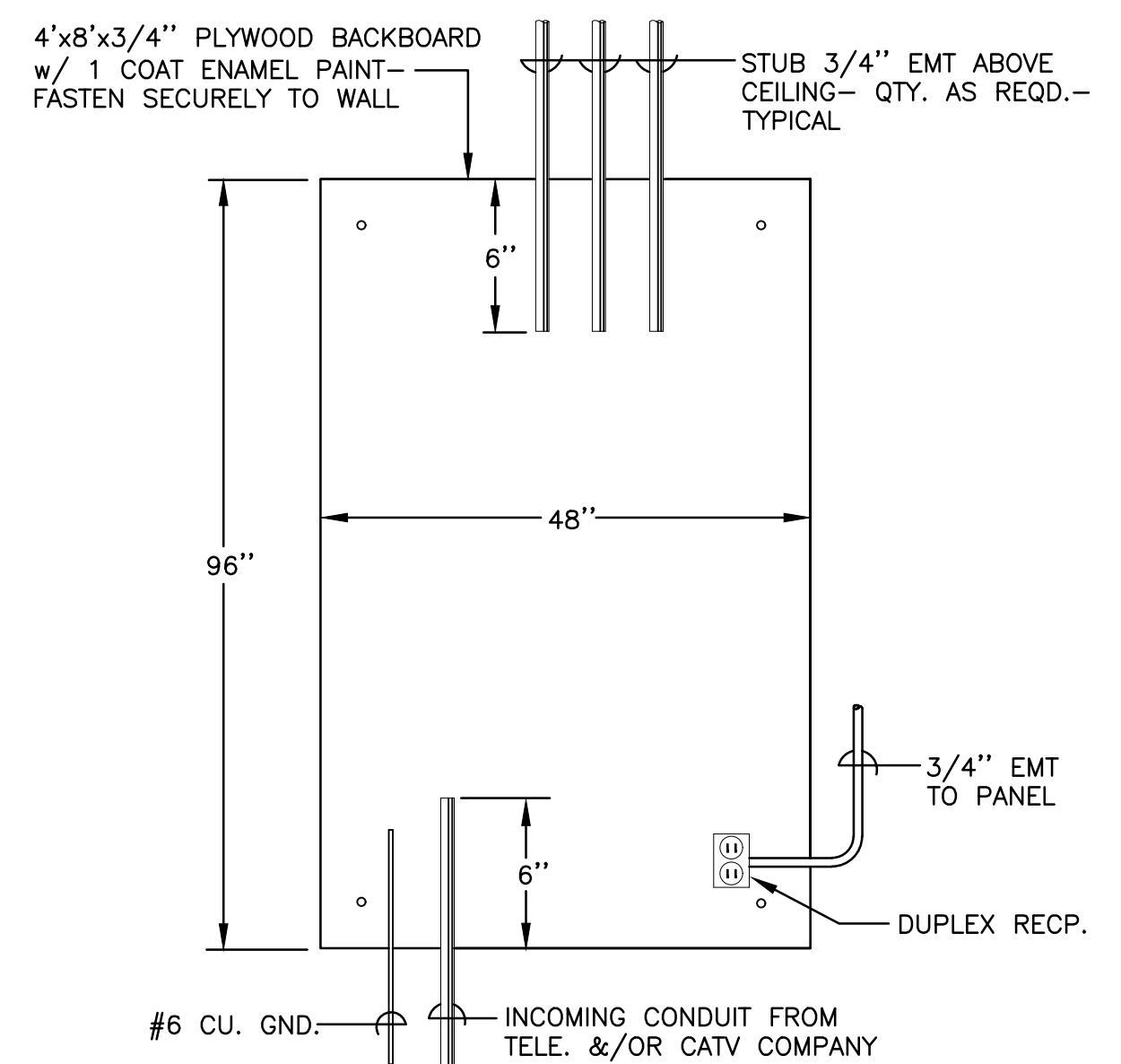
**① SURFACE PANEL MOUNTING - TYPICAL**

SCALE: N.T.S.



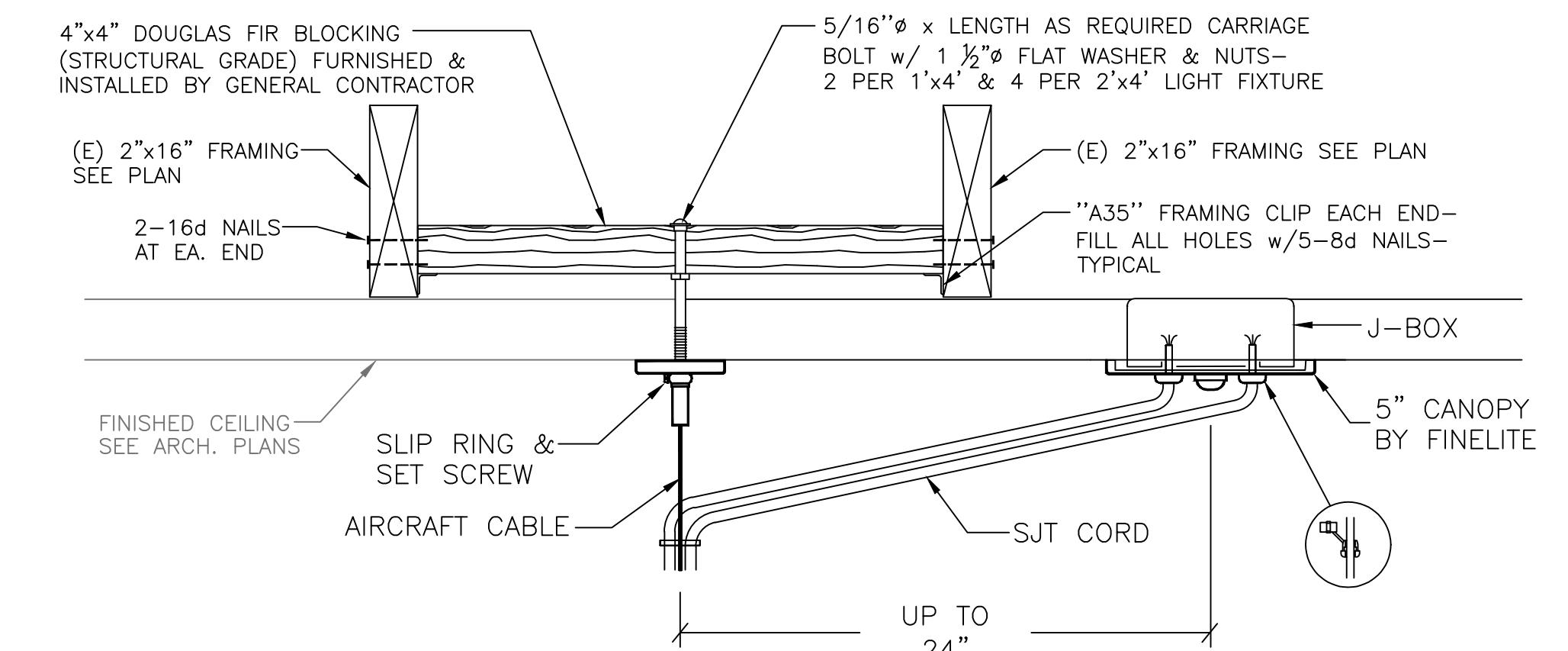
**⑥ FLUSH PANEL MOUNTING**

SCALE: N.T.S.



**⑤ SIGNAL/COMM. BACKBOARD**

SCALE: N.T.S.



**④ PENDANT LIGHT FIXTURE MOUNTING**

SCALE: N.T.S.

PROJECT DETAILS	
RED PROJECT NO:	22044
SUBMITTAL DATE:	
PROJECT REVISIONS	
DATE	DESCRIPTION

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TITLE 24  
COMPLIANCE FORMS  
(INDOOR)

SHEET NUMBER

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**E5.1**

STATE OF CALIFORNIA  
Indoor Lighting  
CALIFORNIA ENERGY COMMISSION  
NRCCLTI-E

CERTIFICATE OF COMPLIANCE  
This document is used to demonstrate compliance with requirements in 110.9, 110.12(c), 130.0, 130.1, 140.6 and 141.0(b)2 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.

Project Name: CITY OF CERES WATER DIVISION  
Report Page: (Page 1 of 9)  
Project Address: Date Prepared: 2024-03-18T22:02:23-04:00

**A. GENERAL INFORMATION**

01 Project Location (city)	CERES	04 Total Conditioned Floor Area (ft <sup>2</sup> )	5,957
02 Climate Zone	12	05 Total Unconditioned Floor Area (ft <sup>2</sup> )	6,777
03 Occupancy Types Within Project (select all that apply):		06 # of Stories (Habitable Above Grade)	1
<input checked="" type="checkbox"/> Office <input type="checkbox"/> Warehouse			

**B. PROJECT SCOPE**

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces	Unconditioned Spaces
01	02	03
My Project Consists of (check all that apply):	Calculation Method	Area (ft <sup>2</sup> )
<input checked="" type="checkbox"/> New Lighting System	Complete Building Method	5957
<input type="checkbox"/> New Lighting System - Parking Garage	Complete Building Method	6777
Total Area of Work (ft <sup>2</sup> )		5957
		6777

Generated Date/Time: Documentation Software: Energy Code Ace  
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 185414-0324-0002 Schema Version: rev 20220101 Report Generated: 2024-03-18 19:02:25

STATE OF CALIFORNIA  
Indoor Lighting  
CALIFORNIA ENERGY COMMISSION  
NRCCLTI-F

CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION  
Report Page: (Page 4 of 9)  
Date Prepared: 2024-03-18T22:02:23-04:00

**G. MODULAR LIGHTING SYSTEMS**  
This section does not apply to this project.

**H. INDOOR LIGHTING CONTROLS (Not including PAFs)**  
This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls		01	02	03	Field Inspector
Mandatory Demand Response 110.12(c)		Shut-off controls 130.1(c) / 160.5(b)4C			Pass Fail
NA < 4,000W subject to multilevel		See Area/Space Level Controls			<input type="checkbox"/> <input checked="" type="checkbox"/>

Area Level Controls		04	05	06	07	08	09	10	11	12	Field Inspector	
Area Description		Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(g) // 160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) / 160.5(b)4D	Secondary Daylighting 130.1(e) / 160.5(b)4E	Interlocked Systems 170.2(e)2A	Field Inspector			
130, 129, 127 WAREHOUSE		All Other Occupancies	Readily Accessible	NA: General Ltg <= 0.5W/SF	Occupancy Sensor	Included	NA: Not daylit zone	No	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
111, 115-8, 122-3, 126, 128 W/R WAREHOUSE, LOCKER, STORAGE, AV, IT		All Other Occupancies	Readily Accessible	NA: General Ltg <= 0.5W/SF	Occupancy Sensor	Included	NA: Not daylit zone	No	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
100, 101, 104, 108 LOBBY/HALLWAY/VESTIBULE		Office	Readily Accessible	Dimmer	Occupancy Sensor	NA: General Ltg <= 120W	NA: General Ltg <= 120W	No	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
102, 103, 105-7 CONFERENCE, LAB, OFFICES		Office	Readily Accessible	Dimmer	Occupancy Sensor	NA: General Ltg <= 120W	NA: General Ltg <= 120W	No	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
109, 110, 119-121		Office	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 185414-0324-0002 Schema Version: rev 20220101 Report Generated: 2024-03-18 19:02:25

STATE OF CALIFORNIA  
Indoor Lighting  
CALIFORNIA ENERGY COMMISSION  
NRCCLTI-F

CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION  
Report Page: (Page 7 of 9)  
Date Prepared: 2024-03-18T22:02:23-04:00

**R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS**  
This section does not apply to this project.

**S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)**  
This section does not apply to this project.

**T. DWELLING UNIT LIGHTING**  
This section does not apply to this project.

**U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION**  
Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks: These documents must be provided to the building inspector during construction and can be found online.

Form/Title	Systems/Spaces To Be Filed Verified
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NRCCLTI-E - Must be submitted for all buildings

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Generated Date/Time: Documentation Software: Energy Code Ace  
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 185414-0324-0002 Schema Version: rev 20220101 Report Generated: 2024-03-18 19:02:25

STATE OF CALIFORNIA  
Indoor Lighting  
CALIFORNIA ENERGY COMMISSION  
NRCCLTI-E

CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION  
Report Page: (Page 2 of 9)  
Date Prepared: 2024-03-18T22:02:23-04:00

**C. COMPLIANCE RESULTS**  
If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e)	Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts)				Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)				Compliance Results	
	01	02	03	04	05	06	07	08	09	10
Complete Building 140.6(c)1 / 170.2(e)4	Area Category 140.6(c)2 / 170.2(e)4	Area Category 140.6(c)3 / 170.2(e)4B	Tailored 170.2(e)1B (+)	=	Total (Watts)	PAF Lighting Control Credits 140.6(a)2 / 170.2(e)1B (-)	Total Adjusted (Watts) *Includes Adjustments	05 must be > 08 140.6 / 170.2(e)		
(See Table I) (See Table I) (See Table J) (See Table K)					(See Table P)	(See Table P)				
Conditioned 3,574.2				= 3,574.2	> 2,949.6		= 2949.6			
Unconditioned 2,710.8				= 2,710.8	> 2,189.6		= 2189.6			
Controls Compliance (See Table H for Details)										
Rated Power Reduction Compliance (See Table Q for Details)										

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 185414-0324-0002 Schema Version: rev 20220101 Report Generated: 2024-03-18 19:02:25

STATE OF CALIFORNIA  
Indoor Lighting  
CALIFORNIA ENERGY COMMISSION  
NRCCLTI-E

CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION  
Report Page: (Page 5 of 9)  
Date Prepared: 2024-03-18T22:02:23-04:00

**H. INDOOR LIGHTING CONTROLS (Not including PAFs)**

112 STORAGE	Office	Readily Accessible	NA: General Ltg <= 0.5W/SF	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	<input type="checkbox"/>	<input checked="" type="checkbox"/>
113 SUPPLY	Office	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	<input type="checkbox"/>	<input checked="" type="checkbox"/>
114, 118 BUSINESS	Office	Readily Accessible	Dimmer	Occupancy Sensor	Included	NA: Not daylit zone	No	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Plan Sheet Showing Daylit Zones: E2.2									

**I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS**  
Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used.

Conditioned Spaces		01	02	03	04	05	06
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft <sup>2</sup> )	Area (ft <sup>2</sup> )	Allowed Wattage (Watts)	Additional Allowance / Adjustment PAF	Area Category	
OFFICE BUILDING	Office	0.6	5,957	3,574.2	No	No	
TOTALS:		5,957	5,957	3,574.2		See Tables J, or P for detail	

**Unconditioned Spaces**

Area Description		01	02	03	04	05	06
WAREHOUSE	All Other Occupancies	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft <sup>2</sup> )	Area (ft <sup>2</sup> )	Allowed Wattage (Watts)	Additional Allowance / Adjustment PAF	Area Category
TOTALS:		6,777	6,777	2,710.8	No	No	See Tables J, or P for detail

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 185414-0324-0002 Schema Version: rev 20220101 Report Generated: 2024-03-18 19:02:25

STATE OF CALIFORNIA  
Indoor Lighting  
CALIFORNIA ENERGY COMMISSION  
NRCCLTI-E

CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION  
Report Page: (Page 8 of 9)  
Date Prepared: 2024-03-18T22:02:23-04:00

**V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**  
Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks: These documents must be provided to the building inspector during construction and any with "A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcp/providers.html>

Form/Title	Systems/Spaces To Be Filed Verified
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NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.

NRCA-LTI-03-A - Must be submitted for automatic daylight controls.

130, 129, 127 WAREHOUSE; 111, 115-8, 122-3, 126, 128 W/R WAREHOUSE, LOCKER, STORAGE, AV, IT; 100, 101, 104, 108 LOBBY/HALLWAY/VESTIBULE; 102, 103, 105-7 CONFERENCE, LAB, OFFICES; 109, 110, 119-121; 114, 118 BUSINESS

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 185414-0324-0002 Schema Version: rev 20220101 Report Generated: 2024-03-18 19:02:25

Generated Date/Time: Documentation Software: Energy Code Ace  
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 185414-0324-0002 Schema Version: rev 20220101 Report Generated: 2024-03-18 19:02:25

STATE OF CALIFORNIA  
Indoor Lighting  
CALIFORNIA ENERGY COMMISSION  
NRCCLTI-E

CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION  
Report Page: (Page 9 of 9)  
Date Prepared: 2024-03-18T22:02:23-04:00

**F. INDOOR LIGHTING FIXTURE SCHEDULE**  
This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table F. If using Table F to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

Designed Wattage: Conditioned Spaces									
01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change <sup>1</sup>	Watts per luminaire <sup>2</sup>	How is Wattage determined	Total Number of Luminaires	Excluded per 140.6(a)3 / 170.2(e)2C	Design Watts	Field Inspector
A	2X4 TROFFER	NA	NA	37.2	Mfr. Spec	21	No	781.2	<input type="checkbox"/> <input checked="" type="checkbox"/>
B/BE	1X4 FLAT PANEL	No	NA	40	Mfr. Spec	12	No	480	<input type="checkbox"/> <input checked="" type="checkbox"/>
C1/C1E	8' INDUSTRIAL STRIP	No	NA	87.9	Mfr. Spec	8	No	703.2	<input type="checkbox"/> <input checked="" type="checkbox"/>
C2	4' INDUSTRIAL STRIP	No	NA	33	Mfr. Spec	5	No	165	<input type="checkbox"/> <input checked="" type="checkbox"/>
C3	2' INDUSTRIAL STRIP	No	NA	10.8	Mfr. Spec	2	No	21.6	<input type="checkbox"/> <input checked="" type="checkbox"/>
D/DE	6" DOWNLIGHT	No	NA	13.8	Mfr. Spec	13	No	179.4	<input type="checkbox"/> <input checked="" type="checkbox"/>
F/FE	24' LINEAR PENDANT	No	NA	309.6	Mfr. Spec	2	No	619.2	<input type="checkbox"/> <input checked="" type="checkbox"/>



**PROJECT DETAILS**  
RED PROJECT NO: 22044  
SUBMITTAL DATE: \_\_\_\_\_

**PROJECT REVISIONS**  
DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_

**SHEET DETAILS**  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
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**SHEET TITLE**  
**TITLE 24**  
**COMPLIANCE FORMS**  
(OUTDOOR)

**STATE OF CALIFORNIA**  
**Outdoor Lighting**  
**CERTIFICATE OF COMPLIANCE**  
NRCC-LTO-E  
This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)2l for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)4Bv for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.

Project Name: CITY OF CERES WATER DIVISION Report Page: \_\_\_\_\_  
Page 1 of 8  
Project Address: \_\_\_\_\_ Date Prepared: 2024-03-18T22:11:23-04:00

**A. GENERAL INFORMATION**

01 Project Location (city)	CERES	04 Total Illuminated Hardscape Area (ft <sup>2</sup> )	17500
02 Climate Zone	12		
03 Outdoor Lighting Zone per Title 24 Part 1.10.114 or as designated by Authority Having Jurisdiction (AHJ):			
<input type="checkbox"/> 12-0: Very Low - Undeveloped Parkland	<input type="checkbox"/> 12-2: Moderate - Urban Clusters	<input type="checkbox"/> 12-4: High - Must be reviewed by CA Energy Commission for Approval	
<input type="checkbox"/> 12-1: Low - Rural Areas	<input checked="" type="checkbox"/> 12-3: Moderately High - Urban Areas		
05 Occupancy Types within Project			
• Office • Warehouse			

**B. PROJECT SCOPE**

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)6 or 141.0(b)2l / 180.2(b)4Bv for alterations.

My Project Consists of:

01	02
<input checked="" type="checkbox"/> New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)6
<input type="checkbox"/> Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
03	04
% of Existing Luminaire Being Altered <sup>1</sup>	Sum Total of Luminaire Being Added or Altered
<input type="checkbox"/> < 10% <input type="checkbox"/> > 10% and < 50% <input checked="" type="checkbox"/> >= 50%	Calculation Method

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaire.

<sup>1</sup>FOOTNOTES: % of Existing Luminaire Being Altered = (Sum total of Luminaire Being Added or Altered / Existing Luminaire within the Scope of the Permit Application) x 100.

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 185414-0324-0003 Report Generated: 2024-03-18 19:11:25

**STATE OF CALIFORNIA**  
**Outdoor Lighting**  
**CERTIFICATE OF COMPLIANCE**  
NRCC-LTO-E  
Project Name: CITY OF CERES WATER DIVISION Report Page: \_\_\_\_\_  
Page 2 of 8  
Date Prepared: 2024-03-18T22:11:23-04:00

**C. COMPLIANCE RESULTS**

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2l / 180.2(b)4Bv										Compliance Results			
01	02	03	04	05	06	07	08	09	09	Total Allowed (Watts)	≥	Total Actual (Watts)	07 must be >= 08
General Hardscape Allowance	+ Application	+ Sales Frontage	+ Ornamental	+ Per Specific Area	OR	Existing Power							
140.7(d)1 / 170.2(e)6 (See Table I)	+ 140.7(d)2 / 170.2(e)6 (See Table J)	+ 140.7(d)3 / 170.2(e)6 (See Table K)	+ 140.7(d)4 / 170.2(e)6 (See Table L)	+ 140.7(d)5 / 170.2(e)6 (See Table M)		141.0(b)2l / 180.2(b)4Bv (See Table N)							
715.1	+ 209	+ ---	+ ---	+ ---	OR	---	=	924.1	≥	702	COMPLIES		
Shielding Compliance (See Table G for Details)													
Controls Compliance (See Table H for Details)													

**D. EXCEPTIONAL CONDITIONS**

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

**E. ADDITIONAL REMARKS**

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 185414-0324-0003 Report Generated: 2024-03-18 19:11:25

**STATE OF CALIFORNIA**  
**Outdoor Lighting**  
**CERTIFICATE OF COMPLIANCE**  
NRCC-LTO-E  
Project Name: CITY OF CERES WATER DIVISION Report Page: \_\_\_\_\_  
Page 3 of 8  
Date Prepared: 2024-03-18T22:11:23-04:00

**F. OUTDOOR LIGHTING FIXTURE SCHEDULE**

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 140.7(b)2l only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (i.e. existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Watts per luminaire <sup>1,2</sup>	How is Wattage determined	Total Number Luminaires <sup>3</sup>	Luminaire Status <sup>4</sup>	Excluded per 170.2(e)6A	Design Watts	Lighting fixture > 6,200 initial lumen output	Field Inspector
G	WALL PACK	Linear	78	Mfr. Spec.	9	New	702	Provided	□ □
Total Design Watts: 702									

<sup>1</sup>NOTES: Selections with a \* require a note in the space below explaining how compliance is achieved.  
<sup>2</sup>FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 180.5(b)

<sup>3</sup>Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing" for existing luminaires which are being removed and reinstated as part of the project scope.

<sup>4</sup>Compliance with mandatory shielding requirements is required for luminaires with initial lumen output > 6,200 unless exempted by 130.2(b) / 160.5(c)

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 185414-0324-0003 Report Generated: 2024-03-18 19:11:25

**STATE OF CALIFORNIA**  
**Outdoor Lighting**  
**CERTIFICATE OF COMPLIANCE**  
NRCC-LTO-E  
Project Name: CITY OF CERES WATER DIVISION Report Page: \_\_\_\_\_  
Page 4 of 8  
Date Prepared: 2024-03-18T22:11:23-04:00

**G. SHIELDING REQUIREMENTS (BUG)**

This table includes fixtures of >=6,200 initial lumens indicated on Table F as needing to comply with Shielding Requirements. Maximum lumens can be found in Title 24, Part 11, Section 5.106.8.

01	02	03	04	05	06	07	08	09	10	11	12	Field Inspector
Name or Item Tag	Complete Luminaire Description	Backlight Rating <sup>2</sup>	Uplight Rating <sup>2</sup>	Glare Rating (Lumens) <sup>3</sup>								
G	WALL PACK	Back hemisphere is 3	B4	B3	Area Lighting	U0	U0	> 2 MH from property line	G3	G2	□ □	

<sup>1</sup>FOOTNOTES: Mounting Height is labeled MH in this table.  
<sup>2</sup>Authority Having Jurisdiction may ask for Luminaire cut sheets or other documentation to confirm luminaire type, uplight ratings and glare ratings used for compliance per 130.2(b) / 160.5(c)  
<sup>3</sup>BUG ratings with a lower number than the 'Max Allowable' are compliant. Ex. If Max Allowable is Bug Rating B4, then B0, B1, B2 and B3 are all compliant.

**H. OUTDOOR LIGHTING CONTROLS**

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (i.e. untouched) and luminaires which are removed and reinstated (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.

Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit or included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

**Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings**

01	02	03	04	05
Area Description	Shut-Off 130.2(j)1 / 160.5(c)	Auto-Schedule 130.2(j)2 / 160.5(c)	Motion Sensor 130.2(c)3 / 160.5(c)	Field Inspector
PARKING LOT: "G"	Photocontrol	Provided	Provided	Pass Fail

<sup>1</sup>FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.  
<sup>2</sup>Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.  
<sup>3</sup>Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are exempted from ii and iii.

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Generated Date/Time: \_\_\_\_\_ Documentation Software: Energy Code Ace  
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 185414-0324-0003 Report Generated: 2024-03-18 19:11:25

**STATE OF CALIFORNIA**  
**Outdoor Lighting**  
**CERTIFICATE OF COMPLIANCE**  
NRCC-LTO-E  
Project Name: CITY OF CERES WATER DIVISION Report Page: \_\_\_\_\_  
Page 5 of 8  
Date Prepared: 2024-03-18T22:11:23-04:00

**J. LIGHTING ALLOWANCE: PER APPLICATION**

This table includes areas using the wattage allowance per application from Table 140.7-B / Table 170.2-S.

01	02	03	04	05	06	07	08	09	10
Area Description	Application per Table 140.7-B <sup>1</sup>	General Hardscape Allowance Table J (below)	Per Application Table K	Sales Frontage Table L	Ornamental Table M	Use it or lose it <sup>2</sup> Allowance (select all that apply) (select all that apply)			
PARKING LOT	17500	0.021	367.5	488	97.6	250	Total General AWA + LWA (Watts)	702	Total Allowance (Watts) All Areas: 209

<sup>1</sup>FOOTNOTES: Primary entrance applications are only available for senior care facilities, healthcare facilities, police stations, hospitals, fire stations, and emergency vehicle facilities.  
<sup>2</sup>The Allowance per Location for ATMs is 100W for the first ATM and 35W for each additional per Table 140.7-B / Table 170.2-S.

**K. LIGHTING ALLOWANCE: SALES FRONTAGE**

This section does not apply to this project.

**L. LIGHTING ALLOWANCE: ORNAMENTAL**

This section does not apply to this project.

**M. LIGHTING ALLOWANCE: PER SPECIFIC AREA**

This section does not apply to this project.

**N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)**

This section does not apply to this project.

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 185414-0324-0003 Report Generated: 2024-03-18 19:11:25

Generated Date/Time: \_\_\_\_\_ Documentation Software: Energy Code Ace  
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 185414-0324-0003 Report Generated: 2024-03-18 19:11:25

**STATE OF CALIFORNIA**  
**Outdoor Lighting**  
**CERTIFICATE OF COMPLIANCE**  
NRCC-LTO-E  
Project Name: CITY OF CERES WATER DIVISION Report Page: \_\_\_\_\_  
Page 7 of 8  
Date Prepared: 2024-03-18T22:11:23-04:00

**O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION**

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online Form/Title

NRCI-LTO-E - Must be submitted for all buildings

**P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**

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Form/Title Systems/Spaces To Be Filed Verified

NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires. PARKING LOT: "G"

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 185414-0324-0003 Report Generated: 2024-03-18 19:11:25

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**STATE OF CALIFORNIA**  
**Outdoor Lighting**  
**CERTIFICATE OF COMPLIANCE**  
NRCC-LTO-E  
Project Name: CITY OF CERES WATER DIVISION Report Page: \_\_\_\_\_  
Page 8 of 8  
Date Prepared: 2024-03-18T22:11:23-04:00

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Kevin Pezzoni  
Company: Pezzoni Engineering, Inc.  
Address: 1217 J Street, Suite 440, Modesto, CA 95354  
City/State/Zip: \_\_\_\_\_  
Documentation Author Signature:

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**

I certify the following under penalty of perjury under the laws of the state of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Building and Safety Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I have read and completed signed copy of this Certificate of Compliance that is made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder presents to the building owner at occupancy.

Responsible Designer Name: Kevin Pezzoni  
Company: Pezzoni Engineering, Inc.  
Address: 1217 J Street, Suite 440, Modesto, CA 95354  
City/State/Zip: \_\_\_\_\_  
Date Signed: \_\_\_\_\_  
License: \_\_\_\_\_  
Phone: \_\_\_\_\_

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
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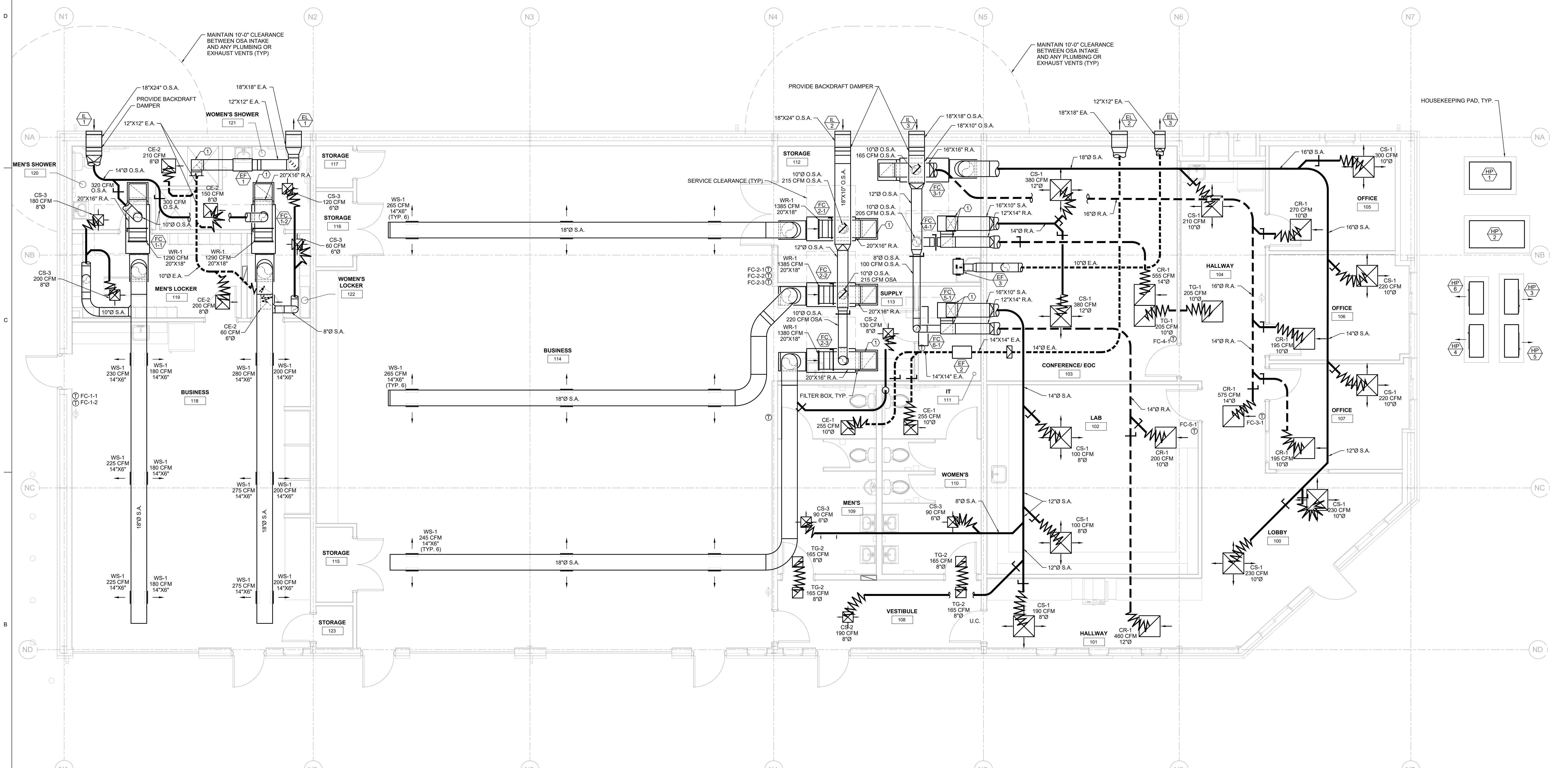


## MECHANICAL GREEN BUILDING CODE NOTES

REQUIRED	SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS	REQUIRED	SECTION 5.502 DEFINITIONS (CONT)
	5.410.1 DOCUMENTATION, TRAINING, AND SYSTEMS OPERATIONS THAT SERVE THE ENTIRE BUILDING AND ARE IDENTIFIED FOR THE DEPOSITING, STORAGE AND COLLECTION OF NON-HAZARDOUS MATERIALS FOR RECYCLING, INCLUDING (AT A MINIMUM) PAPER, CORRUGATED CARDBOARD, GLASS, PLASTICS, ORGANIC WASTE, AND METALS OR MEET A LAWFULLY ENACTED LOCAL REGULATIONS, IF MORE RESTRICTIVE.		ELECTRIC VEHICLE CHARGING STATION(S) (EVCS), ONE OR MORE SPACES INTENDED FOR CHARGING ELECTRIC VEHICLES.
	EXCEPTION: RURAL JURISDICTIONS THAT MEET AND APPLY FOR THE EXEMPTION IN PUBLIC REGULATIONS, SECTION 5.410.1(A) AND SECTION 5.410.1(A)(1) OF THE CALIFORNIA CODE OF REGULATIONS, SECTION 42649.82 (A)(2)(A) ET SEQ. SHALL ALSO BE EXEMPT FROM THE ORGANIC WASTE PORTION OF THIS SECTION.		ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE), THE CONDUCTORS, INCLUDING THE UNGROUNDED, GROUNDED, AND EQUIPMENT GROUNDING CONDUCTORS AND THE ELECTRIC VEHICLE CONNECTORS, ATTACHMENT PLUGS, AND ALL OTHER FITTINGS, DEVICES, POWER OUTLETS, OR APPARATUS INSTALLED SPECIFICALLY FOR THE PURPOSE OF TRANSFERRING ENERGY BETWEEN THE PREMISES WIRING AND THE ELECTRIC VEHICLE.
	5.410.1.1 ADDITIONS. ALL ADDITIONS CONDUCTED WITHIN A 12-MONTH PERIOD UNDER SINGLE OR MULTIPLE PERMITS, RESULTING IN AN INCREASE OF 30% OR MORE IN FLOOR AREA, SHALL PROVIDE RECYCLING AREAS ON SITE.		ENERGY EQUIVALENT (NOISE) LEVEL (LEQ). THE LEVEL OF A STEADY NOISE WHICH WOULD HAVE THE SAME ENERGY AS THE FLUCTUATING NOISE LEVEL INTEGRATED OVER THE TIME OF PERIOD OF INTEREST.
	EXCEPTION: ADDITIONS WITHIN A TENANT SPACE RESULTING IN LESS THAN A 30% INCREASE IN THE TENANT SPACE FLOOR AREA.		EXPRESSWAY. AN ARTERIAL HIGHWAY FOR THROUGH TRAFFIC WHICH MAY HAVE PARTIAL CONTROL OF ACCESS, BUT WHICH MAY OR MAY NOT BE DIVIDED OR HAVE GRADE SEPARATIONS AT INTERSECTIONS.
	5.410.1.2 SAMPLE ORDINANCE. SPACE ALLOCATION FOR RECYCLING AREAS SHALL COMPLY WITH CHAPTER 18, PART 3, DIVISION 30 OF THE PUBLIC RESOURCES CODE. CHAPTER 18 IS KNOWN AS THE CALIFORNIA SOLID WASTE REUSE AND RECYCLING ACCESS ACT OF 1991 (ACT).		FREEWAY. A DIVIDED ARTERIAL HIGHWAY WITH FULL CONTROL OF ACCESS AND WITH GRADE SEPARATIONS AT INTERSECTIONS.
	NOTE: A SAMPLE ORDINANCE FOR USE BY LOCAL AGENCIES MAY BE FOUND IN APPENDIX A OF THE DOCUMENT AT THE CALRECYCLE'S WEB SITE.		GLOBAL WARMING POTENTIAL (GWP). THE RADIAVIVE FORCING IMPACT OF ONE MASS-BASED UNIT OF A GIVEN GREENHOUSE GAS RELATIVE TO AN EQUIVALENT UNIT OF CARBON DIOXIDE OVER A GIVEN PERIOD OF TIME. CARBON DIOXIDE IS THE REFERENCE COMPOUND WITH A GWP OF ONE.
	5.410.2 COMMISSIONING. [N] FOR NEW BUILDINGS 10,000 SQUARE FEET AND OVER, BUILDING COMMISSIONING SHALL BE INCLUDED IN THE DESIGN AND CONSTRUCTION PROCESSES OF THE BUILDING PROJECT TO VERIFY THAT THE DESIGN SYSTEMS AND COMPONENTS MEET THE OWNER'S OR OWNER REPRESENTATIVE'S PROJECT REQUIREMENTS. COMMISSIONING SHALL BE PERFORMED IN ACCORDANCE WITH THE CALIFORNIA ENERGY CODE, SECTION 100.3.1.1, WHICH EXPLORES THE NEEDS OF COMPARABLE SIZE AND COMPLEXITY. ALL OCCUPANCIES OTHER THAN I-OCCUPANCIES AND L-OCCUPANCIES SHALL COMPLY WITH THE CALIFORNIA ENERGY CODE AS PRESCRIBED IN CALIFORNIA CODE OF REGULATIONS, SECTION 120. FOR OCCUPANCIES THAT ARE NOT REGULATED BY OSHPD OR FOR I-OCCUPANCIES AND L-OCCUPANCIES THAT ARE NOT REGULATED BY THE CALIFORNIA ENERGY CODE, SECTION 100.3 SCOPE, ALL REQUIREMENTS IN SECTIONS 5.410.2 THROUGH 5.410.6 SHALL APPLY.		GLOBAL WARMING POTENTIAL (GWP) VALUE (GWP VALUE). A 100-YEAR GWP VALUE PUBLISHED BY THE SCIENTIFIC ADVISORY PANEL FOR THE CALIFORNIA GREENHOUSE GAS EMISSIONS MANAGEMENT REPORT (SAP) (IPCC, 1995) OR ITS FOURTH ASSESSMENT REPORT (AR4) (IPCC, 2007). THE SAR GWP VALUES ARE FOUND IN COLUMN "SAR (100-YR)" OF TABLE 2.14. THE AR4 GWP VALUES ARE FOUND IN COLUMN "100 YR" OF TABLE 2.14.
	COMMISSIONING REQUIREMENTS SHALL INCLUDE:		HIGH-GWP REFRIGERANT. A COMPOUND USED AS A HEAT TRANSFER FLUID OR GAS THAT IS: (A) A CHLOROFUOROCARBON, A HYDROCHLOROFUOROCARBON, A HYDROFLUOROCARBON, A PERFLUOROCARBON, OR (B) AN OZONE DEPLETING SUBSTANCE AS DEFINED IN TITLE 40 OF THE CODE OF FEDERAL REGULATIONS, PART 82, SEC.82.3 (AS AMENDED MARCH 10, 2009).
	1. OWNER'S OR OWNER REPRESENTATIVE'S PROJECT REQUIREMENTS.		LONG RADIUS ELBOW. PIPE FITTING INSTALLED BETWEEN TWO LENGTHS OF PIPE OR TUBING TO ALLOW A CHANGE OF DIRECTION, WITH A RADIUS 1.5 TIMES THE PIPE DIAMETER.
	2. BASIS OF DESIGN.		LOW-GWP REFRIGERANT. A COMPOUND USED AS A HEAT TRANSFER FLUID OR GAS THAT: (A) HAS A GWP VALUE LESS THAN 150, AND (B) IS NOT AN OZONE DEPLETING SUBSTANCE AS DEFINED IN TITLE 40 OF THE CODE OF FEDERAL REGULATIONS, PART 82, SEC.82.3 (AS AMENDED MARCH 10, 2009).
	3. CONSTRUCTION MEASURES SHOWN IN THE CONSTRUCTION DOCUMENTS.		MERV. FILTER MINIMUM EFFICIENCY REPORTING VALUE, BASED ON ASHRAE 52.2-1999.
	4. COMMISSIONING PLAN.		MAXIMUM INCREMENTAL REACTIVITY (MIR). THE MAXIMUM CHANGE IN WEIGHT OF OZONE FORMED BY ADDING A COMPOUND TO THE 'BASE REACTIVE ORGANIC GAS (ROG) MIXTURE' PER WEIGHT OF COMPOUND ADDED, EXPRESSED TO HUNDRETHS OF A GRAM (G/G'RC).
	5. FUNCTIONAL PERFORMANCE TESTING.		PRODUCT-WEIGHTED MIR (PWMR). THE SUM OF ALL WEIGHTED-MIR FOR ALL INGREDIENTS IN A PRODUCT, SUBJECT TO THIS ARTICLE. THE PWMR IS THE TOTAL PRODUCT REACTIVITY EXPRESSED TO HUNDRETHS OF A GRAM OF OZONE FORMED PER GRAM OF PRODUCT (EXCLUDING CONTAINER AND PACKAGING).
	6. DOCUMENTATION AND TRAINING.		PSIG. POUNDS PER SQUARE INCH, GAUGE.
	7. COMMISSIONING REPORT.		REACTIVE ORGANIC COMPOUND (ROC). ANY COMPOUND THAT HAS THE POTENTIAL, ONCE EMITTED, TO CONTRIBUTE TO OZONE FORMATION IN THE TROPOSPHERE.
	EXCEPTIONS:		SCRADER ACCESS VALVES. ACCESS FITTINGS WITH A VALVE CORE INSTALLED.
	1. UNCONDITIONED WAREHOUSES OF ANY SIZE.		SHORT RADIUS ELBOW. PIPE FITTING INSTALLED BETWEEN TWO LENGTHS OF PIPE OR TUBING TO ALLOW A CHANGE OF DIRECTION, WITH A RADIUS 1.0 TIMES THE PIPE DIAMETER.
	2. AREAS LESS THAN 10,000 SQUARE FEET USED FOR OFFICES OR OTHER CONDITIONED ACCOMMODATIONS, INCLUDING UNCONDITIONED WAREHOUSES.		SUPERMARKET. FOR THE PURPOSES OF SECTION 5.502.2, A SUPERMARKET IS ANY RETAIL FOOD FACILITY WITH 8,000 SQUARE FEET OR MORE CONDITIONED AREA, THAT UTILIZES EITHER REFRIGERATED DISPLAY CASES, OR WALK-IN COOLERS OR FREEZERS CONNECTED TO REMOTE COMPRESSOR UNITS OR CONDENSING UNITS.
	3. TENANT IMPROVEMENTS LESS THAN 10,000 SQUARE FEET AS DESCRIBED IN SECTION 303.1.1.		VOC. A VOLATILE ORGANIC COMPOUND BROADLY DEFINED AS A CHEMICAL COMPOUND BASED ON CARBON CHAINS OR RINGS WITH VAPOR PRESSURES GREATER THAN 0.1 MILLIMETERS OF MERCURY AT ROOM TEMPERATURE. THESE COMPOUNDS TYPICALLY CONTAIN HYDROGEN AND MAY CONTAIN OXYGEN, NITROGEN AND OTHER ELEMENTS. SEE CCR TITLE 17, SECTION 4905(A).
	4. OPEN PARKING GARAGES OF ANY SIZE, OR OPEN PARKING GARAGE AREAS, OF ANY SIZE, WITHIN A STRUCTURE.		NOTE: WHERE SPECIFIC REGULATIONS ARE CITED FROM DIFFERENT AGENCIES SUCH AS SCACM, ARB, ETC., THE VOC DEFINITION INCLUDED IN THAT SPECIFIC REGULATION IS THE ONE THAT PREVAILS FOR THE SPECIFIC MEASURE IN QUESTION.
	NOTE: FOR THE PURPOSES OF THIS SECTION, UNCONDITIONED SHALL MEAN A BUILDING, AREA, OR ROOM WHICH DOES NOT PROVIDE HEATING AND OR AIR CONDITIONING.		SECTION 5.503 FIREPLACES
	INFORMATIONAL NOTES:		5.503.1.1 WOODSTOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
	1. IAS AC 476 IS AN ACCREDITATION CRITERIA FOR ORGANIZATIONS PROVIDING TRAINING AND DOCUMENTATION OF COMMISSIONING PERSONNEL. AC 476 IS AVAILABLE TO THE AUTHORITY HAVING JURISDICTION AS A REFERENCE FOR QUALIFICATIONS OF COMMISSIONING PERSONNEL. AC 476 DOES NOT CERTIFY INDIVIDUALS TO CONDUCT FUNCTIONAL PERFORMANCE TESTS OR TO ADJUST AND BALANCE SYSTEMS.		5.503.1.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS IN THE CALIFORNIA ENERGY CODE, TITLE 24, PART 6, SUBCHAPTER 7, SECTION 150. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.
	2. FUNCTIONAL PERFORMANCE TESTING FOR HEATING, VENTILATION, AIR CONDITIONING, SYSTEMS AND LIGHTING CONTROLS MUST BE PERFORMED IN COMPLIANCE WITH THE CALIFORNIA ENERGY CODE.		5.503.1.3.1 PELLET STOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
	5.410.2.1 OWNER'S OR OWNER REPRESENTATIVE'S PROJECT REQUIREMENTS (OPR). [N] THE EXPECTATIONS AND REQUIREMENTS OF THE BUILDING APPROPRIATE TO ITS PHASE SHALL BE DOCUMENTED IN THE DESIGN PHASE OF THE PROJECT BEGINS. THIS DOCUMENTATION SHALL INCLUDE THE FOLLOWING:		5.503.1.3.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS IN THE CALIFORNIA ENERGY CODE, TITLE 24, PART 6, SUBCHAPTER 7, SECTION 150. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.
	1. ENVIRONMENTAL AND SUSTAINABILITY GOALS.		5.503.1.4.1 PELLET STOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
	2. ENERGY EFFICIENCY GOALS.		5.503.1.4.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS IN THE CALIFORNIA ENERGY CODE, TITLE 24, PART 6, SUBCHAPTER 7, SECTION 150. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.
	3. INDOOR AIR QUALITY REQUIREMENTS.		5.503.1.5.1 PELLET STOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
	4. PROJECT PROGRAM, INCLUDING FACILITY FUNCTIONS AND HOURS OF OPERATION, AND NEED FOR AFTER HOURS OPERATION.		5.503.1.5.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS IN THE CALIFORNIA ENERGY CODE, TITLE 24, PART 6, SUBCHAPTER 7, SECTION 150. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.
	5. EQUIPMENT SYSTEMS EXPECTATIONS.		5.503.1.6.1 PELLET STOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
	6. BUILDING DOCUMENTATION AND OPERATION AND MAINTENANCE (O&M) PERSONNEL EXPECTATIONS.		5.503.1.6.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS IN THE CALIFORNIA ENERGY CODE, TITLE 24, PART 6, SUBCHAPTER 7, SECTION 150. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.
	4. COMMISSIONING TEAM INFORMATION.		5.503.1.7.1 PELLET STOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
	5. COMMISSIONING ACTIVITIES, SCHEDULES AND RESPONSIBILITIES. PLANS FOR THE COMPLETION OF COMMISSIONING SHALL BE INCLUDED.		5.503.1.7.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS IN THE CALIFORNIA ENERGY CODE, TITLE 24, PART 6, SUBCHAPTER 7, SECTION 150. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.
	5.410.2.4 FUNCTIONAL PERFORMANCE TESTING. [N] FUNCTIONAL PERFORMANCE TESTS SHALL DEMONSTRATE THE CORRECT INSTALLATION AND OPERATION OF EACH COMPONENT, SYSTEM AND SYSTEM-TO-SYSTEM INTERFACE IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. FUNCTIONAL PERFORMANCE TESTING REPORTS SHALL CONTAIN INFORMATION ADDRESSING EACH OF THE BUILDING COMPONENTS TESTED, THE TESTING METHODS UTILIZED, AND INCLUDE ANY READINGS AND ADJUSTMENTS MADE.		5.503.1.8.1 PELLET STOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
	NOTE: SEE CCR, TITLE 17, SECTION 93120.1.		5.503.1.8.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS IN THE CALIFORNIA ENERGY CODE, TITLE 24, PART 6, SUBCHAPTER 7, SECTION 150. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.
	5.410.2.5 DOCUMENTATION AND TRAINING. [N] A SYSTEMS MANUAL AND SYSTEMS OPERATIONS MANUAL, INCLUDING OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) REQUIREMENTS IN CALIFORNIA CODE OF REGULATIONS (CCR), TITLE 8, SECTION 5142, AND OTHER RELATED REGULATIONS.		5.503.1.9.1 PELLET STOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
	5.410.2.6 SYSTEMS MANUAL. [N] DOCUMENTATION OF THE OPERATIONAL ASPECTS OF THE BUILDING SHALL BE COMPLETED WITHIN THE SYSTEMS MANUAL AND DELIVERED TO THE BUILDING OWNER OR REPRESENTATIVE. THE SYSTEMS MANUAL SHALL INCLUDE THE FOLLOWING:		5.503.1.9.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS IN THE CALIFORNIA ENERGY CODE, TITLE 24, PART 6, SUBCHAPTER 7, SECTION 150. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.
	1. SITE INFORMATION, INCLUDING FACILITY DESCRIPTION, HISTORY AND CURRENT REQUIREMENTS.		5.503.1.10.1 PELLET STOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
	2. SITE CONTACT INFORMATION.		5.503.1.10.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS IN THE CALIFORNIA ENERGY CODE, TITLE 24, PART 6, SUBCHAPTER 7, SECTION 150. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.
	3. BASIC OPERATING AND MAINTENANCE, INCLUDING GENERAL SITE OPERATING PROCEDURES, BASIC TROUBLESHOOTING, RECOMMENDED MAINTENANCE REQUIREMENTS, SITE EVENTS LOG.		5.503.1.11.1 PELLET STOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
	4. MARS SYSTEMS.		5.503.1.11.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS IN THE CALIFORNIA ENERGY CODE, TITLE 24, PART 6, SUBCHAPTER 7, SECTION 150. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.
	5. SITE INVENTORY AND MAINTENANCE.		5.503.1.12.1 PELLET STOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
	6. A COPY OF VERIFICATIONS REQUIRED BY THE ENFORCING AGENCY OR THIS CODE.		5.503.1.12.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS IN THE CALIFORNIA ENERGY CODE, TITLE 24, PART 6, SUBCHAPTER 7, SECTION 150. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.
	7. OTHER RESOURCES AND DOCUMENTATION, IF APPLICABLE.		5.503.1.13.1 PELLET STOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
			5.503.1.13.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS IN THE CALIFORNIA ENERGY CODE, TITLE 24, PART 6, SUBCHAPTER 7, SECTION 150. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.
			5.503.1.14.1 PELLET STOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
			5.503.1.14.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS IN THE CALIFORNIA ENERGY CODE, TITLE 24, PART 6, SUBCHAPTER 7, SECTION 150. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL COMPLY WITH APPLICABLE LOCAL ORDINANCES.
			5.503.1.15.1 PELLET STOVES. WOODSTOVES AND PELLET STOVES SHALL COMPLY WITH U.S. EPA NEW SOURCE PERFORMANCE STANDARDS (NSPS) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS.
			5.503.1.15.2 DIRECT-VENT. A DIRECT-VENT SEAL-VENT COMBUSTION GAS OR SEALED WOOD-BURNING FIREPLACE, OR A SEALED WOODSTOVE OR PELLET STOVE, AND REFER TO RESIDENTIAL REQUIREMENTS

KEY NOTES	
①	DEMOLISH ALL EXISTING MECHANICAL EQUIPMENT AND DUCTWORK IN THE BUILDING. PATCH AND REPAIR ROOF AND WALLS AS NECESSARY.
②	BLANK OFF EXISTING ATTIC VENTS WITH SHEET METAL, TYP. 6.





1 MECHANICAL - FLOOR PLAN NORTH BLDG  
M201 SCALE: 1/4" = 1'-0"

M201 SCALE: 1/4" = 1'-0"

A circular symbol with a diagonal line from the top-left to the bottom-right, indicating the direction of North.

# CITY OF CERES WATER DIVISION

921 ROCKEFELLER DR.  
CERES, CA 95307

921 ROCKEFELLER DR  
CERES, CA 95307

## PROJECT DETAILS

SUBMITTAL DATE: \_\_\_\_\_

## PROJECT REVISIONS

DATE	DESCRIPTION
------	-------------

## HEET DETAILS

DRAWN BY: OG

CHECKED BY: \_\_\_\_\_  
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\_\_\_\_\_

**HEET NUMBER**

# OB COPY

**STANISLAUS COUNTY  
BUILDING PERMIT SERVICES**

KEY NOTES	
① DEMOLISH ALL EXISTING MECHANICAL EQUIPMENT AND DUCTWORK WITHIN THE HATCHED AREA. PATCH AND REPAIR ROOF PATCH AND REPAIR ROOF AND WALLS AS NECESSARY.	



**CITY OF CERES WATER DIVISION**

1921 ROCKEFELLER DR.

CERES, CA 95307

SUBMITTAL #

**PROJECT DETAILS**

RED PROJECT NO: 22044

SUBMITTAL DATE: 08/01/2023

**PROJECT REVISIONS**

DATE DESCRIPTION

**SHEET DETAILS**

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CHECKED BY: GL  
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**SHEET TITLE**  
**MECHANICAL -**  
**FLOOR PLAN**  
**SOUTH BLDG**

**SHEET NUMBER**

**JOB COPY**

STANISLAUS COUNTY  
BUILDING PERMIT SERVICES

**M251**

**MECHANICAL - FLOOR PLAN SOUTH BLDG**

1 M251

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

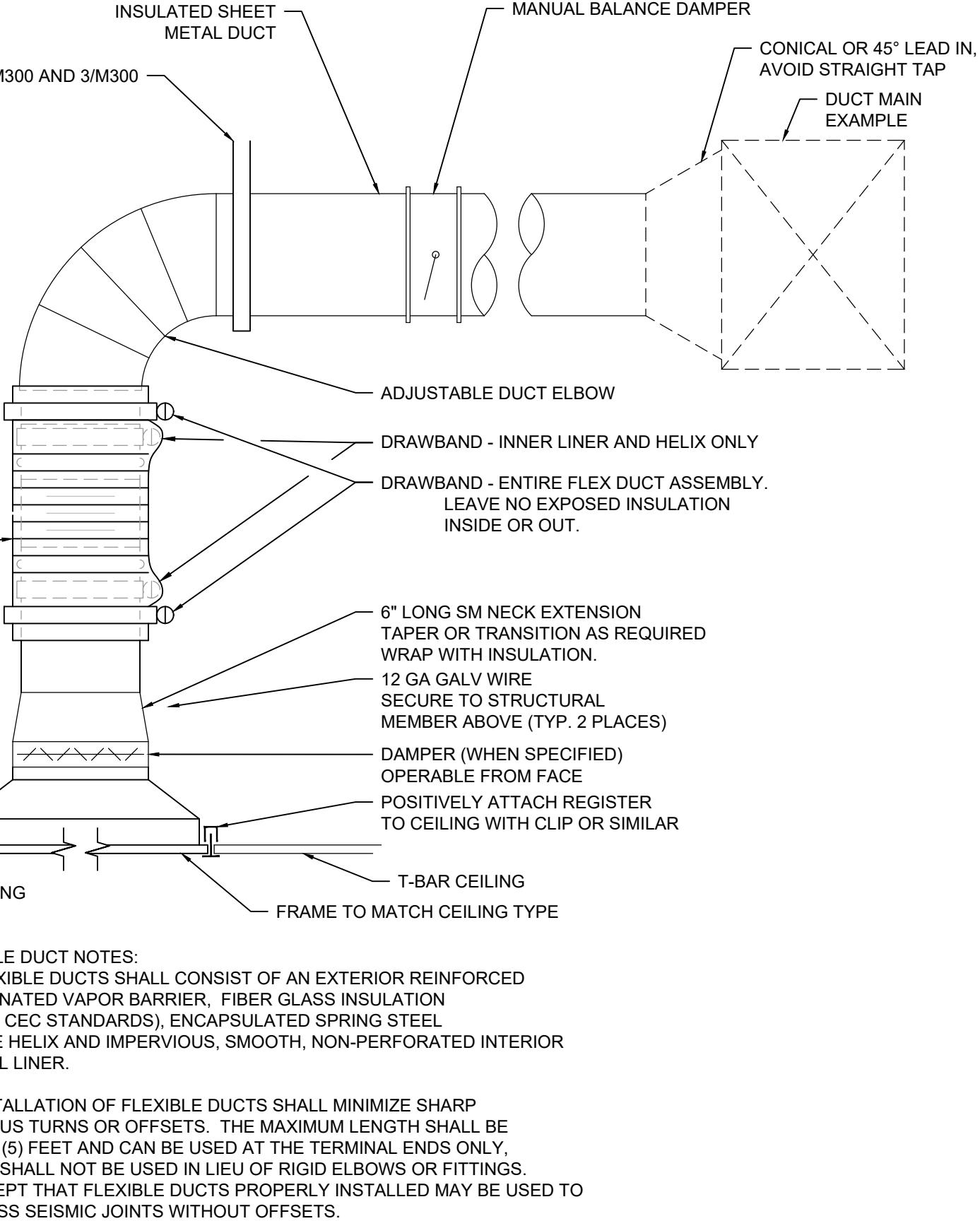




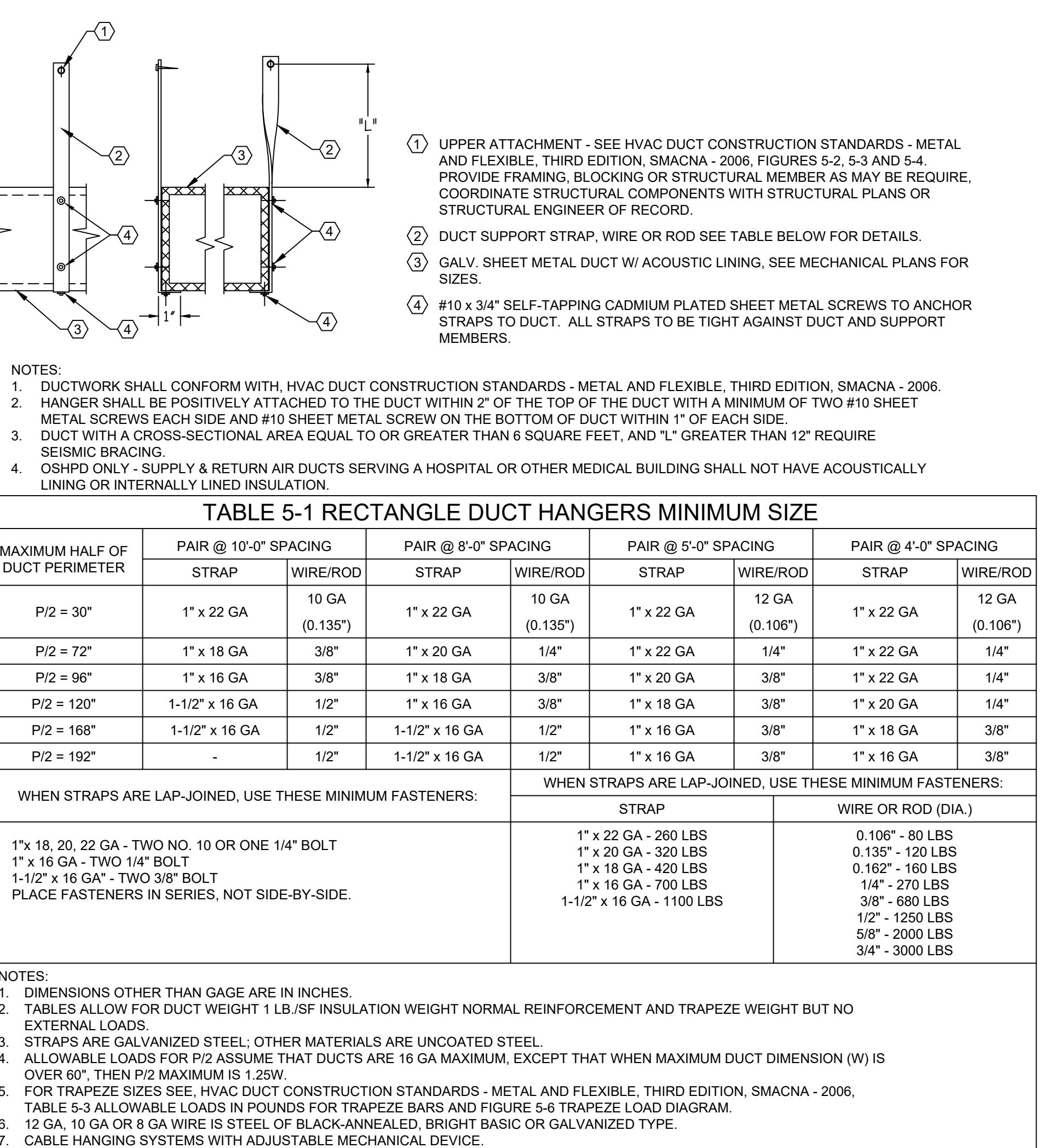
SUBMITTAL #

1921 ROCKEFELLER DR.  
CERES, CA 95307

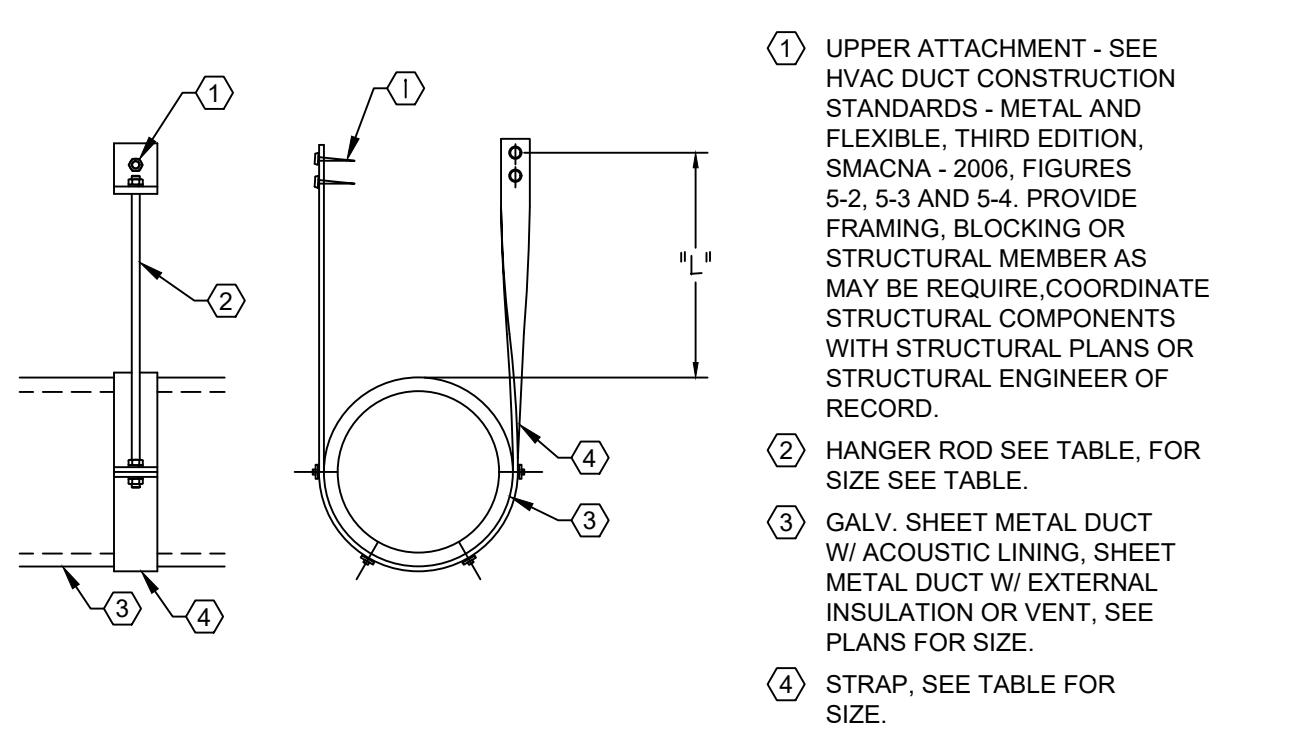
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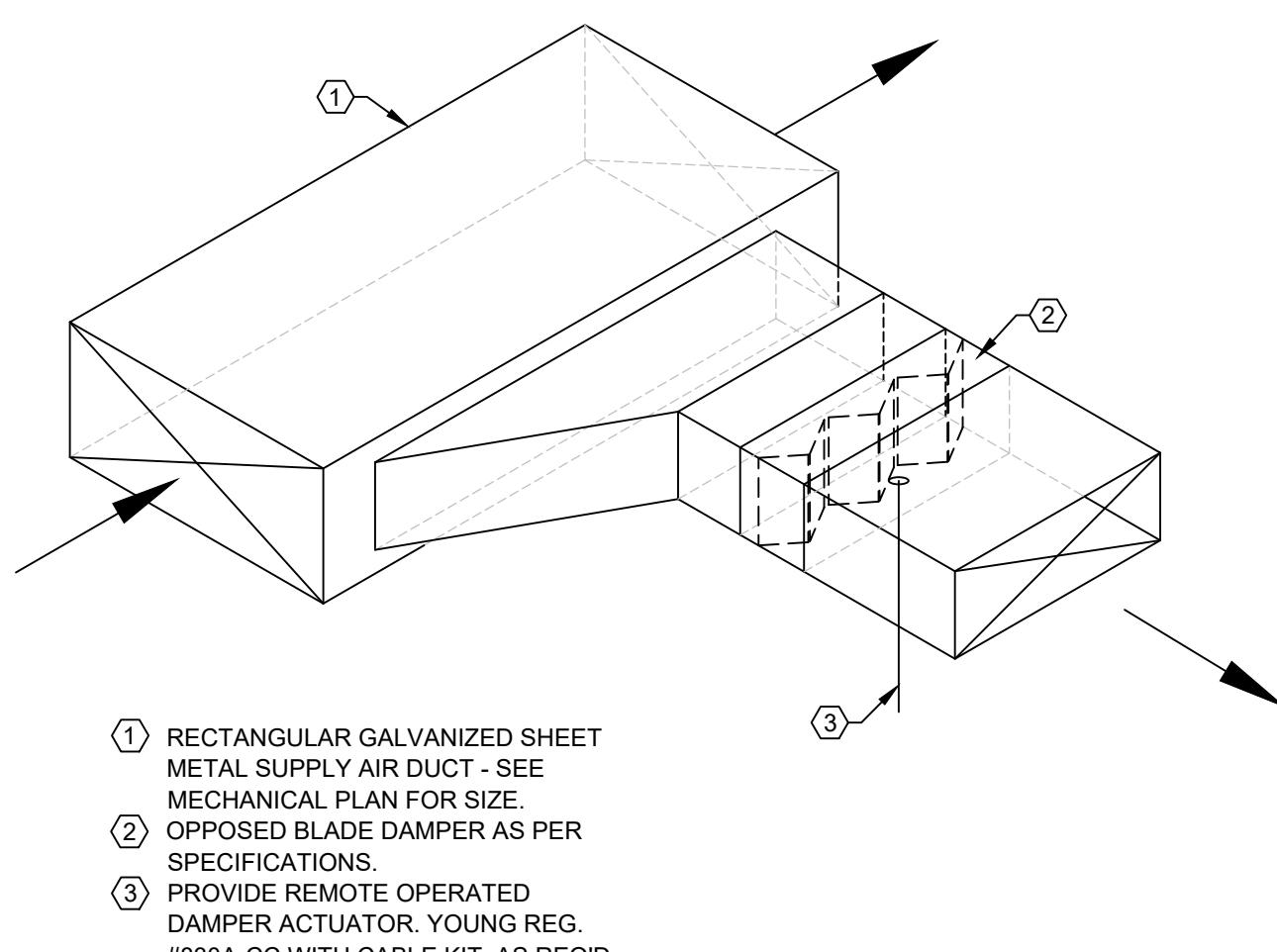


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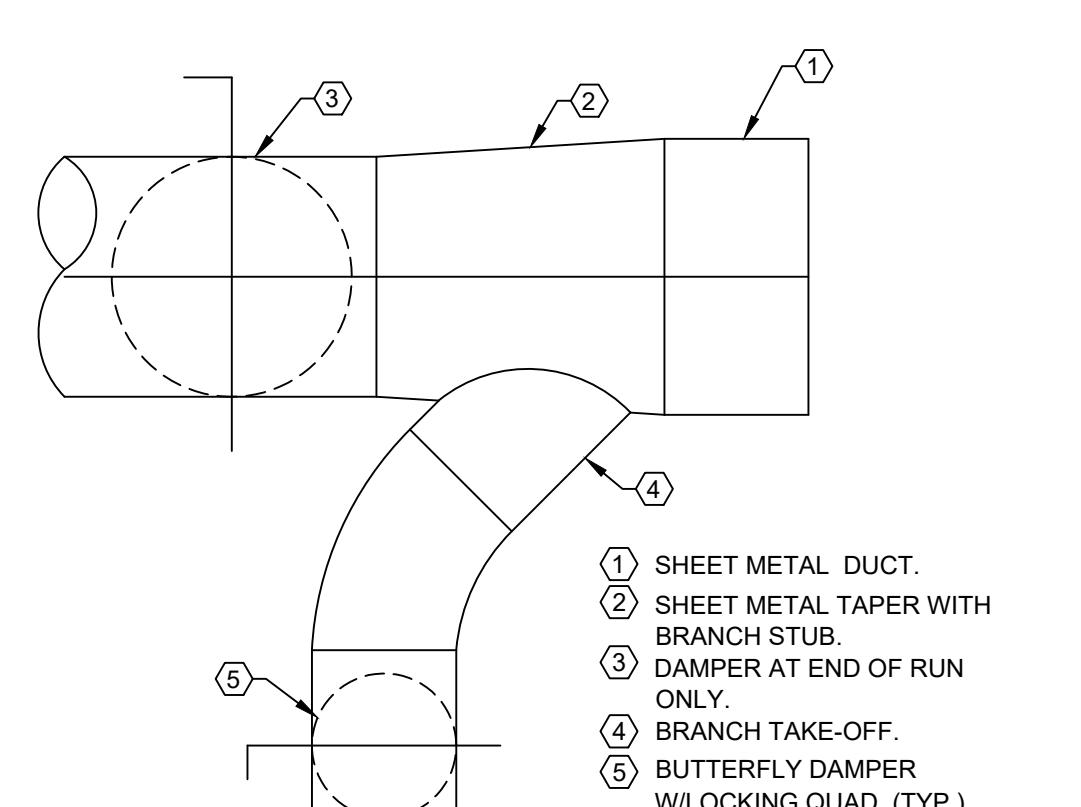
1 TYPICAL REGISTER DETAIL  
M300 SCALE: NONE

2 RECTANGULAR DUCT HANGER DETAIL  
M300 SCALE: NONE

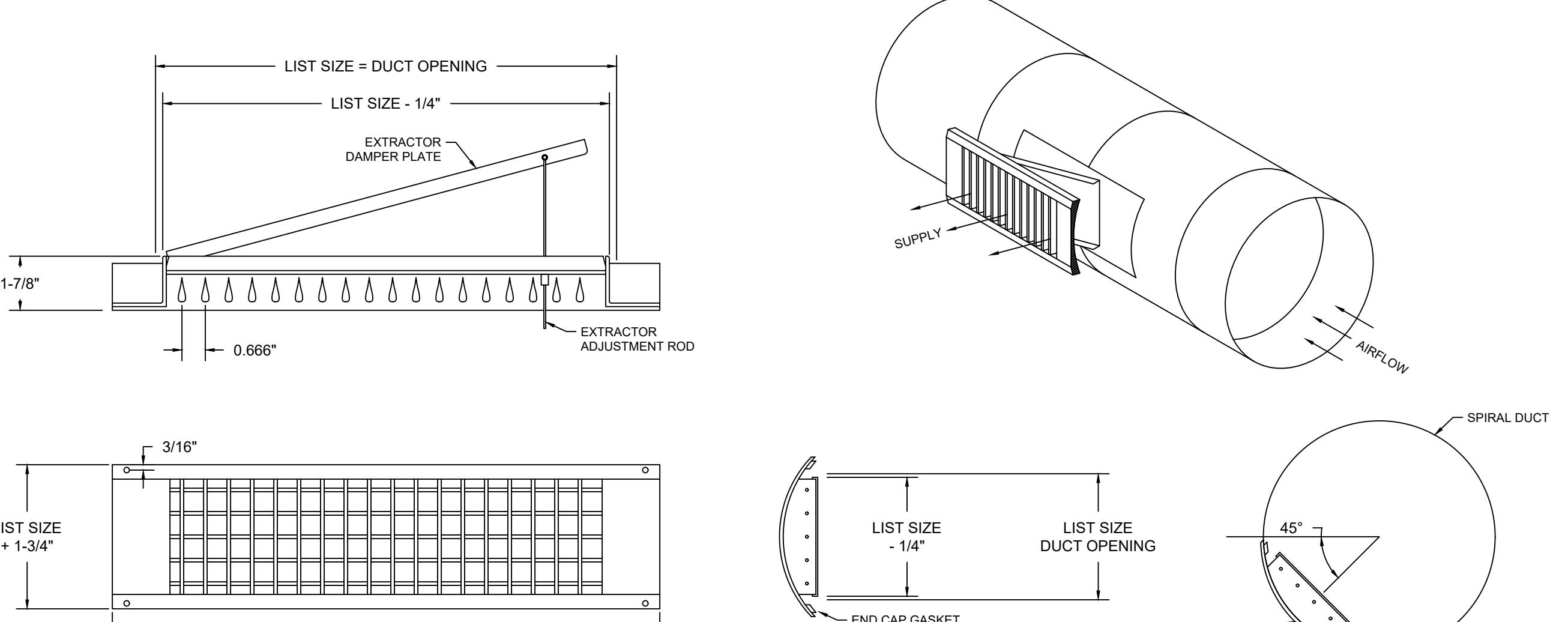
3 ROUND DUCT HANGER DETAIL  
M300 SCALE: NONE



5



6



7

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SHEET TITLE  
MECHANICAL - DETAILS

SHEET NUMBER

**JOB COPY**  
STANISLAUS COUNTY  
BUILDING PERMIT SERVICES

M300





1

STATE OF CALIFORNIA <b>Mechanical Systems</b> CERTIFICATE OF COMPLIANCE									
CALIFORNIA ENERGY COMMISSION NRCC-MCH-4									
This table is used to demonstrate compliance for mechanical systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, or 141.0(b)2 for alterations.									
Project Name: CITY OF CERES WATER DIVISION Report Page: [Page 1 of 22]									
Project Address: 1921 ROCKEFELLER DR, Date Prepared: 12/11/2023									

2

STATE OF CALIFORNIA <b>Mechanical Systems</b> CERTIFICATE OF COMPLIANCE									
CALIFORNIA ENERGY COMMISSION NRCC-MCH-4									
Project Name: CITY OF CERES WATER DIVISION Report Page: [Page 2 of 22]									
Project Name: CITY OF CERES WATER DIVISION Report Page: [Page 3 of 22]									
Report Page: [Page 4 of 22]									

3

STATE OF CALIFORNIA <b>Mechanical Systems</b> CERTIFICATE OF COMPLIANCE									
CALIFORNIA ENERGY COMMISSION NRCC-MCH-4									
Project Name: CITY OF CERES WATER DIVISION Report Page: [Page 5 of 22]									
Project Name: CITY OF CERES WATER DIVISION Report Page: [Page 6 of 22]									
Report Page: [Page 7 of 22]									

4

STATE OF CALIFORNIA <b>Mechanical Systems</b> CERTIFICATE OF COMPLIANCE									
CALIFORNIA ENERGY COMMISSION NRCC-MCH-4									
Project Name: CITY OF CERES WATER DIVISION Report Page: [Page 8 of 22]									
Project Name: CITY OF CERES WATER DIVISION Report Page: [Page 9 of 22]									
Report Page: [Page 10 of 22]									

5

STATE OF CALIFORNIA <b>Mechanical Systems</b> CERTIFICATE OF COMPLIANCE									
CALIFORNIA ENERGY COMMISSION NRCC-MCH-4									
Project Name: CITY OF CERES WATER DIVISION Report Page: [Page 11 of 22]									
Project Name: CITY OF CERES WATER DIVISION Report Page: [Page 12 of 22]									
Report Page: [Page 13 of 22]									

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STATE OF CALIFORNIA  
**Mechanical Systems**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 17 of 22) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-MCH-4

STATE OF CALIFORNIA  
**Mechanical Systems**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 18 of 22) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-MCH-4

STATE OF CALIFORNIA  
**Mechanical Systems**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 19 of 22) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-MCH-4

**L. DISTRIBUTION (DUCTWORK and PIPING)**

	Dwelling Units: Total duct leakage of duct system shall not exceed 12% or duct system to outside shall not exceed 6% per RA3.1.4 required for systems? No
	Duct leakage testing per CMC Section 603.10.1 required for these systems? Yes
11	No The scope of the project includes only duct systems serving healthcare facilities
12	Yes Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.
13	Yes The space conditioning system serves less than 5,000 cu ft of conditioned air area.
14	No The scope of the project includes an existing duct system, which is constructed, insulated or sealed with asbestos.
15	Yes The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.
16	No The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.
17	All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A
18	All ductwork is an extension of an existing duct system
19	Ducts serving individual dwelling units
20	< 25 ft of new residential space conditioning ducts installed
21	R-8 Duct insulation R-value
22	
23	

The answers to the questions below apply to the following duct systems: HP-4 NR/ Common Use: Duct leakage testing shall not exceed 6% per NA7.5.3 required for these systems? No

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-4796-1223-0838 Schema Version: rev 20220101 Report Generated: 2023-12-11 10:06:19

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-4796-1223-0838 Schema Version: rev 20220101 Report Generated: 2023-12-11 10:06:19

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-4796-1223-0838 Schema Version: rev 20220101 Report Generated: 2023-12-11 10:06:19

STATE OF CALIFORNIA  
**Mechanical Systems**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 21 of 22) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-MCH-4

STATE OF CALIFORNIA  
**Mechanical Systems**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 22 of 22) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-MCH-4

**Q. MANDATORY MEASURES DOCUMENTATION LOCATION**

This table is used to indicate where mandatory measures are documented in the plan set or construction documentation.

01 Compliance with Mandatory Measures documented through MCH	02 Yes	03 Plan sheet or construction document location	04 M-Sheets
--	--------	---	-------------

Compliance with Mandatory Measures documented through MCH

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STATE OF CALIFORNIA  
**Domestic Water Heating System**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 3 of 6) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-PWB-4

STATE OF CALIFORNIA  
**Domestic Water Heating System**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 4 of 6) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-PWB-4

**H. DOMESTIC HOT WATER DISTRIBUTION SYSTEM**

This table is used to demonstrate compliance for nonresidential occupancies with distribution requirements in 120.3 and 140.5. For multifamily and hotel/motel occupancies, compliance is demonstrated with requirements 110.3(c), 160.4, 170.2(d).

**Mandatory Pipe Insulation**

For systems serving dwelling units, pipe insulation must meet the minimum insulation requirements in Table 160.4-A (see below) except:

- Piping that penetrates framing members shall not be required to have pipe insulation for the distance of the framing penetration. Piping that penetrates exterior wall or roof sheathing, including exterior insulation or other insulating material to assure that no contact is made with the metal framing, insulation shall not require against all framing members.
- Piping installed in interior or exterior walls shall not be required to have pipe insulation if all of the requirements are met for compliance with Quality Installation (QI) as specified in the Reference Residential Appendix RA3.5.
- Piping installed in exterior walls with a minimum of 1 inch of wall insulation, 2 inches of crawlspace insulation, or 4 inches of attic insulation, shall not be required to have pipe insulation.

13  For systems serving nonresidential spaces, pipe insulation for the following applications is specified to comply with Table 120.3-A (see below) per 120.3:
 

- Recirculating system piping, including supply and return piping of the water heater
- The first 8 ft of hot and cold outlet piping, including between storage tank and heat trap, for a nonrecirculating storage system
- Insulation shall be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather shall be installed with a cover suitable for outdoor service per 120.3(b) / 160.4(f). Pipe insulation buried below grade must be installed in a water proof and non-crushable casing or sleeve.

14  TABLE 120.3-A / 160.4-A PIPE INSULATION THICKNESS

Fluid Temperature Range (°F)	Conductivity Range (Btu/h per hour per ft <sup>2</sup> per ft <sup>2</sup> )	Insulation Mean Rating Temp (°F)	Nominal Pipe Diameter (in)
< 1	1 to 1.5	1.5 to < 4	1.5 to < 4 Multi-family & Hotel/Motel
105-140	0.22 - 0.28	100	1.0 in or R-7.7 1.5 in or R-12.5 1.5 in or R-11 2.0 in or R-16

15  Newly installed piping with an input capacity (d.g.p.) 5MMBtu/h and a steady state full-load combustion efficiency < 90% shall maintain excess (stack-gas) oxygen concentrations < 5% volume on a dry basis over firing rates of 20-100%. Combustion air volume shall be controlled with respect to firing rate or flue gas oxygen concentration. Use of a common gas and combustion air control linkage or jack shaft is prohibited.

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-4796-1223-0837 Schema Version: rev 20220101 Report Generated: 2023-12-11 10:06:19

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: EnergyPro-4796-1223-0837 Schema Version: rev 20220101 Report Generated: 2023-12-11 10:06:19

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STATE OF CALIFORNIA  
**Domestic Water Heating System**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 5 of 6) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-PWB-4

STATE OF CALIFORNIA  
**Domestic Water Heating System**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 6 of 6) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-PWB-4

**I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION**

Selections have been made based on information provided in this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at [https://www.energy.ca.gov/title24/2019standards/2019\\_compliance\\_documents/Nonresidential\\_Documents/NRC/](https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRC/)

**NRC-C-MCH-01-E** - Must be submitted for all buildings

**O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**

Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at [https://www.energy.ca.gov/title24/2019standards/2019\\_compliance\\_documents/Nonresidential\\_Documents/NRC/](https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRC/)

**NRC-C-MCH-02-A** - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A. Supply Fan VFD Acceptance (if applicable) since testing activities overlap.

**NRC-C-MCH-03-A** - Constant Volume Single Zone HVAC NOTE: This form does not automatically move to "Yes". If Constant Volume Single Zone HVAC Systems are included in the scope, permit applicant should move this form to "Yes".

**NRC-C-MCH-16-A** - Supply Air Temperature Reset Controls

**P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION**

There are no NRC forms required for this project.

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STATE OF CALIFORNIA  
**Mechanical Systems**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 17 of 22) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-MCH-4

STATE OF CALIFORNIA  
**Mechanical Systems**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 18 of 22) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-MCH-4

**L. DISTRIBUTION (DUCTWORK and PIPING)**

	Dwelling Units: Total duct leakage of duct system shall not exceed 12% or duct system to outside shall not exceed 6% per RA3.1.4 required for systems? No
	Duct leakage testing per CMC Section 603.10.1 required for these systems? Yes
11	No The scope of the project includes only duct systems serving healthcare facilities
12	Yes Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.
13	Yes The space conditioning system serves less than 5,000 cu ft of conditioned air area.
14	No The scope of the project includes an existing duct system, which is constructed, insulated or sealed with asbestos.
15	Yes The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.
16	No The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.
17	All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A
18	All ductwork is an extension of an existing duct system
19	Ducts serving individual dwelling units
20	< 25 ft of new residential space conditioning ducts installed
21	R-8 Duct insulation R-value
22	
23	

The answers to the questions below apply to the following duct systems: HP-5 NR/ Common Use: Duct leakage testing shall not exceed 6% per NA7.5.3 required for these systems? No

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STATE OF CALIFORNIA  
**Mechanical Systems**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 19 of 22) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-MCH-4

STATE OF CALIFORNIA  
**Mechanical Systems**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 20 of 22) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-MCH-4

**L. DISTRIBUTION (DUCTWORK and PIPING)**

	Dwelling Units: Total duct leakage of duct system shall not exceed 12% or duct system to outside shall not exceed 6% per RA3.1.4 required for systems? No
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22	
23	

The answers to the questions below apply to the following duct systems: HP-5 NR/ Common Use: Duct leakage testing shall not exceed 6% per NA7.5.3 required for these systems? No

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STATE OF CALIFORNIA  
**Mechanical Systems**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 21 of 22) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-MCH-4

STATE OF CALIFORNIA  
**Mechanical Systems**  
CERTIFICATE OF COMPLIANCE  
Project Name: CITY OF CERES WATER DIVISION Report Page: (Page 22 of 22) Date Prepared: 12/11/2023

CALIFORNIA ENERGY COMMISSION  
NRC-C-MCH-4

**M. COOLING TOWERS**

This section does not apply to this project.

Generated Date/Time: Documentation Software: EnergyPro  
CA Building Energy Efficiency Standards -

DOMESTIC WATER SIZING CALCULATION										
WATER SIZING WORKSHEET PER 2022 CPC TABLE 610.3 AND 2022 CPC, APPENDIX A										
SOURCE DATA		TABLE A-2 Fixture Type			MINIMUM BRANCH SIZE		QTY F.U. TOTAL			
MIN. PRESSURE AVAILABLE:	PSI	BATHTUB/BATH-SHOWER COMB. (FILL)			1/2"		0 4.0 0.0			
Demand Data		BIDET			1/2"		0 4.0 0.0			
TOTAL FIXTURE UNITS:	62.5 F.U.	CLOTHESWASHER			1/2"		0 4.0 0.0			
Fixture Unit Demand:	25.0 GPM, CHART A103.1	DENTAL UNIT, CUSPIDOR			1/2"		0 1.0 0.0			
CONTINUOUS DEMAND:	0.0 GPM	DRINKING FOUNTAIN OR WATERCOOLER			3/4"		0 1.0 0.0			
TOTAL DEMAND:	55.0 GPM	HOSE BIBB			1/2"		1 2.5 2.5			
SOURCE TO PUMP		HOSE BIBB (EACH ADDITIONAL)			1/2"		1 1.0 1.0			
DISTANCE	0 FT	LAVATORY			1/2"		6 1.0 6.0			
ELEVATION CHANGE:	0 FT	SINK, BATH TYPE			1/2"		0 1.0 0.0			
FRiction LOSS:	0.0 PSI	SINK, CLINIC FAUCET			1/2"		0 1.0 0.0			
TOTAL LOSS:	0.0 PSI	SINK, CLINIC FLUSHOMETER VALVE			1/2"		0 1.5 0.0			
BOOSTER PUMP:	0 PSI	SINK, KITCHEN DOMESTIC			1/2"		2 1.5 3.0			
BUILDING SYSTEM		SINK, LAUNDRY			1/2"		0 1.5 0.0			
TOTAL DEVELOPED LENGTH TO MOST REMOTE FIXTURE:	350 FT	SINK, SERVICE OR MOP BASIN			1/2"		1 3.0 3.0			
ELEVATION TO HIGHEST FIXTURE:	4 FT	SHOWERS			1/2"		2 2.0 4.0			
METER:	4 PSI CHART A102.2	URINAL, 1.0 GPF			3/4"		0 4.0 0.0			
BACKFLOW PREVENTER:	12 PSI	URINAL, FLUSH TANK			1/2"		0 2.0 0.0			
SOFTENER:	0 PSI	WASHFOUNTAIN, CIRCULAR SPRAY			3/4"		0 2.0 0.0			
FILTER:	0 PSI	WATER CLOSET, 1.6 GPF GRAVITY TANK			1/2"		0 2.5 0.0			
MISC:	0 PSI	WATER CLOSET, 1.6 GPF FLUSHOMETER TANK			1/2"		0 2.0 0.0			
TOTAL BUILDING SYSTEM LOSS:	17.7 PSI	WATER CLOSET > 1.6 GPF FLUSHOMETER VALVE			1"		7 5.0 35.0			
FLUSH VALVE SYSTEM (25 PSI RESID):	3.5 PSI	WATER CLOSET > 1.6 GPF GRAVITY TANK			1/2"		0 1.0 0.0			
BUILDING SUPPLY PIPE SIZE:	2" INCHES	WATER CLOSET > 1.6 GPF FLUSHOMETER VALVE			1"		0 7.0 0.0			
							TOTAL: 62.5			

PLUMBING FIXTURE SCHEDULE										
MARK	DESCRIPTION									
WC-1	WATER CLOSET: FLOOR MOUNT, VITREOUS CHINA, FLUSH VALVE, ELONGATED BOWL, INTEGRAL TRAP, 12" ROUGH IN, KOHLER "HIGHCLIFT" #K96057-0									
WC-2	VALVE: EXPOSED, CHROME PLATED, VACUUM BREAKER, 1.28 GPF, ZURN #Z6000AV-HET SEAT: ELONGATED, OPEN FRONT, ANTI-MICROBIAL, CHECK HINGES, KOHLER "STRONGHOLD" #K4731-CA-0, MOUNT TOP OF SEAT AT 17" HEIGHT, INSTALL PER ACCESSIBILITY REQUIREMENTS.									
WC-3	WATER CLOSET: FLOOR MOUNT, VITREOUS CHINA, FLUSH VALVE, ELONGATED BOWL, INTEGRAL TRAP, 12" ROUGH IN, KOHLER "HIGHCLIFT" #K96057-0 VALVE: EXPOSED, CHROME PLATED, VACUUM BREAKER, 1.28 GPF, ZURN #Z6000AV-HET SEAT: ELONGATED, OPEN FRONT, ANTI-MICROBIAL, CHECK HINGES, KOHLER "STRONGHOLD" #K4731-CA-0, MOUNT TOP OF SEAT AT 17" HEIGHT, INSTALL PER ACCESSIBILITY REQUIREMENTS.									
L-1	WATER CLOSET: FLOOR MOUNT, VITREOUS CHINA, WHITE, 1.28 GPF, FLOOR MOUNT, VITREOUS CHINA, ELONGATED BOWL, WHITE, INTEGRAL TRAP, 12" ROUGH IN, KOHLER "KINGSTON" #K-5077-0, PROVIDE HANDLE IN WIDE SIDE LAVATORY: WALL MOUNT, VITREOUS CHINA, WHITE, 21-1/4" x 18-1/8", FRONT OVERFLOW, 4" CENTERS, DRILLED FOR CONCEALED ARM CARRIER, KOHLER "KINGSTON" #K-2005. FAUCET: POLISHED CHROME, 0.5 GPM NON-AERATING LAMINAR SPRAY, SINGLE LEVER HANDLE, 4" FIXED CENTERS, CHICAGO #2200-4E2805ABC THERMOSTATIC MIXING VALVE: ASSE 1070 CERTIFIED, SET AT 110°F, CHICAGO #131-ABNF. CARRIER: ZURN #Z1231. PROVIDE P-TRAP, SUPPLIES & STOPS.									
S-1	SINK: COUNTER MOUNT, 18 GA 304 STAINLESS STEEL, 19" FRONT TO BACK x 21" LEFT TO RIGHT x 6" DEEP, (3) FAUCET HOLES, LUSTROUS FAUCET: DECK MOUNTED, POLISH CHROME, 8" FIXED CENTERS, 8" LONG SPOUT, 1.8 GPM MAX, @60 PSI, DELTA #100LF-WF. PROVIDE P-TRAP, SUPPLIES, AND ANGLE STOPS WITH LOOSE KEY. INSTALL PER ACCESSIBILITY REQUIREMENTS.									
S-2	SINK: COUNTER MOUNT, 18 GA 304 STAINLESS STEEL, 19" FRONT TO BACK x 21" LEFT TO RIGHT x 6" DEEP, (3) FAUCET HOLES, LUSTROUS FAUCET: DECK MOUNTED, POLISH CHROME, 8" FIXED CENTERS, 8" LONG SPOUT, 1.8 GPM MAX, @60 PSI, DELTA #100LF-WF. PROVIDE P-TRAP, SUPPLIES, AND ANGLE STOPS WITH LOOSE KEY. INSTALL PER ACCESSIBILITY REQUIREMENTS.									
UR-1	URINAL: WALL MOUNT, VITREOUS CHINA, WHITE, FLUSH VALVE TYPE, 0.125 GALLON PER FLUSH, INTEGRAL TRAP, TOP SPUD, SIPHON JET, KOHLER "BARDON" #K-4991-1. VALVE: CHROME PLATED, EXPOSED, MANUAL VALVE, 0.125 GALLONS PER FLUSH, ZURN #Z6003AV-ULF.									
MS-1	MOP SINK: FLOOR MOUNT CORNER SINK, CAST IRON WITH ACID RESISTANT ENAMEL FINISH, 28" x 28", WHITE, KOHLER "WHITBY" #K-6710. FAUCET: ROUGH CHROME FINISH, EXPOSED YOKE FAUCET, INTEGRAL VACUUM BREAKER, WALL BRACE, PAIL HOOK, MALE GARDEN HOSE THREADED OUTLET, BUILT-IN STOPS, T&S BRASS #B-0665-B-STOP. PROVIDE WITH MOP HANGER AND 4" LONG FILL HOSE.									
WB-1	WALL BOX: PLASTIC ICE-MAKER WATER BOX WITH BALL VALVE, SPECIALTY PRODUCTS #OB-801-LL.									
SH-1	SHOWER SURROUND BY OTHERS. SHOWER/HAND SHOWER SYSTEM WITH PRESSURE-BALANCING MIXING VALVE WITH LEVER HANDLE, INTEGRAL SERVICE STOPS, ADJUSTABLE STOP SCREW TO LIMIT HANDLE TURN, NON-SHARED DIVERTER VALVE, SHOWER HEAD WITH ARM & FLANGE, WALL/HAND SHOWER WITH IN-LINE VACUUM BREAKER, FLEXIBLE 5" METAL HOSE, WALL CONNECTION AND FLANGE, TWO WALL HOOKS FOR HAND SHOWER MOUNTING (INSTALL ONLY ONE). PROVIDE WITH OPTIONAL 1.5 GPM FLOW RATE RESTRICTOR. SYMONS "TEMP-TROL" #96-500-V-X-15-NS. INSTALL PER ACCESSIBILITY REQUIREMENTS.									
TP-1	TRAP PRIMER: DIFFERENTIAL PRESSURE AUTOMATIC TYPE, CORROSION RESISTANT BRASS, INSTALL STRICTLY PER MANUFACTURER'S RECOMMENDATIONS, PROVIDE WITH ACCESS DOOR, PPP MODEL #PR-500.									
FD-1	FLOOR DRAIN: CAST IRON BODY, CLAMPING COLLAR, NICKEL-BRONZE STRAINER, TRAP PRIMER CONNECTION, ZURN #ZN415B.									
WCO	WALL CLEANOUT: DURA-COATED CAST IRON WITH STAINLESS STEEL COVER, ZURN #Z1446, SIZE PER PLANS.									
* INDICATES ADA/HCP COMPLIANT FIXTURE.										

PLUMBING EQUIPMENT SCHEDULE										
MARK	DESCRIPTION									
EWH-1	GAS WATER HEATER: 55 GALLON STORAGE, INSULATED TANK, 0.9 UEF, 30 GALLONS RECOVERY @ 60°F RISE, T&P RELIEF VALVE, TEMPERATURE = 120°F, 208V 1PH, 4.5kW/4.5kW ELEMENT (NON-SIMULTANEOUS), OPERATING WEIGHT 600LBS									

# PLUMBING GREEN BUILDING CODE NOTES

REQUIRED	SECTION 5.301 GENERAL	5.301.1 SCOPE. THE PROVISIONS OF THIS CHAPTER SHALL ESTABLISH THE MEANS OF CONSERVING WATER USE INDOORS, OUTDOORS AND IN WASTEWATER CONVEYANCE.	SECTION 5.302 DEFINITIONS	5.302.1 DEFINITIONS. THE FOLLOWING TERMS ARE DEFINED IN CHAPTER 2 (AND ARE INCLUDED HERE FOR REFERENCE)	EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETAF) [DSA-SS]. AN ADJUSTMENT FACTOR WHEN APPLIED TO REFERENCE EVAPOTRANSPIRATION THAT ADJUSTS FOR PLANT FACTORS AND IRRIGATION EFFICIENCY, WHICH ARE TWO MAJOR INFLUENCES ON THE AMOUNT OF WATER THAT NEEDS TO BE APPLIED TO THE LANDSCAPE.	FOOTPRINT AREA [DSA-SS]. THE TOTAL AREA OF THE FURTHEST EXTERIOR WALL OF THE STRUCTURE PROJECTED TO NATURAL GRADE, NOT INCLUDING EXTERIOR AREAS SUCH AS STAIRS, COVERED WALKWAYS, PATIOS AND DECKS.	METERING FAUCET. A SELF-CLOSING FAUCET THAT DISPENSES A SPECIFIC VOLUME OF WATER FOR EACH ACTUATION CYCLE. THE VOLUME OR CYCLE DURATION CAN BE FIXED OR ADJUSTABLE.	GRAYWATER. PURSUANT TO HEALTH AND SAFETY CODE SECTION 17922.12, "GRAYWATER" MEANS UNTREATED WASTEWATER THAT HAS NOT BEEN CONTAMINATED BY ANY TOILET DISCHARGE, HAS NOT BEEN AFFECTION BY INFECTIOUS, CONTAMINATED, OR UNHEALTHY BODILY WASTES, AND DOES NOT PRESENT A THREAT FROM CONTAMINATION BY UNHEALTHFUL PROCESSING, MANUFACTURING, OR OPERATING WASTES. "GRAYWATER" INCLUDES, BUT IS NOT LIMITED TO WASTEWATER FROM BATHTUBS, SHOWERS, BATHROOM WASHBASINS, CLOTHES WASHING MACHINES AND LAUNDRY TUBS, BUT DOES NOT INCLUDE WASTE WATER FROM KITCHEN SINKS OR DISHWASHERS.	MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). THE CALIFORNIA ORDINANCE REGULATING LANDSCAPE DESIGN, INSTALLATION AND MAINTENANCE PRACTICES THAT WILL ENSURE COMMERCIAL, MULTIFAMILY AND OTHER DEVELOPER INSTALLED LANDSCAPES GREATER THAN 2500 SQUARE FEET MEET AN IRRIGATION WATER BUDGET DEVELOPED BASED ON LANDSCAPED AREA AND CLIMATOLOGICAL PARAMETERS.	MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). [HCD] THE CALIFORNIA MODEL ORDINANCE (CALIFORNIA CODE OF REGULATIONS, TITLE 23, DIVISION 2, CHAPTER 2.7), REGULATING LANDSCAPE DESIGN, INSTALLATION AND MAINTENANCE PRACTICES. LOCAL AGENCIES ARE REQUIRED TO ADOPT THE UPDATED MWELO, OR ADOPT A LOCAL ORDINANCE AT LEAST AS EFFECTIVE AS THE MWELO.	POTABLE WATER. WATER THAT IS DRINKABLE AND MEETS THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) DRINKING WATER STANDARDS. SEE DEFINITION IN THE CALIFORNIA PLUMBING CODE, PART 5.	POTABLE WATER. [HCD] WATER THAT IS SATISFACTORY FOR DRINKING, CULINARY, AND DOMESTIC PURPOSES, AND MEETS THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) DRINKING WATER STANDARDS AND THE REQUIREMENTS OF THE HEALTH AUTHORITY HAVING JURISDICTION.	RECYCLED WATER. WATER WHICH, AS A RESULT OF TREATMENT OF WASTE, IS SUITABLE FOR A DIRECT BENEFICIAL USE OR A CONTROLLED USE THAT WOULD NOT OTHERWISE OCCUR [WATER CODE SECTION 13050 (N)]. SIMPLY PUT, RECYCLED WATER IS WATER TREATED TO REMOVE WASTE MATTER ATTAINING A QUALITY THAT IS SUITABLE TO USE THE WATER AGAIN.	SUBMETER. A METER INSTALLED SUBORDINATE TO A SITE METER. USUALLY USED TO MEASURE WATER INTENDED FOR ONE PURPOSE, SUCH AS LANDSCAPE IRRIGATION. FOR THE PURPOSES OF CALGREEN, A DEDICATED METER MAY BE CONSIDERED A SUBMETER.	WATER BUDGET. IS THE ESTIMATED TOTAL LANDSCAPE IRRIGATION WATER USE WHICH SHALL NOT EXCEED THE MAXIMUM APPLIED WATER ALLOWANCE CALCULATED IN ACCORDANCE WITH THE DEPARTMENT OF WATER RESOURCES MODEL EFFICIENT LANDSCAPE ORDINANCE (MWELO).
<input type="checkbox"/>	SECTION 5.303 INDOOR WATER USE	5.303.1 METERS. SEPARATE SUBMETERS OR METERING DEVICES SHALL BE INSTALLED FOR THE USES DESCRIBED IN SECTIONS 503.1.1 AND 503.1.2.	SECTION 5.303.1 BUILDINGS IN EXCESS OF 50,000 SQUARE FEET. SEPARATE SUBMETERS SHALL BE INSTALLED AS FOLLOWS:	1. FOR EACH INDIVIDUAL LEASED, RENTED OR OTHER TENANT SPACE WITHIN THE BUILDING PROJECTED TO CONSUME MORE THAN 100 GAL/DAY (380 L/DAY), INCLUDING, BUT NOT LIMITED TO, SPACES USED FOR LAUNDRY OR CLEANERS, RESTAURANT OR FOOD SERVICE, MEDICAL OR DENTAL OFFICE, LABORATORY, OR BEAUTY SALON OR BARBER SHOP.											
<input type="checkbox"/>	SECTION 5.303.2 WHERE SEPARATE SUBMETERS FOR INDIVIDUAL BUILDING TENANTS ARE UNFEASIBLE, FOR WATER SUPPLIED TO THE FOLLOWING SUBSYSTEMS:	A. MAKEUP WATER FOR COOLING TOWERS WHERE FLOW THROUGH IS GREATER THAN 500 GPM (30 L/S). B. MAKEUP WATER FOR EVAPORATIVE COOLERS GREATER THAN 6 GPM (0.04 L/S). C. STEAM AND HOT WATER BOILERS WITH ENERGY INPUT MORE THAN 500,000 BTU/H (147 KW).													
<input type="checkbox"/>	SECTION 5.303.3 EXCESS CONSUMPTION. A SEPARATE SUBMETER OR METERING DEVICE SHALL BE PROVIDED FOR ANY TENANT WITHIN A NEW BUILDING OR WITHIN AN ADDITION THAT IS PROJECTED TO CONSUME MORE THAN 1,000 GAL/DAY.	5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. PLUMBING FIXTURES (WATER CLOSETS AND URINALS) AND FITTINGS (FAUCETS AND SHOWERHEADS) SHALL COMPLY WITH THE FOLLOWING:													
<input type="checkbox"/>	SECTION 5.303.3.1 WATER CLOSETS. THE EFFECTIVE FLUSH VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. TANK-TYPE WATER CLOSETS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR TANK-TYPE TOILETS.	5.303.3.1 WATER CLOSETS. THE EFFECTIVE FLUSH VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. TANK-TYPE WATER CLOSETS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR TANK-TYPE TOILETS.													
<input type="checkbox"/>	SECTION 5.303.3.2 URINALS. THE EFFECTIVE FLUSH VOLUME OF URINALS SHALL NOT EXCEED 0.5 GALLONS PER FLUSH.	5.303.3.2 URINALS. THE EFFECTIVE FLUSH VOLUME OF URINALS SHALL NOT EXCEED 0.5 GALLONS PER FLUSH.													
<input type="checkbox"/>	SECTION 5.303.3.3 SHOWERHEADS. 5.303.3.3.1 SINGLE SHOWERHEAD. SHOWERHEADS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 2.0 GALLONS PER MINUTE AT 80 PSI. SHOWERHEADS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR SHOWERHEADS.	5.303.3.3 SHOWERHEADS. 5.303.3.3.1 SINGLE SHOWERHEAD. SHOWERHEADS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 2.0 GALLONS PER MINUTE AT 80 PSI. SHOWERHEADS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR SHOWERHEADS.													
<input type="checkbox"/>	SECTION 5.303.3.3.2 MULTIPLE SHOWERHEADS SERVING ONE SHOWER. WHEN A SHOWER IS SERVED BY MORE THAN ONE SHOWERHEAD, THE COMBINED FLOW RATE OF ALL THE SHOWERHEADS AND/OR OTHER SHOWER OUTLETS CONTROLLED BY A SINGLE VALVE SHALL NOT EXCEED 2.0 GALLONS PER MINUTE AT 80 PSI, OR THE SHOWER SHALL BE DESIGNED TO ALLOW ONLY ONE SHOWER OUTLET TO BE IN OPERATION AT A TIME.	5.303.3.3.2 MULTIPLE SHOWERHEADS SERVING ONE SHOWER. WHEN A SHOWER IS SERVED BY MORE THAN ONE SHOWERHEAD, THE COMBINED FLOW RATE OF ALL THE SHOWERHEADS AND/OR OTHER SHOWER OUTLETS CONTROLLED BY A SINGLE VALVE SHALL NOT EXCEED 2.0 GALLONS PER MINUTE AT 80 PSI, OR THE SHOWER SHALL BE DESIGNED TO ALLOW ONLY ONE SHOWER OUTLET TO BE IN OPERATION AT A TIME.													
<input type="checkbox"/>	SECTION 5.303.3.4 FAUCETS AND FOUNTAINS. 5.303.3.4.1 NONRESIDENTIAL LAVATORY FAUCETS. LAVATORY FAUCETS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 0.5 GALLONS PER MINUTE AT 60 PSI.	5.303.3.4 FAUCETS AND FOUNTAINS. 5.303.3.4.1 NONRESIDENTIAL LAVATORY FAUCETS. LAVATORY FAUCETS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 0.5 GALLONS PER MINUTE AT 60 PSI.													
<input type="checkbox"/>	SECTION 5.303.3.4.2 KITCHEN FAUCETS. KITCHEN FAUCETS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 1.8 GALLONS PER MINUTE AT 60 PSI. KITCHEN FAUCETS MAY TEMPORARILY INCREASE THE FLOW ABOVE THE MAXIMUM RATE, BUT NOT TO EXCEED 2.2 GALLONS PER MINUTE AT 60 PSI, AND MUST DEFAULT TO A MAXIMUM FLOW RATE OF 1.8 GALLONS PER MINUTE AT 60 PSI.	5.303.3.4.2 KITCHEN FAUCETS. KITCHEN FAUCETS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 1.8 GALLONS PER MINUTE AT 60 PSI. KITCHEN FAUCETS MAY TEMPORARILY INCREASE THE FLOW ABOVE THE MAXIMUM RATE, BUT NOT TO EXCEED 2.2 GALLONS PER MINUTE AT 60 PSI, AND MUST DEFAULT TO A MAXIMUM FLOW RATE OF 1.8 GALLONS PER MINUTE AT 60 PSI.													
<input type="checkbox"/>	SECTION 5.303.3.4.3 WASH FOUNTAINS. WASH FOUNTAINS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 1.8 GALLONS PER MINUTE/20 [RIM SPACE (INCHES) AT 60 PSI].	5.303.3.4.3 WASH FOUNTAINS. WASH FOUNTAINS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 1.8 GALLONS PER MINUTE/20 [RIM SPACE (INCHES) AT 60 PSI].													
<input type="checkbox"/>	SECTION 5.303.3.4.4 METERING FAUCETS. METERING FAUCETS SHALL NOT DELIVER MORE THAN 0.20 GALLONS PER CYCLE.	5.303.3.4.4 METERING FAUCETS. METERING FAUCETS SHALL NOT DELIVER MORE THAN 0.20 GALLONS PER CYCLE.													
<input type="checkbox"/>	SECTION 5.303.3.4.5 METERING FAUCETS FOR WASH FOUNTAINS. METERING FAUCETS FOR WASH FOUNTAINS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 0.20 GALLONS PER MINUTE/20 [RIM SPACE (INCHES) AT 60 PSI].	5.303.3.4.5 METERING FAUCETS FOR WASH FOUNTAINS. METERING FAUCETS FOR WASH FOUNTAINS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 0.20 GALLONS PER MINUTE/20 [RIM SPACE (INCHES) AT 60 PSI].													
<input type="checkbox"/>	SECTION 5.303.4 COMMERCIAL KITCHEN EQUIPMENT. 5.303.4.1 FOOD WASTE DISPOSERS. DISPOSERS SHALL EITHER MODULATE THE USE OF WATER TO NO MORE THAN 1 GPM WHEN THE DISPOSER IS NOT IN USE (NOT ACTIVELY GRINDING FOOD WASTE/NO-LOAD) OR SHALL AUTOMATICALLY SHUT OFF AFTER NO MORE THAN 10 MINUTES OF INACTIVITY. DISPOSERS SHALL USE NO MORE THAN 8 GPM OF WATER.	5.303.4 COMMERCIAL KITCHEN EQUIPMENT. 5.303.4.1 FOOD WASTE DISPOSERS. DISPOSERS SHALL EITHER MODULATE THE USE OF WATER TO NO MORE THAN 1 GPM WHEN THE DISPOSER IS NOT IN USE (NOT ACTIVELY GRINDING FOOD WASTE/NO-LOAD) OR SHALL AUTOMATICALLY SHUT OFF AFTER NO MORE THAN 10 MINUTES OF INACTIVITY. DISPOSERS SHALL USE NO MORE THAN 8 GPM OF WATER.													
<input type="checkbox"/>	SECTION 5.303.5 AREAS OF ADDITION OR ALTERATION. FOR THOSE OCCUPANCIES WITHIN THE AUTHORITY OF THE CALIFORNIA BUILDING STANDARDS COMMISSION AS SPECIFIED IN SECTION 103, THE PROVISIONS OF SECTION 5.303.3 AND 5.303.4 SHALL APPLY TO NEW FIXTURES IN ADDITIONS OR AREAS OF ALTERATION TO THE BUILDING.	5.303.5 AREAS OF ADDITION OR ALTERATION. FOR THOSE OCCUPANCIES WITHIN THE AUTHORITY OF THE CALIFORNIA BUILDING STANDARDS COMMISSION AS SPECIFIED IN SECTION 103, THE PROVISIONS OF SECTION 5.303.3 AND 5.303.4 SHALL APPLY TO NEW FIXTURES IN ADDITIONS OR AREAS OF ALTERATION TO THE BUILDING.													
<input type="checkbox"/>	SECTION 5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. PLUMBING FIXTURES AND FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE, AND SHALL MEET THE APPLICABLE STANDARDS REFERENCED IN TABLE 1701.1 OF THE CALIFORNIA PLUMBING CODE AND IN CHAPTER 6 OF THIS CODE.	5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. PLUMBING FIXTURES AND FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE, AND SHALL MEET THE APPLICABLE STANDARDS REFERENCED IN TABLE 1701.1 OF THE CALIFORNIA PLUMBING CODE AND IN CHAPTER 6 OF THIS CODE.													

# nexus

engineering

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[www.nexusengineering.net](http://www.nexusengineering.net)  
AC . Plumbing/Piping . Fire Sprinkle  
process/Plant Engineering . Refrigerati

# CITY OF CERES WATER DIVISION

1921 ROCKEFELLER DR.  
CERES, CA 95307

1921 ROCKEFELLER DR  
CERES CA 95307

## PROJECT DETAILS

RED PROJECT NO:  
SUBMITTAL DATE:

## PROJECT REVISIONS

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## SHEET DETAILS

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DRAWN BY:  
CHECKED BY:  
COPYRIGHT: © R

## SHEET TITLE

# PLUMBING - GREEN BUILDING CODE NOTES

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**SHEET NUMBER**


# JOB COPY

# TANISLAUS COUNTY DING PERMIT SERVICES

ITEM NUMBER




1 PLUMBING - DEMOLITION FLOOR PLAN SOUTH BLDG  
P101  
SCALE: 1/4" = 1'-0"











# RED INC. ARCHITECTS

ROCKEFELLER WATER SERVICE  
CERES, STANISLAUS COUNTY, CALIFORNIA  
APN: 040-088-013



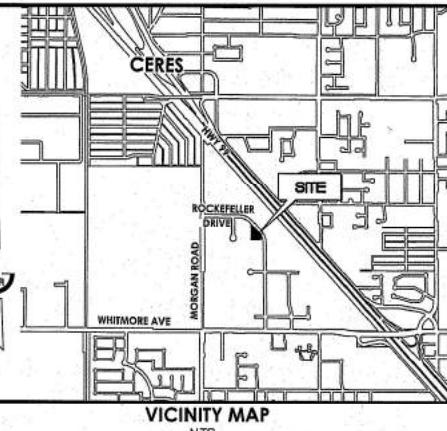
SITE MAP

NTS



UNDERGROUND FACILITIES SHOWN WERE LOCATED BASED ON INFORMATION PROVIDED BY UTILITY COMPANIES AND BY SURFACE FEATURES ONLY. NO ATTTEMPT WAS MADE TO LOCATE OTHER UNDERGROUND FACILITIES THAT WERE NOT READILY APPARENT FROM A VISUAL INSPECTION OF SURFACE FEATURES.

CONTRACTOR SHALL VERIFY ACTUAL DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION...CALL "UNDERGROUND SERVICE ALERT" (U.S.A.), TOLL FREE (800) 227-2600 PRIOR TO TRENCHING, GRADING, EXCAVATION, DRILLING, PIPE PUSHING, PLANTING TREES, DIGGING POST HOLES FOR FENCES, ETC.(U.S.A.) WILL SUPPLY INFORMATION OR LOCATE AND MARK ANY UNDERGROUND FACILITIES.



VICINITY MAP  
NTS

EXISTING	DESCRIPTION	PROPOSED
W	WATER LINE	
SS	SANITARY SEWER LINE	
SD	STORM DRAIN LINE	
—	PROPERTY LINE	
—	RIGHT OF WAY	
—	CENTER LINE	
—	ELECTROLIER	
BFP	BACK FLOW PREVENTOR	BFP
•	WATER VALVE	•
○	WATER METER	○
○	MANHOLE	○
W	WATER SERVICE	W
W	WATER SERVICE (BY OTHERS)	W
—	CURB & GUTTER	
—	CATCH BASIN	
—	TRANSFORMER	
—	ELECTRICAL LINE	
—	CLEAN OUT	
—	BOLLARD	
—	TREE	
—	SIGN	

LEGEND

APN	ASSESSOR'S PARCEL NUMBER
BFP	BACKFLOW PREVENTOR
BOL	BOLLARD
CO	CLEANOUT
E	ELECTRICAL
F & I	FURNISH AND INSTALL
FL	FL
INV	INVERT
LF	LINEAR FEET
NTS	NOT TO SCALE
PUE	PUBLIC UTILITY EASEMENT
R & D	REMOVE AND DISPOSE
R & R	RELOCATE OR REPLACE
R/W	RIGHT-OF-WAY
SD	STORM DRAIN
SOM	STORM DRAIN MANHOLE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
T	TRANSFORMER
TYP	TYPICAL
W	WATER

ABBREVIATIONS



1/8/2024  
DATE SIGNED:

1. COVER SHEET  
2. GENERAL NOTES  
3. UTILITY PLAN

SHEET INDEX

CAUTION:  
UNAUTHORIZED CHANGES AND USES

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR OR  
Liable for unauthorized changes to these plans. All  
changes to the plans must be in writing and just be approved by  
the engineer. Changes to these plans are to be made in accordance with  
the engineering standards and practices of the state of California.

**JOB COPY**

STANISLAUS COUNTY BUILDING PERMIT SERVICES	
DESCRIPTION	DATE BY
Dwg No. 23059050.dwg	LAYOUT R1-CVR
DRWNS: SO	Sheet 1 of 3
CHECKED:	
FILE NO. 23059	

APPROVED BY CITY ENGINEER, CITY OF CERES  
REVIEWED FOR CONFORMANCE WITH THE CITY OF CERES REQUIREMENTS ONLY.  
SINCE PLANS WERE PREPARED BY OTHERS, NO RESPONSIBILITY FOR THE ADEQUACY  
OF THE DESIGN IS EXPRESSED.

BY: GUIRONG CHANG, CITY ENGINEER  
DATE:

**GDR ENGINEERING, INC.**  
ENGINEERING/SURVEYING/PLANNING  
3525 MITCHELL ROAD, SUITE G CERES, CA 95307  
TELEPHONE: (209) 538-3360 FAX: (209) 538-7370  
E-MAIL: GDRENGINEERING@GDRENGR.COM

RED INC. ARCHITECTS ROCKEFELLER WATER SERVICE COVER SHEET	
SCALE: AS NOTED	DATE: 1/08/2024
Dwg No. 23059050.dwg	LAYOUT R1-CVR
DRWNS: SO	Sheet 1 of 3
CHECKED:	
FILE NO. 23059	

## CONSTRUCTION NOTES AND SPECIFICATIONS

## WATER SYSTEM

- CONNECTIONS TO EXISTING WATER SERVICES SHALL BE MADE BY CITY OF CERES CREWS PER CITY STANDARD SPECIFICATIONS. CONTRACTOR SHALL EXCAVATE THE AREA AND PROVIDE ALL MATERIALS REQUIRED.
- OPERATION OF WATER VALVES OR OTHER CONTROL DEVICES SHALL BE DONE BY CITY OF CERES CREWS.
- ALL WATER LINES SHALL BE INSTALLED WITH 30" MINIMUM COVER FROM FINISH GRADE. THE CONTRACTOR SHALL VERIFY THE LOCATION AND THE ELEVATION OF EXISTING WATER LINES PRIOR TO BEGINNING CONSTRUCTION.
- FOR 2 INCH WATER SERVICES: ALL PLASTIC PIPE SHALL BE ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENE FLEXIBLE PIPE TO COMPLY WITH AWWA C-901.
- WATER SERVICES SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON THE PLAN, OR AT LOCATIONS AS DETERMINED BY THE CITY ENGINEER, IF ADDITIONAL SERVICES ARE REQUIRED.
- WATER LINES SHALL BE CHLORINATED AND TESTED IN ACCORDANCE WITH THE CITY OF CERES STANDARD SPECIFICATIONS AND THE TEST RESULTS SHALL BE APPROVED BY THE CITY OF CERES PRIOR TO THE CONNECTION TO THE CITY WATER SYSTEM. THE FIRST TEST WILL BE PROVIDED AT NO CHARGE TO THE CONTRACTOR. ALL FEES SHALL BE CHARGED TO THE CONTRACTOR AT A RATE AS NOTED IN THE PROJECT SPECIAL PROVISION.
- WATER LINE CROSSING UNDER SEWER OR STORM SHALL HAVE COUPLING AND JOINTS GREATER THAN OR EQUAL TO 10 FEET FROM THE CLOSEST EDGE OF EXISTING PIPELINE.
- WATER LINE CROSSING UNDER SEWER OR STORM SYSTEM SHALL BE DR-14 FOR A MINIMUM OF 10 FEET ON EACH SIDE OF THE CROSSING.

## CONSTRUCTION NOTES AND SPECIFICATIONS

## SURVEYING

- THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCHMARKS, CONTROL POINTS, REFERENCE POINTS AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
- THESE PLANS HAVE BEEN PREPARED WITH THE INTENT THAT GDR ENGINEERING, INC. WILL BE PERFORMING THE SURVEYING STAKING FOR THE PROJECT. IF GDR ENGINEERING, INC. DOES NOT PERFORM SUCH STAKING, THEN NOTICE IS HEREBY GIVEN THAT GDR ENGINEERING, INC. WILL NOT ASSUME RESPONSIBILITY FOR ERRORS AND OMISSIONS, IF ANY, WHICH COULD HAVE BEEN AVOIDED, CORRECTED OR OTHERWISE RESOLVED HAD GDR ENGINEERING, INC. PERFORMED THE CONSTRUCTION STAKING FOR THE PROJECT.

PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE, IN THE FIELD, THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800)227-2600. THE CONTRACTOR SHALL RECORD THE U.S.A. ORDER NUMBER AND HAVE THE ORDER NUMBER AVAILABLE TO THE OWNER AND ENGINEER PRIOR TO ANY EXCAVATION.

THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGE CAUSED SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE AND COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE PROJECT.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY TO FIELD VERIFY ALL EXISTING IMPROVEMENTS, BOTH HORIZONTALLY AND VERTICALLY, AND TO EXPOSE ALL EXISTING UNDERGROUND UTILITIES RELATED TO THE PROJECT, INCLUDING BUT NOT LIMITED TO, SEWER, STORM DRAIN, WATER, IRRIGATION, GAS, ELECTRICAL, ETC. AND SHALL NOTIFY THE ENGINEER IN WRITING FORTY-EIGHT (48) HOURS IN ADVANCE OF EXPOSING THE UTILITIES, SO THAT THE LOCATION AND ELEVATION CAN BE VERIFIED AND DOCUMENTED. THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR THE VARIOUS ITEMS OF WORK INVOLVED. IF LOCATION AND/OR ELEVATION CHANGES FROM THAT SHOWN ON THE DESIGN PLANS, PROVISIONS TO ACCOMMODATE NEW LOCATION/ELEVATION MUST BE MADE, IN WRITING BY THE ENGINEER, PRIOR TO START OF CONSTRUCTION.

7. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONNEL AND PROPERTY. THE CONTRACTOR SHALL OPERATE SAFELY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, ENGINEER AND THE CITY HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

THE CONTRACTOR SHALL CONFORM TO ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH STANDARDS, RULES, REGULATIONS AND ORDERS ESTABLISHED BY THE STATE OF CALIFORNIA AND LOCAL AGENCIES. COSTS FOR COMPLYING WITH THESE PROVISIONS SHALL BE INCLUDED IN THE BID PRICE FOR THE VARIOUS ITEMS OF WORK INVOLVED.

8. ALL CONTRACTORS AND UTILITY COMPANIES INVOLVED IN THE CONSTRUCTION OF THIS PROJECT SHALL ATTEND A PRE-JOB CONFERENCE ARRANGED BY THE DEVELOPER AND/OR ENGINEER. THE MEETING WILL BE HELD AT THE CITY DEPARTMENT OF PUBLIC WORKS OFFICE FOR THE PURPOSE OF HELPING TO COORDINATE CONSTRUCTION AND INSPECTION OF THE PROJECT.

9. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ON THIS SITE, IT IS ADVISED THAT ALL INVOLVED PARTIES REVIEW SECTION 8771 AND SECTION 8725 OF THE BUSINESS AND PROFESSIONS CODE AND SECTION 605 OF THE CALIFORNIA STATE PENAL CODE TO ENSURE THAT MONUMENT CONSERVATION HAS BEEN PROPERLY ADDRESSED.

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR COSTS RESULTING FROM ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER AND ENGINEER.

10. ALL PRE-EXISTING SEWER LATERALS AND STORM DRAIN LINES SHALL BE VISIBLE INSPECTED TO ENSURE THAT THE LINES ARE CLEAR OF ANY DEBRIS AND THAT THEY ARE NOT DAMAGED.

11. MONUMENT PRESERVATION & PROTECTION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL SURVEY MONUMENTATION AND REFERENCE POINTS WHICH MAY BE LOST OR DISTURBED AS A RESULT OF THE WORK DONE PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THE LOCATION OF MONUMENTATION WHICH IS DISRUPTED. HE SHALL BE RESPONSIBLE FOR THE PRESERVATION AND/OR REPLACEMENT OF ALL SURVEY MONUMENTATION IN COMPLIANCE WITH 8771 OF THE BUSINESS AND PROFESSIONS CODE AND SECTION 732.5, 1492.5 AND 1080.5 OF THE CALIFORNIA STREETS AND HIGHWAY CODE. THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO SET TIES TO ANY MONUMENTS THAT MAY BE DISTURBED OR LOST DURING THE COURSE OF WORK PERFORMED. SUCH TIES SHALL BE SET IN LOCATIONS THAT ARE NOT OTHERWISE DISTURBED. THE CONTRACTOR SHALL BE HELD LIABLE FOR THE SURVEYOR'S RESPONSIBILITY FOR TIES, REFERENCE POINTS, CORNER RECORDS, MAPPING, CHECKING AND RECORDING FEES WHICH MAY BE REQUIRED AS A RESULT OF LOSS OR DISTURBANCE OF MONUMENTATION WHICH MAY OCCUR DURING THE COURSE OF THE WORK PERFORMED.

## GENERAL

- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE APPROVED PLANS AND SPECIFICATIONS AND THE FOLLOWING:
  - CITY OF CERES ENGINEERING DEPARTMENT STANDARD SPECIFICATIONS.
  - CONTRACT CHANGE ORDERS ISSUED BY THE DEVELOPER.
- IN ABSENCE OF MORE DETAILED REQUIREMENTS PROVIDED IN PROJECT PLANS AND SPECIFICATIONS AND LOCAL AGENCY STANDARDS, IT IS INTENDED THAT CONSTRUCTION AND INSTALLATION OF MATERIALS SHALL BE DONE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- THIS SET OF IMPROVEMENT PLANS IS VALID FOR CONSTRUCTION PURPOSES ONLY AFTER BEING SIGNED BY THE CITY OF CERES.
- ALL WORK SHALL BE INSPECTED BY THE CITY OF CERES AND CONTRACTOR SHALL REQUEST INSPECTIONS AND TESTING IN ACCORDANCE WITH THE CITY OF CERES ENGINEERING DEPARTMENT STANDARD SPECIFICATIONS AND OTHER DOCUMENTS THAT MAY BE IDENTIFIED BY CITY AND/OR OWNER REGARDING INSPECTION AND TESTING REQUIREMENTS.
- NO WORK SHALL BE STARTED IN THE PUBLIC RIGHT-OF-WAY UNTIL AN ENCROACHMENT PERMIT IS OBTAINED FROM THE CITY OF CERES DEPARTMENT OF PUBLIC WORKS. COSTS OF OBTAINING PERMIT AND COMPLYING WITH CONDITIONS OF PERMIT SHALL BE INCLUDED IN THE BID PRICE FOR THE VARIOUS ITEMS OF WORK INVOLVED.
- UNDERGROUND FACILITIES SHOWN ON THE PLANS WERE LOCATED USING INFORMATION PROVIDED BY UTILITY COMPANIES AND BY MEASURING SURFACE FEATURES. NO ATTEMPT WAS MADE TO LOCATE OTHER UNDERGROUND FACILITIES THAT WERE NOT READILY APPARENT FROM A VISUAL INSPECTION OF SURFACE FEATURES.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES THAT MAY EXIST IN THE PLANS OR SPECIFICATIONS.

UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, TOOLS, EQUIPMENT AND INCIDENTALS AND DO ALL WORK INVOLVED IN EXECUTING THE WORK IN A SATISFACTORY AND WORKMANLIKE MANNER.

- THE BIDDER SHALL EXAMINE CAREFULLY THE SITE OF THE WORK CONTEMPLATED. THE PLANS, SPECIFICATIONS AND THE PROPOSAL OR BID FORMS THEREFOR, THE SUBMISSION OF A BID SHALL BE CONCLUSIVE EVIDENCE THAT THE BIDDER HAS INVESTIGATED AND IS SATISFIED AS TO THE CONDITIONS TO BE ENCOUNTERED, AS TO THE CHARACTER, QUALITY AND SCOPE OF WORK TO BE PERFORMED, THE QUANTITIES OF MATERIALS TO BE FURNISHED AND AS TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS.
- F, DURING THE COURSE OF THEIR EXAMINATION, A BIDDER FINDS FACTS OR CONDITIONS WHICH APPEAR TO THEM TO BE IN CONFLICT WITH THE INTENT OF THE PROJECT PLANS AND SPECIFICATIONS, THEY SHALL CONTACT THE ENGINEER FOR ADDITIONAL INFORMATION AND EXPLANATION BEFORE SUBMITTING THEIR BID.
- THE CONTRACTOR SHALL MAINTAIN A SET OF FULL-SIZED AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL WATER, SEWER AND STORM DRAINAGE PIPING, ELECTRICAL AND MECHANICAL EQUIPMENT, CONDUITS, STRUCTURES AND OTHER FACILITIES. THE AS-BUILT PLANS OF THE ELECTRICAL SYSTEM SHALL INCLUDE THE STREET LAYOUT, PLANS SHOWING LOCATION OF LISTS, CONDUITS, CONDUCTORS, POINTS OF CONNECTIONS TO SERVICE, PLUG BOARDS AND WIRE CLOTHESLINE AS-BUILT DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING AT LEAST 48 HOURS PRIOR TO BACKFILLING OF ANY PIPE WHICH STUBS TO A FUTURE PHASE OF CONSTRUCTION FOR INVERT VERIFICATION.

- APPROPRIATE DUST CONTROL SHALL BE PROVIDED FOR ALLEVIATION OR PREVENTION OF DUST NUISANCE AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL MAINTAIN DUST CONTROL DURING CONSTRUCTION AND OTHER TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF CITY OF TURLOCK.

THE CONTRACTOR SHALL USE ALL REASONABLE EFFORTS TO OBTAIN NON-POTABLE WATER FOR CONSTRUCTION OR DUST CONTROL PURPOSES.

IF CONSTRUCTION WATER WILL BE OBTAINED FROM THE CITY'S FIRE HYDRANT(S), A FIRE HYDRANT USE PERMIT APPLICATION MUST BE SUBMITTED AND APPROVED BY THE PUBLIC WORKS DEPARTMENT. FEES, DEPOSITS, AND WATER RATES ARE LISTED ON THE APPLICATION.

- IF EXISTING IMPROVEMENTS NEED TO BE DISTURBED, RELOCATED AND/OR REMOVED FOR THE PROPER PLACEMENT OF IMPROVEMENTS TO BE CONSTRUCTED BY THESE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. THE COST OF RELOCATING, REMOVING AND/OR REPLACING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR RELATED ITEMS OF WORK.

6. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN CONSTRUCTION AND REMOVAL OPERATIONS TO PROTECT EXISTING IMPROVEMENTS AND UTILITIES, ADJACENT PROPERTY, AND LAND SURVEY POINTS. THE CONTRACTOR SHALL NOT DAMAGE, BREAK, OR DAMAGE ANY IMPROVEMENT OR FACILITY. ANY IMPROVEMENT OR FACILITY THAT IS REMOVED, BROKEN OR DAMAGED BY ACTION OF THE CONTRACTOR EITHER THROUGH HIS NEGLIGENCE OR OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.

- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR COSTS RESULTING FROM ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER AND ENGINEER.

8. ALL PRE-EXISTING SEWER LATERALS AND STORM DRAIN LINES SHALL BE VISIBLE INSPECTED TO ENSURE THAT THE LINES ARE CLEAR OF ANY DEBRIS AND THAT THEY ARE NOT DAMAGED.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL SURVEY MONUMENTATION AND REFERENCE POINTS WHICH MAY BE LOST OR DISTURBED AS A RESULT OF THE WORK DONE PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THE LOCATION OF MONUMENTATION WHICH IS DISRUPTED. HE SHALL BE RESPONSIBLE FOR THE PRESERVATION AND/OR REPLACEMENT OF ALL SURVEY MONUMENTATION IN COMPLIANCE WITH 8771 OF THE BUSINESS AND PROFESSIONS CODE AND SECTION 732.5, 1492.5 AND 1080.5 OF THE CALIFORNIA STREETS AND HIGHWAY CODE. THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO SET TIES TO ANY MONUMENTS THAT MAY BE DISTURBED OR LOST DURING THE COURSE OF WORK PERFORMED. SUCH TIES SHALL BE SET IN LOCATIONS THAT ARE NOT OTHERWISE DISTURBED. THE CONTRACTOR SHALL BE HELD LIABLE FOR THE SURVEYOR'S RESPONSIBILITY FOR TIES, REFERENCE POINTS, CORNER RECORDS, MAPPING, CHECKING AND RECORDING FEES WHICH MAY BE REQUIRED AS A RESULT OF LOSS OR DISTURBANCE OF MONUMENTATION WHICH MAY OCCUR DURING THE COURSE OF THE WORK PERFORMED.

NOTE: LETTERS ARE SENT TO LOCAL UTILITY COMPANIES TO REQUEST EXISTING UNDERGROUND FACILITY INFORMATION INCLUDING LOCATION AND SIZE.

NOTE BELOW INDICATES STATUS OF INFORMATION RECEIVED FROM THE RESPECTIVE AGENCIES.

UTILITY COMPANIES:  
PACIFIC GAS & ELECTRIC COMPANY  
ATTN: DELINEATIONMAPREQUESTS@PGC.COM  
ATTN: RICH WALLACE  
3185 M STREET  
MEREDO, CA 95348  
(RECEIVED RESPONSE)

AT&T:  
ATTN: DAWN SIBLEY  
1116 M STREET  
MODESTO, CA 95354  
(DID NOT RECEIVE)

CHARTER SPECTRUM:  
ATTN: ABRAHAM ZAMORA & MITCHELL KEELE  
773 N WALNUT  
TURLOCK, CA 95380  
(DID NOT RECEIVE)

TURLOCK IRRIGATION DISTRICT:  
ATTN: TODD TROGLIN  
P. O. BOX 949  
PHYSICAL ADDRESS: 333 EAST CANAL DRIVE  
TURLOCK, CA 95381  
(RECEIVED RESPONSE)

TURLOCK IRRIGATION DEPARTMENT:  
ATTN: DAVID PORATH  
P. O. BOX 949  
PHYSICAL ADDRESS: 333 EAST CANAL DRIVE  
TURLOCK, CA 95381  
(RECEIVED RESPONSE)

*John K. Chapman*  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL  
STATE OF CALIFORNIA  
11/8/2024  
DATE SIGNED

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER FROM RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS OR OMISSIONS CONTAINED THEREIN. IF DURING THE COURSE OF CONSTRUCTION THE PUBLIC INTEREST REQUIRES A MODIFICATION OR DEPARTURE FROM THE CITY SPECIFICATIONS, OR THE APPROVED PLANS, THE CITY SHALL HAVE THE AUTHORITY TO REQUIRE SUCH MODIFICATION OR DEPARTURE, AND TO SPECIFY THE MANNER IN WHICH THE SAME IS MADE.

## PIPE SCHEDULE

DESCRIPTION	TYPE OF PIPE
WATER (1" THROUGH 2")	ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENE FLEXIBLE PIPE

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS REQUIRED BY THE CITY OF CERES FOR WORK PERFORMED IN THE PUBLIC RIGHT OF WAY.

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER FROM RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS OR OMISSIONS CONTAINED THEREIN. IF DURING THE COURSE OF CONSTRUCTION THE PUBLIC INTEREST REQUIRES A MODIFICATION OR DEPARTURE FROM THE CITY SPECIFICATIONS, OR THE APPROVED PLANS, THE CITY SHALL HAVE THE AUTHORITY TO REQUIRE SUCH MODIFICATION OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH THE SAME IS MADE.

1. THIS SET OF IMPROVEMENT PLANS IS VALID FOR CONSTRUCTION PURPOSES ONLY AFTER THEY HAVE BEEN SIGNED BY THE CITY ENGINEER.
2. ALL CONTRACTORS INVOLVED IN THE CONSTRUCTION OF THIS PROJECT SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE ARRANGED BY THE CITY AT THE ENGINEERING SERVICES DEPARTMENT FOR CONSTRUCTION AND INSPECTION COORDINATION.
3. THE CITY OF CERES ENGINEERING DEPARTMENT IMPROVEMENTS STANDARDS AND SPECIFICATIONS ARE MADE A PART OF THESE PLANS. CURRENT STANDARDS AND SPECIFICATIONS SHALL BE KEPT ON SITE DURING CONSTRUCTION.

CAUTION:  
UNAUTHORIZED CHANGES AND USES

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR OR LIABLE FOR UNAUTHORIZED CHANGES OR USES OF THESE PLANS. ALL CHANGES TO THESE PLANS MUST BE MADE IN WRITING AND APPROVED BY THE PREPARED THESE PLANS AND THE CITY ENGINEER.

JOB COPY

STANISLAUS COUNTY  
BUILDING PERMIT SERVICES

GDR ENGINEERING, INC.  
ENGINEERING/SURVEY/PLANNING  
3525 MITCHELL ROAD, SUITE G  
CERES, CA 95307  
TELEPHONE: (209) 538-3360 FAX: (209) 538-7370  
E-MAIL: GDRENGINEERING@GDRENG.COM

RED INC. ARCHITECTS  
ROCKEFELLER WATER SERVICE  
GENERAL NOTES  
SCALE: NOT TO SCALE  
DWG NO: 2305905GN.dwg  
DRAWN: SO  
CHECKED: BY  
DATE: 1/08/2024  
LAYOUT: 2-NOTE  
SHEET: 2 OF 3  
FILE NO.: 23059



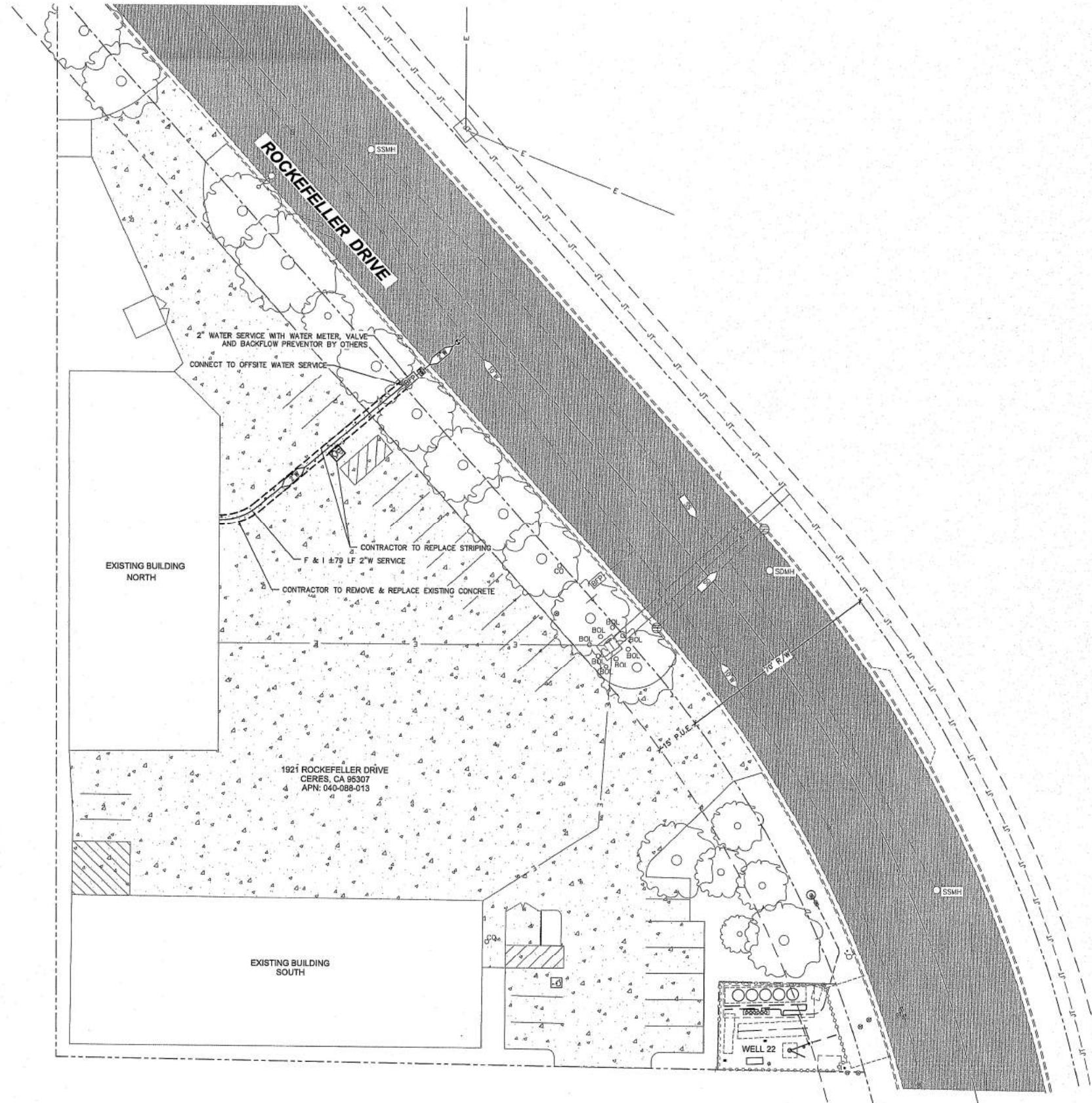
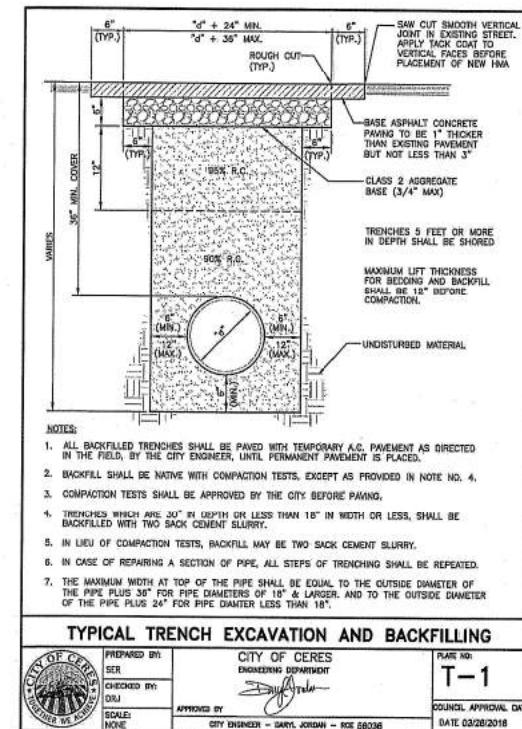
UNDERGROUND FACILITIES SHOWN WERE LOCATED BASED ON INFORMATION PROVIDED BY UTILITY COMPANIES AND BY MEASURING SURFACE FEATURES. NO ATTEMPT WAS MADE TO LOCATE OTHER UNDERGROUND FACILITIES THAT WERE NOT READILY APPARENT FROM A VISUAL INSPECTION OF SURFACE FEATURES.

CONTRACTOR SHALL VERIFY ACTUAL DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION...CALL "UNDERGROUND SERVICE ALERT" (U.S.A.), TOLL FREE (800) 227-2600 PRIOR TO TRENCHING, GRADING, EXCAVATION, DRILLING, PIPE PUSHING, PLANTING TREES, DIGGING POST HOLES FOR FENCES, ETC. (U.S.A.) WILL SUPPLY INFORMATION OR LOCATE AND MARK ANY UNDERGROUND FACILITIES.



UNDERGROUND FACILITIES SHOWN WERE LOCATED BASED ON INFORMATION PROVIDED BY UTILITY COMPANIES AND BY MEASURING SURFACE FEATURES. NO ATTEMPT WAS MADE TO LOCATE OTHER UNDERGROUND FACILITIES THAT WERE NOT READILY APPARENT FROM A VISUAL INSPECTION OF SURFACE FEATURES.

CONTRACTOR SHALL VERIFY ACTUAL DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CALL "UNDERGROUND SERVICE ALERT" (U.S.A.), TOLL FREE (800) 227-2626 PRIOR TO TRENCHING, GRADING, EXCAVATION, DRILLING, PIPE PUSHING, PLANTING TREES, DIGGING POST HOLES FOR FENCES, ETC. (U.S.A.) WILL SUPPLY INFORMATION OR LOCATE AND MARK ANY UNDERGROUND FACILITIES.



1/8/2024

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CAUTION:  
UNAUTHORIZED CHANGES AND USES

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR OR  
LAW FOR UNAUTHORIZED CHANGES OR USES OF THESE PLANS. ALL  
CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY  
THE ENGINEER OF THESE PLANS AND THE BUILDING ENGINEER.

COPY

STANISLAUS COUNTY  
BUILDING PERMIT SERVICES

