

JOHNSON LOGISTICS, LLC

TENANT
INFILL
FOR

JOHNSON
LOGISTICS
LLC

AT
2736 NE
McBAINE DRIVE
LEE'S SUMMIT
MISSOURI

DATE: 9/30/2021

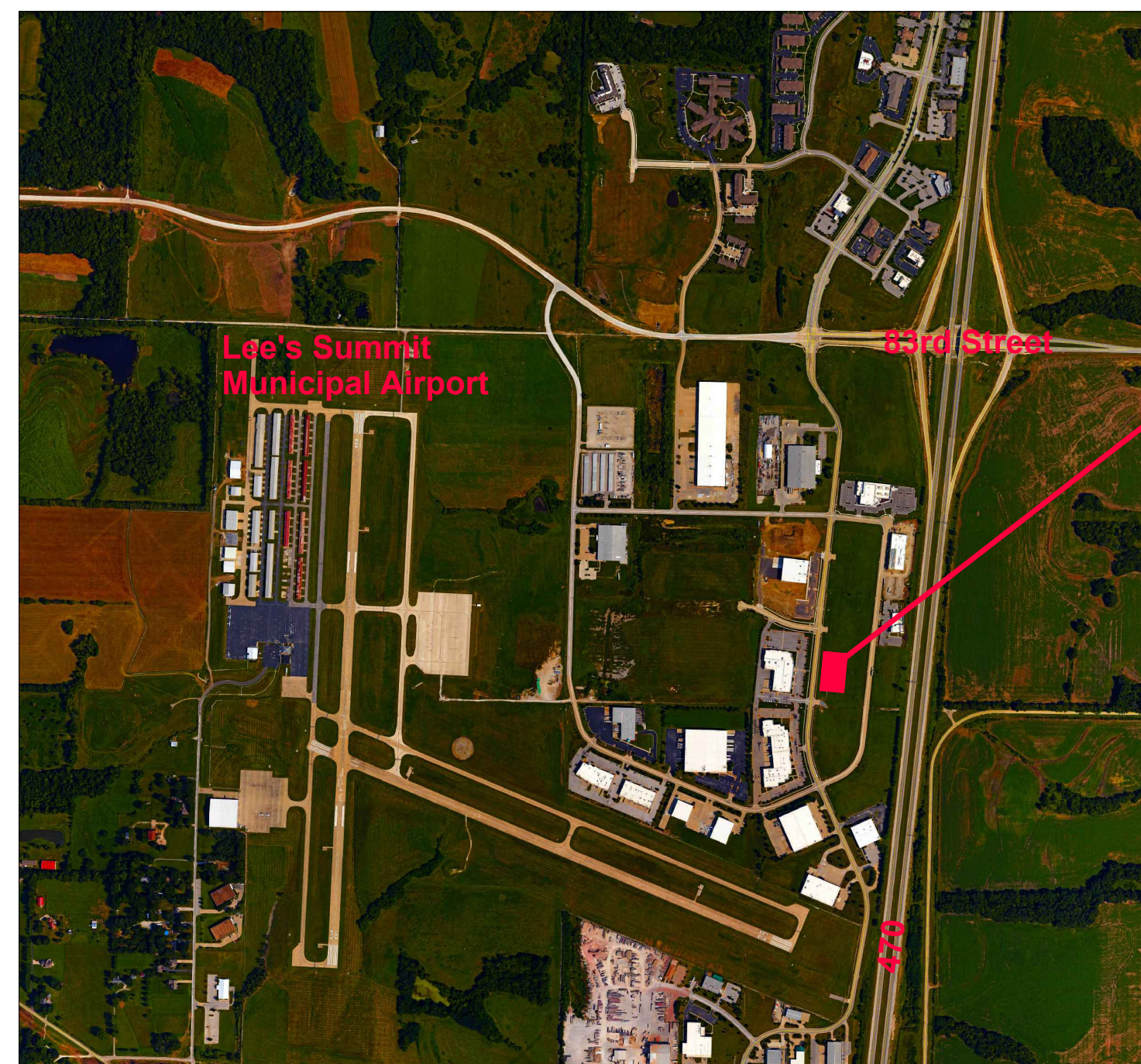
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ARCHITECTURAL
SERVICES
Robert J. Shirk Jr. - Principal / Project Mgr.

3009 ELMIRA CT.
INDEPENDENCE,
MISSOURI 64057
(816) 797-7115



PROJECT
SITE



LOCATION PLAN

project synopsis:

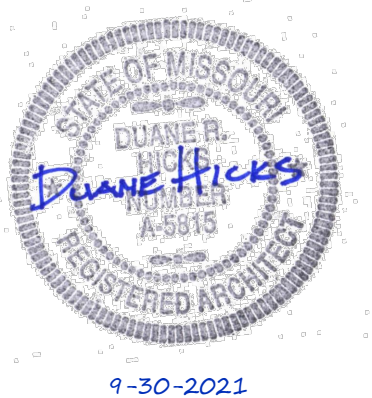
Governing Municipality: Lee's Summit, Missouri
 Address: 2736 NE McBaine Drive
 Stories: one
 Allowable Height: 70'-0"
 Actual Building Height: 36'-0"
 Clear Height: 26'-0"
 Construction Type: IIB
 Allowable Area: 70,000 sq. ft. before frontage increase
 Actual Building Area: 68,222 sq. ft.
 Lease Area: 20,600 sq. ft.
 Fire Suppression: Yes (NFPA13) Per Section 507.3
 Occupant Group: S-1 Moderate-Hazard Storage
 Occupant Load:
 20,600 sq. ft. / 500 gross = 42 occupants
 Plumbing Requirements:
 42 occupants - 21 Male, 21 Female
 Toilets/Urinals - Male 1 per 100 = 1 Fixture required
 Toilets - Female 1 per 100 = 1 Fixture required
 Lavs - 1 per 200 = 1 each
 1 drinking fountain - high/low
 1 service sink
 All plumbing requirements met or exceeded.

sheet index:

ARCHITECTURAL
 CVR Cover
 A101 Plans
 MECH / ELECT / PLUMB
 M101 Mechanical Floor Plans
 P101 Plumbing Floor Plans
 MP101 Mech. & Plumb Notes
 E101 Electrical Floor Plans
 E102 Electrical Schedules

applicable codes:

2018 International Building Code
 2018 International Plumbing Code
 2018 International Mechanical Code
 2018 International Fuel Gas Code
 2018 International Fire Code
 2017 National Electrical Code
 ICC/ANSI A117.1-2009, Accessible and Usable Buildings and Facilities

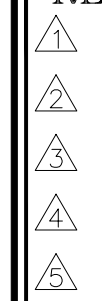


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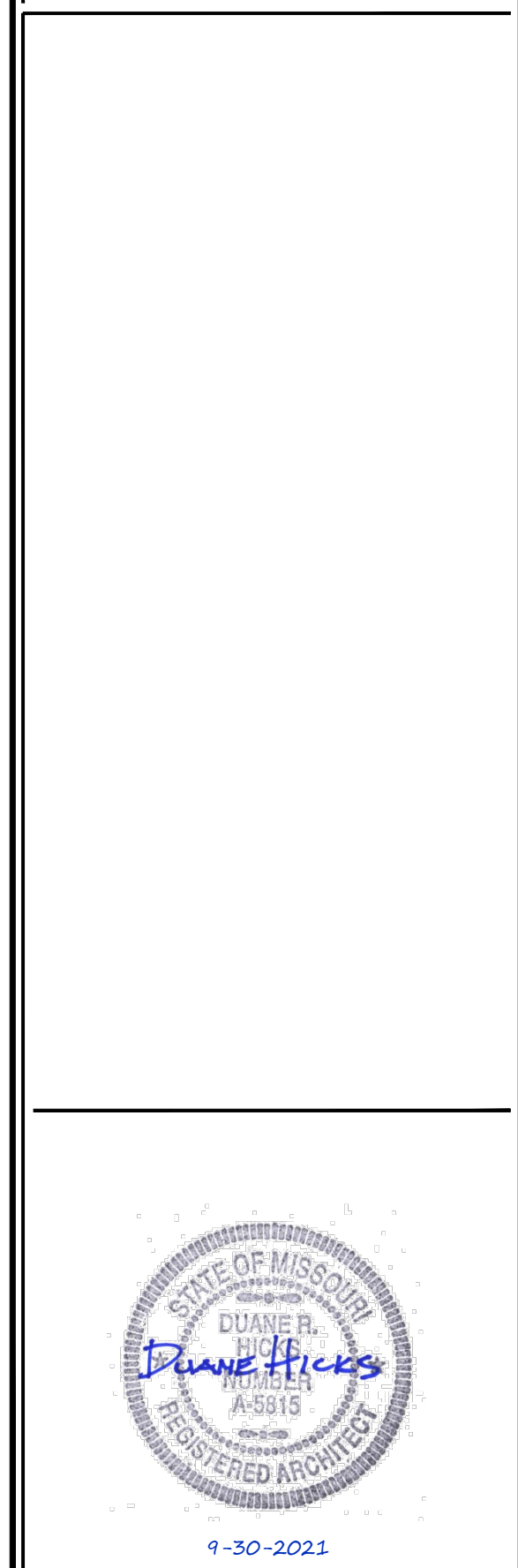
CVR

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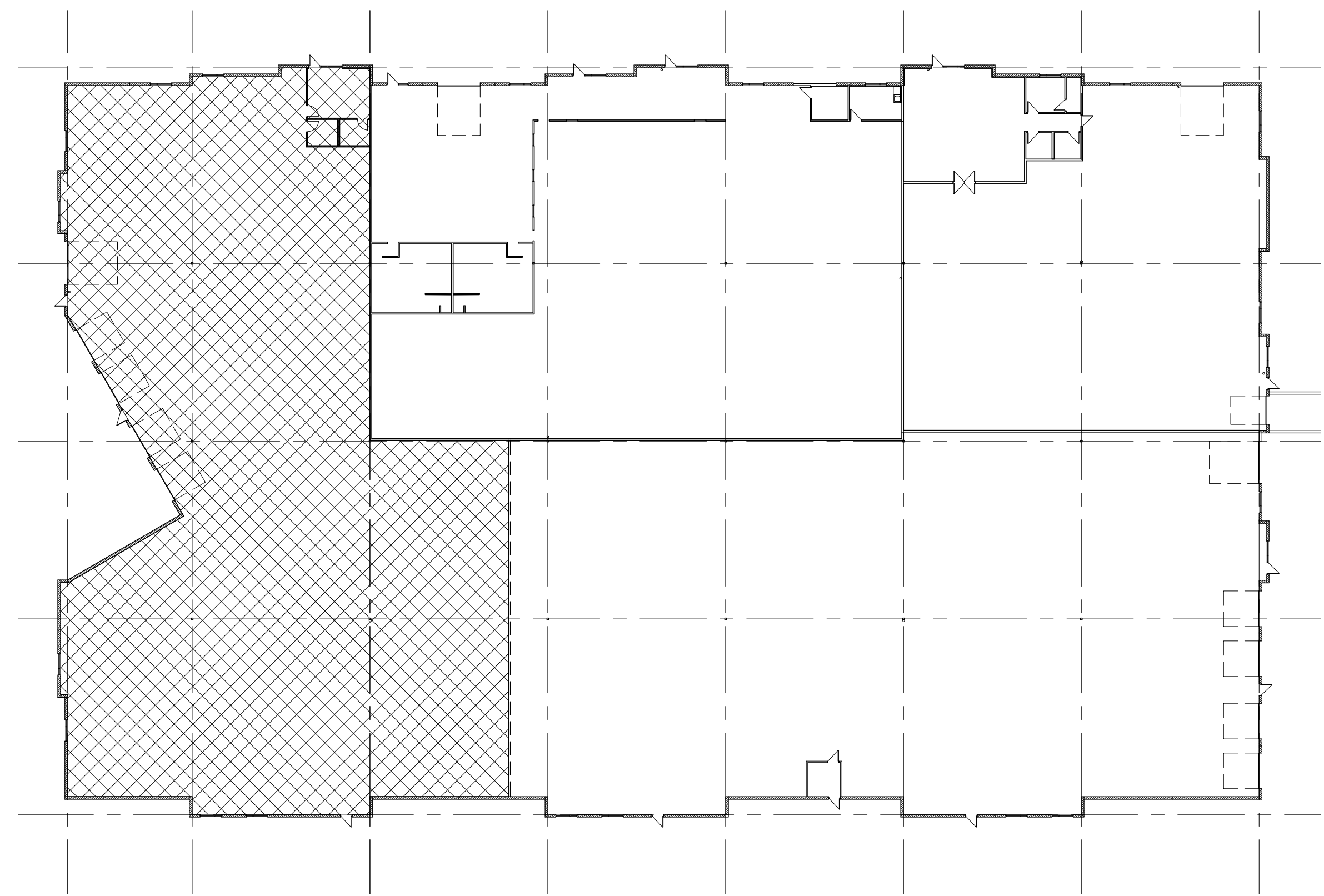
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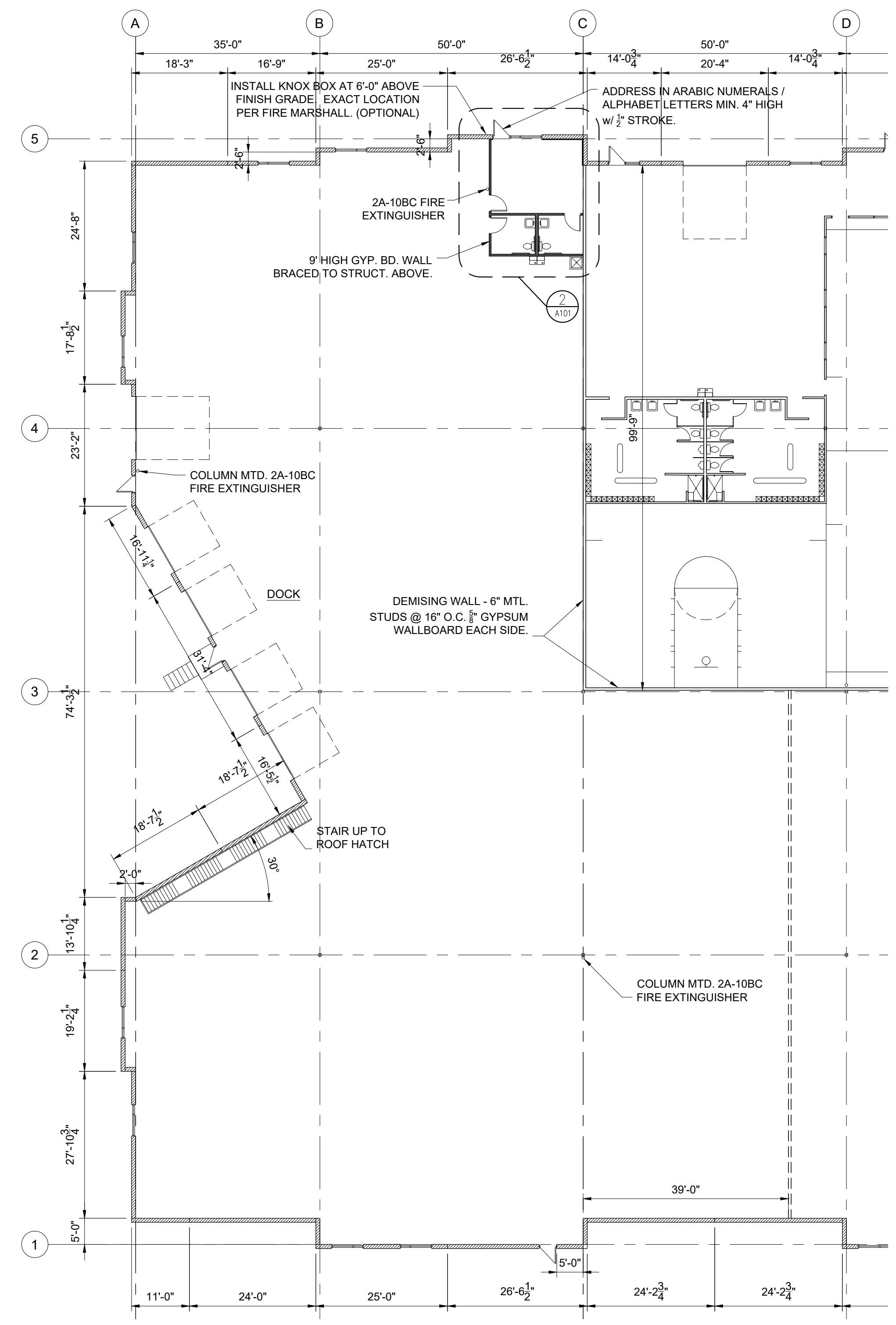
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SHEET NO.
A101
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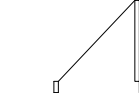
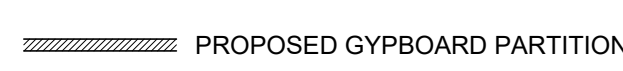



3 Overall Floor Plan
scale: 1"=30'-0"
north



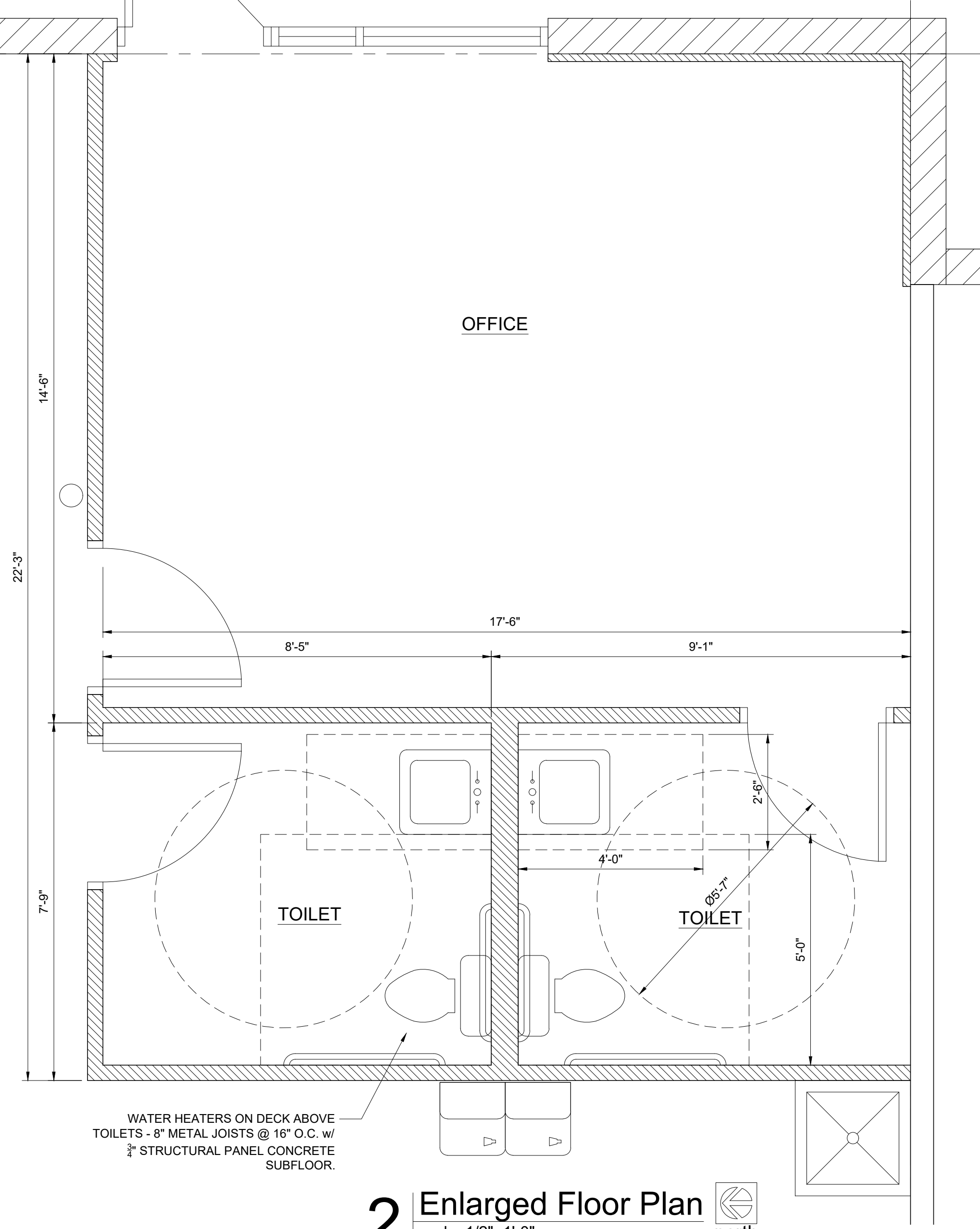
1 Floor Plan
scale: 1/16"=1'-0"
north

LEGEND:

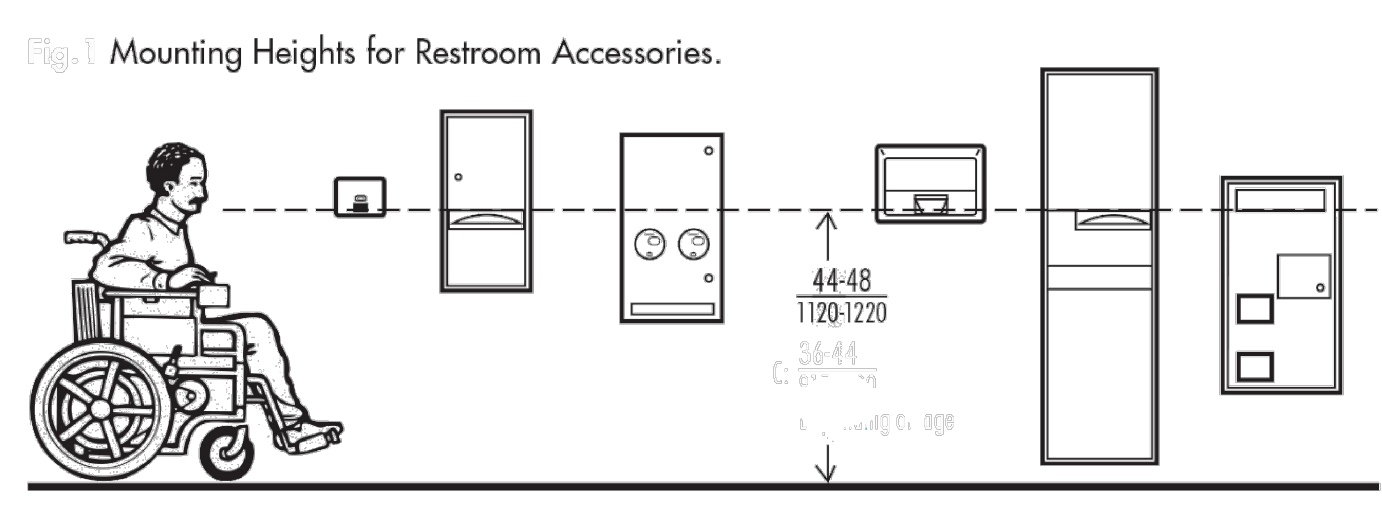
-  NEW DOOR
-  EXISTING DOOR TO REMAIN
-  PROPOSED GYPBOARD PARTITION
-  FIRE EXTINGUISHER

plan notes:

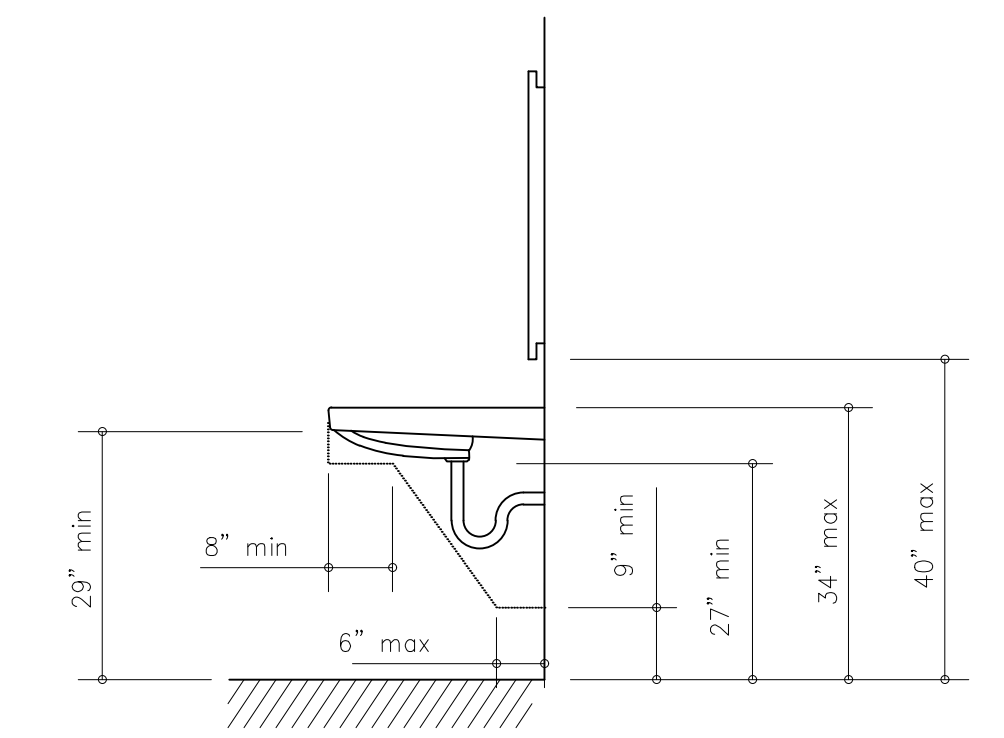
1. Install address number on the building facing Independence Avenue and at each Tenant's entrance as directed by the AHJ. (Min. 4" letters/numerals with min. 1/2" stroke.)
2. Install a Knox Box as directed by the Fire Department Chief. (Optional)
3. Toilet room floors to be vinyl tile. Toilet room walls to be painted with vinyl base except 4' high fiberglass reinforced panels (FRP) at plumbing fixtures. Wall behind mop sink to be covered with FRP. Warehouse floor to be sealed concrete.
4. Partitions - 3 5/8" mtl. studs @ 16" O.C. gypsum board both sides 9'-0" high.



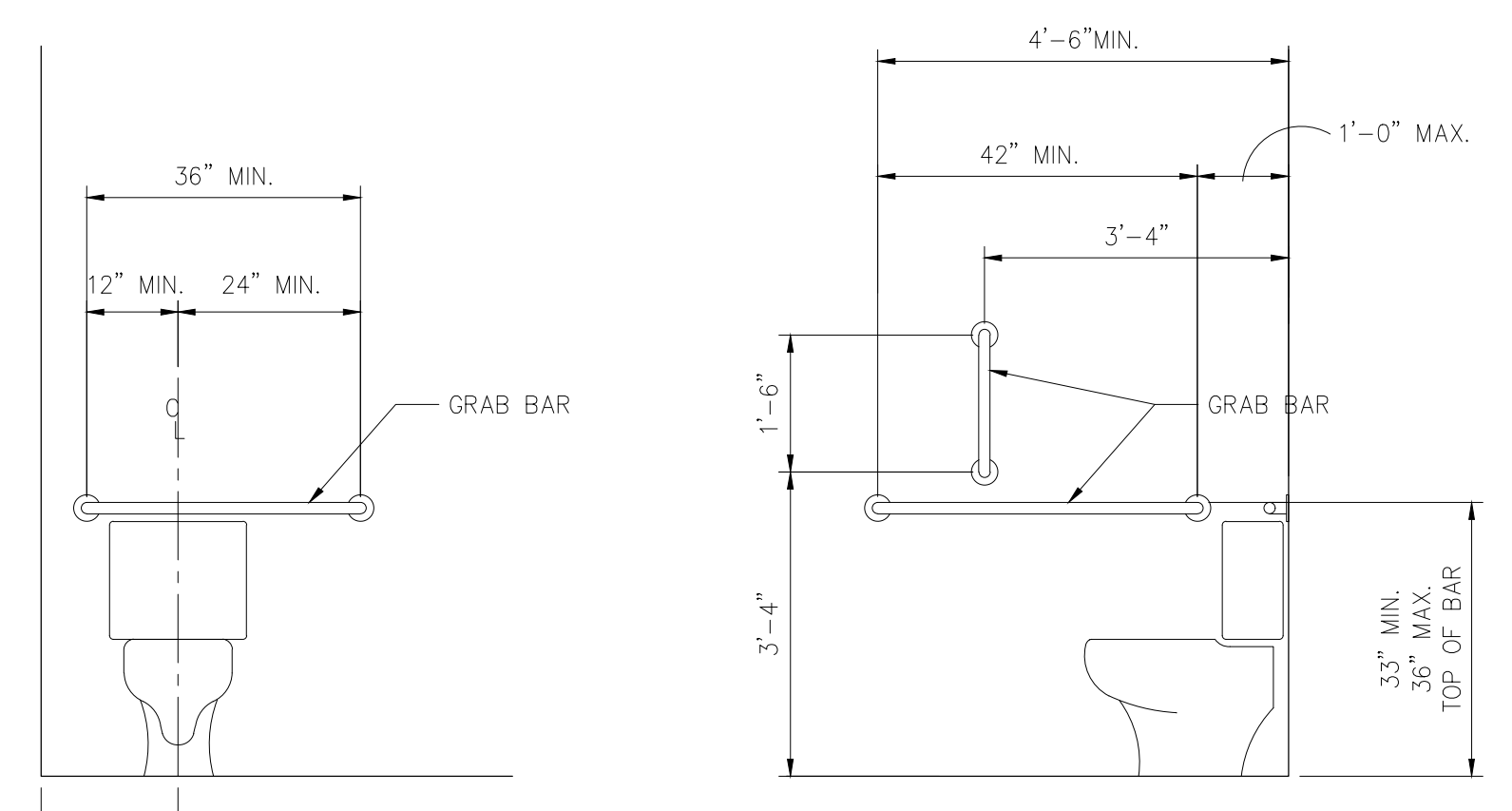
2 Enlarged Floor Plan
scale: 1/2"=1'-0"
north



6 ACCESSORY MOUNTING HEIGHTS
scale: None



5 LAVATORY CLEARANCES
scale: 1/2"=1'-0"



4 GRAB BAR ELEVATIONS
scale: 1/2"=1'-0"

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DATE: 10/12/2021

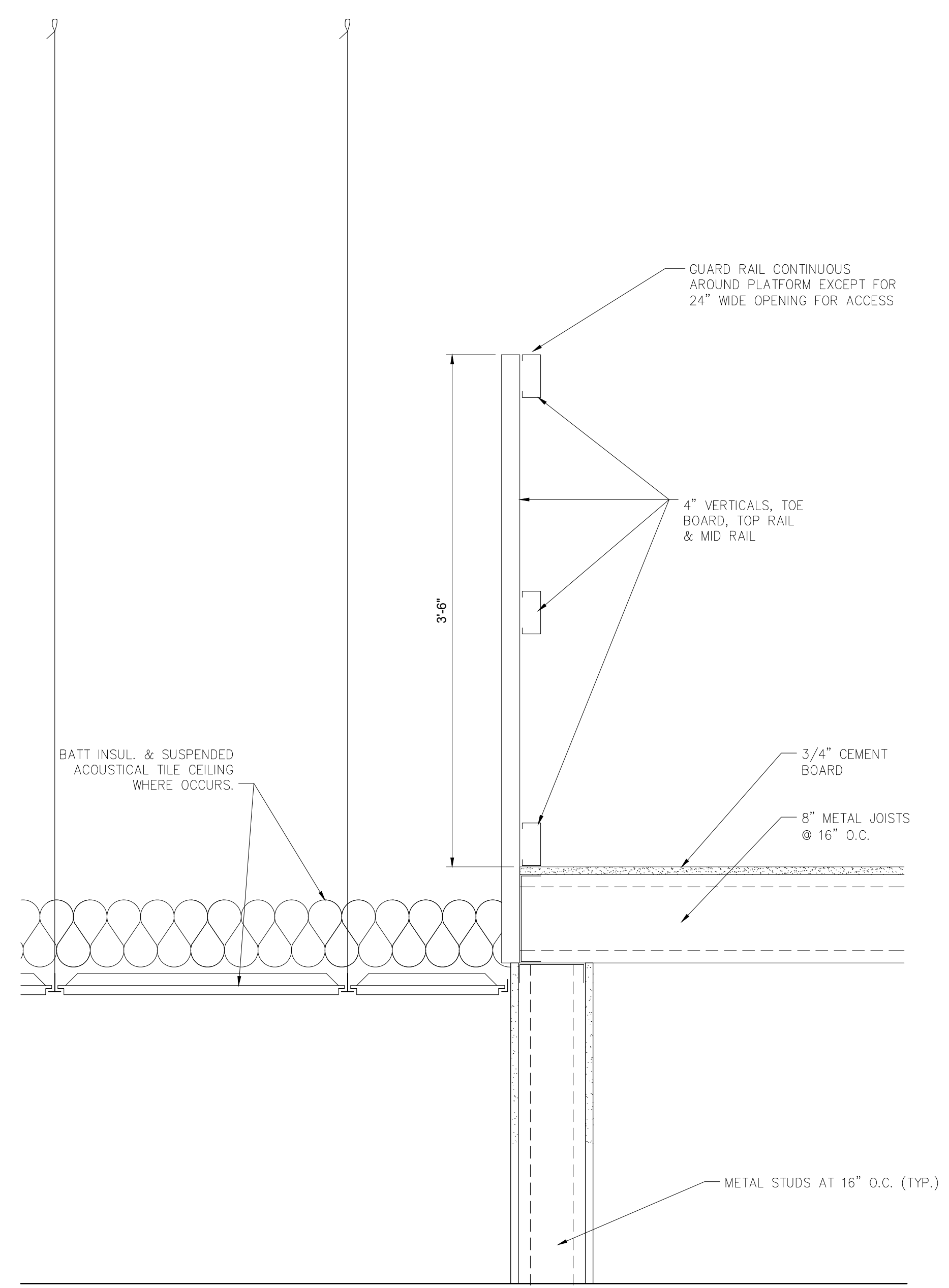
- REVISIONS:
- △ 10/12/2021 City Comments
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SBC

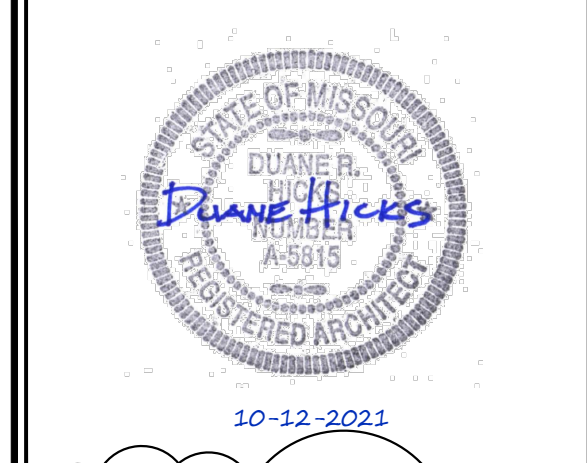
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1 GUARD RAIL AT MECH. DECKS
scale: 1 1/2"=1'-0"



△ SHEET NO.
A102

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SCHEDULE OF PIPE AND FITTING MATERIAL

SERVICE	MATERIAL	JOINTS	FITTINGS	NOTES
VENTS AND WASTE LINES (ABOVE GROUND)	SERVICE WEIGHT CAST IRON (CI) (PVC WHEN APPROVED BY CITY)	LEAD OR TYSEAL	CAST IRON-PVC APPROVED	①
SOIL LINES (BELOW GROUND) - UNDER SLAB	CAST IRON (CI) (PVC WHEN APPROVED BY CITY)	LEAD OR TYSEAL	CAST IRON-PVC APPROVED	②
DOMESTIC WATER PIPE (ABOVE GROUND)	COPPER 1/2" HARD ASTM C-200	SOLDERED OR BRAZED	WROUGHT COPPER OR CAST BRONZE	③
SEWER LINE PIPING (BELOW GROUND) NOT UNDER SLAB	PVC	ASTM C-425	ASTM C-200	① ②
GAS PIPE (BELOW GROUND)	SCHEDULE 40, BLACK STEEL-X-TRUE COATED AND WRAPPED	CAST IRON	CAST IRON MALLEABLE IRON	④ ⑤
GAS PIPE (ABOVE GROUND)	SCHEDULE 40 BLACK STEEL	SCREWED	CAST IRON MALLEABLE IRON	④ ⑥

NOTES

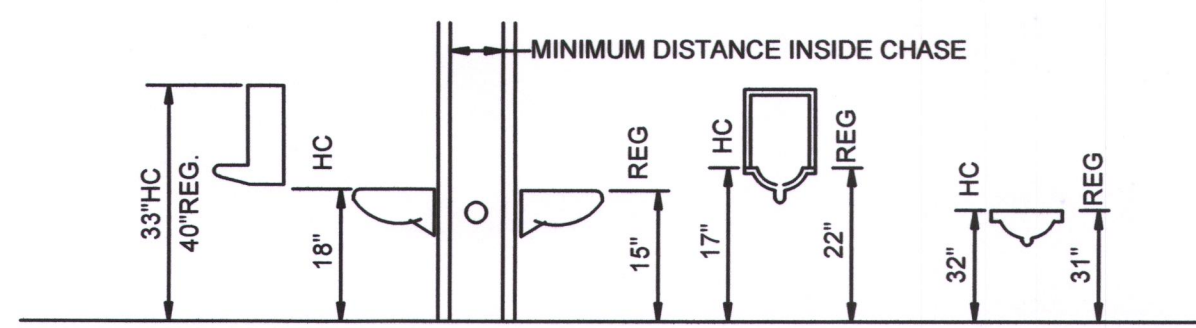
- PVC OR ABS SCHEDULE 40, SOLVENT WELDED JOINTS MAY BE USED ONLY WITH WRITTEN AUTHORIZATION OF APPROVAL BY LOCAL INSPECTING AUTHORITY SUBMITTED BELOW TO ARCHITECT AND ENGINEER PRIOR TO BIDDING. CONDITIONS OF NOTE ② BELOW. SCR-35 SANITARY PIPE WHEN APPROVED.
- NO PVC OR ABS TO BE USED IN TYPE II CONSTRUCTION, THROUGH OR IN RETURN AIR PLENUMS, IN CITIES WHERE SUCH MATERIAL IS NOT ACCEPTABLE, OR BELOW BUILDING SLAB OR DRIVEWAY SURFACES.
- PROVIDE AIR CHAMBERS 18" TALL PRIOR TO CONNECTION OF HOT/COLD WATER LINES TO PLUMBING FIXTURES. COLD WATER LINES TO PLUMBING FIXTURES: ALL POTABLE WATER SYSTEMS SOLDERING TO BE 95/5, TIN ANTIMONIAL OR UL, BOCA, UPC APPROVAL FOR SUBSTITUTION.
- SCREWED GAS CONNECTION FOR 2" AND SMALLER; WELDED CONNECTION FOR 2" AND LARGER, AND IN RETURN AIR PLENUMS.
- THREADS AND WELDS PAINTED PRIOR TO WRAPPING, ALL EXTERIOR PIPING (ESPECIALLY ON ROOF) TO BE PAINTED (COLOR BY ARCHITECT) TO MATCH ADJACENT SURFACE. PROVIDE CATHODIC UNDERGROUND PROTECTION ON GAS PIPING AS RECOMMENDED BY LOCAL KPL GAS SERVICE (FOR GOVERNING AUTHORITY)
- CONNECT ALL GAS TO EQUIPMENT THROUGH GAS COCK, UNION AND DIRT LEG.

PLUMBING CONNECTION/MOUNT.

FIXTURE	HOT WATER	COLD WATER	WASTE	VENT
LAVATORY OR SINK WATER CLOSET, TANK TYPE	1/2"	1/2"	1-1/2" 4"	1-1/2" 3"

FIXTURE	MOUNTING HEIGHT
LAVATORY OR SINK	31" FLOOR TO RIM
HANDICAPPED LAVATORIES	34" FLOOR TO RIM
WATER CLOSET	15" FLOOR RIM
HANDICAPPED WATER CLOSET	18" FLOOR TO RIM

PLUMBING CONTRACTOR TO REFERENCE PLUMBING FLOOR PLANS AND DETAIL SHEET AND SPECIFICATIONS FOR SPECIFIC FIXTURE IDENTIFICATION USED.



PIPING INSULATION SCHEDULE

PIPE SYSTEM	INSULATION	THICKNESS	TEMP.
REFRIGERANT SUCTION		1/2"	-20°F TO 70°F
DOMESTIC HOT & COLD HORIZONTAL MAINS ONLY		1/2"	-20°F TO 70°F
HANDICAP "P" TRAP & HOT WATER UNDER LAVATORYS		1/2"	-20°F TO 70°F

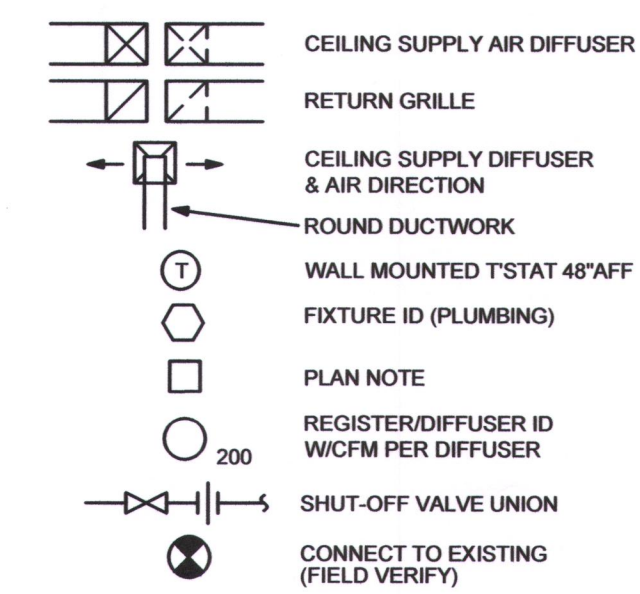
NOTE: ALL HORIZONTAL HOT & COLD WATER MAINS ARE TO BE INSULATED. VERTICAL MAINS AS NOTED OR SHOWN ON PLANS.

INSULATE UNCONDITIONED AND UNCONDITIONAL SPACES.

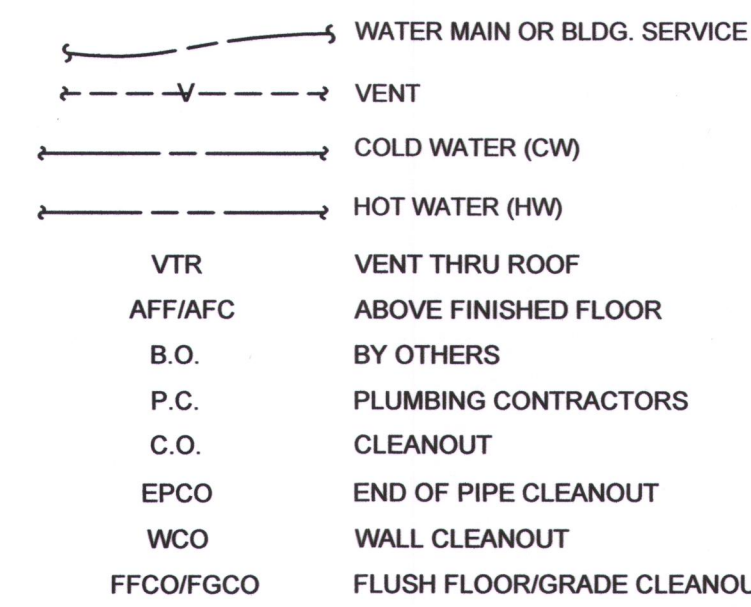
** FLEXIBLE UNICELLULAR (UP THRU 2") UNICELLULAR ELASTOMERIC CLOSED CELL INSULATION, 0.27 BTU-IN/H-SF THERMAL CONDUCTANCE AT 75°F, 3% MAXIMUM WATER ABSORPTION BY WEIGHT. ARMSTRONG AP ARMAFLEX OR RUBATEX.

PROVIDE FIBERGLASS INSULATION FOR DOMESTIC WATER & STORM DRAIN PIPING.

MECHANICAL LEGEND



PLUMBING LEGEND



GENERAL REQUIREMENTS

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL BUILDING, MECHANICAL, PLUMBING CODES NATIONAL ELECTRICAL CODE, NATIONAL FIRE PROTECTION CODE, EPA REGULATIONS, AND OCCUPATIONAL SAFETY AND HEALTH ACT.
- CONTRACTOR SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT TO PROVIDE COMPLETE AND FUNCTIONING INSTALLATIONS, AND ALL MATERIAL AND EQUIPMENT SHALL BE NEW UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR SHALL PROTECT ALL EXISTING WORK TO REMAIN, AND SHALL REPAIR ANY DAMAGED INCIDENTAL TO PERFORMANCE OF NEW WORK.
- INTERFERENCE WITH OWNERS OPERATIONS OR INTERRUPTION OF SERVICES SHALL BE FULLY COORDINATED WITH OTHERS.
- ACCEPTANCE OF WORK SHALL BE SUBJECT TO OWNER'S REPRESENTATIVE APPROVAL OF WORK IN PLACE AS WELL AS SHOP DRAWINGS AND SAMPLES OF MATERIALS AND EQUIPMENT WHICH SHALL BE CHECKED BY CONTRACTOR BEFORE SUBMITTAL.
- CONTRACTOR SHALL SUBMIT MARKED UP CLEAN PRINTS OF AS-BUILT CONDITIONS SHOWING CONCEALED DEVIATIONS FROM DESIGN.
- CONTRACTOR SHALL KEEP PREMISES OF WORK AREA CLEAN DAILY, BROOM CLEAN AT PROJECT COMPLETION, AND SHALL REMOVE ALL REFUSE FROM SITE REGULARLY.
- CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH EXISTING CONDITIONS BEFORE STARTING NEW WORK. CONCEALED CONDITIONS SHALL BE ADDRESSED WITH DUE CAUTION SUCH THAT UTILITIES AND SYSTEMS ARE PROTECTED.
- CONTRACTOR SHALL CUT AND PATCH HOLES IN EXISTING CONSTRUCTION AS REQUIRED FOR NEW WORK WITH DUE CAUTION SUCH AS STRUCTURAL AND WEATHER-PROOF INTEGRITY IS MAINTAINED WITHOUT IMPARTMENT.
- CONTRACTOR SHALL WARRANTY ALL NEW WORK FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE AND SHALL REPAIR OR REPLACE AND DEFECTIVE WORK INCLUDING MATERIAL, LABOR AND EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER.
- EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE ON PREVIOUS CONTRACT DRAWINGS AND FROM VISUAL SITE INSPECTIONS AND ARE NOT TO BE CONSTRUCTED AS "AS-BUILT" CONDITIONS, BUT ARE TO INDICATE THE INTENT OF THIS WORK.
- ALL PERMITS AND LICENSES THAT ARE REQUIRED BY GOVERNING AUTHORITIES FOR THE PERFORMANCE OF MECHANICAL AND ELECTRICAL WORK SHALL BE PROCURED AND PAID FOR BY THE CONTRACTOR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL EQUIPMENT IN SUCH A MANNER AS TO CONTROL THE TRANSMISSION OF NOISE AND VIBRATION FROM ANY INSTALLED EQUIPMENT OR SYSTEM, SO THE SOUND LEVEL SHALL NOT EXCEED NC35, IN ANY OCCUPIED SPACE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTION OF ANY OBJECTIONABLE NOISE IN ANY OCCUPIED AREA DUE TO IMPROPERLY INSTALLED EQUIPMENT.
- MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF DIFFUSERS, REGISTERS AND GRILLS WITH ARCHITECTURAL REFLECTED CEILING PLAN AND ELECTRICAL LIGHT LAYOUT.
- MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ROOF TOP EQUIPMENT AND DUCT PENETRATIONS WITH STRUCTURAL.
- MECHANICAL CONTRACTOR SHALL SIZE AND INSTALL REFRIGERANT PIPING TO EQUIPMENT AS RECOMMENDED BY EQUIPMENT MANUFACTURER, INCLUDE ALL NECESSARY CONTROLS AND INTERLOCK WIRING, INSULATE SUCTION PIPING WITH 3/4" THICK ARMAFLEX (OUTDOOR INSULATION SHALL BE ULTRAVIOLET PROTECTED).
- RECTANGULAR DUCT TO BE CONSTRUCTED OF PRIME GALVANIZED SHEET METAL LINED WITH 1/2", 3 lb. DENSITY FIBERGLASS INSULATION. ROUND FLEXIBLE DUCT TO BE TERMAFLEX TYPE MKC OR EQUAL WITH 1" FIBERGLASS INSULATION EXTERNALLY WRAPPED. PLANS REFLECT COMPENSATION OF 1/2" INTERIOR INSULATION LINER.
- MECHANICAL CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO SUBMITTING A BID. FIELD CHECK AND VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING EQUIPMENT AND REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
- MECHANICAL CONTRACTOR SHALL COORDINATE ALL WIRING AND ELECTRICAL INTERLOCKS WITH THE ELECTRICAL CONTRACTOR.
- PLUMBING CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO SUBMITTING A BID. FIELD VERIFY ALL UTILITIES LOCATION, SIZE ACCESSIBILITY AND FEES. REPORT ANY DISCREPANCIES TO THE ENGINEER/ARCHITECT IMMEDIATELY.
- PLUMBING CONTRACTOR TO PROVIDE WHEELHANDLE STOPS AND AIR CHAMBERS ON ALL HOT & COLD WATER LINE PRIOR TO CONNECTION TO EACH FIXTURES.
- PLUMBING CONTRACTOR SHALL ANCHOR DRAIN LINES FROM FURNACE COIL AND FROM WATER HEATER DRAIN PAN OVER FLOOR DRAIN.

PLUMBING FIXTURE SCHEDULE

	WATER CLOSET - GERBER, AQUA SAVER 221-718 18" AFF. TO RIM VITREOUS CHINA, ELONGATED FLOOR OUTLET, SIPHON JET ACTION, TANK TYPE TOILET WHITE, SOLID PLASTIC - KOHLER #K-A714 OPEN FRONT SEAT LESS COVER. PROVIDE FLEXIBLE SUPPLY PIPE WITH WHEEL HANDLE STOP. 1/2" CW, 1-1/2" WASTE, 2" VENT.
	LAVATORY - AMERICAN STANDARD #9141.011 WALL HUNG VITREOUS CHINA WHITE WITH #7516.172 GOOSENECK FAUCET DRAIN PACKAGE. PROVIDE CONCEALED WALL SUPPORT & 4" WRIST BLADES. 1/2" H & CW, 1-1/2" WASTE, 1-1/2" VENT, 2" BELOW SLAB. MOUNTING HEIGHT 31" A.F.F.
	FLOOR DRAIN - JOSAM 32000 CAST IRON, ROUND 7" NIKOLY MEDIUM DUTY LOOSE SET ANTI-TILTING GRATE. SIZE TO SUIT PIPE SIZE AS SHOWN ON DWG. OR EQUAL.
	JANITOR SINK - FLOOR MOUNTED BASIN W/AMERICAN STANDARD 8341.075 FAUCET WITH VACUUM BREAKER. INCLUDE VINYL BUMPER FOR EXPOSED SIDE & PROVIDE P-TRAP FOR DRAIN. 1/2" H & CW, 3" WASTE, 2" VENT.
	DRINKING FOUNTAIN - HALSEY TAYLOR #HAC8FSBL-QADA BARRIER FREE COOLER, 120V, 1Ø, 4 AMP. 1/2" CW, 1 1/2" WASTE, 1 1/4" VENT

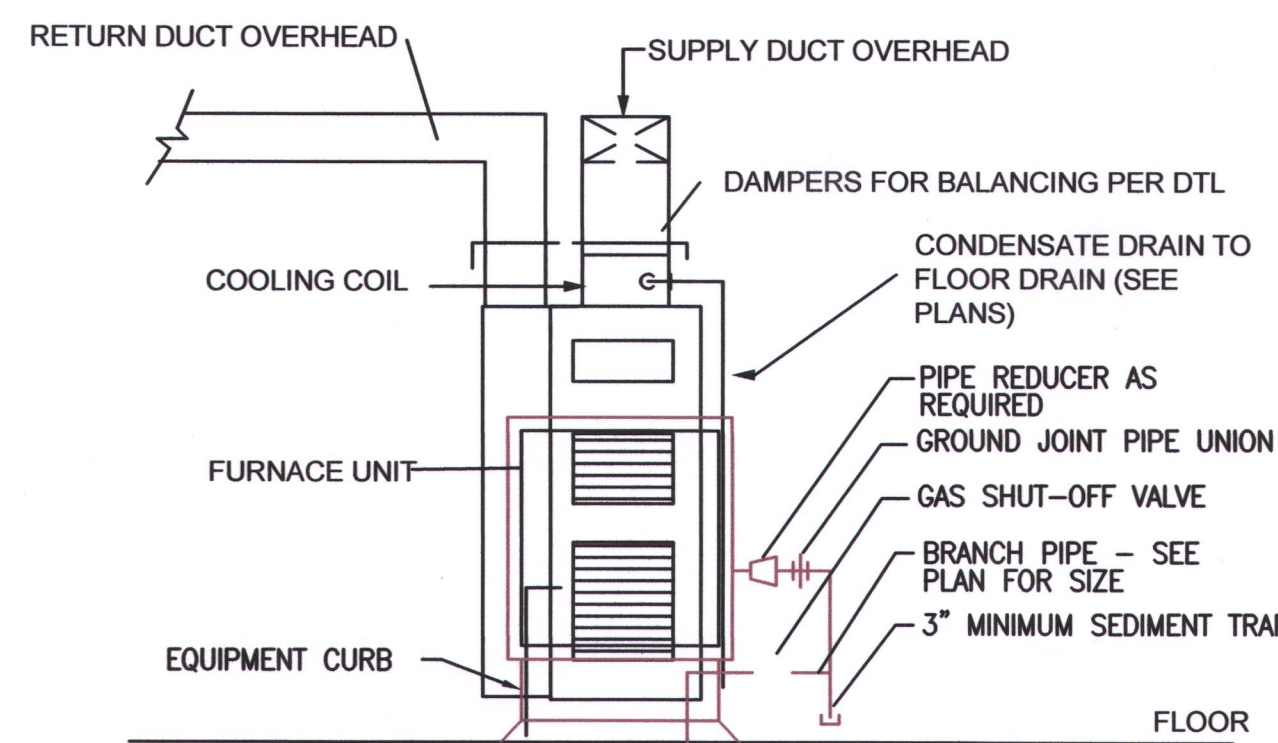
GAS FIRED MECHANICAL EQUIPMENT SCHEDULE

FURN	FURNACES SHALL BE CARRIER CONFORT 92 SERIES WITH 90,000BTU HEATING, 90% EFFICIENT WITH 50 CFM OF FRESH AIR ENTERING INTO THE RETURN AIR DUCT. COMBUSTION AIR AND FLUE GASES SHALL GO OUT THE ROOF IN PVC PIPING. EQUIVALENT BY TRANE & LENNOX IS ACCEPTABLE. PROVIDE HUMIDIFIER
CU-A	PROVIDE MATCHING 1.5 TON CONDENSING UNIT, 208V-1PH
EF-1	EXHAUST FAN - SERVING TOILETS. BRIDAN #684, 100 CFM, 120V, 1Ø PROVIDE DAMPER AND EXTEND DUCT OUT THE ROOF. PROVIDE CAP AND FLASH WATERTIGHT

DIFFUSER & REGISTER SCHEDULE

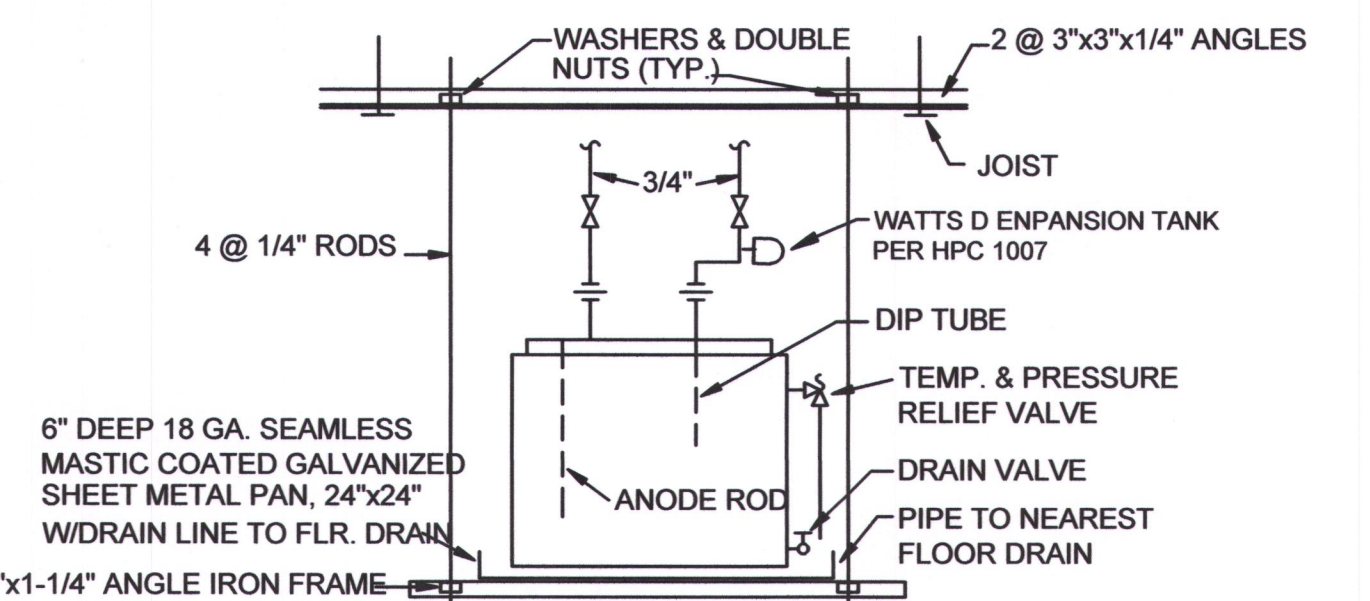
IDENT.	MANUF.	MODEL	SIZE	FINISH	
(A)	TITUS	TMS-8"	24"x24"	WHITE	SUPPLY
(B)	TITUS	TMS-6"	12"x12"	WHITE	SUPPLY
(C)	TITUS	300RL	24"x24"	WHITE	RETURN

CONTRACTOR SHALL VERIFY ALL CEILING TYPES AND DUCT SIZES FOR DIFFUSERS



TYPICAL FURNACE DETAIL

NO SCALE
PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST AS REQUIRED.



ELECTRIC WATER HEATER

NO SCALE APPROX. 120 LBS OPERATING WEIGHT.

10 GALLON WATER HEATER: NATIONAL #NSG-10 GLASSLINED, 10 GAL. CAPACITY, 1.5 KW, 120V, 1Ø WITH MAGNESIUM ANODE. PIPE RELIEF VALVE DISCHARGE DOWN TO TRAPPED CONNECTION TO VENT ABOVE CEILING.

APPROVED EQUALS: MOR/FLO AMERICAN, RHEEM. PROVIDE AMTRON #ST-5 EXPANSION TANK

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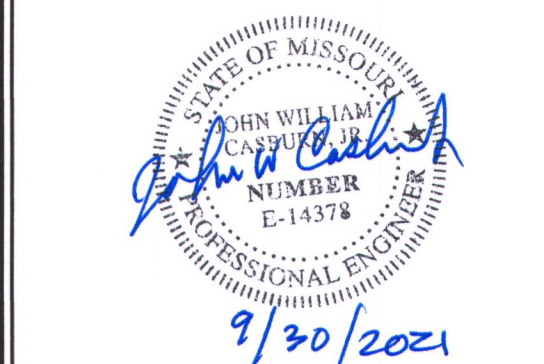


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MP101

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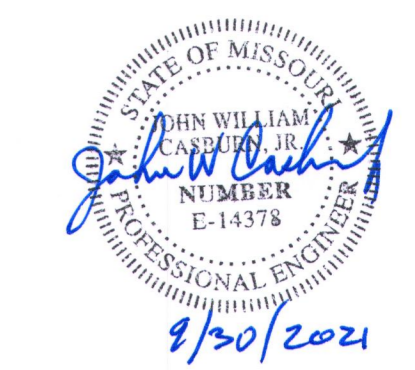
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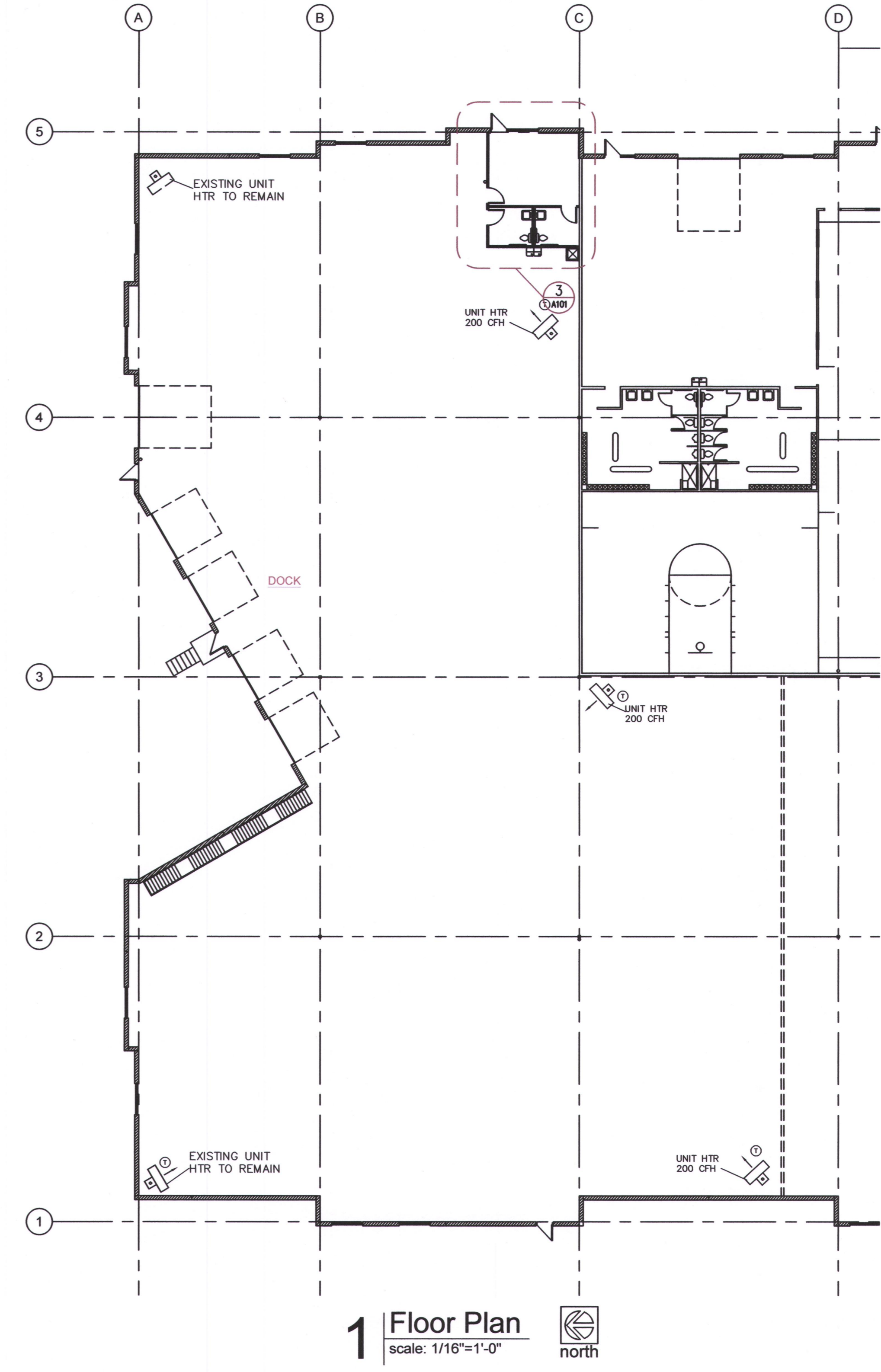
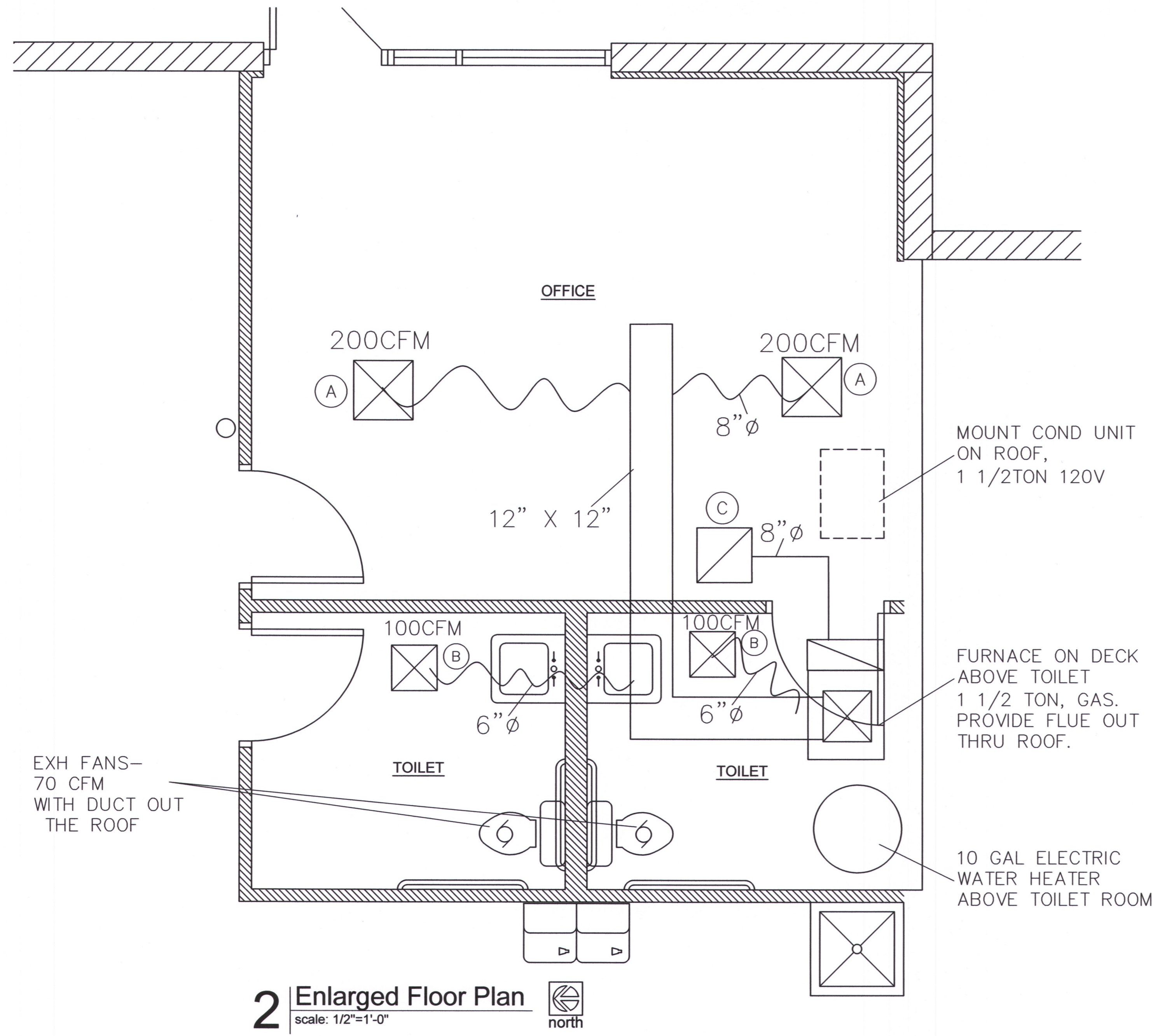


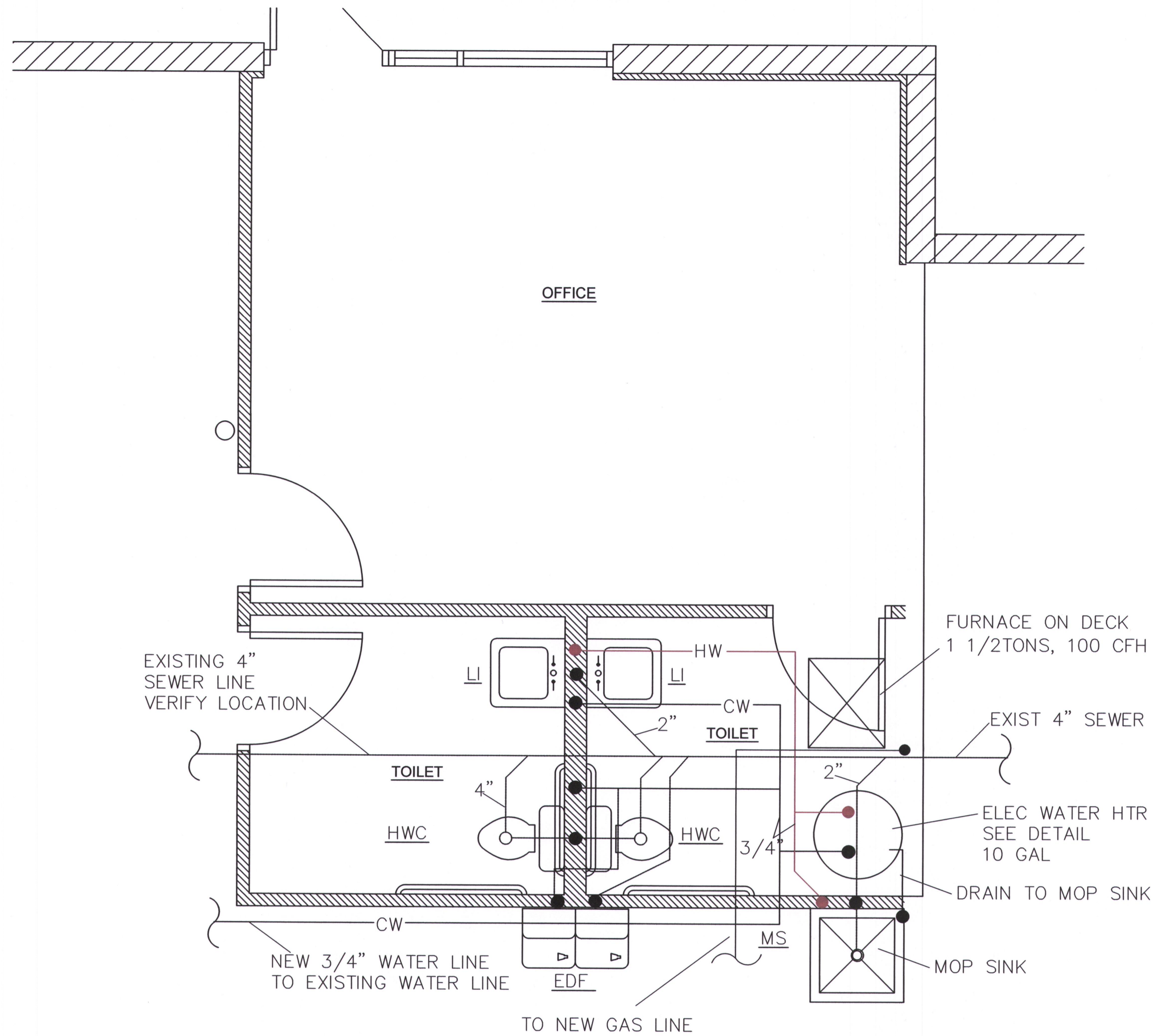
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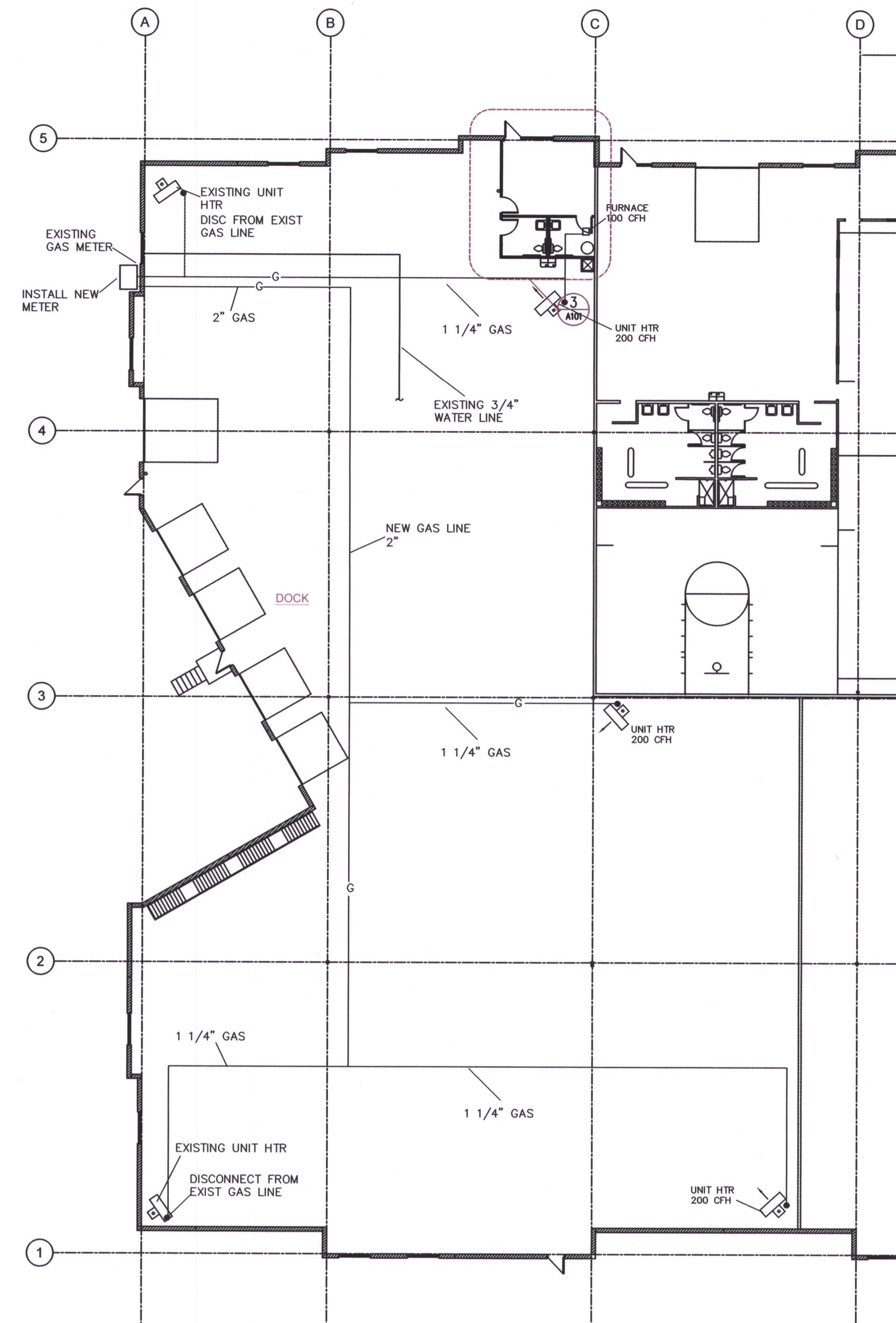


SHEET NO. M101





2 Enlarged Floor Plan
 scale: 1/2"=1'-0"
 north



1 Floor Plan
 scale: 1/16"=1'-0"
 north

RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI 10/21/2021

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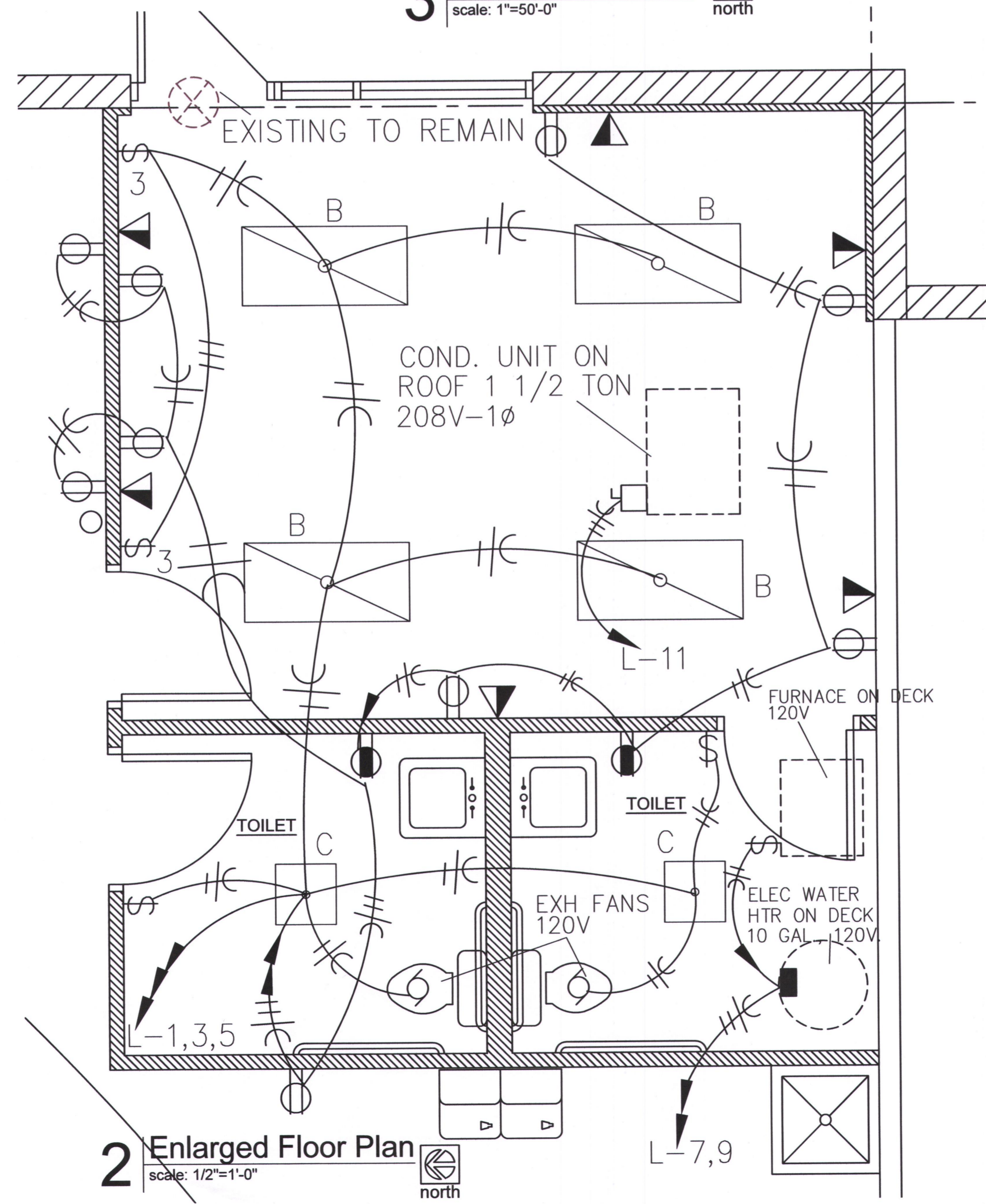
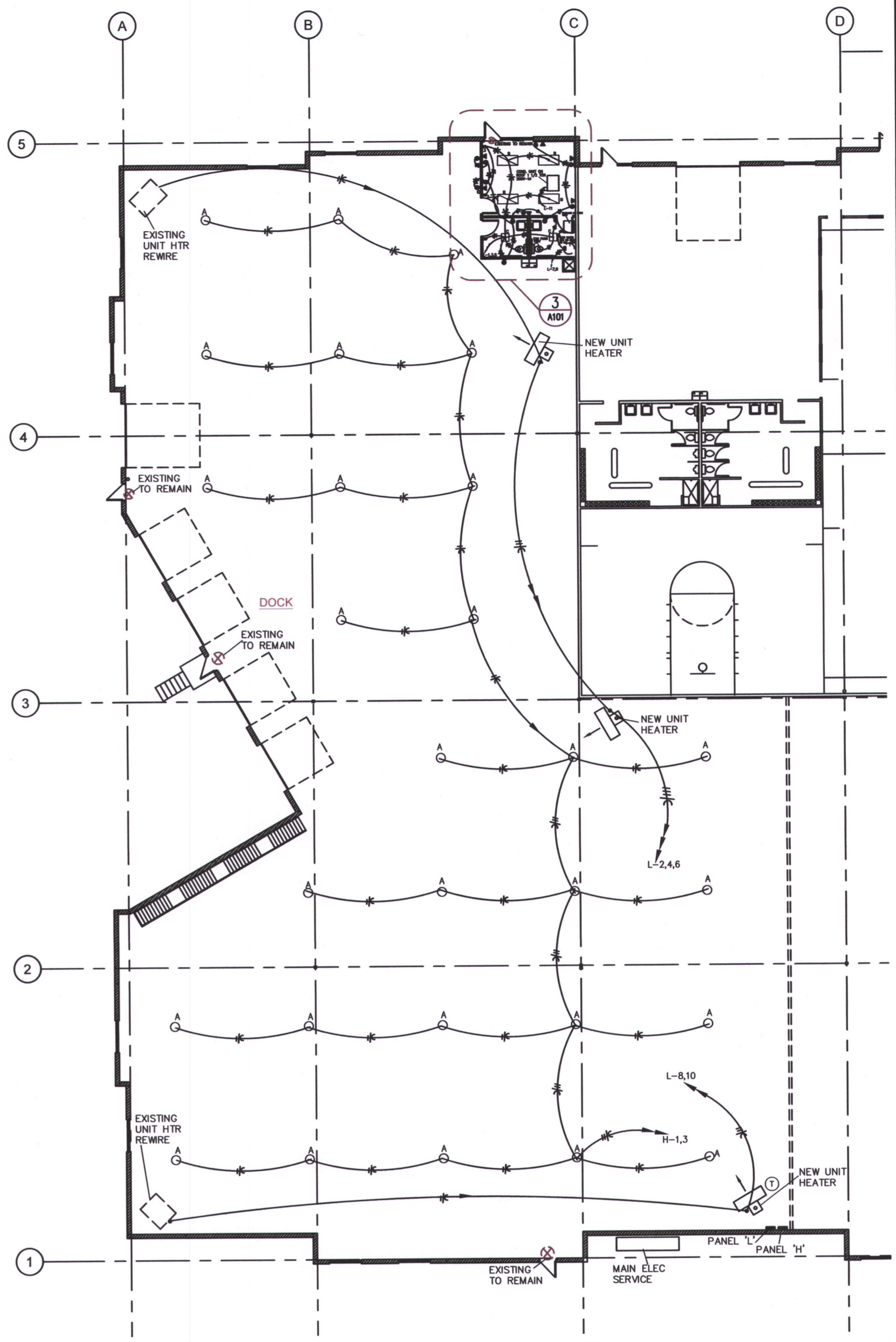
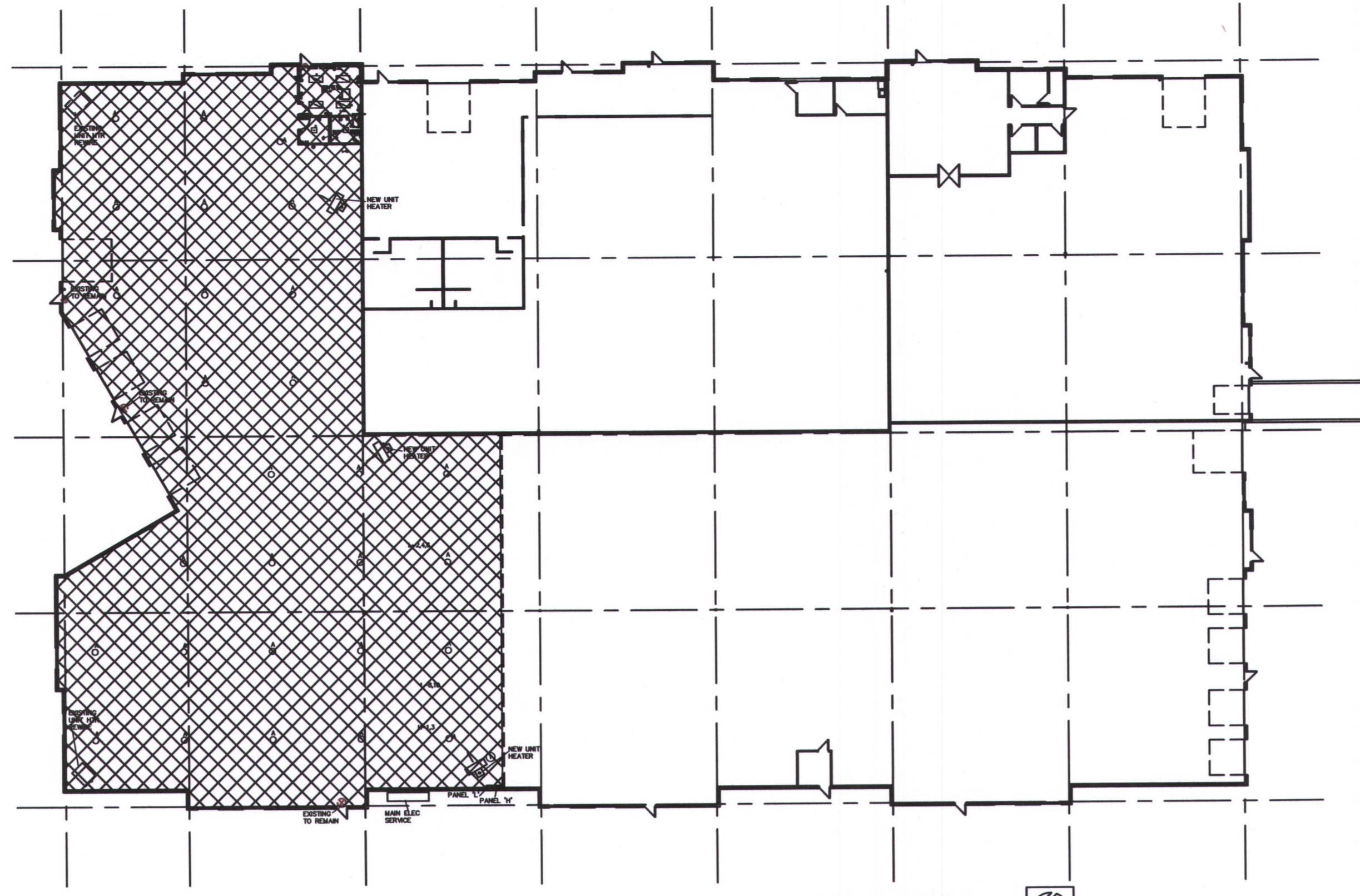


9/20/2021

SHEET NO.

P101

SYMBOLS & LEGEND	
\$	SINGLE POLE SWITCH, MOUNTED AT 46" O.C. A.F.F. UNLESS OTHERWISE NOTED.
\$ ²	TWO POLE SWITCH, MOUNTED AT 46" O.C. A.F.F. UNLESS OTHERWISE NOTED
\$ ³	THREE-WAY SWITCH, MOUNTED AT 46" O.C. A.F.F. UNLESS OTHERWISE NOTED
\$ ⁴	FOUR-WAY SWITCH, MOUNTED AT 46" O.C. A.F.F. UNLESS OTHERWISE NOTED
	EMERGENCY LIGHTING, MOUNTED AT 7'-6" A.F.F. UNLESS OTHERWISE NOTED
	GFCI RECEPTACLE, MOUNTED AT 18" O.C. A.F.F. UNLESS OTHERWISE NOTED
	DUPLEX RECEPTACLE, MOUNTED AT 18" O.C. A.F.F. UNLESS OTHERWISE NOTED
	QUADPLEX RECEPTACLES, MOUNTED AT 18" O.C. A.F.F. UNLESS OTHERWISE NOTED.
	VOICE OUTLET, MOUNTED AT 18" O.C. A.F.F. WITH 3/4" CONDUIT TO ABOVE CEILING
	JUNCTION BOX
M	MOTION SENSOR WALL SWITCH
	FLOOR MOUNTED RECEPTACLE
	COMBINATION DISCONNECT AND STARTER
\$	WALL MOUNTED OCCUPANCY SWITCH
	EXHAUST FAN
	PANELBOARD
WP	WEATHERPROOF
ALL SYMBOLS NOT NECESSARILY REFERENCED ON PLAN	



LIGHT FIXTURE SCHEDULE

- A LED HIGH BAY FIXTURE LITHONIA #JEBL-24L 40K 27000L 181W, 4000K, 27000LUM., 120V
- B EIKO #SLM246CB50KU 2'X4' LED
- C SIMILAR TO TYPE B EXCEPT 2'X2'
- COMBO EXIT/ EMERGENCY LIGHT LITHONIA #LHQM LED RHO
- EMERGENCY LIGHT LITHONIA #ELM2 LED
- EM EXTERIOR EMERGENCY LIGHT MOUNTED NEXT TO DOOR AND CONNECTED TO COMBO EXIT/ EMERGENCY FIXTURE LITHONIA #ELMRW SP640L DDBTXD SGL INSTALL ON EXTERIOR IF NONE ARE PRESENTLY INSTALLED ON BUILDING EXTERIOR.

NEW WORK SPECIFICATIONS:

THE INSTALLATION SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES.

FURNISH MATERIALS AND LABOR FOR A COMPLETE ELECTRICAL INSTALLATION AS INDICATED IN THESE DOCUMENTS.

MATERIAL, APPARATUS AND EQUIPMENT SHALL BE NEW AND SHALL BEAR THE UNDERWRITERS LABEL WHEN SUCH LABELS ARE AVAILABLE.

CONDUIT SHALL BE WHERE REQUIRED BY CODE.

CONDUCTORS FOR BRANCH CIRCUITS SHALL BE COPPER TYPE THHN; AND SHALL BE STRANDED. BRANCH CIRCUIT CONDUCTORS SHALL BE #12 SIZE AS SHOWN. CONDUCTORS SHALL BE COLOR CODED IN ACCORDANCE WITH ELECTRICAL CODE REQUIREMENTS.

PROVIDE OUTLET BOX FOR EACH LIGHTING FIXTURE, WIRING DEVICE OR JUNCTION POINT. BOXES SHALL BE SUFFICIENT CAPACITY FOR THE NUMBER OF CONDUCTORS AND SPLICES IN THE BOX IN ACCORDANCE WITH THE ELECTRICAL CODE.

DEVICES SHALL BE INSTALLED ON OUTLETS FOR ALL SWITCHES, RECEPTACLES, ETC. AND SHALL BE SELECTED BY OWNER. WHERE MORE THAN ONE SWITCH IS INDICATED IN THE SAME LOCATION, SWITCHES SHALL BE GANGED UNDER A COMMON PLATE.

LIGHTING FIXTURES SHALL BE AS SCHEDULED, COMPLETE WITH LAMPS. VERIFY WITH OWNER

CHASE AND PATCH WALLS AS REQUIRED TO FACILITATE INSTALLATION OF FLUSH BOXES AND CONCEALED CIRCUITS.

DISCONNECT SWITCHES SHALL BE STANDARD DUTY, FUSIBLE WHERE NOTED.

TENANT INFILL FOR

JOHNSON LOGISTICS LLC

AT
2736 NE McBAINE DRIVE LEE'S SUMMIT MISSOURI

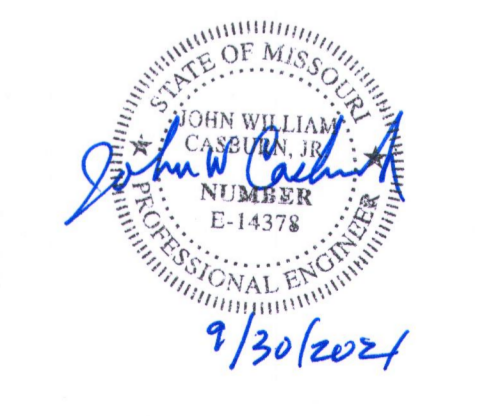
DATE: 9/21/2020

REVISIONS:

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SBC
ARCHITECTURAL SERVICES
Robert J. Shirk Jr. - Principal / Project Mgr.

3009 ELMIRA CT. INDEPENDENCE, MISSOURI 64057 (816) 797-7115



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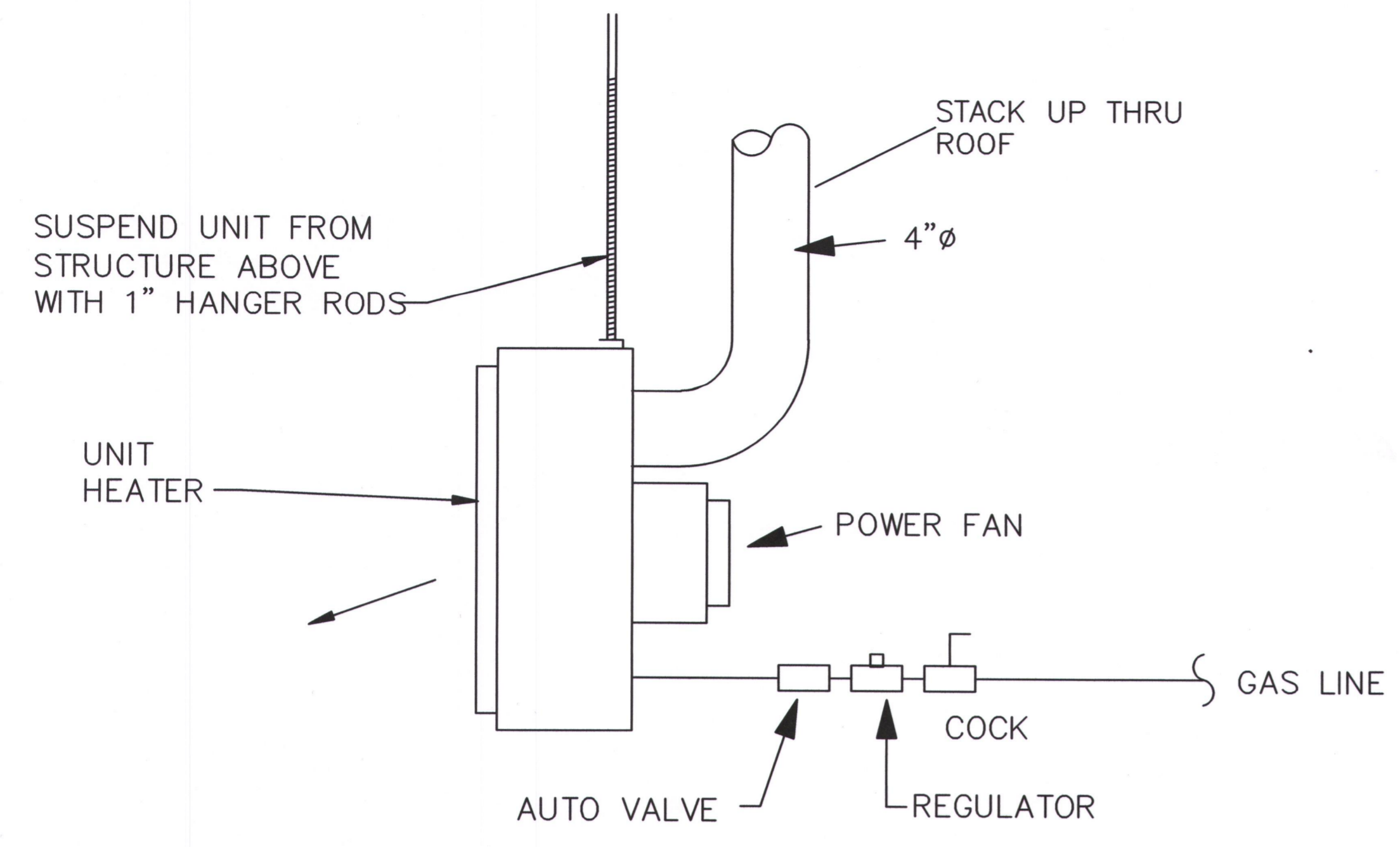


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SHEET NO.
E102

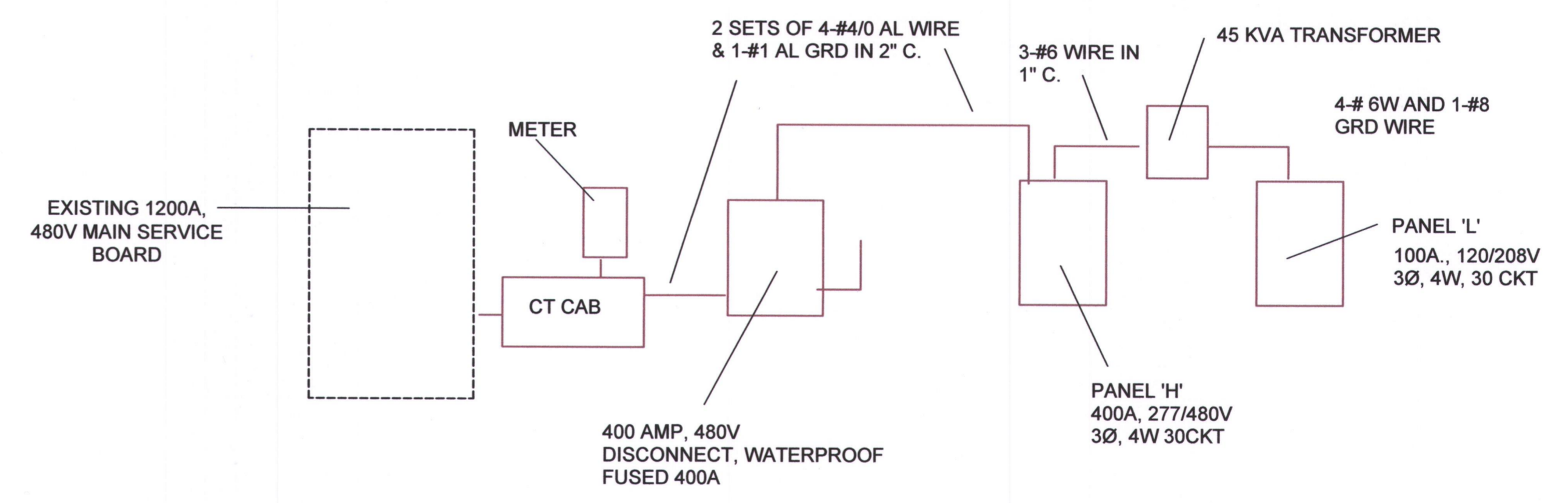


UNIT HEATER DETAIL

NO SCALE
UNIT HEATER SHALL BE 200,000 CFH

PANEL L MOUNTING SURFACE BUS 100A MAIN 100 A CB TYPE BOLT-IN						
LOCATION WAREHOUSE VOLT 120/208V 3 Ø 4 WIRE						
CKT. NO.	DESCRIPTION	BKR.	CKT. V.A.	CKT. V.A.	BKR.	DESCRIPTION
1	LIGHTING	20	600	1000	20	UNIT HEATER
3	RECEPTS	20	1000	1000	20	UNIT HEATER
5	RECEPTS	20	1000	1000	20	UNIT HEATER
7	WATER HEATER	20	800	1000	20	UNIT HEATER
9	FURNACE	20	1000	1000	20	UNIT HEATER
11	COND UNIT	25	3300	-	20	SPARE
13		-	-	-	20	SPARE
15	SPARE	20	-	-	20	SPARE
17	SPARE	20	-	-	20	SPARE
19	SPARE	20	-	-	20	SPARE
21	SPARE	20	-	-	20	SPARE
23	SPARE	20	-	-	20	SPARE
25	SPACE	-	-	-	-	SPACE
27	SPACE	-	-	-	-	SPACE
29	SPACE	-	-	-	-	SPACE
			4,900	TOTAL VOLT AMPS		14 AMPS

PANEL H MOUNTING SURFACE BUS 100A MAIN MLO TYPE BOLT-IN						
LOCATION WAREHOUSE VOLT 277/480V 3 Ø 4 WIRE						
CKT. NO.	DESCRIPTION	BKR.	CKT. V.A.	CKT. V.A.	BKR.	DESCRIPTION
1	LIGHTING	20	1500	4,900	60/3	PANEL-L
3	LIGHTING	20	1500	-	-	-
5	SPARE	20	-	-	-	-
7	SPARE	20	-	-	20	SPARE
9	SPARE	20	-	-	20	SPARE
11	SPARE	20	-	-	20	SPARE
13	SPARE	20	-	-	20	SPARE
15	SPARE	20	-	-	20	SPARE
17	SPARE	20	-	-	20	SPARE
19	SPARE	20	-	-	20	SPARE
21	SPARE	20	-	-	20	SPARE
23	SPARE	20	-	-	20	SPARE
25	SPACE	-	-	-	-	SPACE
27	SPACE	-	-	-	-	SPACE
29	SPACE	-	-	-	-	SPACE
			19,400	TOTAL VOLT AMPS		54 AMPS



ELECTRICAL RISER DIAGRAM