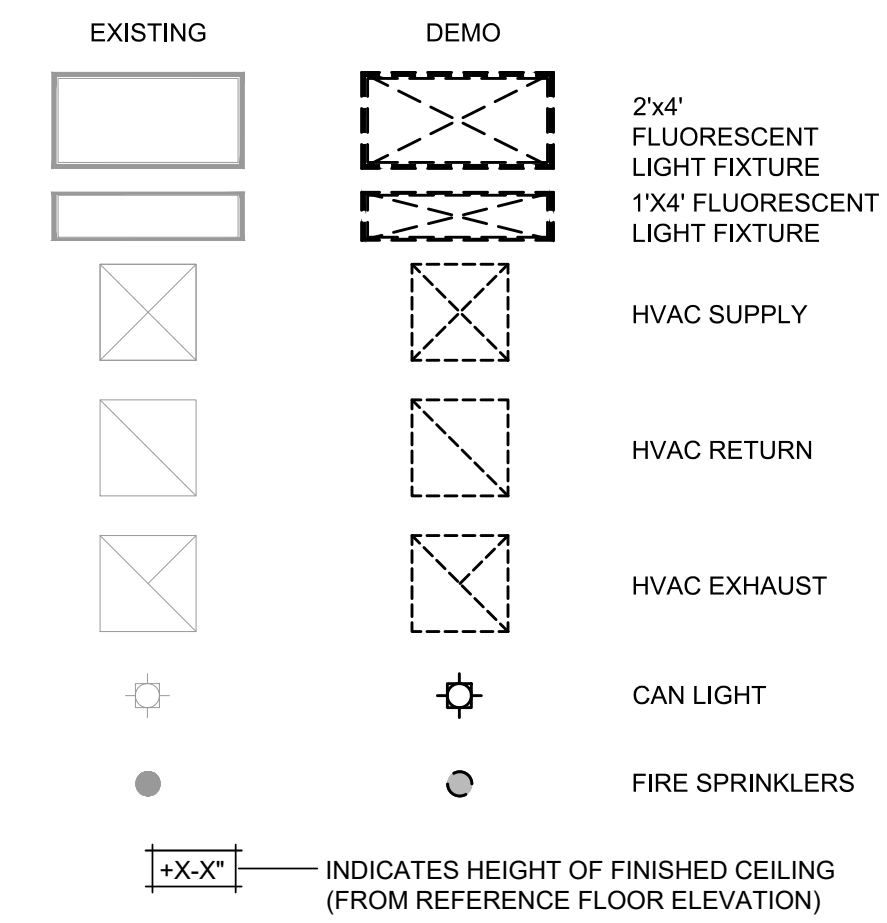


DEMO RCP LEGEND

NOTE:
THE SYMBOLS INDICATED BELOW CORRESPOND TO WORK SHOWN ON THE MECHANICAL AND ELECTRICAL DRAWINGS. REFER TO THESE DRAWINGS FOR SPECIFIC INFORMATION, TYPES, SIZES, AND QUANTITIES. NOT ALL ITEMS ARE SHOWN ON THESE REFLECTED CEILING PLANS, AND, TO THE EXTENT THAT ITEMS ARE SHOWN, THE PURPOSE IS TO INDICATE THEIR LAYOUTS AND LOCATIONS RELATIVE TO CEILING, WALL, AND ROOM LAYOUTS.

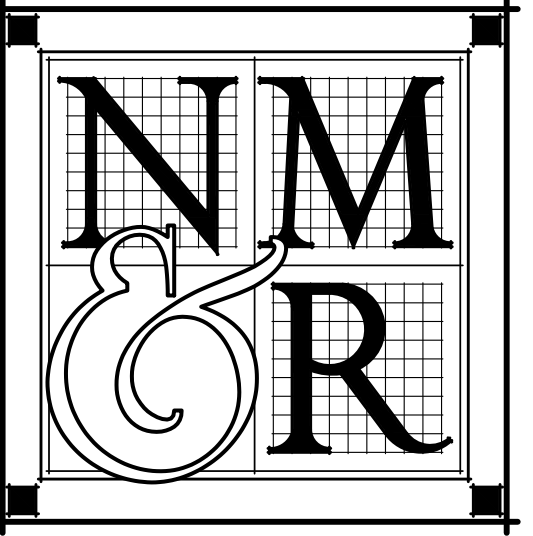


SHEET NOTES

- 1 EXISTING CEILING TO BE REMOVED
- 2 EXISTING LIGHT FIXTURE TO BE REMOVED
- 3 EXISTING MECHANICAL DIFFUSER TO BE REMOVED
- 4 EXISTING FIRE SPRINKLERS TO BE ADJUSTED - DEFERRED APPROVAL

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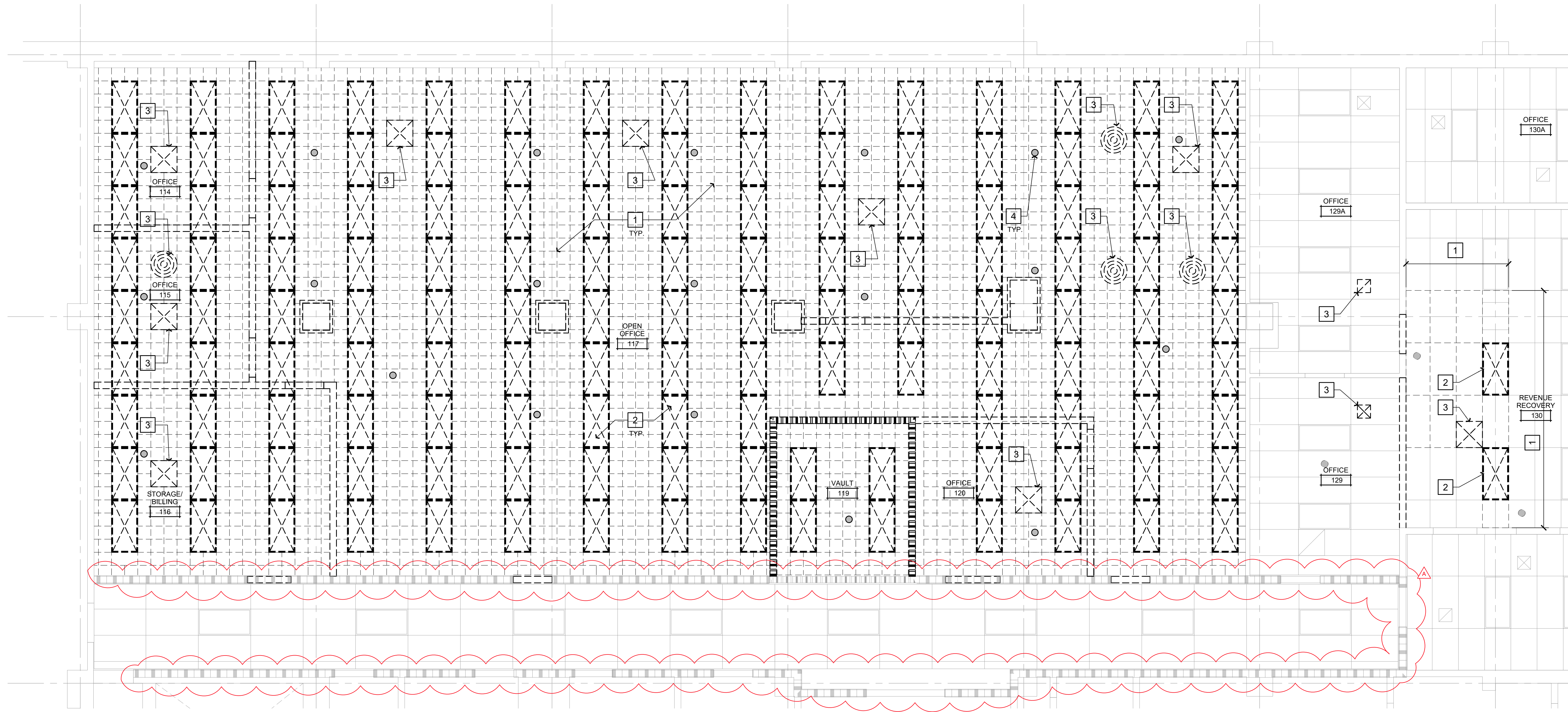


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CONSULTANTS



LICENSE STAMPS



PROJECT NAME

HUMBOLDT COUNTY

AUDITOR-CONTROLLER
OFFICE REMODEL

825 5TH STREET
EUREKA, CALIFORNIA

SHEET TITLE
DEMO
REFLECTED
CEILING PLAN

DRAWING STATUS
CONSTRUCTION
DOCUMENTS

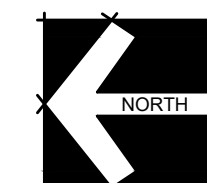
REVISIONS

Sym.	Description	By	Date
△	AGENCY REVIEW		02/2023

Drawn By	QL
Checked By	DRC
Date Drawn	11/2022
Scale	AS NOTED
Job No.	17-6430.00

SHEET No.









A150



DEMO REFLECTED CEILING PLAN

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

LEGEND

-  EXISTING NON-RATED WALL TO REMAIN
-  NEW NON-RATED WALL
-  EXISTING 1-HR WALL TO REMAIN
-  NEW 1-HR RATED WALL
-  EXISTING 2-HR WALL TO REMAIN
-  NEW 2-HR RATED WALL
-  CARD READER
-  FIRE EXTINGUISHER CABINET - SEE 2/G002

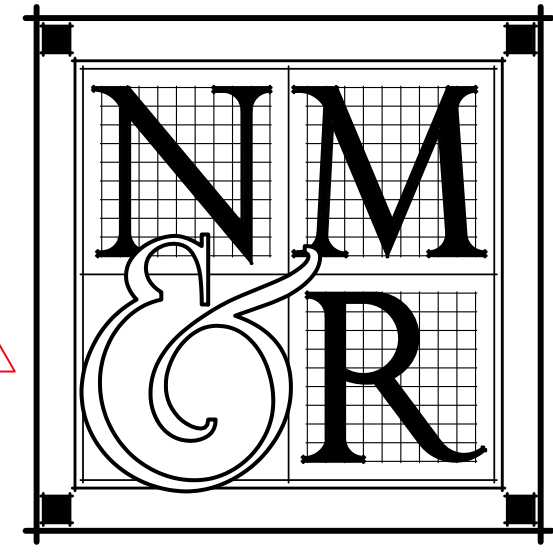
GENERAL NOTES

- A. FURNITURE, WHERE SHOWN, IS FOR REFERENCE ONLY.
- B. CONTRACTOR TO FIELD VERIFY THAT EXISTING PARTITIONS TO REMAIN CONFORM WITH REQUIREMENTS FOR FIRE RESISTANCE AND/OR SMOKE BARRIERS WITHIN THE CONTRACT AREA. SEE COVER SHEET FOR CONTRACT AREA (AREA OF PROPOSED REMODEL).
- C. EXISTING CONDITIONS: DIMENSIONS AND CONDITIONS TYING INTO, OR GOVERNED BY, EXISTING CONSTRUCTION ARE APPROXIMATE. SUCH DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS. THE FIRST SUBMITTAL OF SHOP DRAWINGS SHALL CONTAIN FIELD VERIFIED DIMENSIONS AND CONDITIONS. IF DIMENSIONS OR CONDITIONS SIGNIFICANTLY VARY FROM THOSE INDICATED BY THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT BEFORE PREPARATION OF THE SHOP DRAWINGS.
- D. WHERE TWO DIFFERING SHEET VINYL FLOORINGS (OR OTHER SEAMLESS FLOORING MATERIALS) CREATE A TRANSITION AT A DOORWAY, THEY SHALL BE SEALED AND BUTTED TOGETHER AT THE CENTERLINE OF THE DOOR PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- E. DIMENSIONS TO NEW WALLS ARE TO FACE OF FRAMING.
- F. DIMENSIONS TO EXISTING WALLS ARE TO FACE OF FINISH.
- G. TYPICAL WALL CONSTRUCTION IS U.N.O. SEE A710 FOR PARTITION TYPES ASSEMBLIES AND NOTES
- H. ACCESS CONTROL SYSTEM (CARD READERS) TO BE OWNER FURNISHED, OWNER INSTALLED

SHEET NOTES

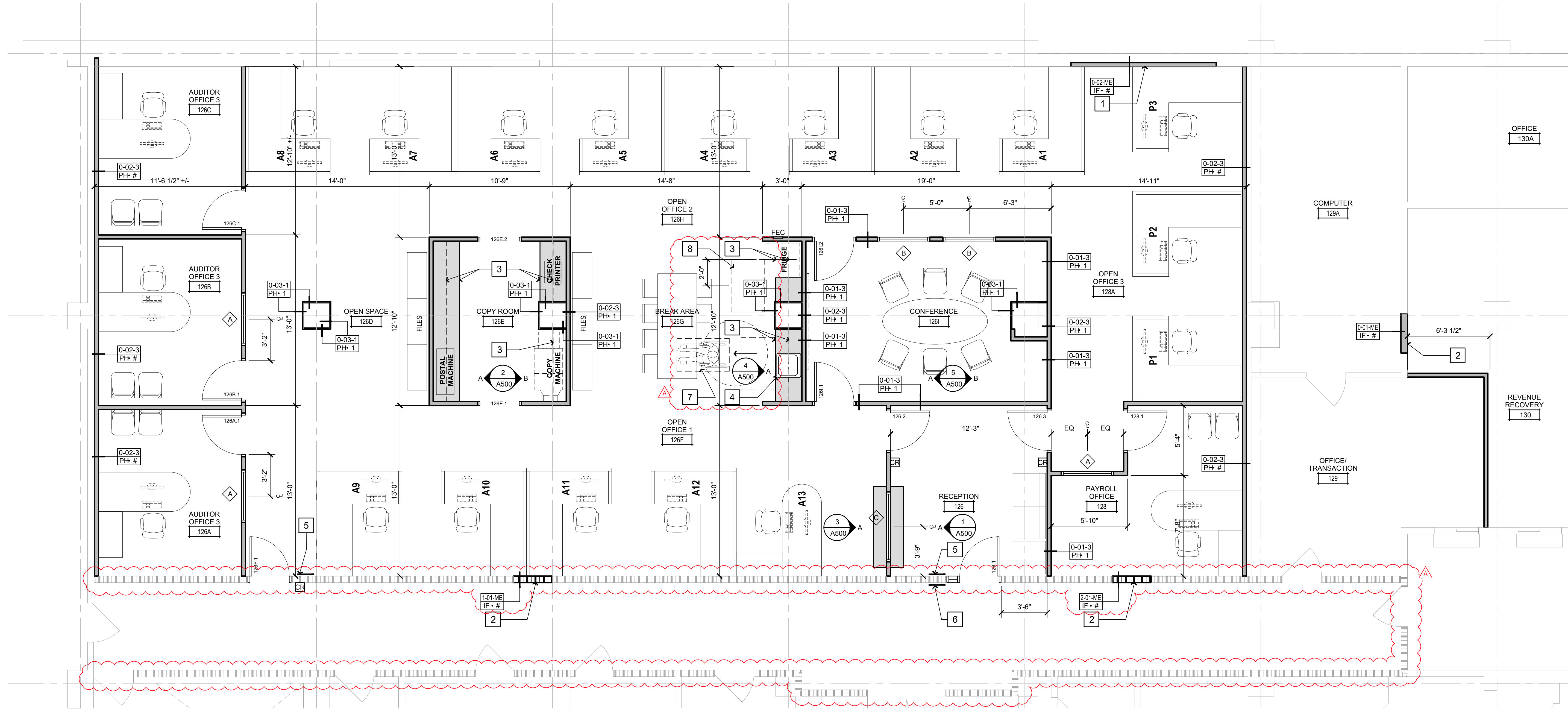
- 1 INFILL WINDOW OPENING PER DETAIL 9/A900
- 2 INFILL DOOR OPENING PER DETAIL 6/A900
- 3 NOT USED
- 4 SINK AND FAUCET - SEE PLUMBING DRAWINGS
- 5 EXIT ROUTE SIGNAGE - SEE 1/A980
- 6 SUITE SIGNAGE - SEE 2/A980
- 7 ALL DINNING SURFACES SHALL BE PROVIDED AT ACCESSIBLE HEIGHTS AS WELL AS PROVIDE ACCESSIBLE CLEAR FLOOR AND KNEE SPACES. OWNER SELECTED FURNITURE SHALL COMPLY.
- 8 COMBINATION REFRIGERATORS AND FREEZERS SHALL HAVE AT LEAST 50 PERCENT OF THE FREEZER SPACE 54 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. THE CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR A PARALLEL APPROACH TO THE SPACE DEDICATED TO A REFRIGERATOR/FREEZER WITH THE CENTERLINE OF THE CLEAR FLOOR OR GROUND SPACE OFFSET 24 INCHES MAXIMUM FROM THE CENTERLINE OF THE DEDICATED SPACE.

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LICENSE STAMPS



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**AUDITOR-
 CONTROLLER
 OFFICE REMODEL**

825 5TH STREET
 EUREKA, CALIFORNIA

SHEET TITLE

FLOOR PLAN

DRAWING STATUS
 CONSTRUCTION DOCUMENTS

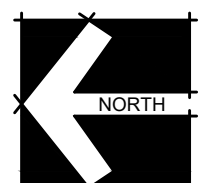
REVISIONS

Sym.	Description	By	Date
A	AGENCY REVIEW		02/2023

Drawn By	QL
Checked By	DRC
Date Drawn	11/2022
Scale	AS NOTED
Job No.	17-6430.00

SHEET No.

A210



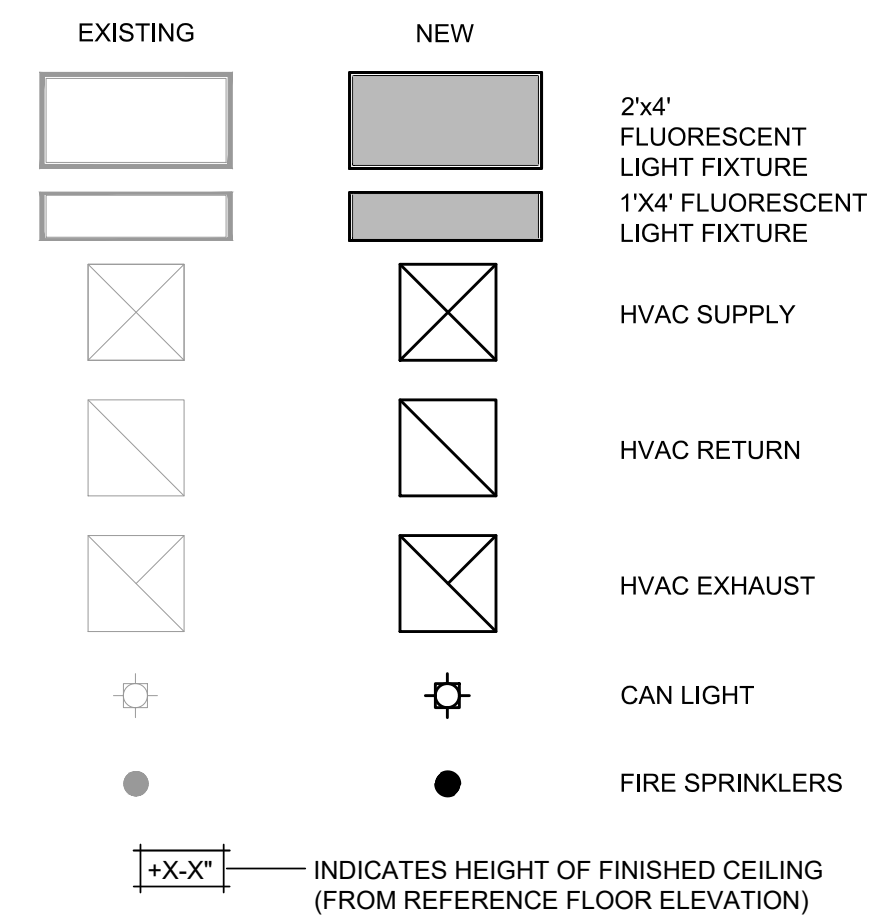
FLOOR PLAN

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

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CEILING LEGEND

NOTE:
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GENERAL CEILING NOTES

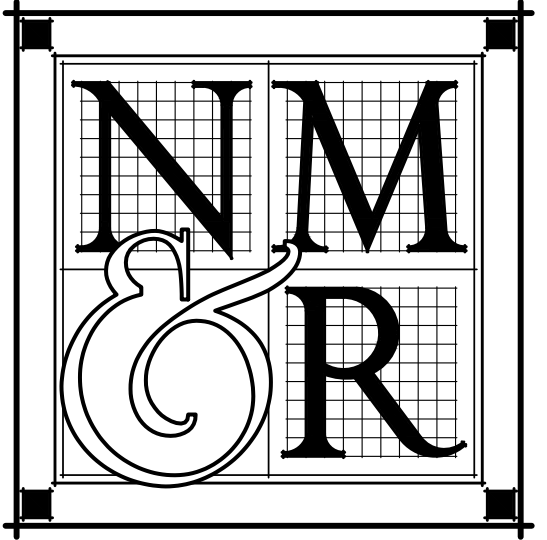
- AT EXISTING SUSPENDED CEILING GRIDS AND TILES TO REMAIN, REPLACE ANY DAMAGED TILES AND REPAIR ANY DAMAGED OR MISSING INSULATION ABOVE CEILING.
- MAINTAIN CEILING HEIGHTS AND LIGHTING LAYOUT PATTERNS SHOWN, UNLESS OTHERWISE APPROVED BY ARCHITECT. CONFLICTS CAUSED BY DUCTWORK, SPRINKLER PIPING, CONDUIT, AND/OR OTHER ITEMS OR FEATURES OF CONSTRUCTION SHALL NOT CONSTITUTE CAUSE FOR VARIANCE FROM CEILING HEIGHTS AND/OR LIGHTING LAYOUTS INDICATED IN THESE DRAWINGS. COORDINATE ALL WORK TO ACHIEVE HEIGHTS AND LAYOUTS AS INDICATED IN THESE DRAWINGS.
- REFER TO MECHANICAL, ELECTRICAL, AND FIRE PROTECTION, DRAWINGS FOR ADDITIONAL CONSTRUCTION FEATURES, SYSTEMS, FIXTURES, AND EQUIPMENT LOCATED IN, ON, AND ABOVE CEILINGS. TO THE EXTENT THAT THESE ITEMS ARE SHOWN ON REFLECTED CEILING PLANS, THEY ARE FOR GENERAL INFORMATION AND LAYOUT PURPOSES ONLY, AND DO NOT NECESSARILY REPRESENT ACTUAL SCOPE OR QUANTITIES REQUIRED FOR THE PROJECT.
- AT ACOUSTICAL TILE CEILINGS, ALL FIXTURES AND EQUIPMENT SHALL BE CENTERED WITHIN ACOUSTICAL CEILING TILES, IN BOTH DIRECTIONS.
- SPRINKLER HEAD LOCATIONS SHALL RESULT IN A UNIFORM AND REPETITIVE PATTERN FOR EACH AREA, AND SHALL BE LOCATED SYMMETRICALLY WITH RESPECT TO WALLS, CEILING GRID PATTERNS, AND LIGHT FIXTURES. SPRINKLER HEADS IN ACOUSTICAL CEILINGS SHALL BE LOCATED IN THE CENTERS OF THE CEILING TILES.
- AT EXISTING CEILINGS THAT ARE RAISED, THE GYPSUM BOARD AT THE SURROUNDING WALLS SHALL BE RAISED BY A CORRESPONDING HEIGHT IF NOT ALREADY FULL HEIGHT.
- MAINTAIN ADEQUATE EGRESS FOR THE DURATION OF THE PROJECT.

SHEET NOTES

- WOOD PLANK CEILING
- GYP. BOARD SOFFIT
- SUSPENDED SPECIALTY LIGHTING FIXTURE
- PATCH AND REPAIR CEILING TO MATCH EXISTING
- CEILING RECESSED WINDOW SHADE AND HOUSING

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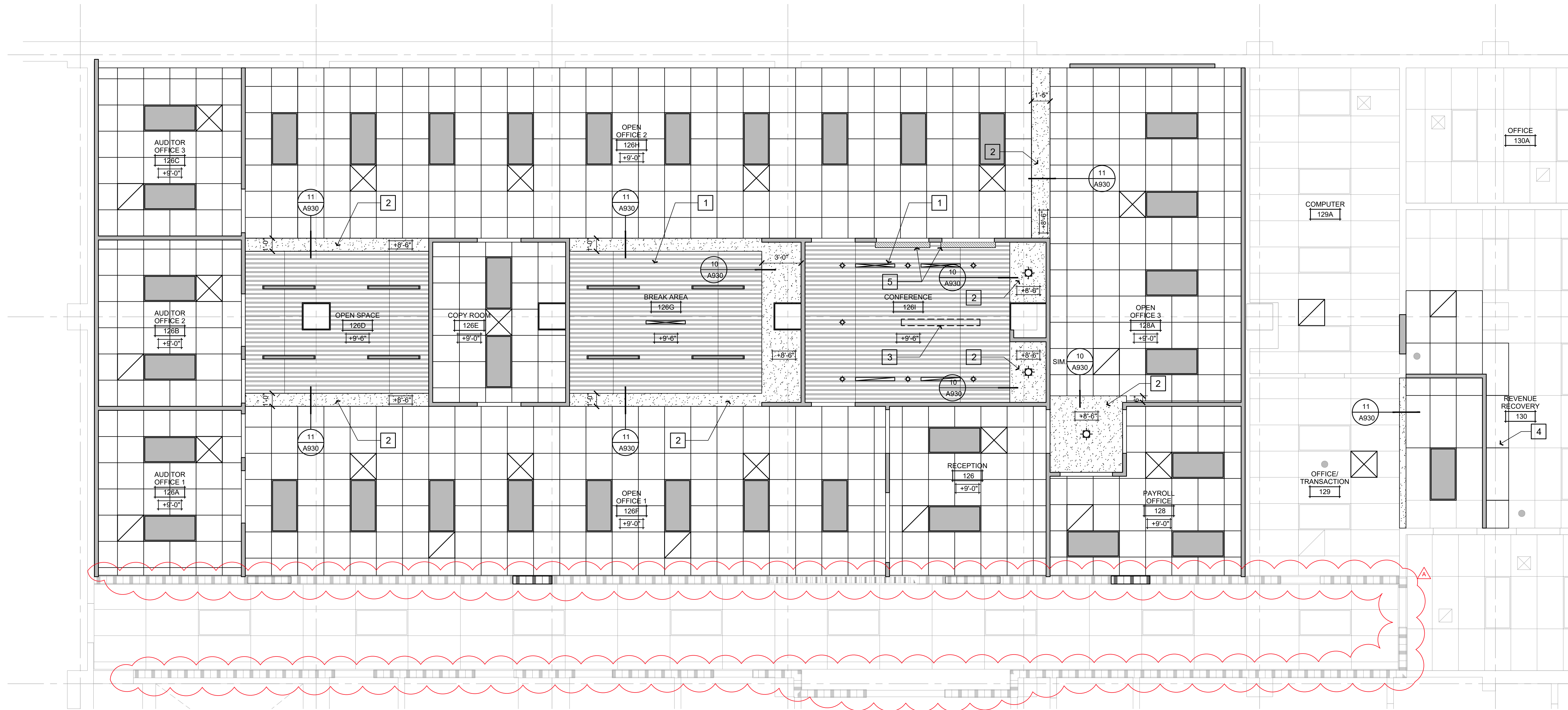


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CONSULTANTS



LICENSE STAMPS



PROJECT NAME

HUMBOLDT
COUNTY

AUDITOR-
CONTROLLER
OFFICE REMODEL

825 5TH STREET
EUREKA, CALIFORNIA

SHEET TITLE
REFLECTED
CEILING
PLAN

DRAWING STATUS
CONSTRUCTION
DOCUMENTS

REVISIONS

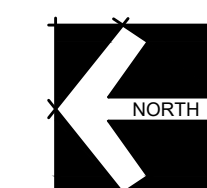
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△	AGENCY REVIEW		02/2023

Drawn By	QL
Checked By	DRC
Date Drawn	11/2022
Scale	1/4" = 1'-0"
Job No.	17-6430.00

SHEET No.

A250

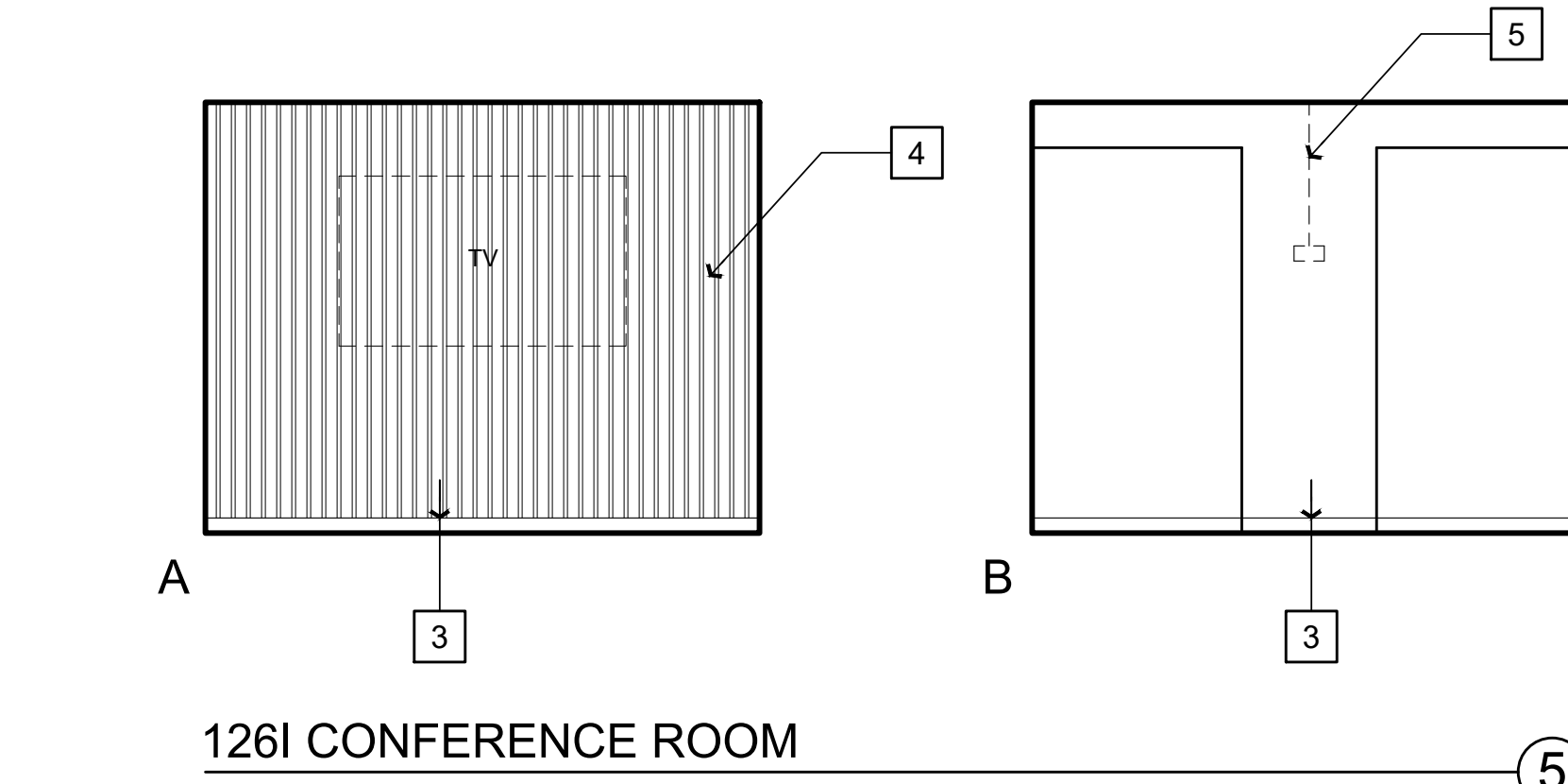
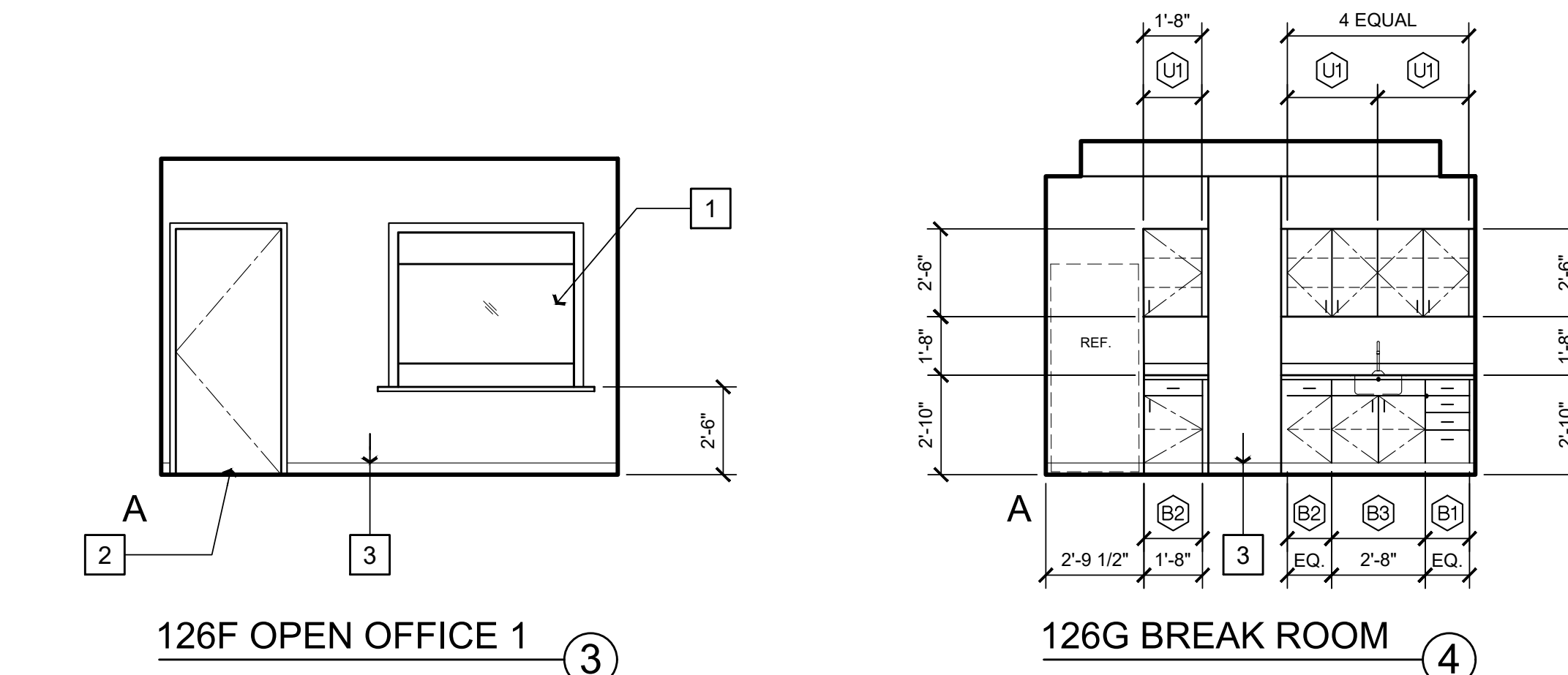
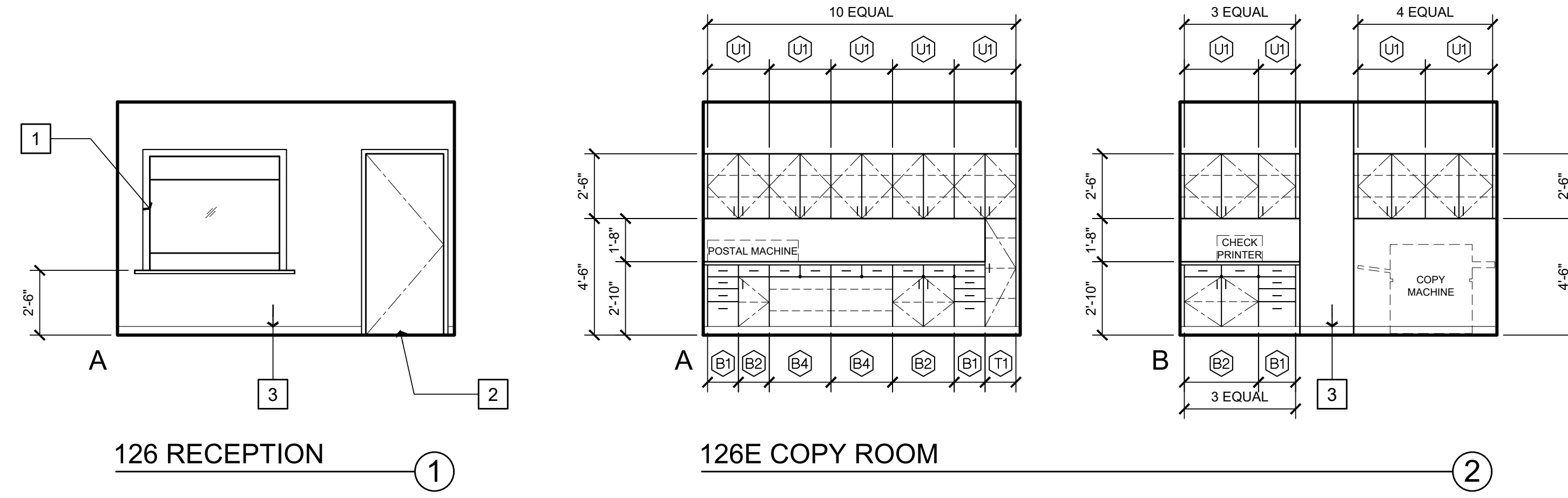
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 Plot Date: February 28, 2023 - 11:15 am
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REFLECTED CEILING PLAN

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

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 Plot Date: April 03, 2023 - 1:04 pm
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SHEET NOTES

- 1 TRANSACTION WINDOW WITH COUNTER
- 2 DOOR AND FRAME
- 3 BASE
- 4 WP-1 ACCENT WALL - SEE FINISH LEGEND
- 5 SUSPENDED LIGHT FIXTURE - SEE ELECTRICAL

GENERAL NOTES

- A. GENERAL CONTRACTOR TO PROVIDE STRUCTURAL SUPPORT, BACKING AND/OR METAL REINFORCEMENT IN STUD WALLS AT ALL CASEWORK, CABINETS, SHELVING, EQUIPMENT ETC. REFER TO 10/A900 & 1/G002 FOR TYPICAL BACKING SCHEDULE AND TYPICAL MOUNTING HEIGHTS AND ARRANGEMENTS OF COMMON SPECIALTY ITEMS.
- B. SEE MECHANICAL, ELECTRICAL & LOW VOLTAGE DRAWINGS FOR EXTENT AND LOCATION OF ADDITIONAL WALL MOUNTED ITEMS SUCH AS CARD READERS, THERMOSTATS, SWITCHES, OUTLETS, CLOCKS, FIRE ALARM, ETC. LOCATE ALL OUTLETS, SWITCHES, EQUIP., RECEPTACLE BOXES & OTHER SIMILAR RELATED ITEMS FOR OWNER'S FINAL APPROVAL PRIOR TO CONDUIT/PIPE INSTALLATION.
- C. CONTRACTOR TO COORDINATE LOCATION OF CONTRACTOR OR OWNER FURNISHED ITEMS.
- D. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR SPECIFIC FINISH MATERIAL.
- E. ALL VERTICAL DIMENSIONS ARE FROM FINISHED FLOOR, U.N.O.
- F. WHERE OUTLETS, MONITORS AND LIGHT SWITCHES ARE NOT DIMENSIONED AT A GIVEN ELEVATION, CAN BE ASSUMED TO BE SIMILAR TO THE ONE ON THE ELEVATION THAT IS DIMENSIONED. WHERE OUTLETS ARE DIMENSIONED ON AN ELEVATION THE TYPICAL FRAMING MUST BE ALTERED AND/OR STUDS HEADED OFF TO ACCOMMODATE DIMENSIONED LOCATIONS AND SHOWN.
- G. ALL WALL SURFACES IN NEED OF REPAIR SHALL BE FILLED, SPACKLED AND TEXTURED TO MATCH THE EXISTING WALLS. FINISH AS SPECIFIED.
- H. RECEPTACLE OUTLETS AT COUNTERTOPS SHALL BE 44" MAX. ABOVE FINISH FLOOR.

BUILT-IN CASEWORK NOTES

- AA. PROVIDE BACKSPLASH AND ENDSPLASH OF MATERIAL MATCHING COUNTERTOP ON ALL COUNTERTOPS U.O.N. BACKSPLASH TO RETURN AT ALL CABINET ENDS - SEE DETAILS OR NOTES FOR HEIGHTS.
- BB. PROVIDE ONE ADJUSTABLE SHELF AT BASE CABINETS EXCEPT SINK BASE. U.O.N.
- CC. PROVIDE TWO ADJUSTABLE SHELVES AT UPPER CABINETS.
- DD. PROVIDE 3" DIAMETER GROMMETS AT BACK OF COUNTER AS DIRECTED BY OWNER.

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825 5TH STREET
 EUREKA, CALIFORNIA

SHEET TITLE
INTERIOR ELEVATIONS

DRAWING STATUS
CONSTRUCTION DOCUMENTS

REVISIONS

Sym.	Description	By	Date
AA	AGENCY REVIEW		02/2023

Drawn By	QL
Checked By	DRC
Date Drawn	11/2022
Scale	1/4" = 1'-0"
Job No.	17-6430.00

SHEET No.
A500

DOOR SCHEDULE

DOOR NUMBER	DOOR					FRAME			DETAIL			FIRE RATING	HARDWARE GROUP SEE SPEC SECTION 08 71 00	REMARKS	
	SIZE	TYPE	MATERIAL	FINISH	GLAZING	MATERIAL	TYPE	FINISH	GLAZING	HEAD	JAMB				SILL
126.1	3'-0" X 7'-0"	F	SC	WD	GL45	HM	C	MP	GL90	2/A710	3/A710	-	45	1	SPECIES AND STAIN TO MATCH EXISTING
126.2	3'-0" X 7'-0"	N	SC	PL	T	HM	A	MP	-	2/A710	3/A710	-	-	2	CR
126.3	3'-0" X 7'-0"	N	SC	PL	T	HM	A	MP	-	2/A710	3/A710	-	-	2	CR
126A.1	3'-0" X 7'-0"	F	SC	PL	-	HM	A	MP	-	2/A710	3/A710	-	-	3	-
126B.1	3'-0" X 7'-0"	F	SC	PL	-	HM	A	MP	-	2/A710	3/A710	-	-	3	-
126C.1	3'-0" X 7'-0"	F	SC	PL	-	HM	A	MP	-	2/A710	3/A710	-	-	3	-
126E.1	3'-0" X 7'-0"	-	-	-	-	HM	B	MP	-	2/A710 SIM.	3/A710 SIM.	-	-	4	-
126E.2	3'-0" X 7'-0"	-	-	-	-	HM	B	MP	-	2/A710 SIM.	3/A710 SIM.	-	-	4	-
126F.1	3'-0" X 7'-0"	F	SC	WD	GL45	HM	A	MP	-	2/A710	3/A710	-	45	5	CR; SPECIES AND STAIN TO MATCH EXISTING
126I.1	3'-0" X 7'-0"	FG	SC	PL	T	HM	A	MP	-	2/A710	3/A710	-	-	6	-
126I.2	3'-0" X 7'-0"	FG	SC	PL	T	HM	A	MP	-	2/A710	3/A710	-	-	6	-
128.1	3'-0" X 7'-0"	F	SC	PL	-	HM	A	MP	-	2/A710	3/A710	-	-	3	-

ROOM FINISH SCHEDULE

NO.	ROOM NAME	FLOOR		WALLS				CEILING FINISH	SOFFIT FINISH	CASEWORK			DOOR FINISH	DOOR & WINDOW FRAME FINISH	ROOM FINISH REMARKS
		MATERIAL	BASE	NORTH	EAST	SOUTH	WEST			WALL HUNG CABINET (UPPER CABINET)	BASE CABINET / FULL HEIGHT CABINET	COUNTERTOP			
126	RECEPTION	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	ACT-1	-	-	-	-	PL-2	PT-3	-
126A	AUDITOR OFFICE 1	LVT-1	B-1	PT-2	PT-1	PT-1	PT-1	ACT-1	-	-	-	-	PL-2	PT-3	-
126B	AUDITOR OFFICE 2	LVT-1	B-1	PT-2	PT-1	PT-1	PT-1	ACT-1	-	-	-	-	PL-2	PT-3	-
126C	AUDITOR OFFICE 3	LVT-1	B-1	PT-2	PT-1	PT-1	PT-1	ACT-1	-	-	-	-	PL-2	PT-3	-
126D	OPEN SPACE	LVT-1	B-1	PT-1	-	PT-1	-	WP-1	PT-3	-	-	-	PL-2	PT-3	-
126E	COPY ROOM	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	ACT-1	-	PL-1	PL-2	PL-3	PL-2	PT-3	-
126F	OPEN OFFICE 1	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	ACT-1	-	-	-	-	PL-2	PT-3	-
126G	BREAK AREA	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	WP-1	PT-3	PL-1	PL-2	PL-3	PL-2	PT-3	-
126H	OPEN OFFICE 2	LVT-1	B-1	PT-1	PT-2	PT-1	-	ACT-1	-	-	-	-	PL-2	PT-3	-
126I	CONFERENCE	LVT-1	B-1	WP-1	PT-1	PT-2	PT-1	WP-1	PT-3	-	-	-	PL-2	PT-3	-
128	PAYROLL OFFICE	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	ACT-1	-	-	-	SSM-1	PL-2	PT-3	-
128A	OPEN OFFICE 3	LVT-1	B-1	PT-1	PT-2	PT-1	PT-1	ACT-1	PT-3	-	-	-	PL-2	PT-3	-
129	OFFICE / TRANSACTION	LVT-1	B-1	PT-1	PT-1	PT-1	PT-1	ACT-1	-	-	-	-	PL-2	PT-3	-
129A	COMPUTER	LVT-1	B-1	ME	ME	ME	ME	ME	-	-	-	-	PL-2	PT-3	-

ROOM FINISH LEGEND

06 40 00 - PLASTIC LAMINATE PL-1 MANUFACTURER COLOR FINISH	PIONITE PASSIN THROUGH AV250 SUEDE	09 85 13 - WALL BASE B-1 MANUFACTURER COLOR	BURKE 4" COVED RUBBER WALL BASE 527 CLAY	09 51 13 ACOUSTIC CEILINGS (TILE) ACT-1 MANUFACTURER STYLE EDGE PROFILE SIZE COLOR	ARMSTRONG CEILING ULTIMA HIGH NRC 15/16" BEVELED TEGULAR 24" X 24" WHITE
PL-2 MANUFACTURER COLOR FINISH	WILSONART MANGALORE MANGO 7984-38 FINE VELVET	09 74 13 - WOOD WALL COVERINGS WP-1 MANUFACTURER MODEL COLOR	AKUPANEL 3 X 1 WALNUT	MISC. ME MATCH EXISTING	
PL-3 MANUFACTURER COLOR # FINISH	PIONITE CHINDER GRAY CONCRETE AG471 SUEDE	09 91 00 - PAINT PT-1 MANUFACTURER COLOR FINISH	DUNN EDWARDS DE6205 STUCCO TAN EGGSHELL		
06 61 16 - SOLID SURFACE SSM-1 MANUFACTURER COLOR	CORIAN HAZELNUT	PT-2 MANUFACTURER COLOR FINISH	DUNN EDWARDS DET602 GRAY MONUMENT EGGSHELL		
09 65 00 - LUXURY VINYL FLOORING LVT-1 MANUFACTURER COLLECTION COLOR SIZE INSTALL	ARMSTRONG FLOORING COALESCE DECIMA RAVENNA ST852 6" X 36" ASHLAR	PT-3 MANUFACTURER COLOR FINISH	DUNN EDWARDS DE6214 PIGEON GRAY EPOXY		

ROOM FINISH GENERAL NOTES

- ALL INTERIOR WALL & CLG. FINISHES SHALL COMPLY WITH CBC TABLE 803.9 AND SECTION 803 (FLAME SPREAD RATINGS). PROVIDE A CLASS B, (26-75 FLAME SPREAD RATING) AT ROOMS OR AREAS AND A CLASS A (0-25 FLAME SPREAD RATING) AT ALL EXITWAYS. FINISHES SHALL ALSO COMPLY WITH CBC SECTION 1224.4.11 AND TABLE 1224.1.
- SEE FLOOR PLAN, INTERIOR ELEVATIONS, SECTIONS & REFLECTED CEILING FOR ADDITIONAL INFORMATION.
- ALL ROOM FINISHES DESIGNATED AS EXISTING THAT ARE AFFECTED BY CONSTRUCTION SHALL BE PATCHED AND REPAIRED AS NECESSARY TO MATCH ADJACENT FINISHES SO THAT THERE WILL BE NO DISCERNABLE DIFFERENCES BETWEEN NEW AND EXISTING SURFACES
- ACOUSTIC TILE, CARPETING & VINYL WALL FABRIC SAMPLES MUST BE SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION. CARPET SAMPLES MUST BE ACCOMPANIED BY A REPORT FROM A TESTING LABORATORY CERTIFYING A FLAME-SPREAD RATING OF 75 OR LESS AS PER ASTM-84-68. ALSO ACCEPTABLE IS NBR 78-1436 CERTIFYING A MINIMUM RATING OF 0.45 WATTS PER SQ. CENTIMETER FOR UNSPRINKLERED BUILDINGS AND 0.22 WATTS PER SQ. CENTIMETER FOR SPRINKLERED BUILDINGS.
- SAMPLES OF ALL FINISH MATERIALS MUST BE SUBMITTED TO INTERIOR DESIGNER FOR APPROVAL PRIOR TO INSTALLATION.
- ALL INTERIOR FINISHES SHALL COMPLY WITH C.B.C. SECTION 804.
- WOOD GRAIN PLASTIC LAMINATES SHALL BE ORIENTED WITH THE GRAIN VERTICALLY (INCLUDING DRAWERS, FILLER PANELS AND SLOPED TOPS) SUCH THAT THE 'GRAIN' MATCHES AND ALIGNS VERTICALLY FROM DRAWER TO DRAWER, FROM DOOR TO DRAWER, AND DOOR TO SLOPED/FILLER TOPS AS OCCURS, UNLESS OTHERWISE NOTED.
- ALL MECHANICAL GRILLS SHALL BE PAINTED TO MATCH ADJACENT WALL COLOR.
- ALL SIDES OF SOFFITS SHALL BE PAINTED TO MATCH, UNLESS OTHERWISE NOTED.
- ALL DOOR LOUVERS SHALL BE PAINTED TO MATCH ADJACENT FRAME, UNLESS OTHERWISE NOTED.

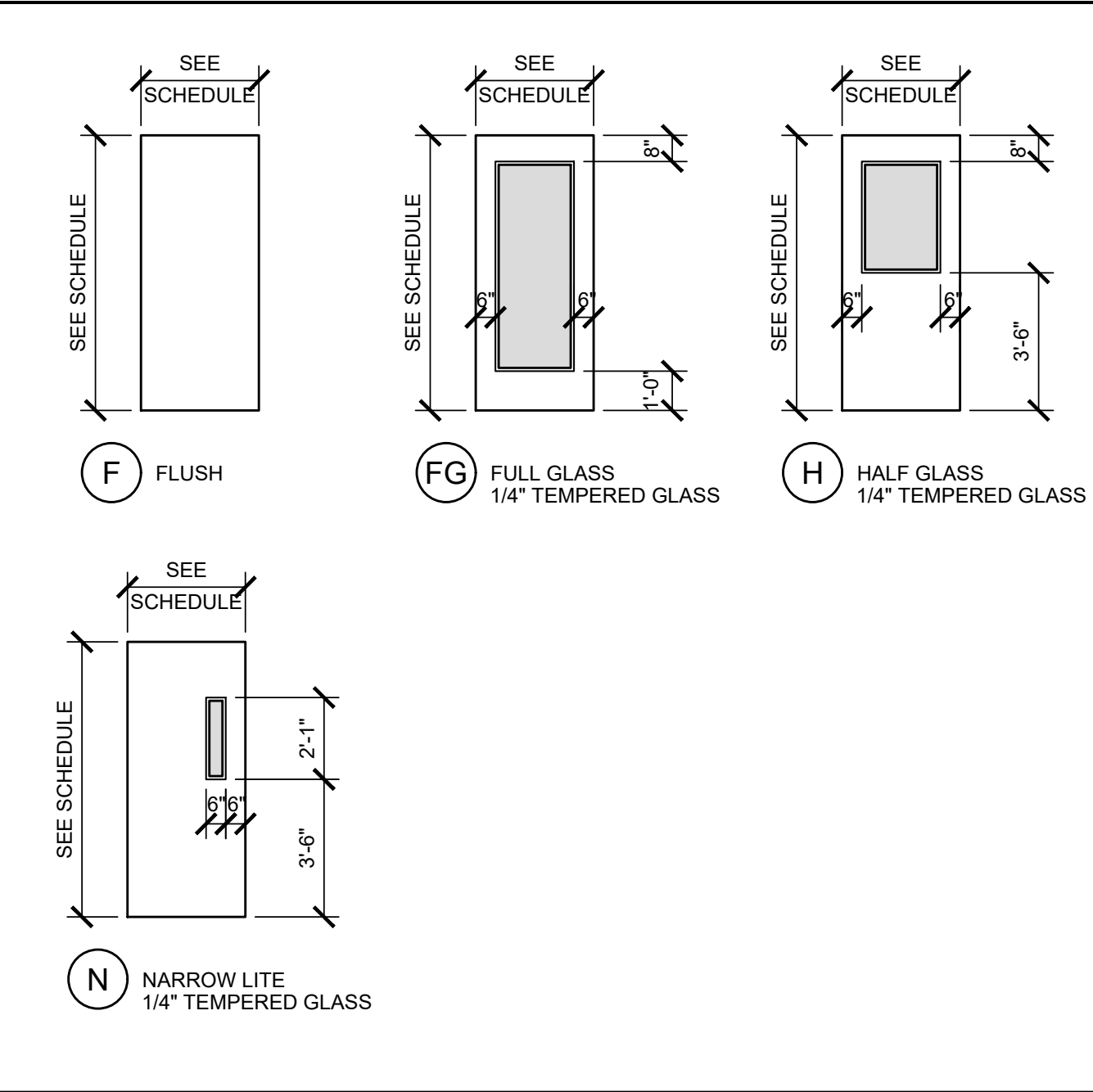
ROOM FINISH REMARKS

- PROVIDE NEW FINISHES ONLY AT NEW WALL LOCATIONS
- PROVIDE FRP FULL HEIGHT ON WALLS OVER MOISTURE-RESISTANT GYPSUM BOARD
- AT REPAIRED EXISTING CONDITIONS, FINISH TO MATCH EXISTING ADJACENT U.O.N.

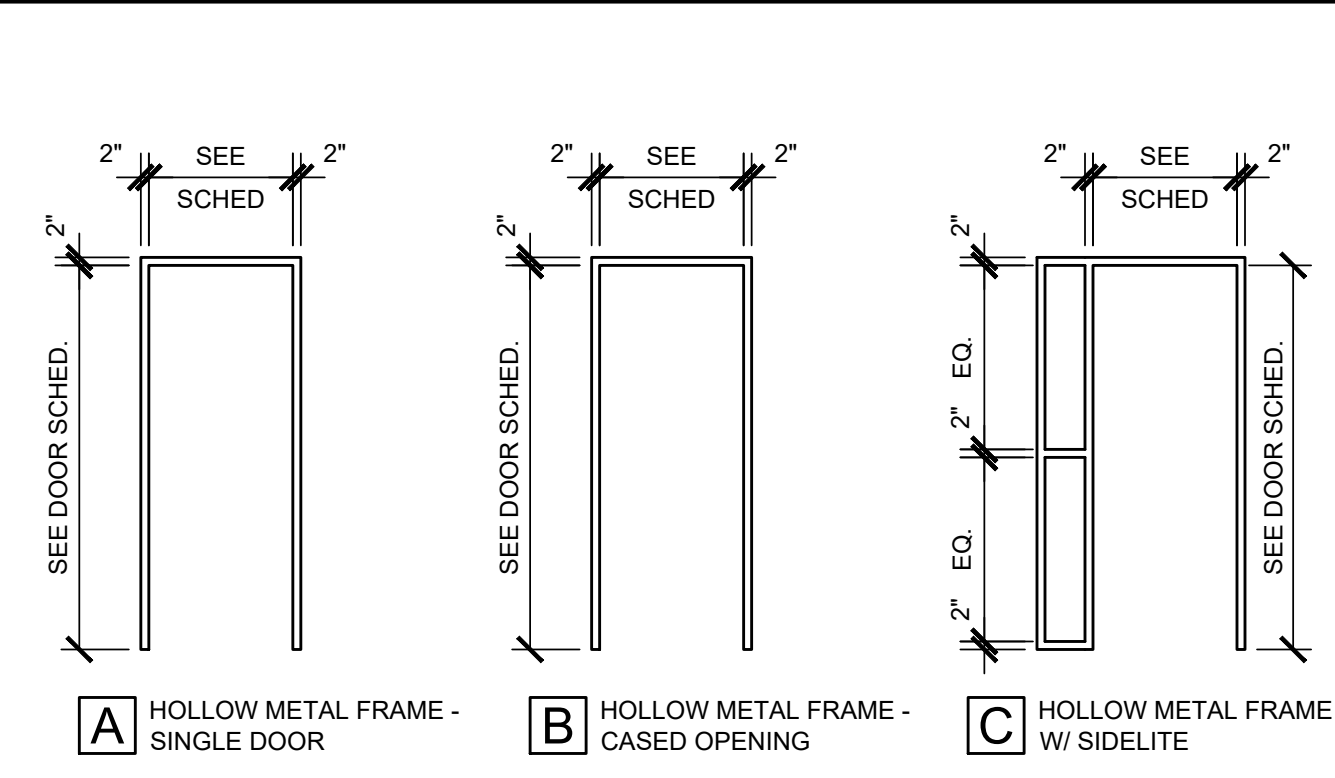
DOOR REMARKS & ABBREVIATIONS

DOOR MATERIAL	FRAME FINISH	SECURITY
HM HOLLOW METAL SC SOLID CORE WOOD WD WOOD	PT METAL, PAINTED GLAZING T TEMPERED GL20 FIRE RATED 20 MIN. GL45 FIRE RATED 45 MIN. GL90 FIRE RATED 90 MIN. GLVC VISION CONTROL GLAZING	CR CARD READER KP KEY PAD RATING 20 20 MIN 45 45 MIN 90 90 MIN S SMOKE
DOOR FINISH FF FACTORY FINISH MP METAL, PAINT PL PLASTIC LAMINATE PT PAINT ST STAIN	OPERATION (MANUAL, UON) AE AUTOMATIC ENTRANCE PO POWERED DOOR OPERATOR MH MAGNETIC HOLD OPEN	
FRAME MATERIAL AL ALUMINUM HM HOLLOW METAL		

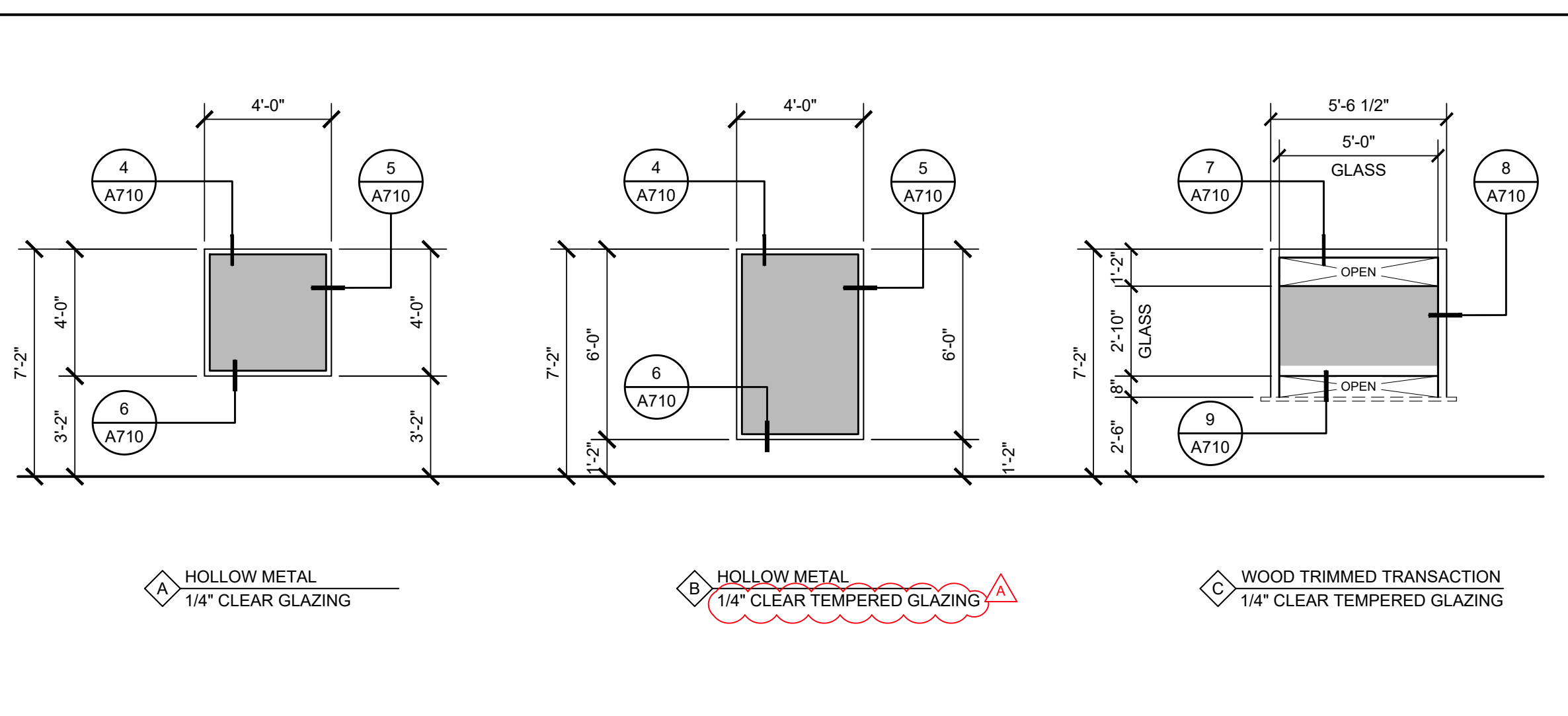
DOOR TYPES



DOOR FRAME TYPES



WINDOW SCHEDULE



GENERAL DOOR NOTES

- ALL EXITS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF ANY SPECIAL KNOWLEDGE OR EFFORT AND WITHOUT REQUIRING THE ABILITY TO GRASP HARDWARE.
- ALL GLAZING IN DOORS SHALL BE TEMPERED.
- CONTRACTOR SHALL VERIFY ALL ROUGH OPENINGS AND COORDINATE JAMB DEPTHS WITH FINISHES AND WALL THICKNESS PRIOR TO FABRICATION AND DELIVERY OF DOORS AND FRAMES.
- ALL RATED DOORS ARE TO BE POSITIVE LATCHING WITH RATED FRAMES.
- ALL DOORS TO COMPLY WITH C.B.C. SECT. 1008 AND UL 1784.
- "LABEL" SHALL MEAN "ASSEMBLY" AS DEFINED IN C.B.C. SECTION 715.4.5.
- FIRE-RATED DOOR FRAMES SHALL BE INSTALLED STRICTLY PER MANUFACTURER'S PRINTED INSTRUCTIONS. MANUFACTURER'S PRINTED INSTRUCTIONS SHALL BE MADE AVAILABLE TO THE INSPECTING AUTHORITIES AT THE JOB SITE AT ALL TIMES.
- ALL RATED ASSEMBLIES SHALL BE PROVIDED WITH APPROVED GASKETING MATERIAL INSTALLED TO PROVIDE A SMOKE SEAL WHERE THE DOOR CONTACTS THE STOP ON BOTH SIDES AND ACROSS THE TOP (PER UL 1784)
- THE CONTRACTOR SHALL MAKE ALL DOOR ADJUSTMENTS NECESSARY TO ALLOW FOR FLOORING MATERIAL AND FLOOR LEVEL.
- DOORS OPENING AND FRAMES ONTO CORRIDORS SHALL BE SMOKE/ DRAFT CONTROL ASSEMBLIES WITH AN 'S' LABEL
- COORDINATE ALL WORK BETWEEN HARDWARE SUPPLIER, SECURITY CONTRACTOR AND ELECTRICAL CONTRACTOR.
- ALL DOORS TO BE 1-3/4" THICK
- ALL EXTERIOR DOORS TO BE INSULATED.
- ALL DOORS TO COMPLY WITH C.B.C. 2001 SECTION 1004.
- DOOR RATING IS INDICATED IN MINUTES. (45 = 45 MIN.)
- ALL DOORS SHALL COMPLY WITH CBC 11-404.2.9:
11B-404.2.9 DOOR AND GATE OPENING FORCE.
THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE SHALL BE AS FOLLOWS:
1. INTERIOR HINGED DOORS AND GATES: 5 POUNDS (22.2 N) MAXIMUM.
2. SLIDING OR FOLDING DOORS: 5 POUNDS (22.2 N) MAXIMUM.
3. REQUIRED FIRED DOORS: THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS (66.7 N).
4. EXTERIOR HINGED DOORS: 5 POUNDS (22.2 N) MAXIMUM THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OR DEVICES THAT HOLD THE DOOR OR GATE IN A CLOSED POSITION.

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HUMBOLDT COUNTY
AUDITOR-CONTROLLER OFFICE REMODEL

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EUREKA, CALIFORNIA

SHEET TITLE

SCHEDULES

DRAWING STATUS
CONSTRUCTION DOCUMENTS

REVISIONS

Sym.	Description	By	Date
△	AGENCY REVIEW		02/2023

Drawn By	QL
Checked By	DRC
Date Drawn	11/2022
Scale	NONE
Job No.	17-6430.00

SHEET No.
A700

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CBC TABLE 720.1(2), ITEM 13.1-1 / UL DESIGN NO. U430
 0.020 INCH (NO. 20 CARBON SHEET STEEL GAGE) CHANNEL-SHAPED STUDS 24" ON CENTER WITH ONE FULL-LENGTH LAYER OF 5/8" TYPE 'X' GYPSUM WALLBOARD APPLIED VERTICALLY ATTACHED WITH 1 1/4" LONG TYPE S-12 PAN HEAD DRYWALL SCREWS TO EACH STUD. SCREWS ARE 8" ON CENTER AROUND THE PERIMETER AND 12" ON CENTER ON THE INTERMEDIATE STUD. THE WALLBOARD MAY BE APPLIED HORIZONTALLY WHEN ATTACHED TO 3-5/8" STUDS AND THE HORIZONTAL JOINTS ARE STAGGERED WITH THOSE ON THE OPPOSITE SIDE. SCREWS FOR THE HORIZONTAL APPLICATION SHALL BE 8" ON CENTER AT VERTICAL EDGES AND 12" ON CENTER AT INTERMEDIATE STUDS.

EQUIVALENT UL LISTING ASSEMBLY DESIGN NO. U419, U448, U465

PLAN

MATERIAL KEYNOTES

1. GYPSUM WALLBOARD - SEE ASSEMBLY ABOVE
2. METAL STUDS @ 16" O.C.
3. ACOUSTICAL INSULATION WHERE OCCURS - SEE PARTITION PLAN / SYMBOL
4. DRYWALL SCREWS - SEE ASSEMBLY ABOVE

GENERAL NOTES

1. FOR BASE ANCHORAGE - SEE 3/A900
2. FOR HEAD ANCHORAGE - SEE 1/A901

FIRE ASSEMBLY INFORMATION

1. CONFORMS WITH ASSEMBLY REQUIREMENTS OF CBC TABLE 721.1(2), ITEM 13.1-1
2. MEETS REQUIREMENTS FOR 2 HOUR SMOKE BARRIER

LEGEND

(E) 2-HOUR RATED FIRE WALL, 90 MIN. OPENING PROTECTIVE, 2019 CBC TABLE 716.1(2)

2-HOUR RATED FIRE WALL, 90 MIN. OPENING PROTECTIVE, 2019 CBC TABLE 716.1(2)

2-HR RATED PARTITION SCALE: 3"=1'-0" 2-01

PLAN

MATERIAL KEYNOTES

1. 5/8" TYPE 'X' GYPSUM WALLBOARD, APPLIED W/ JOINTS VERTICAL
2. METAL STUDS @ 16" O.C.
3. ACOUSTICAL INSULATION WHERE OCCURS - SEE PARTITION PLAN / SYMBOL
4. 1" TYPE 'S' BUGLE HEAD SCREWS @ 8" O.C. AT PERIMETER EDGE OF BOARDS & 16" O.C. IN FIELD OF BOARDS
5. OPPOSING ADJACENT WALL WHERE OCCURS

GENERAL NOTES

1. FOR BASE ANCHORAGE - SEE 4/A900
2. FOR HEAD ANCHORAGE - SEE 2&3/A900

LEGEND

NON-RATED PARTITION

NON-RATED FURRED PARTITION SCALE: 3"=1'-0" 0-02

CEILING

MATERIAL KEYNOTES

1. GYPSUM WALLBOARD
2. METAL FURRING CHANNELS @ 16" O.C. VERTICAL
3. METAL FURRING CHANNEL @ LINE OF FLOOR AND CEILING
4. 1" TYPE 'S' BUGLE HEAD SCREWS @ 8" O.C. AT PERIMETER EDGE OF BOARDS & 16" O.C. IN FIELD OF BOARDS
5. .157 DIA. HILTI X-U (ICC ESR-2269)
6. LINE OF FINISH CEILING
7. LINE OF FINISH FLOOR
8. SHIM AS REQUIRED TO LEVEL WALL

PLAN

LEGEND

NON-RATED FURRED PARTITION

NON RATED WALL FURRING WITH CHANNELS SCALE: 3"=1'-0" 0-03

GA FILE NO. WP 1072
 GA-600-2012 (20TH ED.)

GENERIC

GYPSUM WALLBOARD, STEEL STUDS

ONE LAYER OF 5/8" TYPE 'X' GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 3-5/8" STEEL STUDS 24" O.C. WITH 1" TYPE 'S' DRYWALL SCREWS 8" O.C. AT VERTICAL JOINTS AND 12" O.C. AT FLOOR AND CEILING RUNNERS AND INTERMEDIATE STUDS.

*INDICATED STUD SPACING IS A 'MAXIMUM' PER GENERAL EXPLANATORY NOTE NO. 11.

STAGGER JOINTS 24" ON EACH SIDE AND ON OPPOSITE SIDES. SOUND TESTED WITH 31/2" GLASS FIBER FRICTION FIT IN STUD SPACE. (NLB)

PLAN

MATERIAL KEYNOTES

1. GYPSUM WALLBOARD - SEE ASSEMBLY ABOVE
2. METAL STUDS AT 16" O.C.
3. FIBERGLASS ACOUSTICAL INSULATION WHERE OCCURS - SEE PARTITION PLAN / SYMBOL
4. DRYWALL SCREWS - SEE ASSEMBLY ABOVE

GENERAL NOTES

1. FOR BASE ANCHORAGE - SEE 3/A900
2. FOR HEAD ANCHORAGE - SEE 1/A901

FIRE ASSEMBLY INFORMATION

F1. CONFORMS WITH ASSEMBLY REQUIREMENTS OF GA FILE NO. WP 1072

F2. MEETS REQUIREMENTS FOR 1 HOUR SMOKE BARRIER

LEGEND

(E) 2-HOUR RATED FIRE WALL, 90 MIN. OPENING PROTECTIVE, 2019 CBC TABLE 716.1(2)

2-HOUR RATED FIRE WALL, 90 MIN. OPENING PROTECTIVE, 2019 CBC TABLE 716.1(2)

1-HOUR RATED PARTITION SCALE: 3"=1'-0" 1-01

PARTITION SYMBOL

PARTITION HEIGHT

FH = FULL HEIGHT PARTITION TO STRUCTURE ABOVE WITH WALL SHEATHING EXTENDED TO UNDERSIDE OF STRUCTURE ON EACH SIDE OF STUD

FO = FULL HEIGHT PARTITION TO STRUCTURE ABOVE WITH WALL SHEATHING EXTENDED TO UNDERSIDE OF STRUCTURE ON ONE SIDE AND 6" ABOVE THE CEILING AT THE OTHER SIDE (OR TO UNDERSIDE OF CEILING JOISTS @ FRAMED CEILINGS)

FP = FULL HEIGHT PARTITIONS TO STRUCTURE ABOVE WITH WALL SHEATHING EXTENDED TO 6" ABOVE THE CEILING (OR TO UNDERSIDE OF CEILING JOISTS @ FRAMED CEILINGS)

PH = PARTIAL HEIGHT PARTITION WITH WALL SHEATHING EXTENDED TO 6" ABOVE THE CEILING WITH DIAGONAL BRACING

LP = LOW PARTITION BELOW CEILING (HEIGHT AS INDICATED ON PLAN)

IF = INFILL FRAMING WITHIN EXISTING OPENING

SPECIAL CONDITIONS

- 1 = ACOUSTICAL ATTENUATION BATT INSULATION - 6" MINIMUM ABOVE CEILING HEIGHT / R-13
- 2 = ACOUSTICAL ATTENUATION BATT INSULATION - FULL STUD HEIGHT / R-13
- 3 = FIBERGLASS BATT INSULATION - 6" MINIMUM ABOVE CEILING HEIGHT (SEE SPECIFICATIONS FOR R-VALUES)
- 4 = FIBERGLASS BATT INSULATION - FULL STUD HEIGHT (SEE SPECIFICATIONS FOR R-VALUES)
- 5 = PROVIDE ACOUSTICAL SEALANT AT EACH SIDE OF BASE WALL (BETWEEN EDGE OF GYP. BD. AND FLOOR SLAB)

SEE SHEET A900 FOR TYPICAL INTERIOR METAL STUD PARTITION FRAMING DETAILS

GENERAL NOTES

A. TYPICAL METAL STUD FRAMING IS 20 GA. STUDS WITH 20 GA. TOP TRACK AND 20 GA. BOTTOM TRACK U.N.O. SEE ALSO 12/A900 FOR STUD GAUGE REQUIREMENTS AT PARTITIONS WHERE BACKING IS REQUIRED.

NON-RATED PARTITION SCALE: 3"=1'-0" 0-01

PLAN

MATERIAL KEYNOTES

1. GYPSUM WALLBOARD APPLIED W/ JOINTS VERTICAL & STAGGERED ON OPPOSITE SIDE OF WALL
2. METAL STUDS @ 16" O.C.
3. ACOUSTICAL INSULATION WHERE OCCURS - SEE PARTITION PLAN / SYMBOL
4. 1" TYPE 'S' BUGLE HEAD SCREWS @ 8" O.C. AT PERIMETER EDGE OF BOARDS & 16" O.C. IN FIELD OF BOARDS

GENERAL NOTES

1. FOR BASE ANCHORAGE - SEE 4/A900
2. FOR HEAD ANCHORAGE - SEE 2&3/A900

LEGEND

NON-RATED PARTITION

NON-RATED PARTITION SCALE: 3"=1'-0" 0-01

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AUDITOR-CONTROLLER OFFICE REMODEL

825 5TH STREET
 EUREKA, CALIFORNIA

SHEET TITLE
PARTITION TYPES & PENETRATION ASSEMBLIES

DRAWING STATUS
CONSTRUCTION DOCUMENTS

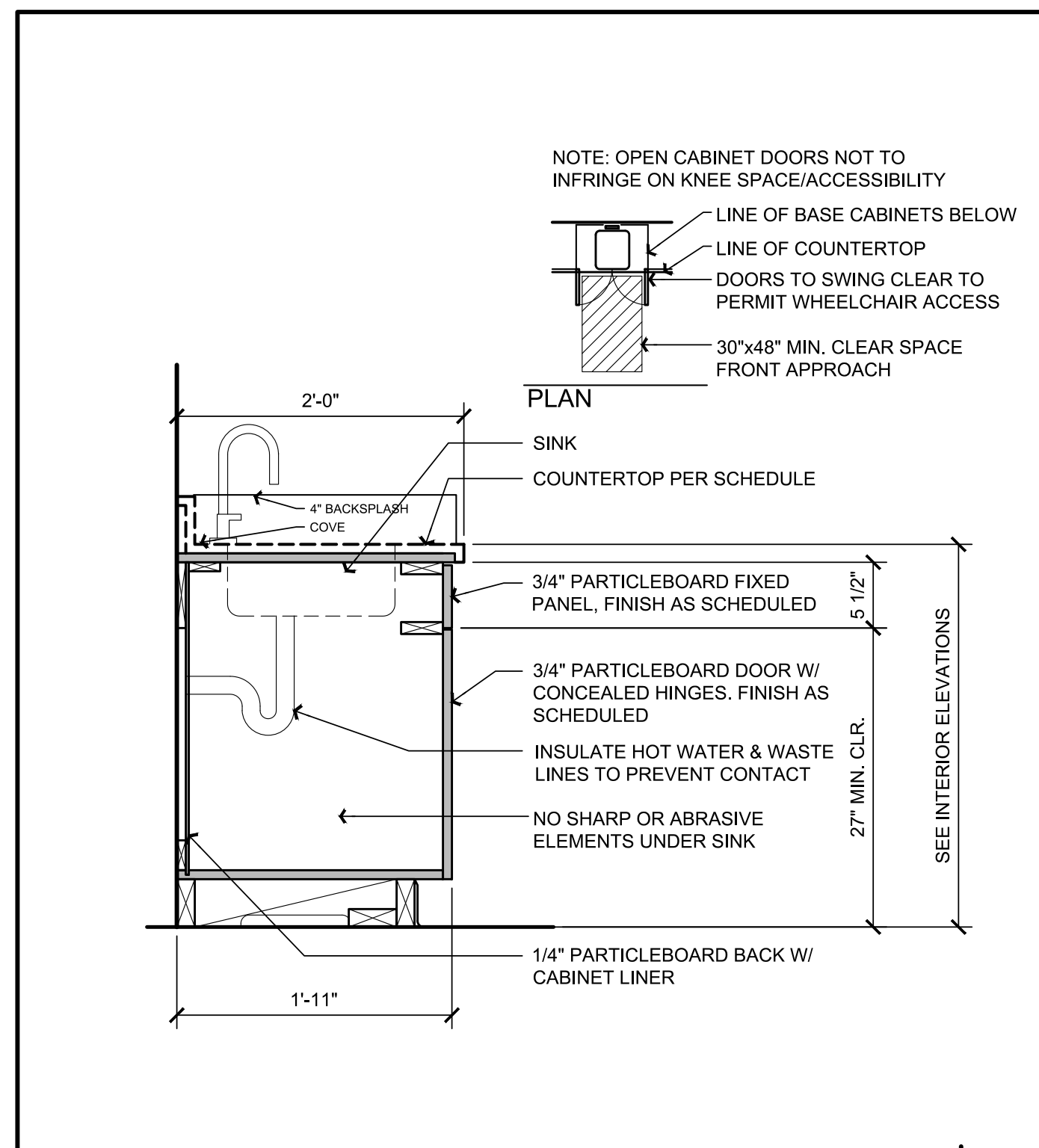
REVISIONS

Sym.	Description	By	Date
△	AGENCY REVIEW		02/2023

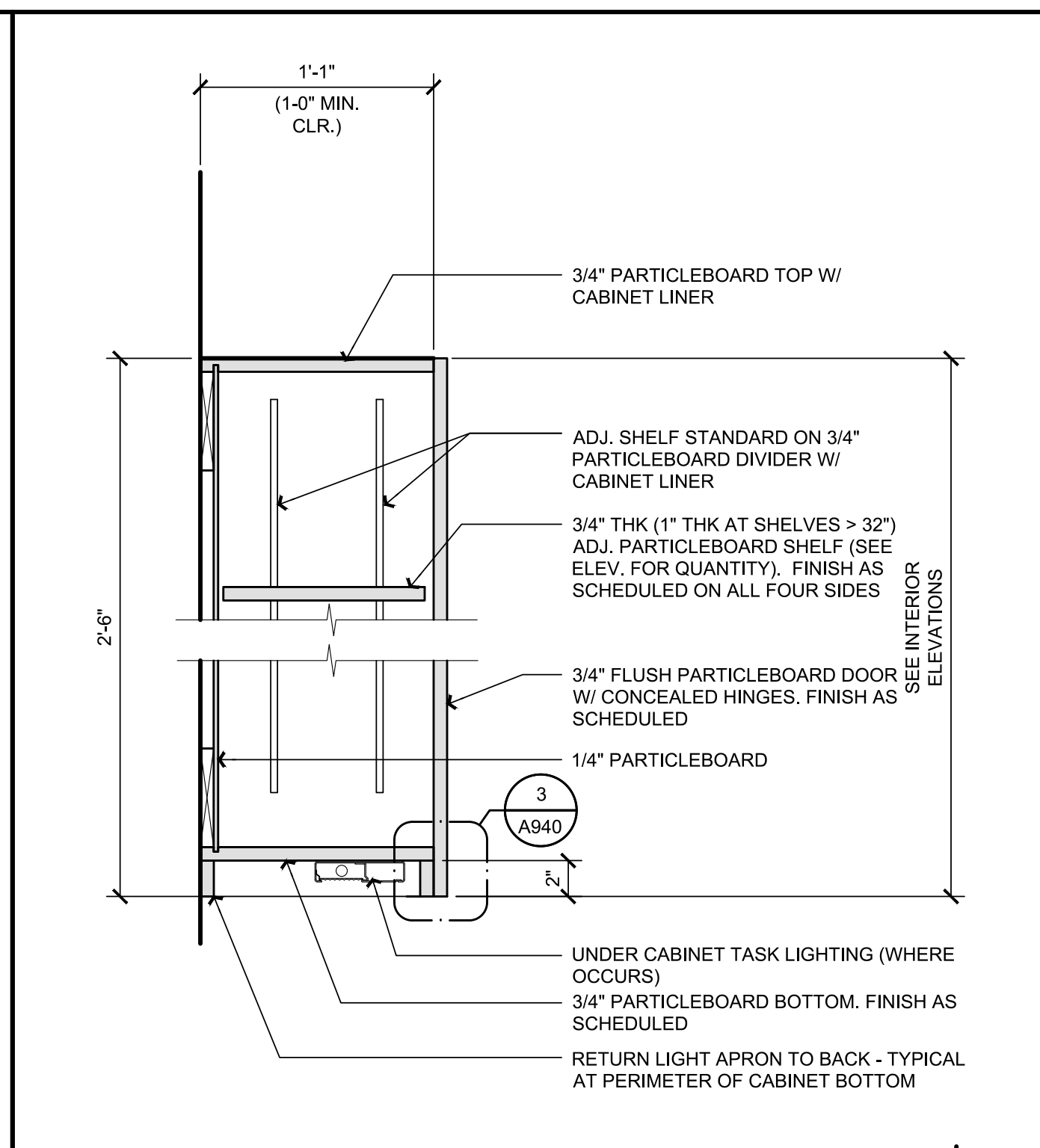
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Date Drawn	11/2022
Scale	AS NOTED
Job No.	17-6430.00

SHEET No.
A760

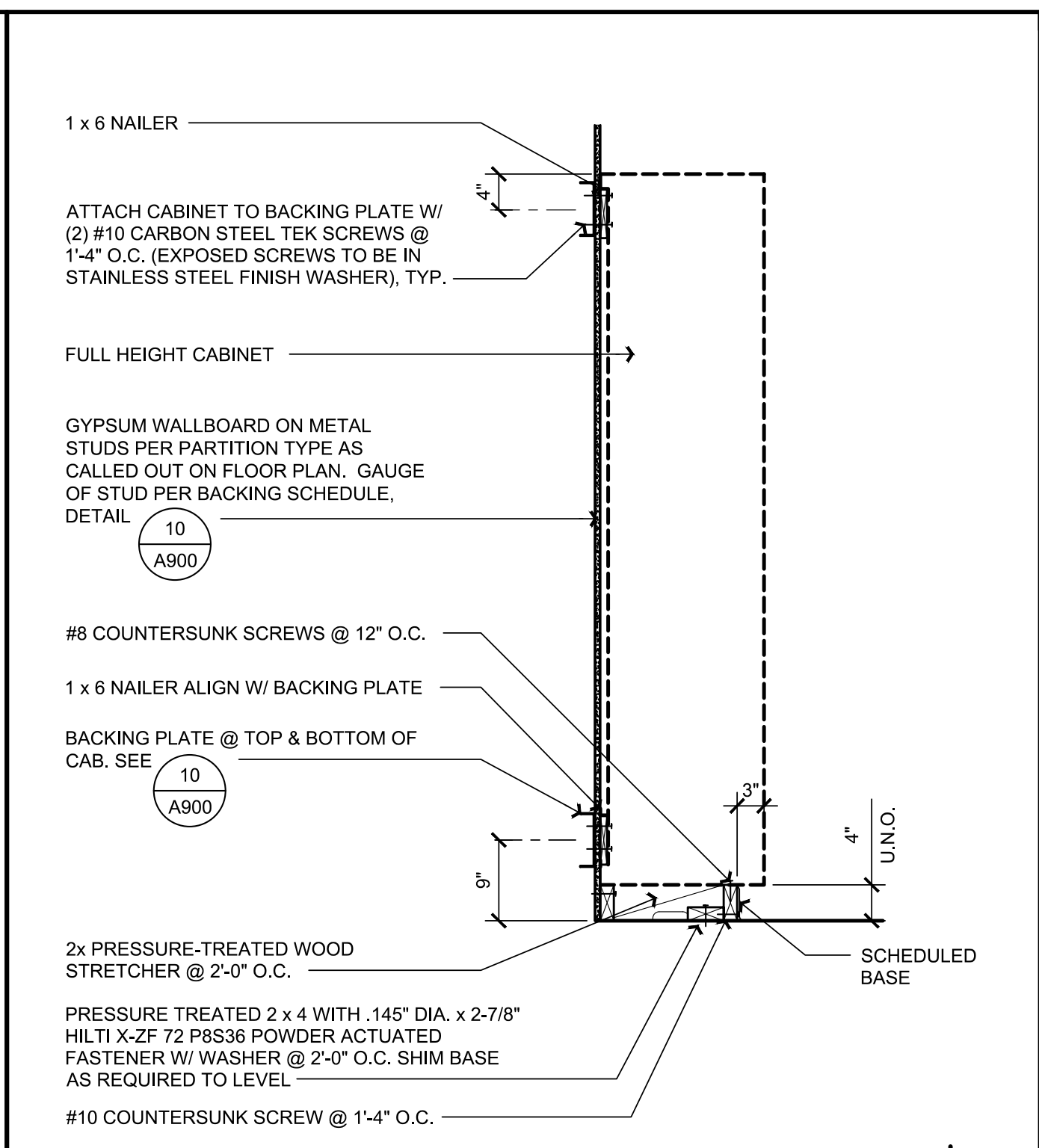
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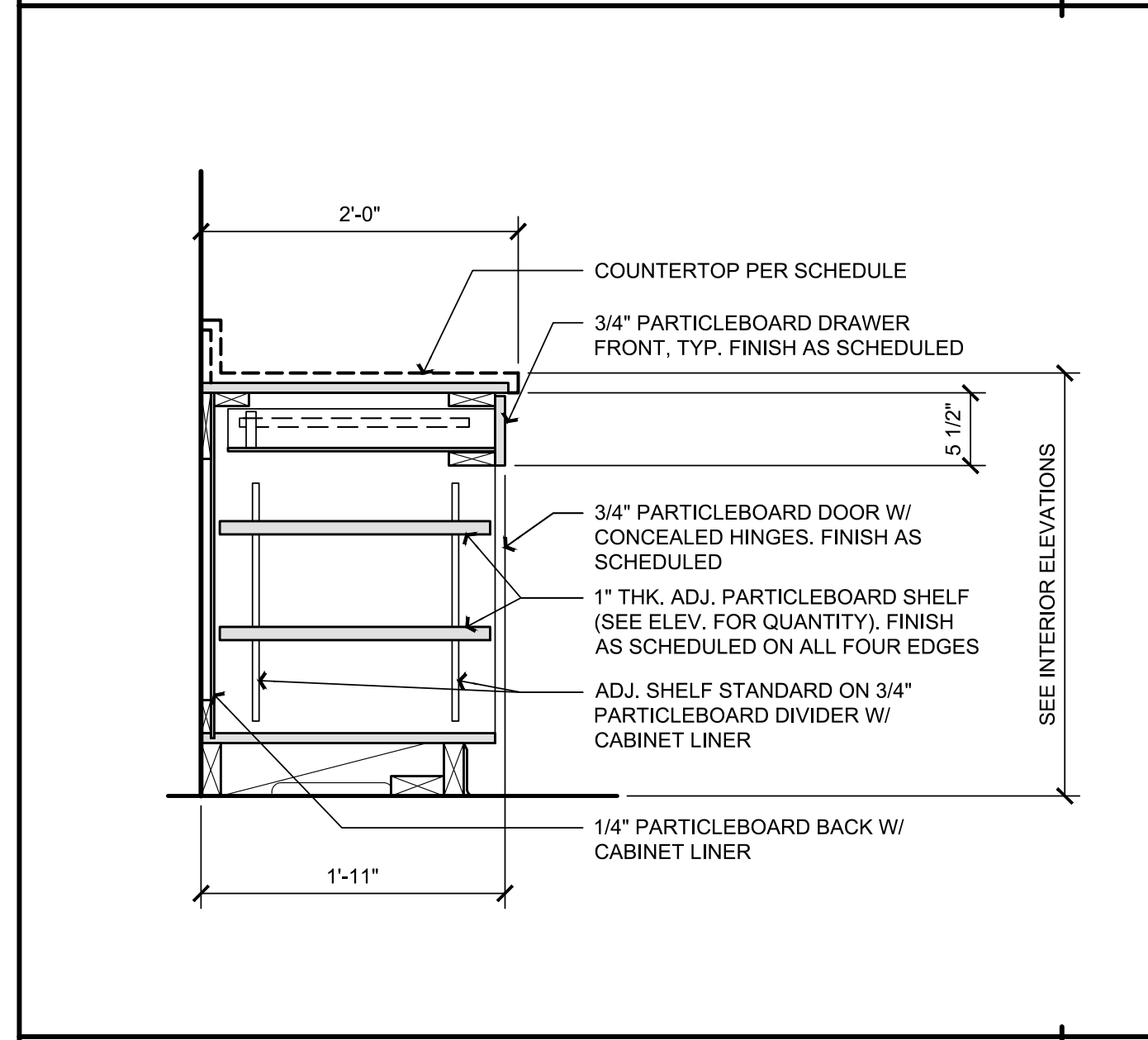
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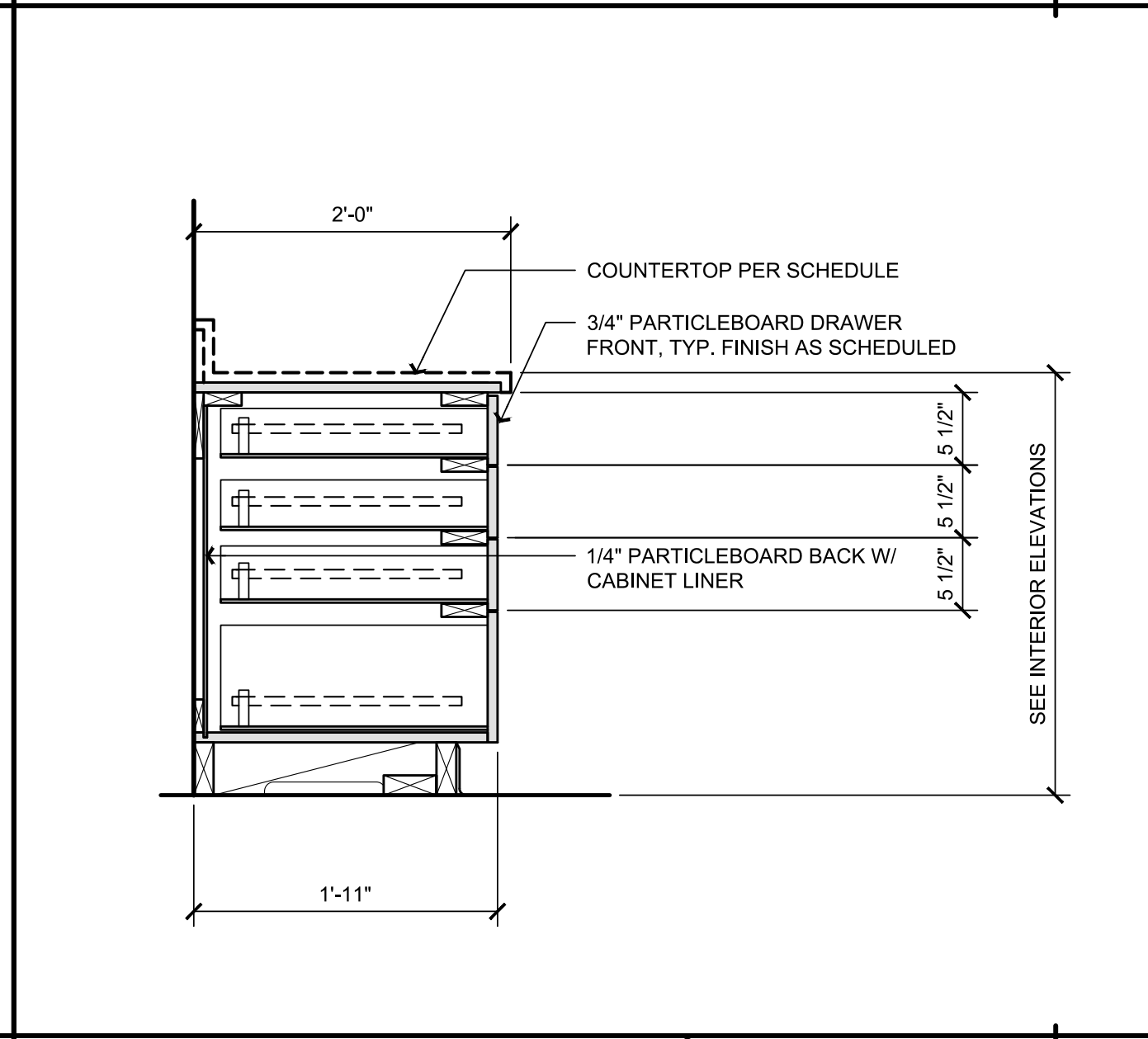
UPPER CABINET W/ DOOR (U1) SCALE: 1 1/2"=1'-0" (4)



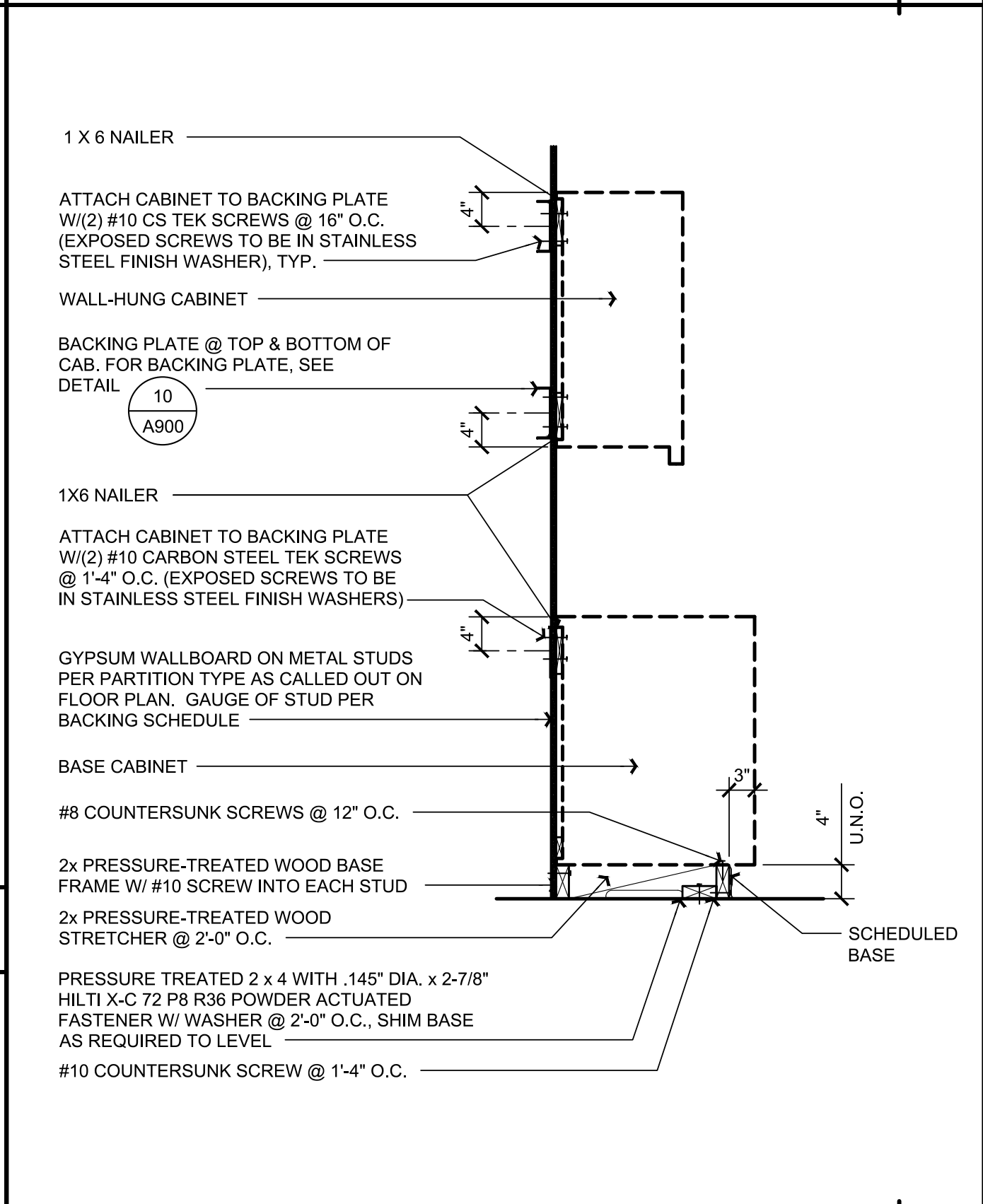
TALL CABINET ANCHORAGE SCALE: 3/4"=1'-0" (1)



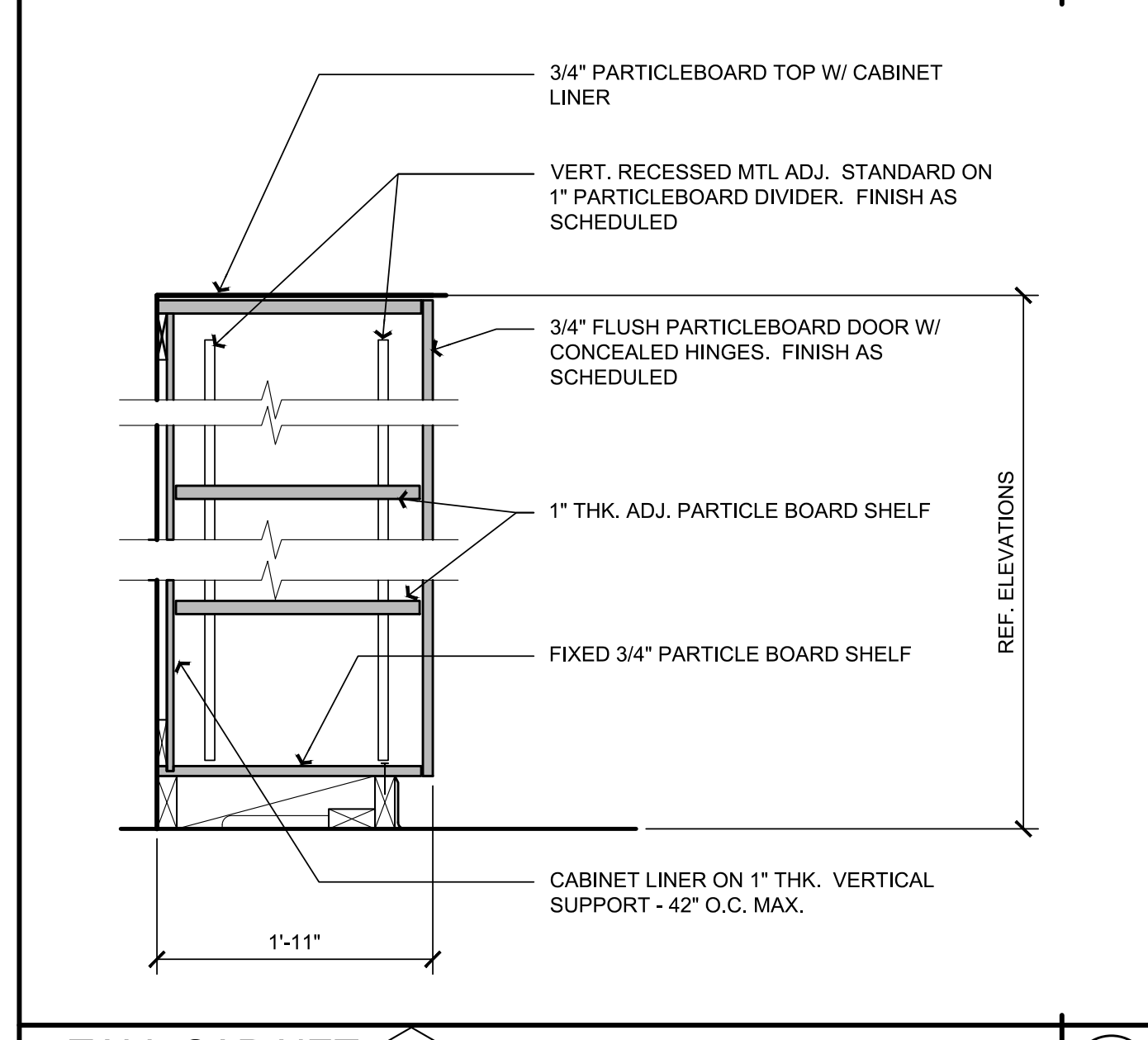
BASE CABINET - 1 DRAWER & OPEN SHELVING (B4) SCALE: 1"=1'-0" (7)



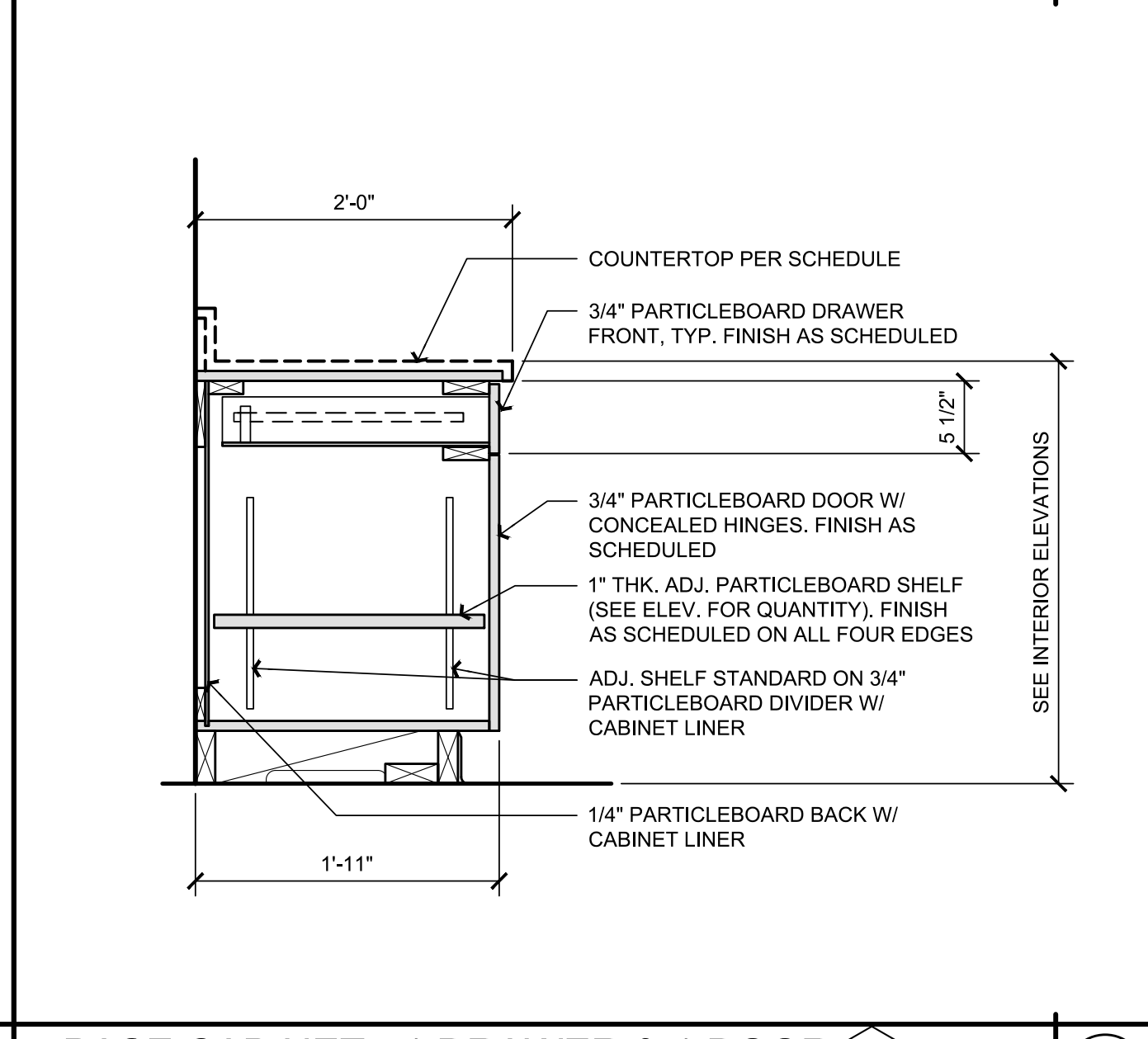
BASE CABINET - 4 DRAWER (B1) SCALE: 1"=1'-0" (5)



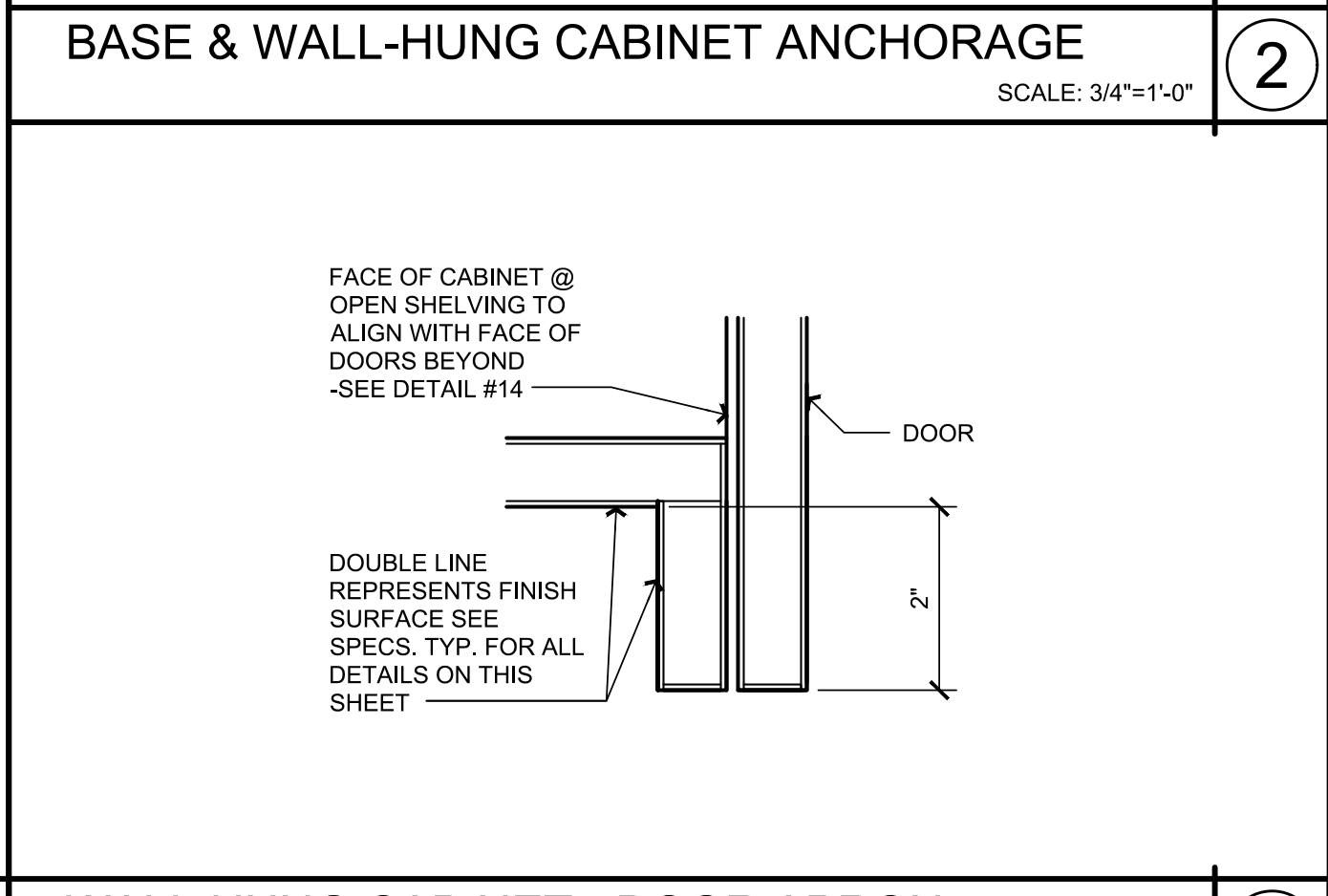
BASE & WALL-HUNG CABINET ANCHORAGE SCALE: 3/4"=1'-0" (2)



TALL CABINET (T1) SCALE: 1"=1'-0" (8)



BASE CABINET - 1 DRAWER & 1 DOOR (B2) SCALE: 1"=1'-0" (6)



WALL HUNG CABINET - DOOR APRON SCALE: 6"=1'-0" (3)

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SHEET TITLE
CASEWORK DETAILS

DRAWING STATUS
CONSTRUCTION DOCUMENTS

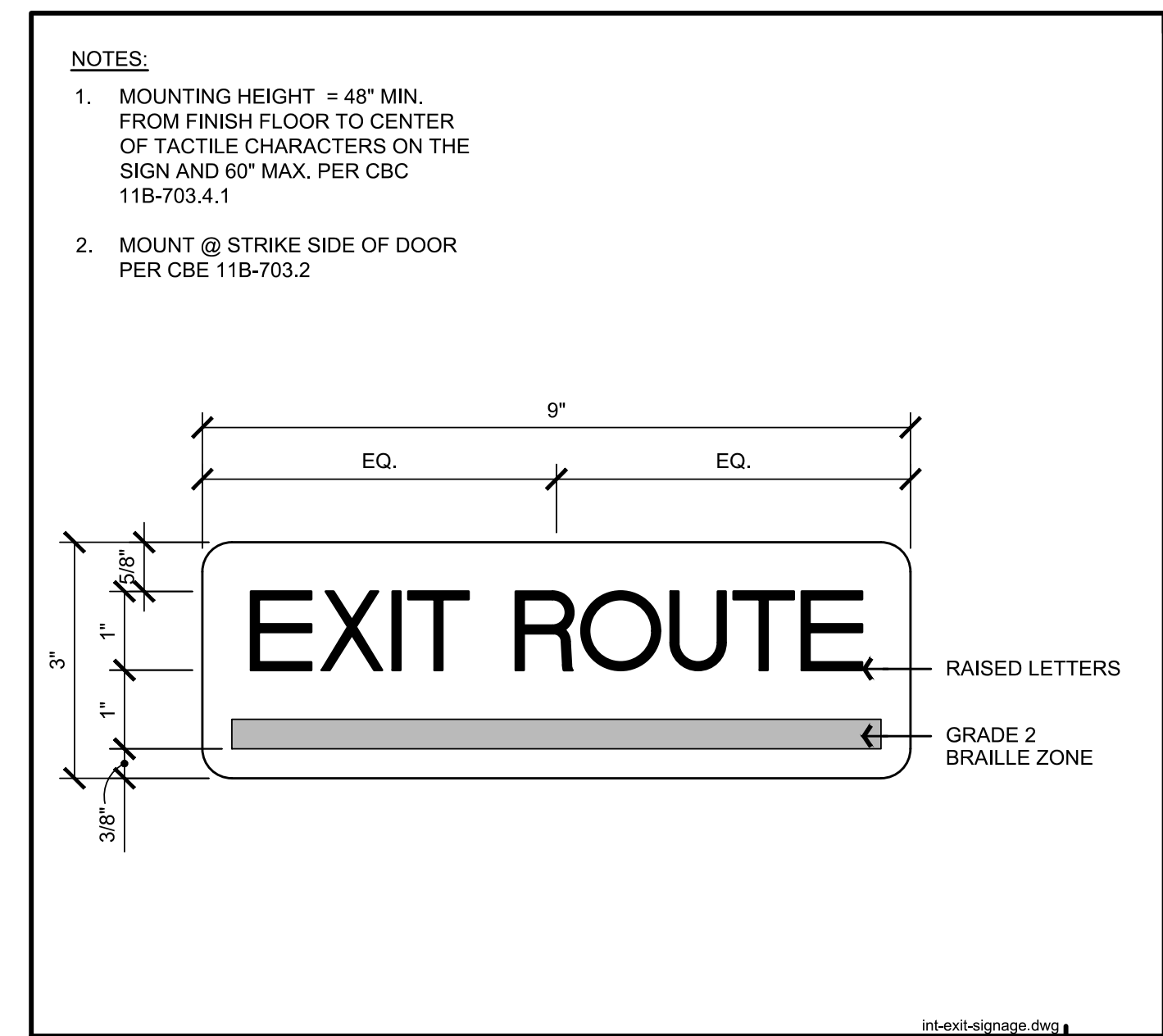
REVISIONS

Sym.	Description	By	Date

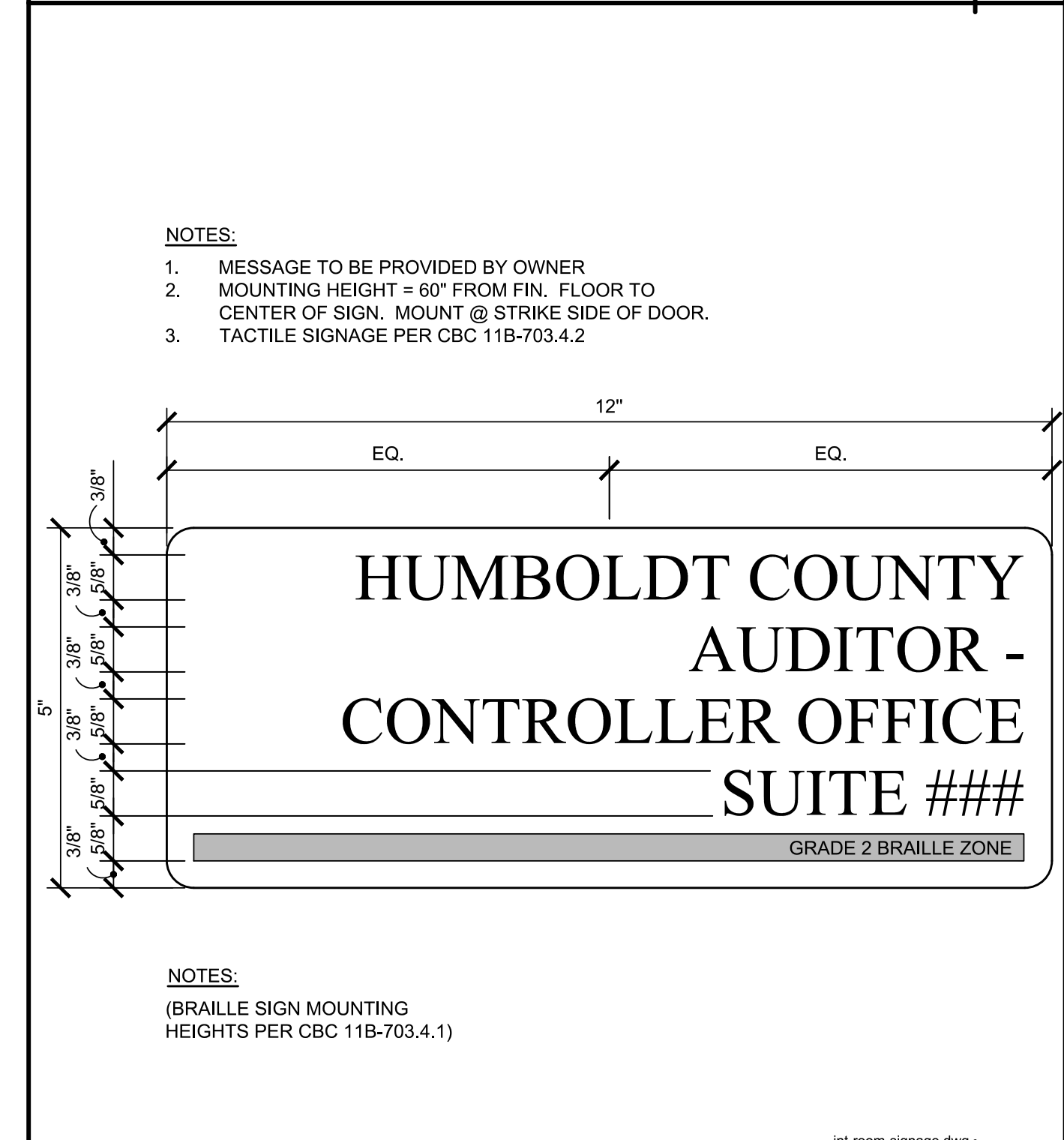
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Date Drawn	11/2022
Scale	AS NOTED
Job No.	17-6430.00

SHEET No.

A940



EXIT ROUTE SIGNAGE SCALE: 6" = 1'-0" **1**



SUITE SIGNAGE SCALE: 6" = 1'-0" **2**

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SHEET TITLE

MISC. DETAILS

DRAWING STATUS
CONSTRUCTION DOCUMENTS

REVISIONS

Sym.	Description	By	Date

Drawn By	QL
Checked By	DRC
Date Drawn	11/2022
Scale	AS NOTED
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SHEET No.

A980

MECHANICAL LEGEND		
SYMBOLS	ABBREVIATIONS	
	ABC	ABOVE CEILING
	AFF	ABOVE FINISHED FLOOR
□ AD	AD	ACCESS DOOR
	AL	ACOUSTIC LINED DUCT (DIM IS INTERNAL)
	AC	AIR CONDITIONING
	BHP	BRAKE HORSE POWER
	CFM	CUBIC FEET PER MINUTE
		DIFFUSER TAG
---	D	DEMO
	DB	DRY BULB
		DUCT (RECTANGULAR DUCT, DIMENSIONS IN INCHES)
		DUCT (ROUND DUCT, DIAMETER IN INCHES)
		DUCT DROP IN DIRECTION OF ARROW
		DUCT RISE IN DIRECTION OF ARROW
	EER	ENERGY EFFICIENCY RATIO
	EAT	ENTERING AIR TEMPERATURE
	EA	EXHAUST AIR DUCT
	EF	EXHAUST FAN
	(E), EX	EXISTING
	ESP	EXTERNAL STATIC PRESSURE
	FPM	FEET PER MINUTE
		FLEXIBLE DUCT
	FLA	FULL LOAD AMPS
	LAT	LEAVING AIR TEMPERATURE
		LOUVERED DOOR
	MOC	MAXIMUM OVER CURRENT PROTECTION
	MCA	MINIMUM CIRCUIT AMPACITY
		MOTORIZED DAMPER
	(N)	NEW
		NEW CONNECTION TO EXISTING
	OA	OUTSIDE AIR
		REGISTER/GRILLE TAG
	(R), R	RELOCATE
		REMOVE TO THIS POINT
	RA	RETURN AIR DUCT
		RETURN GRILLE
	RL/RS	REFRIGERANT LINE SET
	RHC	REHEAT COIL
	SEER	SEASONAL ENERGY EFFICIENCY RATIO
	SD	SMOKE DETECTOR
	SA	SUPPLY AIR DUCT
		SUPPLY DIFFUSER
	T'STAT	THERMOSTAT (48" AFF TOP OF BOX)
	TSP	TOTAL STATIC PRESSURE
		TURNING VANES
	TYP	TYPICAL
		UNDERCUT DOOR
	UG	UNDERGROUND
	VIF	VERIFY IN FIELD
		VOLUME DAMPER - MANUAL OPERATION
	WB	WET BULB

AIR OUTLET SCHEDULE												
ID	Manufacturer	Model	Mounting	Module Size	Face Size	Neck Size	Slot Width	Number of Slots	Section Length	Material	Finish	Notes
A	TITUS	TDC	LAY IN	24" X 24"	18" X 18"	SEE PLANS	--	--	--	STEEL	#26 WHITE	1
B	TITUS	FL-15	SURFACE	--	--	SEE PLANS	1 IN	1	3 FT	ALUMINUM	#26 WHITE	2

NOTES:
 1. LOUVERED SUPPLY GRILLE, SEE PLANS FOR 1, 2, 3, OR 4-WAY THROW.
 2. ACTIVE LENGTH, JET THROW WITH TITUS PLENUM.

AIR INLET SCHEDULE												
ID	Manufacturer	Model	Mounting	Module Size	Face Size	Neck Size	Slot Width	Number of Slots	Section Length	Material	Finish	Notes
1	TITUS	50F	LAY IN	24" X 24"	22" X 22"	SEE PLANS	--	--	--	ALUMINUM	#26 WHITE	1
2	TITUS	FL-15	SURFACE	--	--	SEE PLANS	1 IN	1	3 FT	ALUMINUM	#26 WHITE	--

NOTES:
 1. EGGCRATE RETURN GRILLE.

ENGINEERING JUDGMENT FIRESTOP DETAIL THIS ENGINEERING JUDGMENT REPRESENTS A FIRESTOP SYSTEM THAT WOULD BE EXPECTED TO PASS THE STATED RATINGS IF TESTED

PROJECT: HCC - CONTROLLER-AUDITOR
 ADDRESS: 825 5TH STREET, EUREKA, CA 95501
 ISSUED TO: FRONTIER CONSULTING ENGINEERS, INC.

Ratings:
 F-RATING = 1-HR. OR 2-HR. (SEE NOTE NO. 3 BELOW)

FRONT VIEW

SECTION A-A

HILTI, Inc. Plano, Texas USA (800) 879-8000	Sheet 1 of 2	Drawing No. 586233a
Designed by HBI FFE Tyler Thomas <i>Tyler Thomas</i>	Scale 3/16" = 1"	Draftsman DJ
	Date Mar. 08, 2023	

1 DUCT PENETRATION DETAIL
M100 NOT TO SCALE

ENGINEERING JUDGMENT FIRESTOP DETAIL THIS ENGINEERING JUDGMENT REPRESENTS A FIRESTOP SYSTEM THAT WOULD BE EXPECTED TO PASS THE STATED RATINGS IF TESTED

PROJECT: HCC - CONTROLLER-AUDITOR
 ADDRESS: 825 5TH STREET, EUREKA, CA 95501
 ISSUED TO: FRONTIER CONSULTING ENGINEERS, INC.

Ratings:
 F-RATING = 1-HR. OR 2-HR. (SEE NOTE NO. 3 BELOW)

1. PLASTER AND LATH WALL ASSEMBLY (MIN. 3-1/2" WIDE STEEL STUDS) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN). MINIMUM PLASTER THICKNESS: 5/8" (FOR 1-HR.) OR 1-1/4" (FOR 2-HR.).
2. PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
 - A. MAXIMUM 24" NOMINAL DIAMETER SPIRAL WOUND SHEET METAL DUCT (MIN. 28 GA.).
 - B. MAXIMUM 12" NOMINAL DIAMETER SHEET METAL DUCT (MIN. 28 GAUGE).
3. MINIMUM 5/8" DEPTH HILTI CP 606 FLEXIBLE FIRESTOP SEALANT.
4. MINIMUM 1/2" BEAD HILTI CP 606 FLEXIBLE FIRESTOP SEALANT APPLIED AT POINT OF CONTACT.

NOTES: 1. MAXIMUM DIAMETER OF OPENING = 25-1/2".
 2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 1-1/2".
 3. FIRE-RATING OF ASSEMBLY IS DEPENDENT UPON THE PERFORMANCE OF WALL ASSEMBLY UNDER FIRE CONDITIONS.

HILTI, Inc. Plano, Texas USA (800) 879-8000	Sheet 2 of 2	Drawing No. 586233a
Designed by HBI FFE Tyler Thomas <i>Tyler Thomas</i>	Scale -	Draftsman DJ
	Date Mar. 08, 2023	

Reference: Tested Systems (REFERENCE: UL6/LUL SYSTEM NO. W-L-7042) Project Application Details CS0153185 Applicable Test Method UL 1479

AIR BALANCE PROCEDURES

THIS PROJECT INCLUDES AIR BALANCE SURVEY FOR AH 1-N AND AH 1-S AND AIR BALANCING FOR THE AREAS SERVED BY RHC-105, RHC-106, RHC-107, AND RHC-112.

PRIOR TO COMMENCING WORK, PERFORM THESE MEASUREMENTS:

1. MEASURE AIRFLOW AT ALL EXISTING CEILING SUPPLY DIFFUSERS, RETURN GRILLES, AND EXHAUST GRILLES, AS SHOWN ON M200.
2. MEASURE AND RECORD THE TOTAL AIRFLOW, OUTSIDE AIRFLOW, FAN RPM, MOTOR RPM, MOTOR AMPERAGE DRAW, MOTOR VOLTAGE, MOTOR BHP, SHEAVE SIZES, SHEAVE POSITION, VFD SPEED, STATIC PRESSURE PROFILE (INCLUDING ALL FILTERS, COILS, COMPONENTS), AND MOTOR NAMEPLATE DATA FOR THE AIR HANDLING UNIT, RETURN FAN, AND EXHAUST FAN, AS SHOWN ON M200.
3. ALL PREBALANCE MEASUREMENTS AND FAN DATA SHALL BE RECORDED IN A PREBALANCE REPORT AND SUBMITTED TO THE ARCHITECT/ENGINEER PRIOR TO ANY MODIFICATION WORK.

UPON COMPLETION OF INSTALLATION, PERFORM THE FOLLOWING WORK:

1. ADJUST (E) AH 1-N, (E) AH 1-S, AND (E) EF E-2C AS REQUIRED TO ACHIEVE SPECIFIED AIRFLOWS.
2. FOR ALL ROOMS WHERE NO CHANGES ARE SHOWN, MAINTAIN AIRFLOW AT PRE-CONSTRUCTION VALUES THROUGHOUT THE DURATION OF THE PROJECT AS SHOWN ON M200.
3. WHERE CHANGES ARE SHOWN, BALANCE AIR TERMINALS TO AIRFLOW VALUES AS INDICATED ON M200.
4. MEASURE AND RECORD THE TOTAL AIRFLOW, FAN RPM, MOTOR RPM, MOTOR AMPERAGE DRAW, MOTOR VOLTAGE, MOTOR BHP, VFD SPEED, STATIC PRESSURE PROFILE (INCLUDING ALL FILTERS, COILS, COMPONENTS), AND MOTOR NAMEPLATE DATA FOR THE AIR HANDLING UNIT AND EXHAUST FAN AS SHOWN ON M200.
5. SUBMIT FINAL AIR BALANCE REPORT, INCLUDING ALL FINAL AIRFLOW TEST RESULTS AND PREVIOUSLY MEASURED PRE-CONSTRUCTION TEST RESULTS.

AIR BALANCE REQUIREMENTS

- A. IN ACCORDANCE WITH 2019 CMC 407.3, THE VENTILATION SYSTEMS SHALL BE BALANCED IN ACCORDANCE WITH THE LATEST EDITIONS OF STANDARDS PUBLISHED BY THE ASSOCIATED AIR BALANCING COUNCIL (AABC), THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB), OR THE TESTING, ADJUSTING AND BALANCING BUREAU (TABB). THE TEST AND BALANCE AGENCY MUST BE CERTIFIED BY ONE OF THESE AGENCIES.
- B. CONTRACTOR SHALL VERIFY THAT ALL SYSTEMS ARE COMPLETE AND OPERABLE BEFORE COMMENCING WORK. CONTRACTOR SHALL COORDINATE TESTING, ADJUSTING, AND BALANCING WORK WITH OTHER TRADES.
- C. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTMENTS AND/OR MODIFICATIONS AND ADDITIONS TO FAN AND MOTOR SHEAVES, BELTS, DAMPER LINKAGES AND SIMILAR ITEMS REQUIRED TO ACHIEVE THE DESIGN AIR QUANTITIES SPECIFIED AT NO ADDITIONAL COST TO THE OWNER.
- D. BALANCE ALL SUPPLY, RETURN, OUTSIDE AIR, AND EXHAUST AIR SYSTEMS TO ACHIEVE THE DESIGN QUANTITIES LISTED ON THE DRAWINGS. ADJUST ALL SYSTEMS TO WITHIN PLUS OR MINUS 5 PERCENT OF DESIGN AND ALL AIR INLETS AND OUTLETS TO WITHIN PLUS OR MINUS 10 PERCENT OF DESIGN. MEASURE AND RECORD TOTAL FAN AIRFLOWS, FAN SPEEDS, STATIC PRESSURE PROFILE ACROSS ALL MAJOR COMPONENTS, MOTOR ELECTRICAL CHARACTERISTICS, AND GENERAL OBSERVATIONS MADE DURING THE TEST AND BALANCE PROCESS.
- E. THE TAB AGENCY SHALL SUBMIT THREE (3) COPIES OF A COMPLETED AIR BALANCE REPORT. THE CONTRACTOR SHALL CERTIFY THAT ALL REPORTED DEFICIENCIES HAVE BEEN CORRECTED BY SIGNING THE FINAL BALANCE REPORT. ALL DEFICIENCIES SHALL BE CORRECTED AND FINAL BALANCE REPORT SUBMITTED PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.

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LICENSE STAMPS

PROJECT NAME
HUMBOLDT COUNTY

AUDITOR-CONTROLLER OFFICE REMODEL

825 5TH STREET
 EUREKA, CALIFORNIA

SHEET TITLE
MECHANICAL LEGEND AND SCHEDULES

DRAWING STATUS
CONSTRUCTION DOCUMENTS

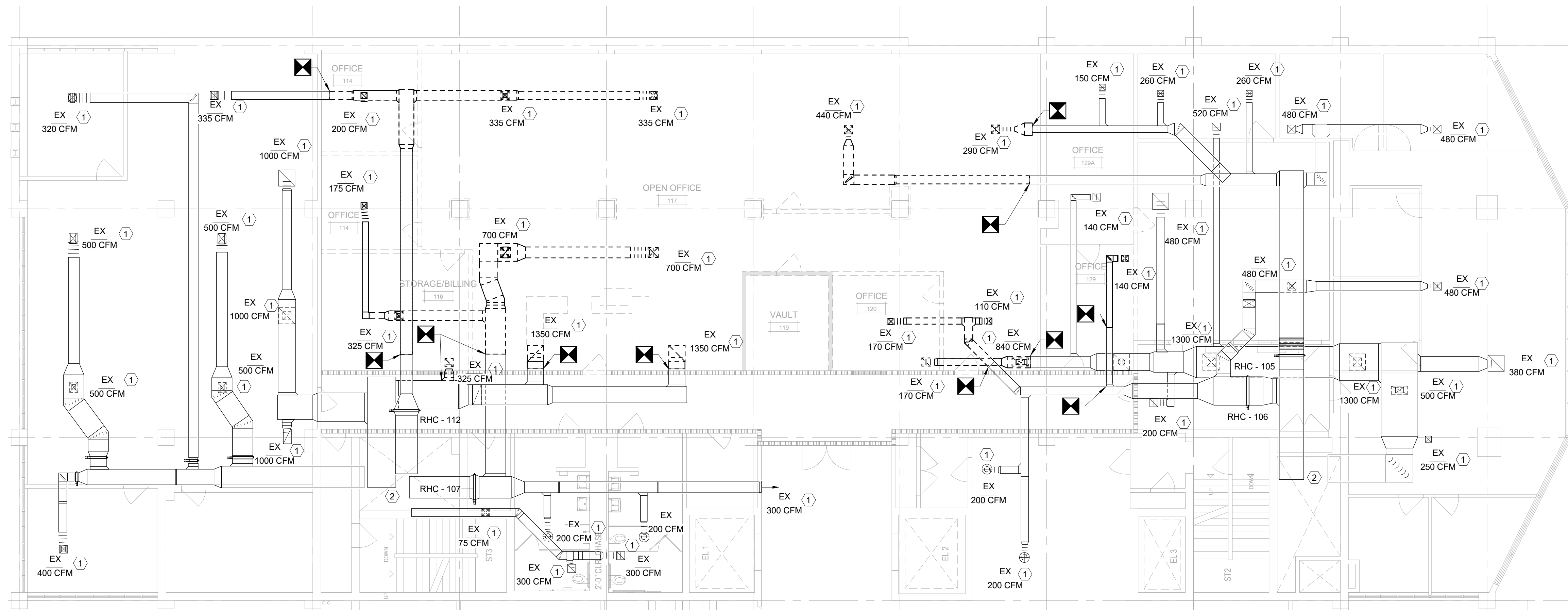
REVISIONS

Sym.	Description	By	Date
△	PLAN CHECK #1		3/8/2023

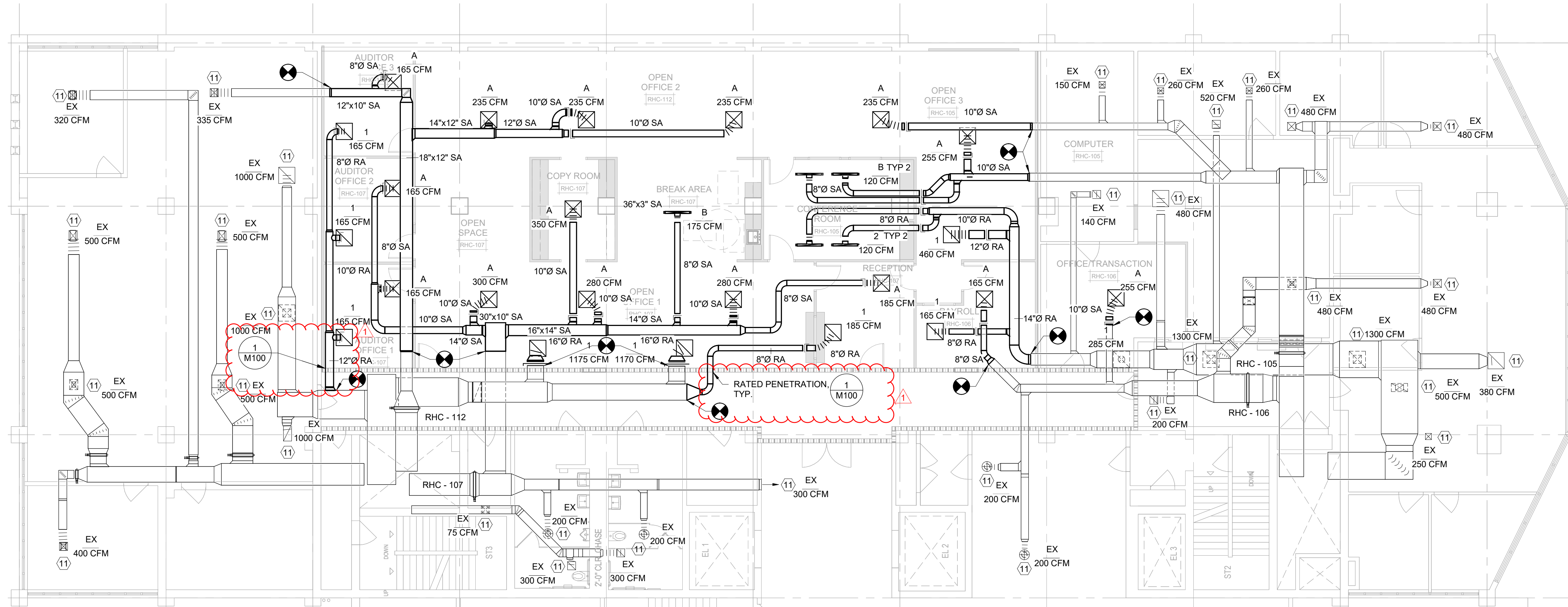
Drawn By	MB
Checked By	BA
Date Drawn	12/02/2022
Scale	1/8" = 1'-0"
Job No.	17-6430.00

SHEET No.

M100



1 MECHANICAL DEMOLITION FLOOR PLAN
M200 1/8" = 1'-0"



2 MECHANICAL FLOOR PLAN
M200 1/8" = 1'-0"

FIRE RATED WALL
1-HR RATED WALL

KEYED NOTES:
 ① PRIOR TO DEMOLITION, MEASURE AIRFLOW AT DIFFUSER OR GRILLE PROVIDE PRE-CONSTRUCTION AIR BALANCE REPORT TO ENGINEER FOR REVIEW. SEE AIR BALANCE PROCEDURES ON M100 FOR ADDITIONAL INFORMATION.
 ② PRIOR TO DEMOLITION, PROVIDE PRE-CONSTRUCTION AIR BALANCE TESTING ON EXISTING AHU ON 4TH FLOOR ABOVE. SEE AIR BALANCE PROCEDURES ON M100 FOR ADDITIONAL INFORMATION.

KEYED NOTES:
 ⑪ BALANCE EXISTING DIFFUSER OR GRILLE TO PRE-CONSTRUCTION AIR BALANCE VALUE. SEE AIR BALANCE PROCEDURES ON M100 FOR ADDITIONAL INFORMATION.

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LICENSE STAMPS

PROJECT NAME
HUMBOLDT COUNTY
AUDITOR-CONTROLLER OFFICE REMODEL

825 5TH STREET
 EUREKA, CALIFORNIA

SHEET TITLE
MECHANICAL FLOOR PLANS

DRAWING STATUS
CONSTRUCTION DOCUMENTS

REVISIONS

Sym.	Description	By	Date
△	PLAN CHECK #1		3/8/2023

Drawn By	MB
Checked By	BA
Date Drawn	12/02/2022
Scale	1/8" = 1'-0"
Job No.	17-6430.00

SHEET No.
M200

STATE OF CALIFORNIA
Mechanical Systems
 NRCC-MCH-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-E

Project Name: AUDITOR - CONTROLLER OFFICE REMODEL Report Page: (Page 3 of 7)
 Project Address: 825 5TH STREET Date Prepared: 12/2/2022

I. SYSTEM CONTROLS

This table is used to demonstrate compliance with mandatory controls in §110.2 and §120.2 and prescriptive controls in §140.4(f) and (n) or requirements in §141.0(b)(2) for altered space conditioning systems.

01	02	03	04	05	06	07	08	09
System Name	System Zoning	Conditioned Floor Area Being Served (ft²)	Thermostats §110.2(b) & (c)², §120.2(a) or §141.0(b)(2)	Shut-Off Controls §120.2(c)	Isolation Zone Controls §120.2(a)	Demand Response §110.12 and §120.2(b)	Supply Air Temp. Reset §140.4(f)	Window Interlocks per §140.4(n)

FOOTNOTES: Gravity gas wall heaters, gravity floor heaters, gravity room heaters, non-central electric heaters, fireplaces or decorative gas appliances, wood stoves are not required to have setback thermostats.

*Notes: Controls with a * require a note in the space below explaining how compliance is achieved. EX: system 1: SA Temp Reset: Exempt because zones compliant with §140.4(f); EXCEPTION 1 to §140.4(f)

J. VENTILATION AND INDOOR AIR QUALITY

This table is used to demonstrate compliance with mandatory ventilation requirements in §120.1 and §120.2(e)(3) for all nonresidential, high-rise residential and hotel/motel occupancies. For alterations, only ventilation systems being altered within the scope of the permit application need to be documented in this table. In lieu of this table, the required outdoor ventilation rates and airflows may be shown on the plans or the calculations can be presented in a spreadsheet.

01	02
<input type="checkbox"/>	Check this box if the project is showing ventilation calculations on the plans, or attaching the calculations instead of completing this table.
<input type="checkbox"/>	Check this box if the project included Nonresidential or Hotel/Motel spaces
<input type="checkbox"/>	Check this box if the project included new or altered high-rise residential dwelling units.
<input type="checkbox"/>	Check this box if the project is using natural ventilation in any nonresidential or hotel/motel spaces to meet required ventilation rates per §120.1(c)(2).

Nonresidential and Hotel/ Motel Ventilation Systems

04	05	06	07						
System Name	(E) RTU	System Design OA CFM Airflow¹	621						
		System Design Transfer Air CFM	0						
			Air Filtration per §120.1(c) and §141.0(b)(2)²						
			Provided per §120.1(c) (NR and Hotel/Motel)						
08	09	10	11	12	13	14	15	16	
Mechanical Ventilation Required per §120.1(c)(3)³									Exh. Vent per §120.1(c)(4)
Space Name or Item Tag	Occupancy Type⁴	Conditioned Floor Area (ft²)	# of heads/ toilets	# of people⁵	Required Min OA CFM	Required Min CFM	Provided per Design CFM	DCV or Sensor Controls per §120.1(d)(3), §120.1(d)(5), and §120.1(c)(3)⁶	

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003
 Registration Provider: Energysoft
 Schema Version: rev 20200601
 Report Generated: 2022-12-02 05:52:22

STATE OF CALIFORNIA
Mechanical Systems
 NRCC-MCH-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-E

Project Name: AUDITOR - CONTROLLER OFFICE REMODEL Report Page: (Page 6 of 7)
 Project Address: 825 5TH STREET Date Prepared: 12/2/2022

Q. MANDATORY MEASURES DOCUMENTATION LOCATION

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

01	02
Compliance with Mandatory Measures documented through MCH	Yes
Mandatory Measures Note Block	M-Sheets

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003
 Registration Provider: Energysoft
 Schema Version: rev 20200601
 Report Generated: 2022-12-02 05:52:22

STATE OF CALIFORNIA
Mechanical Systems
 NRCC-MCH-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-E

Project Name: AUDITOR - CONTROLLER OFFICE REMODEL Report Page: (Page 2 of 7)
 Project Address: 825 5TH STREET Date Prepared: 12/2/2022

C. COMPLIANCE RESULTS

Table C will indicate if the project data input into the compliance document is compliant with mechanical requirements. This table is not editable by the user. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D., or the table indicated as not compliant for guidance.

01	02	03	04	05	06	07	08	09							
System Summary §110.1, §110.2, §140.4	AND	Pumps §140.4(k)	AND	Fans/Economizers §140.4(c), §140.4(e)	AND	System Controls §110.2, §120.2, §140.4(f)	AND	Ventilation §120.1	AND	Terminal Box Controls §140.4(d)	AND	Distribution §120.3, §140.4(i)	AND	Cooling Towers §110.2(e)(2)	Compliance Results
(See Table F)		(See Table G)		(See Table H)		(See Table I)		(See Table J)		(See Table K)		(See Table L)		(See Table M)	
AND		AND		AND	Yes	AND	Yes	AND		AND		AND		AND	COMPLIES
Mandatory Measures Compliance (See Table Q 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.

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

This section does not apply to this project.

G. PUMPS

This section does not apply to this project.

H. FAN SYSTEMS & AIR ECONOMIZERS

This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003
 Registration Provider: Energysoft
 Schema Version: rev 20200601
 Report Generated: 2022-12-02 05:52:22

STATE OF CALIFORNIA
Mechanical Systems
 NRCC-MCH-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-E

Project Name: AUDITOR - CONTROLLER OFFICE REMODEL Report Page: (Page 5 of 7)
 Project Address: 825 5TH STREET Date Prepared: 12/2/2022

L. DISTRIBUTION (DUCTWORK AND PIPING)

This section does not apply to this project.

M. COOLING TOWERS

This section does not apply to this project.

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

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/NRCV/

Form/Title	Field Inspector
NRCC-MCH-01-E - Must be submitted for all buildings	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

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/NRCA/

Form/Title	Systems/Spaces To Be Field Verified	Field Inspector
NRCA-MCH-04-A - Air Distribution Duct Leakage		Pass <input type="checkbox"/> Fail <input type="checkbox"/>

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

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 completed by a HERS Rater and provided to the building inspector during construction. The final documents must be created by a HERS Provider's registry, but drafts can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCV/

Form/Title	Systems/Spaces To Be Field Verified	Field Inspector
NRCV-MCH-04-H Duct Leakage Test NOTE: Must be completed by a HERS Rater		Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003
 Registration Provider: Energysoft
 Schema Version: rev 20200601
 Report Generated: 2022-12-02 05:52:22

STATE OF CALIFORNIA
Mechanical Systems
 NRCC-MCH-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-E

Project Name: AUDITOR - CONTROLLER OFFICE REMODEL Report Page: (Page 1 of 7)
 Project Address: 825 5TH STREET Date Prepared: 12/2/2022

A. GENERAL INFORMATION

01 Project Location (city)	EUREKA	04 Total Conditioned Floor Area	4143
02 Climate Zone	1	05 Total Unconditioned Floor Area	0
03 Occupancy Types Within Project:		06 # of Stories (Habitable Above Grade)	1
<input checked="" type="checkbox"/> Office (B)	<input type="checkbox"/> Retail (M)	<input type="checkbox"/> Non-refrigerated Warehouse (S)	
<input type="checkbox"/> Hotel/Motel Guest Rooms (R-1)	<input type="checkbox"/> School (E)	<input type="checkbox"/> Healthcare Facility (I)	
<input type="checkbox"/> High-Rise Residential (R-2/R-3)	<input type="checkbox"/> Relocatable Class Bldg (E)	<input type="checkbox"/> Other (write in)	See Table J

B. PROJECT SCOPE

This table includes mechanical systems or components 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.

01	02	03
Air System(s)	Wet System Components	Dry System Components
<input type="checkbox"/> Heating Air System	<input type="checkbox"/> Water Economizer	<input type="checkbox"/> Air Economizer
<input type="checkbox"/> Cooling Air System	<input type="checkbox"/> Pumps	<input type="checkbox"/> Electric Resistance Heat
<input type="checkbox"/> Mechanical Controls	<input type="checkbox"/> System Piping	<input type="checkbox"/> Fan Systems
<input checked="" type="checkbox"/> Mechanical Controls (existing to remain, altered or new)	<input type="checkbox"/> Cooling Towers	<input type="checkbox"/> Ductwork (existing to remain, altered or new)
	<input type="checkbox"/> Chillers	<input checked="" type="checkbox"/> Ventilation
	<input type="checkbox"/> Boilers	<input type="checkbox"/> Zonal Systems/ Terminal Boxes

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003
 Registration Provider: Energysoft
 Schema Version: rev 20200601
 Report Generated: 2022-12-02 05:52:22

STATE OF CALIFORNIA
Mechanical Systems
 NRCC-MCH-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-E

Project Name: AUDITOR - CONTROLLER OFFICE REMODEL Report Page: (Page 4 of 7)
 Project Address: 825 5TH STREET Date Prepared: 12/2/2022

J. VENTILATION AND INDOOR AIR QUALITY

RHC - 105 / OPEN OFFICE	Office space	1244	186.6	0	0	DCV	NA: Not required per §120.1(d)(3)
						Occ Sensor	NA: Not required space type
RHC - 106 / OFFICE - TRANSACTIO	Office space	434	65.1	0	0	DCV	NA: Not required per §120.1(d)(3)
						Occ Sensor	NA: Not required space type
RHC - 107 / OPEN OFFICE	Office space	1648	247.2	0	0	DCV	NA: Not required per §120.1(d)(3)
						Occ Sensor	NA: Not required space type
RHC - 112 / OPEN OFFICE	Office space	817	122.6	0	0	DCV	NA: Not required per §120.1(d)(3)
						Occ Sensor	NA: Not required space type
17	Total System Required Min OA CFM		621	18		Ventilation for this System Complies?	Yes

FOOTNOTES: System CFM should include both mechanical and natural ventilation for the zone/system

² Air filtration requirements apply to the following three system types per §120.1(c)(1A): space conditioning systems utilizing ducts to supply air to occupiable space; supply-only ventilation systems providing outside air to occupiable space; supply side of balanced ventilation systems including heat recovery and energy recovery ventilation systems providing outside air to occupiable space.

³ Uniform Mechanical Code may have more stringent ventilation requirements; the most stringent code requirement takes precedence.

⁴ See Standards Tables 120.1.A and 120.1.B.

⁵ For lecture halls with fixed seating, the expected number of occupants shall be determined in accordance with the California Building Code.

⁶ §120.2(e)(3) requires systems serving rooms that are required by §130.1(c) to have lighting occupancy sensing controls to also have occupancy sensing zone controls for ventilation. Examples of spaces which require lighting occupancy sensors include offices 250ft² or smaller, multipurpose rooms less than 1,000 ft², classrooms, conference rooms, restrooms, aisles and open areas in warehouses, library book stack aisles, corridors, stairwells, parking garages, and loading and unloading zones, unless excepted by §130.1(c).

K. TERMINAL BOX CONTROLS

This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003
 Registration Provider: Energysoft
 Schema Version: rev 20200601
 Report Generated: 2022-12-02 05:52:22

STATE OF CALIFORNIA
Mechanical Systems
 NRCC-MCH-E CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-E

Project Name: AUDITOR - CONTROLLER OFFICE REMODEL Report Page: (Page 7 of 7)
 Project Address: 825 5TH STREET Date Prepared: 12/2/2022

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Documentation Author Name: Ben Abrahamson
 Signature Date: 2022-12-02
 Company: Frontier Consulting Engineering, Inc.
 Address: 2727 Bechelli Lane
 City/State/Zip: Redding California 96002
 Phone: (530) 232-6160

Documentation Author Signature: *Ben Abrahamson*

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 Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and 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 provides to the building owner at occupancy.

Responsible Designer Name: Ben R. Abrahamson
 Signature Date: 2022-12-02
 Company: Frontier Consulting Engineers, Inc.
 Address: 2727 Bechelli Lane
 City/State/Zip: Redding CA 96002

Responsible Designer Signature: *Ben Abrahamson*
 Date Signed: 2022-12-02
 License: M35923
 Phone: (530) 232-6160

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003
 Registration Provider: Energysoft
 Schema Version: rev 20200601
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LICENSE STAMPS

PROJECT NAME
 HUMBOLDT COUNTY
 AUDITOR-CONTROLLER
 OFFICE REMODEL

825 5TH STREET
 EUREKA, CALIFORNIA

SHEET TITLE
 TITLE 24
 COMPLIANCE FORMS

DRAWING STATUS
 CONSTRUCTION DOCUMENTS

REVISIONS

Sym.	Description	By	Date

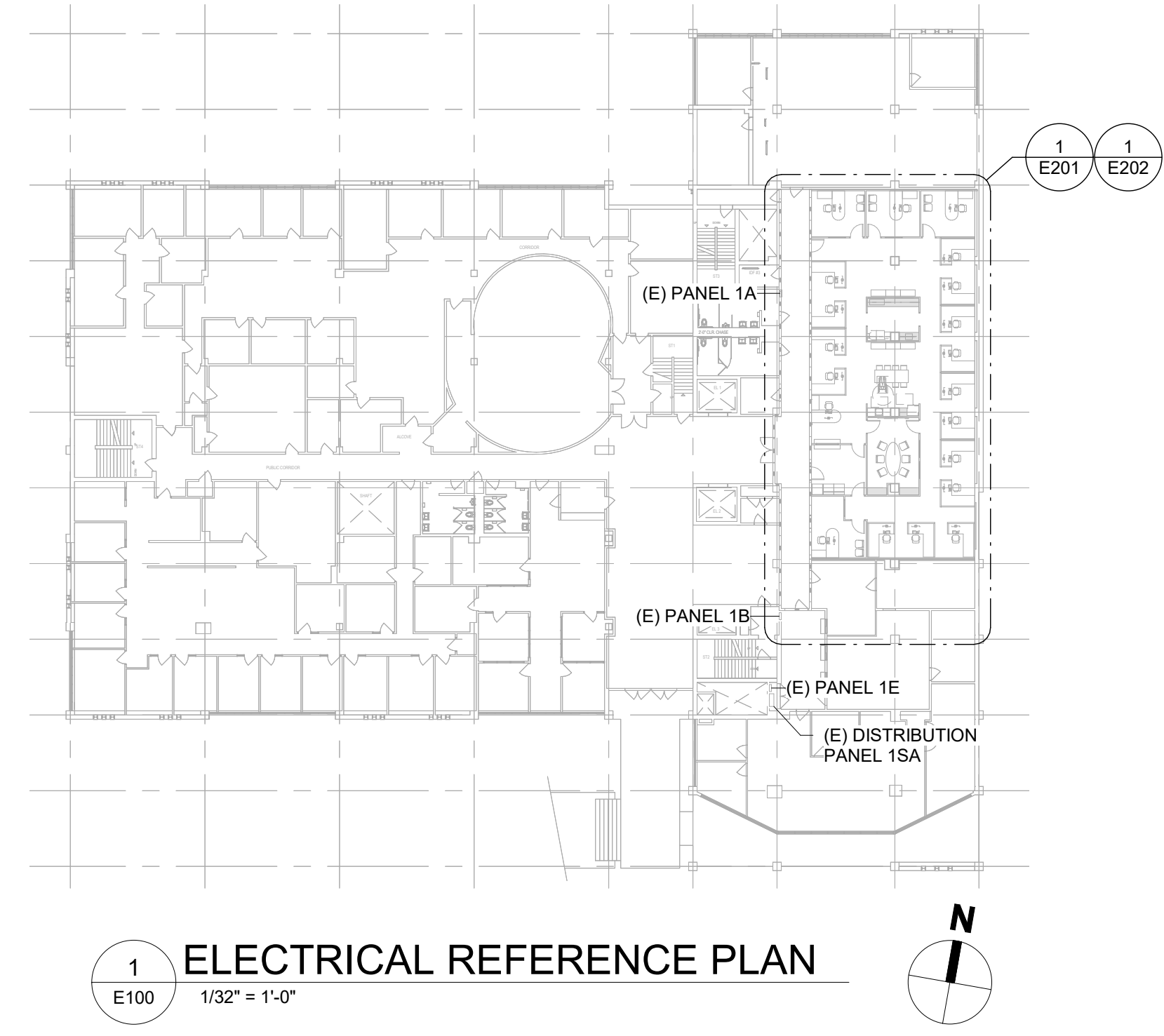
Drawn By	Author
Checked By	Checker
Date Drawn	12/02/2022
Scale	
Job No.	17-6430.00

SHEET No.
 M500

ELECTRICAL LEGEND	
---	CONDUIT EXPOSED
----	CONDUIT CONCEALED OR BURIED
	CROSS HATCHES W/ BARS INDICATES NUMBER OF #10 CONDUCTORS
5a	1/2" C - 2# 12.1 #12G CAT 5e LIGHTING CABLE
→ LA-2	HOME RUN-DESTINATION SHOWN
○	CONDUIT DOWN
○	CONDUIT UP
●	CONNECTION POINT
▲	TELEPHONE CONNECTION POINT: 18" TO COD AFF UNLESS OTHERWISE NOTED. 3/4" C - STUB UP TO CEILING PLENUM
▲	DATA CONNECTION POINT: 18" TO COD AFF UNLESS OTHERWISE NOTED. 3/4" C - STUB UP TO CEILING PLENUM
▲	TELE/DATA CONNECTION POINT: 18" TO COD AFF UNLESS OTHERWISE NOTED. 3/4" C - STUB UP TO CEILING PLENUM
§	WALL SWITCH, 46" TO COD AFF UNLESS OTHERWISE NOTED
§ ₃	INDICATES THREE-POLE WALL SWITCH
§ _D	INDICATES WALL SWITCH WITH INTEGRAL DIMMER
§ _{OC}	INDICATES WALL SWITCH WITH INTEGRAL OCCUPANCY SENSOR
§ _a § _b § _c § _d	INDICATES WALL SWITCHES FOR MULTIPLE LIGHTING GROUPS
§ _{LV}	INDICATES LOW VOLTAGE WALL SWITCH
§ _K	INDICATES KEY-OPERATED WALL SWITCH
§ _M	INDICATES MOTOR RATED SWITCH
§ _T	INDICATES WALL SWITCH WITH INTEGRAL TIMER
§ _M	MOTOR RATED SWITCH
○ _{OC}	OCCUPANCY SENSOR
○ _J	JUNCTION BOX
○ _{CR}	CONTACT RELAY
⊕ ⊖	20A SPECIFICATION GRADE RECEPTACLE, COORDINATE CONFIGURATION W/ SUPPLIED EQUIPMENT
⊕ ⊖	20A SPECIFICATION GRADE GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
⊕ ⊖	20A SPECIFICATION GRADE QUADRUPLX RECEPTACLE
⊕ ⊖	20A SPECIFICATION GRADE GROUND FAULT CIRCUIT INTERRUPTER QUADRUPLX RECEPTACLE
⊕ ⊖	208/240V RECEPTACLE 18" COD UNLESS OTHERWISE NOTED ON PLANS
⊕ ⊖	SPLITWIRED RECEPTACLES
60/40 F XXAXXF	FUSED DISCONNECT
30 XX	NON-FUSED DISCONNECT
XXAS XXAF	FUSED SWITCH
⊗	LAY-IN 2 FT x 2 FT.
⊗	SURFACE MOUNTED 2 FT x 4 FT FLUORESCENT LIGHT FIXTURE.
⊗	SURFACE MOUNTED 1 FT x 4 FT FLUORESCENT LIGHT FIXTURE.
▬ ▬ ▬	HATCHING INDICATES EMERGENCY LIGHTING.
⊙	RECESSED LIGHT FIXTURE.
○	PENDANT MOUNTED LIGHT FIXTURE
⊗	SINGLE FACE ILLUMINATED EXIT SIGN
⊗	DOUBLE FACED ILLUMINATED DIRECTIONAL EXIT SIGN.
⊗	SINGLE FACED ILLUMINATED DIRECTIONAL EXIT SIGN.
⊕	LED STANDARD EMERGENCY LIGHT

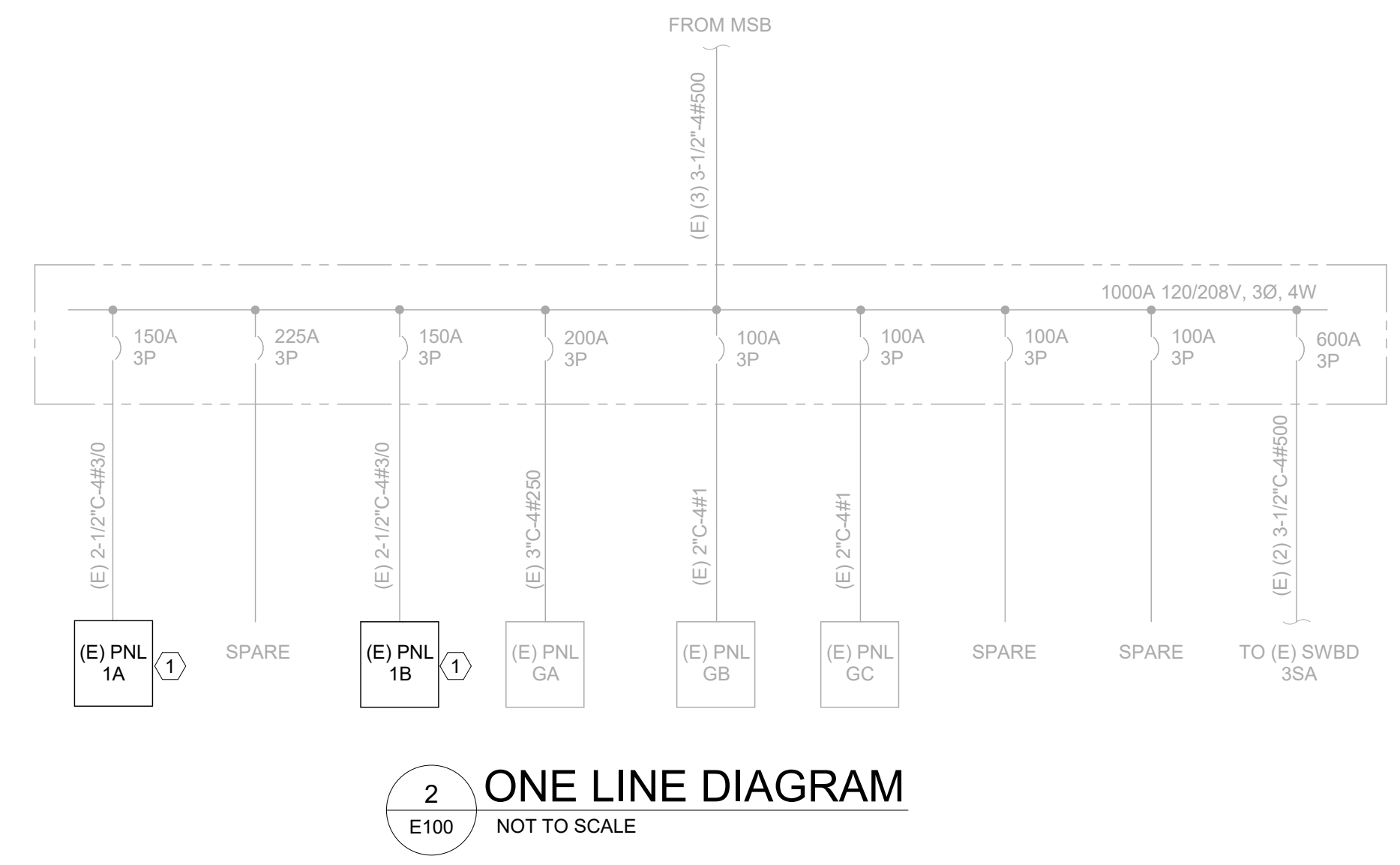
ELECTRICAL ABBREVIATIONS	
A	-AMMETER, AMPERE
AC	-ALTERNATING CURRENT
ACH	-ABOVE COUNTER HEIGHT
AFCI	-ARC FAULT CIRCUIT INTERRUPT
AFF	-ABOVE FINISHED FLOOR
AIC	-AMPS INTERRUPTING CAPACITY
ATS	-AUTOMATIC TRANSFER SWITCH
BRKR	-BREAKER
BOE	-BOTTOM OF EQUIPMENT
CEC	-CALIFORNIA ELECTRICAL CODE
C/COND	-CONDUIT
CKT	-CIRCUIT
COD	-CENTER OF DEVICE
CT	-CURRENT TRANSFORMER
DC	-DIRECT CURRENT
(E)	-EXISTING
FSS	-FUSED SERVICE SWITCH
G	-GROUND
GFCI	-GROUND FAULT CIRCUIT INTERRUPT
J	-JUNCTION BOX
LCP	-LIGHTING CONTROL PANEL
LTR	-LIGHTING
MFR	-MANUFACTURER
MSB	-MAIN SWITCH BOARD
MTS	-MANUAL TRANSFER SWITCH
NEC	-NATIONAL ELECTRIC CODE
NEMA	-NATIONAL ELECTRIC MANUFACTURER'S ASSOCIATION
NFSS	-NON-FUSED SERVICE SWITCH
N	-NEUTRAL
PB	-PULLBOX
PC	-PHOTOCELL
PNL	-PANELBOARD
RECEPT	-RECEPTACLE
SWBD	-SWITCHBOARD
T	-THERMOSTAT OR TELE CONDUIT
TOD	-TOP OF DEVICE
TYP	-TYPICAL
V	-VOLTMETER, VOLT
W	-WATT
WP	-WEATHERPROOF (NEMA 3R)
XFMR	-TRANSFORMER
*	-FINAL FUSE SIZE ACCORDING TO MANUFACTURER

LUMINAIRE SCHEDULE							
ID	Manufacturer	Model	Lamps	Luminous Flux	Color Temperature	Apparent Load	Description
1	LITHONIA	2VTS4	LED	3000 lm	5000 K	23.2 VA	INTERIOR VOLUMETRIC LED TROFFER, 2'X4', 80CRI, 0-10V DIMMING DOWN TO 1%, 120V AC. PROVIDE EMERGENCY BATTERY BACKUP WHERE INDICATED.
2	LITHONIA	2VTS4	LED	4000 lm	5000 K	31.4 VA	INTERIOR VOLUMETRIC LED TROFFER, 2'X4', 80CRI, 0-10V DIMMING DOWN TO 1%, 120V AC. PROVIDE EMERGENCY BATTERY BACKUP WHERE INDICATED.
3	LITHONIA	2VTS4	LED	4800 lm	5000 K	38.4 VA	INTERIOR VOLUMETRIC LED TROFFER, 2'X4', 80CRI, 0-10V DIMMING DOWN TO 1%, 120V AC. PROVIDE EMERGENCY BATTERY BACKUP WHERE INDICATED.
4	LITHONIA	2VTS4	LED	6000 lm	5000 K	47.7 VA	INTERIOR VOLUMETRIC LED TROFFER, 2'X4', 80CRI, 0-10V DIMMING DOWN TO 1%, 120V AC. PROVIDE EMERGENCY BATTERY BACKUP WHERE INDICATED.
5	USALIGHTING	B3SDM-UA	LED	1200 lm	5000 K	18.2 VA	INTERIOR 3" SQUARE DOWNLIGHT, 65° BEAM, BLACK BEVEL TRIM/FLANGE FINISH, 120V AC, 0-10V DIMMING TO 1%.
6	MARK	SL2L4	LED	3200 lm	5000 K	31.6 VA	INTERIOR RECESSED LINEAR FIXTURE, 4FT TOTAL RUN LENGTH, FLUSH LENS FIXTURE STYLE, 80CRI, 400 LUMENS PER FT. STANDARD DISTRIBUTION, 0-10V DIMMING TO 1%, BLACK FINISH, 120V AC. PROVIDE EMERGENCY BATTERY BACKUP WHERE INDICATED.
7	LITHONIA	BRUNO	LED	8400 lm	5000 K	35.0 VA	INTERIOR SUSPENDED INDIRECT/DIRECT LINEAR, LINEAR LONGEST POSSIBLE, 6FT RUN, 80CRI, 1400 LUMENS PER FOOT, 70% UP 30% DOWN DISTRIBUTION, CONSTANT CURRENT 0-10V DIMMING TO 1%, SINGLE CIRCUIT CIRING, 120V AC. PROVIDE EMERGENCY CIRCUIT MODULE WHERE INDICATED. COORDINATE SUSPENSION LENGTH WITH ARCHITECT.
8	JUNO	UCES	LED	600 lm	4000 K	8.2 VA	RECESSED DOWNLIGHT, 4" Ø, CLEAR REFLECTOR & FLANGE, MEDIUM WIDE DISTRIBUTION, SEMI-SPECULAR, 120V AC, 0-10V DIMMING. PROVIDE WITH EMERGENCY BATTERY BACKUP WHERE INDICATED.
9	LITHONIA	EVO4	LED	2500 lm	5000 K	25.7 VA	INTERIOR LED UNDERCABINET LIGHT, 18" LENGTH, 120V AC.
⊗	LITHONIA	LQM	LED	0 lm	0 K	5.0 VA	INTERIOR EXIT SIGN, WHITE HOUSING, GREEN LETTERS, NICKEL CADMIUM BATTERY BACKUP, 120V AC. PROVIDE GREEN ARROWS WHERE INDICATED ON PLANS.



1 ELECTRICAL REFERENCE PLAN
1/32" = 1'-0"

KEYED NOTES:
1 REFER TO PANEL SCHEDULE ON E101 FOR MODIFICATIONS.



2 ONE LINE DIAGRAM
E100 NOT TO SCALE

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LICENSE STAMPS

PROJECT NAME
HUMBOLDT COUNTY
AUDITOR-CONTROLLER OFFICE REMODEL

825 5TH STREET
EUREKA, CALIFORNIA

SHEET TITLE
ELECTRICAL LEGENDS AND SCHEDULES

DRAWING STATUS
CONSTRUCTION DOCUMENTS

REVISIONS			
Sym.	Description	By	Date

Drawn By	TA
Checked By	CA
Date Drawn	12/02/2022
Scale	As indicated
Job No.	17-6430.00

SHEET No.

(E) BRANCH PANEL		1A													
LOCATION:		VOLTS:		120/208 Wye		A.I.C. RATING:		EXISTING							
MOUNTING:		WIRES:		4		BUS RATING:		200 A							
		CIRCUITS:		42		MAIN:		MLO							
CKT	Circuit Description	Rating	Poles	A	B	C	A	B	C	Poles	Rating	Circuit Description	CKT		
1	(E) LIGHTS	20 A	1	900			1029			1	20 A	(N) LIGHTS - WEST	2		
3	(E) LIGHTS	20 A	1		900			1264		1	20 A	(N) LIGHTS - EAST	4		
5	(E) LIGHTS	20 A	1			900			900	1	20 A	(N) RECEPTS - AUDITOR OFFICE 3	6		
7	(E) LIGHTS	20 A	1	900			900			1	20 A	(E) LIGHTS	8		
9	(E) LIGHTS	20 A	1		900			900		1	20 A	(E) LIGHTS	10		
11	(N) RECEPTS - AUDITOR OFFICE 2	20 A	1				900			1	20 A	(E) LIGHTS	12		
13	(N) RECEPTS - AUDITOR OFFICE 1	20 A	1	900			1080			1	20 A	(N) RECEPTS - NE OPEN OFFICE	14		
15	(N) RECEPTS - E OPEN OFFICE	20 A	1		1080			1080		1	20 A	(N) RECEPTS - N OPEN OFFICE	16		
17	(E) LOAD	20 A	1		900			1080		1	20 A	(N) RECEPTS - SE LOWER OFFICES	18		
19	(E) POWER POLE	20 A	1	900			900			1	20 A	(E) LIGHTS	20		
21	(E) LOAD	20 A	1		900			900		1	20 A	(E) LIGHTS	22		
23	(E) RECEIPT	20 A	1				900		900	1	20 A	(E) RECEPTS	24		
25	(E) RECEPTS	20 A	1	900			900			1	20 A	(E) RECEPTS	26		
27	(E) FLOOR DUCT	20 A	1		900			900		1	20 A	(E) LOAD	28		
29	(E) LOAD	20 A	1			900			900	1	20 A	(E) LOAD	30		
31	(E) LOAD	20 A	1	900			900			1	20 A	(E) LOAD	32		
33	(E) LOAD	20 A	1		900			900		1	20 A	(E) RECEPTS - COUNTER OFFICE	34		
35	(E) RECEPTS - COUNTER OFFICE	20 A	1				900		900	1	20 A	(E) RECEPTS - TAX OFFICE	36		
37	(E) LOAD	20 A	1	900			900			1	20 A	(E) RECEPTS - TAX OFFICE	38		
39	(E) RECEIPT - TAX OFFICE	20 A	1		900			900		1	20 A	(E) RECEPTS - TAX OFFICE	40		
41	(E) RECEPTS - TAX OFFICE	20 A	1				900		900	1	20 A	(E) RECEPTS - TAX OFFICE	42		
TOTAL LOAD (VOLT-AMPS):				PHASE A	PHASE B	PHASE C									
				12909 VA	13324 VA	12780 VA									
TOTAL LOAD (AMPS)				108 A	111 A	107 A									

(E) BRANCH PANEL		1B													
LOCATION:		VOLTS:		120/208 Wye		A.I.C. RATING:		EXISTING							
MOUNTING:		WIRES:		4		BUS RATING:		200 A							
		CIRCUITS:		42		MAIN:		MLO							
CKT	Circuit Description	Rating	Poles	A	B	C	A	B	C	Poles	Rating	Circuit Description	CKT		
1	(N) RECEPTS - S OPEN OFFICE	20 A	1	1620			900			1	20 A	(E) COPIER	2		
3	(N) RECEPTS - PAYROLL	20 A	1		900			900		1	20 A	(E) TEMP LIGHTS	4		
5	(E) LOAD	20 A	1			900			900	1	20 A	(E) LIGHTS	6		
7	(E) LIGHTS	20 A	1	900			1440			1	20 A	(N) RECEPTS - CONFERENCE ROOM	8		
9	(E) LIGHTS	20 A	1		900			900		1	20 A	(E) LIGHTS	10		
11	(E) LIGHTS	20 A	1			900			500	1	20 A	(N) RECEIPT - CONFERENCE TV	12		
13	(E) LIGHTS	20 A	1	900			1500			1	20 A	(N) RECEIPT - FRIDGE	14		
15	(N) RECEPTS - BREAK RM COUNTER	20 A	1		180			760		1	20 A	(N) RECEPTS - BREAK AREA	16		
17	(E) LIGHTS	20 A	1			900			1800	1	20 A	(N) RECEPTS - COPY RM, HALLWAY	18		
19	(E) LIGHTS	20 A	1	900			900			1	20 A	(E) LIGHTS - CORRIDOR	20		
21	(E) RECEPTS	20 A	1		900			900		1	20 A	(E) LIGHTS - P.T. & T	22		
23	(E) RECEPTS - P.T. & T	20 A	1			900			900	1	20 A	(E) RECEPTS - P.T. & T	24		
25	(E) RECEPTS	20 A	1	900			900			1	20 A	(E) RECEPTS - HALLWAY	26		
27	(E) FLOOR DUCTS	20 A	1		900			900		1	20 A	(E) FLOOR DUCTS	28		
29	(E) CHARGER	20 A	1			900			1080	1	20 A	(N) RECEPTS - NW OPEN OFFICE	30		
31	(E) FLOOR DUCTS	20 A	1	900			900			1	20 A	(E) SOAD MACHINE	32		
33	(E) FLOOR DUCTS	20 A	1		900			180		1	20 A	(N) RECEPTS - BREAK RM COUNTER	34		
35	(N) RECEPTS - W OPEN OFFICE	20 A	1			1080			180	1	20 A	(N) RECEPTS - BREAK RM COUNTER	36		
37	(N) RECEPTS - RECEPTION	20 A	1	1080			0			1	20 A	(E) SPARE	38		
39	(E) LOAD	50 A	1		2250			0		1	20 A	(E) SPARE	40		
41	(N) RECEIPT - PRINTER	20 A	1			1500			0	1	20 A	(E) SPARE	42		
TOTAL LOAD (VOLT-AMPS):				PHASE A	PHASE B	PHASE C									
				13740 VA	11470 VA	12440 VA									
TOTAL LOAD (AMPS)				116 A	96 A	105 A									

GENERAL NOTES:

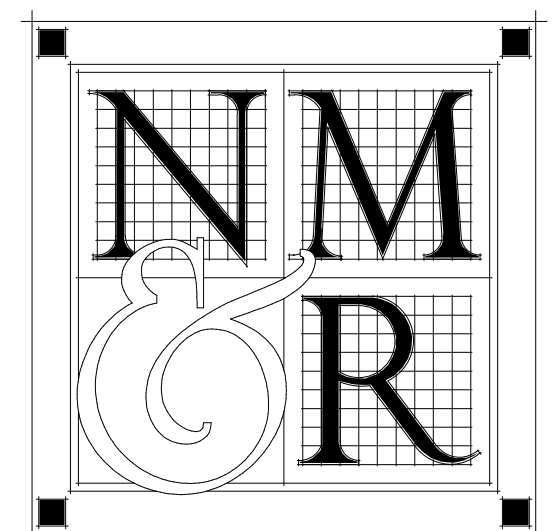
- ELECTRICAL CONTRACTOR TO MAKE MODIFICATIONS AS REQUIRED TO ACCOUNT FOR EXISTING BUILDING CONDITIONS. VERIFY ALL LOADS ARE ENERGIZED AND ELECTRICAL EQUIPMENT IS INSTALLED PER THE CEC.
- REPLACE ALL EXISTING ELECTRICAL DISTRIBUTION COMPONENTS WITHIN PROJECT SCOPE THAT ARE NOT IN GOOD WORKING CONDITION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO SELECT, PROVIDE AND INSTALL ACCESSORIES NECESSARY TO RENDER A COMPLETE, PROFESSIONAL AND CODE COMPLIANT INSTALLATION OF ALL LUMINAIRES ASSOCIATED WITH THE PROJECT. THIS INCLUDES DRYWALL CEILING INSTALLATION KITS, TENMATS FOR RATED APPLICATIONS, WHIPS, CABLING OR ANY OTHER ITEMS REQUIRED FOR EACH LUMINAIRE'S SPECIFIC INSTALLATION LOCATION. SEE ARCHITECTURAL SHEETS FOR FURTHER INSTALLATION REQUIREMENTS.

KEYED NOTES:

- DISCONNECT AND REMOVE ALL DEMOLISHED EQUIPMENT AND ASSOCIATED CONDUIT/CONDUCTORS FROM PANEL. DISCONNECT AND REMOVE AND/OR PROVIDE AND INSTALL CIRCUIT BREAKER INDICATED ON PANEL SCHEDULE. MAKE MODIFICATIONS AS SHOWN AND UTILIZE EXISTING CIRCUIT BREAKERS AS APPLICABLE.
- REUSE EXISTING CIRCUIT BREAKER FOR NEW EQUIPMENT AS SHOWN.
- VERIFY EXISTING CIRCUIT BREAKER IS NOT IN USE. REUSE EXISTING CIRCUIT BREAKER FOR NEW EQUIPMENT AS SHOWN.


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LICENSE STAMPS



PROJECT NAME
HUMBOLDT COUNTY

AUDITOR-CONTROLLER OFFICE REMODEL

825 5TH STREET
EUREKA, CALIFORNIA

SHEET TITLE
ELECTRICAL PANEL SCHEDULES

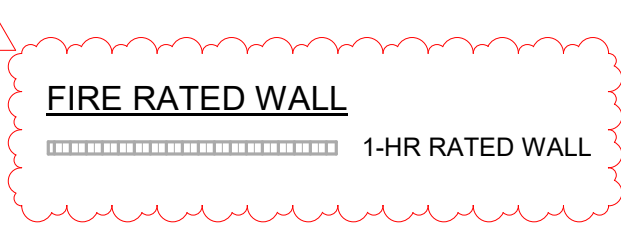
DRAWING STATUS
CONSTRUCTION DOCUMENTS

REVISIONS

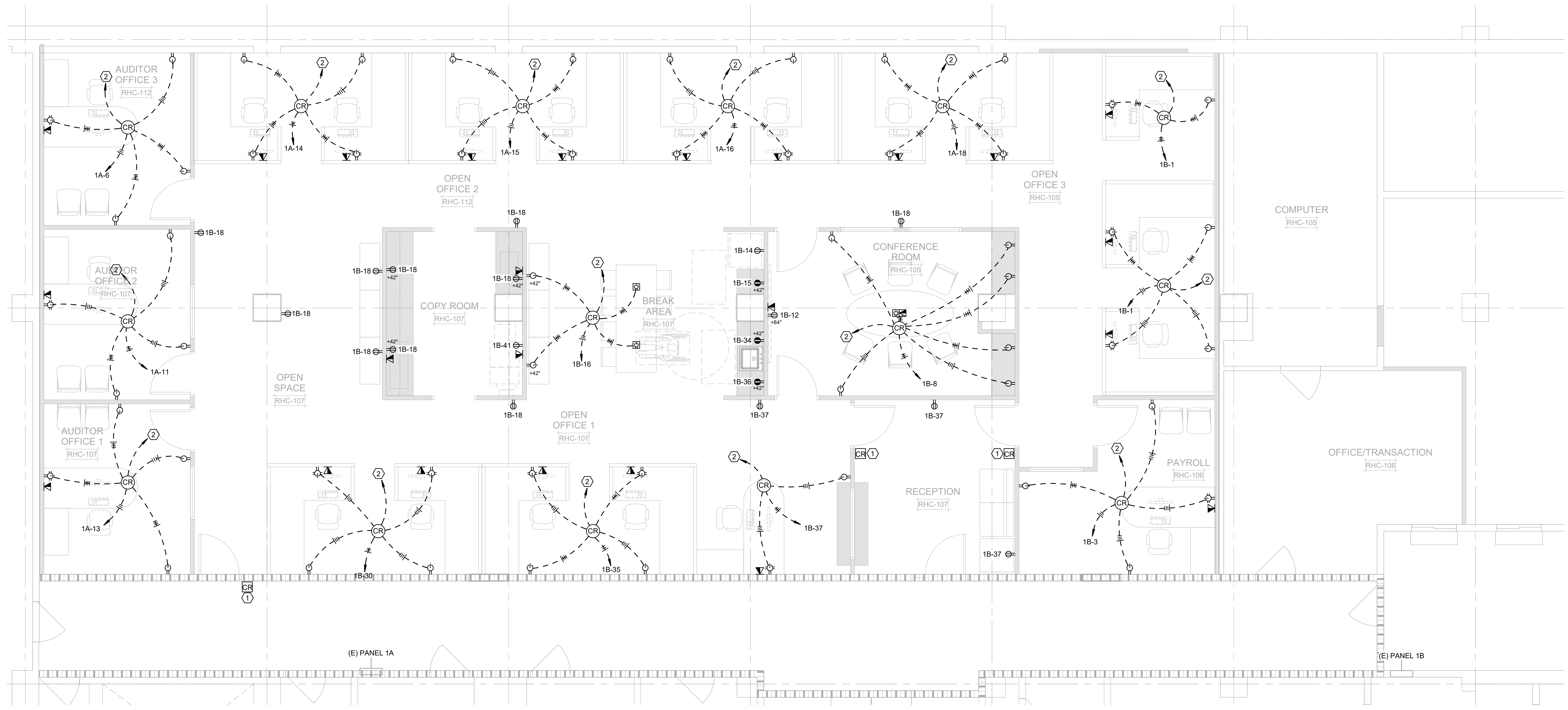
Sym.	Description	By	Date

Drawn By	TA
Checked By	CA
Date Drawn	12/02/2022
Scale	
Job No.	17-6430.00

SHEET No.



- GENERAL NOTES:**
- CONTRACTOR TO COORDINATE ELECTRICAL POWER AND DATA FOR CUBICLES WITH CUBICLE VENDOR/ OWNER/ ARCHITECT.
 - CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING SUB-FLOOR POWER BOXES AND TERMINATION OF EXISTING CONDUCTORS. EXISTING CONDUCTORS SHALL BE DE-ENERGIZED AND TERMINATED PRIOR TO INSTALLATION OF NEW FLOORING. SEE ARCHITECTURAL PLANS.
 - SEE 1/E301 FOR CONDUIT PENETRATION THRU RATED WALL DETAIL.
- KEYED NOTES:**
- PROVIDE JUNCTION BOX MOUNTED AT 48" AFF FOR CARD READER. COORDINATE WITH SECURITY CONTRACTOR PRIOR TO INSTALLATION.
 - CONNECT CONTACT RELAY TO ROOM OCCUPANCY SENSOR VIA CAT 5e CABLE FOR SPLITWIRED RECEPTACLES CONTROL.



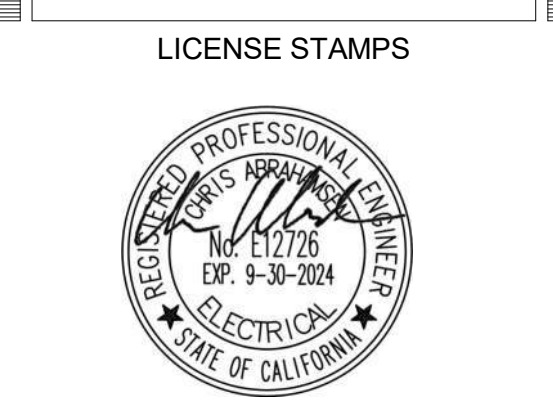
1 ELECTRICAL FLOOR PLAN
 E201 1/4" = 1'-0"

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CONSULTANTS



PROJECT NAME
HUMBOLDT COUNTY
AUDITOR-CONTROLLER OFFICE REMODEL

825 5TH STREET
 EUREKA, CALIFORNIA

SHEET TITLE
ELECTRICAL POWER PLAN

DRAWING STATUS
CONSTRUCTION DOCUMENTS

REVISIONS

Sym.	Description	By	Date
▲	PLAN CHECK #1		3/8/2023

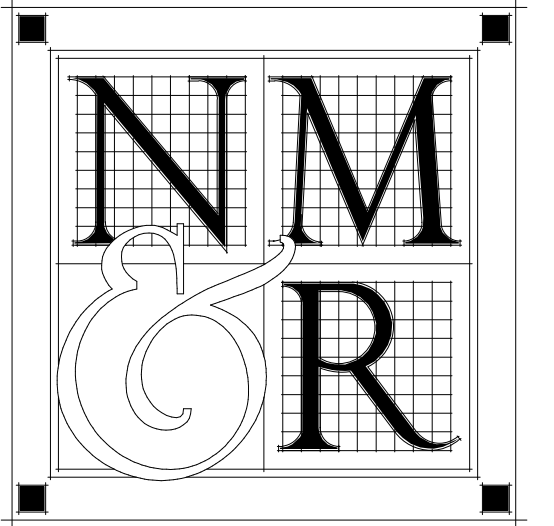
Drawn By	TA
Checked By	CA
Date Drawn	12/02/2022
Scale	As indicated
Job No.	17-6430.00

SHEET No.
E201

FIRE RATED WALL
 1-HR RATED WALL

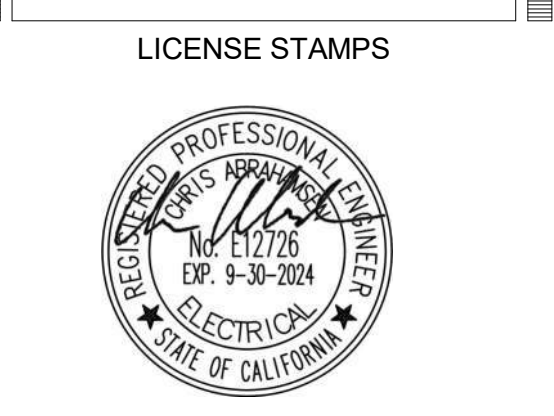
GENERAL NOTES:
 1. SEE 1/E301 FOR CONDUIT PENETRATION THRU RATED WALL DETAIL.

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 Ph (530) 232-6160 - www.frontierce.com



PROJECT NAME
HUMBOLDT COUNTY

AUDITOR-CONTROLLER OFFICE REMODEL

825 5TH STREET
 EUREKA, CALIFORNIA

SHEET TITLE
ELECTRICAL LIGHTING PLAN

DRAWING STATUS
CONSTRUCTION DOCUMENTS

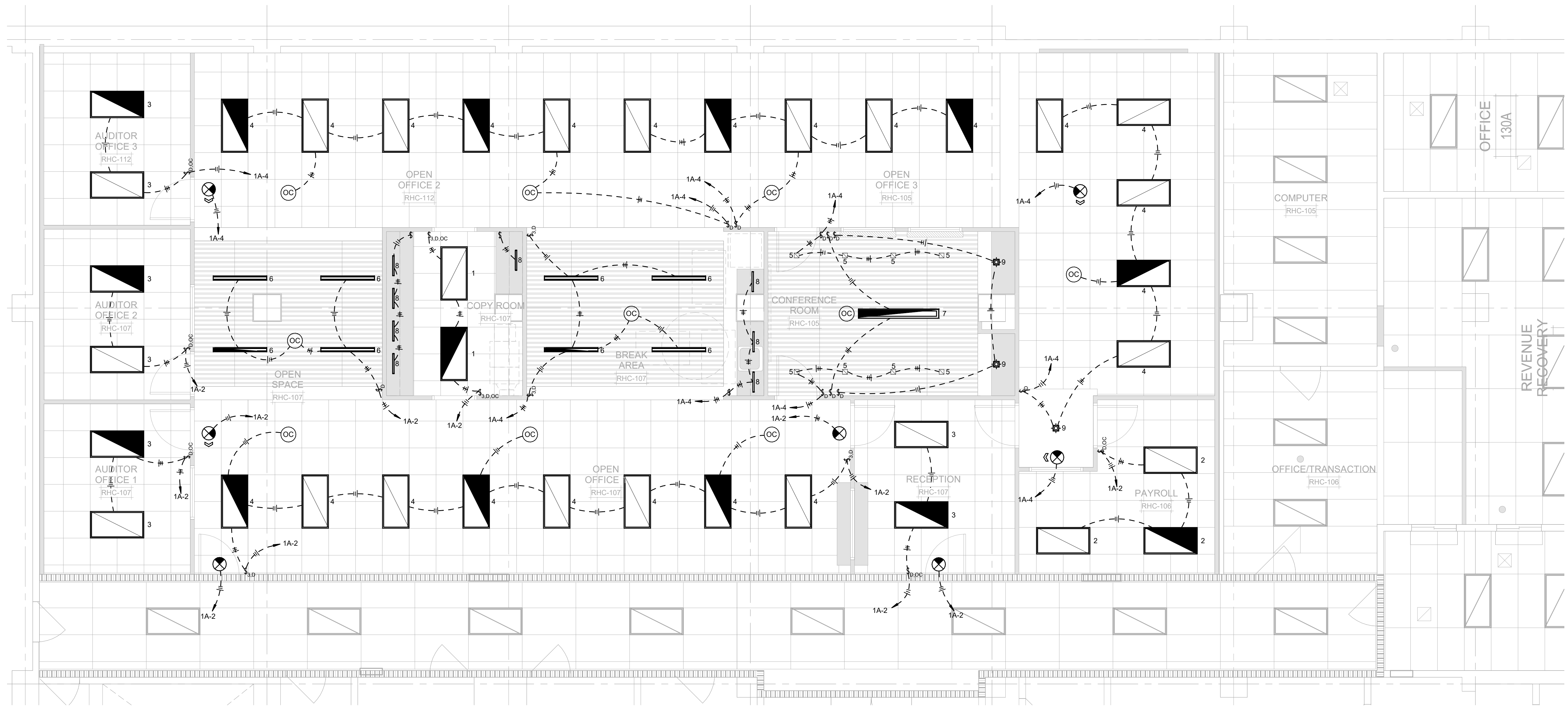
REVISIONS

Sym.	Description	By	Date
△	PLAN CHECK #1		3/8/2023

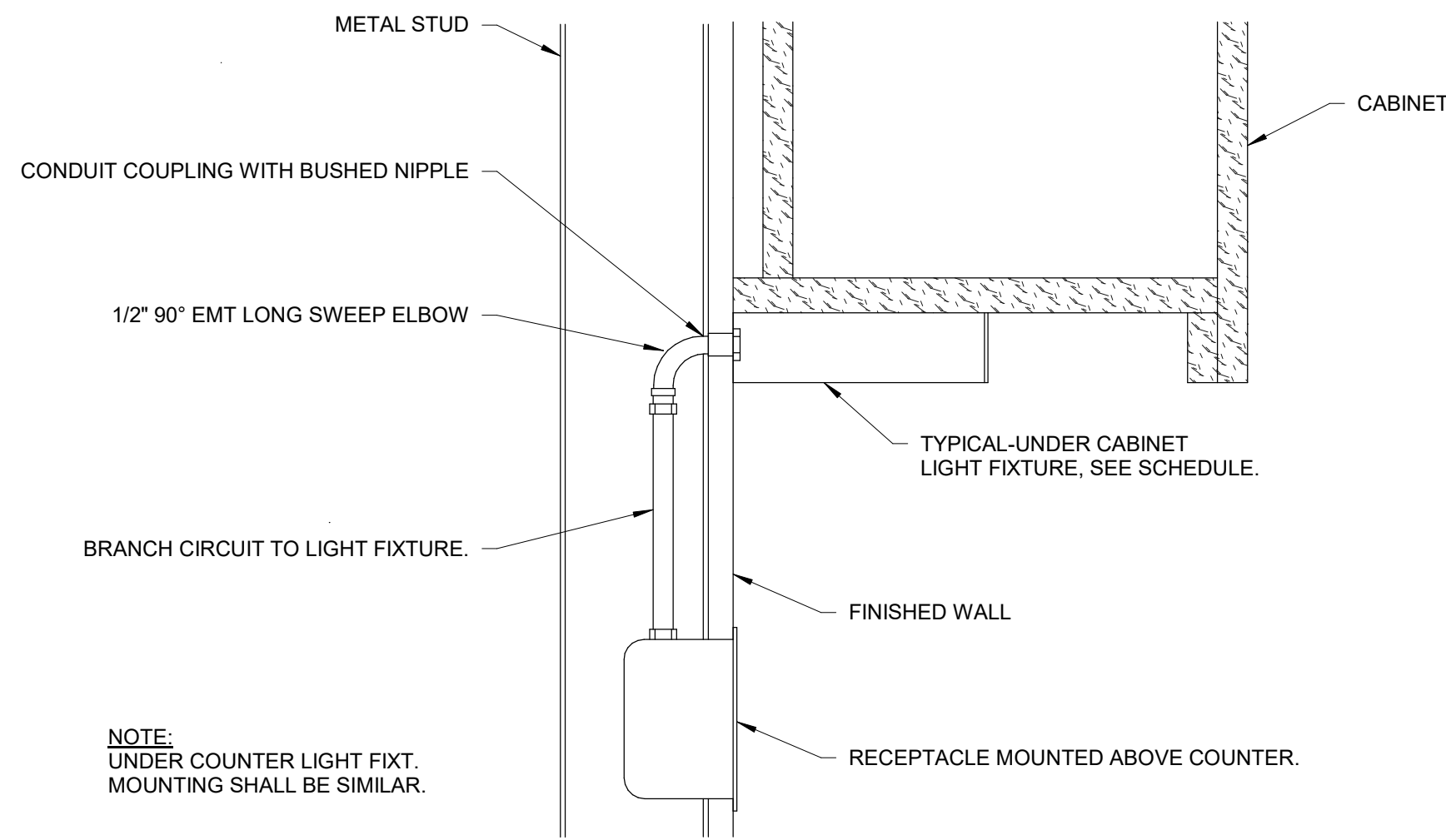
Drawn By	TA
Checked By	CA
Date Drawn	12/02/2022
Scale	As indicated
Job No.	17-6430.00

SHEET No.

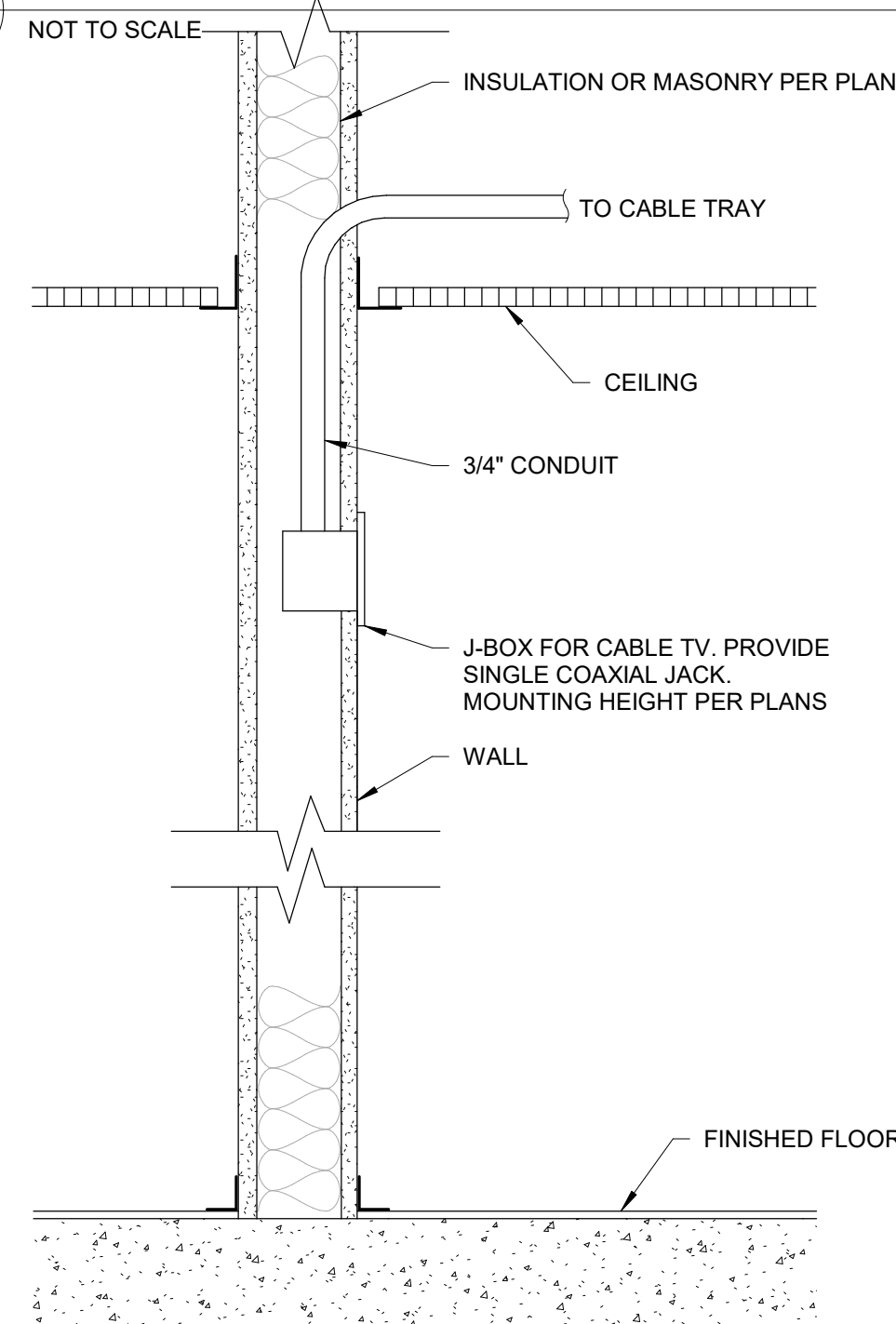
E202



1 ELECTRICAL LIGHTING PLAN
 1/4" = 1'-0"

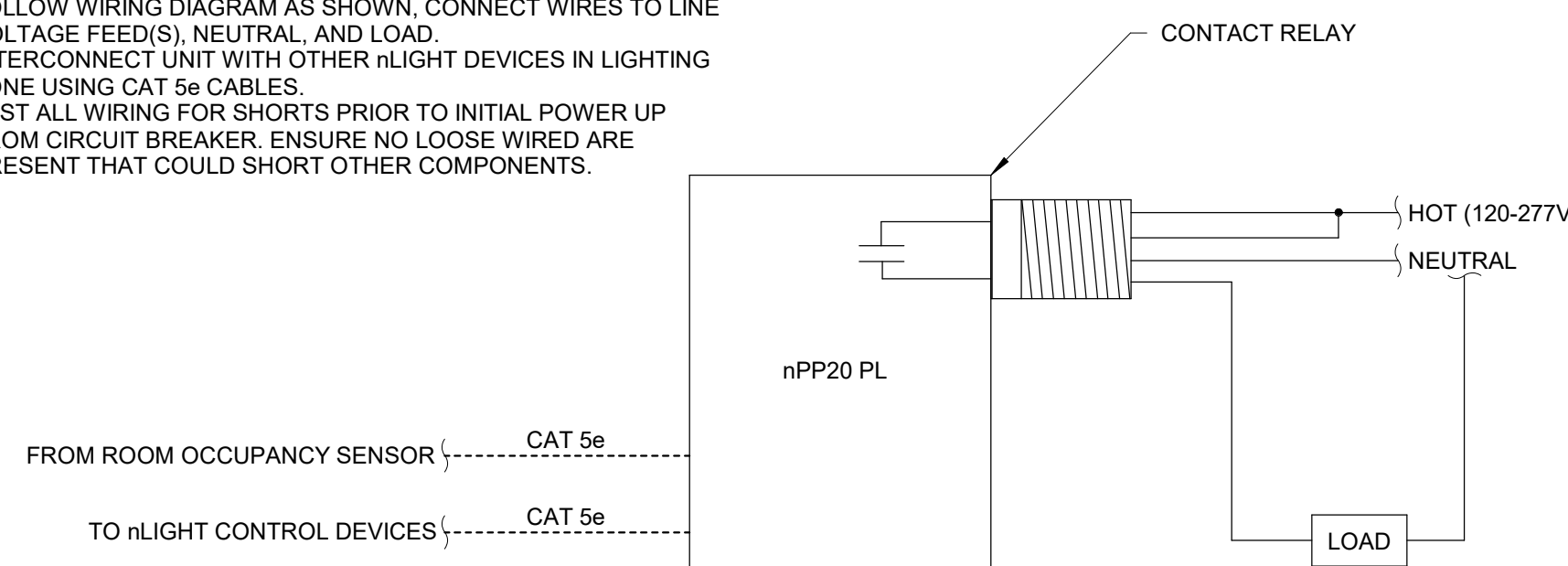


3 UNDER CABINET LT. FIXT. MOUNTING DETAIL
E300 NOT TO SCALE

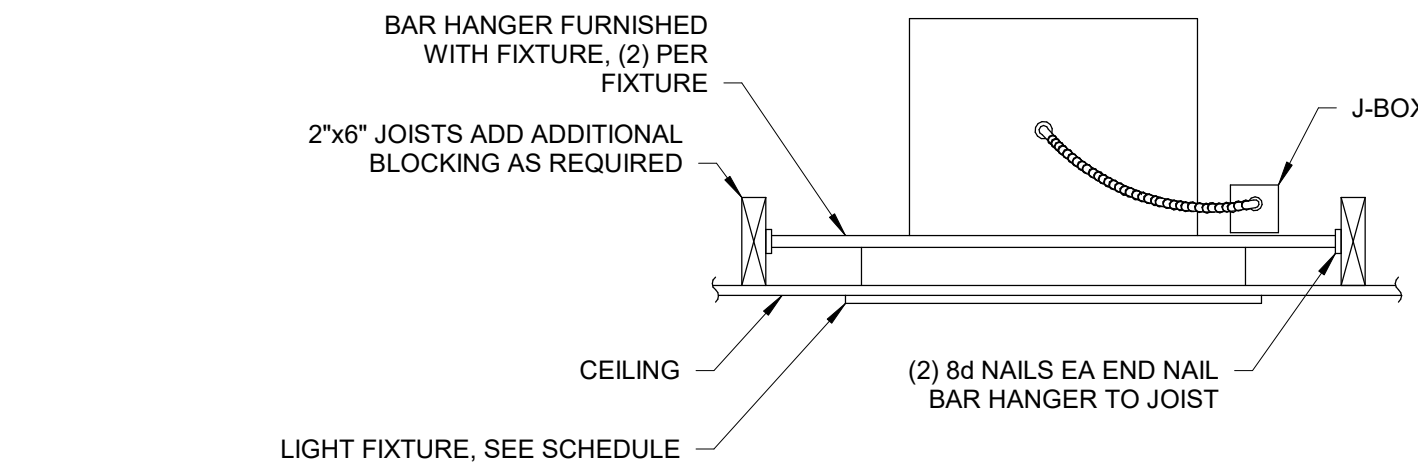


6 TYPICAL TV OUTLET INSTALLATION
E300 NOT TO SCALE

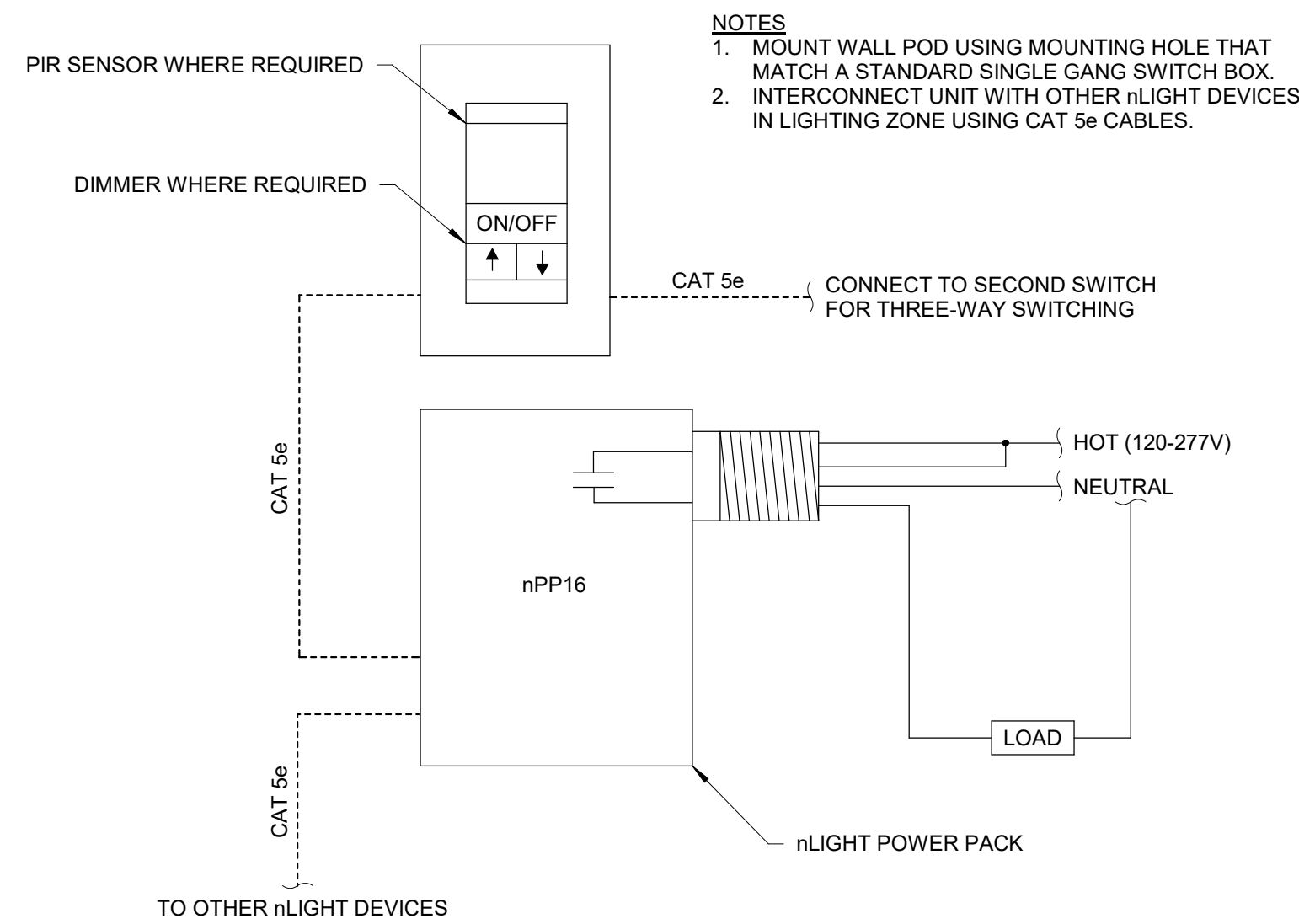
- NOTES:**
1. MOUNT THROUGH ANY 1/2" KNOCKOUT IN A JUNCTION BOX OR LUMINAIRE AND SECURE WITH LOCK NUT.
 2. FOLLOW WIRING DIAGRAM AS SHOWN, CONNECT WIRES TO LINE VOLTAGE FEED(S), NEUTRAL, AND LOAD.
 3. INTERCONNECT UNIT WITH OTHER nLIGHT DEVICES IN LIGHTING ZONE USING CAT 5e CABLES.
 4. TEST ALL WIRING FOR SHORTS PRIOR TO INITIAL POWER UP FROM CIRCUIT BREAKER. ENSURE NO LOOSE WIRED ARE PRESENT THAT COULD SHORT OTHER COMPONENTS.



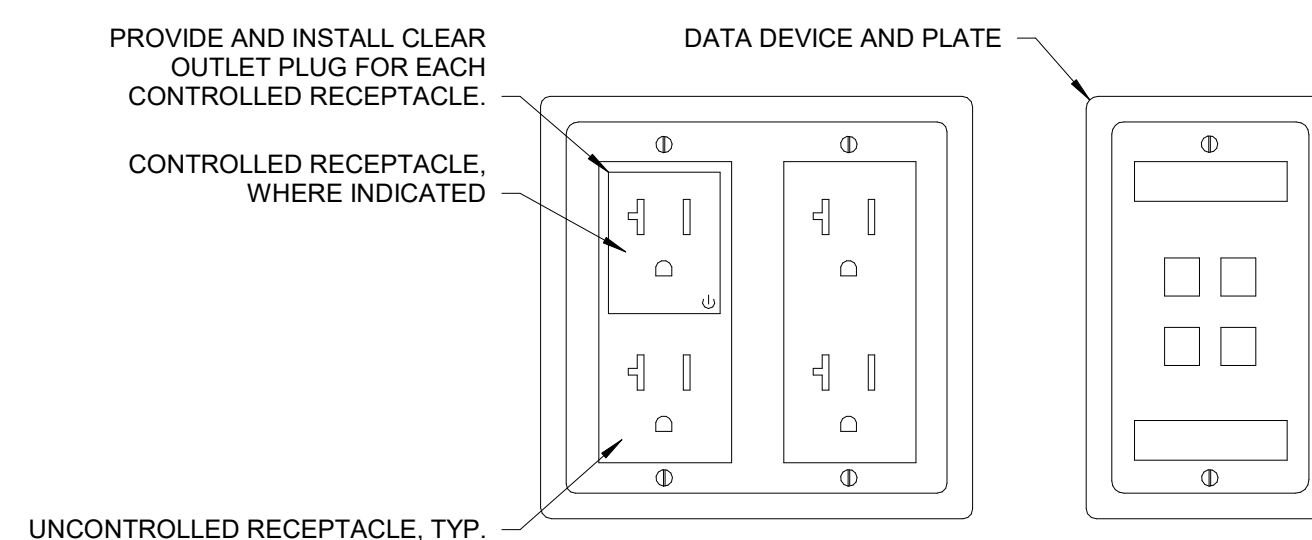
9 TYPICAL CONTACT RELAY DETAIL
E300 NOT TO SCALE



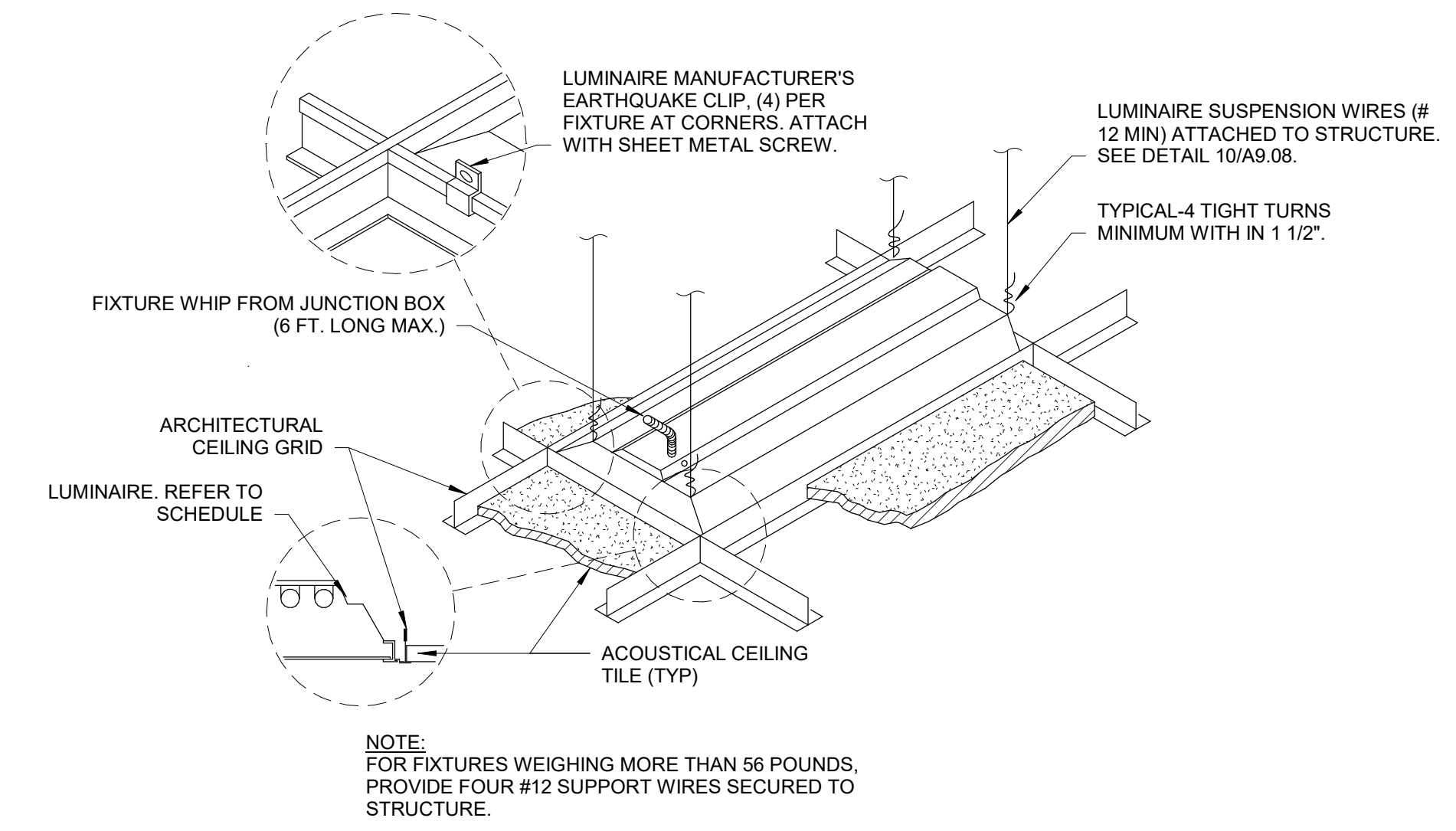
2 RECESS DOWNLIGHT DETAIL IN HARD LID CEILING
E300 NOT TO SCALE



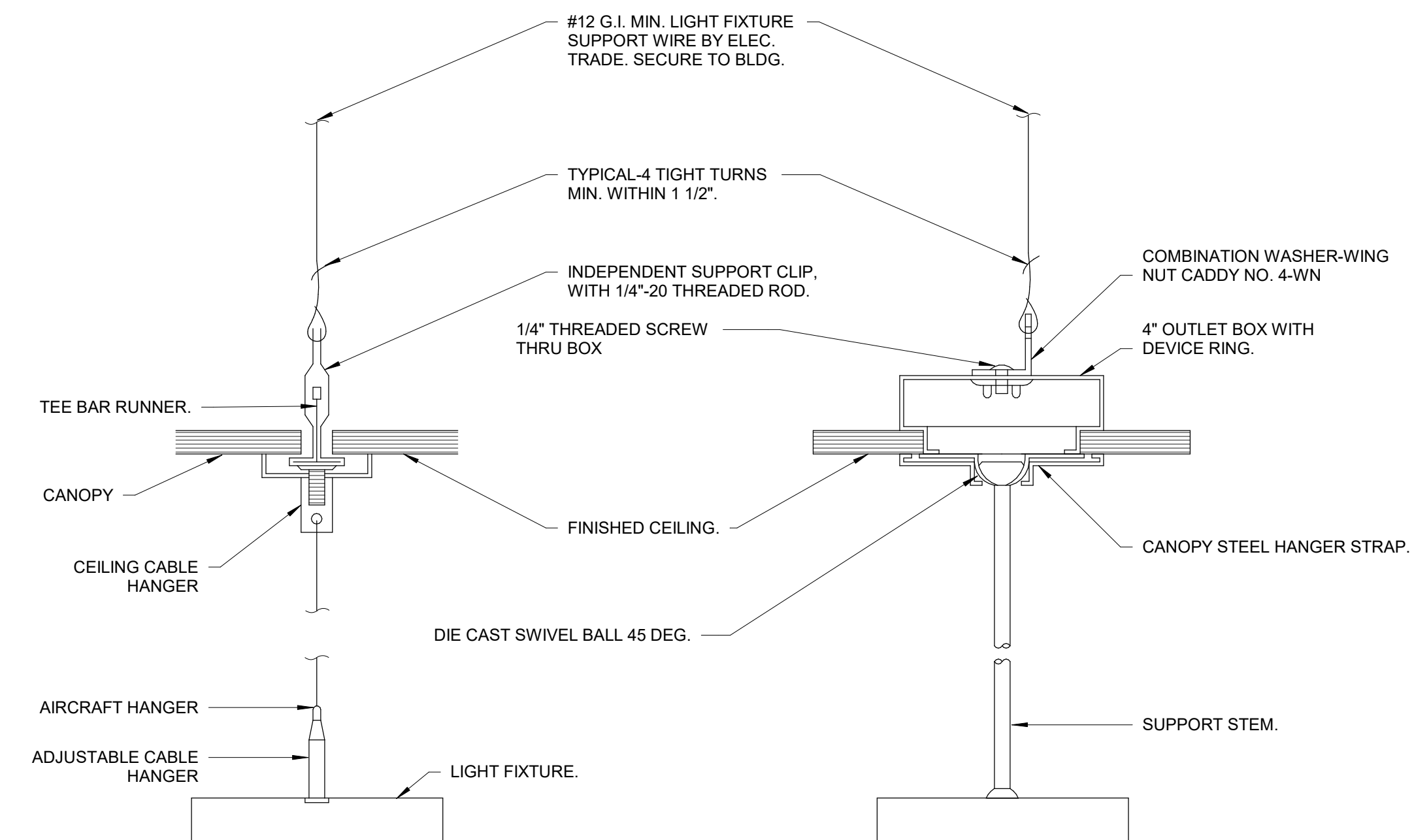
5 TYPICAL LIGHTING CONTROL DETAIL
E300 NOT TO SCALE



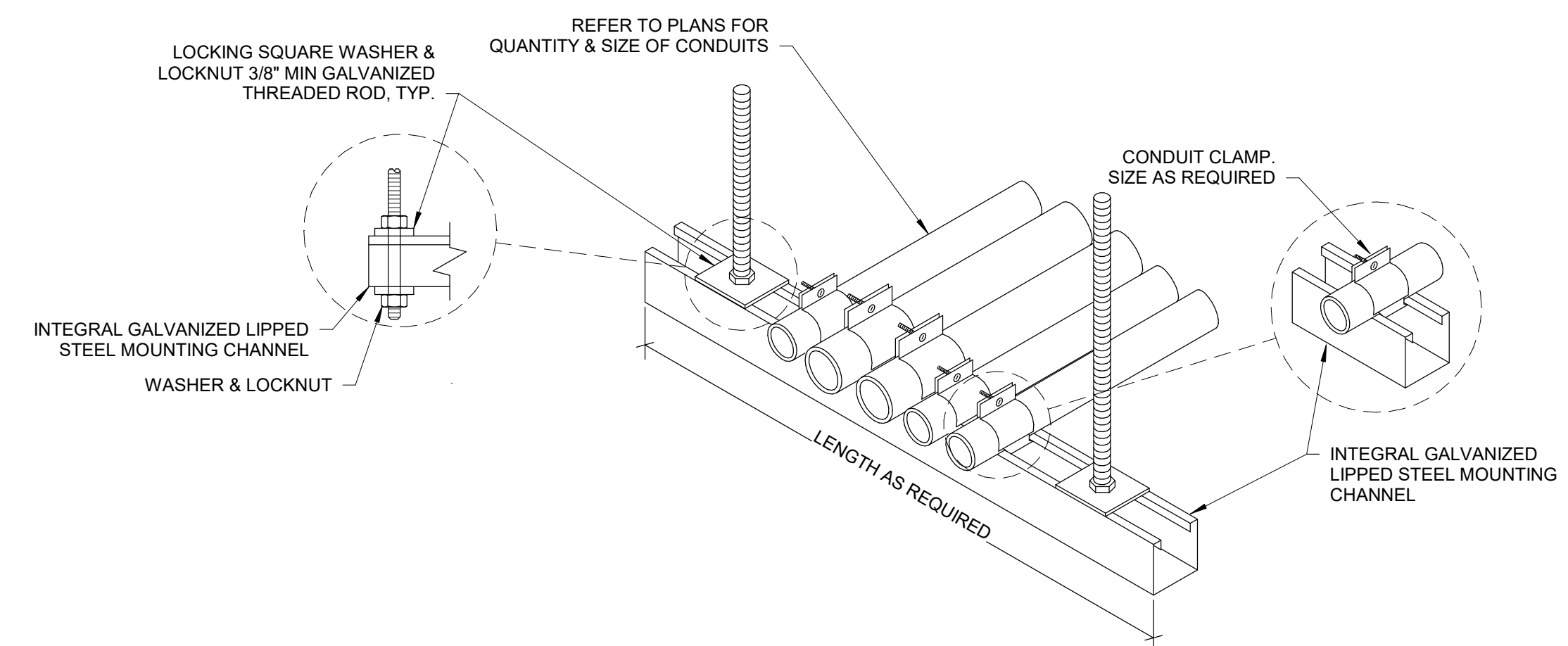
8 POWER AND DATA OUTLET GROUPING
E300 NOT TO SCALE



1 LIGHT FIXTURE MOUNTING DETAIL - LAY-IN CEILING
E300 NOT TO SCALE



4 SUSPENDED LIGHTING FIXTURE MOUNTING DETAIL
E300 NOT TO SCALE



- NOTES:**
1. METAL CHANNEL STRUT SUPPORT LONGER THAN 36\"/>

7 CONDUIT TRAPEZE MOUNTING DETAIL
E300 NOT TO SCALE

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LICENSE STAMPS

PROJECT NAME
HUMBOLDT COUNTY

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825 5TH STREET
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ELECTRICAL DETAILS

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REVISIONS

Sym.	Description	By	Date

Drawn By	TA
Checked By	CA
Date Drawn	12/02/2022
Scale	1/8" = 1'-0"
Job No.	17-6430.00

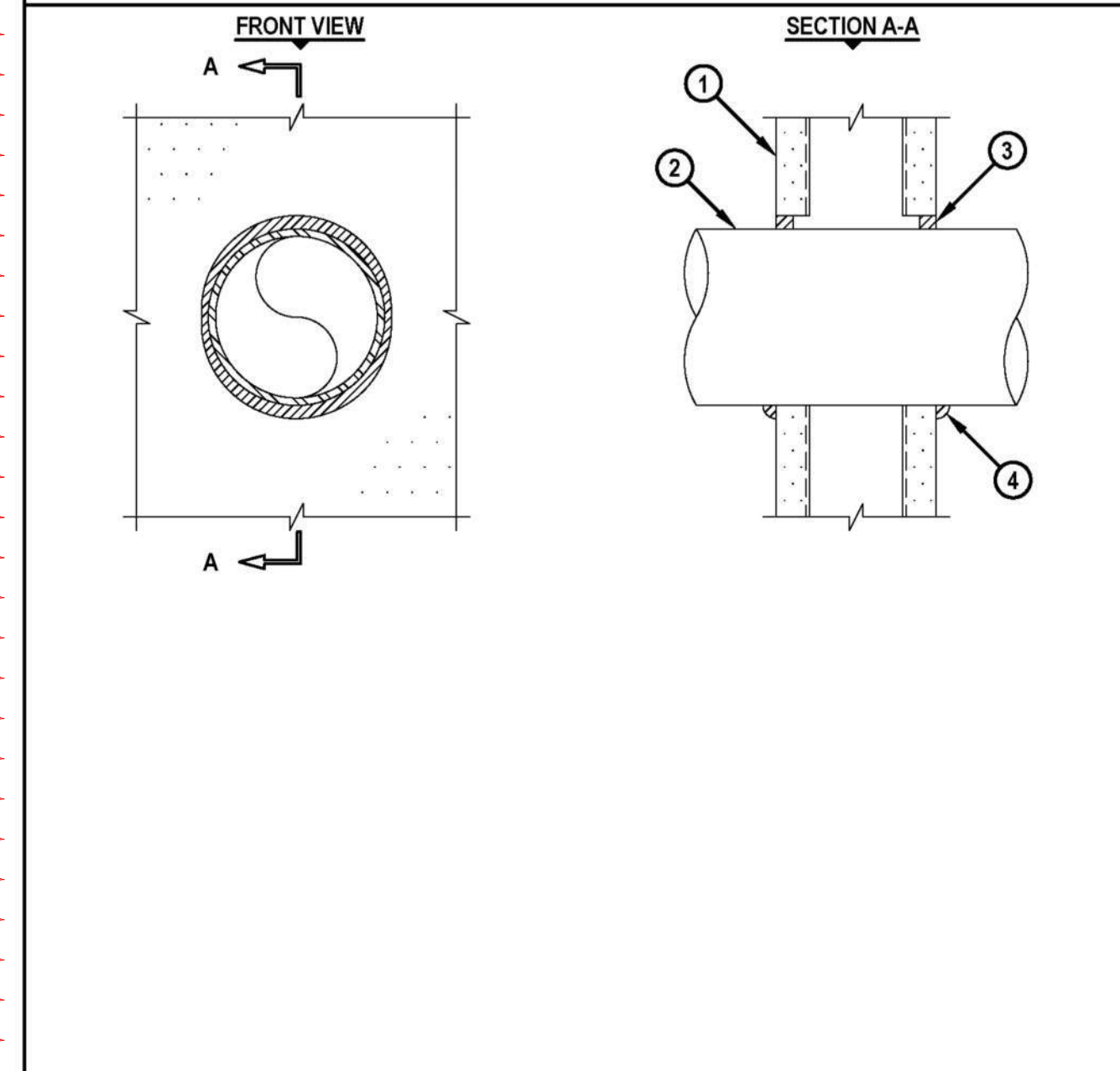
SHEET No.

E300

ENGINEERING JUDGMENT FIRESTOP DETAIL

THIS ENGINEERING JUDGMENT REPRESENTS A FIRESTOP SYSTEM THAT WOULD BE EXPECTED TO PASS THE STATED RATING IF TESTED.

PROJECT: HCC - CONTROLLER-AUDITOR
 ADDRESS: 825 5TH STREET, EUREKA, CA 95501
 ISSUED TO: NMR
 Rating: **F-RATING = 1-HR. OR 2-HR. (SEE NOTE NO. 4 BELOW)**



HILTI Hilti Firestop Systems Saving Lives through Innovation and Education	HILTI, Inc. Plano, Texas USA (800) 879-8000	Sheet 1 of 2	Drawing No. 584309a
	Designed by Hilti FFE Tyler Thomas <i>TLT</i>	Drafter DS Date Feb. 20, 2023	Scale 3/16" = 1"

ENGINEERING JUDGMENT FIRESTOP DETAIL

THIS ENGINEERING JUDGMENT REPRESENTS A FIRESTOP SYSTEM THAT WOULD BE EXPECTED TO PASS THE STATED RATING IF TESTED.

PROJECT: HCC - CONTROLLER-AUDITOR
 ADDRESS: 825 5TH STREET, EUREKA, CA 95501
 ISSUED TO: NMR
 Rating: **F-RATING = 1-HR. OR 2-HR. (SEE NOTE NO. 4 BELOW)**

- PLASTER AND LATH WALL ASSEMBLY (MIN. 3-1/2" WIDE STEEL STUDS) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN). MINIMUM PLASTER THICKNESS: 5/8" (FOR 1-HR.) OR 1-1/4" (FOR 2-HR.).
- PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
 - MAXIMUM 4" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
 - MAXIMUM 4" NOMINAL DIAMETER CAST IRON PIPE.
 - MAXIMUM 4" NOMINAL DIAMETER COPPER PIPE.
 - MAXIMUM 4" NOMINAL DIAMETER STEEL CONDUIT.
 - MAXIMUM 4" NOMINAL DIAMETER EMT.
- MINIMUM 5/8" DEPTH HILTI CP 606 FLEXIBLE FIRESTOP SEALANT.
- MINIMUM 1/2" BEAD HILTI CP 606 FLEXIBLE FIRESTOP SEALANT APPLIED AT POINT OF CONTACT.

NOTES: 1. MAXIMUM DIAMETER OF OPENING = 5".
 2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 1/2".
 3. PIPE MAY BE INSTALLED WITH CONTINUOUS POINT OF CONTACT FOR ITEMS 3A, 3B, 3D, AND 3E FOR PIPE DIAMETER OF NOMINAL 4" AND SMALLER.
 4. FIRE-RATING OF ASSEMBLY IS DEPENDENT UPON THE PERFORMANCE OF WALL ASSEMBLY UNDER FIRE CONDITIONS.

HILTI Hilti Firestop Systems Saving Lives through Innovation and Education	HILTI, Inc. Plano, Texas USA (800) 879-8000	Sheet 2 of 2	Drawing No. 584309a
	Designed by Hilti FFE Tyler Thomas <i>TLT</i>	Drafter DS Date Feb. 20, 2023	Scale -

1 CONDUIT PENETRATION DETAIL
 E301 NOT TO SCALE

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825 5TH STREET
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ELECTRICAL DETAILS

DRAWING STATUS
CONSTRUCTION DOCUMENTS

REVISIONS

Sym.	Description	By	Date
▲	PLAN CHECK #1		3/8/2023

Drawn By	Author
Checked By	Checker
Date Drawn	12/02/2022
Scale	1/8" = 1'-0"
Job No.	17-6430.00

SHEET No.
E301

STATE OF CALIFORNIA
Indoor Lighting
 NRCC-LTI-E (Created 04/21) CALIFORNIA ENERGY COMMISSION NRCC-LTI-E

CERTIFICATE OF COMPLIANCE
 Project Name: Auditor-Controller Office Remodel Report Page: Page 3 of 7
 Project Address: 825 5th Street, Eureka, California 95501 Date Prepared: 12/06/2022

¹ FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per §140.6(a)(4) is adjusted to be 75% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.
² Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c) Wattage used must be the maximum rated for the luminaire, not the lamp.

G. MODULAR LIGHTING SYSTEMS
 This Section Does Not Apply

H. INDOOR LIGHTING CONTROLS (Not Including PAFs)
 Table Instructions: Please include lighting controls for conditioned and unconditioned spaces in this table. When an option having a * is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

01		02		03	
Mandatory Demand Response §110.12(c)		Shut-Off Controls §130.1(c)		Field Inspector	
Not Required ≤ 10,000 SF		See Area/Space Level Controls		Pass	Fail

04	05	06	07	08	09	10	11	12
Area Description	Complete Building or Area Category Primary Function Area	Area Controls §130.1(a)	Multi-Level Controls §130.1(b)	Shut-Off Controls §130.1(c)	Primary/Skylit Daylighting §130.1(d)	Secondary Daylighting §140.6(d)	Interlocked Systems §140.6(a)(1)	Field Inspector
		Manual ON/OFF	Dimmer	Occ. Sensor	NA	NA		Pass Fail
Office	Office (≤ 250 square feet)	Manual ON/OFF	Dimmer	Occ. Sensor	NA	NA		Pass Fail
Open office	Office (open)	Manual ON/OFF	Dimmer	Occ. Sensor	NA	NA		Pass Fail
Copy Room	Copy Room	Manual ON/OFF	Dimmer	Occ. Sensor	NA	NA		Pass Fail
Break Area	Lounge	Manual ON/OFF	Dimmer	Occ. Sensor	NA	NA		Pass Fail
Conference Room	Convention, Conference, Multipurpose, and Meeting Center	Manual ON/OFF	Dimmer	Occ. Sensor	NA	NA		Pass Fail

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> April 2021

STATE OF CALIFORNIA
Indoor Lighting
 NRCC-LTI-E (Created 04/21) CALIFORNIA ENERGY COMMISSION NRCC-LTI-E

CERTIFICATE OF COMPLIANCE
 Project Name: Auditor-Controller Office Remodel Report Page: Page 6 of 7
 Project Address: 825 5th Street, Eureka, California 95501 Date Prepared: 12/06/2022

NRCL-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.

U. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 Table Instructions: 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 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/atttcp/providers.html>

YES	NO	Form/Title	Field Inspector
			Pass Fail
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-LTI-05-A - Must be submitted for institutional tuning power adjustment factor (PAF).	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-ENV-03-F - Must be submitted for daylighting design power adjustment factors (PAF).	<input type="checkbox"/> <input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> April 2021

STATE OF CALIFORNIA
Indoor Lighting
 NRCC-LTI-E (Created 04/21) CALIFORNIA ENERGY COMMISSION NRCC-LTI-E

CERTIFICATE OF COMPLIANCE
 Project Name: Auditor-Controller Office Remodel Report Page: Page 2 of 7
 Project Address: 825 5th Street, Eureka, California 95501 Date Prepared: 12/06/2022

Controls Compliance (See Table H for Details) **COMPLIES**
Rated Power Reduction Compliance (See Table Q for Details) **Not Applicable**

D. EXCEPTIONAL CONDITIONS
 This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.
 No exceptional conditions apply to this project.

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

F. INDOOR LIGHTING FIXTURE SCHEDULE
 Table Instructions: Include all permanent designed lighting and all portable lighting in offices.
 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	Watts per luminaire ¹	How Wattage is determined	Total number luminaires	Exempt per §140.6(a)(3)	Design Watts	Field Inspector
									Pass Fail
1	EPANL4	<input type="checkbox"/>	<input type="checkbox"/>	29	Mfr. Spec ²	2	<input type="checkbox"/>	58	<input type="checkbox"/> <input type="checkbox"/>
2	EPANL4	<input type="checkbox"/>	<input type="checkbox"/>	38	Mfr. Spec ²	3	<input type="checkbox"/>	114	<input type="checkbox"/> <input type="checkbox"/>
3	EPANL4	<input type="checkbox"/>	<input type="checkbox"/>	45	Mfr. Spec ²	8	<input type="checkbox"/>	360	<input type="checkbox"/> <input type="checkbox"/>
4	EPANL4	<input type="checkbox"/>	<input type="checkbox"/>	50	Mfr. Spec ²	23	<input type="checkbox"/>	1,150	<input type="checkbox"/> <input type="checkbox"/>
5	B3SD_SQ	<input type="checkbox"/>	<input type="checkbox"/>	18.2	Mfr. Spec ²	8	<input type="checkbox"/>	145.6	<input type="checkbox"/> <input type="checkbox"/>
6	SL2L4	<input type="checkbox"/>	<input type="checkbox"/>	31.6	Mfr. Spec ²	8	<input type="checkbox"/>	252.8	<input type="checkbox"/> <input type="checkbox"/>
7	BRM9L	<input type="checkbox"/>	<input type="checkbox"/>	35	Mfr. Spec ²	1	<input type="checkbox"/>	35	<input type="checkbox"/> <input type="checkbox"/>
8	UCES	<input type="checkbox"/>	<input type="checkbox"/>	8.2	Mfr. Spec ²	8	<input type="checkbox"/>	65.6	<input type="checkbox"/> <input type="checkbox"/>
9	EV04	<input type="checkbox"/>	<input type="checkbox"/>	25.7	Mfr. Spec ²	3	<input type="checkbox"/>	77.1	<input type="checkbox"/> <input type="checkbox"/>
Total Designed Watts CONDITIONED SPACES:								2,258.1	

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> April 2021

STATE OF CALIFORNIA
Indoor Lighting
 NRCC-LTI-E (Created 04/21) CALIFORNIA ENERGY COMMISSION NRCC-LTI-E

CERTIFICATE OF COMPLIANCE
 Project Name: Auditor-Controller Office Remodel Report Page: Page 5 of 7
 Project Address: 825 5th Street, Eureka, California 95501 Date Prepared: 12/06/2022

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED ORNAMENTAL/SPECIAL EFFECTS
 This Section Does Not Apply

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE
 This Section Does Not Apply

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))
 This Section Does Not Apply

Q. RATED POWER REDUCTION COMPLIANCE FOR ALTERATIONS
 This Section Does Not Apply

R. 80% LIGHTING POWER FOR ALTERATIONS - CONTROLS EXCEPTIONS
 This Section Does Not Apply

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)
 This Section Does Not Apply

T. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Table Instructions: 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://www2.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCL/

YES	NO	Form/Title	Field Inspector
			Pass Fail
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCL-LTI-01-E - Must be submitted for all buildings	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCL-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCL-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCL-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	<input type="checkbox"/> <input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> April 2021

STATE OF CALIFORNIA
Indoor Lighting
 NRCC-LTI-E (Created 04/21) CALIFORNIA ENERGY COMMISSION NRCC-LTI-E

CERTIFICATE OF COMPLIANCE
 Project Name: Auditor-Controller Office Remodel Report Page: Page 1 of 7
 Project Address: 825 5th Street, Eureka, California 95501 Date Prepared: 12/06/2022

A. GENERAL INFORMATION

01 Project Location (city)	Eureka	04 Total Conditioned Floor Area (ft ²)	3,422
02 Climate Zone	1	05 Total Unconditioned Floor Area (ft ²)	
03 Occupancy Types Within Project (select all that apply):		06 # of Stories (Habitable Above Grade)	5
<input checked="" type="checkbox"/> Office <input type="checkbox"/> Retail <input type="checkbox"/> Warehouse <input type="checkbox"/> Hotel/Motel <input type="checkbox"/> School <input type="checkbox"/> Support Areas		<input type="checkbox"/> Parking Garage <input type="checkbox"/> High-Rise Residential <input type="checkbox"/> Relocatable <input type="checkbox"/> Healthcare <input type="checkbox"/> Other (write in):	

B. PROJECT SCOPE
 Table Instructions: Include any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 or §141.0(b)(2) for alterations. WARNING: Changing the Calculation Method in this table will result in the deletion of data previously input. If you need to change the calculation method, please open a new form or use "Save As".

Scope of Work	Conditioned Spaces	Unconditioned Spaces		
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft ²)	Calculation Method	Area (ft ²)
<input type="checkbox"/> New Lighting System				
<input checked="" type="checkbox"/> Altered Lighting System	Area Category	3,422	Area Category	0
Total Area of Work (ft²)		3,422		

C. COMPLIANCE RESULTS
 Table Instructions: 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).	Allowed Lighting Power per §140.6(b) (Watts)				Adjusted Lighting Power per §140.6(a) (Watts)	Compliance Results
	01	02	03	04		
Complete Building §140.6(c)(1)	Area Category §140.6(c)(2)	Area Category Additional §140.6(c)(2)(+)	Tailored §140.6(c)(3)(+)	Total Allowed (Watts)	Total Designed (Watts)	05 Must be ≥ 08
(See Table I)	(See Table I)	(See Table J)	(See Table K)	2,283.25	(See Table F) (See Table P)	2,258.1
Conditioned:	2,283.25	0		2,283.25	2,258.1	COMPLIES
Unconditioned:						

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> April 2021

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CERTIFICATE OF COMPLIANCE
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 Project Address: 825 5th Street, Eureka, California 95501 Date Prepared: 12/06/2022

NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
 EX: Conference 1: Primary/Skylight Daylighting: Exempt because less than 120 watts of general lighting;

	13
	Plan Sheet Showing Daylit Zones:

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS
 Table Instructions: Complete the table for each area complying using the Complete Building or Area Category Methods per §140.6(b). Indicate 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	
						Additional Allowances / Adjustment	PAF
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft ²)	Area (ft ²)	Allowed Wattage (Watts)	Additional Allowances / Adjustment	PAF	
Office	Office (≤ 250 square feet)	0.7	793	555.1			
Open Office	Office (open)	0.6	2,192	1,315.2			
Copy Room	Copy Room	0.5	133	66.5			
Break Room	Lounge	0.65	227	147.55			
Conference Room	Convention, Conference, Multipurpose, and Meeting Center	0.85	234	198.9			
TOTAL:				3,579	2,283.25	See Tables J or P for detail	

J. ADDITIONAL LIGHTING ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM
 Table Instructions: Please complete the table for all areas indicated in Table I as using an additional allowance per the Area Category Method in Table 140.6-C.

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE
 This Section Does Not Apply

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY
 This Section Does Not Apply

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING
 This Section Does Not Apply

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> April 2021

STATE OF CALIFORNIA
Indoor Lighting
 NRCC-LTI-E (Created 04/21) CALIFORNIA ENERGY COMMISSION NRCC-LTI-E

CERTIFICATE OF COMPLIANCE
 Project Name: Auditor-Controller Office Remodel Report Page: Page 7 of 7
 Project Address: 825 5th Street, Eureka, California 95501 Date Prepared: 12/06/2022

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete

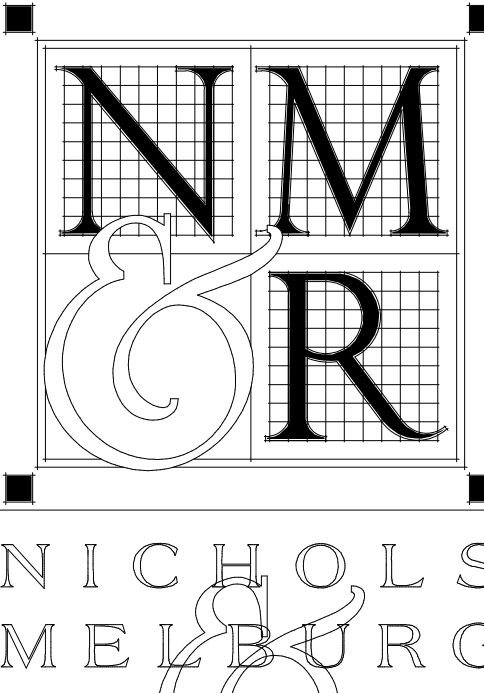
Documentation Author Name: Chris Abrahamson
 Documentation Author Signature: *Chris Abrahamson*
 Company: Frontier Consulting Engineers, Inc.
 Address: 2727 Bechelli Lane
 City/State/Zip: Redding, CA, 96002
 Signature Date: 12/06/2022
 CEA/HERS Certification Identification (if applicable):
 Phone: (530) 232-6160

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and 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 provides to the building owner at occupancy.

Responsible Designer Name: Chris Abrahamson
 Responsible Designer Signature: *Chris Abrahamson*
 Company: Frontier Consulting Engineers, Inc.
 Address: 2727 Bechelli Lane
 City/State/Zip: Redding, CA, 96002
 Date Signed: 12/06/2022
 License: E12726
 Phone: (530) 232-6160


CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> April 2021

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CONSULTANTS



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LICENSE STAMPS



PROJECT NAME
HUMBOLDT COUNTY

AUDITOR-CONTROLLER OFFICE REMODEL

825 5TH STREET
 EUREKA, CALIFORNIA

SHEET TITLE
TITLE 24 COMPLIANCE FORMS

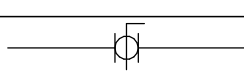
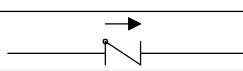
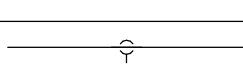
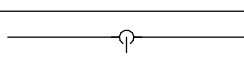
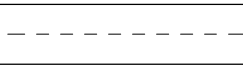
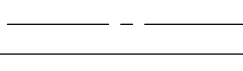
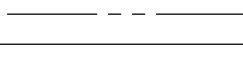
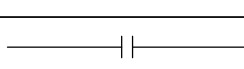


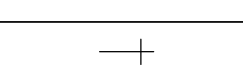
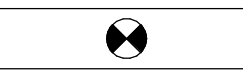
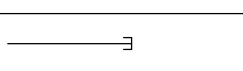
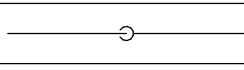
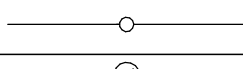
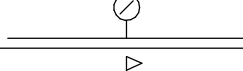
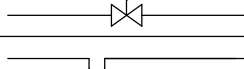
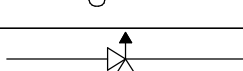
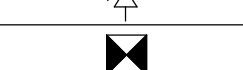
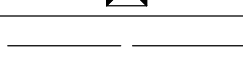
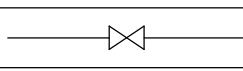
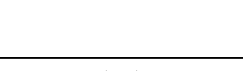
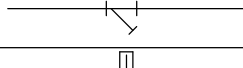
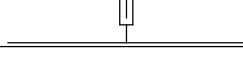
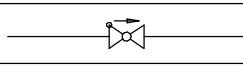
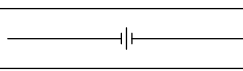
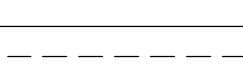

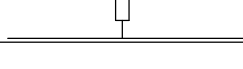
DRAWING STATUS
CONSTRUCTION DOCUMENTS

REVISIONS

Sym.	Description	By	Date

Drawn By	Author
Checked By	Checker
Date Drawn	12/02/2022
Scale	
Job No.	17-6430.00

SHEET No.
E500

PLUMBING LEGEND		
SYMBOLS	ABBREVIATIONS	
	ABC	ABOVE CEILING
	BFP	BACKFLOW PREVENTER
		BALL VALVE
	BG	BELOW GRADE
	BS	BELOW SLAB
		CHECK VALVE
	CW	COLD WATER SUPPLY
	CD	CONDENSATE DRAIN
	CDO	CONDENSATE DRAIN OVERFLOW
		CONNECTION TO BOTTOM OF PIPE
		CONNECTION TO TOP OF PIPE
	D	DEMO
		DOMESTIC COLD WATER
		DOMESTIC HOT WATER
	DN	DOWN
	DIW	DOWN IN WALL
	E, EX	EXISTING
		FLANGE
	FCO	FLOOR CLEAN OUT
	FD	FLOOR DRAIN
	FS	FLOOR SINK
	GSM	GALVANIZED SHEET METAL
	GCO	GRADE CLEAN OUT
	GW	GREASE WASTE
	HB	HOSE BIB
	HW	HOT WATER SUPPLY
	HWR	HOT WATER RECIRC
	N	NEW
		NEW CONNECTION TO EXISTING
	OH	OVERHEAD
		PIPE CAP
		PIPE TURNED DOWN
		PIPE TURNED UP
		PRESSURE GAUGE
		PRESSURE REGULATOR
		P-TRAP
		RELIEF VALVE
		REMOVE TO THIS POINT
	SS	SANITARY SEWAGE (BELOW GRADE)
	SOV	SHUT-OFF VALVE
	SK	SINK
		STRAINER
		THERMOMETER
	TMV	THERMOSTATIC VALVE
	TP	TRAP PRIMER
		TRIPLE DUTY VALVE
	UG	UNDERGROUND
		UNION
	UIW	UP IN WALL
	UR	URINAL
	V	VENT
	VTR	VENT TO ROOF
	WC	WATER CLOSET
	WHA	WATER HAMMER ARRESTER
	WCO	WALL CLEANOUT

PLUMBING FIXTURE SCHEDULE					
ID	Make	Model No.	Description	Mounting	Material
SK-1	JUST	SL-ADA-2119-A-GR	STAINLESS STEEL DROP-IN SINK, ADA COMPLIANT, WITH FAUCET LEDGE, 18 GA STAINLESS STEEL, 4" CENTERS, CHICAGO 786-E35-369ABCP FAUCET, 5-1/4" GOOSENECK WITH LEVER HANDLES, 1.5 GPM OUTLET, WITH UNDER-COUNTER MIXING VALVE, WATTS LFUSG. DIMENSIONS: 21x19x6-1/2" DEEP.	COUNTER	18 GA SS

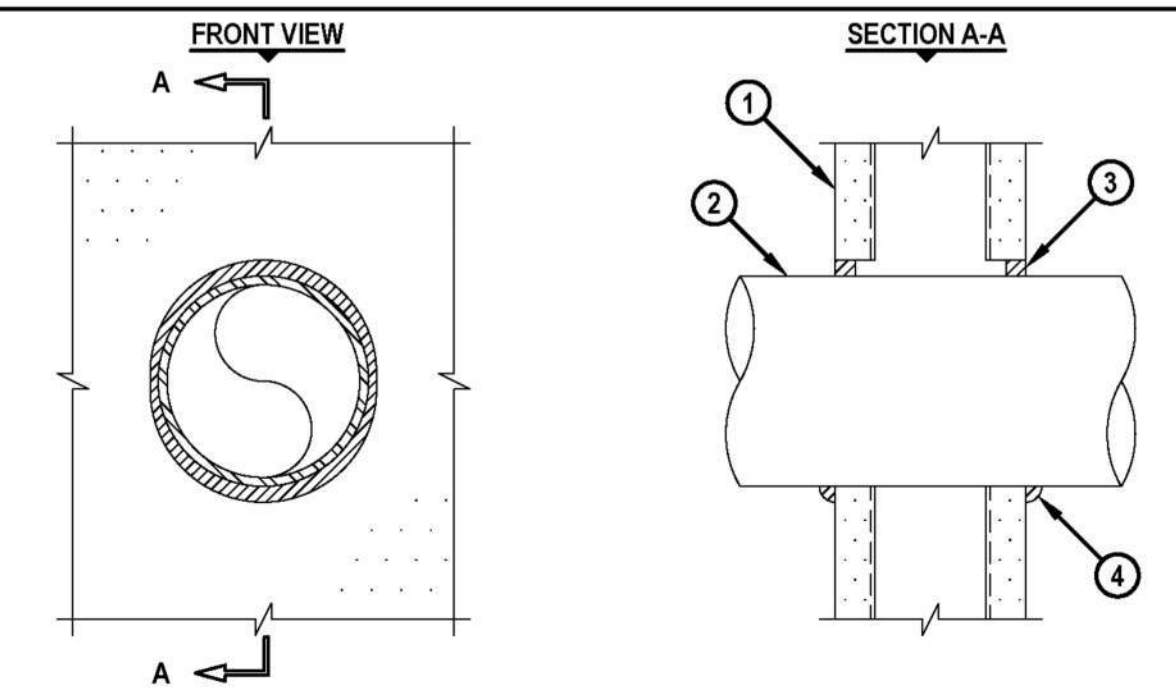
PLUMBING FIXTURE CONNECTION SCHEDULE						
ID	Description	Accessible	Connection Size (Inches)			
			Waste	Vent	CW	HW
SK-1	SINK	YES	2"	1 1/2"	1/2"	1/2"

PIPING MATERIALS SCHEDULE				
Service	Location	Size	Material	Notes
WASTE & VENT	INTERIOR, AFF	ALL	STANDARD WEIGHT HUBLESS CAST IRON	SLOPED AT 1/4" PER FOOT
	INTERIOR, BELOW SLAB		STANDARD WEIGHT HUBLESS CAST IRON	
CW / HW	INTERIOR, ABOVE GROUND	ALL	TYPE "L" COPPER	PEX PIPING NOT ACCEPTABLE; INSULATE PER SECTION 22 00 00
	INTERIOR, BELOW SLAB	ALL	TYPE "K" COPPER	

ENGINEERING JUDGMENT FIRESTOP DETAIL THIS ENGINEERING JUDGMENT REPRESENTS A FIRESTOP SYSTEM THAT WOULD BE EXPECTED TO PASS THE STATED RATINGS IF TESTED

PROJECT: HCC - CONTROLLER-AUDITOR
ADDRESS: 825 5TH STREET, EUREKA, CA 95501
ISSUED TO: NMR

Ratings: F-RATING = 1-HR. OR 2-HR. (SEE NOTE NO. 4 BELOW)



1. PLASTER AND LATH WALL ASSEMBLY (MIN. 3-1/2" WIDE STEEL STUDS) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN), MINIMUM PLASTER THICKNESS: 5/8" (FOR 1-HR.) OR 1-1/4" (FOR 2-HR.).

2. PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
A. MAXIMUM 4" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER),
B. MAXIMUM 4" NOMINAL DIAMETER CAST IRON PIPE,
C. MAXIMUM 4" NOMINAL DIAMETER COPPER PIPE,
D. MAXIMUM 4" NOMINAL DIAMETER STEEL CONDUIT,
E. MAXIMUM 4" NOMINAL DIAMETER EMT.

3. MINIMUM 5/8" DEPTH HILTI CP 606 FLEXIBLE FIRESTOP SEALANT.

4. MINIMUM 1/2" BEAD HILTI CP 606 FLEXIBLE FIRESTOP SEALANT APPLIED AT POINT OF CONTACT.

NOTES: 1. MAXIMUM DIAMETER OF OPENING = 5".
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 1/2".
3. PIPE MAY BE INSTALLED WITH CONTINUOUS POINT OF CONTACT FOR ITEMS 3A, 3B, 3D, AND 3E FOR PIPE DIAMETER OF NOMINAL 4" AND SMALLER.
4. FIRE-RATING OF ASSEMBLY IS DEPENDENT UPON THE PERFORMANCE OF WALL ASSEMBLY UNDER FIRE CONDITIONS.

Referenced Tested Systems (REFERENCE: UL/LUL SYSTEM NO. W-L-1290) Project Application Details CS0149641
Applicable Test Method UL 1479

HILTI Firestop Systems HILTI, Inc. Plano, Texas USA (800) 879-8000 Sheet 1 of 2 Drawing No. 584309a
Designed by Hilti FFE Tyler Thomas DS Date Feb. 20, 2023

ENGINEERING JUDGMENT FIRESTOP DETAIL THIS ENGINEERING JUDGMENT REPRESENTS A FIRESTOP SYSTEM THAT WOULD BE EXPECTED TO PASS THE STATED RATINGS IF TESTED

PROJECT: HCC - CONTROLLER-AUDITOR
ADDRESS: 825 5TH STREET, EUREKA, CA 95501
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Ratings: F-RATING = 1-HR. OR 2-HR. (SEE NOTE NO. 4 BELOW)

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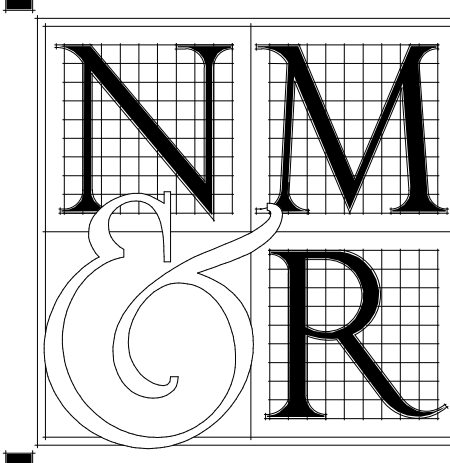
NOTES: 1. MAXIMUM DIAMETER OF OPENING = 5".
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Referenced Tested Systems (REFERENCE: UL/LUL SYSTEM NO. W-L-1290) Project Application Details CS0149641
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HILTI Firestop Systems HILTI, Inc. Plano, Texas USA (800) 879-8000 Sheet 2 of 2 Drawing No. 584309a
Designed by Hilti FFE Tyler Thomas DS Date Feb. 20, 2023

1 PIPING PENETRATION DETAIL
P100 NOT TO SCALE

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PROJECT NAME
HUMBOLDT COUNTY

AUDITOR-CONTROLLER OFFICE REMODEL

825 5TH STREET
EUREKA, CALIFORNIA

SHEET TITLE
PLUMBING LEGEND AND SCHEDULES

DRAWING STATUS
CONSTRUCTION DOCUMENTS

REVISIONS

Sym.	Description	By	Date
▲	PLAN CHECK #1		3/8/2023

Drawn By	MB
Checked By	BA
Date Drawn	12/02/2022
Scale	1/8" = 1'-0"
Job No.	17-6430.00

SHEET No.
P100

FIRE RATED WALL
 1-HR RATED WALL

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LICENSE STAMPS


PROJECT NAME
HUMBOLDT COUNTY
AUDITOR-CONTROLLER OFFICE REMODEL

825 5TH STREET
 EUREKA, CALIFORNIA
 SHEET TITLE
PLUMBING FLOOR PLAN

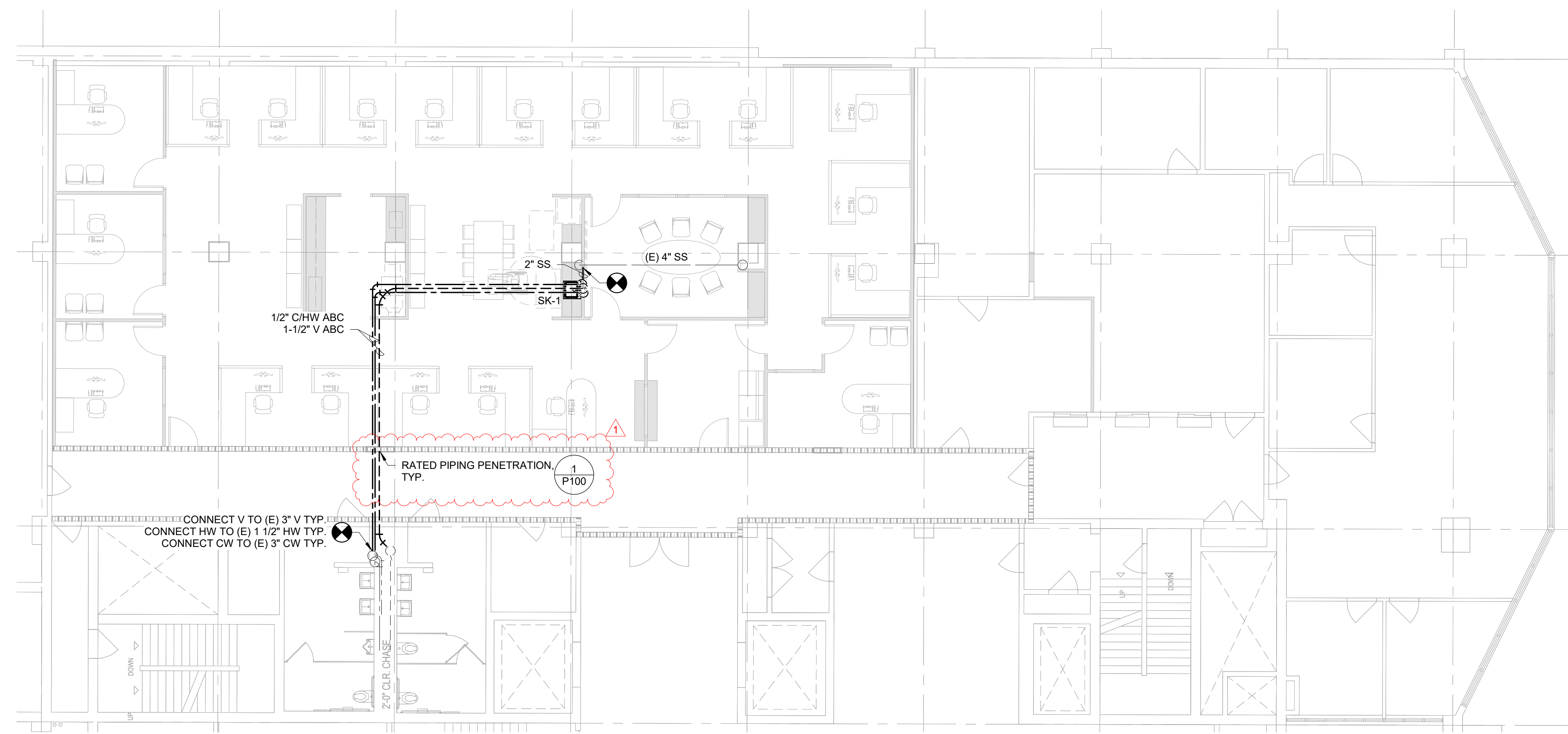
DRAWING STATUS
CONSTRUCTION DOCUMENTS

REVISIONS

Sym.	Description	By	Date
▲	PLAN CHECK #1		3/8/2023

Drawn By	MB
Checked By	BA
Date Drawn	12/02/2022
Scale	1/8" = 1'-0"
Job No.	17-6430.00

SHEET No.
P200



1 PLUMBING FLOOR PLAN
 P200 1/8" = 1'-0" 