

04 NOTES

ARCHITECTURAL GENERAL NOTES:

1. ALL WORK SHALL COMPLY WITH THE CITY AND STATE'S BUILDING HEALTH RULES AND REGULATION. LOCAL ORDINANCES AND SUCH STATUTORY PROVISIONS WILL BE CONSIDERED AS MUCH AS A PART OF THESE SPECIFICATIONS.
2. CG SHALL FIELD VERIFIED ALL EXISTING DIMENSIONS AND PARTITIONS LOCATION, AND INFORM ARCHITECT.
3. THE DRAWINGS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. SHOULD A CONFLICT OCCUR, THE OWNER'S REPRESENTATIVE WILL DETERMINE THE INTENT OF THE DRAWINGS TO PROVIDE A COMPLETED AND FUNCTIONAL FACILITY. PERFORMANCE BY THE CONTRACTOR SHALL BE REQUIRED ONLY TO THE EXTENT CONSISTENT WITH THESE DRAWINGS AND REASONABLY INFERRABLE FROM THEM AS BEING NECESSARY TO PRODUCE THE INTENDED "FINISHED" RESULTS.
4. BEFORE ORDERING ANY MATERIALS OR DOING ANY WORK EACH CONTRACTOR AND SUBCONTRACTOR SHALL VERIFY ALL MEASUREMENTS AT THE SITE AND IN THE BUILDING AND SHALL BE RESPONSIBLE FOR THE ACTUAL DIMENSIONS AND THE DIMENSIONS INDICATED ON THE DRAWINGS. ALL WORK SHALL BE LAID OUT SUFFICIENTLY IN ADVANCE OF WORKMEN TO GIVE OPPORTUNITY FOR THE ARCHITECT TO ADJUST DISCREPANCIES OR RENDER DECISIONS WITHOUT CAUSING DELAY TO THE PROJECT BUT WORK SHOULD BE STOPPED WHEN NECESSARY AND IN NO CASE ALLOWED TO PROCEED IN UNCERTAINTY.
5. THESE DRAWINGS ARE FOR THIS SPECIFIC PROJECT AND NO OTHER USE IS AUTHORIZED.
6. ALL MATERIALS ARE NOT NOTED BY WORDS. IT IS INTENDED THAT THEY ARE UNDERSTOOD BY THE MATERIAL SYMBOL DRAWN.
7. WHERE A CONDITION IS NOTED "TYPICAL", IT IS UNDERSTOOD THAT ALL SIMILAR CONDITIONS ARE TO BE CONSTRUCTED OF THE SAME MATERIALS, FINISH AND/OR DIMENSIONS.
8. ALL DIMENSIONS ARE TO THE FACE OF STUDS, THE FACE OF FINISHED WALL, OR CENTERLINE OF STRUCTURAL COLUMN AND THE AFOREMENTIONED MATERIALS. CEILING ELEVATIONS, BEAM ELEVATION, SOFFIT ELEVATIONS ARE CLEAR "FINISHED" DIMENSIONS.
9. FURNISH AND INSTALL SOLID WOOD BLOCKING IN ALL INTERIOR STUD PARTITIONS WHERE STRUCTURAL SUPPORTS ARE REQUIRED FOR VANITIES, SHELVES, GRAB BARS, BENCHES. ETC.
10. WHERE DISSIMILAR MATERIALS MEET USE CAULKED JOINTS. USE METAL EDGES CORNERS AND STOPS AS REQUIRED ON ALL GYPSUM BOARD UNITS FOR FIRST CLASS FINISHED APPEARANCE.
11. ALL GYPSUM BOARD SHALL BE 5/8" "X" TYPE THROUGHOUT EXCEPT WHERE NOTED, AND SHALL INSTALL ACCORDING TO THE SPECIFICATION OF GYPSUM ASSOCIATION.
12. NO PLUMBING SUPPLIES, WASTES, ETC. TO BE LOCATED IN EXTERIOR WALLS EXCEPT FROST PROOF HOSE BIBS. ALL EXPOSED PIPES, DUCTS, CONDUIT SHALL BE ENCLOSED WITH GYPSUM BOARD ON FURRING INCLUDING THOSE NOT SHOWN ON THE DRAWINGS.
13. SLOPE 1" IN 4" RADIUS AROUND ALL FLOOR DRAINS.
14. ALL PLUMBING CHASES TO HAVE FULL BATT INSULATION.
15. EVERY CONTRACTOR SUBCONTRACTOR AND SUPPLIER SHALL PROVIDE A NOTARIZED STATEMENT OF ASSURANCE THAT NO PRODUCTS OR MATERIALS CONTAINING ASBESTOS WERE SUPPLIED OR INSTALLED ON THIS PROJECT.
16. COMBUSTIBLE MATERIALS OF ANY NATURE ARE NOT PERMITTED ABOVE THE CEILING
17. ALL CONTRACTORS MUST BE LICENSED TO WORK IN THE CITY
18. ANY AND ALL MATERIALS AND SUBSTANCE UTILIZED WITHIN THE PREMISES MUST BE ENVIRONMENTALLY SAFE AND NON-HAZARDOUS
19. INSTALL A SIGN THAT STATE THE OCCUPANT LOAD.
20. ALL BARRIER FREE FIXTURES AND ACCESSORIES ARE TO CONFORM TO THE AMERICANS WITH DISABILITIES ACT, THE STATE BARRIER FREE CODE AND ANY LOCAL ORDINANCES
21. INSTALL HANDICAP SIGN ON RESTROOM DOOR AND PARKING LOT SPACE. ALL SIGNS SHALL BE ADA APPROVED.

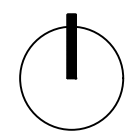
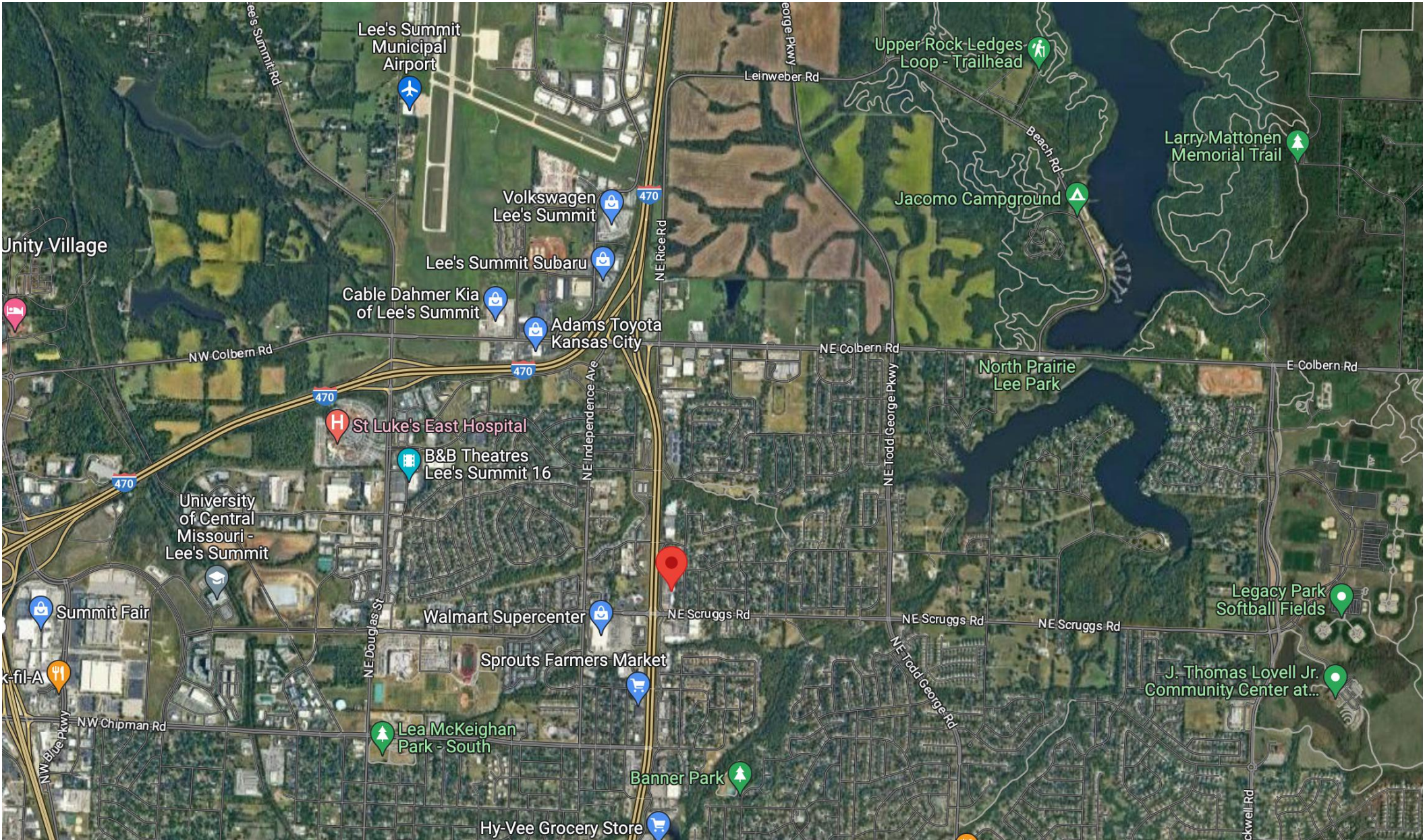
FIRE PROTECTION NOTES:

- 1.POSTING OF OCCUPANT LOAD. EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR AUTHORIZED AGENT.
2. MAINTENANCE OF FIRE-RESISTIVE ASSEMBLY FOR THE EXISTING DEMISING WALL: GC SHALL FIELD VERIFY AND MAINTAIN THE REQUIRED ONE HOUR FIRE-RESISTANT RATING OF FIRE-RESISTANCE-RATED CONSTRUCTION. SUCH ELEMENTS SHALL BE PROPERLY REPAIRED, RESTORED OR REPLACED WHEN DAMAGED, ALTERED, BREACHED OR PENETRATED. OPENINGS MADE THEREIN FOR THE PASSAGE OF PIPES, ELECTRICAL CONDUIT, WIRES DUCTS, AIR TRANSFER OPENINGS AND HOLES MADE FOR ANY REASON SHALL BE PROTECTED WITH APPROVED METHODS CAPABLE OF RESISTING THE PASSAGE OF SMOKE AND FIRE. OPENINGS THROUGH FIRE-RESISTANCE-RATED ASSEMBLIES SHALL BE PROTECTED BY SELF- OR AUTOMATIC- CLOSING DOORS OF APPROVED CONSTRUCTION MEETING THE FIRE PROTECTION REQUIREMENTS FOR THE ASSEMBLY.
3. INSTALLATION ACCEPTANCE TESTING: FIRE DETECTION AND ALARM SYSTEMS, FIRE EXTINGUISHING SYSTEM, FIRE HYDRANT SYSTEMS, AND ALL OTHER FIRE PROTECTION SYSTEMS AND APPURTENANCES THERETO SHALL BE SUBJECT TO ACCEPTANCE TESTS AS CONTAINED IN THE INSTALLATION STANDARD AND AS APPROVED BY THE FIRE CODE OFFICIAL. THE FIRE CODE OFFICIAL SHALL BE NOTIFIED BEFORE ANY REQUIRED ACCEPTANCE TESTING.
4. PORTABLE FIRE EXTINGUISHERS FOR COMMERCIAL COOKING EQUIPMENT. PORTABLE FIRE EXTINGUISHER SHALL BE PROVIDED WITH A 30 FOOT TRAVEL DISTANCE OF COMMERCIAL TYPE COOKING EQUIPMENT. COOKING EQUIPMENT INVOLVING VEGETABLE OR ANIMAL OILS AND FATS SHALL BE PROTECTED BY A CLASS K RATED PORTABLE EXTINGUISHER. A K-CLASS EXTINGUISHER SHALL BE PROVIDED AND LOCATED UNDER THE MANUAL PULL FOR THE HOOD.
5. PORTABLE FIRE EXTINGUISHERS SHALL BE SELECTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE NFPA
6. OWNER SHALL BE MAINTAIN ABC TYPE EXTINGUISHERS.
7. MAINTENANCE OF EXTERIOR DOORS AND OPENINGS: EXTERIOR DOORS AND THEIR FUNCTION SHALL NOT BE ELIMINATED WITHOUT PRIOR APPROVAL.
8. THE FINAL DETERMINATION FOR THE REQUIREMENTS OF EXIT SIGNAGE AND EMERGENCY LIGHTING SHALL BE MADE IN THE FIELD.
9. THE ADDRESS SHALL BE POSTED ON FRONT AND REAR: FRONT IS MINIMUM 6" LETTERS OF CONTRASTING COLOR TO BACKGROUND AND BACK MAY BE 1" LETTERS.
10. A KNOX BOX SHALL BE PROVIDED NEAR THE MAIN ENTRANCE TO THE BUILDING (IFC-2018 § 506.1). TO ENSURE PROPER KEYING TO KANSAS CITY, MISSOURI; KNOX BOXES MAY BE ORDERED ONLINE AT WWW.KNOXBOX.COM OR ON AN OFFICIAL ORDER FORM OBTAINED THROUGH THIS OFFICE.
11. PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED PER (IFC-2018 § 906.1.906.2). ABC AND CLASS K

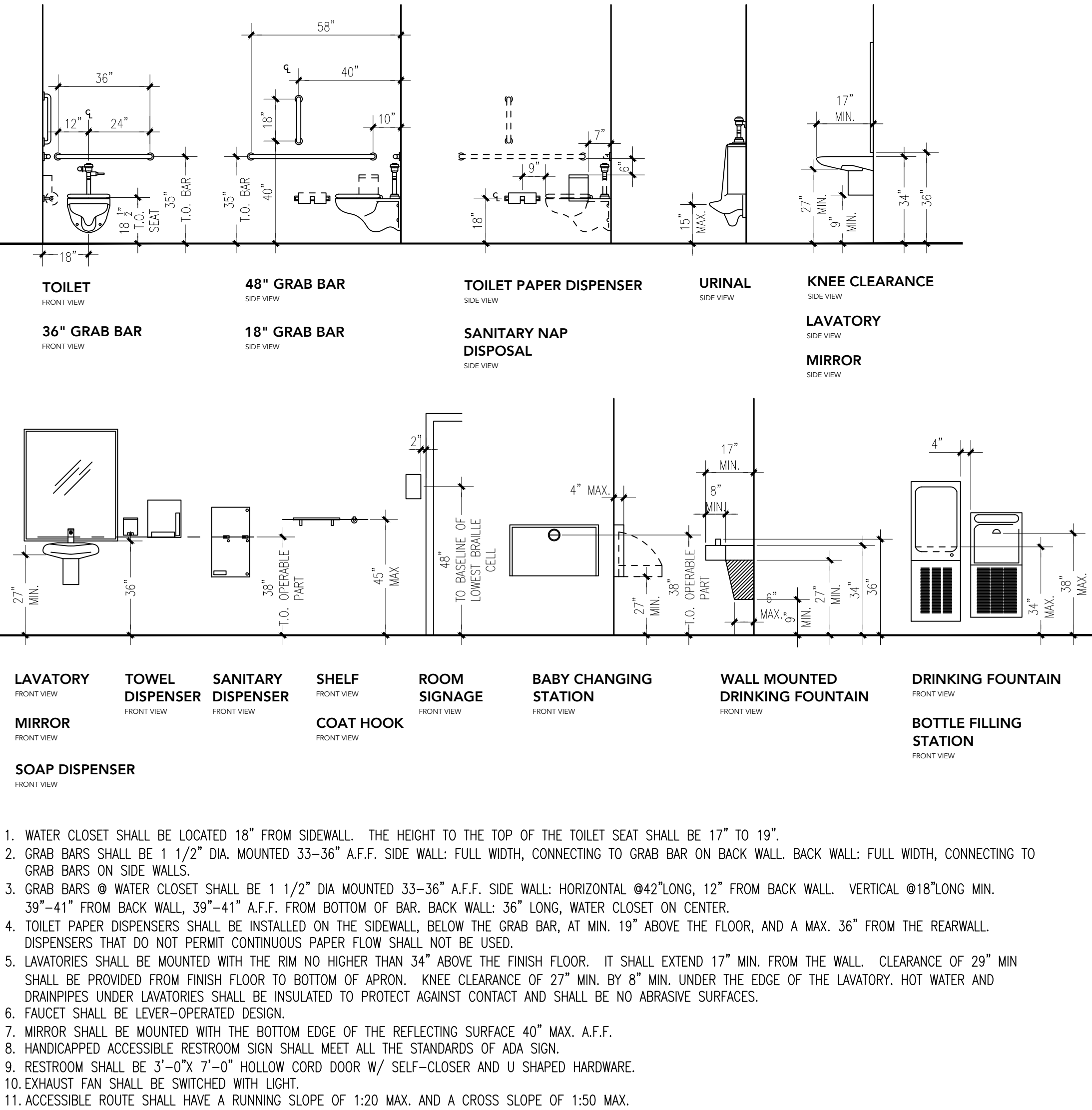
SMOKING ORDINANCE IN LEE'S SUMMIT:

THE CITY OF LEE'S SUMMIT HAS AN ORDINANCE WHICH PROHIBITS SMOKING IN VIRTUALLY ALL ENCLOSED AREAS OF PUBLIC PLACES AND PLACES OF EMPLOYMENT. PER THE ORDINANCE, A "NO SMOKING" SIGN OR THE INTERNATIONAL "NO SMOKING" SYMBOL (CONSISTING OF A BURNING CIGARETTE ENCLOSED IN A RED CIRCLE WITH A RED BAR ACROSS IT) SHALL BE CLEARLY AND CONSPICUOUSLY POSTED AT EVERY ENTRANCE WHERE SMOKING IS PROHIBITED. THE PERSON WHO OWNS, MANAGES, OPERATES OR OTHERWISE CONTROLS A PUBLIC PLACE OR PLACE OF EMPLOYMENT IS RESPONSIBLE FOR COMPLIANCE WITH THE CLEAN INDOOR AIR ACT. QUESTIONS REGARDING THE CLEAN INDOOR AIR ACT MAY BE DIRECTED TO DEVELOPMENT SERVICES AT (816) 969-1200.


02 SITE CONTEXT





03 ADA RESTROOM MOUNTING HEIGHTS FOR BATHROOM ACCESSORIES





05 KEY


 FLOOR DRAIN/SINK


 PORTABLE FIRE EXTINGUISHER


 EMERGENCY EXIT FIXTURE WITH 90 MIN. BACK-UP


 RELOCATED EXIST. COMBINATION OF EXIT & EMERGENCY LIGHT UNIT WITH 90 MIN. BACK-UP

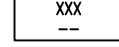
 ELEC. PANEL EXISTING


 SINGLE SWITCH 48" A.F.F. TYP. RELOCATE EXISTING OR PROVIDE NEW AS NECESSARY

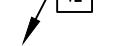
 ELECT. RECEPTACLE ELEVATION PER OWNER RELOCATE EXISTING OR PROVIDE NEW AS NECESSARY


 EXHAUST FAN SWITCHED WITH LIGHT VENT THROUGH ROOF TO THE EXTERIOR

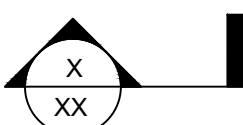
 REVISION CLOUD

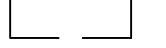
 ROOM NAME

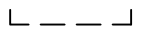
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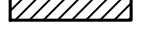
 280 POWER OUTLET


 SECTION CUT

 DEMISING WALL

 NEW LOW WALL/ CABINETRY PER OWNER

 NEW WALL

 EXISTING WALL

 DEMO WALL

01 BUILDING INFORMATION

ON JANUARY 8, 2019, THE LEE'S SUMMIT CITY COUNCIL ADOPTED NEW BUILDING CODE REGULATIONS (ORDINANCE #8536) AND A NEW FIRE CODE (ORDINANCE #8537). THESE ORDINANCES ADOPT PROVISIONS FROM THE FOLLOWING NATIONALLY PUBLISHED CONSTRUCTION CODES:

- 2018 INTERNATIONAL BUILDING CODE
 - 2018 INTERNATIONAL PLUMBING CODE
 - 2018 INTERNATIONAL MECHANICAL CODE
 - 2018 INTERNATIONAL FUEL GAS CODE
 - 2018 INTERNATIONAL RESIDENTIAL CODE
 - 2018 INTERNATIONAL FIRE CODE
 - 2017 NATIONAL ELECTRICAL CODE
- ICC/ANSI A117.1-2009, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

SCOPE OF WORK

THE REMODELING OF AN EXISTING BUSINESS INSIDE OF AN ESTABLISHED SHOPPING CENTER TO MEET THE NEEDS OF THE NEW SALON BUSINESS OPERATION UNDER THE NEW OWNERSHIP.

CODE AND OCCUPANT LOAD DATA

OCCUPANCY TYPE: B
CONSTRUCTION TYPE: 2B
FLOOR AREA: 2,200 SQ. FT
NOT A CHANGE OF USE

MAX. OCCUPANCY LOAD: 2,200/150= 15
OCCUPANCY LOAD CALCULATIONS BASED ON: 1004.1.2

ACTUAL DESIGNED OCCUPANCY LOAD:
TOTAL 24 PEOPLE.
12 MANICURIST. MAXIMUM PER SHIFT WORKING WITH CLIENT BY APPOINTMENT.
12 CLIENTS SERVED AT EITHER MANICURE, CURING STATION OR PEDICURE CHAIR

NO OF EXIT REQUIRED: 1 / PROVIDED: 2
NO OF RESTROOM REQUIRED: 1 / PROVIDED: 2
NO. OF STORIES: 1

THIS IS NOT A SPRINKLED BUILDING AND NO EXISTING FIRE ALARM IN THE BUILDING.

PLUMBING FIXTURES

EXISTING TO REMAIN: NO CHANGE.

REQUIRED:
WATER CLOSET(S): 2
LAVATORY(S): 2

PROVIDED:
WATER CLOSET(S): 2
LAVATORY(S): 2

PLANNING AND DEVELOPMENT

PARKING DATA

PARKING- NO CHANGE OF USE

PARKING PROVIDED BY DEVELOPER HAS COMPLY WITH THE CITY'S STANDARDS FOR OFF-STREET PARKING. ACCESSIBLE PARKING SPACES AND RAMPS ARE LOCATED IN FRONT OF THIS FACILITY.

NO NEW/EXISTING RTU CAN BE SIGHTED FROM GROUND LEVEL. IF SO GC SHALL PROVIDE RTU SCREEN MATCHING BUILDING MATERIALS AND APPROVED BY CITY.

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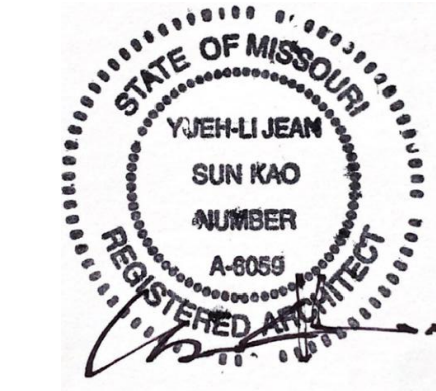
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SHEET INDEX:

T	TITLE PAGE
A101	EXISTING FLOOR PLAN
A102	PROPOSED FLOOR PLAN
A103	PROPOSED CEILING PLAN
A104	DETAILS + SCHEDULES
E200	POWER PLAN
E201	LIGHTING PLAN
E202	SYSTEMS POWER PLAN
E300	ELECTRICAL NOTES
P200	PLUMBING FLOOR PLAN
M200	MECHANICAL FLOOR PLAN
MP300	PLUMBING NOTES
MP400	PLUMBING DIAGRAMS
MP400	MECHANICAL NOTES

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M/E/P:
NAME: GREG GLADFELTER
ADDRESS: 10233 MILLSTONE DRIVE,
#4112 LENEXA, KS 66220
TEL: 816-916-4675

ISSUE PACKAGE:

NO: _____ DATE _____

OWNER: --

EMAIL: --

DRAWN BY: JRK
CHECKED BY: YJK
PROJECT: NAIL SALON

DATE 08/02/2023

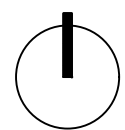
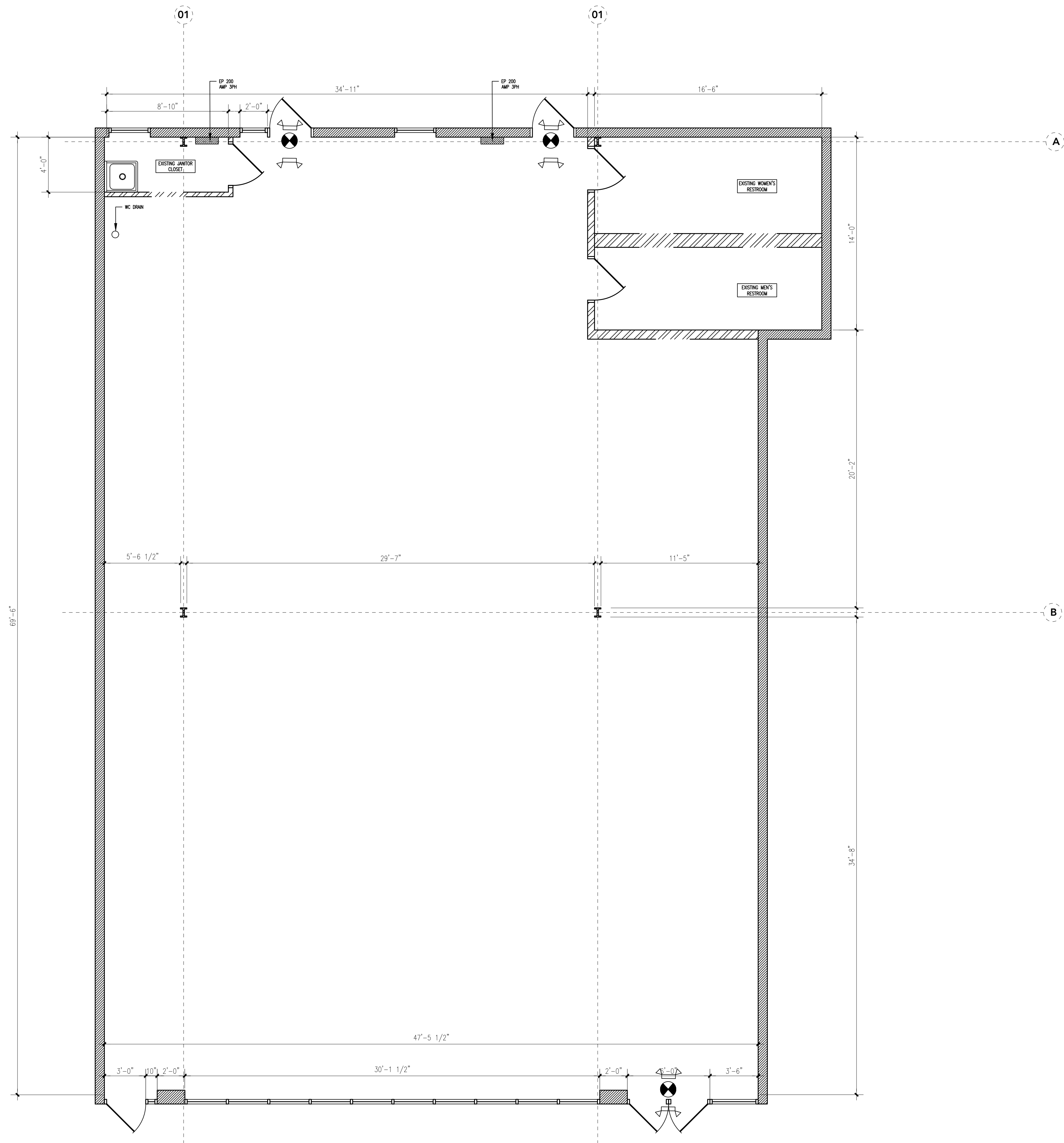
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SCALE 1/4" = 1'-0"

SHEET NUMBER

T



01

EXISTING / DEMO FLOOR PLAN

SCALE: $\frac{1}{4}" = 1'-0"$

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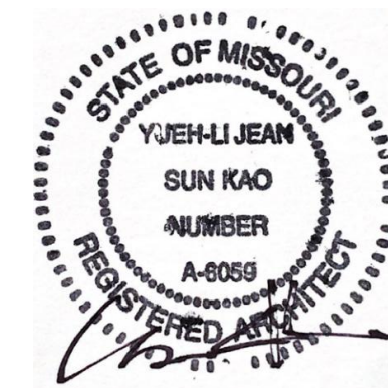
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09/26/2023

SHEET INDEX:

T	TITLE PAGE
A101	EXISTING FLOOR PLAN
A102	PROPOSED FLOOR PLAN
A103	PROPOSED CEILING PLAN
A104	DETAILS + SCHEDULES
E200	POWER PLAN
E201	LIGHTING PLAN
E202	SYSTEMS POWER PLAN
E300	ELECTRICAL NOTES
P200	PLUMBING FLOOR PLAN
M200	MECHANICAL FLOOR PLAN
MP300	PLUMBING NOTES
MP301	PLUMBING DIAGRAMS
MP400	MECHANICAL NOTES

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DRAWN BY: JJK
CHECKED BY: YJK
PROJECT: NAIL SALON

DATE 08/02/2023

DRAWING

EXISTING
AND PROPOSED
FLOOR PLAN

SCALE $\frac{1}{4}" = 1'-0"$

SHEET NUMBER

A101

**LAVISH
NAILS &
LASHES, LLC**

T	TITLE PAGE
A101	EXISTING FLOOR PLAN
A102	PROPOSED FLOOR PLAN
A103	PROPOSED CEILING PLAN
A104	DETAILS & SCHEDULES
E200	POWER PLAN
E201	LIGHTING PLAN
E202	SYSTEMS POWER PLAN
E300	ELECTRICAL NOTES
P200	PLUMBING FLOOR PLAN
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MP301	PLUMBING DIAGRAMS
MP400	MECHANICAL NOTES

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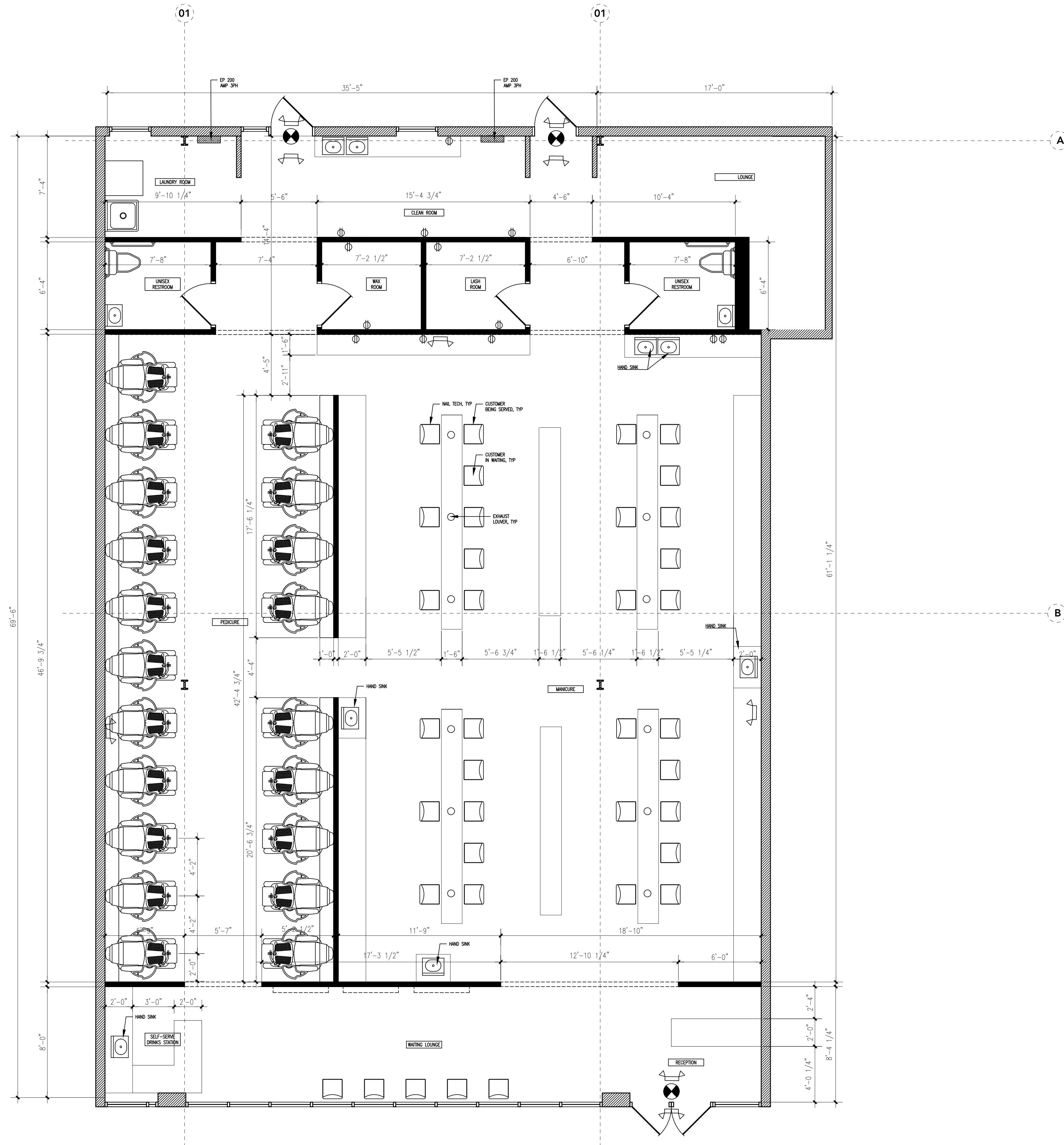
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DRAWN BY: JRK
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PROJECT: NAIL SALON

DETAILS + SCHEDULES

A102

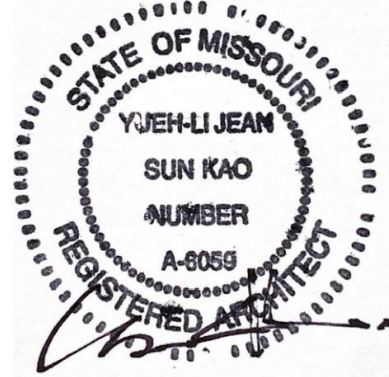
1. CABINETRY BY OWNERS REQUEST. TOP OF COUNTER @34" AFF
2. ADA HAND SINK. SEE SHEET T FOR MOUNTING HEIGHT.
3. EXHAUST DUCT ABOVE NAIL STATIONS AND PEDICURE STATIONS
EXHAUSTING ODOR AT SOURCE 50 CFM EACH VIA EXHAUST FAN
THROUGH ROOF. FINALIZED LOCATION OF CHASE WITH OWNER.
4. SIGN "THIS DOOR SHALL BE REMAIN UNLOCK DURING BUSINESS
HOURS"
5. NAIL DRYER BATTERY POWER, TABLE TOP MODEL



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T	TITLE PAGE
A101	EXISTING FLOOR PLAN
A102	PROPOSED FLOOR PLAN
A103	PROPOSED CEILING PLAN
A104	DETAILS + SCHEDULES
E200	POWER PLAN
E201	LIGHTING PLAN
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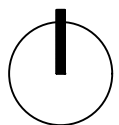
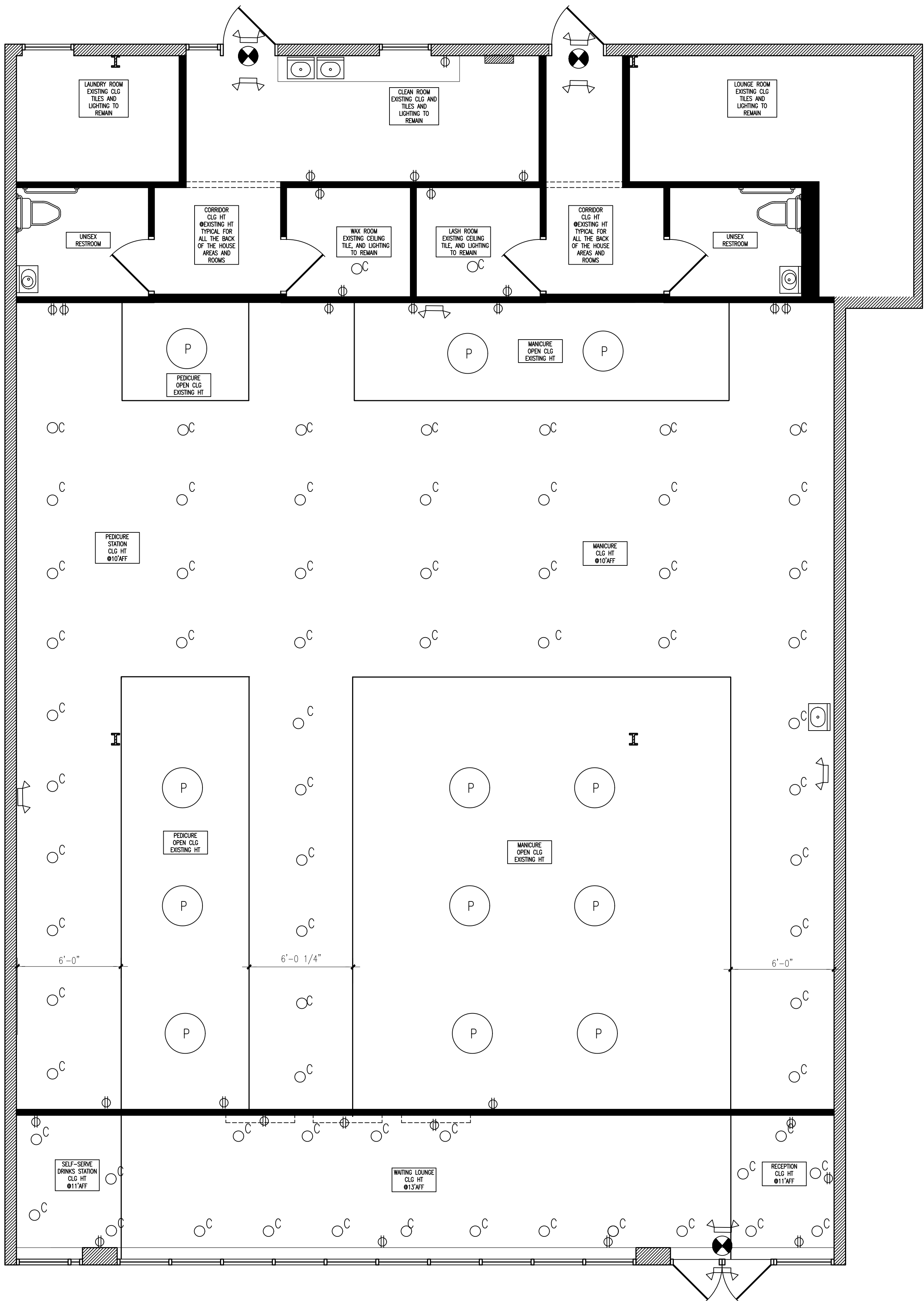
DATE 08/02/2023

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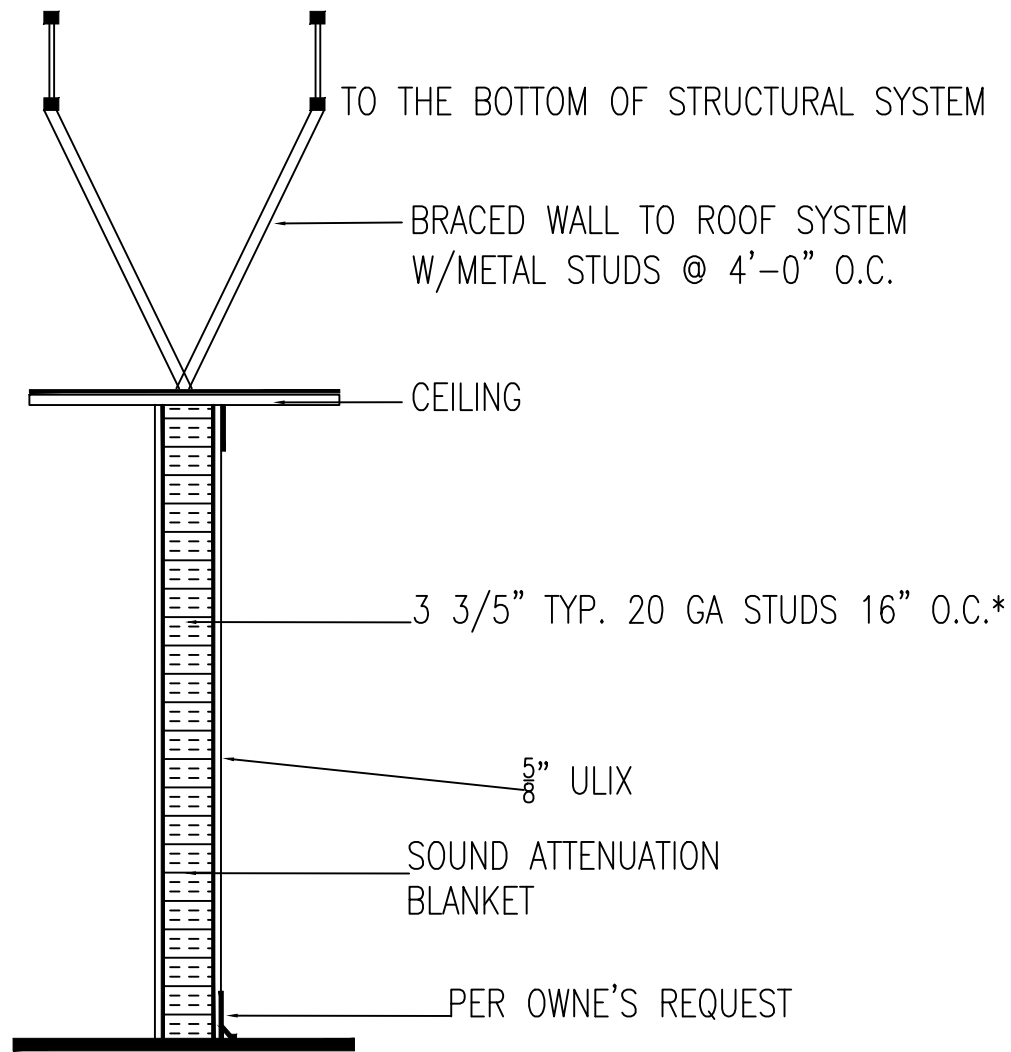
A103



01 REFLECTIVE CEILING PLAN

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

04 NEW DEMISING WALL, TYP



01 PEDICURE CHAIR SPECIFICATIONS

WEIGHT – 250 LBS
DIMENSIONS – 53”L X 30”W X 54”H
ULTRA CLEANJET™ 1/5HP 120V 2AMP 60HZ. DISCHARGE PUMP 110V 5.5AMP 60HZ. MUST MEET LOCAL CODES. GROUND FAULT INTERRUPTER REQUIRED.
TUB CAPACITY – 5 US GALLON.
CERTIFICATIONS – CSA (CANADIAN STANDARDS ASSOCIATION) APPROVED & UL LISTED.
DRAIN SOURCE – 1–1/4” DRAIN. 1/2” IF DISCHARGE INSTALLED. MUST MEET LOCAL PLUMBING CODES USING SCHEDULE 40 DRAIN PIPE AND APPROPRIATE TRAPS.
WATER SOURCE – 1/2” PIPE THREAD FITTING HOT AND COLD. MUST MEET LOCAL PLUMBING CODES. NORMAL WATER PRESSURE OF 30 – 120 PSI REQUIRED.
ELECTRICAL – 2 WHIRLPOOL ULTRA CLEANJET™ 1/5HP 120V 2AMP 60HZ. DISCHARGE PUMP 110V 5.5AMP 60HZ. MUST MEET LOCAL CODES. GROUND FAULT INTERRUPTER REQUIRED.
50CFM EXHAUST BUILT-IN.

02 INTERIOR FINISH SCHEDULE

INTERIOR FINISH SCHEDULE, EXISTING TO REMAIN			
ROOM	FLOOR	CEILING	WALL
PED/NAIL AREA	CERAMIC TILE W/MATCHING COVE BASE	GYP BOARD / OPEN CEILING	2–COATS OF WASHABLE PAINT
DRINK COUNTER	CERAMIC TILE W/MATCHING COVE BASE	GYP BOARD	2–COATS OF WASHABLE PAINT/TILE/SS
REST ROOM	CERAMIC TILE W/MATCHING COVE BASE	2X4 LAY–IN CLIMAPLUS CT OR EQUAL	TILE TO 6' AFF & WASHABLE PAINT
WASH ROOM CLEAN ROOM BRAKE ROOM	CERAMIC TILE W/MATCHING COVE BASE	EXISTING 2X4 LAY–IN CT,	2–COATS OF WASHABLE PAINT

INTERIOR WALL AND CEILING FINISH MATERIALS SHALL COMPLY WITH IBC 2018 CHAPTER 803.1 AND TESTED IN ACCORDANCE WITH NFPA 286.

03 DOOR SCHEDULE

DOOR SCHEDULE, EXISTING TO REMAIN			
ROOM	MATERIAL	SIZE	REMARKS–HEAVY DUTY COMMERCIAL, ANSI, ADA
EXISTING FRONT EXIT DOOR	STORE FRONT ALUMN	6'-0" x 7'-0"	CLOSER, PUSH/PULL PLATE, LOCK
EXISTING REAR EXIT DOOR	HOLLOW MTL	6'-0" x 7'-0"	CLOSER, PUSH PANIC BAR
WAX DOOR	WOOD–SC, MTL FRAME, PREHUNG	3'-0" x 6'-8"	TIGHT FITTING, CLOSER, PRIVACY LOCK SET
RESTROOM DOOR	WOOD–SC, MTL FRAME, PREHUNG	3'-0" x 6'-8"	TIGHT FITTING, CLOSER, PRIVACY LOCK SET

DOOR NOTES:
1. LATCH SIDE CLEARANCES AT ALL DOORWAYS SHALL BE IN ACCORDANCE W/ A 117.1 AND IN COMPLIANCE WITH IBC 2018 1008 AND 1010.1.99
2. ALL EXITS TO BE LABELED.
3. INTERIOR TO BE LABELED AS TO INTENDED USE.
4. PANIC HARDWARE ON ALL EXTERIOR DOORS
5. THE OPERATING DEVICE ON ALL DOORS SHALL BE CAPABLE OF OPERATION WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE.
6. LANDING SHALL BE PROVIDED AT EVERY REQUIRED EXIT AND THEY SHALL BE A MINIMUM OF 36 INCHES IN WIDTH AND 44 INCHES LONG IN THE DIRECTION OF TRAVEL.

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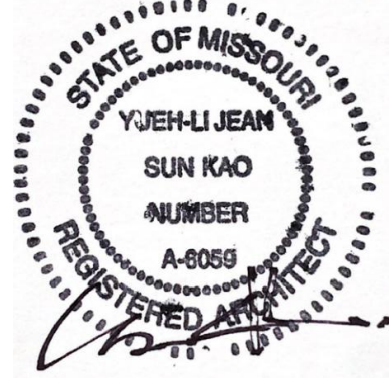
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T	TITLE PAGE
A101	EXISTING FLOOR PLAN
A102	PROPOSED FLOOR PLAN
A103	PROPOSED CEILING PLAN
A104	DETAILS + SCHEDULES
E200	POWER PLAN
E201	LIGHTING PLAN
E202	SYSTEMS POWER PLAN
E300	ELECTRICAL NOTES
P200	PLUMBING FLOOR PLAN
M200	MECHANICAL FLOOR PLAN
MP300	PLUMBING NOTES
MP301	PLUMBING DIAGRAMS
MP400	MECHANICAL NOTES

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ADDRESS: 10233 MILLSTONE DRIVE,
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ISSUE PACKAGE:

NO: _____ DATE _____

OWNER: --
EMAIL: --

DRAWN BY: JRK
CHECKED BY: YJK
PROJECT: NAIL SALON

DATE 08/02/2023

DRAWING

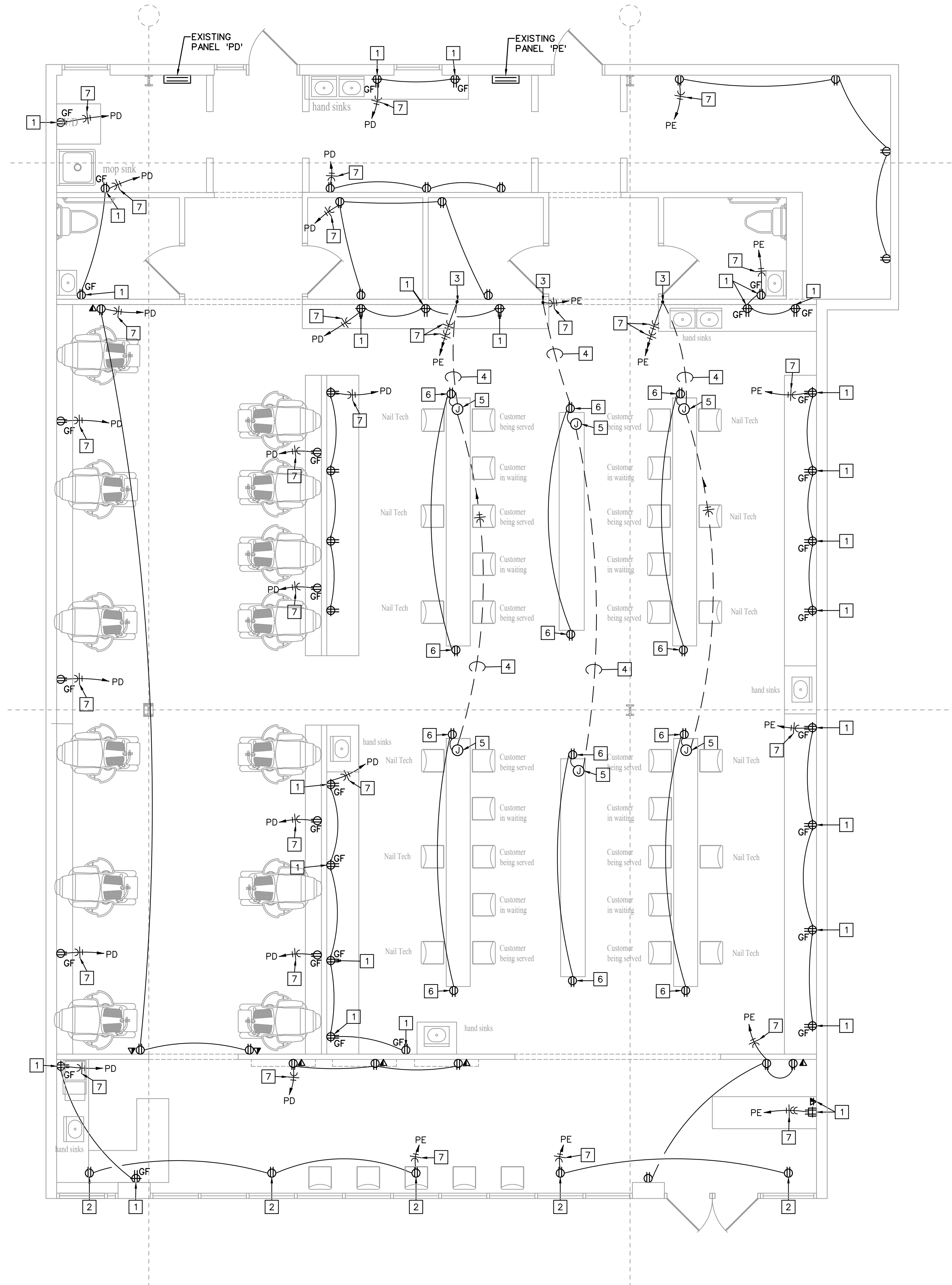
DETAILS +
SCHEDULES

SCALE 1/4" = 1'0"

SHEET NUMBER

A104

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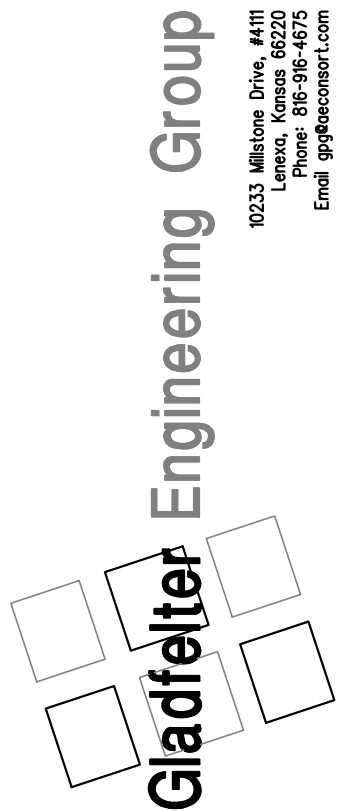
POWER PLAN
1/4" = 1'-0"
NORTH

POWER PLAN NOTES

1. INSTALL OUTLET BOX FOR WIRING DEVICE AT 42" AFF.
2. SHOW WINDOW RECEPTACLE INSTALLED ON WALL OR IN CEILING ABOVE WINDOW WITHIN 12" OF WINDOW OPENING PER NEC.
3. 3/4" CONDUIT UP IN WALL TO ABOVE ACCESSIBLE CEILING.
4. SAW-CUT EXISTING FLOOR AND INSTALL (1) NEW 3/4" PVC CONDUIT TO JUNCTION BOX IN COUNTER. PATCH AND REPAIR FLOOR BACK TO EXISTING CONDITIONS.
5. J-BOX INSTALLED IN COUNTER FOR CONNECTION OF RECEPTACLES IN COUNTER. VERIFY EXACT LOCATION WITH TENANT/ARCHITECT PRIOR TO INSTALLATION.
6. RECEPTACLE INSTALLED IN COUNTER. VERIFY EXACT HEIGHT AND LOCATION WITH TENANT/ARCHITECT PRIOR TO INSTALLATION.
7. ROUTE HOMERUN TO PANEL INDICATED AND CONNECT TO SPARE 20A/1P CIRCUIT BREAKER MADE AVAILABLE DUE TO DEMOLITION.



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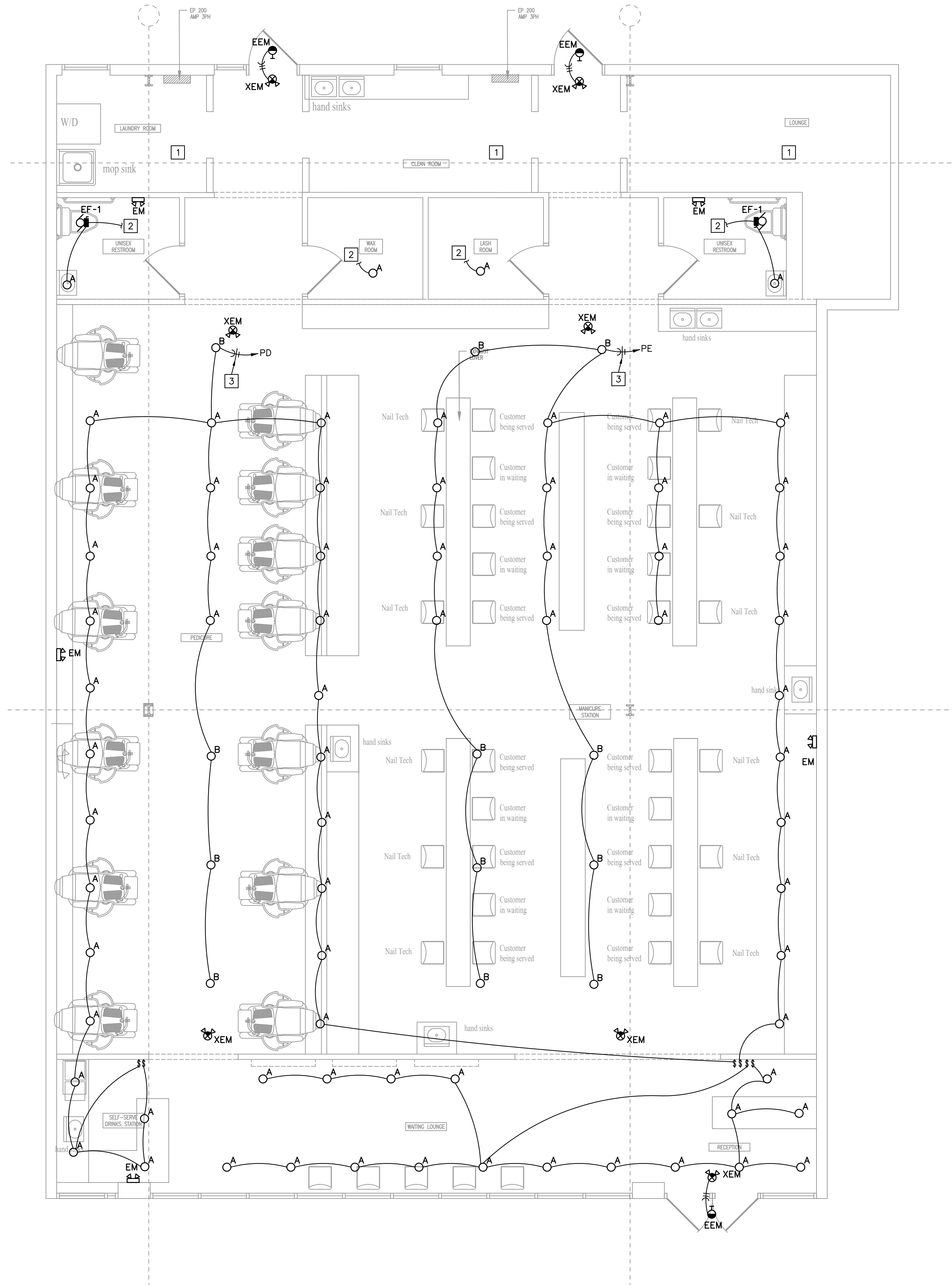


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E200

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

LIGHTING PLAN NOTES

1. ALL LIGHT FIXTURES IN THIS AREA ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
2. CONNECT TO EXISTING LIGHT FIXTURE IN THIS AREA AND CONTROL IN A SIMILAR MANNER.
3. ROUTE HOMERUN TO PANEL INDICATED AND CONNECT TO SPARE 20A/1P CIRCUIT BREAKER MADE AVAILABLE DUE TO DEMOLITION.

STATE OF MISSOURI
GREGORY P. GLADFELTER
NUMBER E-2000150421
REGISTERED PROFESSIONAL ENGINEER
09/25/2023

LS SALON
1209 NE Rice Rd
LEE'S SUMMIT, MO

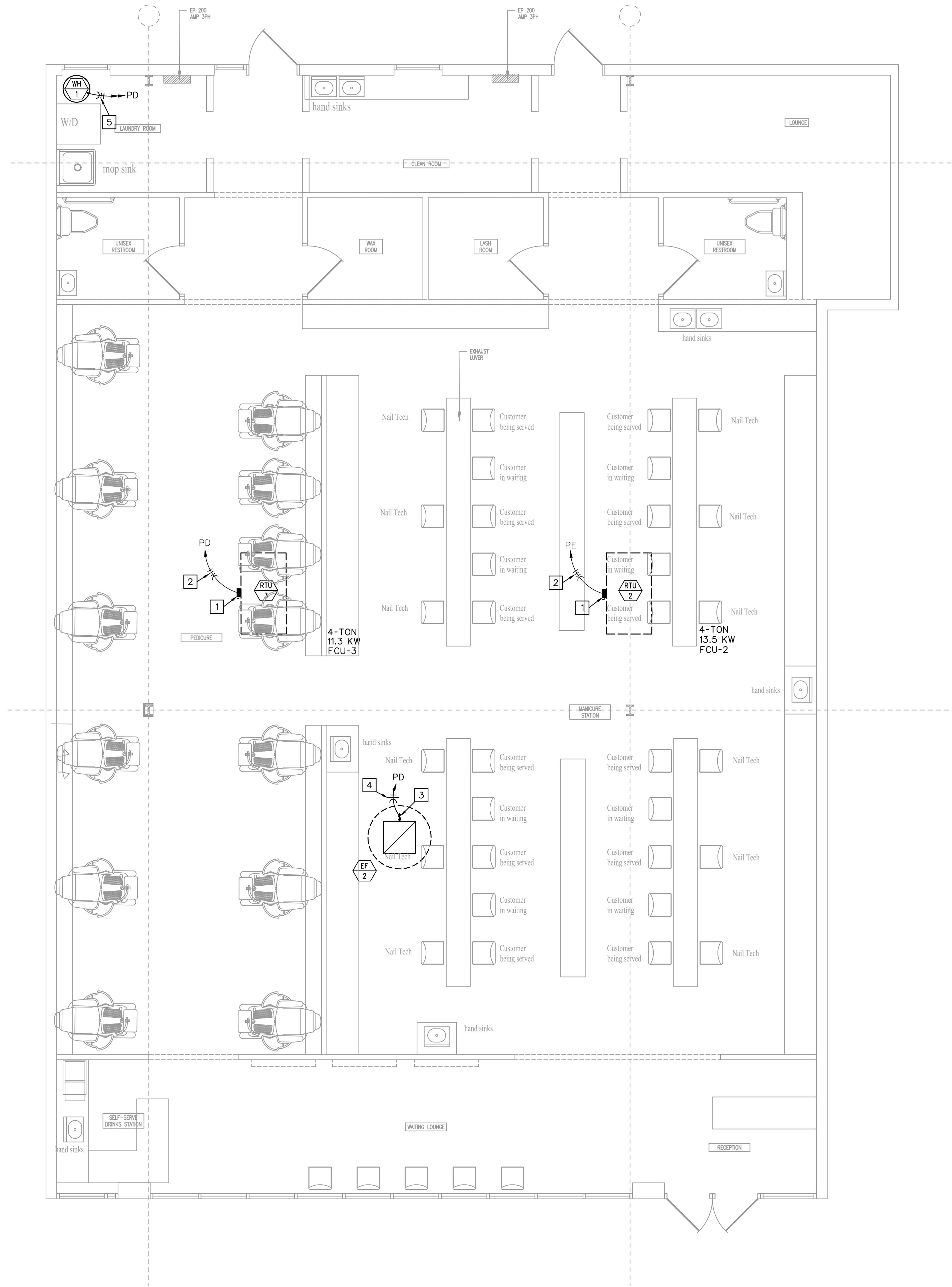
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E201

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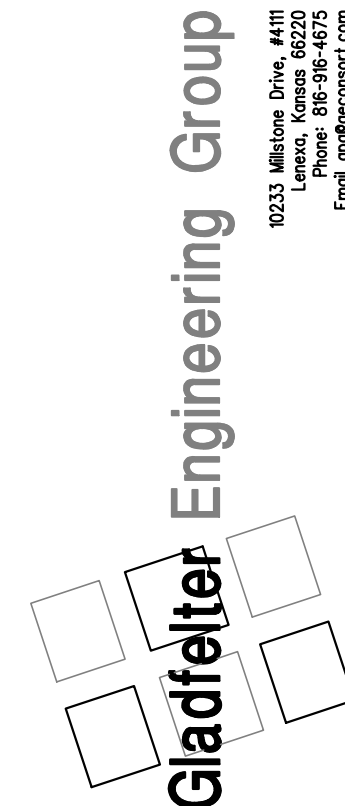
SYSTEMS POWER PLAN
1/4" = 1'-0"
NORTH

SYSTEMS POWER PLAN NOTES

1. EXISTING DISCONNECT SWITCH TO REMAIN.
2. EXISTING CIRCUIT TO REMAIN.
3. 20A/1P, HORSEPOWER RATED TOGGLE SWITCH INSTALLED ON UNIT FOR DISCONNECTING MEANS. DO NOT INSTALL ON ACCESS PANEL.
4. ROUTE HOMERUN TO PANEL INDICATED AND CONNECT TO SPARE 20A/1P CIRCUIT BREAKER MADE AVAILABLE DUE TO DEMOLITION.
5. ROUTE HOMERUN TO PANEL INDICATED AND CONNECT TO SPARE 30A/2P CIRCUIT BREAKER MADE AVAILABLE DUE TO DEMOLITION. 3/4" CONDUIT WITH 2-#10 (CU) AND 1-#10 (CU) EQUIPMENT GROUNDING CONDUCTOR.



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E202

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MAXIMUM CIRCUIT LENGTH SCHEDULE						
CIRCUIT AMPERES	WIRE SIZE	MAXIMUM CIRCUIT LENGTH IN FEET				
		2 WIRE, 1 PHASE		3 WIRE, 3 PHASE		
		120 V	240 V	277 V	208 V	480 V
20	#12	60	125	145	125	285
25	#10	80	160	180	160	365
30	#10	65	130	150	130	305
50	#6	95	195	225	195	450
60	#6	80	160	185	160	375
100	#3	95	195	225	195	450
125	#1	125	250	285	250	575
200	3/0	155	310	360	310	725
NOTES:						
1. ALL CONDUCTORS ARE SOLID COPPER. APPLICATION OF CONDUCTOR SIZE IS LIMITED TO CONDUCTORS WITH THE FOLLOWING INSULATION TYPES: FEPW, RH, RHW, THHW, THW, THWN, XHHW, AND USE. 75° C (167° F).						
2. CIRCUIT LENGTH IS THE ONE WAY DISTANCE FROM THE OVER CURRENT PROTECTION DEVICE TO THE POINT OF USE.						
3. IF THE INSTALLED CIRCUIT LENGTH EXCEEDS THE INDICATED MAXIMUM CIRCUIT LENGTH INDICATED, THEN THE CONDUCTORS SHALL BE INCREASED ONE NOMINAL WIRE SIZE.						

LIGHT FIXTURE SCHEDULE			
TYPE	MANUFACTURER	LAMP	VOLTS WATTS
A	6" ROUND CAN LIGHT FIXTURE SELECTED BY TENANT/ARCHITECT	LED	120 20
B	CHANDELIER LIGHT FIXTURE SELECTED BY TENANT/ARCHITECT	LED	120 80
EM	EXITRONIX #LED90	(2) LED HEADS WITH UNIT	120 10
EEM	EXITRONIX #MLED	WEATHERPROOF LED REMOTE	6 8
XEM	EXITRONIX #VLED-1-WH-EL90-R	RED LED AND (2) LED HEADS WITH UNIT	120 15
X	EXITRONIX #VEX-U-BP-WB-WH-120	RED LED WITH UNIT	120 5
X2	EXITRONIX #VEX-U/2-BP-WB-WH-120	RED LED WITH UNIT	120 5
NOTES:			
1. TYPE 'X' AND/OR 'XEM' FIXTURES SHALL HAVE 12 WATTS OF REMOTE CAPACITY AND POWER TYPE 'EEM'.			

ELECTRICAL SYMBOLS

	BRANCH CIRCUIT CONCEALED IN CEILING OR WALL. ARROWS INDICATE HOMERUNS TO PANEL. ALL CONDUCTORS ARE #12 EXCEPT AS NOTED.
	CONDUIT RUN UNDERGROUND OR BENEATH FLOOR SLAB.
	GROUNDING CONDUCTOR #12 EXCEPT AS NOTED.
	WALL MOUNTED JUNCTION BOX.
	CEILING MOUNTED JUNCTION BOX.
	PANELBOARD (SURFACE MOUNTED). INSTALL W/TOP 6'-0" AFF.
	DISCONNECT CONDUCTOR. SIZED AS NOTED.
	DISCONNECT SWITCH FURNISHED WITH EQUIPMENT.
	SINGLE POLE SWITCH. +3'-10" AFF.
	DUPLEX RECEPTACLE. +1'-6" AFF OR AS NOTED.
	DUPLEX RECEPTACLE INSTALLED ABOVE COUNTERTOP.
	DUPLEX RECEPTACLE WITH WEATHERPROOF PLATE. HEIGHT AS NOTED.
	DUPLEX RECEPTACLE W/GROUND FAULT PROTECTION. +1'-6" AFF OR AS NOTED.
	FOURPLEX RECEPTACLE. +1'-6" AFF OR AS NOTED.
	FOURPLEX RECEPTACLE INSTALLED ABOVE COUNTERTOP.
	HEAVY DUTY RECEPTACLE. VOLTAGE, PHASE AND AMPS AS NOTED.
	COMBINATION VOICE/DATA OUTLET WITH 3/4" CONDUIT STUBBED UP OUT OF BOX TO ABOVE ACCESSIBLE CEILING. +1'-6" AFF OR AS NOTED.
	COMBINATION VOICE/DATA OUTLET WITH 3/4" CONDUIT STUBBED UP OUT OF BOX TO ABOVE ACCESSIBLE CEILING. INSTALLED ABOVE COUNTERTOP.
	HEIGHT TO CENTERLINE OF OUTLET BOX ABOVE FINISHED FLOOR.
	ELECTRIC WATER HEATER AND NUMBER.
	EXHAUST FAN AND NUMBER.
	CONDENSING UNIT AND NUMBER.
	FURNACE AND NUMBER.
	ABOVE FINISH FLOOR.
	EXISTING TO REMAIN.
	EXISTING RELOCATED.
	ELECTRICAL CONTRACTOR.
	EQUIPMENT GROUNDING CONDUCTOR.
	GROUNDING ELECTRODE CONDUCTOR.
	MAIN BONDING JUMPER.

ELECTRICAL GENERAL NOTES

- CONTRACTOR SHALL COORDINATE INSTALLATION REQUIREMENTS AND SCHEDULING OF ALL WORK WITH BUILDING REPRESENTATIVE AND GENERAL CONTRACTOR.
- INSTALLATION SHALL COMPLY WITH LATEST EDITION OF N.E.C. AND LOCAL AUTHORITY HAVING JURISDICTION.
- CONTRACTOR SHALL BE LICENSED TO PERFORM WORK IN MUNICIPALITY WHERE PROJECT IS LOCATED.
- ALL WIRING SHALL BE INSTALLED IN CONDUIT. EMT CONDUIT WITH SET SCREW FITTINGS MAY BE UTILIZED WHERE PERMITTED BY CODE. MINIMUM CONDUIT SIZE SHALL BE 1/2".
- ALL WIRING SHALL BE COPPER WITH 600 VOLT INSULATION AND COLOR CODED.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMIT AND INSPECTION FEES.
- MC CABLE MAY BE INSTALLED WHERE PERMITTED BY CODE CONCEALED IN WALLS AND FOR CONNECTIONS TO LIGHT FIXTURES (MAXIMUM LENGTH 6'-0"). CONDUCTORS SHALL BE MINIMUM #12 GAUGE AND COPPER. MC CABLE SHALL NOT BE USED FOR HOMERUNS.
- INSTALL BLANK COVER PLATE ON ALL PULL BOXES AND JUNCTION BOXES.
- TYPEWRITTEN PANELBOARD DIRECTORY SHALL BE PROVIDED FOR PANELBOARD AND CORRECTLY FILLED OUT.
- CONTRACTOR SHALL COORDINATE INSTALLATION OF ELECTRICAL WORK WITH ALL OTHER TRADES INVOLVED WITH CONSTRUCTION OF PROJECT.
- ALL WIRING DEVICES SHALL BE RATED 20 AMP, OR AS NOTED.
- ALL NEW BRANCH CIRCUIT CONDUITS SHALL BE INSTALLED CONCEALED ABOVE LAY-IN CEILING OR IN WALLS.
- CONTRACTOR SHALL FIELD VERIFY EXACT ROUTING OF ALL CONDUITS TO NEW EQUIPMENT.
- VOICE/DATA SYSTEMS, ASSOCIATED WIRING, AND DEVICES TO BE PROVIDED BY OWNER.
- DISCONNECT SWITCHES SHALL BE HEAVY DUTY TYPE, NEMA 1 FOR INDOOR AND NEMA 3R FOR OUTDOOR INSTALLATIONS. MANUFACTURED BY SQUARE D, ITE/SIEMENS, GE, OR CUTLER-HAMMER.
- FURNISH MATERIALS AND LABOR FOR A COMPLETE AND OPERATIONAL ELECTRICAL INSTALLATION.
- MATERIAL AND EQUIPMENT SHALL BE NEW AND SHALL BEAR THE 'UL' LABELS AS REQUIRED.
- E.C. SHALL VERIFY RATINGS, LOCATIONS, AND CONNECTIONS OF ALL EQUIPMENT PROVIDED BY OTHERS AND INSTALLED AND/OR CONNECTED BY THE ELECTRICAL CONTRACTOR.
- E.C. SHALL VERIFY ALL CONDITIONS PRIOR TO ANY ROUGH-IN.
- ALL CHANGES BY E.C. TO ITEMS SPECIFIED ON DRAWINGS MUST BE APPROVED IN WRITING BY ENGINEER/ARCHITECT OR OWNER AT LEAST (10) TEN DAYS PRIOR TO PROJECT BID DATE.
- E.C. SHALL PROVIDE AND INSTALL SMOKE AND FIRE STOPS AT ALL CONDUIT PENETRATIONS OF SMOKE AND FIRE-RATED WALLS AND CEILINGS.
- CAULK AND SEAL ALL RACEWAY PENETRATIONS OF EXTERIOR OR DEMISING WALLS.
- THE CONTRACTOR SHALL TAKE CARE TO MAINTAIN THE INTEGRITY OF ALL FIRE RATED AND SOUND RATED ASSEMBLIES.
- E.C. SHALL COORDINATE LOCATIONS OF ALL DEVICES, SUCH AS LIGHT SWITCHES, CONVENIENCE RECEPTACLES, TELEVISION OUTLETS, AND TELEPHONE OUTLETS WITH ARCHITECTURAL DRAWINGS PRIOR TO ANY ROUGH-IN.
- NEW PANELBOARDS SHALL BE ITE/SIEMENS TYPE 'P2', WITH BOLT-ON CIRCUIT BREAKERS. ALUMINUM BUS, NEMA 1 ENCLOSURE, GROUND, AND NEUTRAL BUS. AIC RATING TO MATCH EXISTING SYSTEM. EQUALS BY SQUARE 'D', G.E., OR CUTLER-HAMMER.

ELECTRIC SERVICE SINGLE LINE DIAGRAM IS EXISTING TO REMAIN.
NO MODIFICATIONS ARE BEING MADE TO THE SEQUENCE OF ELECTRICAL SERVICE DISTRIBUTION EQUIPMENT IN THIS SCOPE.

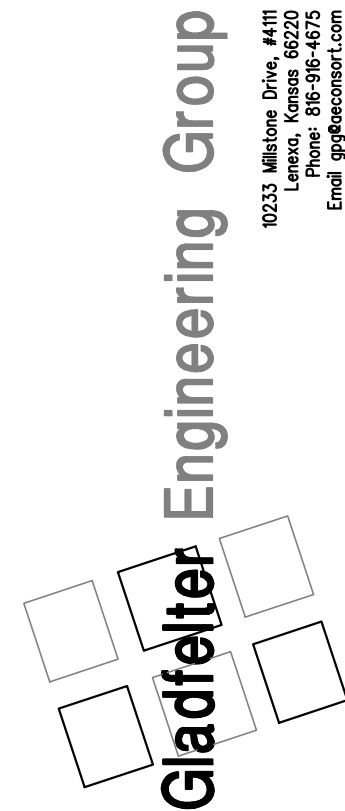
ELECTRICAL RISER DIAGRAM

NO SCALE

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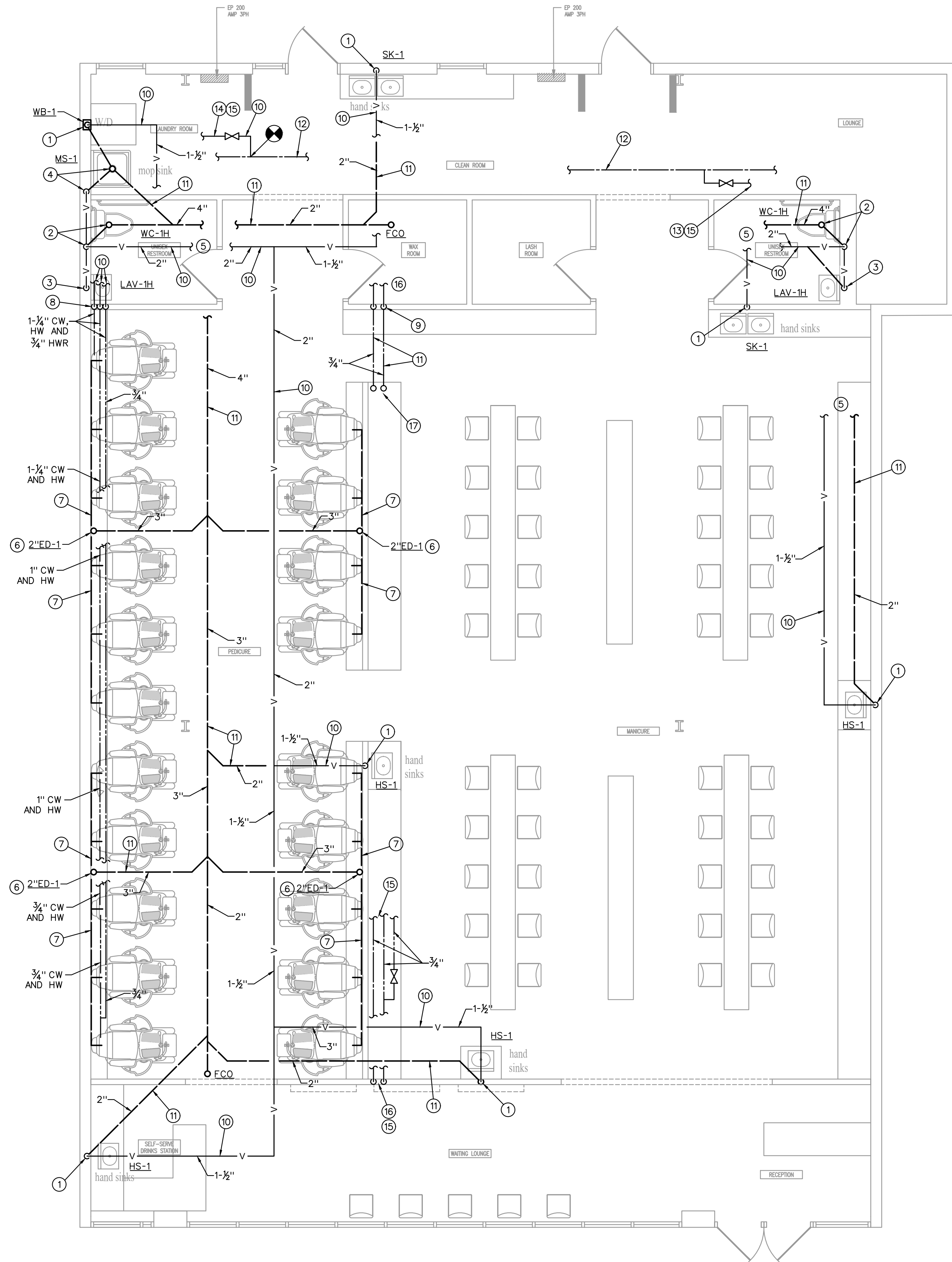
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E300

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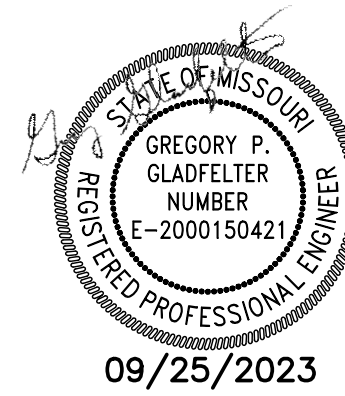
PLUMBING FLOOR PLAN

1/4" = 1'-0"

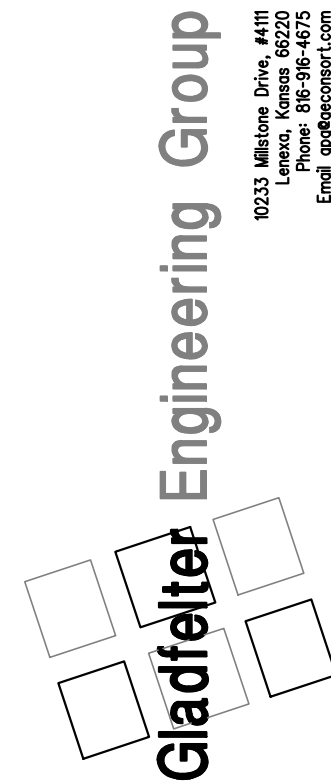


PLUMBING PLAN NOTES (P):

- 2" W DOWN, 1-1/2" V UP TO ABOVE CEILING.
- 4" S DOWN, 2" V OVER TO WALL AND UP TO ABOVE CEILING.
- 2" W DOWN, 1-1/2" V UP AND OVER TO 2" V FROM WATER CLOSET.
- 2" W DOWN, 2" V OVER TO WALL AND UP AND OVER TO 2" V FROM WATER CLOSET.
- EXTEND NEW W, S OR V TO EXISTING OF SAME OR LARGER AND MAKE CONNECTION.
- 2" W UP TO 2" ED-1.
- COLLECT DRAINS FROM EACH PEDICURE CHAIR AND DAYLIGHT OVER EQUIPMENT DRAIN MAINTAINING CODE REQUIRED AIR GAP.
- CW, HW AND HWR DOWN IN CHASE BEHIND PEDICURE CHAIRS.
- CW AND HW DOWN IN WALL TO BELOW FLOOR.
- PIPING ABOVE CEILING.
- PIPING BELOW FLOOR.
- EXISTING DOMESTIC CW PIPING.
- EXISTING CW PIPING SERVING RESTROOM BEING REMOVED.
- CONNECT NEW 1" CW TO EXISTING DOMESTIC CW PIPING.
- SEE "DOMESTIC WATER SCHEMATIC", SHEET MP301, FOR CONTINUATION.
- CW AND HW DOWN WALL TO CHASE BEHIND PEDICURE CHAIRS. EXTEND 1/2" CW AND HW TO EACH PEDICURE CHAIRS. EXTEND 1/2" CW AND HW TO EACH PEDICURE CHAIR.
- CW AND HW UP THRU FLOOR TO CHASE BEHIND PEDICURE CHAIRS. EXTEND 1/2" CW AND HW TO EACH PEDICURE CHAIRS. EXTEND 1/2" CW AND HW TO EACH PEDICURE CHAIR.



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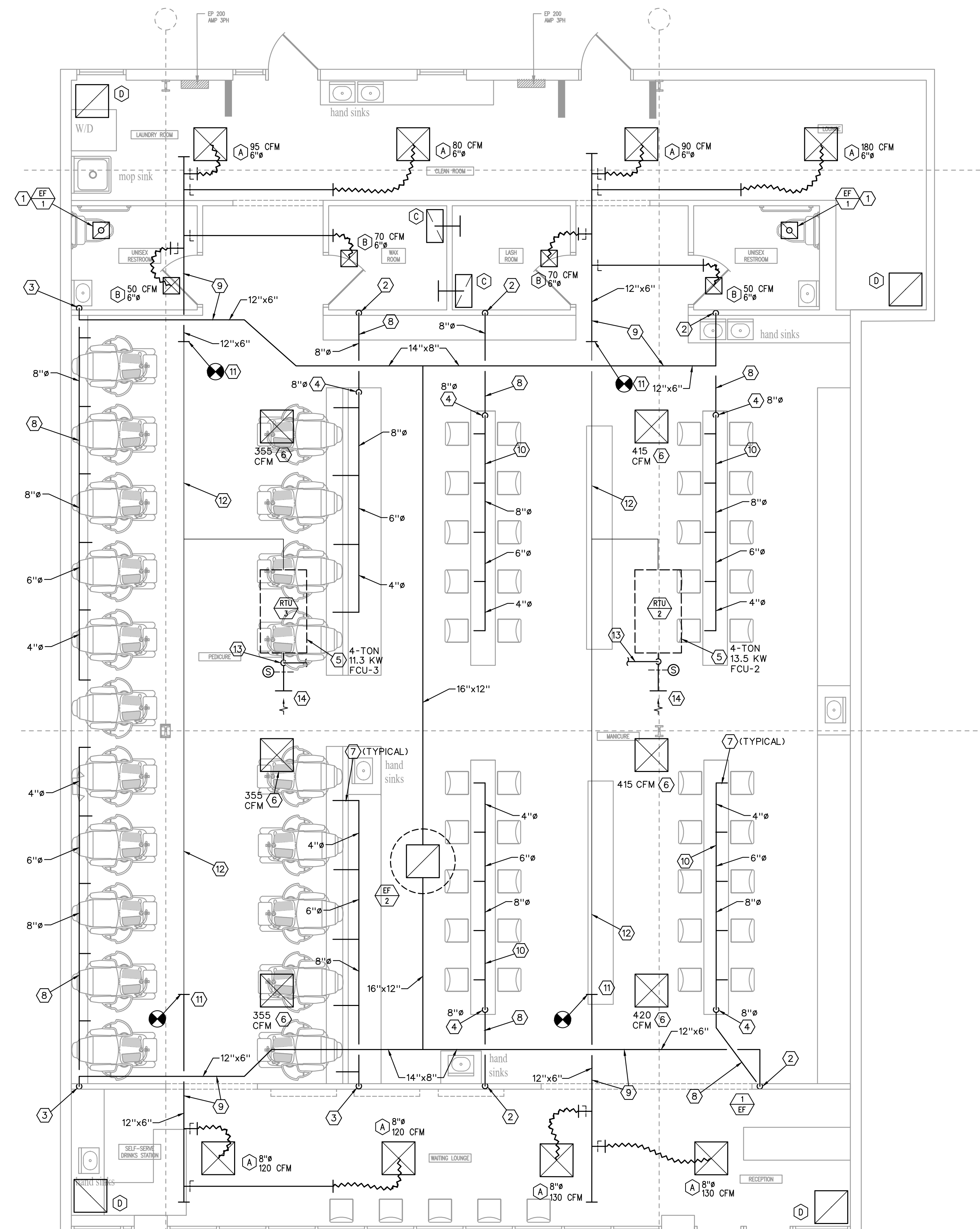


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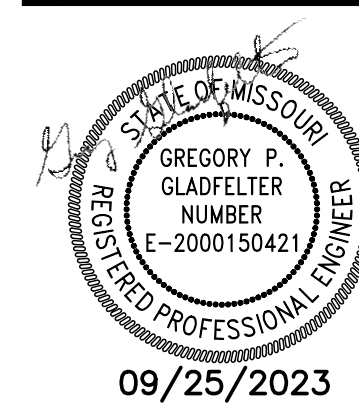
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MECHANICAL FLOOR PLAN

MECHANICAL PLAN NOTES :

1. 4"Ø EXHAUST DUCT UP THRU ROOF TO WP CAP.
2. 12"x6" SHEET METAL DUCT DOWN TO 8"Ø PVC CONTINUING DOWN IN WALL TO BELOW FLOOR SLAB.
3. 12"x6" SHEET METAL DUCT DOWN TO 8"Ø PVC CONTINUING DOWN IN WALL TO CHASE BEHIND PEDICURE CHAIRS. TURN OUT THRU WALL INTO CHASE.
4. PVC DUCT UP THRU FLOOR TO BELOW MANICURE TABLES OR INTO CHASE BEHIND MANICURE CHAIRS. (SIZE AS INDICATED).
5. EXISTING FAN-COIL UNIT WITH ELECTRIC HEAT (KW AS INDICATED).
6. RELOCATE EXISTING CEILING DIFFUSER AND BALANCE TO CFM INDICATED.
7. EXTEND 4"Ø EXHAUST DUCT TO EACH MANICURE TABLE OR PEDICURE CHAIR DUCT CONNECTION.
8. DUCTWORK BELOW FLOOR OR IN CHASE.
9. DUCTWORK ABOVE CEILING.
10. DUCTWORK BELOW MANICURE TABLES.
11. CONNECT NEW SA DUCT TO EXISTING SA DUCT.
12. EXISTING SA DUCTWORK.
13. MODIFY EXISTING OA DUCT TO EXTEND 14" OA DUCT THRU ROOF TO WEATHERPROOF OA INTAKE (REPLACING EXISTING 10"Ø OA DUCT). INSTALL BALANCE DAMPERS AND BALANCE TO 1000 CFM TO MATCH BUILDING EXHAUST.
14. OPEN PLENUM RETURN. INSTALL SMOKE DETECTORS ON EACH AHU RA DUCT. SEE SPECIFICATION FOR ADDITIONAL DETAILS.



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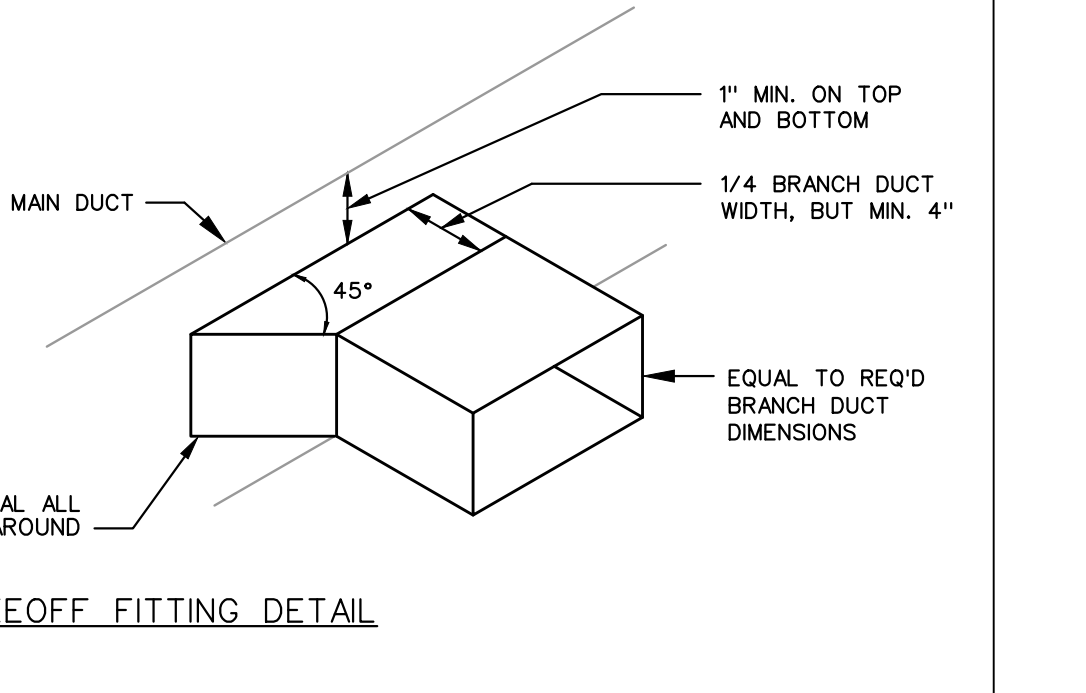
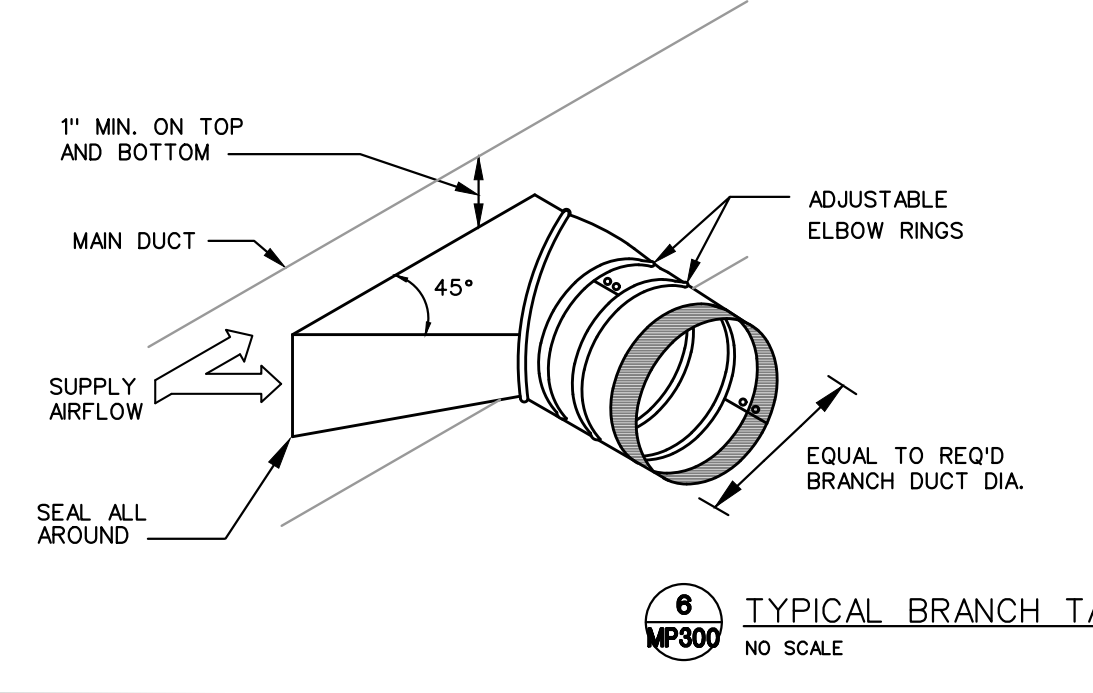
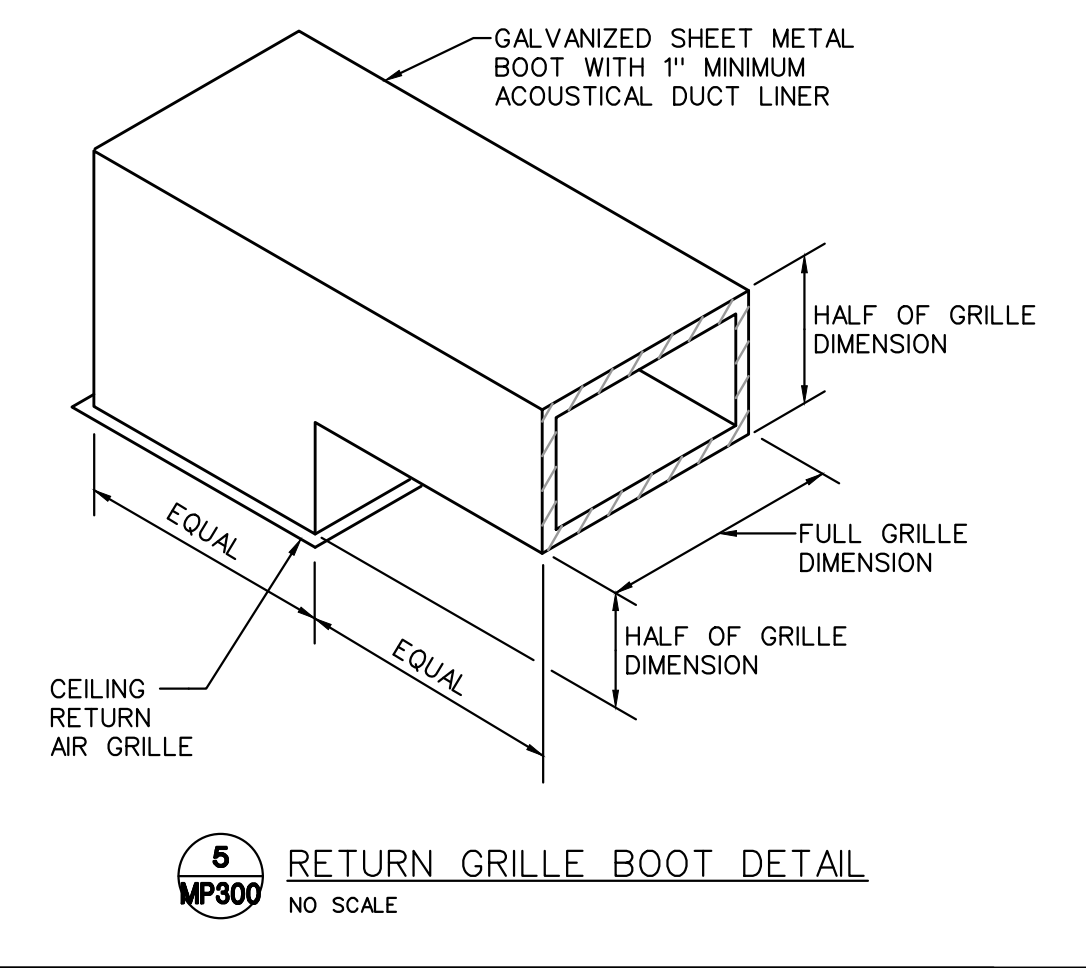
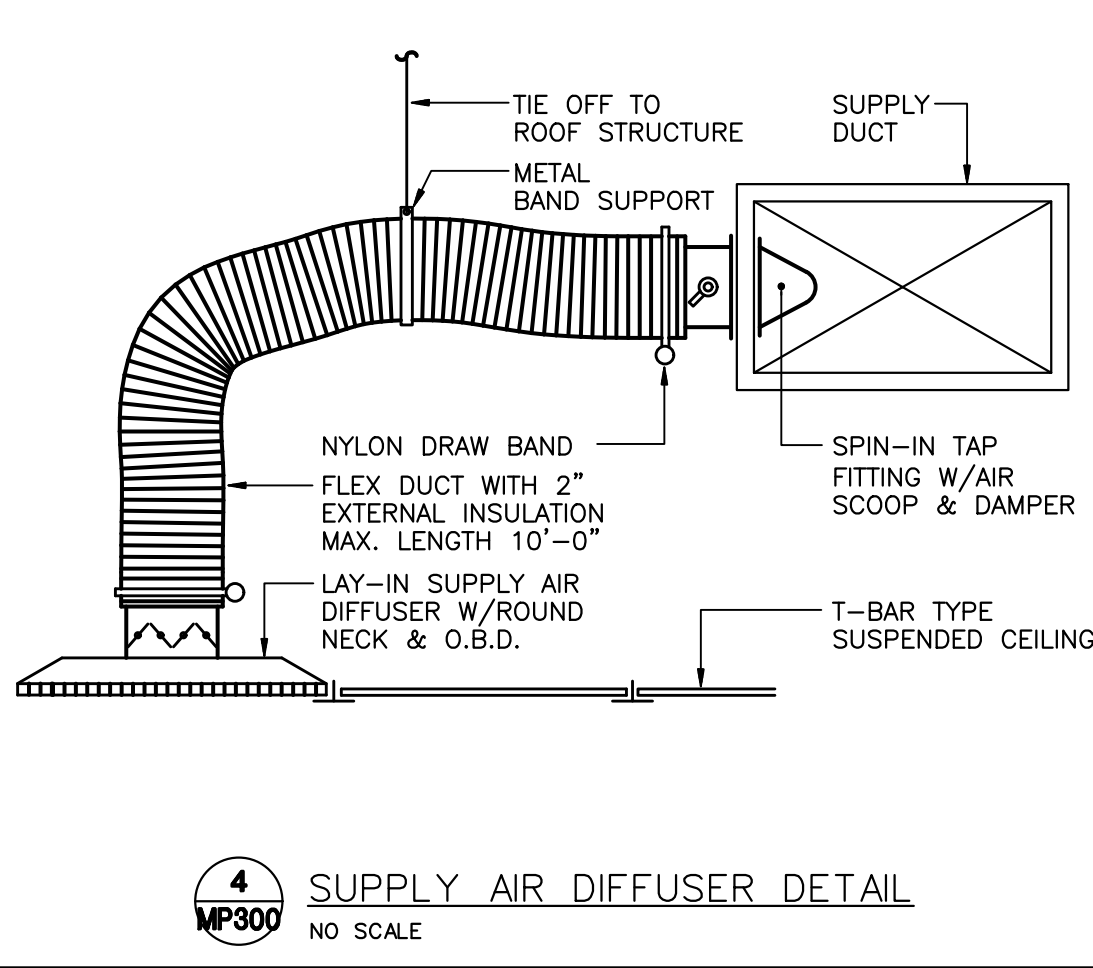
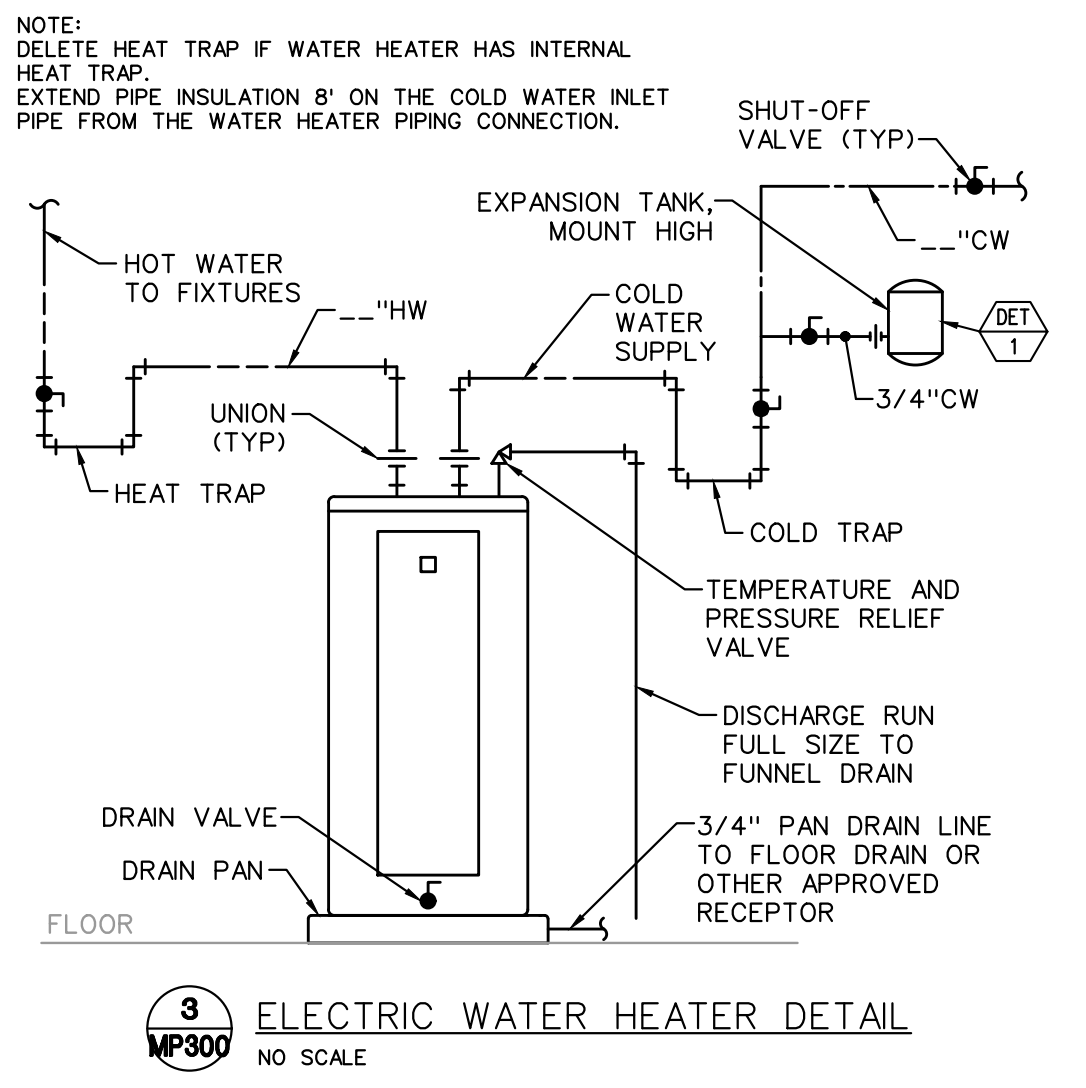
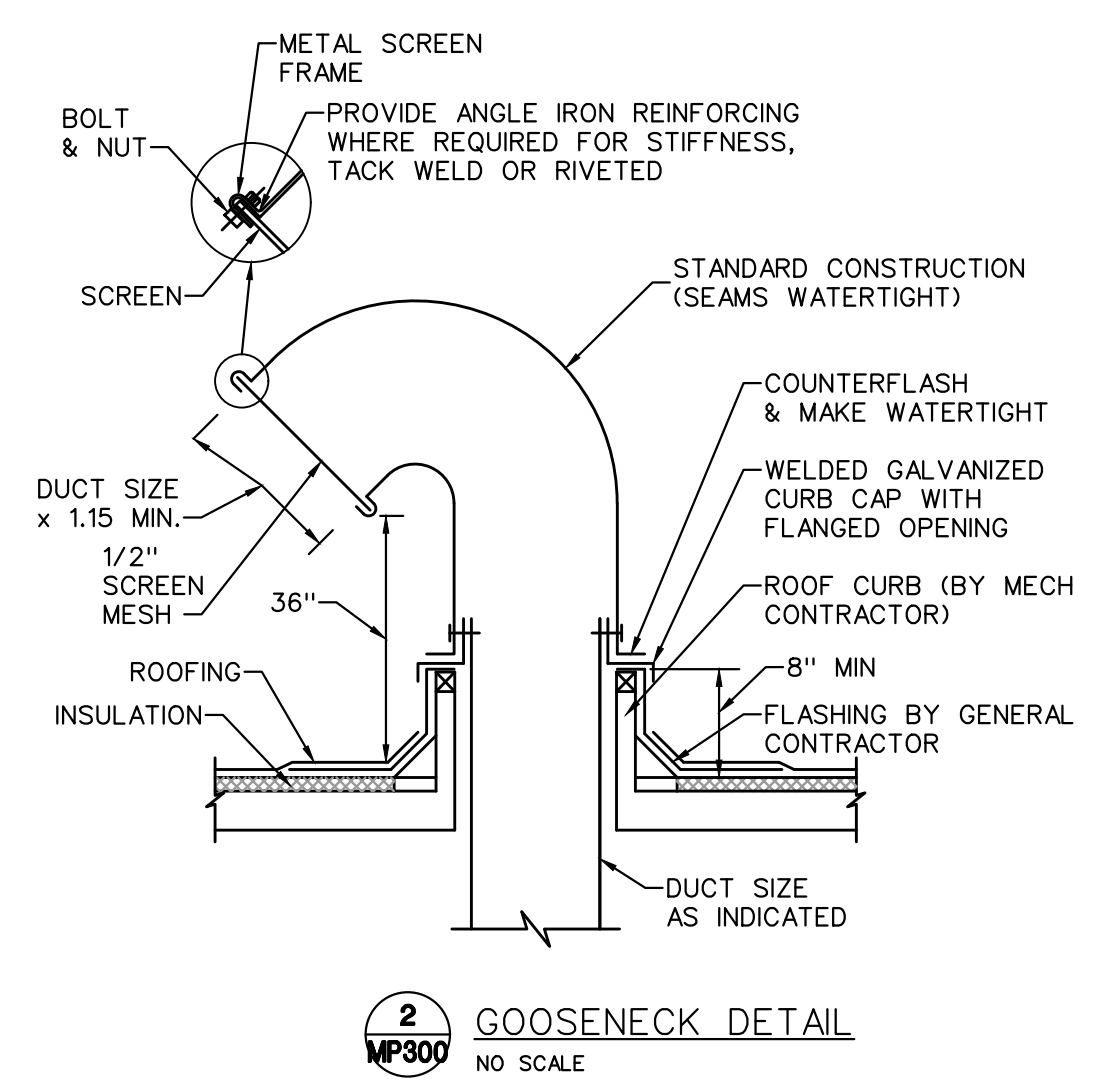
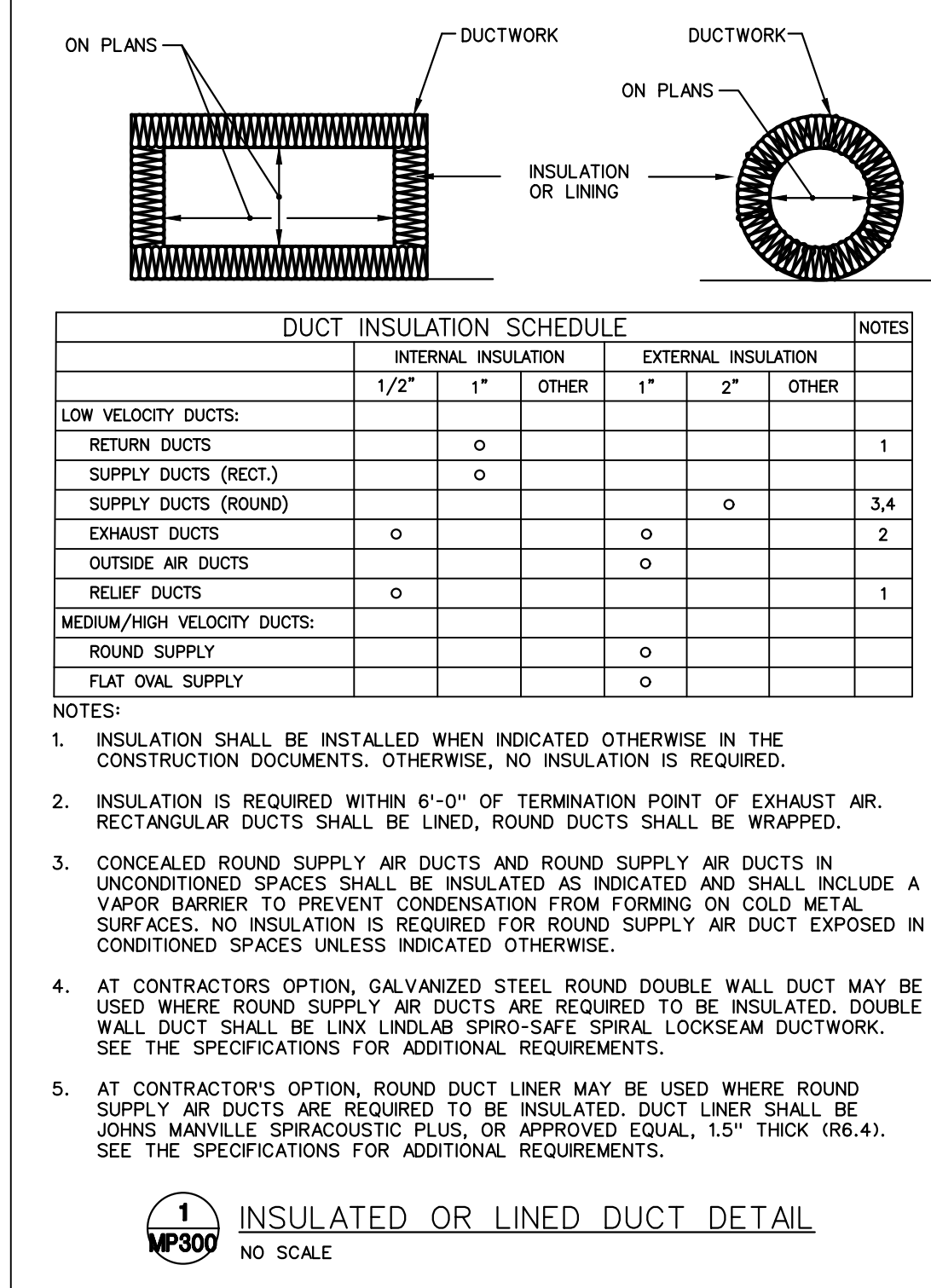
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DIFFUSER SCHEDULE					
MARK NO.	MANUFACTURER	MODEL NO.	FACE SIZE (INCHES)	MOUNTING	REMARKS
A	TITUS	TMS	24x24	LAY-IN	1,2,3
B	TITUS	TMS	12x12	SURFACE	1,2,3
C	TITUS	PAR	12x24	LAY-IN	2,4
D	TITUS	PAR	24x24	LAY-IN	2,4

- NOTES:
- SEE THE PLANS FOR NECK SIZE.
 - COLOR PER ARCHITECT.
 - PROVIDE DAMPER AT DUCT TAKE-OFF EXCEPT PROVIDE GRILLE MOUNTED DAMPER WHERE OUTLET IS ABOVE INACCESSIBLE CEILING.
 - PROVIDE WITH DAMPER OR EXTRACTOR IF REQUIRED FOR BALANCING.

WATER HAMMER ARRESTOR SCHEDULE					
MARK NO.	MANUFACTURER	MODEL NO.	PDI UNIT RATING	FIXTURE UNIT CAPACITY	REMARKS
AA	SIoux CHIEF	660 SERIES	AA	4 (SINGLE FIXT)	X
A	SIoux CHIEF	652	A	1 - 11	X
B	SIoux CHIEF	653	B	12 - 32	X
C	SIoux CHIEF	654	C	33 - 60	X
D	SIoux CHIEF	655	D	61 - 113	X
X	X	X	X	X	X

- NOTES:
- INSTALL IN AN ACCESSIBLE LOCATION IN ACCORDANCE WITH THE PLUMBING CODE.

<div> FAN SCHEDULE</div>														
MARK NO.	MANUFACTURER	MODEL NO.	CFM	ESP IN W.G.	TYPE	FAN SIZE	RPM	DRIVE	ACCESSORIES	ELECTRICAL				REMARKS
										VOLT	ø	HZ	HP/W	
1	COOK	GC-144	100	0.25	CEILING	-	1100	D	X	120	1	60	98W	1
2	COOK	135C1ED	2000	0.5	ROOF	-	1550	D	X	120	1	60	1/2HP	2

- NOTES:
- PROVIDE CEILING FANS WITH CEILING GRILLE, DISCONNECT SWITCH, HANGER HARDWARE, BACKDRAFT DAMPER, UNIT MOUNTED VARIABLE SPEED SWITCH, WALL OR ROOF CAP, FLEX CONNECTOR, SWITCH WITH LIGHTS.
 - PROVIDE ROOF FANS WITH DISCONNECT SWITCH, ROOF CURB, BACKDRAFT DAMPER, FLEX CONNECTOR, TIME CLOCK CONTROL.

WATER HEATER SCHEDULE (ELECTRIC)													
MARK NO.	MANUFACTURER	MODEL NO.	TYPE	ASME	TANK LINING	STORAGE (GALLONS)	RECOVERY GAL/HR	TEMP RISE °F	DISCH. SET POINT °F	ELECTRICAL			REMARKS
										KW	VOLT	ø	
1	LOCHINVAR	LETT-55 DAK	TK	N	GL	50	27	90	240	6.0	240	1	60 1

- NOTES:
- PROVIDE WITH ASME RATED P&T VALVE, DRAIN VALVE WITH HOSE THREAD OUTLET AND STAND AND/OR DRAIN PAN WHERE INDICATED.

PLUMBING FIXTURE SCHEDULE

- INSTALL PLUMBING FIXTURES AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. VERIFY ROUGH-IN REQUIREMENTS WITH MANUFACTURER'S DRAWINGS AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE WATER-CONSERVING FIXTURES AND APPURTENANCES IF/AS REQUIRED BY LOCAL AUTHORITIES. CONFIRM ALL LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS AND/OR SPECIFICATIONS. CAULK FIXTURES TO WALLS/FLOORS. SET COUNTER MOUNTED SINKS AND LAVATORIES IN A BED OF CAULK. THE SPECIFIED PLUMBING FIXTURES, OR APPROVED EQUALS, SHALL BE USED UNLESS OTHERWISE NOTED OR INDICATED.
- WATER CLOSET (WC-1H), TOTO #CSC744SL.01, FLOOR-MOUNTED, CONSTRUCTED OF VITREOUS CHINA, MEETING ANSI A-117.1 AND ADA BARRIER-FREE REQUIREMENTS. 17" HIGH, 16-GALLON FLUSH, CLOSE-COUPLED TANK DESIGN WITH ELONGATED BOWL AND SIPHON JET ACTION. TANK SHALL BE VITREOUS CHINA WITH COVER, 3/8" FLEXIBLE RISER WITH LOOSE KEY STOP VALVE, CHROME-PLATED BRASS TRIP LEVER AND MANUFACTURER'S BOLT CAPS. PROVIDE BENKE #527 WHITE ELONGATED OPEN FRONT SEAT LESS COVER, PERMA BUMPER.
- LAVATORY (LAV-1H), TOTO #LT307.4 (20"X18"), WALL-HUNG TYPE, CONSTRUCTED OF VITREOUS CHINA, MEETING ANSI A-117.1 AND ADA BARRIER-FREE REQUIREMENTS. LAVATORY SHALL HAVE 4-INCH FAUCET CENTERS AND DRILLED FOR CONCEALED ARM CARRIER. PROVIDE 3/8-INCH FLEXIBLE RISER W/ANGLE SUPPLIES WITH LOOSE KEY STOPS, 1-1/4-INCH INLET 1-1/2-INCH OUTLET CHROME PLATED CAST BRASS "P" TRAP W/CLEANOUT PLUG AND ESCUTCHEON W/SET SCREW. PROVIDE DELTA #523-WFOGHDF HEAVY DUTY SINGLE LEVER FAUCET, 4-INCH CENTERS, VANDAL-RESISTANT 2.2 GPM AERATOR, PERFORATED OFFSET GRID DRAIN (W/ 1-1/4" TAILPIECE) AND VANDAL-RESISTANT SINGLE LEVER HANDLE. PROVIDE WITH J.R. SMITH CARRIER (TO MATCH WALL TYPE). MOUNT AT ADA HEIGHT AND MAINTAIN CLEARANCES UNDER LAVATORY AS REQUIRED BY ADA REGULATIONS. INSULATE WASTE AND HOT WATER SUPPLY UNDER LAVATORY WITH UNDERSINK PROTECTIVE PIPE COVER, MOLDED, ANTIMICROBIAL, WITH FLUSH REUSABLE FASTENERS, TRUEBRO LAV GUARD.
- SINK (SK-2), JUST #SL-2217-A-G-R, SINGLE COMPARTMENT, 18 GAUGE TYPE 304 STAINLESS STEEL, SELF RIMMING, UNDERSIDE FULLY UNDERCOATED WITH SOUND DAMPING MAJ FRIAL, 3 HOLE PUNCH, NOMINAL DIMENSIONS OF 22"X17"X7-1/2" DEEP. PROVIDE WITH DELTA COMMERCIAL #272934 HEAVY DUTY DECKMOUNT SINK FAUCET, 6" RIGID/SWIVEL GOOSENECK SPOUT, 8" CENTERS, 2.0 GPM VANDAL-RESISTANT AERATOR, BASKET STRAINER DRAIN, 1-1/2" TAILPIECE, 3/8-INCH FLEXIBLE RISER W/ANGLE SUPPLIES WITH LOOSE KEY STOPS, 1-1/2-INCH INLET 2-INCH OUTLET CHROME-PLATED CAST BRASS "P" TRAP W/CLEANOUT PLUG, ESCUTCHEON W/SET SCREW AND 4" VANDAL-RESISTANT WRIST BLADE HANDLES.
- MOP SINK (MS-1), STERN WILLIAMS #SB-900, CONSTRUCTED OF TERRAZZO, 32" SQUARE BY 12" HIGH (COORDINATE SIZE WITH ARCHITECTURAL PLANS). CHROME-PLATED CAST BRASS DRAIN (CAST INTEGRAL) WITH STAINLESS STEEL CAP. PROVIDE WITH DELTA #28T2383 FAUCET WITH VACUUM BREAKER, LEVER HANDLES, 3/4" HOSE THREAD SPOUT WITH 48" LONG HOSE, WALL SUPPORT, INTEGRAL STOPS AND ROUGH CHROME-PLATED FINISH.
- WASHING MACHINE WALL BOX (WB-1), GUY GRAY MANUFACTURING #WB-200, RECESSED WALL MOUNTED, 16 GA. STEEL CONSTRUCTION WITH CORROSION RESISTANT EPOXY FINISH, 1/2" CW AND HW SUPPLIES WITH DUAL CLOSING BRASS QUARTER TURN SHUT-OFF HOSE BIBBS AND 2" DRAIN PIPE. MOUNT BOX 36" AFF.
- EQUIPMENT DRAINS (ED-1) WADE #1100-94 ADJUSTABLE CAST IRON FLOOR DRAIN WITH FLANGE, SEEPAGE OPENINGS, INTEGRAL CLAMPING COLLAR. EXTENSION ADAPTER INSTALLED ABOVE THE FLOOR ELEVATION APPROXIMATELY 3/4" TO PREVENT WATER ON THE FLOOR FROM ENTERING DRAIN AND 1/2" PLUGGED TRAP PRIMER CONNECTION. PROVIDE WITH SEPARATE DEEP SEAL "P" TRAP (SEE PLANS FOR SIZE).
- SANITARY FLOOR SINKS: ES-1 WADE #9130-1-24-27-6 SQUARE PATTERN FLOOR SINK WITH CAST IRON BODY (12" X 12" X 6" DEEP), ACID RESISTANT ENAMELED INTERIOR, SEDIMENT BUCKET, TRAP PRIMER CONNECTION AND 12" SQUARE NICKEL BRONZE FRAME AND GRATE. PROVIDE WITH SEPARATE DEEP SEAL "P" TRAP (SEE PLANS FOR SIZE).
- FINISHED FLOOR CLEANOUTS: (FFCO) WADE #6000-1-2-S CAST IRON FLOOR CLEANOUT WITH FLANGE, PLASTIC TAPERED PLUG AND SQUARE NICKEL BRONZE ADJUSTABLE TOP. PROVIDE WITH CARPET CLEANOUT MARKER WHEN CLEANOUT IS LOCATED BELOW CARPET. COORDINATE WITH ARCHITECTURAL PLANS.
- FINISHED WALL CLEANOUTS: (FWCO) WADE #8560, W/ 8304-85-6 CAST IRON CLEANOUT TEE WITH BRASS PLUG AND 6" ROUND STAINLESS STEEL ACCESS COVER. J.R. SMITH FIGURE 4530. PROVIDE DUCO CAST IRON WALL CLEANOUT TEE WITH COUNTERSUNK PLUG. DELETE COVER PLATE IF CLEANOUT IS IN EXPOSED LOCATION.
- ALL FIXTURES USED SPECIFICALLY FOR HANDWASHING PURPOSES (LAVATORIES, HAND SINKS, ETC.) SHALL BE PROVIDED WITH A TEMPERING VALVE TO TEMPER THE HOT WATER TO THE FIXTURE (MAXIMUM OF 105-DEGREES F).
- PC TO ROUGH-IN AND MAKE FINAL CONNECTION TO OWNER PROVIDED EQUIPMENT. WHERE REQUIRED, PC TO PROVIDE DRAIN, TAILPIECE, 3/8-INCH FLEXIBLE RISERS W/ANGLE SUPPLIES WITH LOOSE KEY STOPS, 1-1/2-INCH INLET/2-INCH OUTLET CHROME PLATED CAST BRASS "P" TRAP W/CLEANOUT PLUG AND ESCUTCHEON W/SET SCREW. SEE ARCHITECTURAL PLANS.

FIXTURE BRANCH SCHEDULE				
FIXTURE	WASTE	VENT	COLD	HOT
Water Closet (ft)	4"	2"	1 1/2"	---
Water Closet (fv)	4"	2"	1"	---
Urinal	2"	1 1/2"	3/4"	---
Lavatory	1 1/2"	1 1/2"	1/2"	1/2"
Sink	2"	1 1/2"	1/2"	1/2"
Triple Sink	2"	1 1/2"	(2) 1/2"	(2) 1/2"
Shower, Tub	2"	1 1/2"	1/2"	1/2"
Water Fountain	1 1/2"	1 1/2"	1/2"	---
Janitor Sink (fr)	3"	2"	3/4"	3/4"
Janitor Sink (wall)	2"	1 1/2"	1/2"	1/2"
Floor Drain	2"	1 1/2"	---	---
Floor Sink	3"	2"	---	---
Eqpt Floor Drain	3"	2"	---	---
Hub Drain	2"	1 1/2"	---	---
Dishwasher	2"	1 1/2"	---	1/2"
Washer Box	2"	1 1/2"	1/2"	1/2"
Ice Maker	---	---	3/4"	---
FPWH, HB	---	---	3/4"	---

- Minimum waste or vent size below slab on grade shall be 2".
- Size as shown on drawings and diagrams, but not less than listed.

PLUMBING SYMBOLS

- EXISTING TO REMAIN.
- NEW PIPING WORK.
- DOMESTIC COLD WATER (CW).
- DOMESTIC HOT WATER (HW).
- HOT WATER RECIRCULATION (HWR).
- PLUMBING VENT ABOVE FLOOR (V).
- SAN - SANITARY WASTE ABOVE FLOOR (W).
- SAN - SANITARY WASTE BELOW FLOOR (W).
- NG - GAS (NATURAL) (NG).
- ELBOW DOWN.
- ELBOW UP.
- TEE DOWN.
- TEE UP.
- CAP.
- PIPE UNION.
- 1/4 TURN SHUT-OFF VALVE.
- CHECK VALVE.
- PUMP
- VTR - VENT THRU ROOF (VTR).
- ETR - EXISTING TO REMAIN.
- PLAN NOTE DESIGNATION.
- PLAN REVISION DESIGNATION.
- CONNECT TO EXISTING.
- PLUMBING EQUIPMENT DESIGNATION - TOP PORTION IS EQUIPMENT (HW, RTU, ETC.), BOTTOM PORTION IS NO. OR LETTER (SEE APPROPRIATE SCHEDULE).

MECHANICAL SYMBOLS

- NEW SHEET METAL DUCTWORK & SIZE.
- NEW SHEET METAL DUCTWORK & SIZE.
- SUPPLY AIR DUCT OR OUTSIDE AIR INTAKE.
- RETURN AIR DUCT OR EXHAUST AIR DUCT.
- DIRECTION OF RETURN AIRFLOW.
- THERMOSTAT OR TEMPERATURE SENSOR.
- CONDENSATE DRAIN.
- ELBOW DOWN.
- ELBOW UP.
- SUPPLY AIR.
- OUTSIDE AIR.
- RETURN AIR.
- EXHAUST AIR.
- CONDENSING UNIT.
- EXHAUST FAN.
- ROOFTOP UNIT.
- PLAN NOTE DESIGNATION.
- PLAN REVISION DESIGNATION.
- CONNECT TO EXISTING.
- MECHANICAL EQUIPMENT DESIGNATION - TOP PORTION IS EQUIPMENT (RTU, EF, HP, ETC.), BOTTOM PORTION IS NO. OR LETTER (SEE APPROPRIATE SCHEDULE).

EXPANSION TANK SCHEDULE

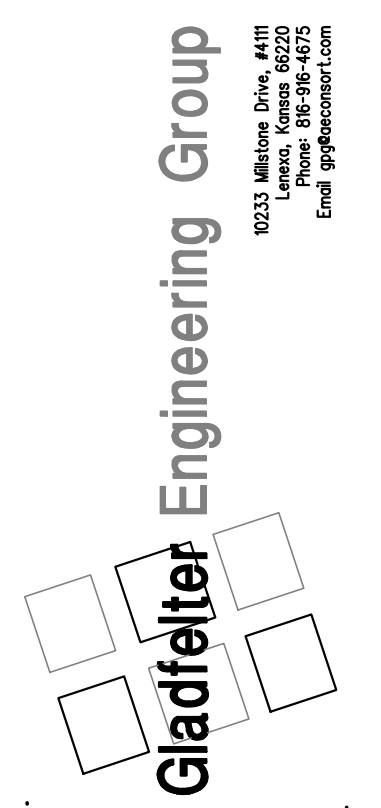
MARK NO.	MANUFACTURER	MODEL NO.	TYPE ARRANGEMENT	CAPACITY (GAL)	ASME	MAX WORKING PRESSURE (PSIG)	MAX OPERATING TEMP (°F)	REMARKS
1	ELBI	DTS-45	-	2.1	N	150	210	1

- NOTES:
- PROVIDE POLYPROPYLENE LINED BLADDER TYPE EXPANSION TANK WITH BUTYL RUBBER DIAPHRAGM, AIR CHARGE & SYSTEM CONNECTION FITTING, MOUNING HARDWARE.

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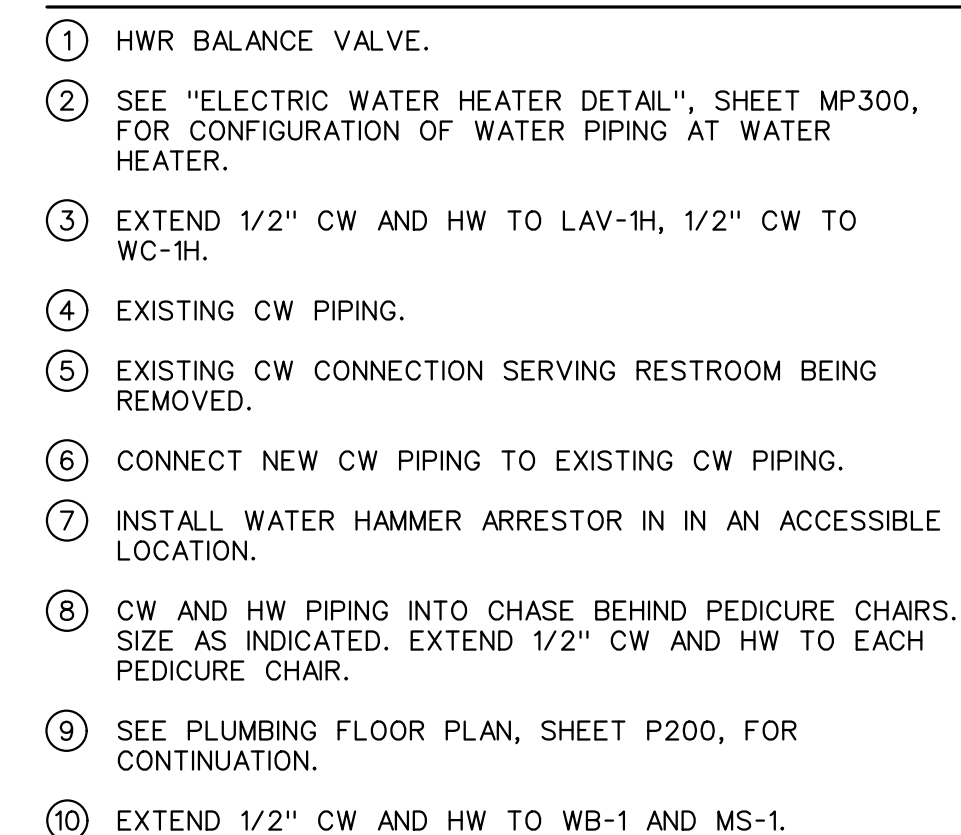


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Project number:	
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Drawn:	
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Date:	
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MP300

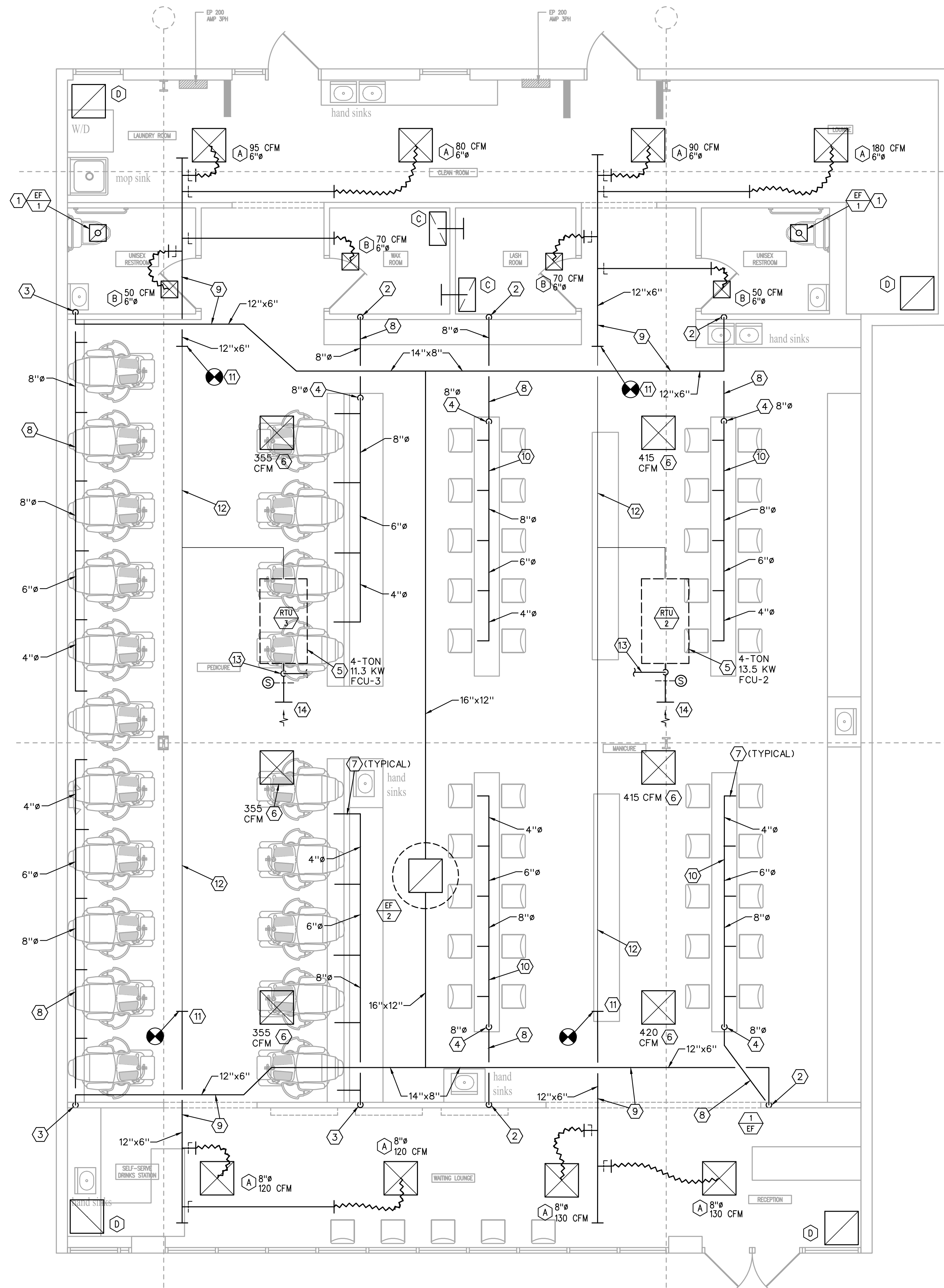


- ① SEE THE PLUMBING FLOOR PLAN, SHEET P200, FOR CONTINUATION.
- ② COLLECT DRAINS FROM PEDICURE CHAIRS AND DAYLIGHT OVER EQUIPMENT DRAINS.



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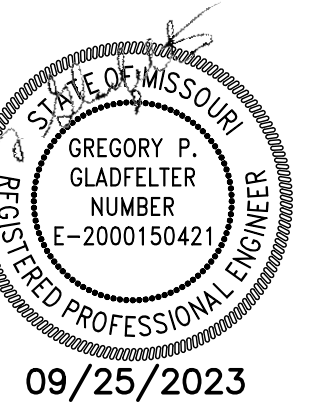
MECHANICAL FLOOR PLAN

1/4" = 1'-0"

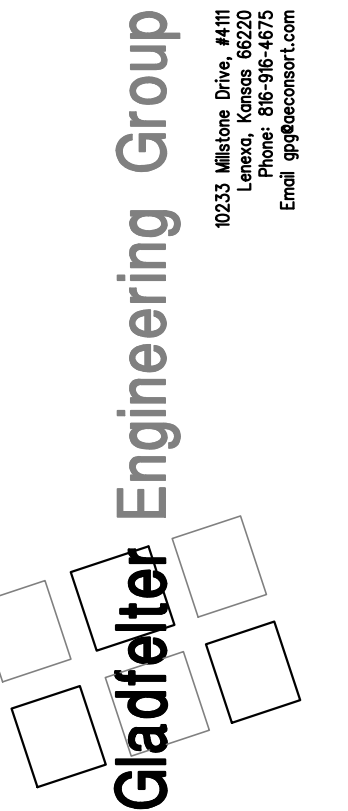


MECHANICAL PLAN NOTES (#):

- 4"ø EXHAUST DUCT UP THRU ROOF TO WP CAP.
- 12"x6" SHEET METAL DUCT DOWN TO 8"ø PVC CONTINUING DOWN IN WALL TO BELOW FLOOR SLAB.
- 12"x6" SHEET METAL DUCT DOWN TO 8"ø PVC CONTINUING DOWN IN WALL TO CHASE BEHIND PEDICURE CHAIRS. TURN OUT THRU WALL INTO CHASE.
- PVC DUCT UP THRU FLOOR TO BELOW MANICURE TABLES OR INTO CHASE BEHIND MANICURE CHAIRS. (SIZE AS INDICATED).
- EXISTING FAN-COIL UNIT WITH ELECTRIC HEAT (KW AS INDICATED).
- RELOCATE EXISTING CEILING DIFFUSER AND BALANCE TO CFM INDICATED.
- EXTEND 4"ø EXHAUST DUCT TO EACH MANICURE TABLE OR PEDICURE CHAIR DUCT CONNECTION.
- DUCTWORK BELOW FLOOR OR IN CHASE.
- DUCTWORK ABOVE CEILING.
- DUCTWORK BELOW MANICURE TABLES.
- CONNECT NEW SA DUCT TO EXISTING SA DUCT.
- EXISTING SA DUCTWORK.
- MODIFY EXISTING OA DUCT TO EXTEND 14" OA DUCT THRU ROOF TO WEATHERPROOF OA INTAKE (REPLACING EXISTING 10"ø OA DUCT). INSTALL BALANCE DAMPERS AND BALANCE TO 1000 CFM TO MATCH BUILDING EXHAUST.
- OPEN PLENUM RETURN. INSTALL SMOKE DETECTORS ON EACH AHU RA DUCT. SEE SPECIFICATION FOR ADDITIONAL DETAILS.



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