



CHEROKEE NATION ENTERPRISES, INC.

CATOOSA, OKLAHOMA

CHEROKEE CATOOSA SMOKE SHOP

ISSUE DATE: 07/07/2020

REVISED ISSUE DATE: 09/14/2020

SHEET INDEX

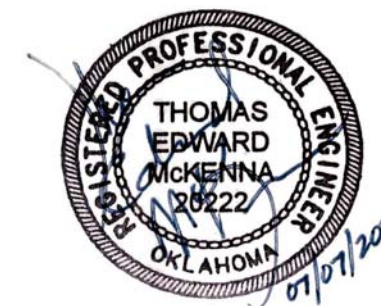
-----	COVERSHEET
DMEP101	MEP DEMOLITION PLAN
A101	FLOOR PLAN
MP001	MECHANICAL AND PLUMBING GENERAL NOTES AND SCHEDULES
MP101	MECHANICAL AND PLUMBING PLANS
E001	ELECTRICAL GENERAL NOTES AND SCHEDULES
E101	LIGHTING AND POWER PLANS

CONSULTING ENGINEER AND MEP CONSTRUCTION MANAGER

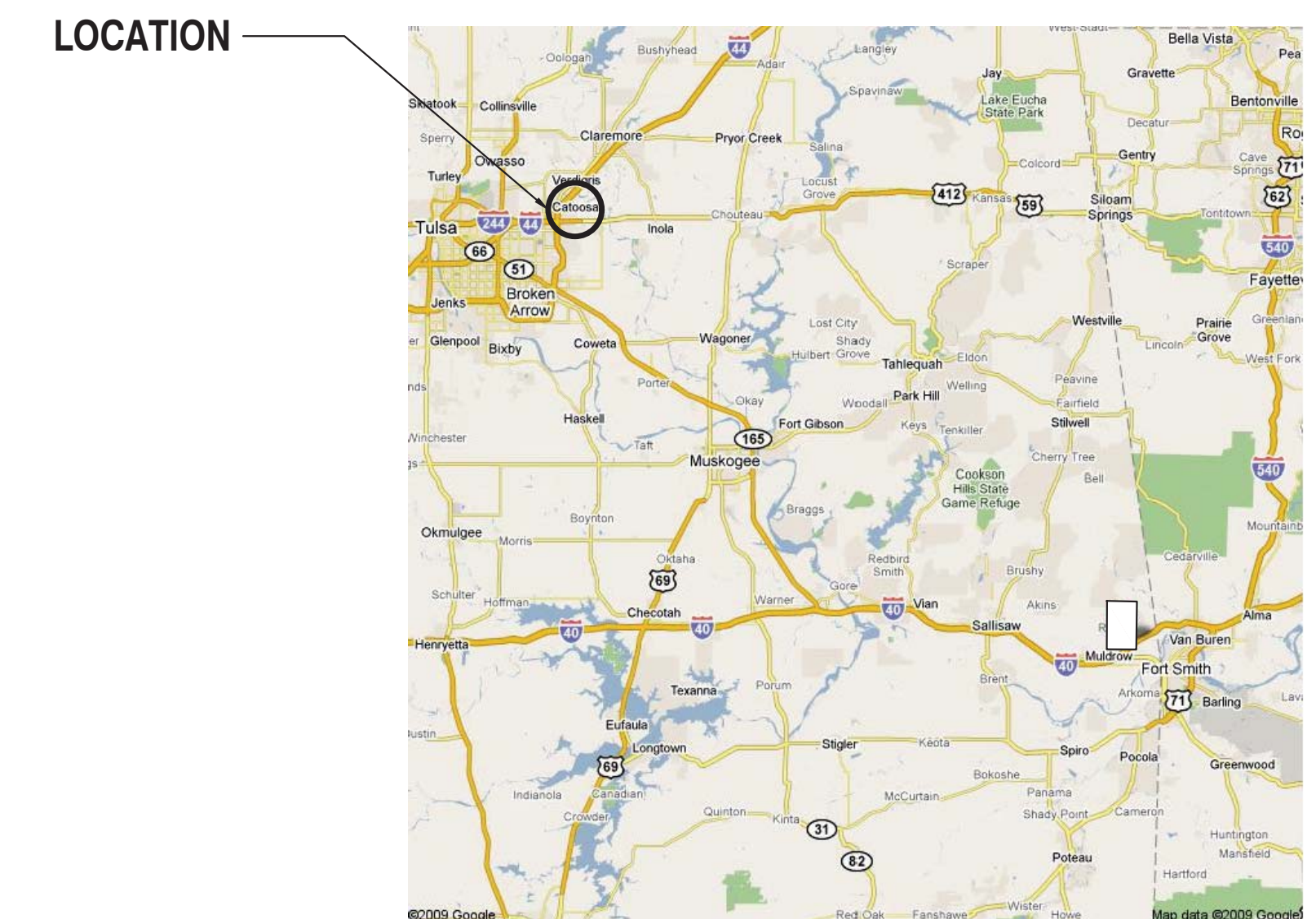


DESIGN GROUP, INC

1401 S. DENVER, SUITE A, TULSA, OK 74119
(918) 599-7770 FAX (918) 384-3186
C.A. # : 3995 Expires 06/30/2021



SITE MAP



Revision Date	Revision

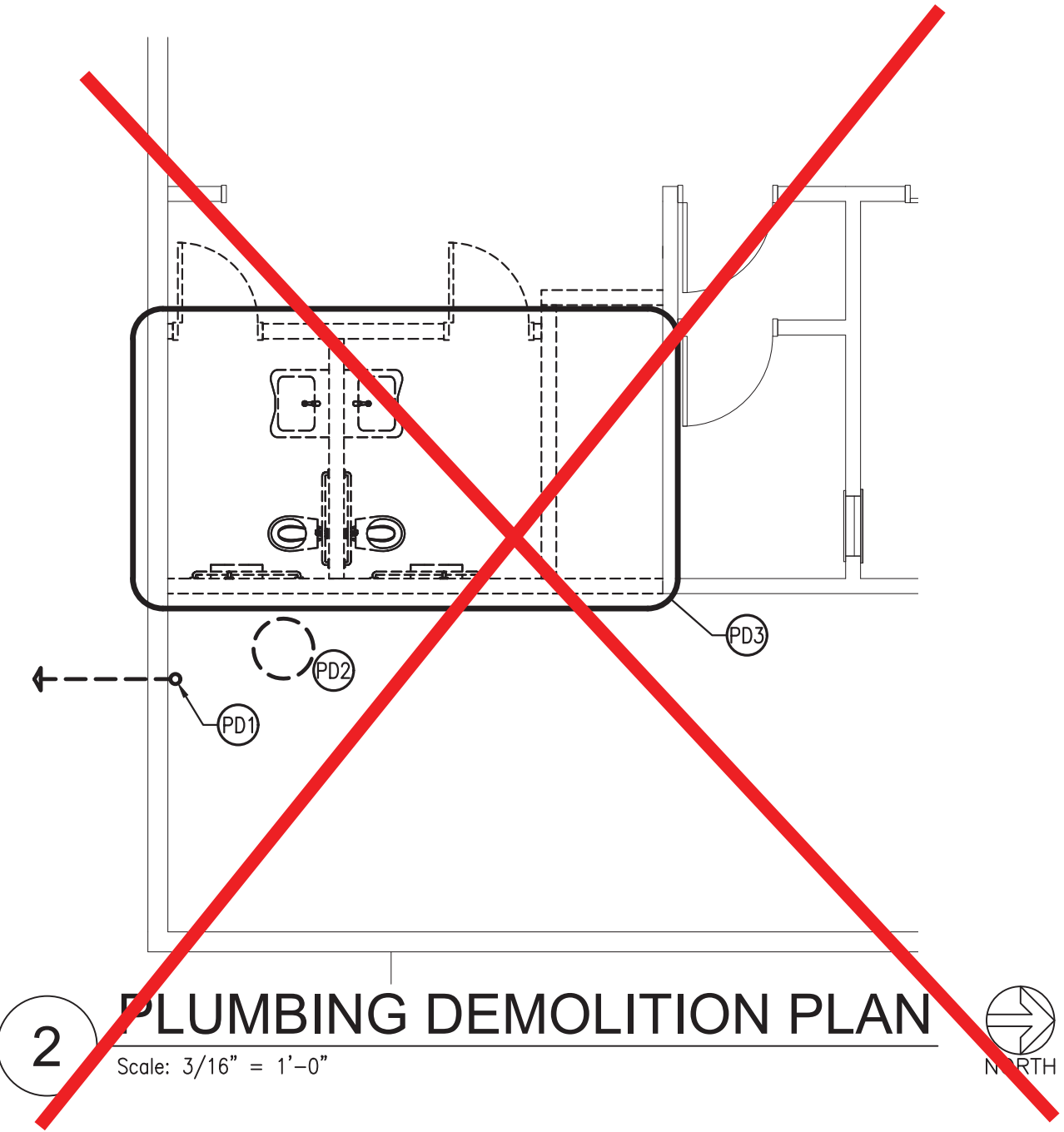
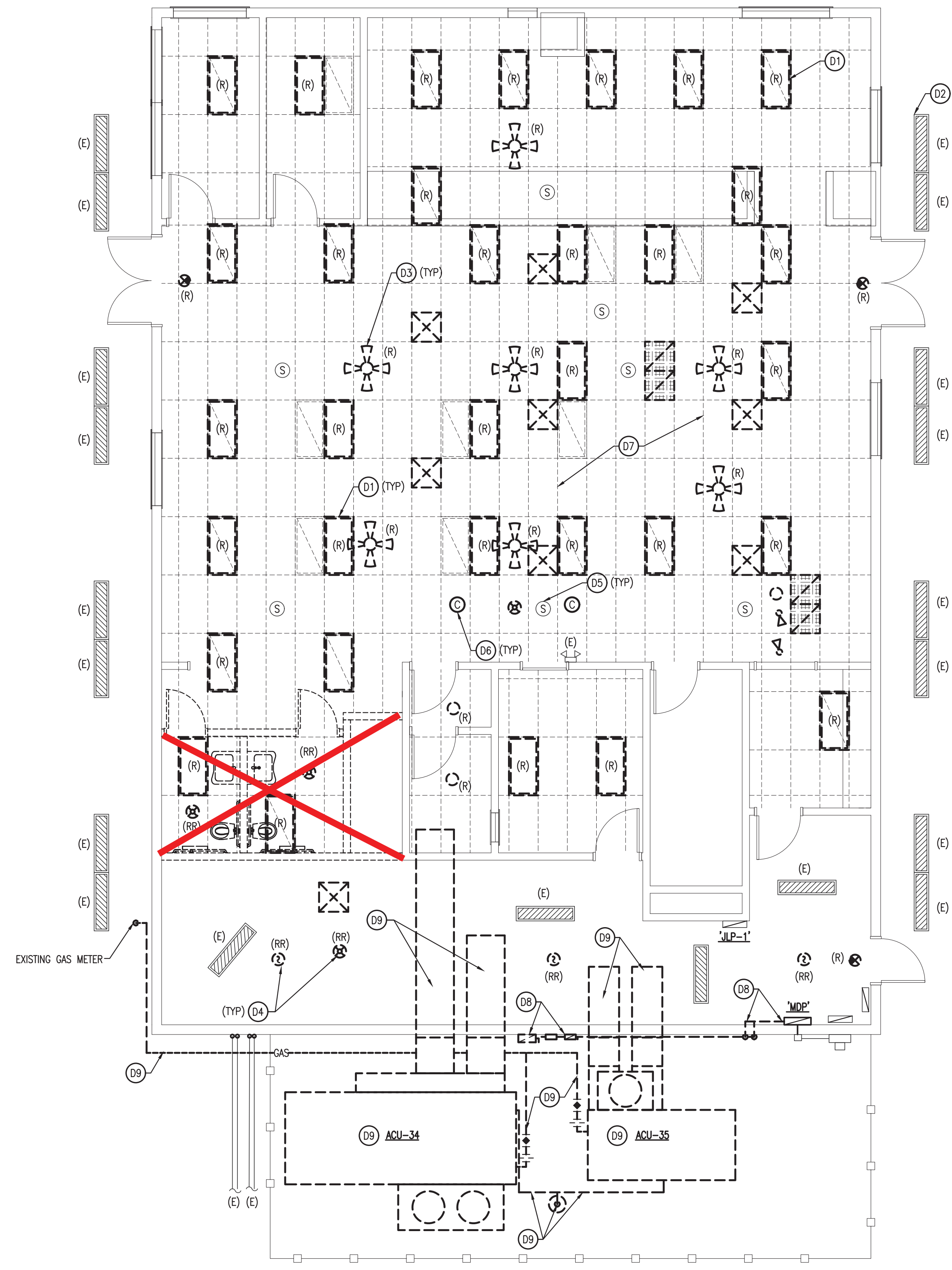
~~PLUMBING DEMOLITION KEYNOTES: (PD)~~

- ~~PD1. REMOVE EXISTING WATER SERVICE TO BUILDING PARK TO METER. REMOVE A BRANCH WATER PIPING FROM TOILET FIXTURES TO WATER CLOSER.~~
- ~~PD2. REMOVE AND STORE EXISTING WATER WATER.~~
- ~~PD3. REMOVE PLUMBING FIXTURES FROM TOILET GROUP. REMOVE VENT PIPING FROM FIXTURES TO VTR AT VTR FOR CONNECTION IN NEW WORK. CAP SANITARY AT WATER CLOSERS. BRANCH TO CONNECT DRAINS FROM LAVATORIES IN NEW WORK. REPAIR SLAB AS DIRECTED BY OWNER. REMOVE ALL WATER PIPE BACK TO MAIN.~~

BY OWNER

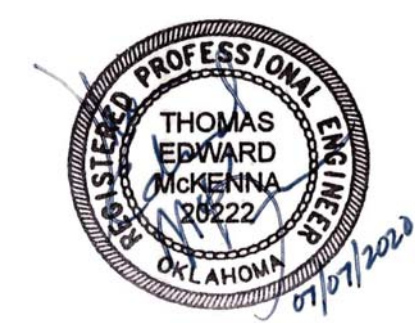
DEMOLITION KEYNOTES: (DX)

- D1. REPLACE LIGHTING WITH NEW. TRACE CIRCUIT AND MODIFY GAMING LIGHTING FOR DIMMING CONTROL IN NEW WORK. (TYP)
- D2. MODIFY EXISTING FIXTURE TO ACCEPT NEW LED TUBES TO MATCH EXISTING LUMENS AND IP65 RATING. (TYP)
- D3. REMOVE SMOKE CONTROL FANS AND CIRCUIT BACK TO SOURCE (TYP).
- D4. REMOVE AND STORE EXISTING FIRE ALARM DETECTION AND NOTIFICATION APPLIANCES TO BE REINSTALLED IN NEW WORK PER OWNER IN ORIGINAL LOCATIONS.
- D5. REMOVE AND STORE EXISTING SPEAKERS TO BE REINSTALLED IN NEW WORK BY OWNER.
- D6. REMOVE AND STORE EXISTING SURVEILLANCE CAMERAS TO BE REINSTALLED IN NEW WORK BY OWNER.
- D7. FIELD VERIFY AND DOCUMENT LOCATIONS OF FIRE ALARM, SURVEILLANCE, AND SPEAKER LOCATIONS IN GRID TO BE REINSTALLED. SUBMIT COPY OF AS-BUILT TO ARCHITECT AND OWNER'S PROJECT MANAGER. AFTER SUBMISSION OF AS-BUILT, REMOVE AND STORE EXISTING CEILING TILES AND GRID TO BE REINSTALLED IN NEW WORK.
- D8. REMOVE EXISTING 200A/3P AND 100A/3P DISCONNECTS, RACEWAYS AND PANELBOARD CIRCUIT BREAKER TO BE REPLACED IN NEW WORK.
- D9. CONTRACTOR SHALL REMOVE ALL EXISTING HVAC SYSTEMS EQUIPMENT SERVING BUILDING. REMOVE ALL ASSOCIATED DUCTWORK, HANGER, CONDENSATE AND CONTROL SYSTEMS. PATCH AND REPAIR ANY EXTERIOR OR INTERIOR WALLS AS DIRECTED BY OWNER. COORDINATE WITH PLUMBING CONTRACTOR TO REMOVE GAS SERVICE PIPING FROM UNIT BACK TO METER. COORDINATE WITH ELECTRICAL CONTRACTOR FOR REMOVAL OF POWER.



2 PLUMBING DEMOLITION PLAN
 Scale: 3/16" = 1'-0"
 NORTH

1 MEP DEMO PLAN
 Scale: 3/16" = 1'-0"
 NORTH



Project Title

**CHEROKEE
 CATOOSA
 SMOKE SHOP**

Sheet Title

**MEP
 DEMOLITION
 PLAN**

Drawn: DMS,DSP
 Checked: GDG,TEM
 Reviewed: GDG,TEM
 Project Number

Seal Date: 07/07/2020



DMEP101

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Issue/Revision: Date: Drawn By: Check By:
REV 1-ADDED FINISHES 8/27/2020

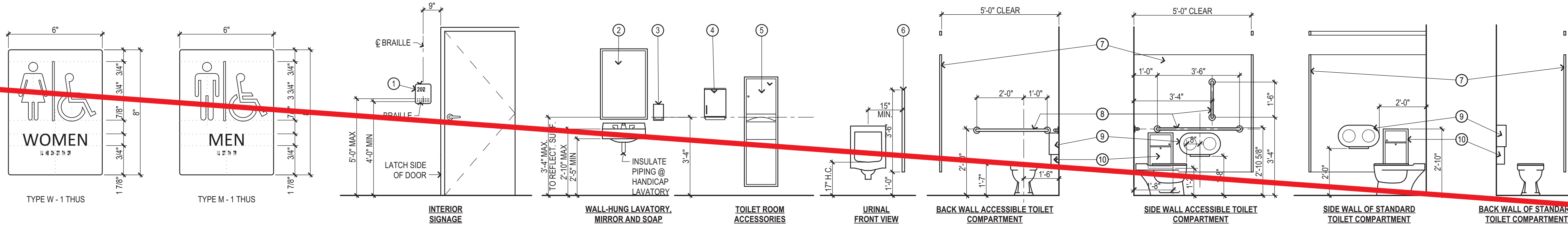
Sheet Title:

FLOOR PLAN

Sheet Number:

A101

- ① ROOM IDENTIFICATION SIGN, REFER SIGNAGE SCHEDULE
- ② 24"x36" FRAMED MIRROR EQUIVALENT TO: BRADLEY MODEL #780
- ③ SENSOR ACTIVATED SOAP DISPENSER EQUIVALENT TO: BRADLEY MODEL 6A01-11
- ④ PAPER TOWEL DISPENSER NOT USED
- ⑤ SENSOR ACTIVATED COMBINATION TOWEL DISPENSER / WASTE RECEPTACLE EQUIVALENT TO: BRADLEY MODEL #2A25
- ⑥ URINAL SCREEN MATCH METAL TOILET PARTITION
- ⑦ STAINLESS STEEL TOILET PARTITION EQUIV. TO BRADLEY SERIES 700 FLOOR AND CEILING BRACED
- ⑧ GRAB BAR EQUIVALENT TO: BRADLEY MODEL #812
- ⑨ DUAL ROLL TOILET PAPER DISPENSER, SURFACE MOUNTED EQUIVALENT TO: BRADLEY MODEL #5A10
- ⑩ SANITARY NAPKIN DISPOSAL EQUIVALENT TO: BRADLEY #4A10
- ⑪ 3'x7' HOLLOW METAL DOOR IN HM FULLY WELDED FRAME w/ PUSH PLATE, PULL LEVER, CLOSER, AND KICK PLATE. HARDWARE FINISH TO BE BRUSHED STAINLESS.
- ⑫ ALL NEW WALLS TO BE 3 5/8" MTL. STUDS AT 16" O.C. w/ 5/8" WATER RESISTANT GYPSUM BOARD EA. SIDE. w/ 3 1/2" UNFACED BATT INSULATION. EXTEND WALLS TO ROOF FRAMING OR 6" MIN. ABOVE ADJ. CEILINGS. PROVIDE PLYWOOD BLOCKING IN WALLS AT TOILET ACCESSORY LOCATIONS.

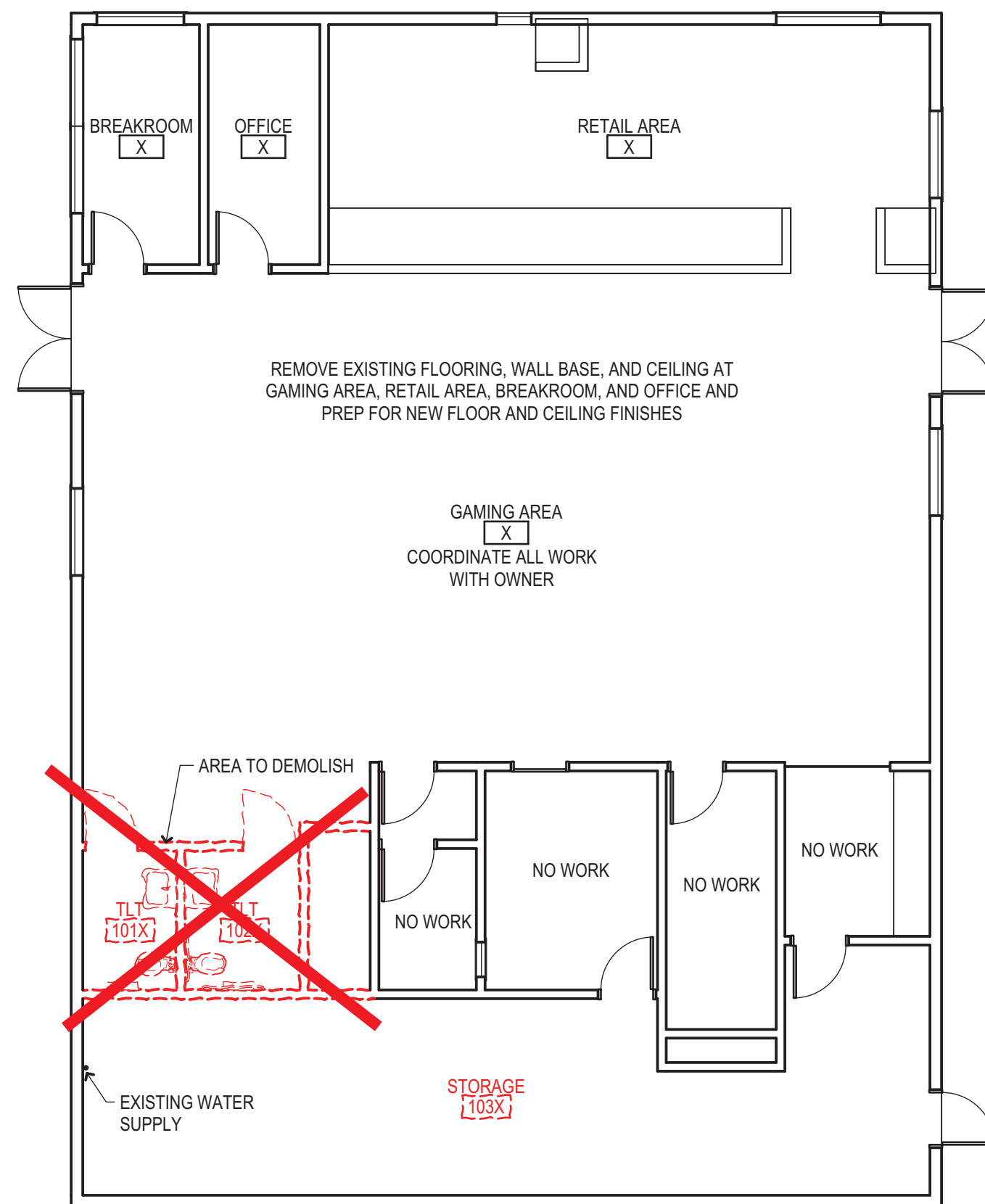


4 SIGNAGE SCHEDULE

3" = 1'-0"

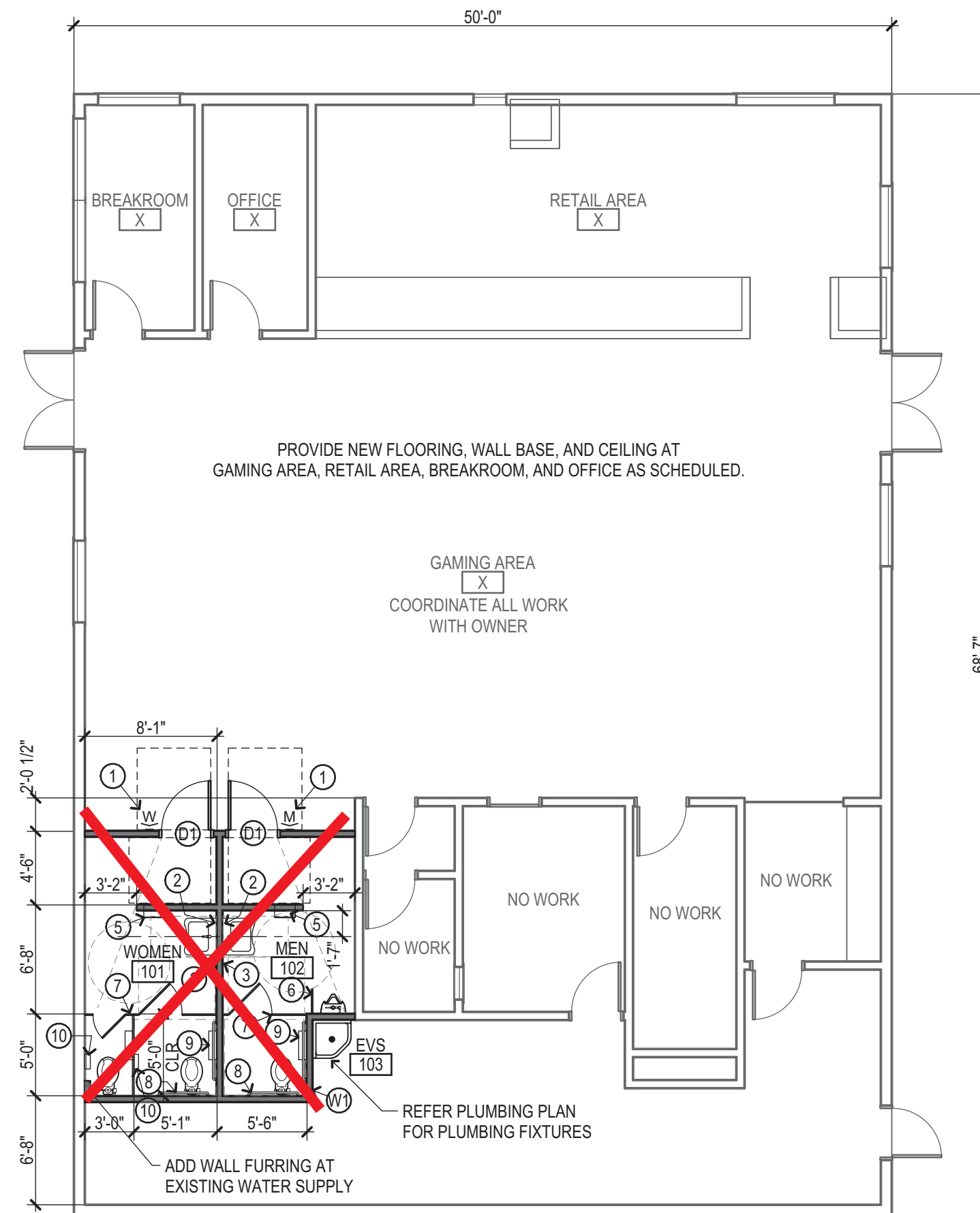
3 TYPICAL MOUNTING HEIGHTS

3/8" = 1'-0"



2 DEMOLITION PLAN

1/8" = 1'-0"



1 FLOOR PLAN

1/8" = 1'-0"

REFER MEP DRAWINGS FOR POWER, LIGHTING, PLUMBING AND HVAC REQUIREMENTS.

SCHEDULE OF FINISHES

- ~~FINISHES AT NEW TOILET ROOMS:~~
- FLOORS: POLYCRETE MDB, COLOR DARK GREY.
- WALL BASE: 4" HIGH BASE MATCHING FLOOR FINISH.
- WALLS: FULL HEIGHT CERAMIC TILE - EQUIV. TO DAL-TILE FABRIQUE 4x12 STACKED PATTERN; COLOR NOIR LINEN P689. GROUT COLOR EQUIV. TO MAPEI #10 BLACK. SEAL ALL GROUT.
- CEILING: PAINTED GYPSUM BOARDS CEILING AT TOILET ROOMS @ 8'-0" HIGH, ALL OTHER AREAS TO BE EXISTING CEILINGS. PAINT COLOR: OFF-WHITE, SEMI GLOSS SHEEN.
- NEW FINISHES AT GAMING AREA, RETAIL AREA, BREAKROOM, AND OFFICE:
- FLOORS: 36"x36" CARPET TILE PROVIDED BY OWNER, INSTALLED BY CONTRACTOR.
- WALL BASE: RUBBER BASE PROVIDED BY OWNER INSTALLED BY CONTRACTOR.
- WALLS: EXISTING
- CEILING: 15/16" WHITE 2x2 SUSPENDED CEILING GRID w/ ACOUSTICAL PANELS EQUAL TO ARMSTRONG CALLA TEGULAR EDGE, NRC=0.85.



Revision Date	Revision

PLUMBING KEYNOTES: (PX)

- P1. INSTALL NEW 2 INCH WATER SERVICE FROM METER TO BUILDING. INSTALL SLEEVE FOR WATER PIPING PASSING THROUGH FOOTINGS AND SLAB. EXTEND SLEEVE UP THROUGH SLAB 2 INCHES. SEAL SPACE BETWEEN SLEEVE AND PIPING WITH WATERPROOF CAULKING. PIPE SIZED FOR APPROXIMATELY 48 GPM AT 60 PSI. IF INCOMING PRESSURE EXCEEDS 80 PSI, PROVIDE REDUCING VALVE AND SET TO 60 PSI.
- P2. INSTALL SHUT-OFF VALVE AT 18 INCHES ABOVE FINISHED FLOOR. INSTALL 3/4" THREADED VALVE AT 24" ABOVE FINISHED FLOOR FOR BUILDING DRAIN. INSTALL LOCKING ACCESS PANEL AT VALVE LOCATION.
- P3. INSTALL EXISTING WATER HEATER ON SHELF ABOVE MOP SINK. ROUTE P&T TO MOP SINK.
- P4. CONNECT NEW WASTE PIPING TO EXISTING AT THIS APPROXIMATE LOCATION. CONTRACTOR SHALL ROD OUT EXISTING SEWER LINE.
- P5. CONNECT NEW VENT PIPING TO EXISTING VTR AT THIS APPROXIMATE LOCATION. VERIFY EXISTING VTR IS A MINIMUM 3 INCH.
- P6. INDICATES AREA OF SLAB CUTS. SLAB HAS BEEN IDENTIFIED BY OWNER TO BE POST TENSION. REPAIR SLAB AS DIRECTED BY OWNER.
- P7. ALL EXTERIOR CLEANOUTS SHALL BE INSTALLED IN CONCRETE FLUSH WITH FINISHED GRADE. CONCRETE SHALL EXTEND A MINIMUM OF 6 INCHES IN ALL DIRECTIONS AND A MINIMUM OF 6 INCHES DEEP.
- P8. EXTEND SEWER TO EXISTING BUILDING SEWER. CONTRACTOR SHALL VERIFY EXACT LOCATION AND INVERT OF EXISTING SEWER. INVERT OF NEW SEWER IS APPROXIMATELY 1.8' BELOW FINISHED FLOOR. VERIFY EXISTING SEWER TO BE CONNECTED TO IS A MINIMUM 4 INCH AND INVERT CAN BE OBTAINED. NOTIFY OWNER IF SIZE OR INVERT CANNOT BE OBTAINED.
- P9. EXTEND 1/2 COLD WATER LINE FOR CONNECTION TO DRINK STATION. INSTALL SHUT-OFF VALVE AT CAP.
- P10. NATURAL GAS SERVICE TO BUILDING. PIPE SIZE BASED ON 0.5 PSI AND A DISTANCE OF 150 FEET, AND A CONNECTED LOAD OF 300 MBH. NOTIFY ENGINEER IF PRESSURE OR FINAL EQUIVALENT LENGTH IS DIFFERENT. COORDINATE WITH SERVICE PROVIDER FOR EXISTING GAS METER ABILITY TO PROVIDE SERVICE WITH INCREASED DEMAND.

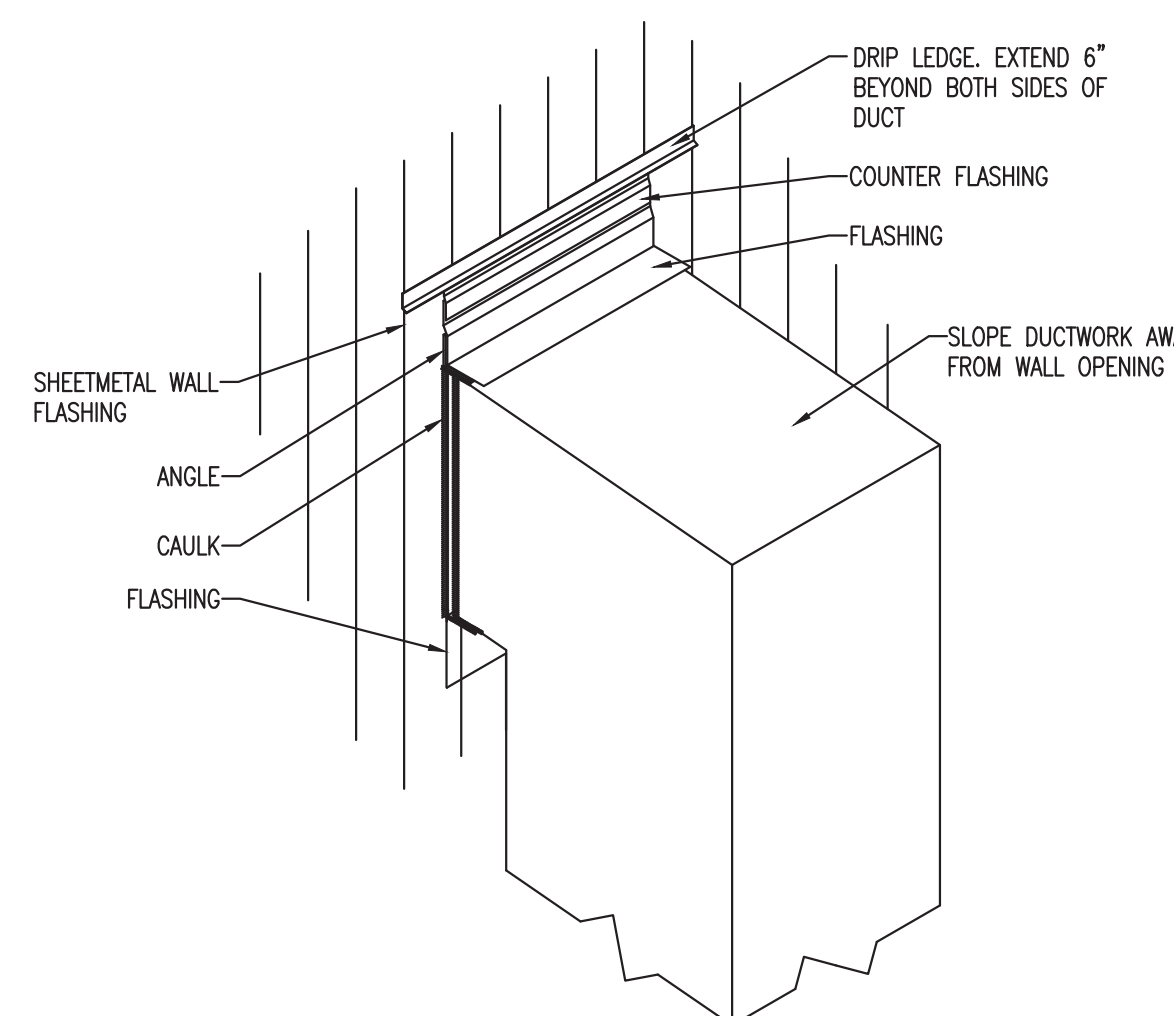
CFM	DUCT SIZE
50 - 75	5"
75 - 115	6"
115 - 160	7"
161 - 220	8"
221 - 290	9"
291 - 490	10"
491 - 700	12"

MECHANICAL KEYNOTES: (MX)

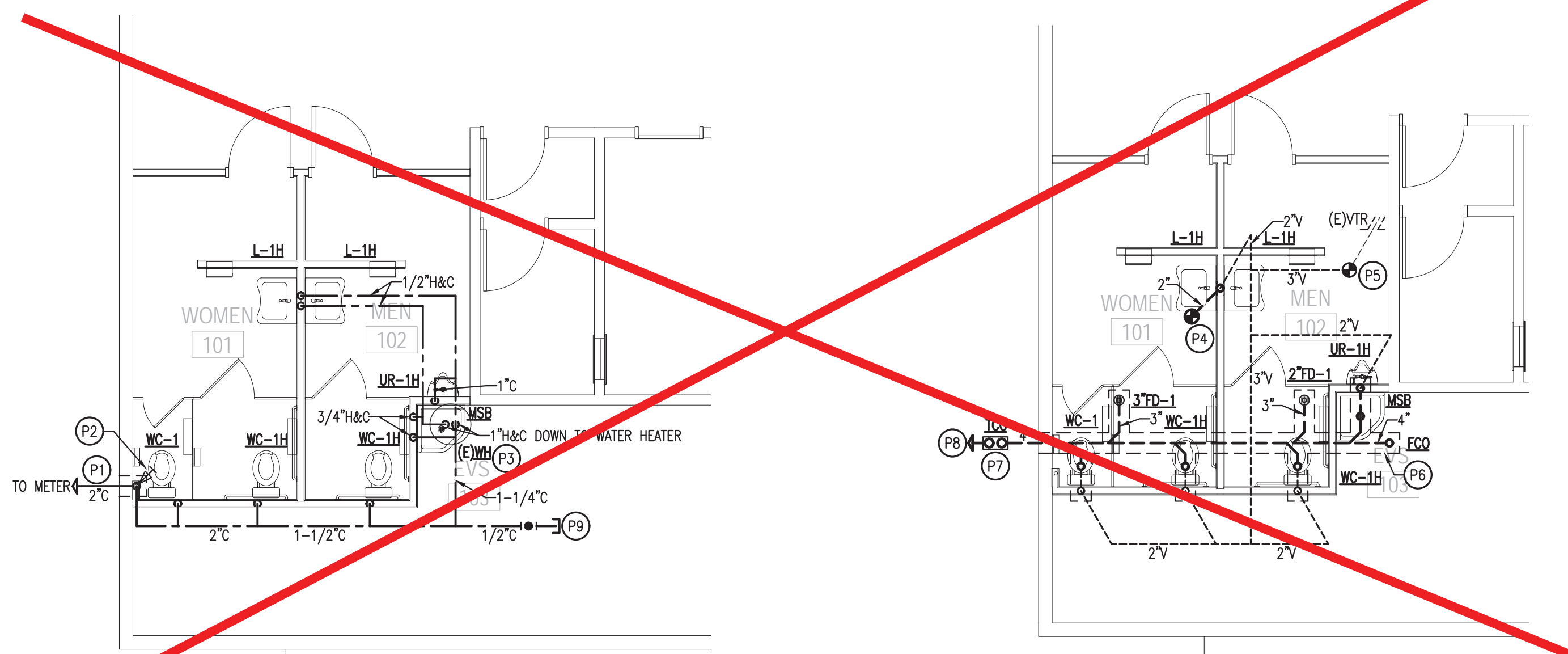
- M1. UNDERCUT DOOR MINIMUM 1 INCH.
- M2. ALL BALANCE DAMPERS SHALL HAVE A MINIMUM 2 INCH STAND-OFF HANDLE.
- M3. COORDINATE FINAL LOCATION OF ALL AIR DEVICES WITH LIGHTS, GRID AND ALL OTHER ARCHITECTURAL AND SECURITY FEATURES.
- M4. INSTALL THERMOSTAT AT 48 INCHES ABOVE FINISHED FLOOR. COORDINATE FINAL LOCATION OF THERMOSTAT WITH OWNER AND LAYOUT OF ALL ELECTRONIC GAMES. PROVIDE LOCKING COVER FOR THERMOSTAT.
- M5. ALL CONDENSATE PIPING SHALL BE FULLY INSULATED WITH A VAPOR BARRIER JACKET.
- M6. TAP TOP OF MAIN CONDENSATE DRAIN FOR ALL BRANCH LINES.
- M7. INSTALL CEILING MOUNTED FAN COIL. ALL CONDENSATE PIPE SHALL BE FULLY INSULATED WITH A VAPOR BARRIER TYPE OF INSULATION. COORDINATE FINAL LOCATION OF ALL FAN COILS WITH LIGHTS, GRID AND ALL OTHER ARCHITECTURAL AND SECURITY FEATURES.
- M8. INSTALL HVAC EQUIPMENT ON REINFORCED CONCRETE PAD. PAD SHALL EXTEND A MINIMUM OF 6 INCHES ABOVE FINISHED GRADE. INSTALL CONDENSERS PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS FOR SERVICE AND AIR FLOW.

MECHANICAL KEYNOTES: (MX)

- M9. ALL EXTERIOR DUCTWORK SHALL BE PRE MANUFACTURED DOUBLE WALL DUCTWORK. INSIDE AND OUTSIDE LAYERS OF DUCT SHALL HAVE SNAP LOCK SEAMS. INSIDE DUCT SHALL BE FORMED TO FOLD OVER DUCT INSULATION AND CONNECT TO DUCT MATE FLANGE THAT IS ATTACHED TO OUTER DUCT. INSULATION BETWEEN DUCTS SHALL BE 2 INCH. 3 POUND DUCT LINER. ALL EXTERIOR DUCT TO BE CONSTRUCTED PER LATEST SMACNA'S STANDARD.
- M10. PROVIDE SUPPORTS FOR ALL EXTERIOR DUCTWORK. SUPPORTS SHALL BE ANGLE OR CHANNEL IRON ON REINFORCED CONCRETE PADS. SPACE SUPPORTS AS DIRECTED IN SPECIFICATIONS FOR HUNG DUCTWORK.
- M11. ALL DUCT PENETRATIONS THROUGH EXTERIOR WALLS SHALL BE FLASHED AND COUNTERFLASHED. INSTALL DRIP LEDGE EXTENDING A MINIMUM OF 6 INCHES ON BOTH SIDES OF DUCT PENETRATION. RE: 5/MP101.
- M12. INSTALL MODE SELECTION BOX ABOVE CEILING. INSTALL PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS FOR PERFORMANCE, AIRFLOWS AND SERVICE. INSTALL BALL VALVES FOR EXTRA PORTS.
- M13. ROUTE REFRIGERANT LINES LOW TO EXTERIOR WALL. RISE UP WALL AND PENETRATE THROUGH EXTERIOR WALL AT 18 INCHES ABOVE FINISHED FLOOR. INSTALL SLEEVE AT WALL PENETRATION. SEAL SPACE BETWEEN SLEEVE AND REFRIGERANT PIPING WITH WATER PROOF CAULKING. INSTALL ESCUTCHEON PLATE ON EXTERIOR WALL. PROVIDE GRAVEL BED FOR ROUTING OF REFRIGERANT LINES. SUPPORT REFRIGERANT LINES ABOVE GRAVEL WITH TREATED 4x4 LUMBER AND STRAPPING. SIZE REFRIGERANT LINES PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS FOR FINAL INSTALLED EQUIVALENT LENGTH.

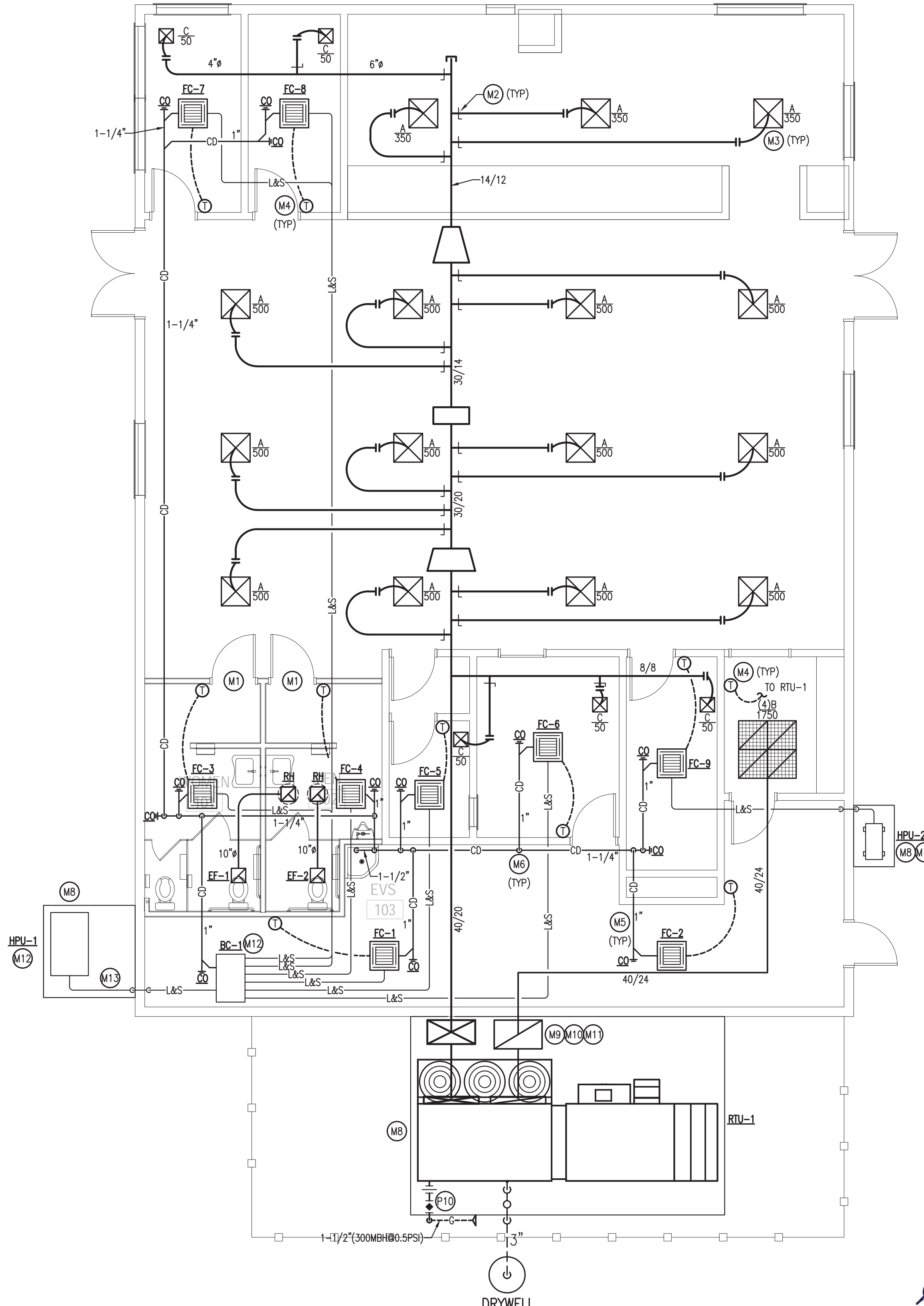


4 SIDEWALL DUCT PENETRATION DETAIL
Scale: NTS



3 PLUMBING WATER PLAN
Scale: 3/16" = 1'-0"
NORTH

2 PLUMBING WASTE AND VENT PLAN
Scale: 3/16" = 1'-0"
NORTH



1 MECHANICAL AND GAS PLAN
Scale: 3/16" = 1'-0"
NORTH

Project Title

**CHEROKEE
CATOOSA
SMOKE SHOP**

Sheet Title

**MECHANICAL
AND PLUMBING
PLANS**

Drawn: DMS,DSP Project Number

Checked: GDG,TEM

Reviewed: GDG,TEM

Seal Date

07/07/2020

Sheet Number

MP101



7/7/2020

POWER KEYNOTES: (PX)

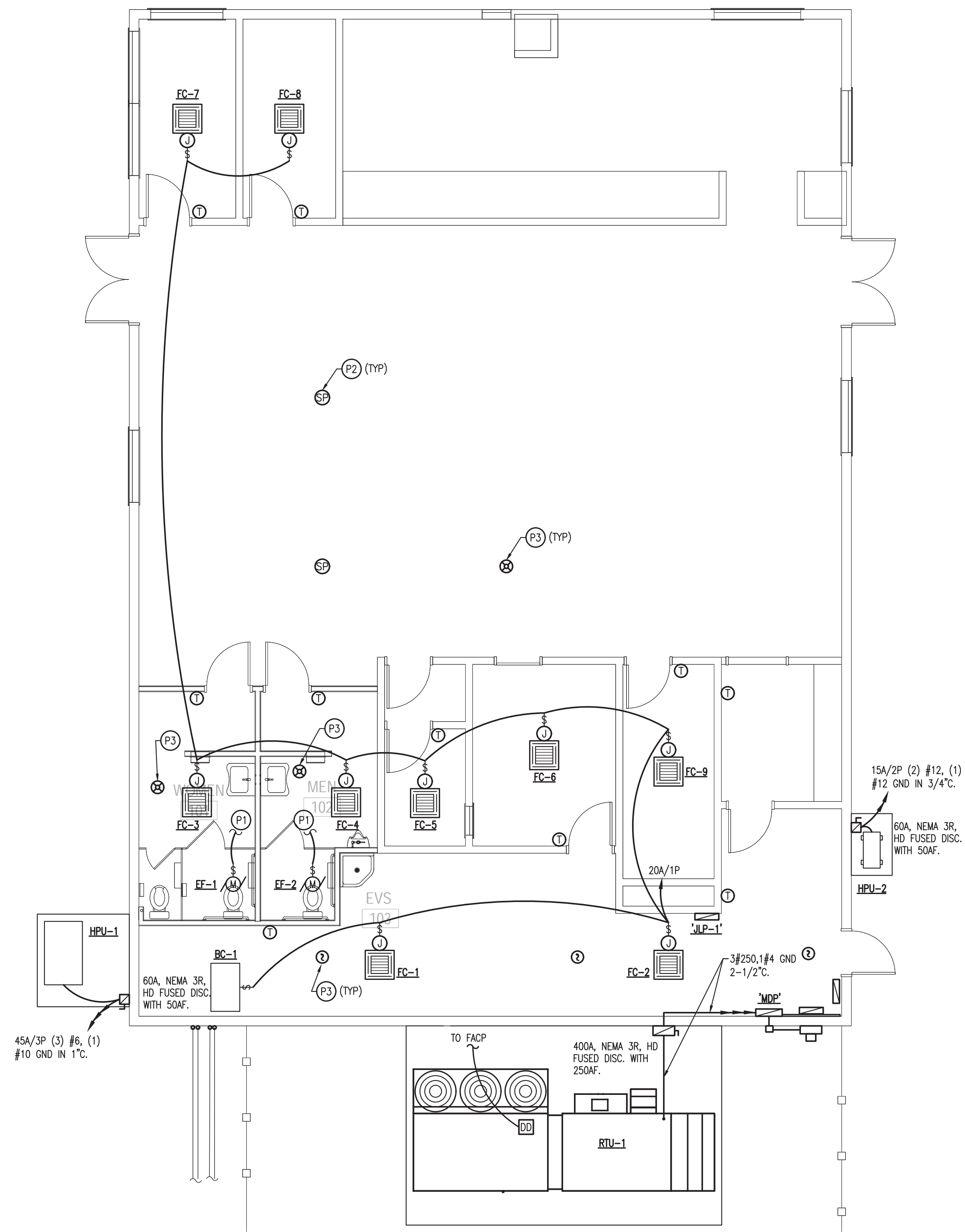
- P1. SWITCH EXHAUST FANS WITH LIGHTS.
- P2. REINSTALL SPEAKERS IN ORIGINAL GRID LOCATIONS.
- P3. REINSTALL FIRE ALARM DETECTION AND NOTIFICATION APPLIANCES BACK TO ORIGINAL LOCATIONS.

LIGHTING KEYNOTES: (LX)

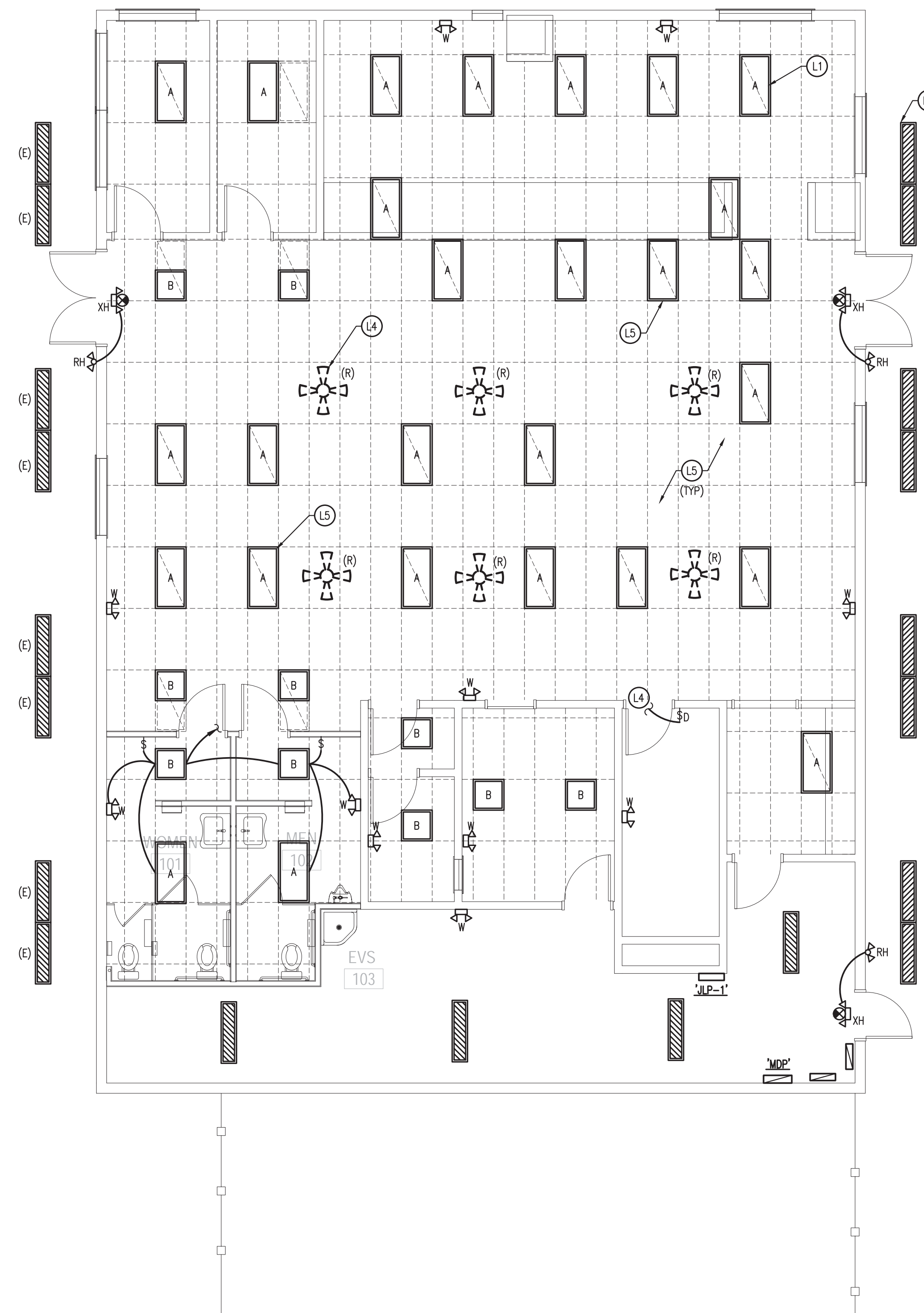
- L1. REPLACE LIGHTING WITH NEW, REUSE EXISTING WHIP, SWITCHING AND CIRCUIT. (TYP)
- L2. MODIFY EXISTING FIXTURE TO ACCEPT NEW LED TUBES TO MATCH EXISTING LUMENS AND IP65 RATING. (TYP)
- L3. REMOVE SMOKE CONTROL FANS. (TYP)
- L4. ROUTE GAMING FLOOR LIGHTING THROUGH NEW DIMMING POWER PACK AND DIMMING SWITCH. SWITCH LOCATION PER OWNER.
- L5. REINSTALL CEILING GRID AND TILES. PROVIDE NEW MATCHING TILES AND GRID AS NEEDED.

BY OWNER

Revision Date	Revision



2 POWER PLAN
 Scale: 3/16" = 1'-0"
 NORTH



1 LIGHTING PLAN
 Scale: 3/16" = 1'-0"
 NORTH

Project Title

**CHEROKEE
 CATOOSA
 SMOKE SHOP**

Sheet Title

**LIGHTING AND
 POWER PLANS**

Drawn

DMS,DSP Project Number

Checked

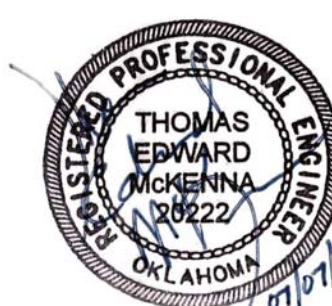
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E101