

## SHEET NOTES

- THESE DEMOLITION NOTES REFER TO ALL ELECTRICAL SHEETS WHERE DEMOLITION WORK IS BEING CARRIED OUT.
- CONTRACTOR SHALL VISIT AND MAKE HIMSELF THOROUGHLY FAMILIAR WITH THE EXISTING CONDITIONS AND VERIFY THE EXISTING SITE CONDITIONS PRIOR TO BIDDING.
- DEMOLITION DEVICES/EQUIPMENT SHOWN ARE OBTAINED FROM VISUAL INSPECTION OF THE PROJECT SITE. CONTRACTOR SHALL FIELD VERIFY EXISTING DEVICES AT WALL/CEILING/ATTIC SPACES/DUCT (SUPPLY/RETURN) AND REMOVE AS PART OF THE DEMOLITION WORK.
- INFORMATION GIVEN ON THE DRAWINGS ABOUT EXISTING INSTALLATIONS HAS BEEN OBTAINED FROM THE AS-BUILT DRAWINGS BUT CANNOT BE GUARANTEED ACCURATE IN ALL RESPECTS. VERIFY ALL SUCH INFORMATION BEFORE PROCEEDING WITH ANY NEW WORK THAT MAY BE AFFECTED. INCLUDE AS PART OF THE CONTRACT ALL WORK REQUIRED TO PRODUCE THE INDICATED RESULT.
- CHECK PANEL SCHEDULE IDENTIFICATION FOR VALIDITY. RE-IDENTIFY ANY OR ALL CHANGES IN PANEL ON PANEL SCHEDULE CARD (INCLUDING EXISTING CIRCUITRY). WHILE PANEL COVER IS REMOVED, TURN OFF ANY SPARE BREAKERS AND VERIFY SPARES AS INDICATED ON PANEL SCHEDULE CARD.
- UNLESS OTHERWISE NOTED ON DRAWINGS ALL EXISTING WIRING, CONDUITS, BOXES, FIXTURES AND OTHER ELECTRICAL SYSTEM IN AREAS WHERE NEW WORK OCCURS SHALL BE REMOVED, EXCEPT WHEN SUCH ITEMS ARE REQUIRED TO MAINTAIN SERVICES TO OTHER AREAS. FIXTURES OR DEVICES, IN SUCH CASES CONTRACTOR SHALL PROVIDE HOMERUN CONDUIT AND WIRING WHERE REQUIRED TO ACCOMMODATE THESE AREAS, FIXTURES OR DEVICES. CONTRACTOR SHALL REMOVE ANY EXISTING ITEMS, WHEN SUCH ITEM IS CONCEALED AND DOES NOT INTERFERE WITH NEW WORK. CONTRACTOR TO VERIFY WITH OWNER AND DISPOSE ALL REMOVED DEVICES AND EQUIPMENT AS DIRECTED. CONTRACTOR TO FIELD VERIFY (E)DEVICES AND REMOVE COMPLETELY.
- PROVIDE CIRCUIT IDENTIFICATION TO EXISTING DEVICES WHICH WILL REMAIN AFTER NEW WORK.
- PROVIDE BLANK COVER PLATES TO REMOVED DEVICES. STAINLESS STEEL OR AS SELECTED BY OWNER. TYPICAL U.O.N.
- ALL WORK REQUIRED TO CHANGE THE EXISTING ELECTRICAL INSTALLATION AS INDICATED SHALL BE PROVIDED.
- REMOVE ALL EXISTING LIGHT FIXTURES, MISCELLANEOUS CONDUIT AND WIRES THAT INTERFERE WITH NEW CONSTRUCTION EXTEND AND RECONNECT ANY INTERRUPTED CIRCUITS TO OTHER EXISTING FIXTURES WHICH REMAIN. THE CONTRACTOR SHALL INCLUDE ALL COST AS PART OF THE CONTRACT FOR ALL NECESSARY WORK REQUIRED.
- WHEN CEILING SUSPENSION SYSTEMS, EQUIPMENT'S SUPPORT SYSTEM, LIGHTING FIXTURES, J-BOXES, OR OTHER ITEMS MUST BE REMOVED TO PERFORM THE WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BROKEN OR DAMAGED ITEMS, INCLUDING PATCHING WALLS AND PAINTING AS REQUIRED, TO BRING THE AREA TO ITS ORIGINAL CONDITION. CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY BROKEN/DAMAGED CEILING TILES DURING CONSTRUCTION. CONTRACTOR TO DOCUMENT EXISTING CONDITIONS WITH DIGITAL PICTURES PRIOR TO START WORK, FAILURE TO DOCUMENT EXISTING CONDITIONS CONTRACTOR ASSUMES TOTAL RESPONSIBILITY OF REPLACING DAMAGED CEILING TILES. REPLACED CEILING TILES SHALL MATCH EXISTING BY COLOR/TYPER/STYLE.
- EXISTING CONDUIT MAY BE REUSED FOR NEW WORK WHERE SUITABLE. EXTEND CONDUIT AT NEW DEVICE LOCATIONS AS REQUIRED.
- UNLESS SPECIFICALLY INDICATED OTHERWISE, ALL ELECTRICAL MATERIALS AND EQUIPMENT REMOVED FROM THE EXISTING INSTALLATIONS SHALL BE DISPOSED OF OFF SITE.
- ALL ABANDONED WIRING INCLUDING RACEWAYS SHALL BE REMOVED COMPLETELY BACK TO THE SOURCE; CAPPING OFF STUBS THAT MAY REMAIN.
- ASSOCIATED CIRCUITRY IS DEFINED AS ALL WIRES, CONDUIT, JUNCTION BOXES, WIRING DEVICES, DEVICE BOXES, DISCONNECT SWITCH, ETC. ASSOCIATED WITH THE ITEM SCHEDULED FOR REMOVAL.
- ITEM REQUIRING EXTENSION OF CIRCUITRY, SHALL HAVE THEIR WIRE AND CONDUIT ROUTED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE USE OR AESTHETICS OF ANY AREA IN WHICH IT IS ROUTED.
- UNLESS OTHERWISE NOTED, ALL ITEMS SCHEDULED FOR DEMOLITION SHALL HAVE THEIR ASSOCIATED CIRCUITRY REMOVED BACK TO THE PANELBOARD. THE PROTECTIVE DEVICE SHALL REMAIN IN PLACE AND BE RECONNECTED FOR NEW CIRCUITRY OR BECOME SPARES.
- ANY EXISTING DEVICES, LIGHTING, OR EQUIPMENT THAT IS NOT DOCUMENTED OR IS NOT SHOWN AS BEING DEMOLISHED SHALL BE EXISTING TO REMAIN AND RECONNECTED AFTER WORK IS DONE TO MAINTAIN CONTINUITY IN THE CIRCUIT FEEDING IT.

## KEYNOTES

- CONTRACTOR IS TO DEMO WALL RECEPTACLES WITHIN THIS HATCHED AREA. CONTRACTOR IS TO PULL CONDUCTORS BACK TO NEAREST JUNCTION BOX FOR USE AT NEW LOCATION. REFER TO REMODEL PLAN FOR NEW RECEPTACLE LAYOUT. ALL POWER DEVICES OUTSIDE OF THIS HATCHED AREA IS TO REMAIN OPERATIONAL.
- CONTRACTOR IS TO DEMO LIGHT FIXTURES AND LIGHT SWITCH WITHIN THIS HATCH AREA. CONTRACTOR IS TO PULL CONDUCTORS BACK TO NEAREST JUNCTION BOX FOR USE AT NEW LOCATION. REFER TO REMODEL PLAN FOR NEW LIGHTING LAYOUT AND SWITCH LOCATIONS. ALL LIGHTING FIXTURES ASSOCIATED LIGHT SWITCHES OUTSIDE OF THIS HATCHED AREA IS TO REMAIN OPERATIONAL.

AUTHORITY APPROVAL: IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 04-121721 INC.  
 REVIEWED FOR:  SS  FLS  ACS   
 DATE: 05/10/2023

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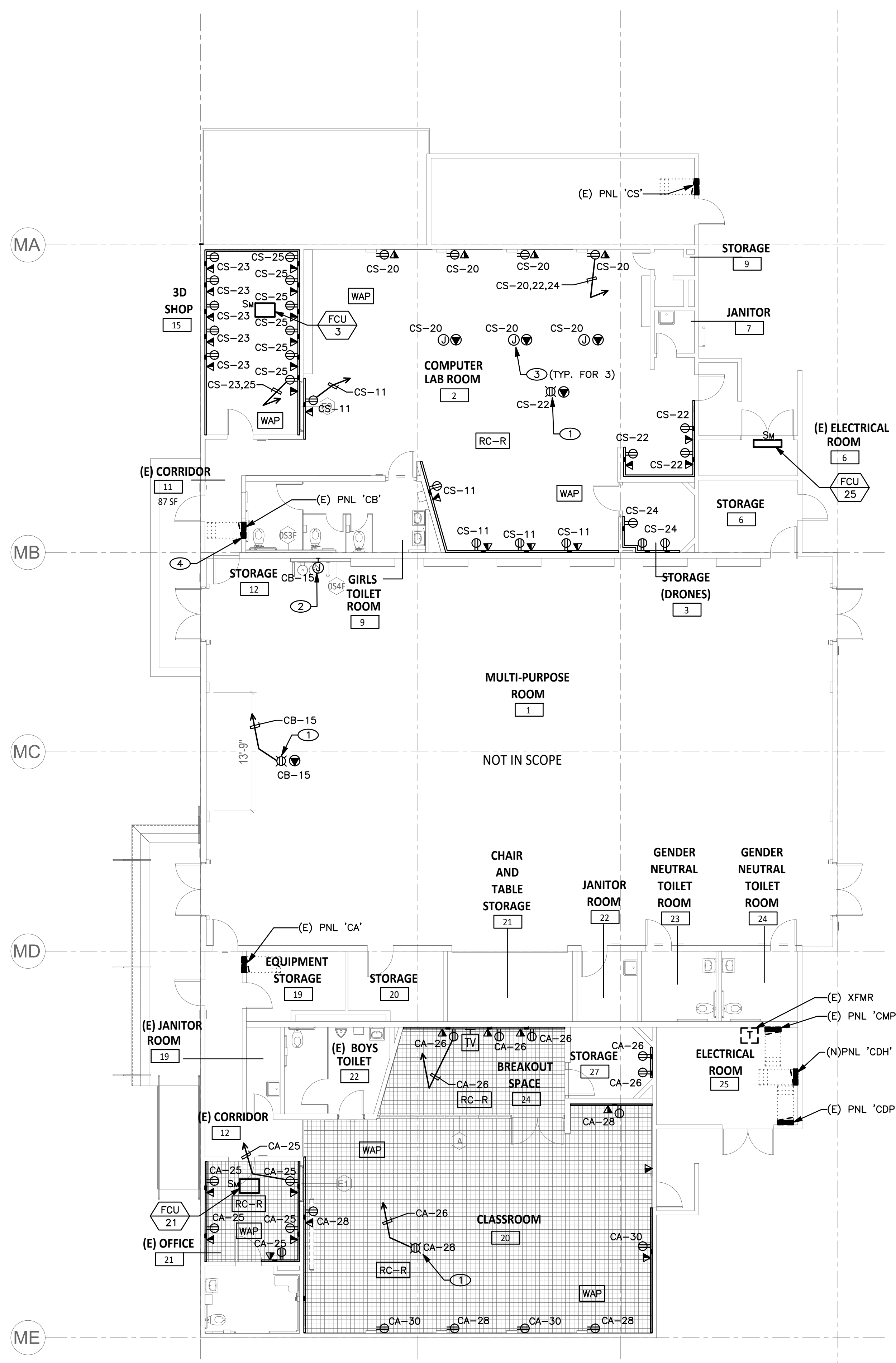
PROJECT NAME:  
**CORONA FUNDAMENTAL INTERMEDIATE SCHOOL - MPR RENOVATION**  
 1230 S Main St, Corona, CA 92882

| MARK | DATE       | DESCRIPTION    |
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|      | 12/19/2022 | DSA SUBMITTAL  |
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PROJECT NO: **22063.01**

SHEET TITLE:  
**ELECTRICAL DEMOLITION PLAN**

SHEET NO.:  
**E-101D**



### SHEET NOTES

1. EXISTING INFORMATION SHOWN IS BASED ON CURSORY FIELD SURVEY AND IS PROVIDED FOR REFERENCE ONLY. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. COORDINATE WITH OWNER'S REPRESENTATIVE FOR SCHEDULING CUTOVERS, ENERGIZING EQUIPMENT AND TEMPORARY POWER INTERRUPTIONS THAT ARE REQUIRED FOR THESE TASKS. SUBMIT METHOD OF PROCEDURES (MOP) FOR OWNER AND ENGINEERS' REVIEW AND APPROVAL (30) WORKING DAYS PRIOR TO TASK SCHEDULES.
3. CONTRACTOR SHALL MAINTAIN CIRCUIT CONTINUITY TO ALL EXISTING DEVICES AND EQUIPMENT TO REMAIN.
4. REFER TO SINGLE LINE DIAGRAM ON SHEET E-002 FOR ADDITIONAL INFORMATION.
5. ALL EXISTING SWITCHGEAR, ATS, GENERATOR, CIRCUIT BREAKERS, OTHER ELECTRICAL EQUIPMENT, CONDUITS AND WIRING TO REMAIN ARE INDICATED WITH LIGHT LINES. ALL EQUIPMENT TO BE DEMOLISHED ARE INDICATED WITH HATCH MARKS. ALL NEW EQUIPMENT IS SHOWN WITH HEAVY LINES.

### KEYNOTES

- ① PROVIDE AND INSTALL CEILING MOUNTED RECEPTACLE FOR CONNECTION TO PROJECTOR. COORDINATE FINAL LOCATIONS WITH ARCHITECTURAL DRAWINGS.
- ② PROVIDE AND INSTALL JUNCTION BOX FOR CONNECTION TO DRINKING FOUNTAIN. VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER.
- ③ PROVIDE AND INSTALL CEILING MOUNTED JUNCTION BOX FOR RETRACTABLE CORDS. VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER. COORDINATE FINAL LOCATIONS WITH ARCHITECTURAL DRAWINGS.
- ④ RELOCATE EXISTING ELECTRICAL PANEL IN STORAGE ROOM TO THE OPPOSITE SIDE OF THE WALL. RECONNECT ALL EXISTING CIRCUITS AND FEEDERS.

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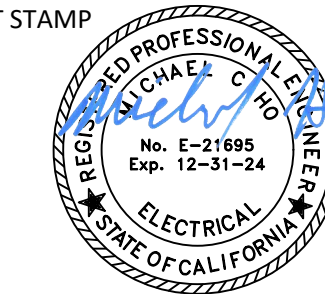
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PROJECT NAME:

CORONA FUNDAMENTAL  
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1230 S Main St, Corona, CA 92882

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PROJECT NO.: **22063.01**

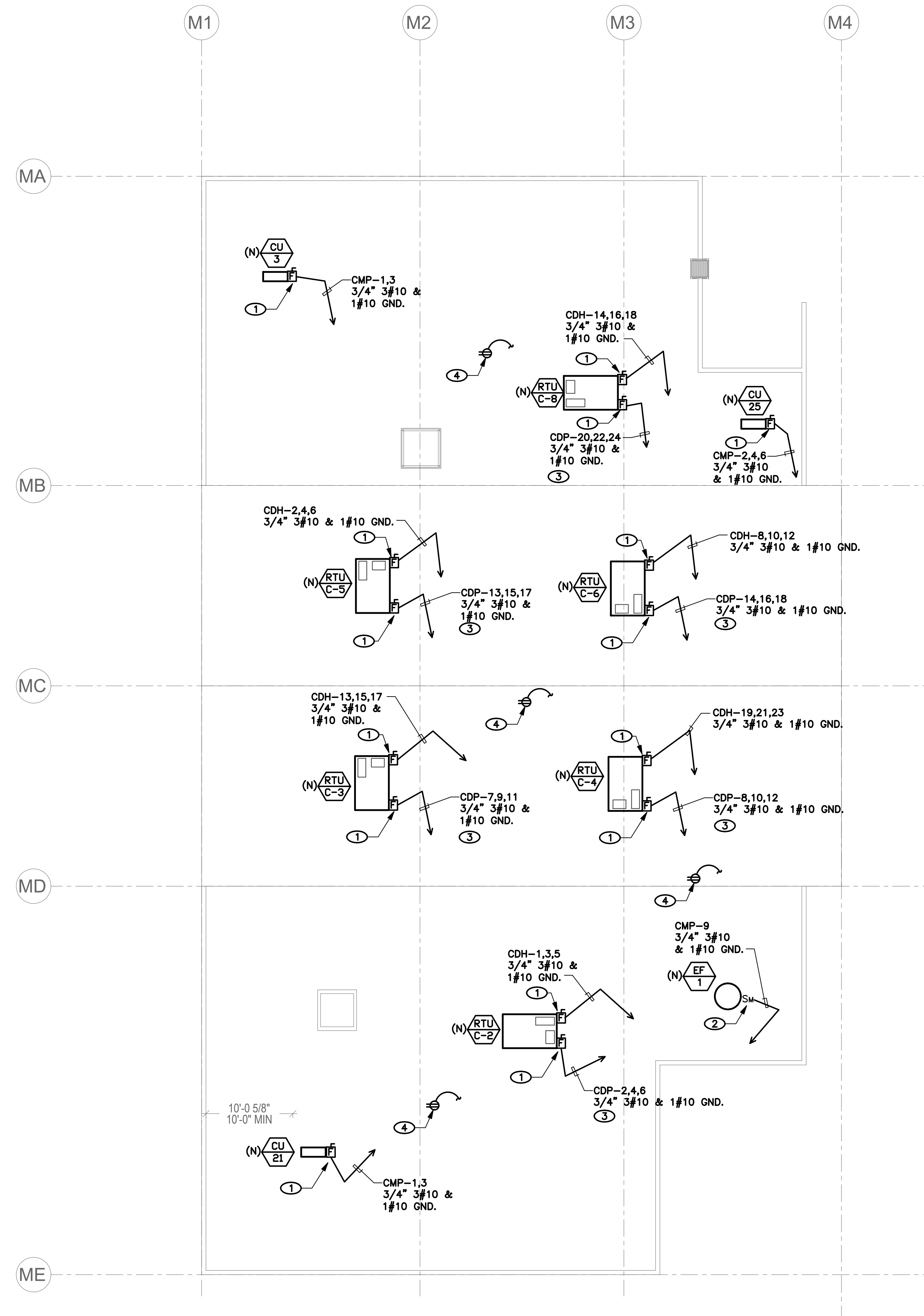
SHEET TITLE:

**POWER PLAN**

SHEET NO.:

**E-101**

POWER PLAN **1**  
 SCALE: 1/8" = 1'-0"



**SHEET NOTES**

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- 2. COORDINATE WITH OWNER'S REPRESENTATIVE FOR SCHEDULING CUTOVERS, ENERGIZING EQUIPMENT AND TEMPORARY POWER INTERRUPTIONS THAT ARE REQUIRED FOR THESE TASKS. SUBMIT METHOD OF PROCEDURES (MOP) FOR OWNER AND ENGINEERS' REVIEW AND APPROVAL (30) WORKING DAYS PRIOR TO TASK SCHEDULES.
- 3. CONTRACTOR SHALL MAINTAIN CIRCUIT CONTINUITY TO ALL EXISTING DEVICES AND EQUIPMENT TO REMAIN.
- 4. REFER TO SINGLE LINE DIAGRAM ON SHEET E-002 FOR ADDITIONAL INFORMATION.
- 5. ALL EXISTING SWITCHGEAR, ATS, GENERATOR, CIRCUIT BREAKERS, OTHER ELECTRICAL EQUIPMENT, CONDUITS AND WIRING TO REMAIN ARE INDICATED WITH LIGHT LINES. ALL EQUIPMENT TO BE DEMOLISHED ARE INDICATED WITH HATCH MARKS. ALL NEW EQUIPMENT IS SHOWN WITH HEAVY LINES.

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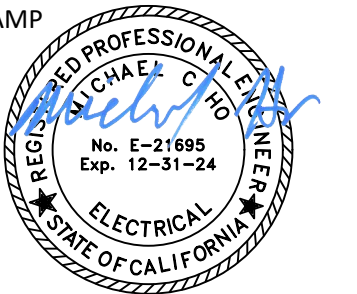
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PROJECT NAME:

**CORONA FUNDAMENTAL  
 INTERMEDIATE SCHOOL - MPR  
 RENOVATION**

1230 S Main St, Corona, CA 92882

**KEYNOTES**

- ① PROVIDE AND INSTALL 30A 3P WEATHERPROOF NEMA 3R RATED FUSED DISCONNECT. FUSING PER MECHANICAL EQUIPMENT MANUFACTURER'S REQUIREMENTS. VERIFY EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL CONTRACTOR.
- ② PROVIDE AND INSTALL WEATHERPROOF NEMA 3R RATED SNAP SWITCH. VERIFY EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL CONTRACTOR.
- ③ INTERCEPT EXISTING HVAC CONDUIT/CONDUCTORS AND EXTEND TO NEW MECHANICAL UNIT LOCATION. PROVIDE ALL NECESSARY SPLICE BOXES, MOUNTING HARDWARE, ETC. FOR COMPLETE CONNECTION.
- ④ PROVIDE WEATHERPROOF GFCI SERVICE RECEPTACLE AS REQUIRED WITHIN 25'-0" OF MECHANICAL EQUIPMENT. IF ONE IS NOT ALREADY INSTALLED, INTERCEPT EXISTING ROOF RECEPTACLE CONDUIT/CONDUCTORS AND EXTEND TO NEW ROOF RECEPTACLE. PROVIDE ALL NECESSARY SPLICE BOXES.

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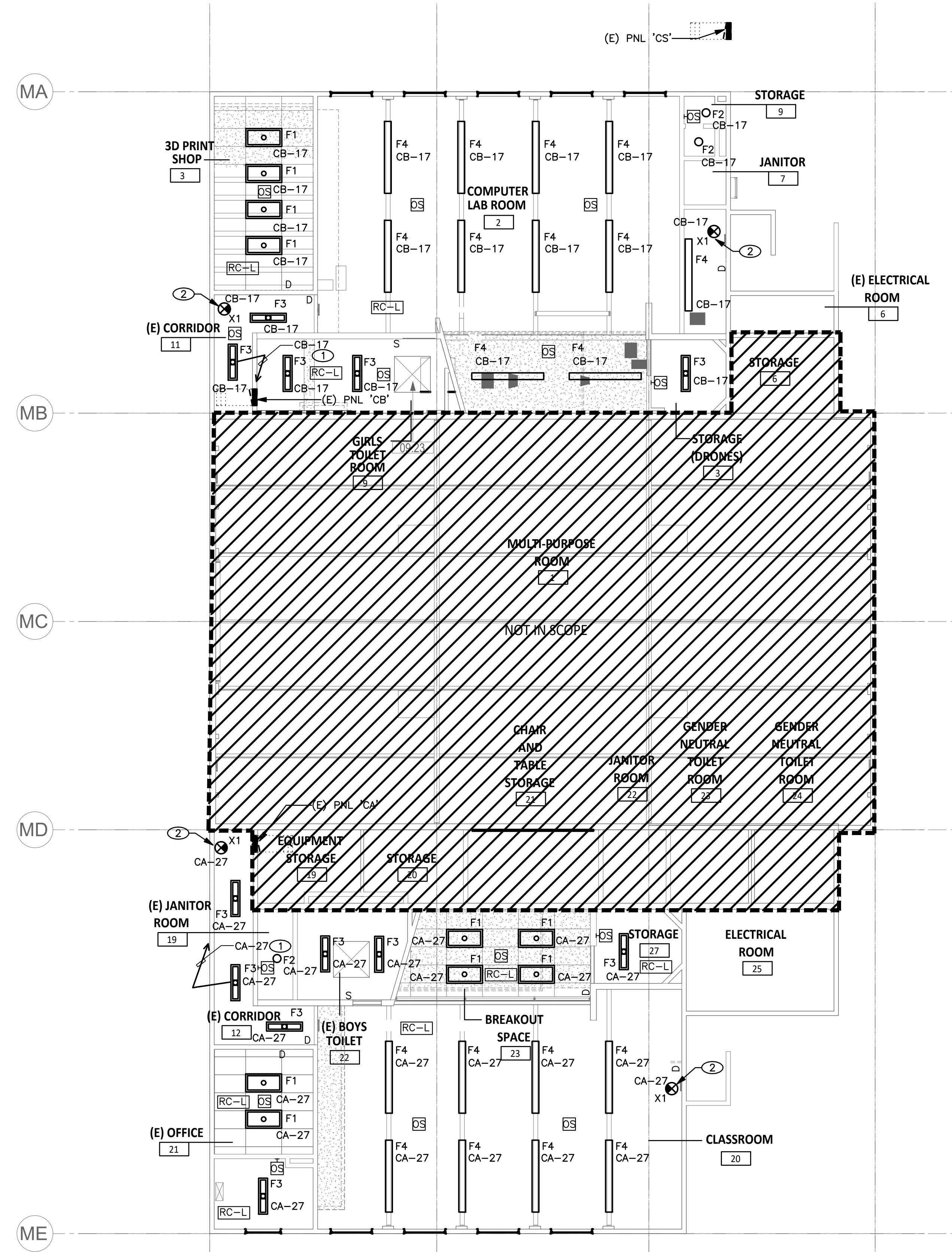
PROJECT NO.: 22063.01

SHEET TITLE:  
**ROOF PLAN**

SHEET NO.:  
**E-102**

**ELECTRICAL ROOF PLAN** ①  
 SCALE: 1/8" = 1'-0"

| LIGHTING FIXTURE SCHEDULE |        |  |            |       |       |                     |  |                                 |
|---------------------------|--------|--|------------|-------|-------|---------------------|--|---------------------------------|
| TYPE                      | SYMBOL | DESCRIPTION  | INPUT (VA) | LAMPS |       | APPROX WEIGHT (LBS) | MANUFACTURER & CATALOG NO.   | NOTES                           |
|                           |        |  |            | NO.   | WATTS |                     |  |                                 |
| F1                        |        | 2' X 4' RECESSED LED LIGHT FIXTURE WITH 0-10V DIMMING DRIVER                                   | 23         |       | LED   | 22                  | LITHONIA #ZBLT4-30L-ADP-G210-LP835                                   | SEE DETAIL 1/E-201 AND 15/A-561 |
| F2                        |        | 6\"/>  | 17         |       | LED   | 2                   | JUNO LIGHTING #J5F 7IN 10LM 35K 90CRI MVOLT ZT WH                    |                                 |
| F3                        |        | 4' LONG SURFACE MOUNTED LED FIXTURE WITH 0-10V DIMMING DRIVER                                  | 35         |       | LED   | 5                   | LITHONIA #CSS-L48-4000LM-MVOLT-40K-80CRI                             |                                 |
| F4                        |        | 8' LONG SURFACE MOUNTED LED FIXTURE WITH 0-10V DIMMING DRIVER                                  | 58         |       | LED   | 13                  | MARK ARCHITECTURAL LIGHTING #S1LS-LCB-MSLB-90CRI-35K-800LMF-MVOLT-ZT | SEE DETAIL 2/E-201              |
| X1                        |        | SINGLE FACE ILLUMINATED EXIT SIGN, WITH WHITE HOUSING AND RED LETTERS, WALL OR CEILING MOUNTED | 3          |       |       |                     | LITHONIA #LQM  |                                 |



LIGHTING PLAN 1  
SCALE: 1/8" = 1'-0"

SHEET NOTES

- THESE DRAWINGS INDICATE THE FINISHED REQUIREMENT FOR THE LIGHTING FIXTURES AND DEVICES, DUE TO THE STRUCTURAL CONDITION, MECHANICAL DUCT OR PIPING INTERFERENCE, RETAINED EXISTING FACILITY, OR FOR OTHER REASONS, THE CONTRACTOR MAY DESIRE TO INSTALL THE WORK IN A MANNER DIFFERENT FROM THAT SHOWN, SUCH CHANGES SHALL BE PRESENTED TO THE OWNERS REPRESENTATIVES FOR APPROVAL BEFORE PROCEEDING, AND THE RECORD DRAWINGS SHALL BE ACCURATELY REVISED TO SHOW THE CHANGES AS COMPLETED.
- PROVIDE SEISMIC SUPPORT FOR ALL FIXTURES AND EQUIPMENT IN COMPLIANCE WITH CALIFORNIA BUILDING CODE AND LOCAL ORDINANCES.
- UPON COMPLETION OF INSTALLATION, ALL FIXTURES, LENSES, DIFFUSERS AND REFLECTORS SHALL BE CLEANED TO REMOVE DIRT, DUST AND HANDLING MARKS.
- ALL LIGHTING CONTROL DEVICES AND EQUIPMENT SHALL BE CERTIFIED BY THE CALIFORNIA ENERGY COMMISSION.
- EXISTING CIRCUITS NOT AFFECTED BY THIS PROJECT ARE TO REMAIN.
- IN REWIRING EXISTING CONDUITS ALL CONDUCTORS MUST BE RECONNECTED TO PROVIDE SERVICE TO EXISTING FIXTURES AND OUTLETS.

KEYNOTES

- ROUTE CIRCUIT THROUGH EXISTING LIGHTING CONTROL PANEL.
- PROVIDE NON-SWITCHED "HOT" POWER WIRE TO BATTERY PACK CHARGING/SENSOR IN FIXTURE.

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Professional Engineer  
No. E-21895  
Exp. 12-31-24  
ELECTRICAL  
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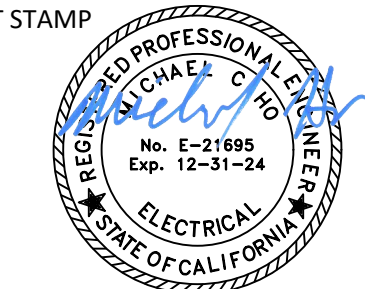
PROJECT NAME:  
CORONA FUNDAMENTAL  
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RENOVATION  
1230 S Main St, Corona, CA 92882

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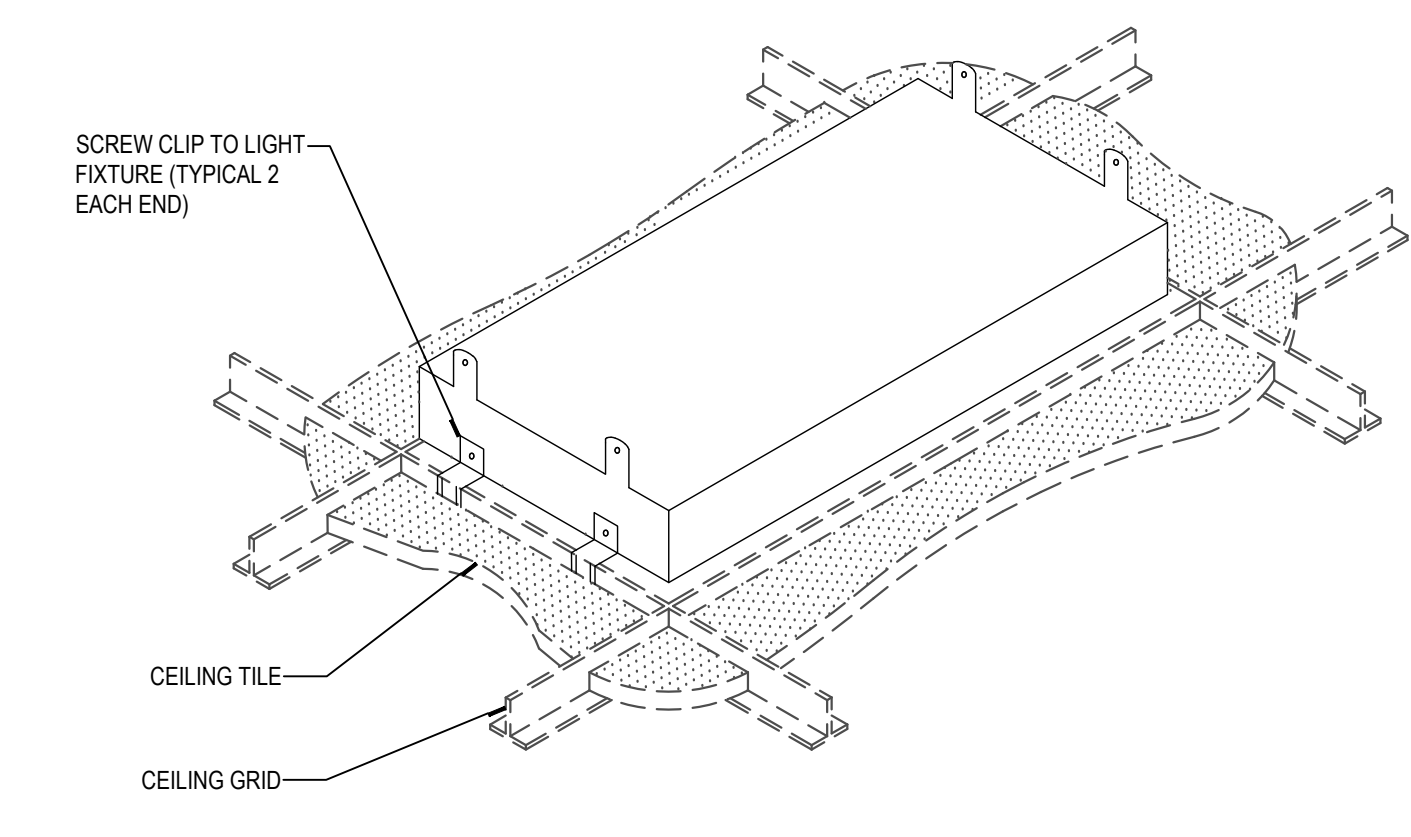
PROJECT NO.: 22063.01

SHEET TITLE:  
LIGHTING PLAN

SHEET NO.:  
E-111



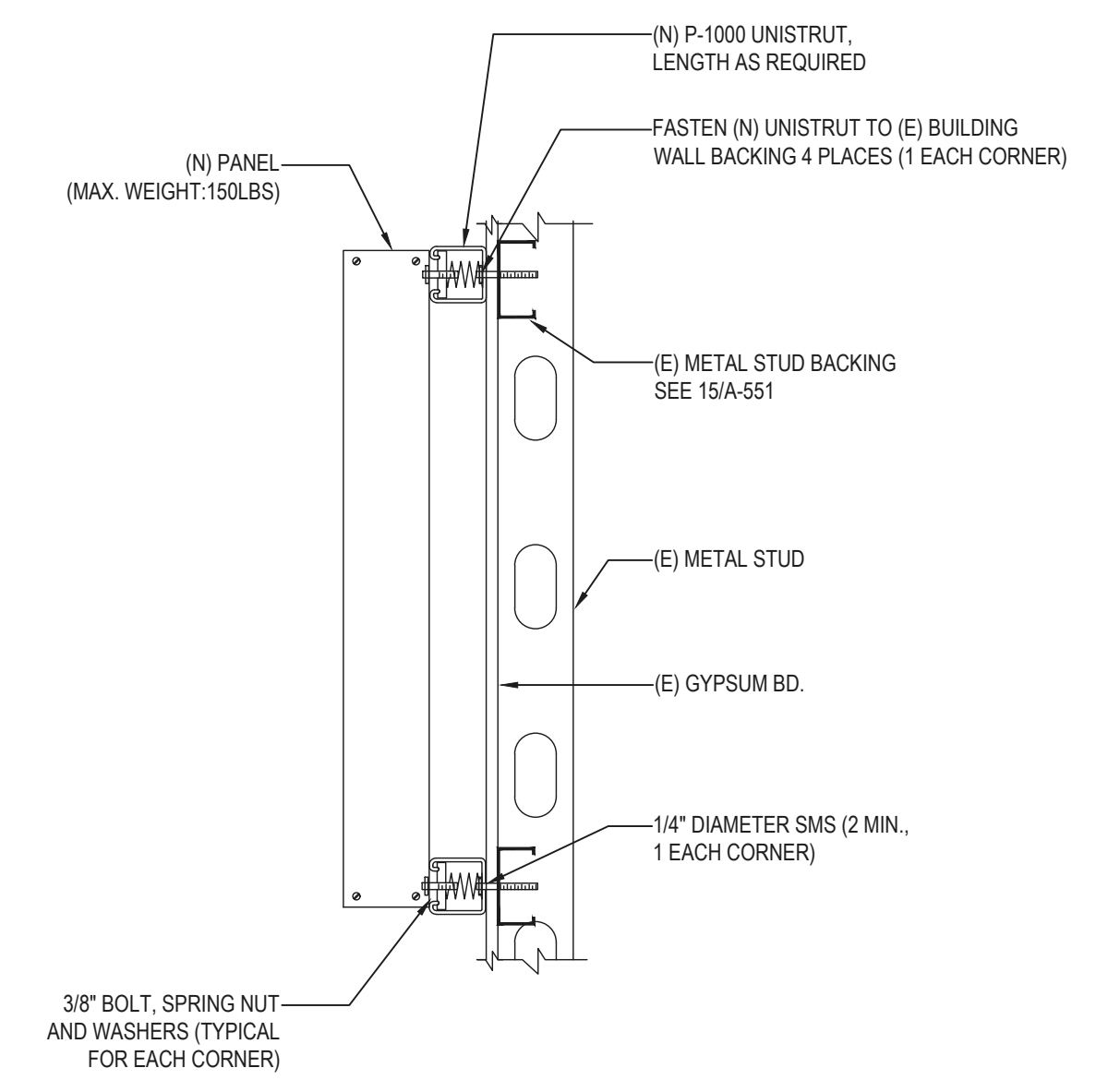
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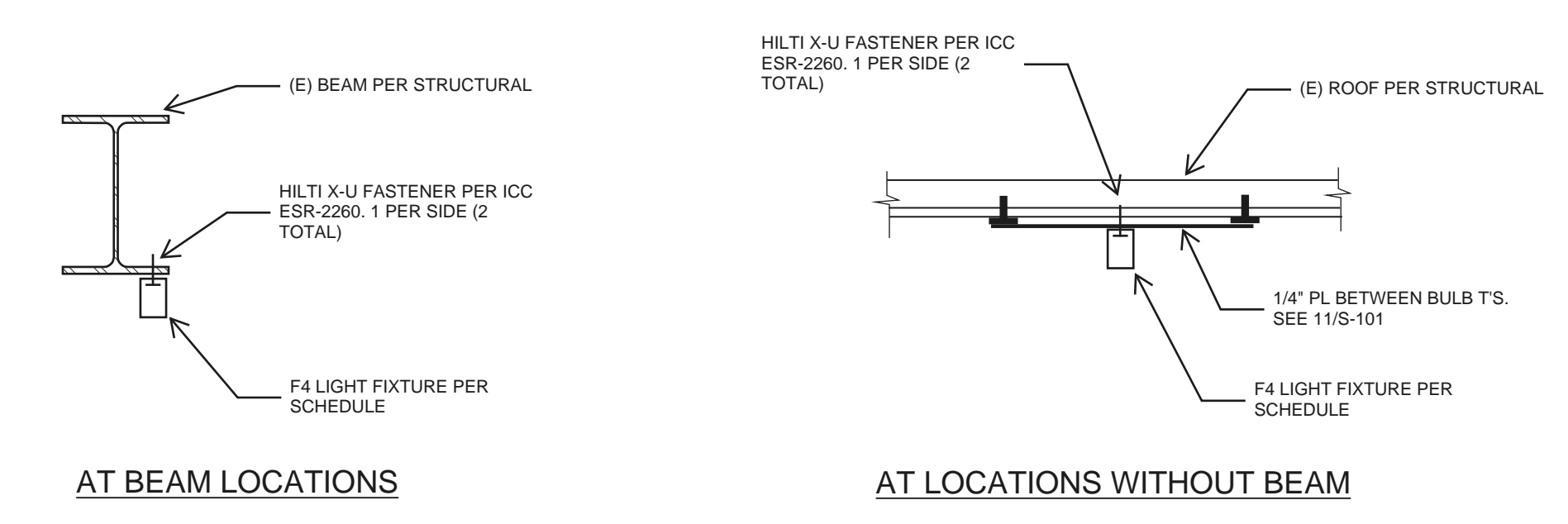
**GENERAL NOTES:**

1. REFER TO ARCHITECTURAL DRAWINGS FOR TYPE OF CEILING GRID AND TILE SYSTEM.

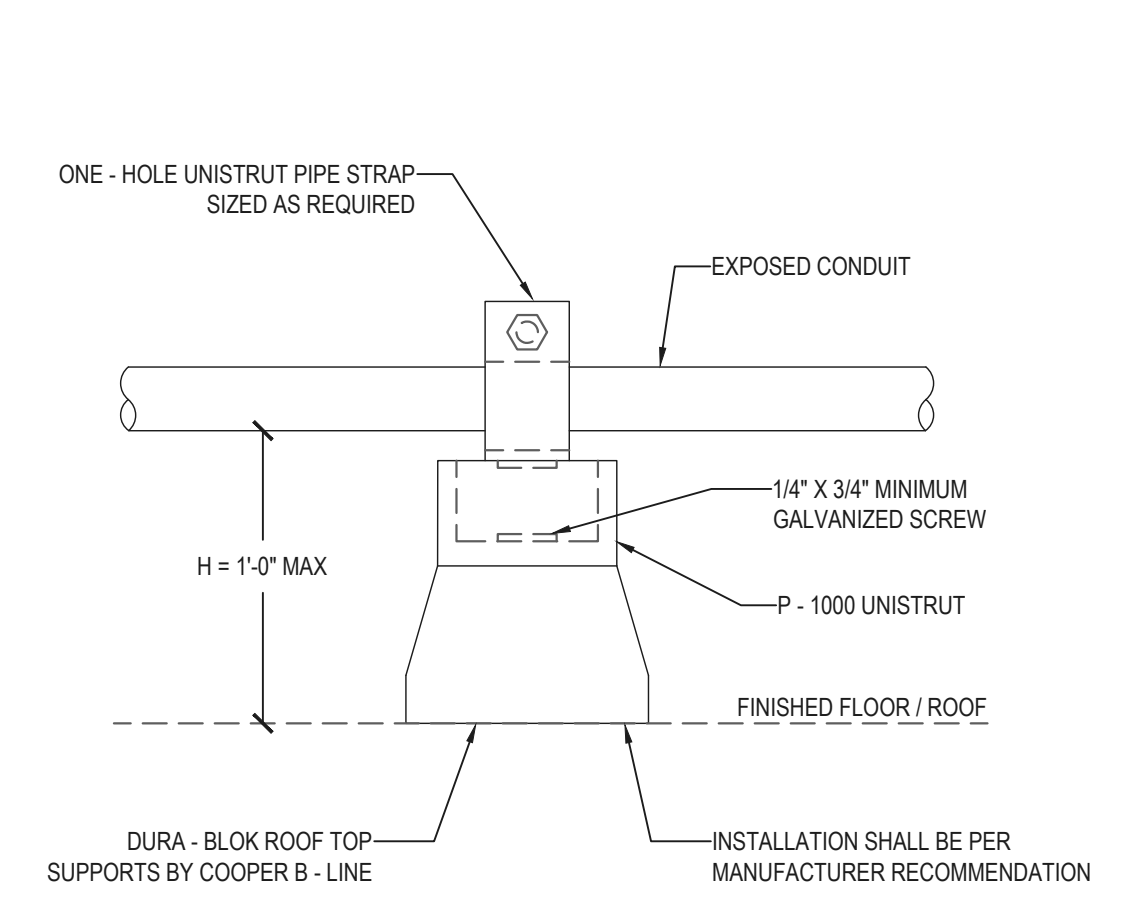
**1 LIGHTING FIXTURE SUSPENSION**  
SCALE: NONE



**5 PANEL MOUNTING DETAIL**  
SCALE: NONE



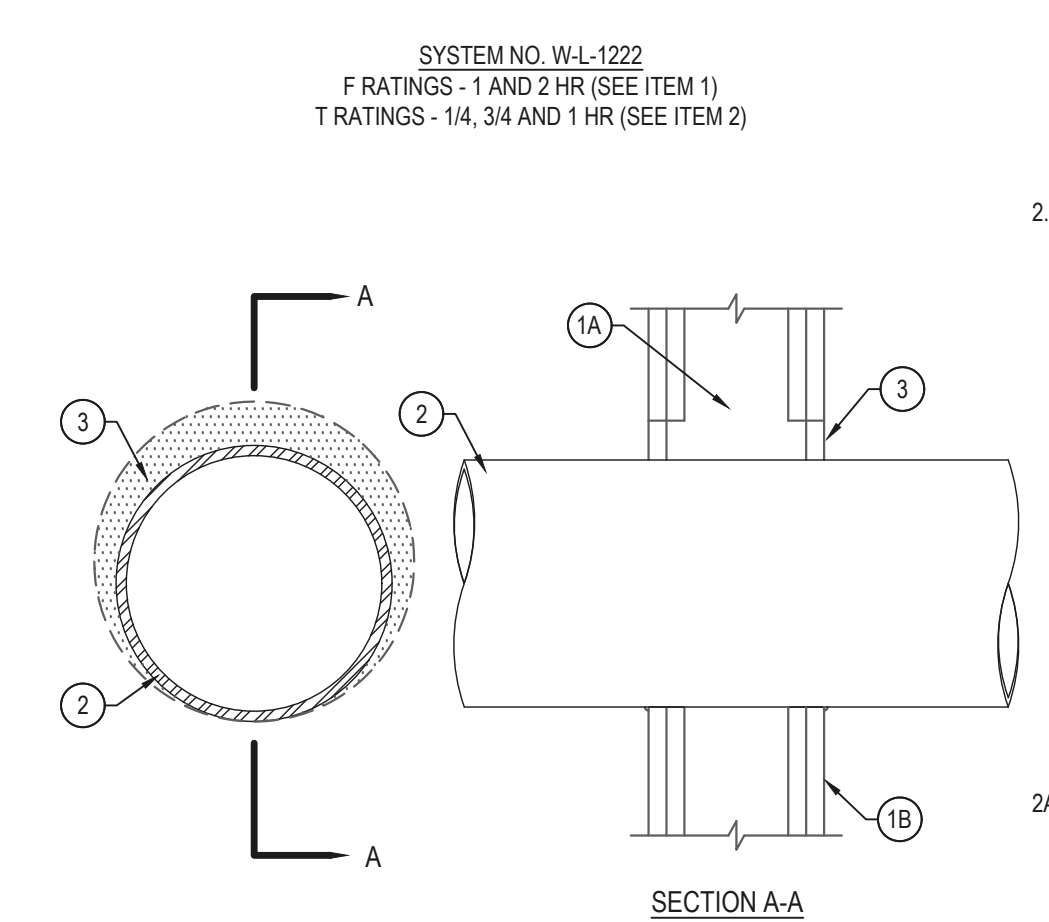
**2 SURFACE MOUNTED LIGHT FIXTURE**  
SCALE: NONE



**GENERAL NOTE:**

1. COORDINATE THE INSTALLATION OF EXPOSED CONDUITS WITH GENERAL CONTRACTOR TO ENSURE DAMAGE TO ROOF SYSTEM IS PREVENTED.
2. MINIMUM LENGTH OF EACH DURABLOK SHALL BE 2' X 1'.
3. MAXIMUM SPACING SHALL BE 10'-0" ON CENTER BETWEEN EACH DURABLOK.

**4 ROOF CONDUIT SUPPORT**  
SCALE: NONE



**3 CONDUIT SLEEVE THROUGH FIRE RATED WALL**  
SCALE: NONE

1. WALL ASSEMBLY - THE 1 OR 2 HR FIRE-RATED GYPSUM BOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
  - A. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. (51 BY 102 MM) LUMBER SPACED 16 IN. (406 MM) OC. STEEL STUDS TO BE MIN 3-1/2 IN. (89 MM) WIDE AND SPACED MAX 24 IN. (610 MM) OC.
  - B. GYPSUM BOARD\* - THICKNESS, TYPE, NUMBER OF LAYERS AND FASTENERS AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX DIAM OF OPENING IS 10-5/8 IN. (270 MM).

| TYPE OF PENETRANT                        | MAX DIAM       | T RATING |
|--|----------------|----------|
| STEEL OR IRON PIPE, STEEL CONDUIT OR EMT | 2 in. (51 mm)  | 1 HR     |
| STEEL OR IRON PIPE, STEEL CONDUIT OR EMT | 8 in. (203 mm) | 3/4 HR   |
| COPPER PIPE OR TUBE                      | 4 in. (102 mm) | 1/4 HR   |

2. THROUGH PENETRANT - ONE METALLIC PIPE, CONDUIT OR TUBE TO BE INSTALLED ECCENTRICALLY OR CONCENTRICALLY WITHIN THE FIRESTOP SYSTEM. PIPE, CONDUIT OR TUBING MAY BE INSTALLED AT AN ANGLE NOT GREATER THAN 45 DEGREES FROM PERPENDICULAR. THE ANNULAR SPACE BETWEEN THE PIPE, CONDUIT OR TUBE AND THE PERIPHERY OF THE OPENING SHALL BE MIN 0 IN. (0 MM, POINT CONTACT) TO MAX 2 IN. (51 MM). PIPE, CONDUIT OR TUBE TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF THE WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS AND TUBES MAY BE USED:
  - A. STEEL PIPE - NOM 8 IN. (203 MM) DIAM (OR SMALLER) SCHEDULE 5 (OR HEAVIER) STEEL PIPE.
  - B. IRON PIPE - NOM 8 IN. (203 MM) DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.
  - C. CONDUIT - NOM 8 IN. (152 MM) DIAM (OR SMALLER) RIGID STEEL CONDUIT, NOM 4 IN. (102 MM) DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING (EMT) OR NOM 4 IN. (102 MM) DIAM (OR SMALLER) FLEXIBLE STEEL CONDUIT.
  - D. COPPER PIPE - NOM 4 IN. (102 MM) DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
  - E. COPPER TUBE - NOM 4 IN. (102 MM) DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBE.
3. FILL, VOID OR CAVITY MATERIAL - SEALANT - MIN 5/8 IN. (16 MM) THICKNESS OF FILL MATERIAL APPLIED WITHIN ANNULUS. FLUSH WITH BOTH SURFACES OF WALL ASSEMBLY AT POINT CONTACT LOCATION. MIN 1/4 IN. (6 MM) DIAM BEAD OF FILL MATERIAL APPLIED AT METALLIC PIPE/GYPSUM BOARD INTERFACE ON BOTH SURFACES OF WALL. (SPECIFIED TECHNOLOGIES INC. - SPECSEAL LG SEALANT)

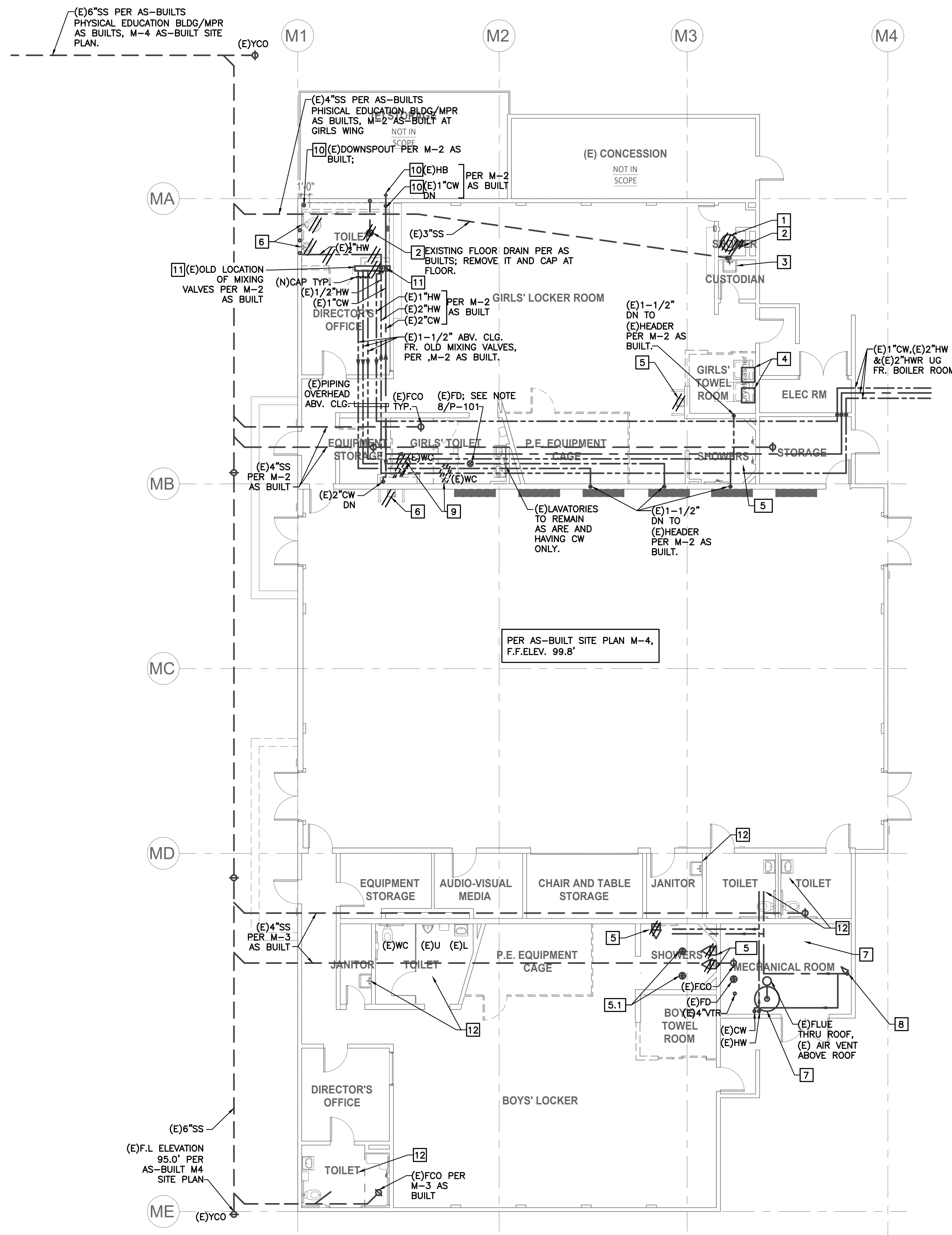
\* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

**CONDUIT SLEEVE THROUGH FIRE RATED WALL**  
SCALE: NONE









**DEMOLITION AND KEY NOTES**

- A. ALL THE EXISTING PLUMBING PIPING & SIZES, INFORMATION SHOWN, IS PER THE OLD AVAILABLE AS-BUILTS M-2 (GIRLS AREA), M-3 (BOYS AREA), M-4 (SITE PLAN INFORMATION) FOR MPR/PHYSICAL EDUCATION BLDG. ALL THE EXISTING INFORMATION MUST BE VERIFIED IN THE FIELD BY CONTRACTOR FOR PLUMBING FIXTURES LOCATIONS AND DEMOLITION SCOPE SEE ARCHITECTURAL DWGS.
- B. WHEREVER EXISTING PLUMBING FIXTURES ARE REMOVED OR RE-LOCATED, CAP PIPING IN WALL ABOVE CEILING OR BELOW SLAB. WATER PIPING TO BE CAPPED AT NEAREST ACTIVE TEES.
- C. WHEREVER EXISTING PLUMBING FIXTURES ARE REMOVED FROM SITE AND WASTE PIPING HAS TO BE CAPPED BELOW SLAB ON GRADE, X-RAY EXIST. SLAB AND RESTORE ACCORDING TO STANDARD STRUCTURAL REQUIREMENTS, DOWELS, REBARS AND FILL-IN MATERIALS.
- 1 EXISTING WATER HEATER SHALL BE REMOVED FROM SITE. VALVE AND CAP EXISTING PIPING ABOVE CEILING CLOSEST TO THE NEAREST ACTIVE TEE. REMOVE EXIST. GAS LINE TO NEAREST ACTIVE TEE. REMOVE PORTIONS OF EXIST. FLUE UP TO CEILING. CAP REMAINING FLUE THRU ROOF BELOW CEILING AND ABOVE ROOF.
- 2 REMOVE EXIST. FLOOR DRAINS AND CAP PIPING BELOW SLAB.
- 3 EXISTING SERVICE SINK TO REMAIN FUNCTIONAL. THE EXISTING HOT WATER SUPPLY TO IT SHALL BE VALVED AND CAPPED IF IT COMES FROM THE (E)WH IN THE ROOM ABOVE, (E)WH WHICH IS DEMOLISHED PART OF THIS SCOPE.
- 4 EXISTING WASHER SHALL BE RE-LOCATED TO BOYS AREA IN THE EXISTING SHOWERS ROOM SHOWN ON THIS PLAN.
- 5 REMOVE ALL EXIST. SHOWER TRIM, AND DRINKING FOUNTAIN INCLUDING UN-USED PIPING.
- 5.1 (E)FLOOR DRAIN TO REMAIN. CONTRACTOR SHALL VERIFY IF THEY HAVE (E)TRAP PRIMERS. IF NOT, CONTRACTOR SHALL PROVIDE NEW BATTERY TRAP PRIMERS. SEE P-101.
- 6 REMOVE EXIST. PLUMBING FIXTURES AS SHOWN.
- 7 EXIST. MECHANICAL EQUIPMENT ROOM: ALL EXISTING EQUIPMENT, DRAINS AND PIPING TO REMAIN.
- 8 EXIST. BUILDING 3" (PER AS-BUILT M-3) COLD WATER FROM BELOW GRADE SUPPLY TO REMAIN.
- 9 (E)PLUMBING FIXTURES IN GIRLS TOILET: CONTRACTOR SHALL INVESTIGATE EXISTING CONDITION OF THE (E)PIPING, IN THE (E)WALL, (E)CHASE, AND UNDER THE FLOOR, AND SHALL PROPOSE RELOCATION PLAN/SOLUTION PRIOR TO DEMOLITION. VERIFY WITH ARCHITECT WHICH FIXTURES GET DEMOLISHED PRIOR TO STARTING DEMO WORK. SEE NEW WORK SCOPE AND DESIGN INTENT ON ARCHITECTURAL DWGS AND ON P-101.
- 10 CONTRACTOR SHALL RELOCATE AS NEEDED, IF NEEDED, IF REQUIRED.
- 11 REMOVE (E) MIXING VALVES, CAP PIPING ABOVE CEILING, ABOVE THE NEW RCP.
- 12 (E) FIXTURES TO REMAIN.

**PLUMBING DEMOLITION PLAN** ①  
SCALE: 1/8" = 1'-0"

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APP: 04-121721 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 05/10/2023

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PROJECT NAME:  
**CORONA FUNDAMENTAL INTERMEDIATE SCHOOL - MPR RENOVATION**

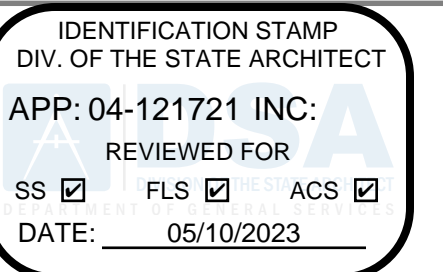
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PROJECT NO.: **22063.01**

SHEET TITLE:  
**PLUMBING DEMOLITION PLAN**

SHEET NO.:  
**P-111D**



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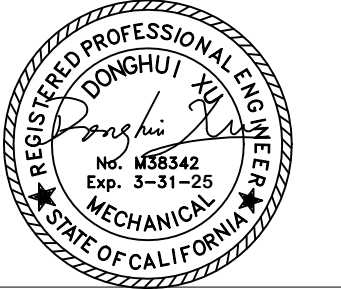
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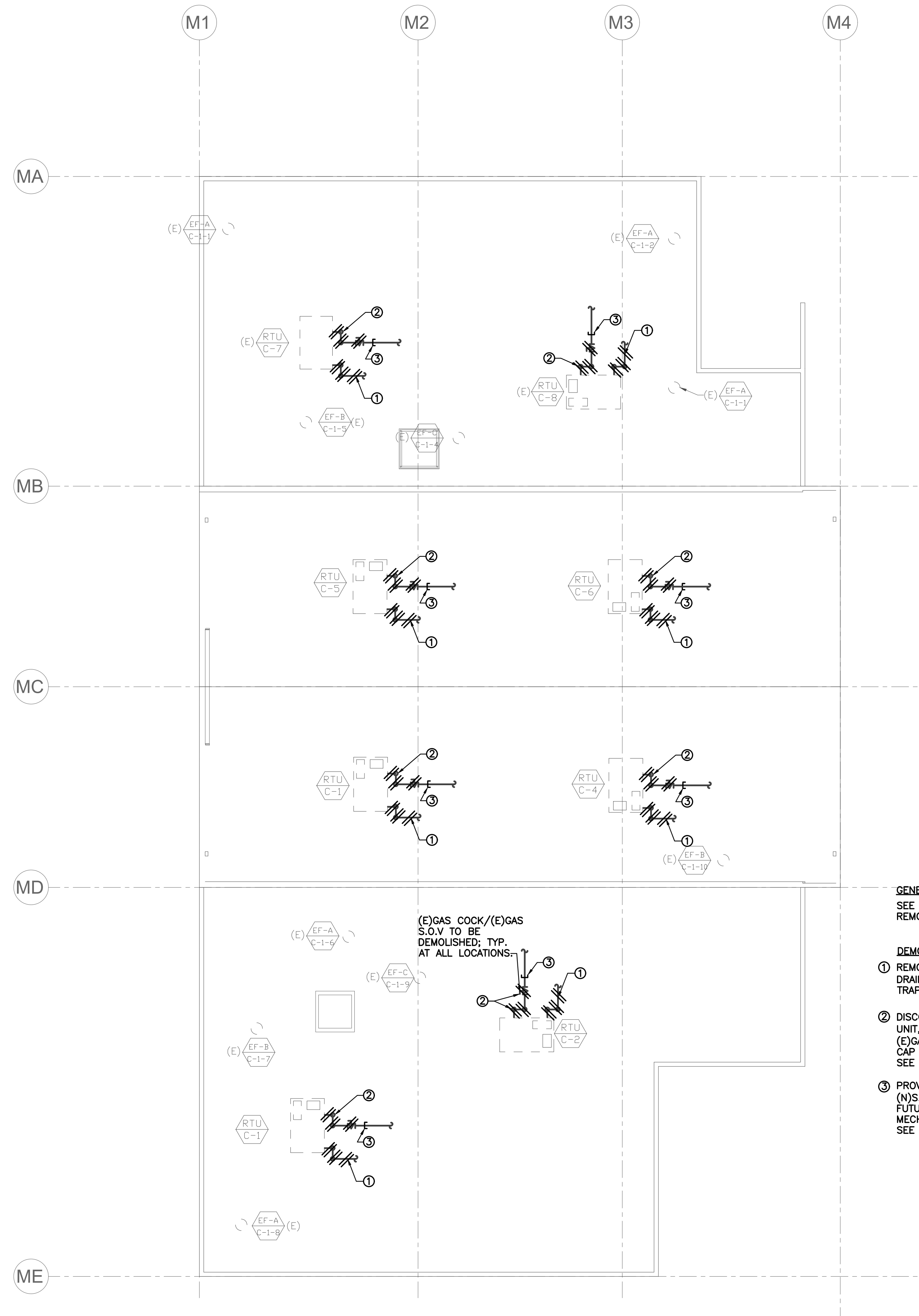
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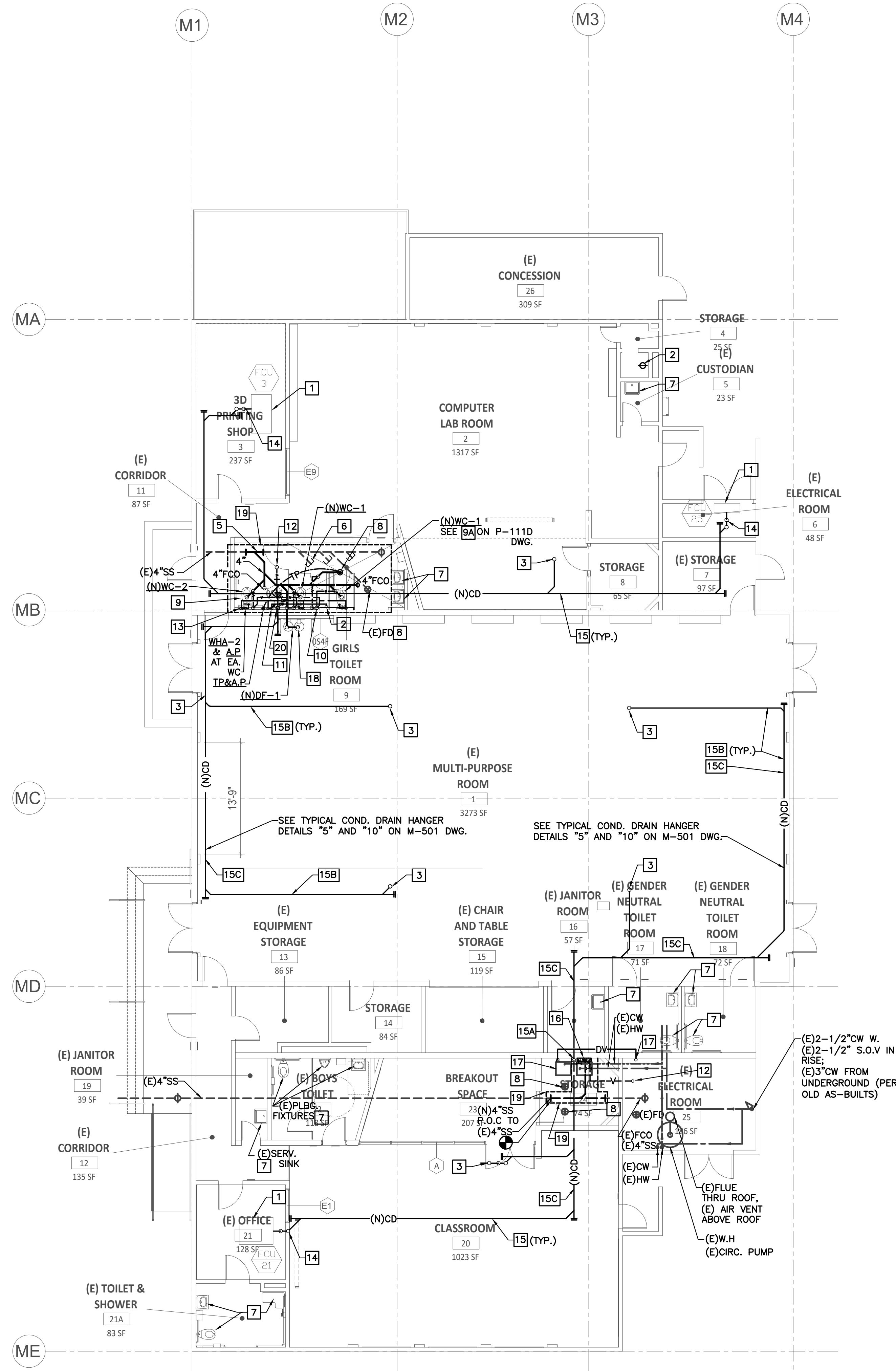
**PLUMBING  
ROOF PLAN  
DEMOLITION  
WORK**

SHEET NO.:

**P-112D**



**PLUMBING ROOF PLAN DEMOLITION WORK 1**  
SCALE: 1/8" = 1'-0"



GENERAL NOTE

FOR PIPES HANGERS AND SEISMIC SUPPORTS SEE M-501/DETAIL 5 FOR PIPE SUPPORT, AND DETAIL 10.  
 PROVIDE THE HANGERS AND PIPES SUPPORTS WITH APPROVED BY A.H.J THICK FELT OR NON CONDUCTIVE RUBBER BETWEEN DISSIMILAR MATERIALS.  
 PROVIDE DIELECTRIC FITTINGS BETWEEN DISSIMILAR MATERIALS. TYPICAL FOR ALL CONNECTIONS BETWEEN DISSIMILAR MATERIALS.

NEW WORK KEY NOTES

- 1 (N) FAN COIL UNITS ABOVE CLG. CONN. W/ 3" CD AND ROUTE TO NEAREST FIXTURE TAILPIECE OR SERVICE/FLOOR SINK. (TYP.)
- 2 EXIST. 2" CW. MAKE POC ABOVE CLG. DROP IN NEW FURRING AND CONN. ALL NEW PLBG. FIXTURES AS SHOWN. INSTALL BALL VALVE AND ACCESS PANEL AT 6" ABV. FIN. FLOOR.
- 3 (N) 3/4" CONDENSATE DRAIN PIPING FROM ABOVE ROOF. ROUTE ATTACHED TO WALL TO COMMON CD, DROP IN FURRING AND SPILL TO DRINKING FOUNTAIN TAILPIECE, AND AT WASHER BOX DRAIN WITH AIR GAP. CONDENSATE LINES SHALL TIE INTO TAILPIECES WITH STAINLESS STEEL FLEXIBLE BRAIDED HOSE AT DRINKING FOUNTAIN OR SINK TAILPIECES, OR TO WASHER DRAIN BOX, FOR MAINTENANCE PURPOSE. PROVIDE DIELECTRIC CONNECTIONS BTW. DISSIMILAR MATERIALS, TYPICAL.
- 4 2" VENT. CONN. ALL NEW FIXTURE IN NEW 6" FURRING. MAKE POC TO EXIST. VTR. VERIFY EXACT LOCATION IN FIELD. INSTALL AT MORE THAN 10FT AWAY FROM ANY AIR INTAKE ON THE ROOF.
- 5 MAKE POC TO EXIST. 4" WASTE BELOW SLAB. VERIFY FINAL LOCATION IN FIELD. VERIFY CONDITION OF EXIST. WASTE BELOW SLAB AND ADVISE IF MORE THEN WYE SHOULD BE REPLACED. USE SURVEILLANCE CAMERAS TO DETERMINE EXIST. WASTE LOCATION AND ELEVATIONS AS REQUIRED.
- 6 CAP EXIST. UN-USED WASTE PIPING BELOW SLAB. (TYP.)
- 7 EXIST. PLUMBING FIXTURE TO REMAIN.
- 8 EXIST. FLOOR DRAIN TO REMAIN IF TRAP PRIMER IS ACTIVE AND WORKS. IF NOT, REMOVE EXIST. FLOOR DRAIN AND INSTALL NEW FD-1 AND TRAP PRIMER WHERE FLUSH VALVES ARE AVAILABLE AND BATTERY OPERATED TRAP PRIMER AND ACCESS BOX WHERE NO FLUSH VALVES ARE ASSISTING OPERATION. VERIFY WITH ARCHITECTURAL AND STRUCTURAL REGARDING SLOPING OF FLOOR WITH THE NEW WATER CLOSETS LAYOUT.
- 9 NEW FURRING. SEE ARCH. DWGS. FOR REQUIREMENTS. SEE NOTE ON P-111D: CONTRACTOR SHALL INVESTIGATE EXISTING CONDITION OF THE (E)PIPING, IN THE (E)WALL, (E)CHASE, AND UNDER THE FLOOR, IN RELATION TO THE (E)WALL FOUNDATION, AND SHALL PROPOSE NEW PIPING ROUTING PLAN/SOLUTION THAT WORKS WITH THE (E)WALL FOUNDATION AND THE (E)PIPING AND THE NEW STALLS. NEW STALLS AND NEW PLBG. FIXTURES EXACT LOCATIONS PER ARCHITECTURAL.
- 10 2" VENT FR. BEL. SLAB UP TO ABV. CLG. AND CONN. TO NEW VENT. (TYP.) CONNECT TO EXISTING VENT UP TO ROOF.
- 11 DROP 2" CW IN NEW FURRING. INSTALL SOV AND ACCESS PANEL. ROUTE PIPING TO ABV. CLG. AND DROP AT EACH FIXTURE LOCATION AS REQUIRED.
- 12 MAKE POC TO EXIST. 4" VTR. VERIFY EXACT LOCATION IN FIELD.
- 13 DROP 2" CW IN NEW FURRING AND CONN. TO FLUSH VALVE. (TYP.)
- 14 3/4" COND. TRAP. MAKE POC TO COND. DRAIN PUMP. ROUTE TO COMMON DRAIN LINE.
- 15 AT GIRLS AND BOYS AREAS: 3/4" COND. DRAIN ABV. CLG. SLOPE AT 1/8"/FT. ALL COND. DRAIN LINES TO BE INSULATED 1/2" THICK 25/50/E84 INSULATION.
- 15A 3/4" COND. DRAIN DROP WITH AIR GAP INTO WASHER BOX DRAIN; CONDENSATE LINES SHALL TIE INTO TAILPIECES WITH FLEXIBLE BRAIDED HOSE AT DRINKING FOUNTAIN OR SINK TAILPIECES, OR WASHER DRAIN BOX, FOR MAINTENANCE PURPOSE.
- 15B AT MPR: 3/4" COND. DRAIN RUN AS CLOSE AS POSSIBLE TO UNDERSIDE OF ROOF AND BEAMS, TRY TO CONCEAL IN BEAM POCKET, AND RUN ON THE WALL AS HIGH AS POSSIBLE TO COMMON LINE AND POINT OF DISCHARGE.
- 15C AS FEASIBLE, RUN 3/4" COND. DRAIN RUN AS CLOSE AS POSSIBLE TO WALLS, TO MINIMIZE APPEARANCE OF THE EXPOSED COND. DRAIN PIPING.
- 16 2" W. 1 1/2" V. 3/4" H. & CW IN WASHER WALL BOX ATTACHED TO EXIST. TILED WALL COORDINATE FINAL LOCATION IN FIELD.
- 17 EXIST. DRYER RE-LOCATED UNDER ANOTHER SECTION OF THE WORK. INSTALL NEW 4" SIZE DRYER VENT UP THRU ROOF AS SHOWN. INSTALL THE VTR MORE THAN 10 FT AWAY FROM ANY AIR INTAKE ON THE ROOF.
- 18 DRINKING FOUNTAIN WALL SUPPORT. SEE STRUCTURAL DWGS. FOR DETAILS.
- 19 NEW TRENCH APPROXIMATE BOUNDARY, ESTIMATED EXTENT- SEE STRUCTURAL DWGS. FOR TRENCH DETAILS INCLUDING SLAB & REBARS REPAIR DETAILS.
- 20 NEW 3/8" COND. DRAIN CONN. TO DRINKING FOUNTAIN TAILPIECE. USE STAINLESS STEEL BRAIDED HOSE FROM WALL OUTLET TO TAILPIECE INLET WITH DIELECTRIC CONNECTION BTW. DISSIMILAR MATERIALS, FOR MAINTENANCE PURPOSES.

PLUMBING NEW WORK PLAN- WATER, WASTE, VENT 1

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

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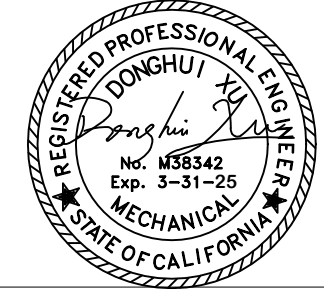
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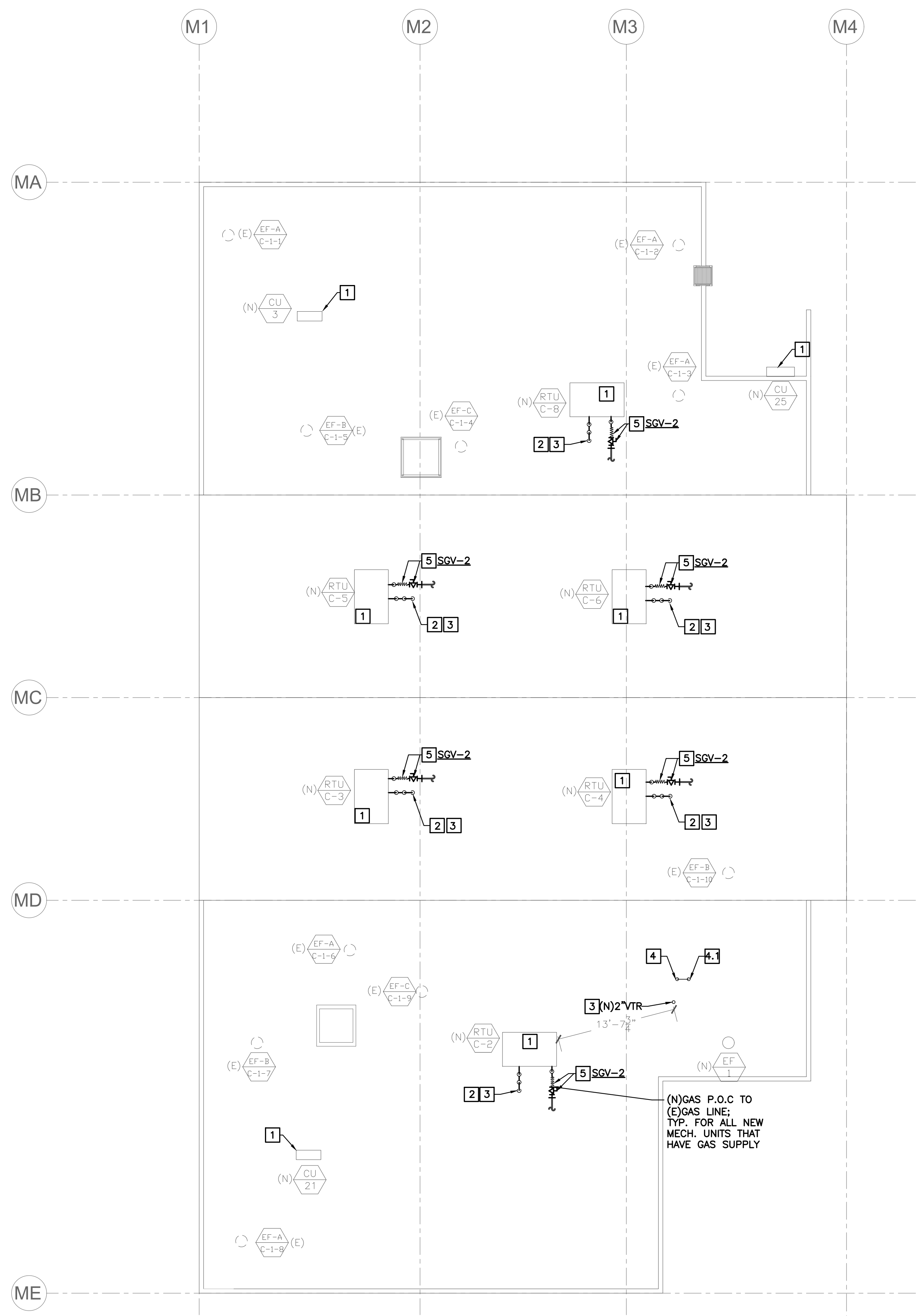
PROJECT NO.: 22063.01

SHEET TITLE:  
**PLUMBING NEW WORK PLAN, WATER, WASTE & VENT**

SHEET NO.: P-101



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NEW WORK KEY NOTES

- 1** (N) HVAC UNITS ON ROOF. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION.  
ALL GAS PIPING IS EXISTING. NEW UNITS HAVE THE SAME OR LESS CFH REQUIREMENTS (SEE MECHANICAL DWGS FOR DETAILS AND PROVIDE AS REQUIRED)
- 2** (N) MIN. 3" TRAP FOR MECHANICAL UNIT CONDENSATE DRAIN.
- 3** DROP 3/4" CD THRU ROOF. SEE FLOOR PLAN FOR CONT. (TYP.)
- 4** PROVIDE & INSTALL NEW SAME AS EXIST. SIZE GAS S.O.V AND STAINLESS STEEL FLEX CONNECTOR, & DIELECTRIC UNION BTW. FLEX AND GAS PIPE IF THEY ARE DIFFERENT MATERIALS. (TYP.)

(N) GAS P.O.C TO (E) GAS LINE. TYP. FOR ALL NEW MECH. UNITS THAT HAVE GAS SUPPLY

PLUMBING ROOF PLAN NEW WORK ①

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