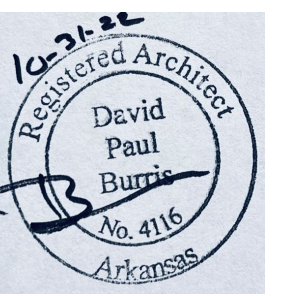


DOMINOS BRYANT

3415 W. HWY 5
BRYANT, AR

GENERAL NOTES:

- CONTRACTOR IS TO INSPECT EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO, UNDERGROUND WATER MAINS, SEWER, TELEPHONE, AND ELECTRIC. WORK HERE UNDER ARE INDICATED ON DRAWINGS FOR DIAGRAMMATIC PURPOSES. NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION. RESPONSIBILITY FOR SUCH ACCURACY AND COMPLETENESS IS DISCLAIMED. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR LOCATING UNDERGROUND INSTALLATIONS PRIOR TO EXCAVATING.
- ALL DIMENSIONS ARE FROM FACE OF STUD, FACE OF CONC. OR CENTER LINE UNLESS NOTED OTHERWISE. DRAWINGS ARE NOT TO BE SCALED. DIMENSIONS SHALL BE IN WRITTEN INFORMATION ONLY. VERIFY DIMENSIONS PRIOR TO WORK. ALTERATIONS IN DIMENSIONS AFFECTING THE DESIGN SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PROMPTLY FOR A RESOLUTION.
- NOT ALL MATERIALS AND ASSEMBLIES HAVE BEEN SPECIFIED. CONTRACTOR IS TO VERIFY ALL NON-SPECIFIED ITEMS WITH OWNER & ARCHITECT PRIOR TO EXECUTING ANY WORK INVOLVING THESE ITEMS.
- IT IS THE CONTRACTORS RESPONSIBILITY TO SUBMIT SUBSTITUTIONS OR DEVIATIONS FROM THE CONTRACT DOCUMENTS TO THE ARCHITECT FOR APPROVAL. NON-APPROVED DEVIATIONS WILL HOLD THE ARCHITECTS AND CONSULTING ENGINEERS HARMLESS FOR SUCH ITEMS.
- ALL WORK TO CONFORM TO APPLICABLE CODES. THE MOST STRINGENT CODE SHALL APPLY. DISCREPANCIES IN CODE AND CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION IMMEDIATELY AND RESOLVED BEFORE PROCEEDING.
- ALL MATERIALS ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND AS SUCH ALL SUBCONTRACTORS ARE TO INSURE THAT ALL MANUFACTURER'S WARRANTIES WILL BE HONORED.
- ALL SUBCONTRACTORS ARE RESPONSIBLE FOR INSURING THEIR SAFETY AND OF THEIR PERSONNEL ON THE JOB SITE AT ALL TIMES. THEY SHALL CARRY WORKMAN'S COMPENSATION AND LIABILITY INSURANCE FOR THEMSELVES AND THEIR EMPLOYEES. SUBCONTRACTORS AND THEIR EMPLOYEES SHALL BE PERSONALLY RESPONSIBLE TO FOLLOW ALL OSHA RULES AND REGULATIONS.
- GENERAL CONTRACTOR IS TO COORDINATE ALL MECH. ELECT. AND PLUMBING AND PROVIDE NECESSARY CONSTRUCTION TO FACILITATE SUCH WORK INCLUDING SUPPORTS, BLOCKING, ROUGH OPENING ETC.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO REVIEW ARCHITECTURAL DRAWINGS BEFORE INSTALLATION OF MECH. ELECT OR SYSTEMS INSTALLATION, AND SHALL NOTIFY ARCHITECT IMMEDIATELY FOR ANY DISCREPANCIES. ANY WORK INSTALLED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT NO EXPENSE TO THE OWNER OR ARCHITECT.
- ALL DRAWINGS, SPECIFICATIONS AND DESIGN OF THE FOLLOWING SYSTEMS ARE TO BE PROVIDED BY OTHERS AS REQUIRED. OWNER SHALL CONTRACT WITH OTHERS UNDER SEPARATE CONTRACTS.
A. CIVIL ENGINEERING B. MECHANICAL ENGINEERING C. ELECTRICAL ENGINEERING

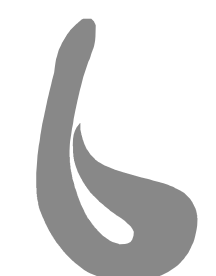


Burris Architecture
820 Tiger Blvd, Suite 4, Bentonville, Ar 72712
479-319-6045

SHEET INDEX

#	SHEET NAME	ISSUE DATE	Current Revision Description	REVISION
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A1.1	FIRST FLOOR REFLECTED CEILING PLAN	10-31-22		
A1.2	EQUIPMENT PLAN	10-31-22		
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A1.4	DETAILS	10-31-22		
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M2.1	MECHANICAL AXONOMETRIC PLAN	10-31-22		
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E3.2	ELECTRICAL SPECIFICATIONS	10-31-22		
E3.3	ELECTRICAL SPECIFICATIONS	10-31-22		

PROJECT TEAM

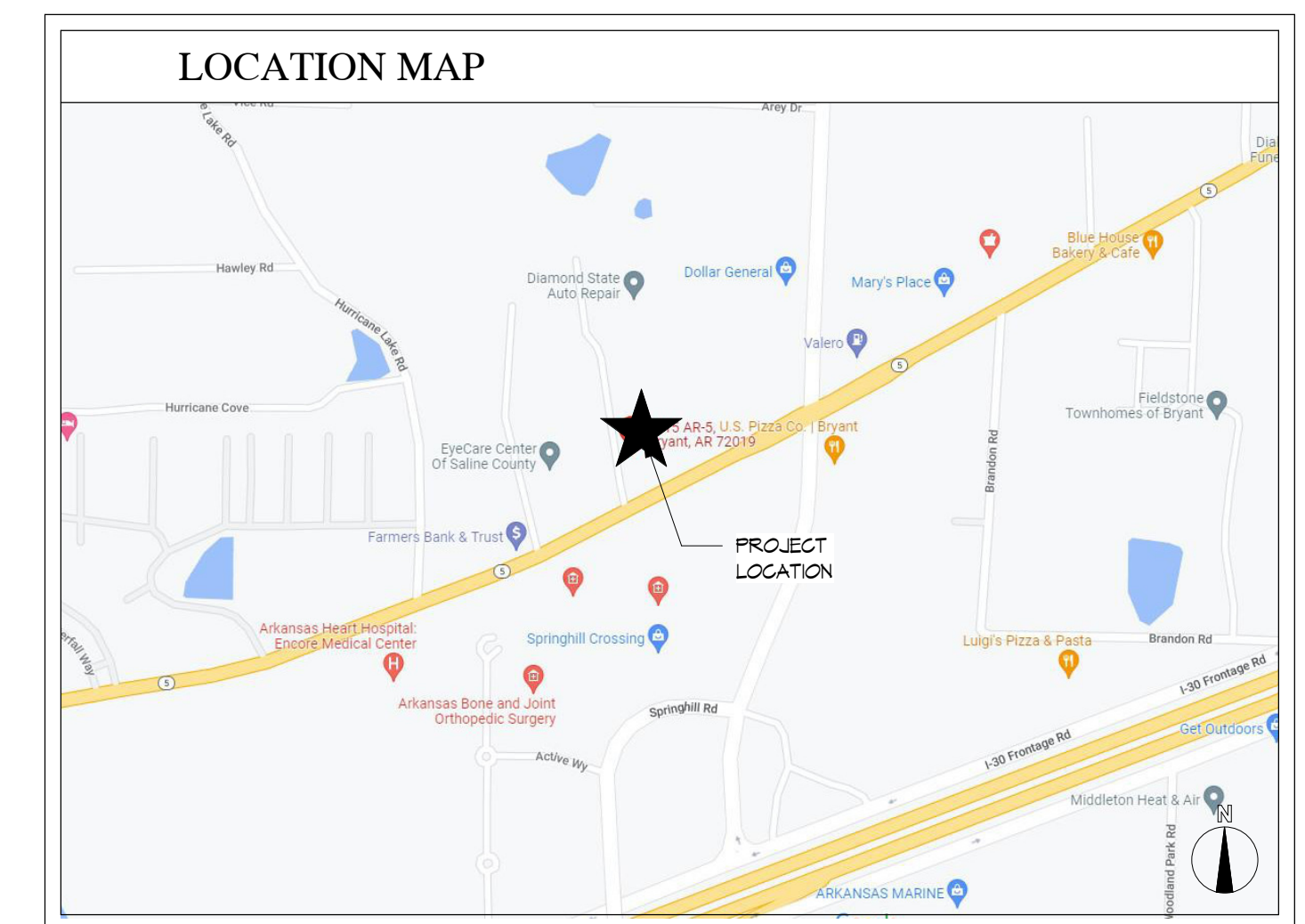


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MEP

HP ENGINEERING
5214 N. VILLAGE PKWY
SUITE 120
ROGERS, AR 72750
(479) 699-6910

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATION HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS.



DOMINOS BRYANT
3415 W. HWY 5
BRYANT, AR

DATE: 10-31-22
JOB NO.: 22151
REVISIONS:

A0.0
COVER SHEET

THIS DRAWING IS THE PROPERTY OF BURRIS ARCHITECTURE. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF BURRIS ARCHITECTURE. ALL DRAWINGS, SPECIFICATIONS, AND SCHEDULES ARE TO BE PROVIDED BY OTHERS AS REQUIRED. OWNER SHALL CONTRACT WITH OTHERS UNDER SEPARATE CONTRACTS. THE ARCHITECT ASSUMES NO LIABILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED BY OTHERS. THE ARCHITECT'S RESPONSIBILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT AS SHOWN ON THESE PLANS. THE ARCHITECT IS NOT RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF ANY OTHER WORK NOT SHOWN ON THESE PLANS.

THIS DRAWING IS PROVIDED AS AN INSTRUMENT OF SERVICE BY THE ARCHITECT AND SHALL BE THE PROPERTY OF THE ARCHITECT AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT. THE ARCHITECT'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED BY THE ARCHITECT AND DOES NOT INCLUDE THE DESIGN OR CONSTRUCTION OF THE PROJECT OR THE PERFORMANCE OF THE PROJECT. THE ARCHITECT IS NOT RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF THE PROJECT OR THE PERFORMANCE OF THE PROJECT.

CODE SUMMARY

APPLICABLE CODES:
INCLUDED BUT NOT LIMITED TO, THE LATEST ADOPTED ADDITIONS OF THESE CODES AS AMENDED BY THE CITY OF BRYANT AND THE STATE OF ARKANSAS

2007 Arkansas Fire Prevention Code
2006 Arkansas State Plumbing Code
2006 Arkansas State Gas and Fuel Code
2008 National Electric Code

THIS PROJECT IS A REMODEL TO AN EXISTING BUILDING.
THE BUILDING IS NOT SPRINKLERED.

REMODELED TENANT DATA:
PROPOSED USE: TAKE-OUT RESTAURANT
OCCUPANCY TYPE: BUSINESS

CONSTRUCTION TYPE: 9B
ALLOWABLE AREA: 11,500 SF
ALLOWABLE HT./STORIES: 95' AND 3 STORY

ACTUAL AREA: 1,855 SF
ACTUAL HT./STORIES: 22' AND 1 STORY
OCCUPANCY - SEE CODE DIAGRAM

LEGEND

FE = RECESSED FIRE EXTINGUISHER CABINET

ROOM OCCUPANT LOAD PER TABLE - 1009.23

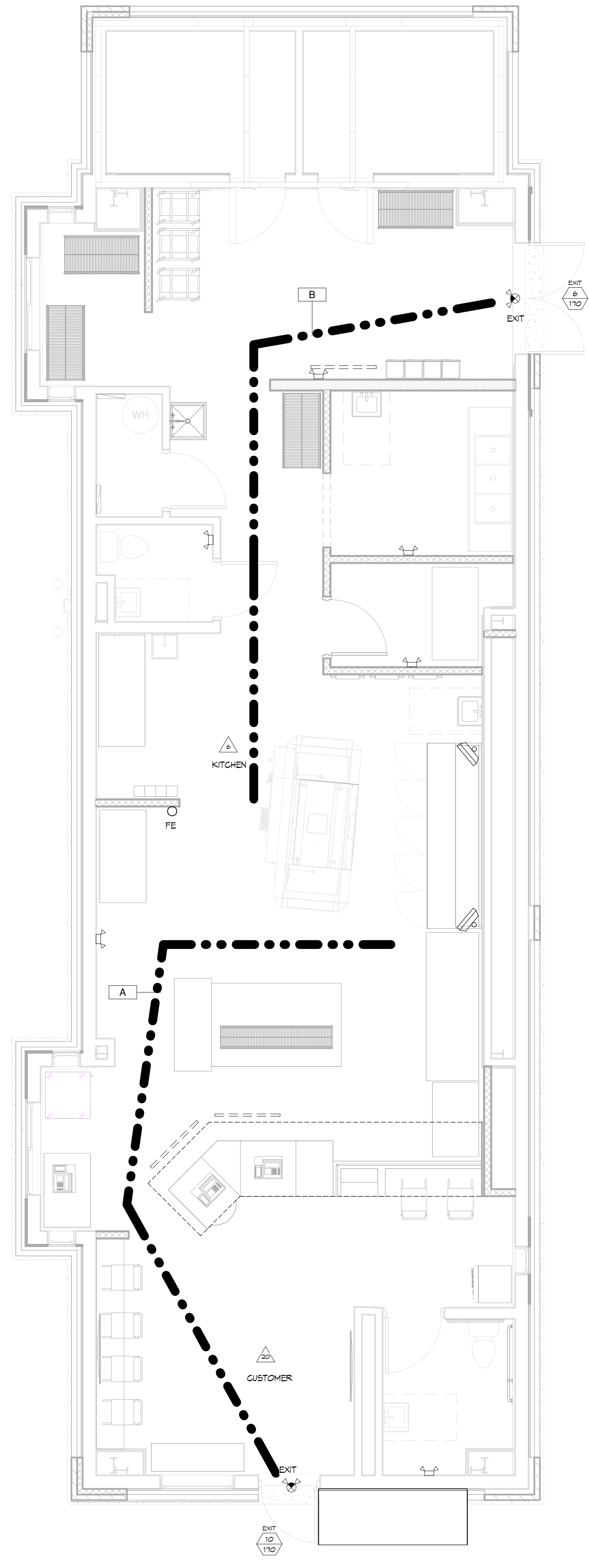
DOOR EGRESS:
OCCUPANTS ACTUAL
OCCUPANTS ALLOWABLE

LIGHTING LEGEND

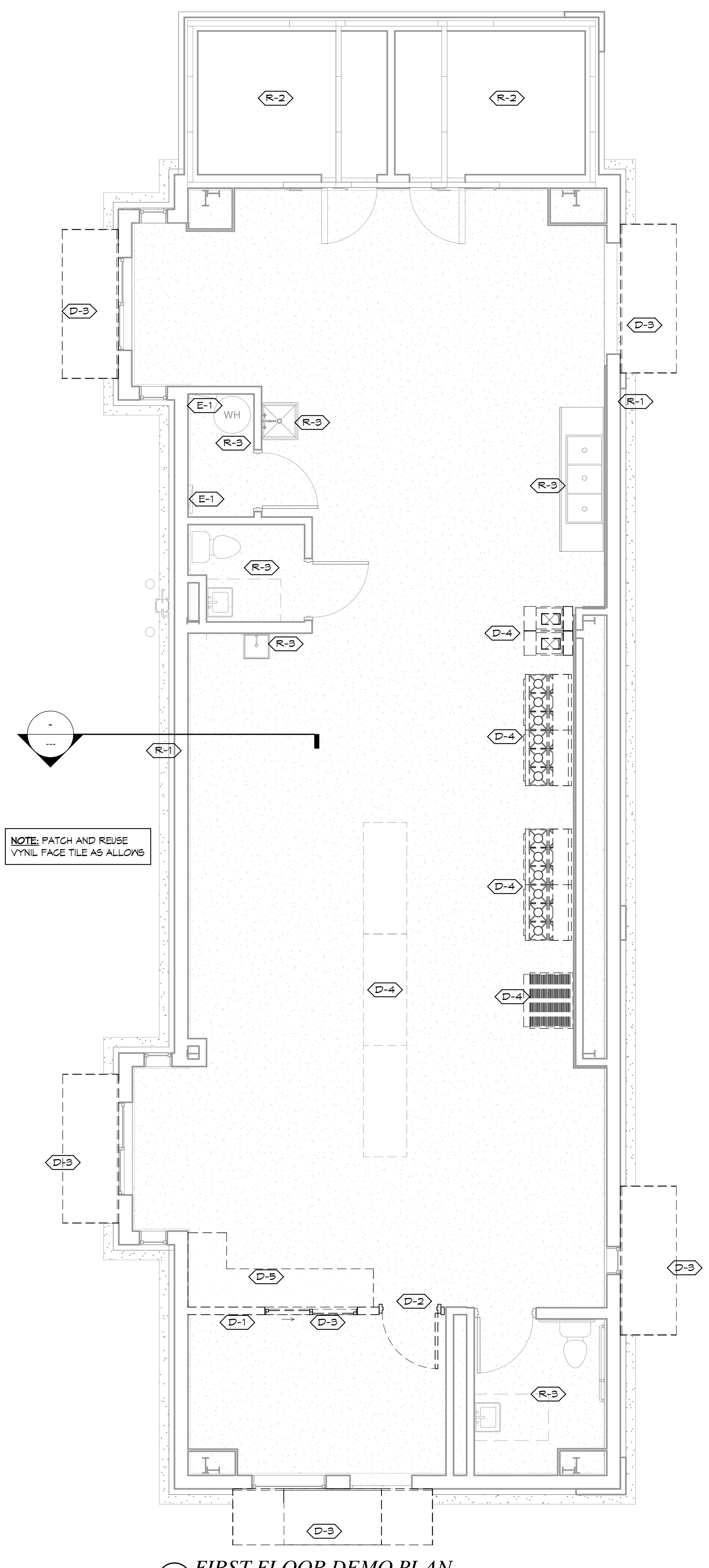
MK.	LAMP	DESCRIPTION	NOTES
EM1	INCLUDED	EMERGENCY LIGHT	
EX1		EXIT / EMERGENCY LIGHT WITH REMOTE HEAD	

EGRESS DISTANCES

Exit Path	Exit Path Distance
A	43' - 0"
B	37' - 6"



2 FIRST FLOOR LIFE SAFETY PLAN
1/4" = 1'-0"



1 FIRST FLOOR DEMO PLAN
1/4" = 1'-0"

GENERAL DEMO NOTES

- NOT ALL DEMOLITION IS DETAILED ON THIS SHEET. COORDINATE W/ ARCHITECT AND CONTACT UPON DISCOVERY OF EXISTING FEATURES NEEDING REMOVAL PRIOR TO BUILD BACK.
- CUT AND PATCH WITH CARE TO AVOID DAMAGE TO WORK, SAFETY HAZARDS, VIOLATION OF WARRANTY REQUIREMENTS, BUILDING CODE VIOLATIONS, OR MAINTENANCE PROBLEMS.
- SUB-CONTRACTORS TO INSPECT FIELD CONDITIONS TO IDENTIFY ALL WORK REQUIRED.
- COORDINATE REMOVAL OF ITEMS WITH BUILD BACK PLAN FOR ALL DIMENSIONS AND LAYOUTS.
- GC TO INSPECT ROOF, AND GAP FLASHING, AND TO MAKE REPAIRS AS REQD. PROVIDE WRITTEN DESCRIPTION OF WORK TO OWNER PRIOR TO COMMENCING THE REPAIRS.
- GC TO REMOVE ALL GRAVITY ROOF EXHAUST, PATCH ROOF, & PREPARE FOR NEW INSULATION.

DEMO KEYNOTES

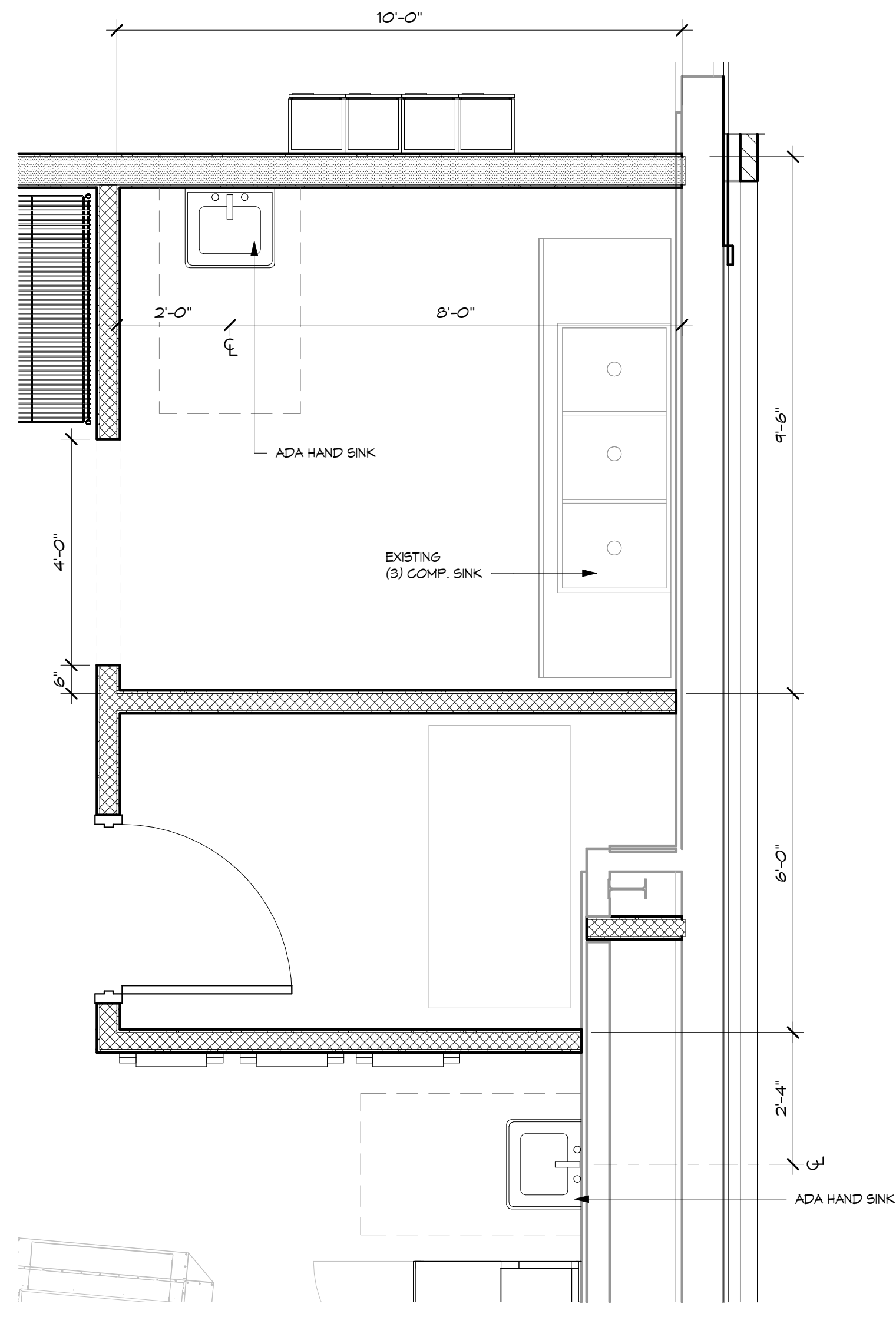
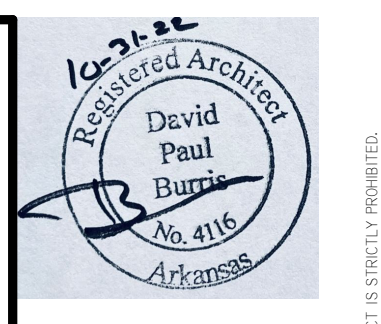
R-1 EXISTING BUILDING SHELL
R-2 EXISTING COOLER TO REMAIN
R-3 EXISTING PLUMBING TO REMAIN

D-1 DEMO PORTION OF EXISTING WALL AS REQUIRED
D-2 REMOVE EXISTING DOOR
D-3 EXISTING CANOPY TO BE RECOVERED OR REPLACED W/ NEW DOMINOS RED
D-4 REMOVE EXISTING EQUIPMENT, CAP AS REQUIRED
D-5 REMOVE EXISTING CASEWORK

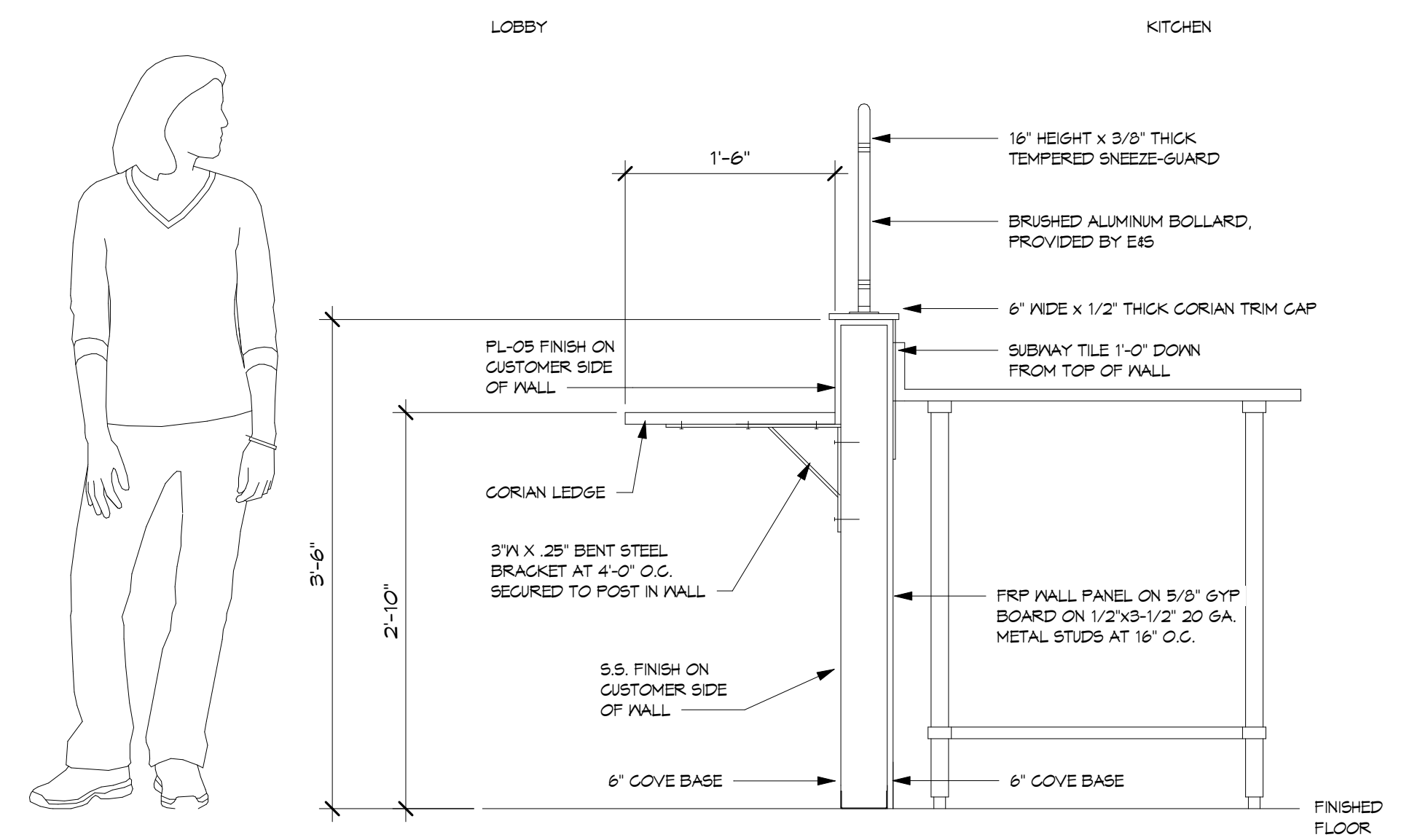
E-1 EXISTING POWER/ DATA TO REMAIN

LEGEND

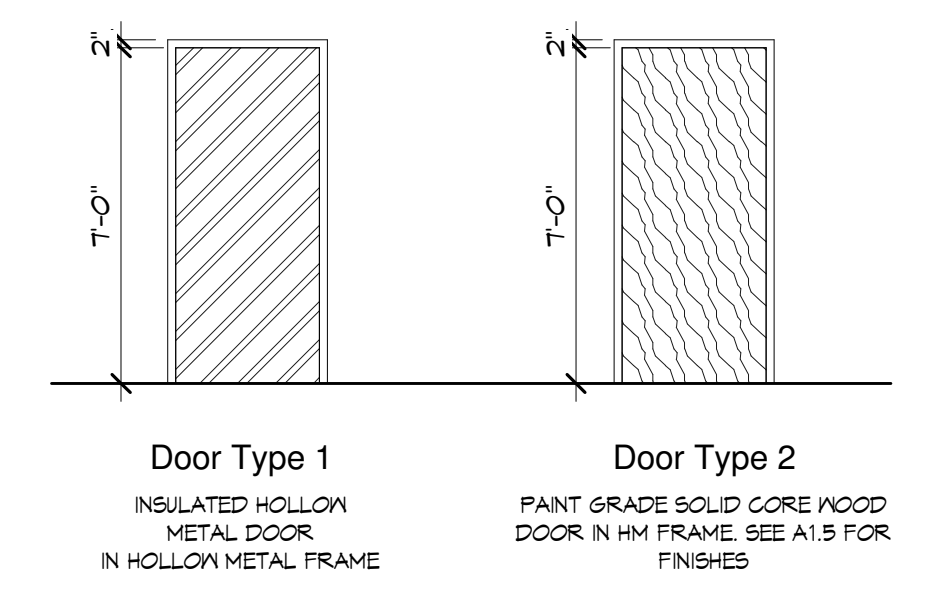
EXISTING TO REMAIN
TO BE MOVED OR RELOCATED



2 ENLARGED PLUMBING PLAN
1/2" = 1'-0"



3 PARTITION WALL WITH COUNTER 1
1" = 1'-0"



5 DOOR ELEVATIONS 1
1/4" = 1'-0"

LOCK SETS:

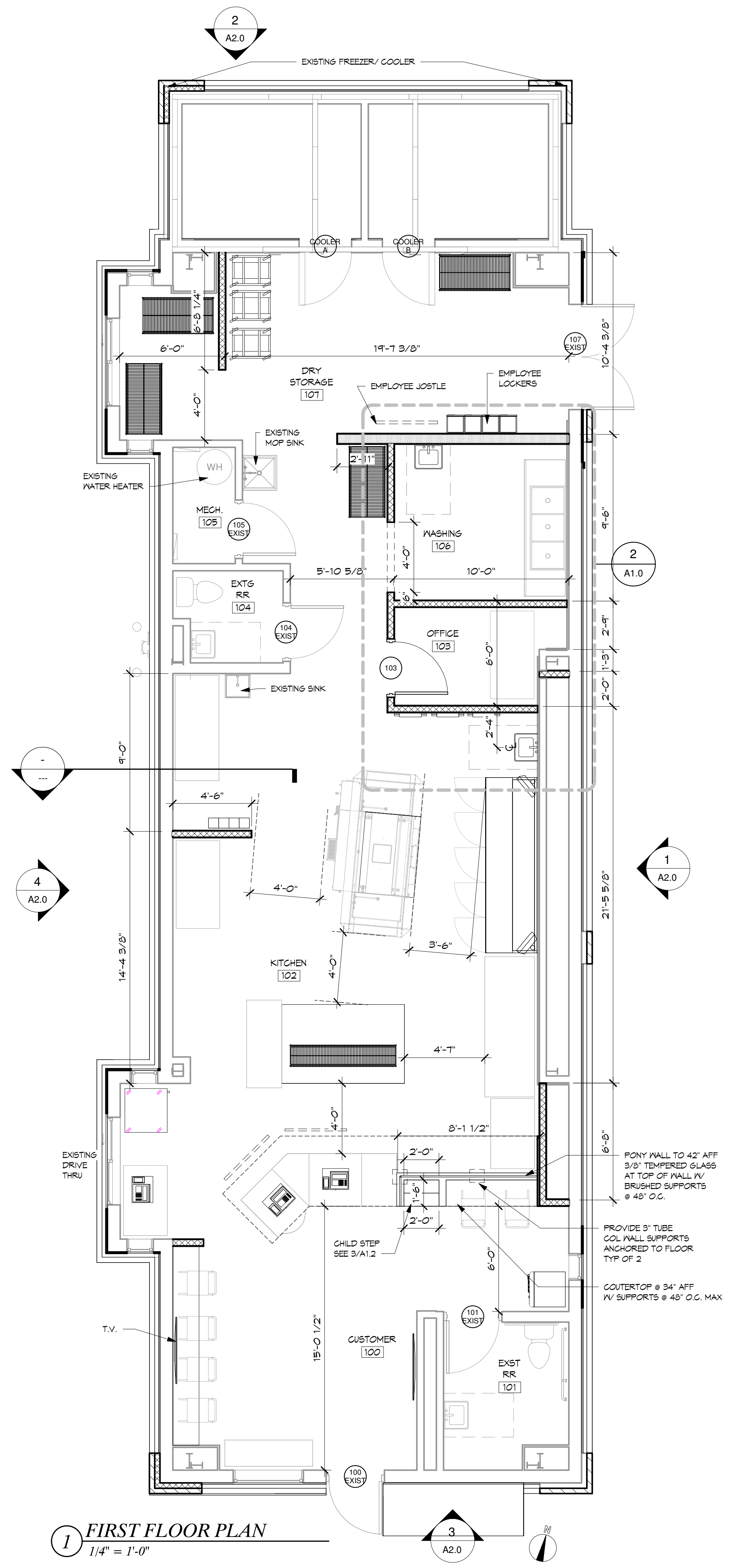
- SET 1 - KEYED, PUSH PAD EXIT DEVICE, CLOSER, HG ALUM. THRESHOLD
- SET 2 - KEYED
- SET 3 - PRIVACY
- SET 4 - PASSAGE
- SET 5 - OHD HARDWARE PROVIDED BY OHD MANUFACTURER
- SET 6 - KEYED, PUSH PAD EXIT DEVICE, 1 LEAF, TOP & BOTTOM INSET BOLT W/ NO HARDWARE 2ND LEAF, CLOSER.
- SET 7 - KEYED, DEADBOLT

NOTES:

- ALL HARDWARE TO BE LEVER ACTION W/ A BRUSHED CHROME FINISH -
- ALL CLOSERS TO MEET ADA REQUIREMENTS
- ALL ALUM. DOOR FRAMES ARE TO BE ANODIZED ALUM. FINISH

NOTE: COMPLETE ALL HARDWARE WITH NECESSARY HARDWARE INCLUDING HINGES AND DOOR STOPS

Door Schedule								
MARK	DOOR	DOOR WIDTH	DOOR HEIGHT	ELEVATION	FRAME TYPE	DOOR TYPE	HARDWARE SET	NOTES
100	EXIST	3'-0"	7'-0"					
101	EXIST	3'-0"	7'-0"					
103		3'-0"	7'-0"					
104	EXIST	3'-0"	7'-0"					
105	EXIST	3'-0"	7'-0"					
107	EXIST	6'-0"	7'-0"					
COOLER A		3'-0"	7'-0"					
COOLER B		3'-0"	7'-0"					



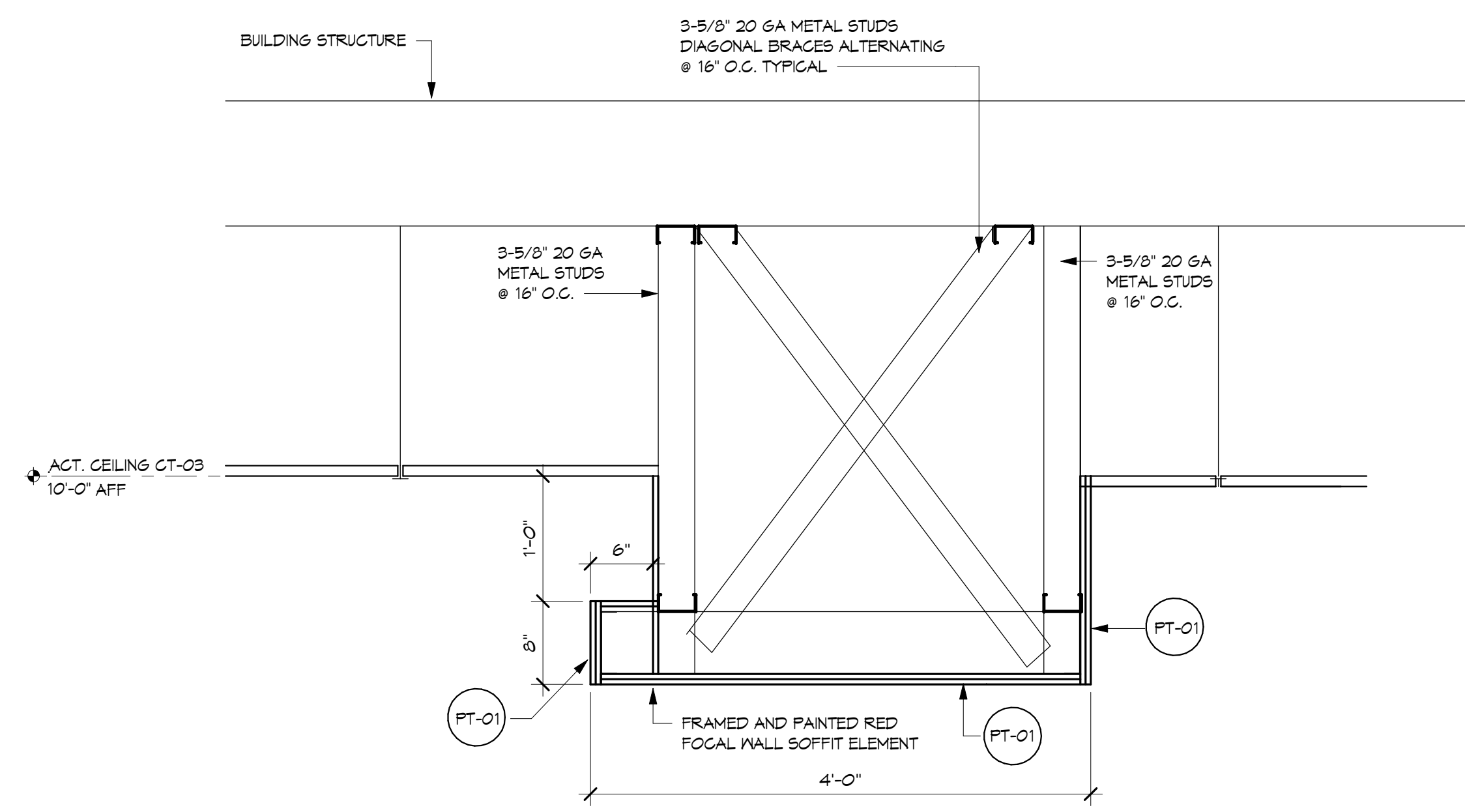
1 FIRST FLOOR PLAN
1/4" = 1'-0"

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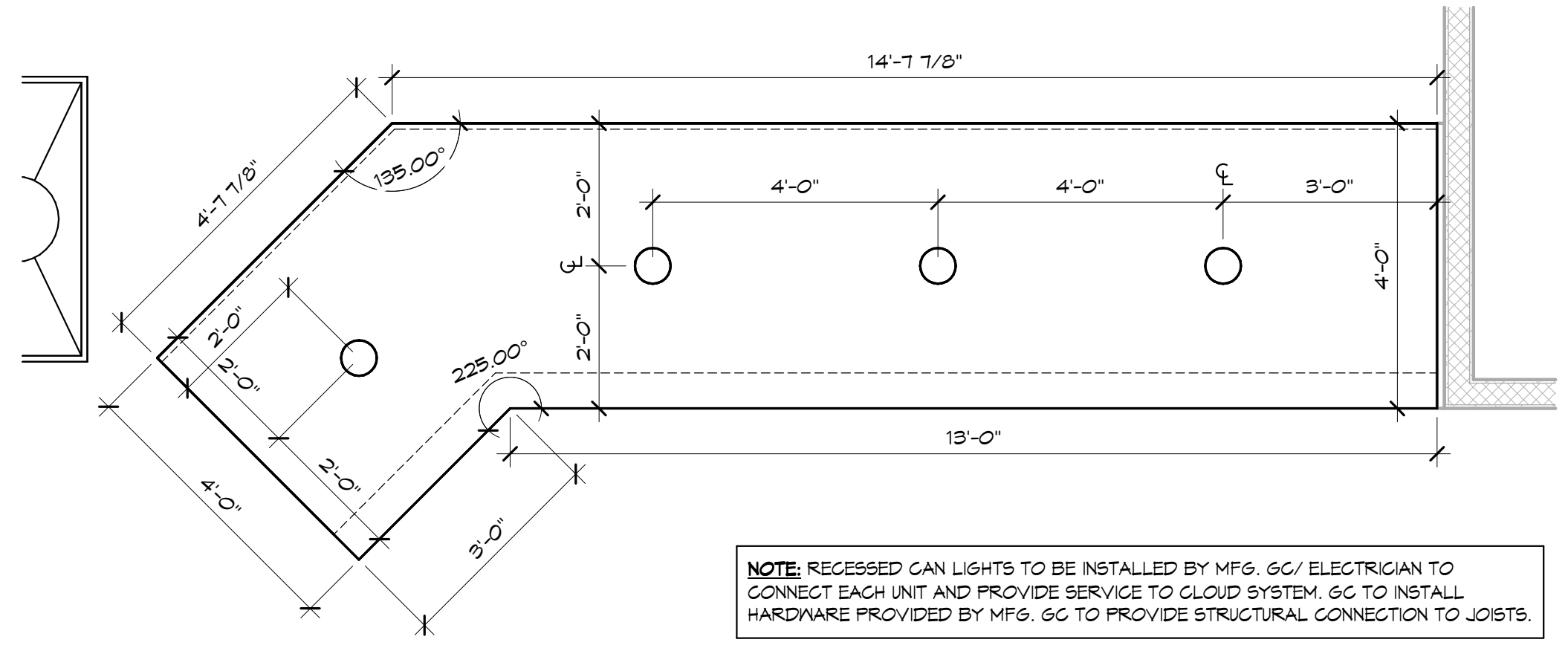
A1.0
FIRST FLOOR PLAN



3 SOFFIT DETAIL
1" = 1'-0"

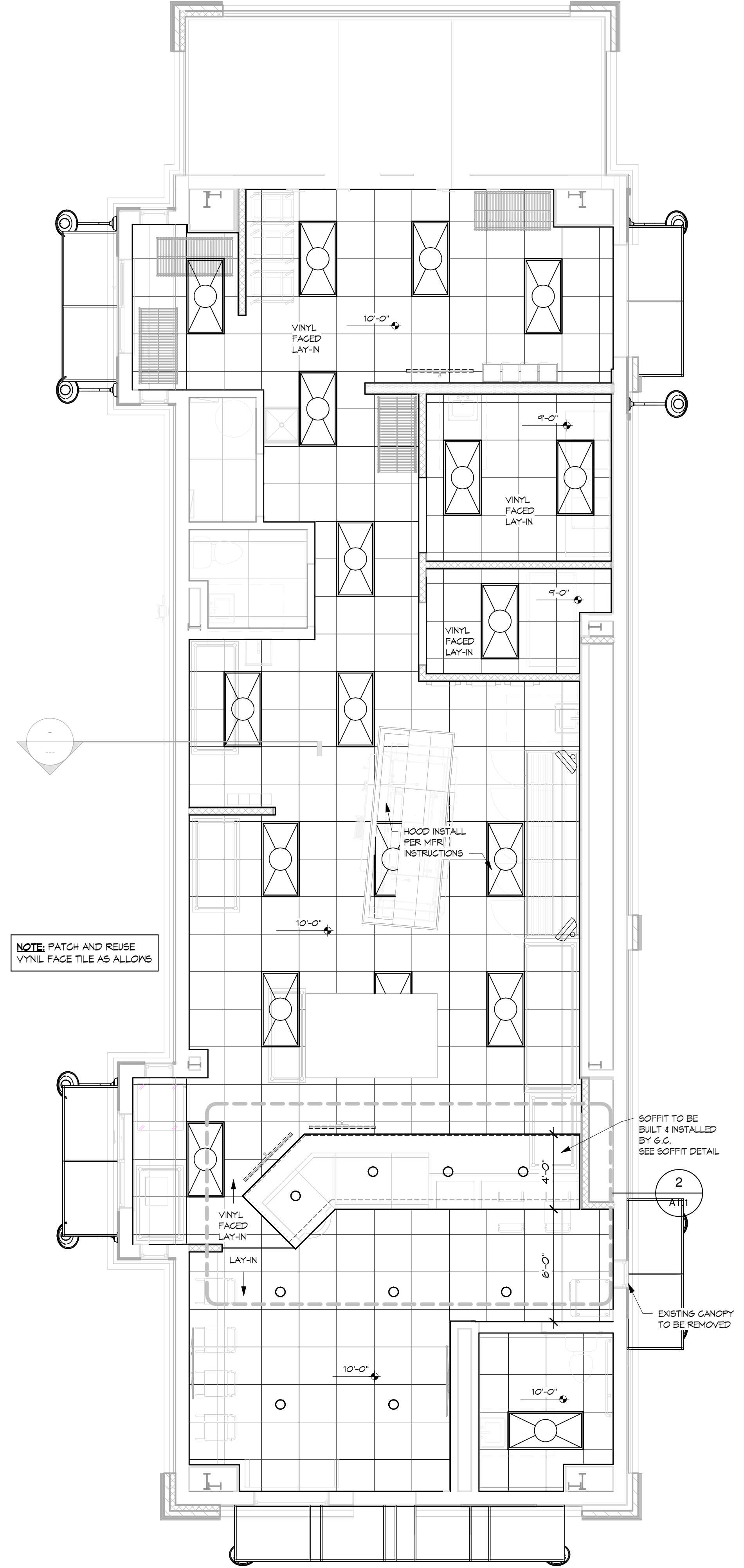
CEILING LEGEND

	2 X 2 LAY-IN CEILING
	2 X 4 LAY-IN CEILING
	G/VE
	METAL SOFFIT



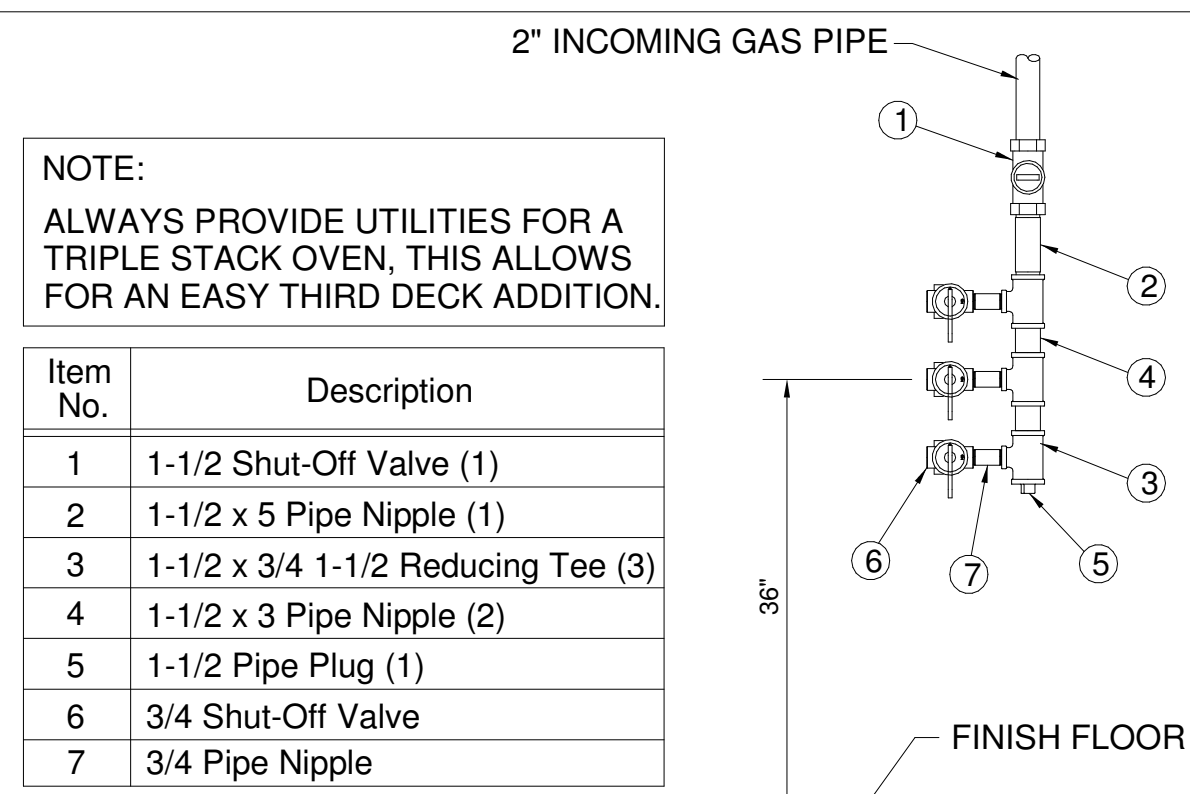
NOTE: RECESSED CAN LIGHTS TO BE INSTALLED BY MFG. GC/ ELECTRICIAN TO CONNECT EACH UNIT AND PROVIDE SERVICE TO CLOUD SYSTEM. GC TO INSTALL HARDWARE PROVIDED BY MFG. GC TO PROVIDE STRUCTURAL CONNECTION TO JOISTS.

2 ENLARGED RED SOFFIT PLAN
1/2" = 1'-0"



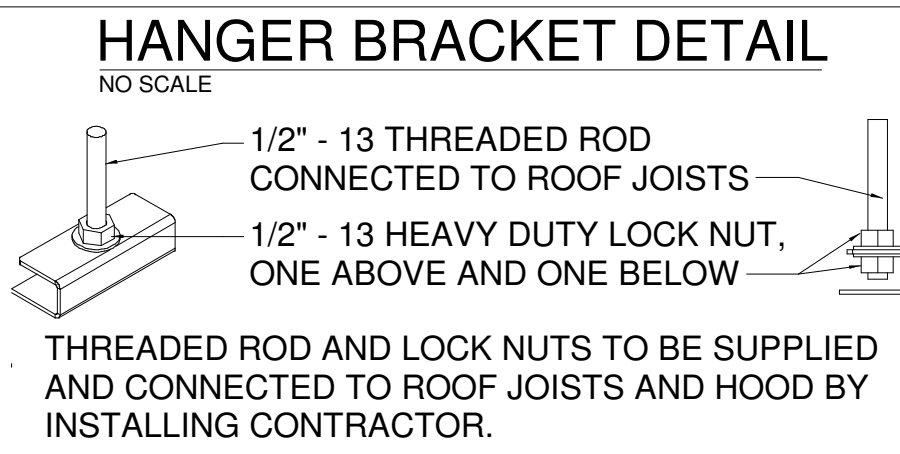
NOTE: PATCH AND REUSE VINYL FACE TILE AS ALLOWS

1 FIRST FLOOR RCP
1/4" = 1'-0"



BOFI #XLT 3270-TS: 3 DECK NATURAL GAS 480,000 BTUH (160,000 BTUH EACH), 8 - 14 INCHES WATER COLUMN, 6 AMPS SINGLE PHASE EACH DECK.
OR 3 DECK L.P. GAS 480,000 BTUH (160,000 BTUH EACH), 11.5 - 14 INCHES WATER COLUMN, 6 AMPS SINGLE PHASE EACH DECK.

GAS OVEN UTILITY DETAIL FOR BOFI GAS OVENS N.T.S.



HOOD DESIGN, ENGINEERED AND MANUFACTURED BY: BOFI
1355 S. ANNA STREET WICHITA, KS 67209 PH.: 316-943-2751 FAX: 316-943-2769 E.T.L. LISTED

OVEN DESIGN, ENGINEERED AND MANUFACTURED BY: BOFI
1355 S. ANNA STREET WICHITA, KS 67209 PH.: 316-943-2751 FAX: 316-943-2769 E.T.L. LISTED

EXHAUST INFORMATION

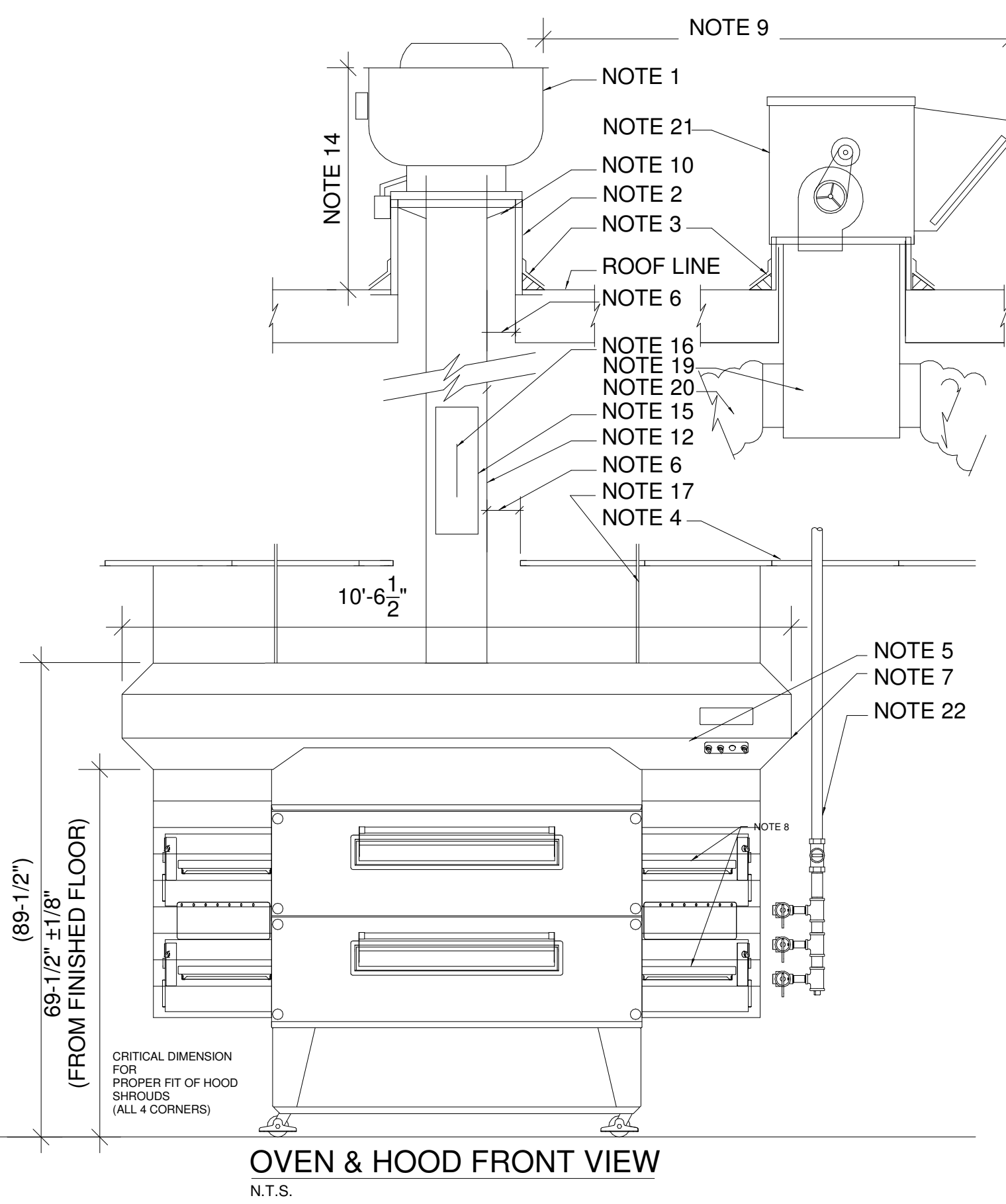
OVEN TYPE	DESIGN CFM	LISTING MIN CFM
SINGLE DECK OVEN	500	402
DOUBLE DECK OVEN	900	828
TRIPLE DECK OVEN	1400	1254

HOOD GENERAL NOTES

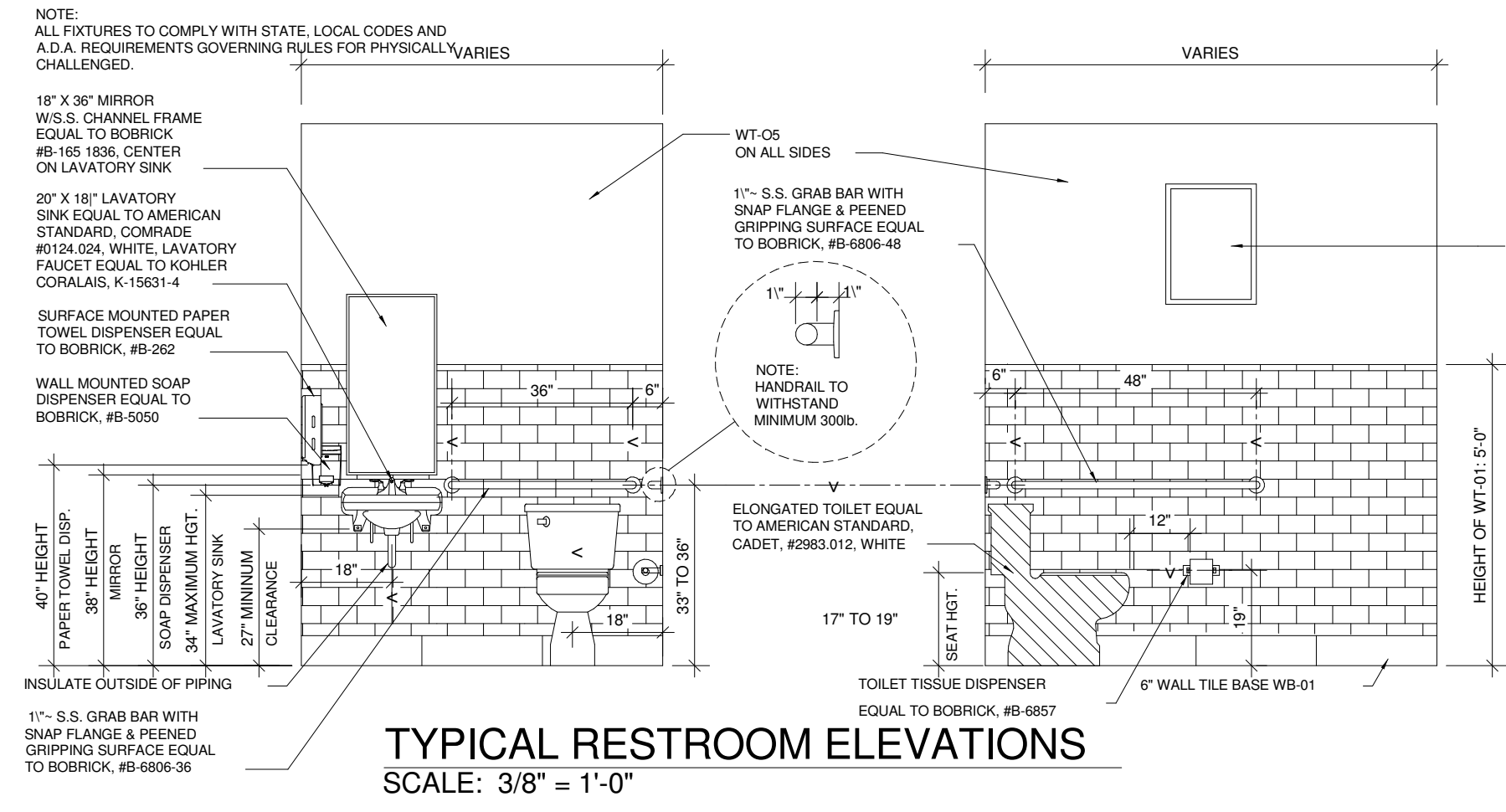
- ROOF EXHAUST FAN RATED AT 900 CFM @ .80 S.P. FOR 2 DECK OVEN.
- ROOF EXH. FAN ROOF CURB
- FLASHING & COUNTERFLASHING, MINIMUM 26 GA. GALV.
- T-BAR SUSPENDED CEILING WITH FIRE RATED TILE, US. GYPSUM VINYL STIPPLE SHELL.
- (1) 12" HIGH X 16" WIDE & (1) 12" HIGH X 20" WIDE ALUM. REMOVABLE GREASE FILTERS, PAIR FOR EACH EXH. OPENING.
- 6" MIN. CLEARANCE FROM ANY LIMITED-COMBUSTIBLE MATERIAL.
- HOOD, 18 GA. S.S. CONSTRUCTION. COMPLIES WITH N.F.P.A. 96 STANDARDS, NSF LISTED, E.T.L. LISTED HOOD ASSEMBLY.
- BAKING SURFACES SERVICED BY HOOD.
- EXHAUST FAN TO BE A MINIMUM OF 10'-0" FROM ADJACENT BUILDINGS, PROPERTY LINES OR INTAKE OPENINGS.
- 15 DEGREE MINIMUM INWARD INCLINE AT TOP OF DUCT.
- DIRECTION OF OVEN TRAVEL DETERMINED BY STORE LAYOUT.
- 16 GA. STEEL CONTINUOUS WELD DUCT.
- MECHANICAL EQUIPMENT ON ROOF SHALL BE FIXED IN POSITION AND ANCHORED AS PER MANUFACTURERS SPECIFICATIONS.
- 40" MINIMUM DISTANCE FROM ROOF LINE TO DISCHARGE POINT OF FAN.
- 8" X 24" CLEAN-OUT AS REQUIRED BY N.F.P.A., DO NOT OBSTRUCT.
- BAFFLE LOCATED AT CENTER OF 11.5" X 11.5" DUCT OPENING.
- ROD HANGERS, EACH CORNER OF HOOD. CONTRACTOR TO SUPPLY ROD IN FIELD TO SUPPORT 1500 LBS EACH ROD.
- EXHAUST FAN AND MAKE-UP AIR FAN TO BE ELECTRICALLY INTERLOCKED.
- 12" X 12" 18 GA. GALVANIZED DUCT.
- 10" DIAMETER DUCT CONNECTED TO 10" DIAMETER GALVANIZED COLLAR FOR MAKE-UP AIR.
- FILTERED MAKE-UP AIR UNIT & ROOF CURB, SEE EQUIPMENT SCHEDULE FOR UNIT SPECIFIED.
- 2" GAS LINE FOR SUPPLYING GAS OVENS.
- PROVIDE ROOF EDGE 42" HIGH GUARD RAIL WHERE HVAC OR MAKE-UP AIR UNIT IS 10' OR CLOSER TO ROOF EDGE.

NOTES:
DETAIL OF DUCTWORK FOR SUGGESTION ONLY. ACTUAL DUCT BY INSTALLER, MUST MEET ALL LOCAL CODE REQUIREMENTS.
EXHAUST FAN AND DUCTWORK SHOULD BE PLACED DIRECTLY OVER OVEN HOOD WITH AS FEW AS POSSIBLE BENDS FROM HOOD TO ROOF.

OVEN, HOOD, AND EXHAUST INFORMATION (BOFI 3270 OVEN - AVI HOOD)



OVEN & HOOD FRONT VIEW N.T.S.

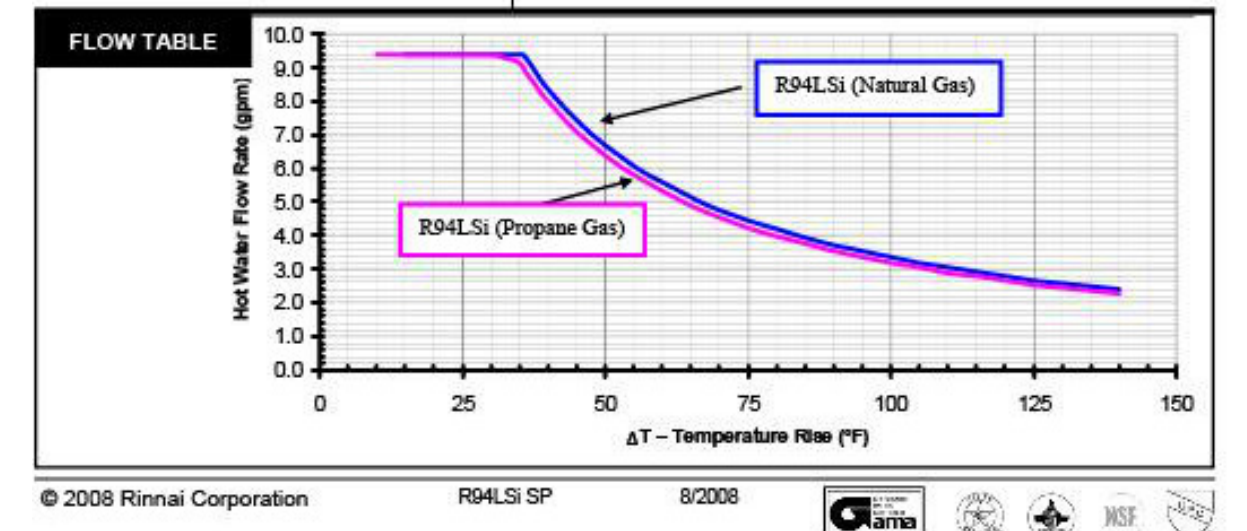


TYPICAL RESTROOM ELEVATIONS SCALE: 3/8" = 1'-0"

Rinnai

R94LSi (VA2535FFUD)

Type of Appliance	Temperature controlled, continuous flow, gas hot water system
Rinnai Model Number	RELI-VA2535FFUD-LIC
Operation / Exhaust System	Forced combustion / Direct vent
Minimum/Maximum Gas Rate (Input)	15,000 - 190,000 BTU/h (Natural Gas) 15,000 - 190,000 BTU/h (Propane)
Electrical	Appliance: AC 120 Volts - 60 Hz Controller: DC 12 Volts
Electrical Consumption	Normal: 70 watts Standby: 2.0 watts Anti-frost protection: 100 watts
Ignition System	Direct electronic ignition
Hot Water Capacity	0.6 to 9.4 GPM (35° F rise)
Temperature	98° - 120° F (factory default) Maximum temperature is selectable at 120° F or at 140° F; 98° - 185° F available with the MCC-91 controller for commercial and hydronic applications
Temperature (without remote)	120° F (factory default)
Approved Gas Types	Natural or Propane (ensure unit matches gas type)
Installation	Indoor only
Energy Factor	Natural Gas: 0.82 Propane: 0.82
Thermal Efficiency	Natural Gas: 84% Propane: 84%
Service Connections	Gas supply: 3/4 inch MNPT Cold water inlet: 3/4 inch MNPT Hot water outlet: 3/4 inch MNPT
Water Flow Control	Water flow sensor, electronic water control and by-pass control
Minimum/Maximum Water Supply Pressure	20 - 150 PSI (recommended 30-80 PSI for maximum performance)

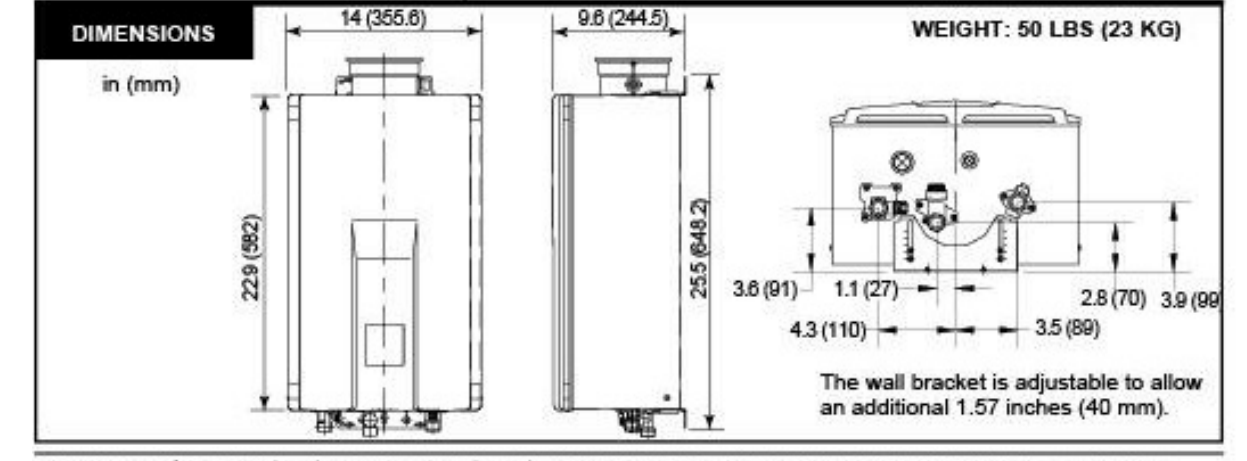


Rinnai

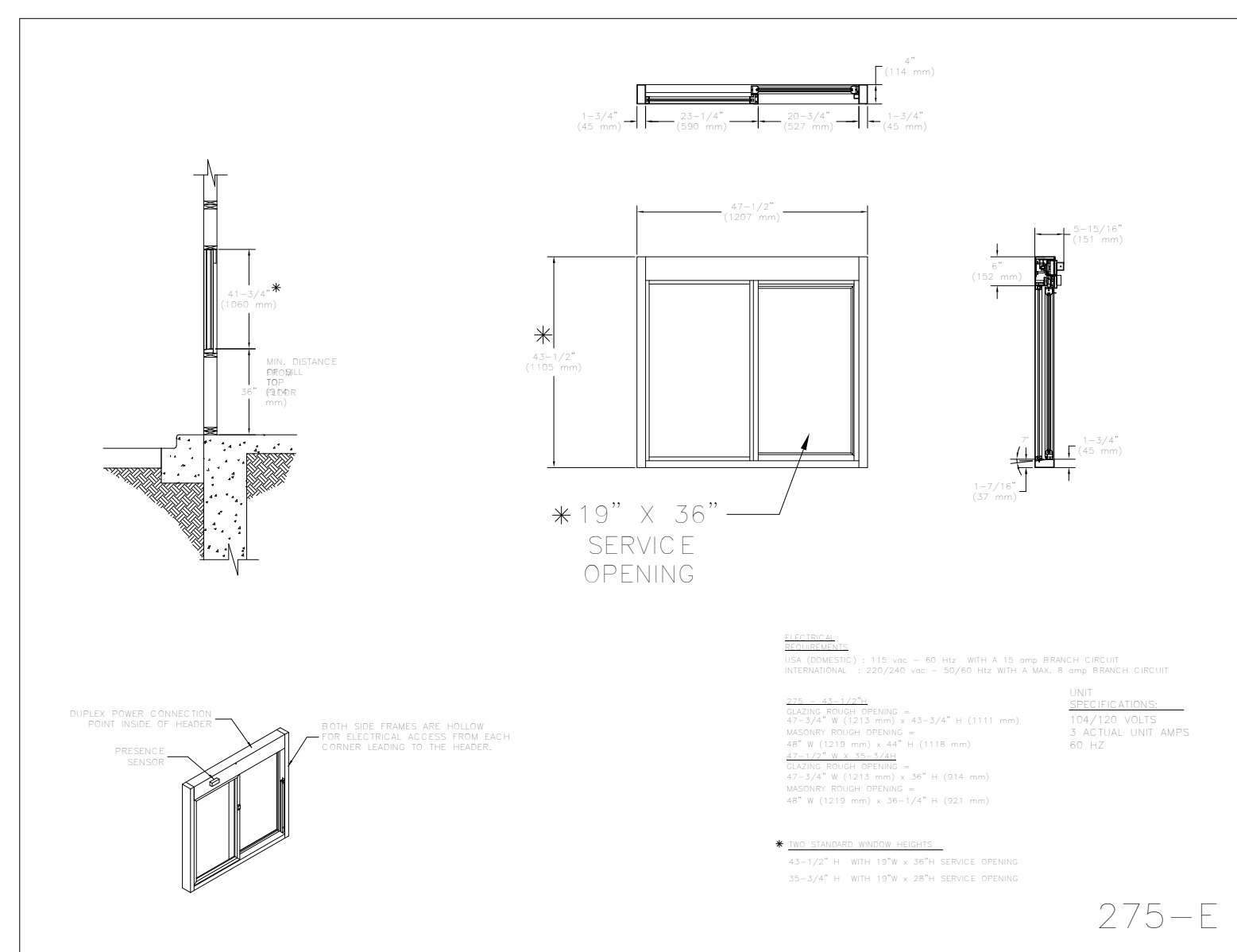
R94LSi (VA2535FFUD)

Water Temperature Control	Simulation feed forward and feedback
Controller	MC-91-1US (part of the front panel) Deluxe controller: MC-100V-1US (optional) Bathroom controller: BC-100V-1US (optional) Wireless controller: MC-502RC-1US-MIS (optional) MCC-91-1US (for commercial applications)
Controller Cable	Non-polarized two-core cable, minimum 22 AWG
Safety Devices	• Flame failure - Flame Rod • Boiling protection • Combustion fan rpm check • Over current - glass fuse (3 amp) • Remaining flame (OHS) • Thermal fuse • Automatic frost protection
Clearances from Combustibles (suitable for closet, attic, and crawl space installations)	• Top of heater - 6 inches • Front of heater - 6 inches • Sides of heater - 2 inches • Back of heater - 0 inches • Bottom of heater - 12 inches • From vent pipe - 0 inches
Clearances from Non-combustibles	• Top of heater - 2 inches • Front of heater - 6 inches • Sides of heater - 1/2 inch • Back of heater - 0 inches • Bottom of heater - 12 inches • From vent pipe - 0 inches
Min. / Max. Gas Supply Pressure	Natural Gas: min 5" W.C. Propane Gas: min 8" W.C. max 10.5" W.C. max 13.5" W.C.
Manifold Gas Pressure (inches W.C.)	Natural Gas: high fire 3.3" W.C. Propane Gas: high fire 5.0" W.C. low fire 0.52" W.C. low fire 0.92" W.C.
NOx	Meets California and Texas NOx Emission Rules
Warranty	Heat exchanger: 12 years* for residential and 5 years* for commercial and hydronic applications; (10 years* if used with the Rinnai Hydronic Air Handler); all other parts: 5 years*; labor: 1 year; (* 3 years if used as a circulating water heater within a circulation loop, when the water heater is in series with a circulation system and all circulating water flows through the water heater)

Rinnai is continually updating and improving products; therefore, specifications are subject to change without prior notice. Local, state, provincial and federal codes must be adhered to prior to installation.

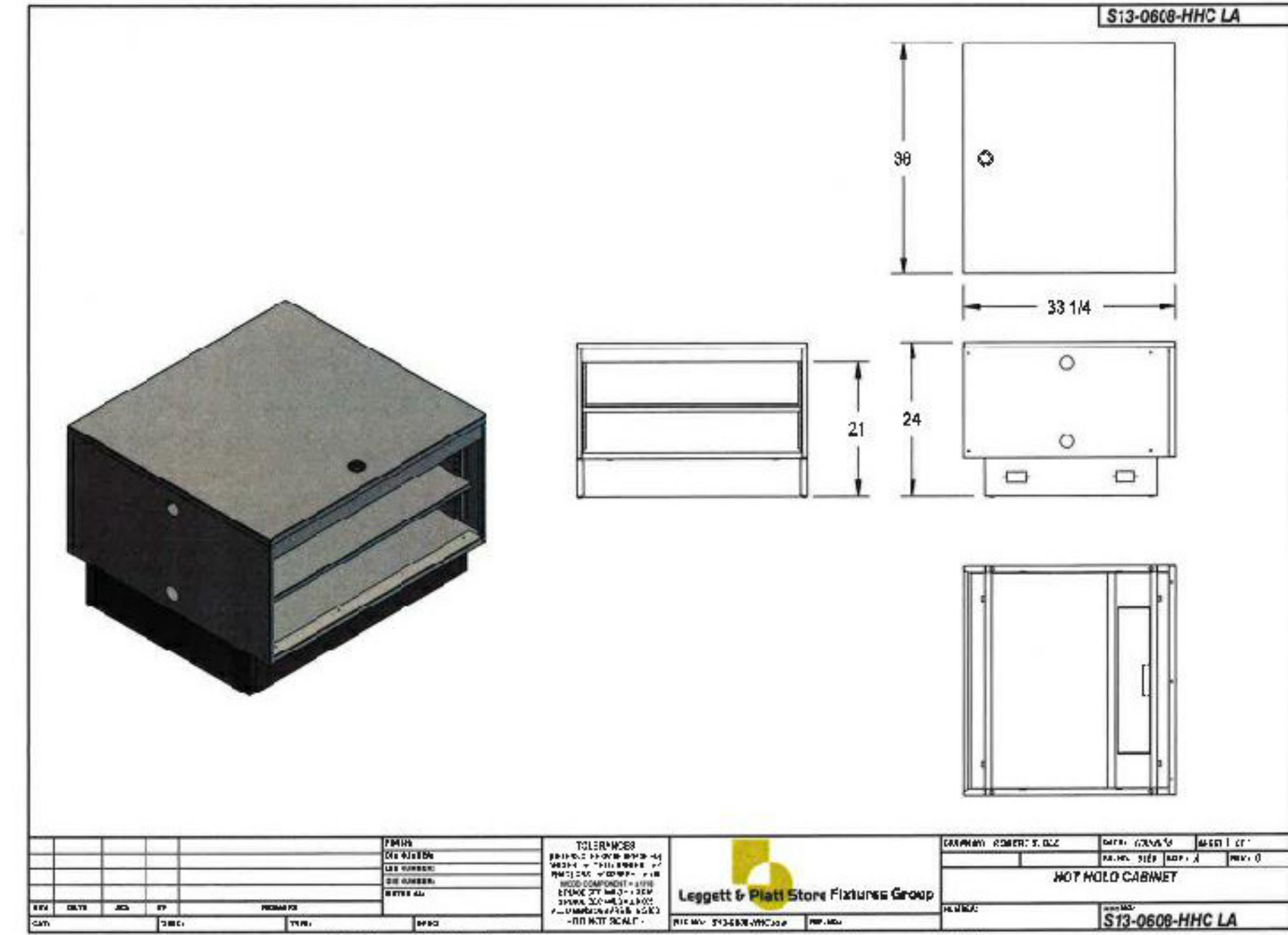
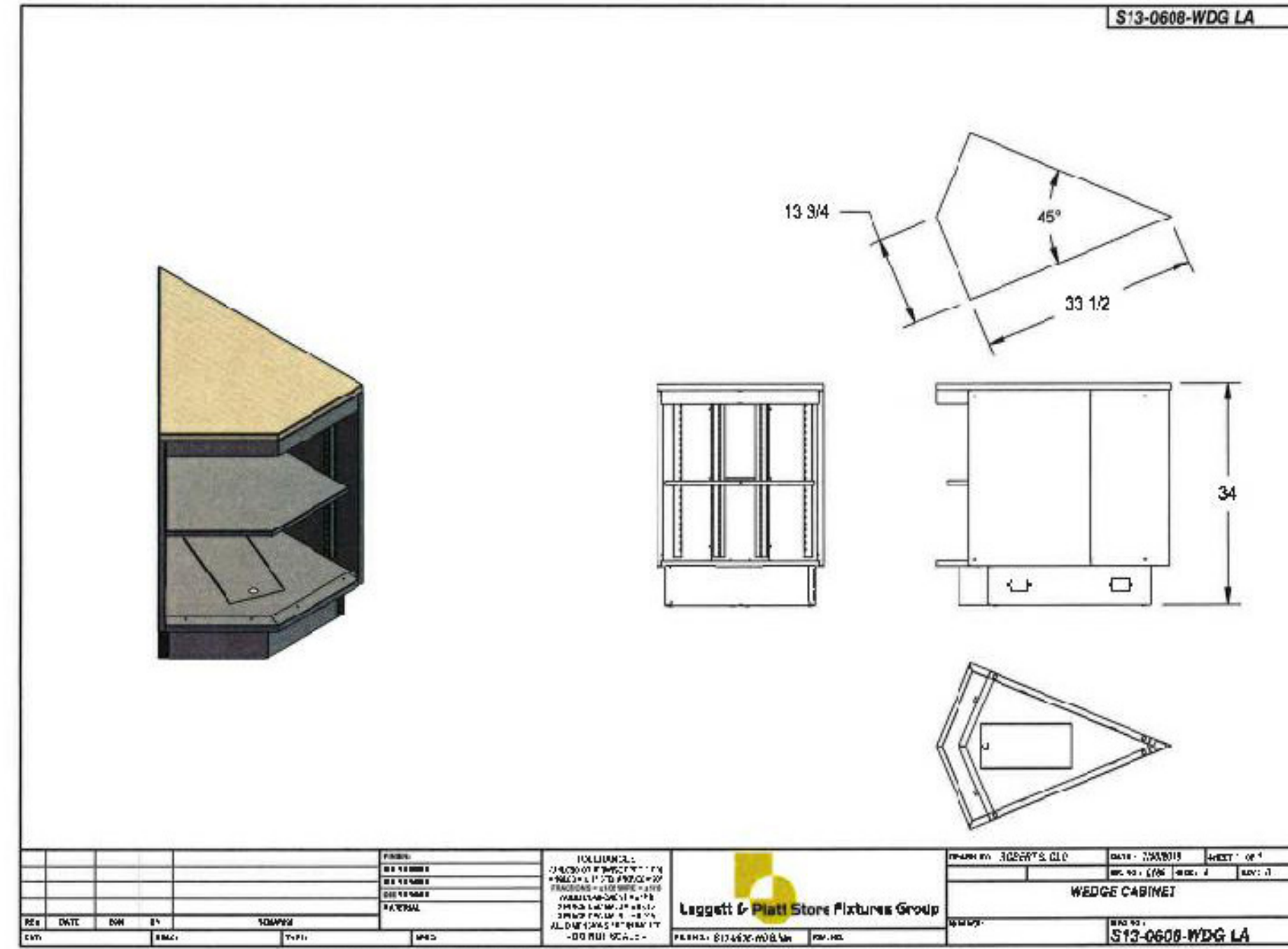
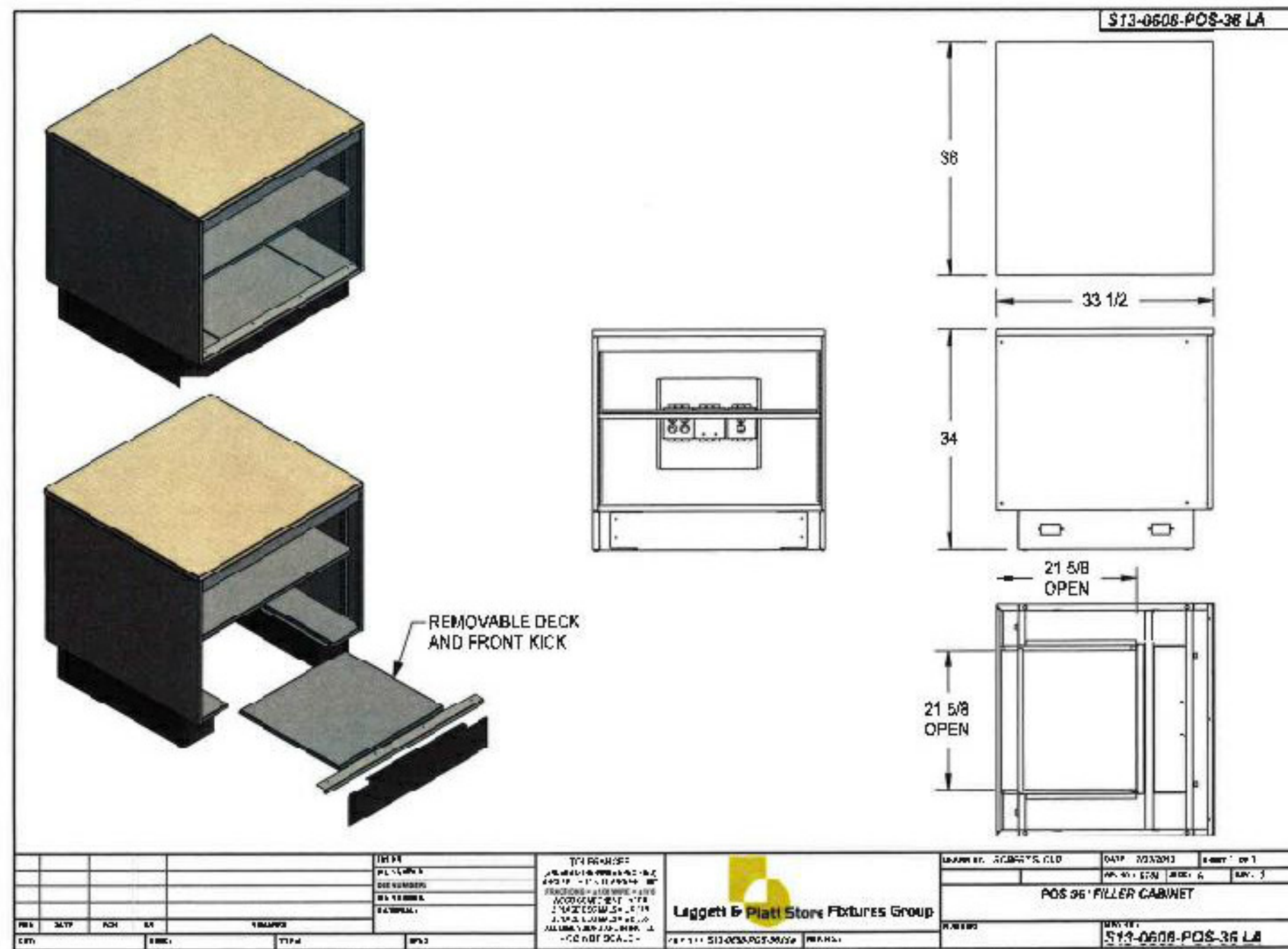
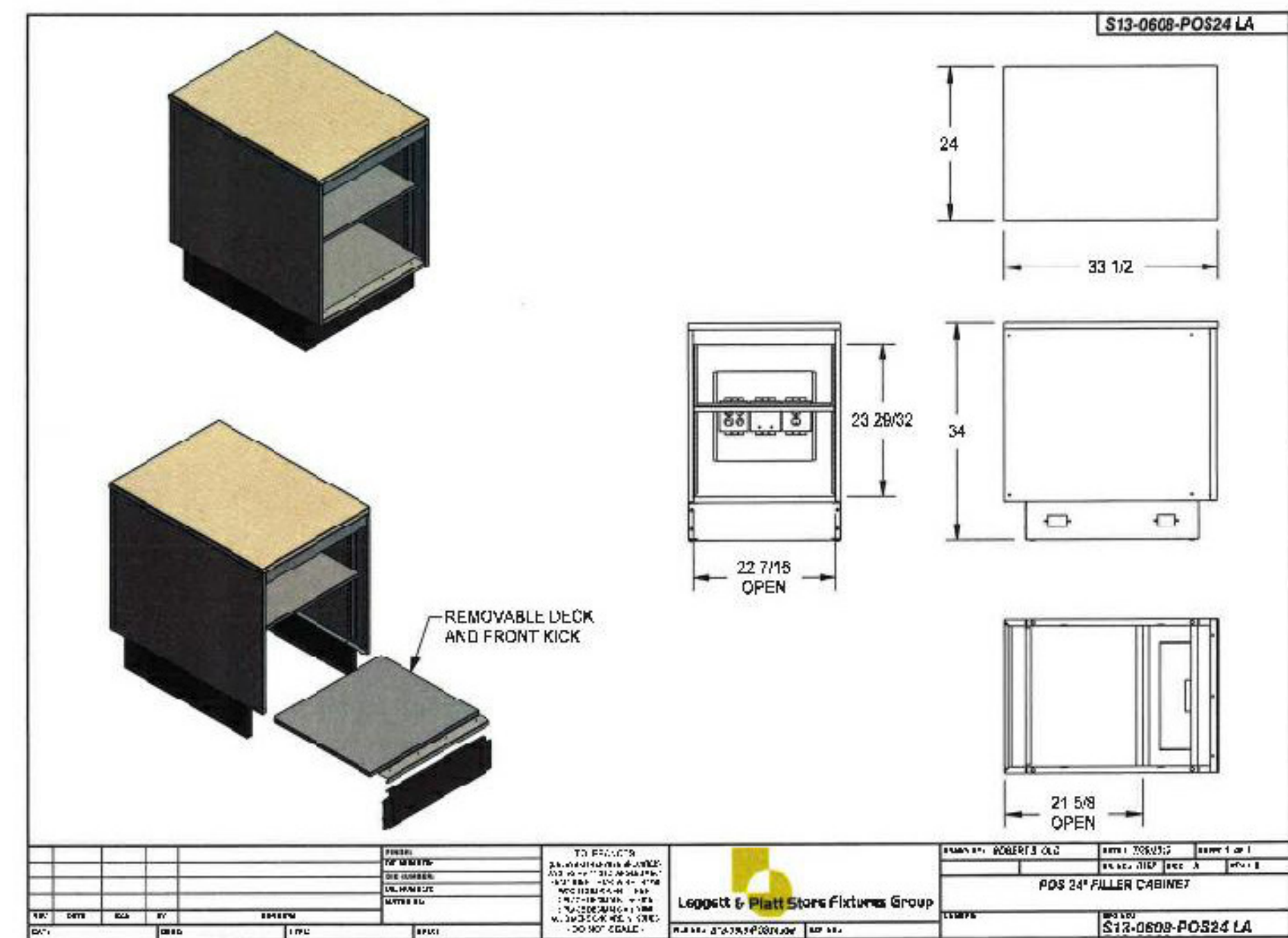
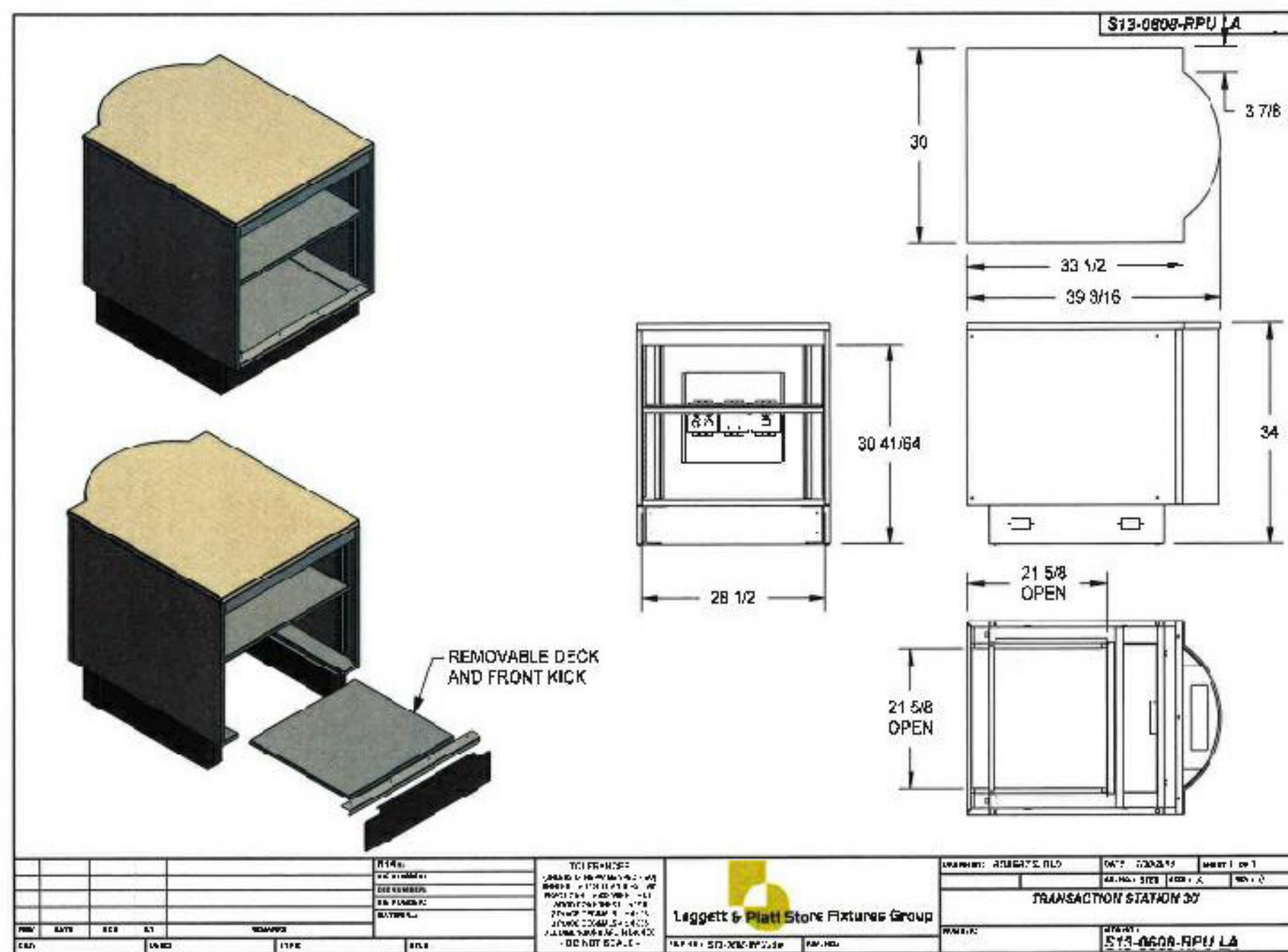
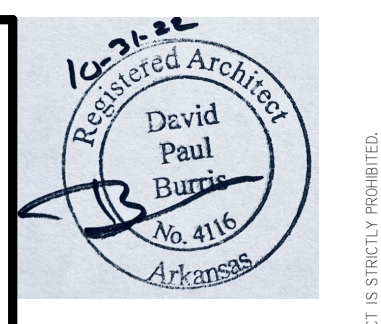


WATER HEATER INFORMATION
CONTACT RINNAI AT 866-383-0707 FOR NATIONAL DISCOUNT PRICING



DRIVE-THRU WINDOW DETAIL: READY ACCESS (MODEL 275 ELECTRIC)
CONTACT: (800) 621-5045

NOTICE: Attention Domino's Pizza franchisees, franchisee architects and contractors. These design intent drawings represent the approved layout of equipment and finishes for this Domino's Pizza location. Any reconfiguration or modification requires written approval from Domino's Store Development Department. Modification without such approval may result in reconstruction or default.



CASHWRAP STATIONS W/ RELOC ELECTRICAL

CONTACT E&S FOR INSTALL MANUALS

ELECTRICAL CONNECTIONS TO BUILDING WIRING NOTE:

Each Cabinet that contains 120 volt electrical outlets has a manufactured wiring Power Tee (PT) connected to each receptacle assembly (orange or white). The cabinets are electrically connected by plugging PTs together for adjoining cabinets, or Cable Extenders (CE) for passing through non-powered cabinets. Provided Circuit Distributor (CD) cables plug into a PT or CE to connect the cabinets to a junction box that is part of the building wiring (see Site Architectural Electrical Plan). White receptacles are intended for general purpose use and are to be connected via CD cables to a typical 120 volt AC circuit with overcurrent protection of no more than 20 amperes. Connect Black wire to the Hot conductor, White wire to Neutral, and Bare or Green to Ground. There may also be an unused Red Spare wire to be capped off. Orange receptacles are intended for electronic component use and are to be connected via CD cables to an *Isolated Ground Wire* 120 volt AC circuit with overcurrent protection of no more than 20 amperes. Connect Black wire to the Hot conductor, White to Neutral, Bare or Green to Ground and the Green with Yellow Stripe to the *Isolated Ground Wire* conductor. There may also be an unused Red Spare wire to be capped off. Manufactured wiring components used for the White receptacles are different than the Orange receptacles. The connection points are keyed and mechanically cannot be interconnected. Open side of Power Tees must be sealed with supplied Cover Caps.

NOTICE: Attention Domino's Pizza franchisees, franchisee architects and contractors. These design intent drawings represent the approved layout of equipment and finishes for this Domino's Pizza location. Any reconfiguration or modification requires written approval from Domino's Store Development Department. Modification without such approval may result in reconstruction or default.

Burris Architecture
 820 Tiger Blvd, Suite 4, Bentonville, Ar 72712
 479-319-6045

DOMINOS BRYANT
 3415 W. HWY 5
 BRYANT, AR

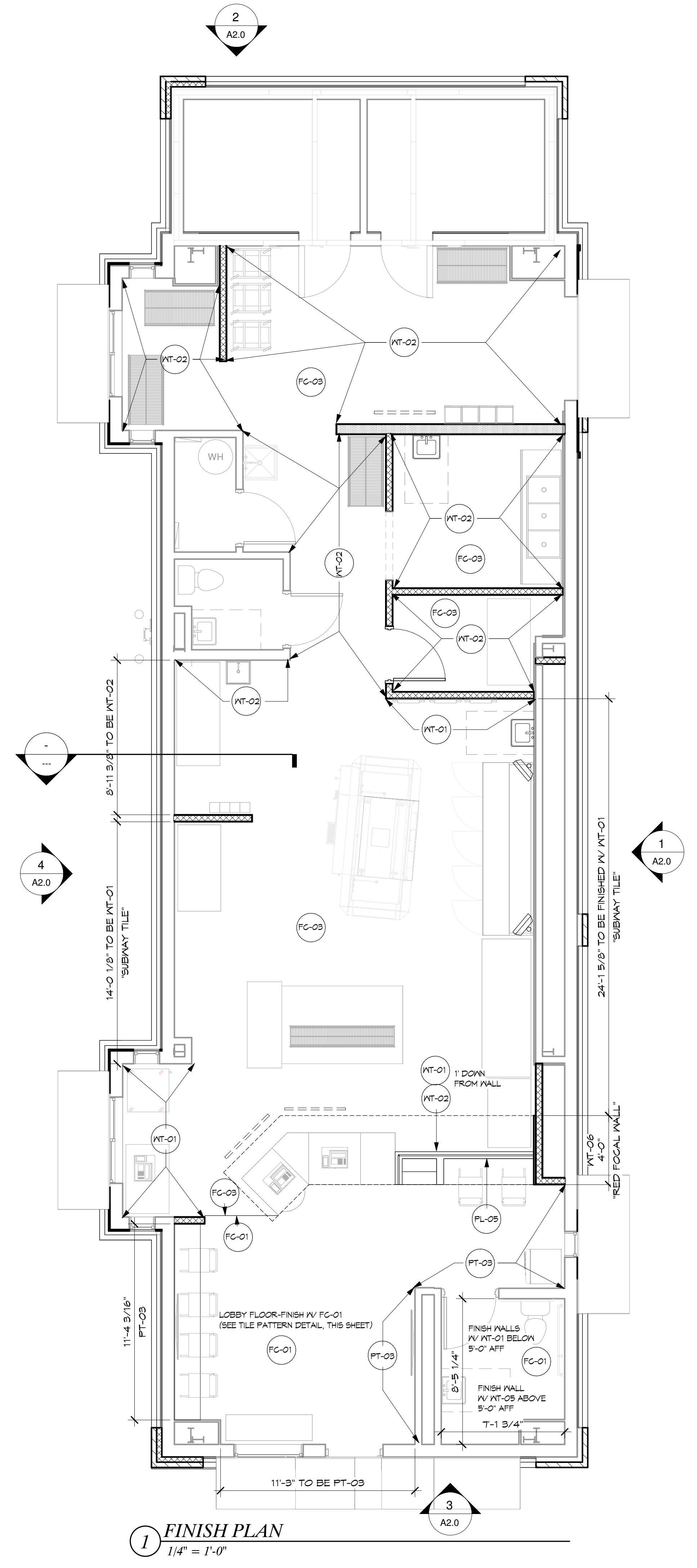
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REVISIONS	

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 DETAILS

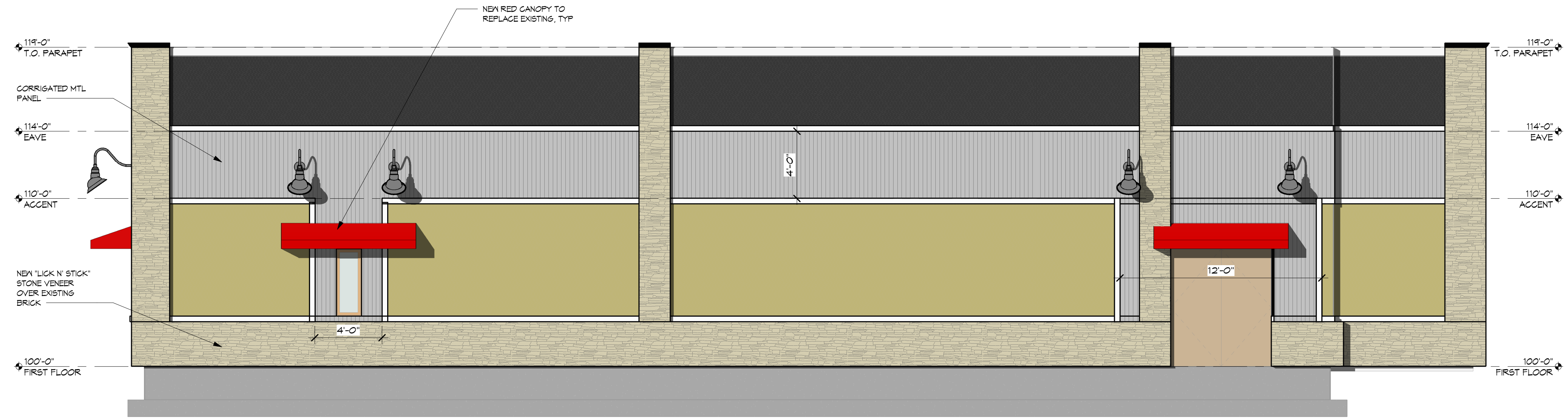
THIS DRAWING IS PROVIDED AS AN INDICATION OF THE PROPOSED EQUIPMENT AND FINISHES FOR THIS PROJECT ONLY. THE DRAWING REMAINS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE PRIOR WRITTEN PERMISSION OF THE ARCHITECT.

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DOMINO'S PIZZA THEATER FINISH SCHEDULE	
FLOOR COVERING	WALL TILE
<p>FC-01 RETAIL FLOOR AND RESTROOMS 6" X 24" PORCELAIN TILE ON 1/2" OFFSET. OLYMPIA TILE ARBOR SELECTION "MOKA" OLAR.MKA.0624 3/4" GROUT JOINT: CUSTOM BUILDING PRODUCT #60 CHARCOAL. CONTACT: KURT VON KOSS (248) 790-2197 KURT@BEAVER TILE.COM</p> <p>FC-02 ALTERNATE RETAIL FLOOR AND RESTROOMS 6" X 24" PORCELAIN TILE ON 1/2" OFFSET. DAL TILE YACHT CLUB PORCELAIN "COCKPIT" YCOL 3/4" GROUT JOINT: CUSTOM BUILDING PRODUCT #60 CHARCOAL. CONTACT: KURT VON KOSS (248) 790-2197 KURT@BEAVER TILE.COM</p> <p>FC-03 KITCHEN/ BACK OF HOUSE 6" X 6" QUARRY TILE QUARRY BASICS "507 PURITAN GRAY" 3/4" GROUT JOINT: CUSTOM BUILDING PRODUCT #60 CHARCOAL. CONTACT: KURT VON KOSS (248) 790-2197 KURT@BEAVER TILE.COM</p> <p>FC-04 ALTERNATE KITCHEN/ BACK OF HOUSE 6" X 6" QUARRY TILE DAL TILE QUARRY TEXTURES "10703 ASHEN GRAY" 3/4" GROUT JOINT: CUSTOM BUILDING PRODUCT #60 CHARCOAL. CONTACT: 877-556-5728 (ASK FOR DPZ NATIONAL PRICING PROGRAM)</p> <p>FC-05 CHILD "STEP-UP" AT DOUGH FEATURE 24" X 24" X 1/2" RUBBER TILE FLOOR VINYL STAR NOSING: #VIRC-N20-B) JOHNSONITE (RUBBER TILE FLOORING-TEXTURES) "RT RAISED ROUND" (COLOR: 20 CHARCOAL) CONTACT: LAURIE BAATZ (440) 313-8238 LAURIE.BAATZ@JOHNSONITE.COM</p> <p>FC-06 ENTRY INSET ENTRY FLOOR WALK-OFF MAT ULTRA ENTRY SYSTEM (RECYCLED BLACK VINYL W/ NYLON INSETS) NEW YORK COLLECTION BROWN (SIZE: CUSTOM PER LOCATION) USE W/ T-2 CONTACT: MARK SADAUSKAS (614) 743-7146 MSADAUSKAS@MATSINC.COM NOTE: MAT CAN BE LOCALLY SOURCED IF IT IS AN "AS EQUAL" PRODUCT</p>	<p>WT-01 WT-01: WHITE SUBWAY TILE INTERCERAMIC "100 ULTRA WHITE" 3 X 6 W/ WHITE GROUT LOCATION: KITCHEN VISIBLE TO CUSTOMER CONTACT: MEES DISTRIBUTORS (614) 844-5830 WWW.INTERCERAMIC.COM</p> <p>WT-02 FRP WALL PANEL (LOCATION: KITCHEN AREA NOT VISIBLE TO CUSTOMER) MARLITE "P-1007" TEXTURE: PEBBLE SURFACE/ COLOR: WHITE CONTACT: TOM PINNOW (330) 260-7631 TPINNOW@MARLITE.COM</p> <p>WT-03 FRP WALL PANEL MARLITE "P-1067" TEXTURE: PEBBLE SURFACE/ COLOR: BEIGE LOCATION: AS REQUIRED, REIMAGE CHAIR RAIL, VESTIBULE CONTACT: TOM PINNOW (330) 260-7631 TPINNOW@MARLITE.COM</p> <p>WT-04 FRP WALL PANEL CRANE COMPOSITES "STC" TEXTURE: SANDSTONE/ COLOR: 731 RED LOCATION: AS REQUIRED, REIMAGE CHAIR RAIL, VESTIBULE CONTACT: TOM PINNOW (330) 260-7631 TPINNOW@MARLITE.COM</p> <p>WT-05 WT-05: BLUE SUBWAY TILE "RITTENHOUSE SQUARE "COBALT" 3 X 6 SKU#DM1436MOD1P2 LOCATION: RESTROOM WALLS ABOVE 5' AFF CONTACT: DAL TILE (CAN ALSO BE SOURCED FROM BEAVER TILE)</p> <p>WT-06 WT-06: RED SUBWAY TILE</p>
WALL BASE AND FLOOR ACCESSORIES	MISCELLANEOUS INTERIOR FINISHES
<p>WB-01 RETAIL FLOOR AND RESTROOMS 6" X 24" PORCELAIN TILE OLYMPIA TILE ARBOR SELECTION "MOKA" OLAR.MKA.0624 W/ 3/4" GROUT JOINT: CUSTOM BUILDING PRODUCT #52 TOBACCO BROWN. CONTACT: KURT VON KOSS (248) 790-2197 KURT@BEAVER TILE.COM</p> <p>WB-02 ALTERNATE RETAIL FLOOR AND RESTROOMS 6" X 24" PORCELAIN TILE ON 1/2" OFFSET. DAL TILE YACHT CLUB PORCELAIN "COCKPIT" YCOL 3/4" GROUT JOINT: CUSTOM BUILDING PRODUCT #52 TOBACCO BROWN. CONTACT: KURT VON KOSS (248) 790-2197 KURT@BEAVER TILE.COM</p> <p>TS-01 TRANSITION STRIP: PORCELAIN TILE TO QUARRY TILE TRANSITION STRIP FROM FRONT OF HOUSE TO BACK OF HOUSE JOHNSONITE "CE-76-C WITH METAL TRACK (TRACK.MT-00-A) TRANSITION (76 CINNAMON) FROM 3/4" THICK RETAIL PORCELAIN AREA TILE TO 1/2" THICK QUARRY KITCHEN TILE CONTACT: LAURIE BAATZ (440) 313-8238 LAURIE.BAATZ@JOHNSONITE.COM</p> <p>TS-02 TRANSITION STRIP FROM ENTRY WALK-OFF MAT TO PORCELAIN TILE SCHLUTER "SCHIENE" STAINLESS STEEL CONTACT: (800) 667-6746 WWW.SCHLUTER.COM</p>	<p>WS-01 SOLAR WINDOW SHADES MECHO SHADES "THERMOVEIL BASKET WEAVES" FOR WINDOWS PRODUCT#: 1304/ COLOR: BLACK/BROWN/ OPENNESS: 5%/ STOCKED: 63" & 96" NOTE: SINGLE BRACKET, MANUAL DRIVE SYSTEM CONTACT: KMA & ASSOCIATES/ DEB MAK (614) 563-0569 DMAK@KMA.BZ</p> <p>WS-02 SOLAR WINDOW SHADES MECHO SHADES "THERMOVEIL BASKET WEAVES" FOR WINDOWS PRODUCT#: 1317/ COLOR: STRAW/ OPENNESS: 5%/ STOCKED: 63" AND 96" NOTE: SINGLE BRACKET, MANUAL DRIVE SYSTEM CONTACT: KMA & ASSOCIATES/ DEB MAK (614) 563-0569 DMAK@KMA.BZ</p> <p>CG-01 INTERIOR WALL CORNER GUARDS TO BE PROVIDED BY GENERAL CONTRACTOR OR EQUAL 2" X 2" FLANGE STAINLESS STEEL CORNER GUARDS/ HEIGHT: 48" FINISH: BRUSHED STAINLESS STEEL/ LOCATE AT HIGH TRAFFIC CORNERS</p> <p>CS-01 RETAIL COUNTERTOPS CORIAN BY DUPONT ITEM: SOLID SURFACES "COTTAGE LANE" 1/2" THICKNESS LOCATE: DOUGH COUNTERTOPS AND CUSTOMER LEDGE AT DOUGH FEATURE, POS COUNTERTOPS CONTACT: DAVE GREENING (614) 875-6700 DAVE.GREENING@OVSCO.COM</p>
CEILINGS	PLASTIC FINISHES
<p>CT-01 KITCHEN/ BACK OF HOUSE 24" X 24" SCRUBBABLE CEILING TILE USG CEILINGS SHEETROCK LAY IN CEILING PANEL (CLIMAPLUS, VINYL) "3260" COLOR: WHITE/ EDGE: SQUARE CONTACT: ERIN GOSENDE (513) 828-9686 EGOSENDE@USG.COM</p> <p>CT-02 AS REQUIRED: CAN BE PAINTED WITH PT-04 WHEN CT-03 IS NOT ALLOWED 24" X 24" X 1/2" ACOUSTICAL CEILING TILE USG CEILINGS (OLYMPIA MICRO CLIMAPLUS) "4211" COLOR: WHITE/ EDGE: SQUARE/ PROFILE: EDGE GRID PROFILE DONN CX CONTACT: ERIN GOSENDE (513) 828-9686 EGOSENDE@USG.COM</p> <p>CT-03 RETAIL AREA CEILING 24" X 24" X 1/2" ACOUSTICAL CEILING TILE USG CEILINGS (FROST CLIMAPLUS) "4211" COLOR: 565 SIENNA/ EDGE: SQUARE/ PROFILE: EDGE GRID PROFILE DONN CX-COLOR TO MATCH 565 SIENNA CONTACT: ERIN GOSENDE (513) 828-9686 EGOSENDE@USG.COM</p>	<p>PL-01 WILSONART LAMINATE COLOR: FROSTY WHITE/ NUMBER: 1573-60 FINISH: MATTE/ LOCATION: AS REQUIRED CONTACT: LESLIE HUMPHREY (614) 893-6853 HUMPHRL@WILSONART.COM</p> <p>PL-02 NEVAMAR LAMINATE COLOR: LIBERTY RED/ NUMBER: S1027T FINISH: TEXTURED/ LOCATION: RED ELEMENT, AS REQUIRED, REIMAGE CHAIR RAIL, VESTIBULE CONTACT: TOM CARTWRIGHT (937) 477-7837 TOM_CARTWRIGHT@PANOLAM.COM</p> <p>PL-03 FORMICA LAMINATE COLOR: CAFE/ NUMBER: 1903-58 FINISH: MATTE/ LOCATION: AS REQUIRED, REIMAGE CHAIR RAIL, VESTIBULE CONTACT: (800) 367-6422</p> <p>PL-04 WILSONART LAMINATE COLOR: TAN ECHO/ NUMBER: 7941K-18 FINISH: LINEARITY/ LOCATION: STANDING/ DINING LEDGES, TABLETOPS CONTACT: LESLIE HUMPHREY (614) 893-6853 HUMPHRL@WILSONART.COM</p> <p>PL-05 WILSONART LAMINATE COLOR: SATIN STAINLESS/ NUMBER: 4830K-18 FINISH: (18) LINEARITY/ LOCATION: MAKELINE/ DOUGH WALLS FASCIA ON CUSTOMER SIDE. CONTACT: LESLIE HUMPHREY (614) 893-6853 HUMPHRL@WILSONART.COM</p>
PAINT	MISCELLANEOUS NOTES
<p>PT-01 SHERWIN-WILLIAMS "REAL RED" PMS 186C (SW6866) FINISH: EGGSHELL (INTERIOR WALLS), SATIN (EXTERIOR TRIM, RESTROOM DOOR AND FRAME/ INTERIOR WALLS AS NOTED) CONTACT: (800) 321-8194 WWW.SHERWIN-WILLIAMS.COM</p> <p>PT-02 BENJAMIN MOORE "CALIFORNIA BLUE" PMS 7692C (2060-20) FINISH: EGGSHELL (INTERIOR WALLS), SATIN (EXTERIOR AND TRIM) CONTACT: (866) 708-9181 WWW.BENJAMINMOORE.COM</p> <p>PT-03 SHERWIN-WILLIAMS "CRUST PAINT" PMS 465C (SW6123) FINISH: EGGSHELL (INTERIOR WALLS), SATIN (EXTERIOR TRIM, STOREFRONT AND BUILDING SIDES) CONTACT: (800) 321-8194 WWW.SHERWIN-WILLIAMS.COM</p> <p>PT-04 SHERWIN-WILLIAMS "JAVA" PMS 7582C (SW6090) FINISH: MATTE CEILING PAINT CONTACT: (800) 321-8194 WWW.SHERWIN-WILLIAMS.COM</p> <p>PT-05 BENJAMIN MOORE "GREY CHALKBOARD PAINT" (307-80) FINISH: USE A PRIMER WITH A HARDENER ADDITIVE CONTACT: (866) 708-9181 WWW.BENJAMINMOORE.COM</p> <p>PT-06 IFS COATINGS, INC. POWDER COATED PAINT (SILVER SPARKLE "PRSS 90708" LOCATION: DINING LEDGE LEGS AND BASE PLATE, POS FASCIA CONTACT: BRANDON PHILLIPS (866) 437-2864 BPHILLIPS@IFSOS.COM</p>	<p>CORON WINDOW SILLS</p>
INTERIOR AND EXTERIOR FABRICS	
<p>FB-01 SUNBRELLA EXTERIOR AWNING FABRIC COLOR: LOGO RED STYLE: 4666/ SIZE: 467' 100% SOLUTION DYED ACRYLIC CONTACT: GLEN RAVEN CUSTOM FABRICS LLC. (336) 221-2211</p> <p>FB-02 ALTERNATE: COOLEY SIGN AND AWNING PRODUCTS EXTERIOR AWNING FABRIC COLOR: #0132 BRIGHT RED PRODUCT: COOLEY BRITE CONTACT: (800) 992-0072 WWW.COOLEYGROUP.COM</p>	
GENERAL NOTES	
<ol style="list-style-type: none"> ALL WORK SHALL CONFORM TO ALL FEDERAL, STATE AND MUNICIPAL CODES HAVING JURISDICTION OVER THIS PROJECT. CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONTRACT TO VERIFY EXISTING FIELD CONDITIONS. ALL EXISTING DIMENSIONS SHALL BE VERIFIED AND/OR GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SAME. ANY VARIATIONS OF THE DRAWINGS TO BE APPROVED BY DOMINO'S STORE DEVELOPMENT DEPARTMENT. FRANCHISEE TO RECEIVE, UNLOAD AND INSTALL ALL KITCHEN EQUIPMENT, SIGNAGE AND OPERATIONAL EQUIPMENT. GENERAL CONTRACTOR TO PROVIDE A MINIMUM OF ONE FIRE EXTINGUISHER IN COMPLIANCE WITH THE LOCAL FIRE MARSHAL. LOCATION & QUANTITY OF FIRE EXTINGUISHER(S) TO BE DETERMINED BY THE FIRE MARSHAL. PROVIDE NON COMBUSTIBLE PLYWOOD BACKING IN LIEU OF GYPSUM BOARD AS BACKING FOR WALL MOUNTED WIRE SHELVES FROM 42" A.F.F. TO 90" A.F.F. SEE FLOOR/EQUIPMENT PLAN FOR SHELF LOCATIONS & WALL FINISH. OVEN TO BE SET IN PLACE PRIOR TO INSTALLATION OF COUNTERS. WALL PARTITION KEY: <ul style="list-style-type: none"> TYP. INTERIOR PARTITION WALL, 1/2" GYPSUM BOARD EACH SIDE OF 1 1/2" X 3 1/2" 20 GA. METAL STUDS AT 16" O.C. WITH INDICATED FINISH. EXISTING WALL EXISTING WALL TO BE REMOVED (SHOWN DASHED) HALF HEIGHT WALL (42" AFF) HALF HEIGHT WALL (54" AFF) EQUIPMENT INDICATOR INDICATES PHONE LOCATION ON FLOOR/EQUIPMENT PLAN. 	<p>NOTE INSTALLER TO MAINTAIN 8" INCREMENT 1/4" TILE INSTALLATION</p> <p>CONTRACTOR TO CLEAN & SEAL PORCELAIN FLOORING WHERE MANDATED BY CODE.</p> <p>OLYMPIA TILE/ ARBOR COLLECTION, MOKA OLAR.MKA.0624 1/4" X 3/16" GROUT LINES</p> <p>CUSTOM BUILDING PRODUCTS- #60 CHARCOAL LAY TILE 1/4" OFFSET</p>



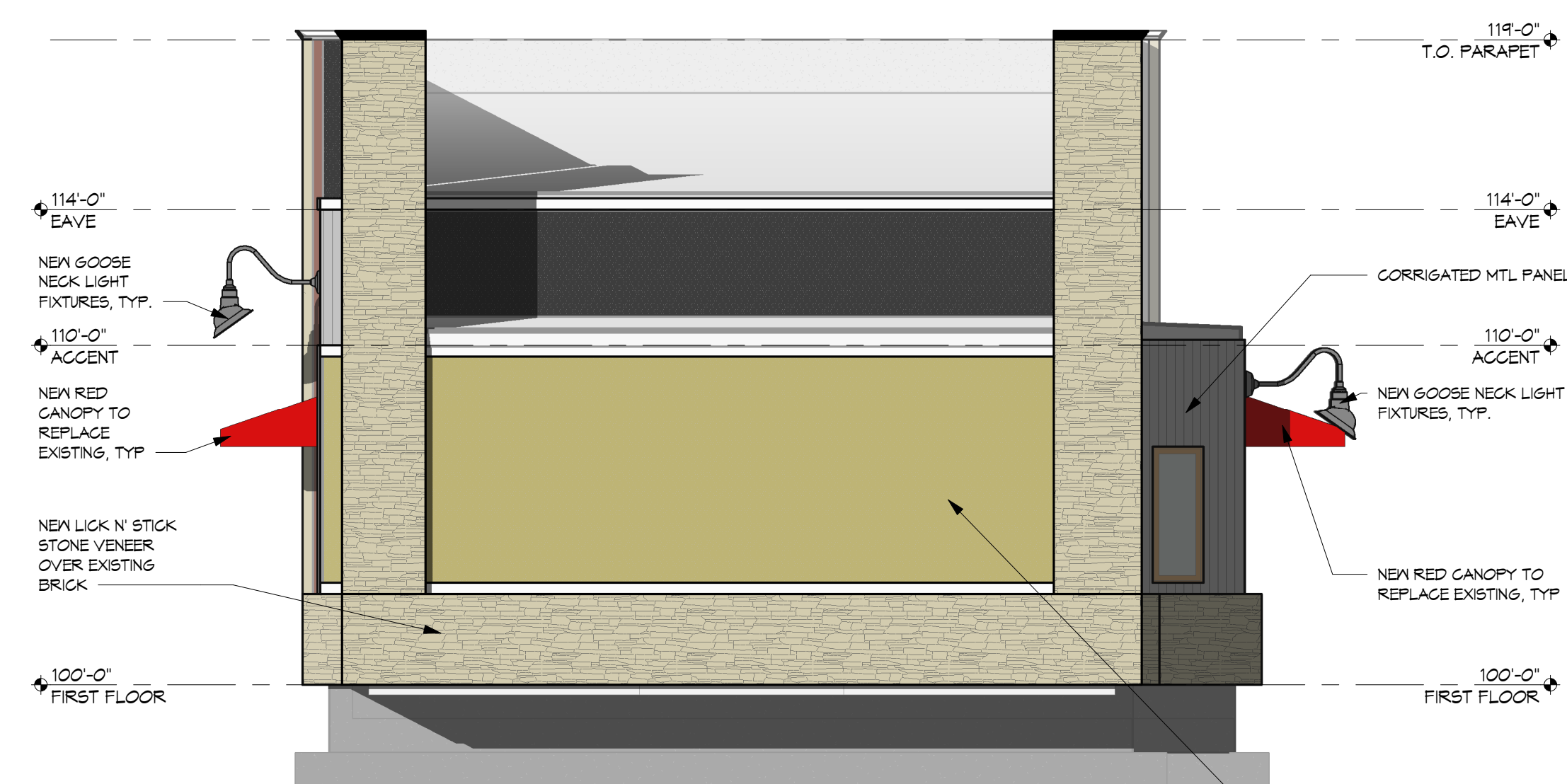
1 FINISH PLAN
1/4" = 1'-0"



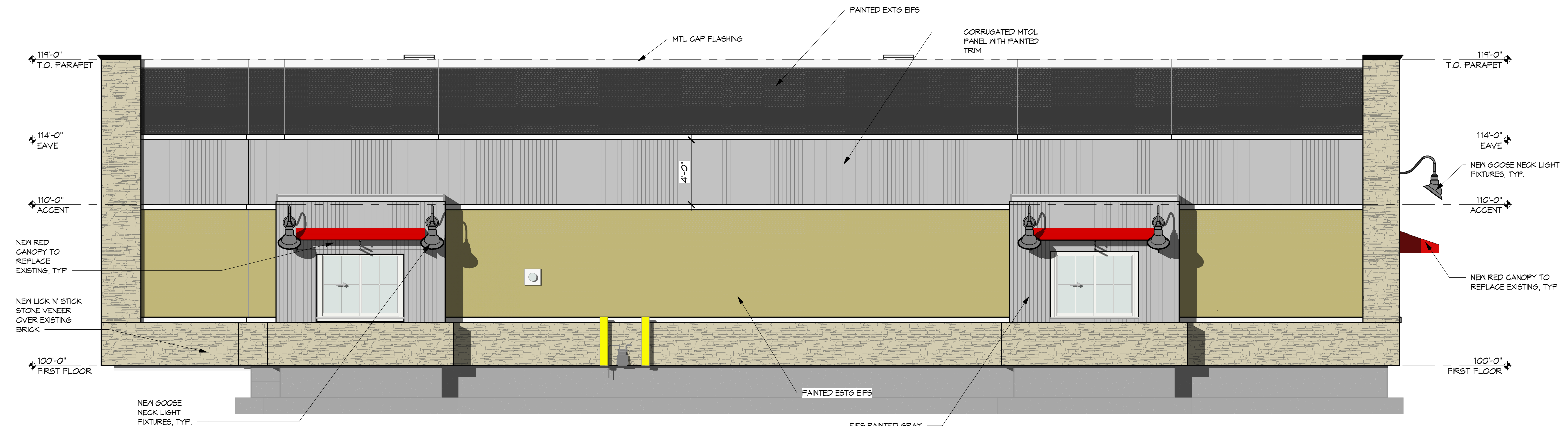
1 EAST ELEVATION
 1/4" = 1'-0"



3 SOUTH ELEVATION
 1/4" = 1'-0"



2 NORTH ELEVATION
 1/4" = 1'-0"



4 WEST ELEVATION
 1/4" = 1'-0"

PIPING MATERIAL SCHEDULE	
DESCRIPTION	MATERIAL
ABOVE GROUND GAS	SCHEDULE 40 BLACK STEEL WITH MALLEABLE IRON FITTINGS OR WELDED JOINTS WITH BUTT WELD FITTINGS. PROVIDE CORROSION-RESISTANT MATERIAL ON PIPING EXPOSED TO ATMOSPHERE OR IN CONTACT WITH MATERIAL EXERTING A CORROSIVE ACTION
ABOVE GROUND SANITARY SEWER AND VENT	PVC SCHEDULE 40 PIPE AND FITTINGS EXCEPT IN PLENUM RETURN AREAS. IN PLENUM RETURN AREAS WRAP PVC WITH 1" FIRE WRAP.
FLEXIBLE GAS PIPING INSIDE BUILDING	FOR FINAL CONNECTION TO EQUIPMENT ONLY. CORRUGATED STAINLESS STEEL GAS LINE WITH POLYETHYLENE JACKET AND FITTINGS BY MFG. MUST MEET ANSI, NFPA, FACTORY MUTUAL CODE AND LISTINGS AS AN ACCEPTABLE GAS PIPING MATERIAL. ALL STATE AND LOCAL CODE APPROVALS. PROVIDE PIPING EQUAL TO TRACPIPE BY OMEGA FLEX. SIZE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
UNDERGROUND SANITARY SEWER AND VENT PIPING INSIDE BUILDING AND OUTSIDE BUILDING WATER DISTRIBUTION PIPE	PVC SCHEDULE 40 PIPE AND FITTINGS. WATER DISTRIBUTION PIPE SHALL CONFORM TO NSF 61 AND SHALL BE COPPER AND CONFORM TO THE STANDARDS LISTED IN TABLE 605.4 OF THE I.P.C.

ROUGH-IN AND MOUNTING HEIGHT SCHEDULE					
NOTES:					
1. ALL VENT LINE SIZES SHOWN ARE MINIMUM UNLESS SHOWN LARGER ON RISER DIAGRAMS.					
2. SIZES SHOWN FOR WASTE ARE FOR RISERS ONLY.					
3. ALL DRAIN AND VENT LINES BELOW SLAB SHALL BE 2" OR LARGER.					
4. VENT LINES SHALL RISE 6" ABOVE FLOOD LEVEL RIM BEFORE OFFSETTING HORIZONTALLY, EXCEPT FOR INTERCEPTORS LOCATED OUTDOORS.					
5. SIZES SHOWN APPLY UNLESS NOTED DIFFERENTLY ON PLANS.					

FIXTURE	WASTE	VENT	COLD WATER	HOT WATER	HEIGHT OF INSTALLATION
FLOOR DRAINS/SINKS	3"	1-1/2"			
LAVATORIES AND SINKS, WALL MOUNTED	(1-1/2")	1-1/4"	1/2"	1/2"	NON-ADA 31" TO TOP OF RIM ADA 34" TO TOP OF RIM

NOTES:
() INDICATE INDIRECT WASTE.

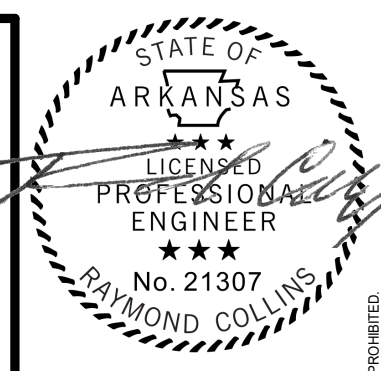
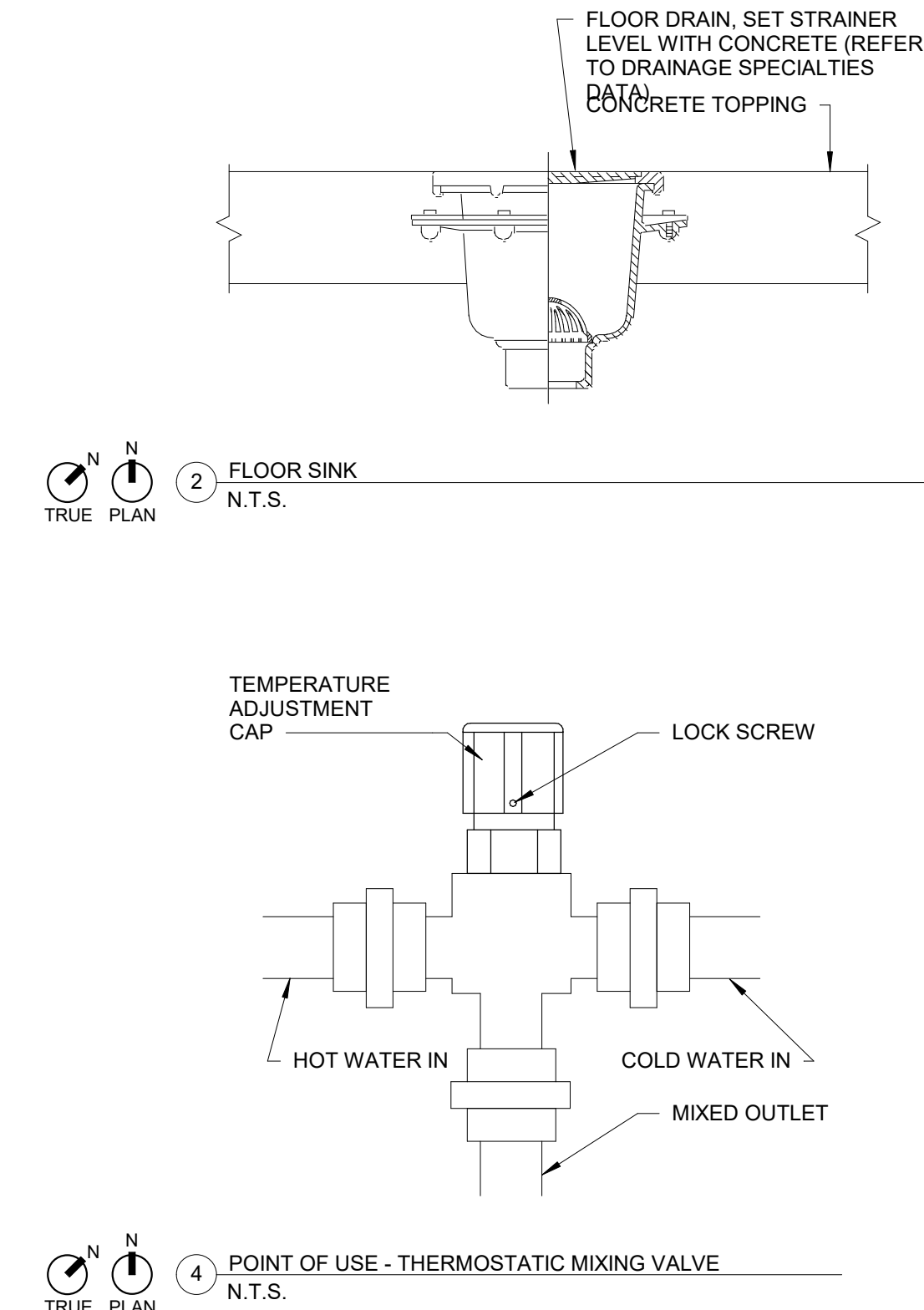
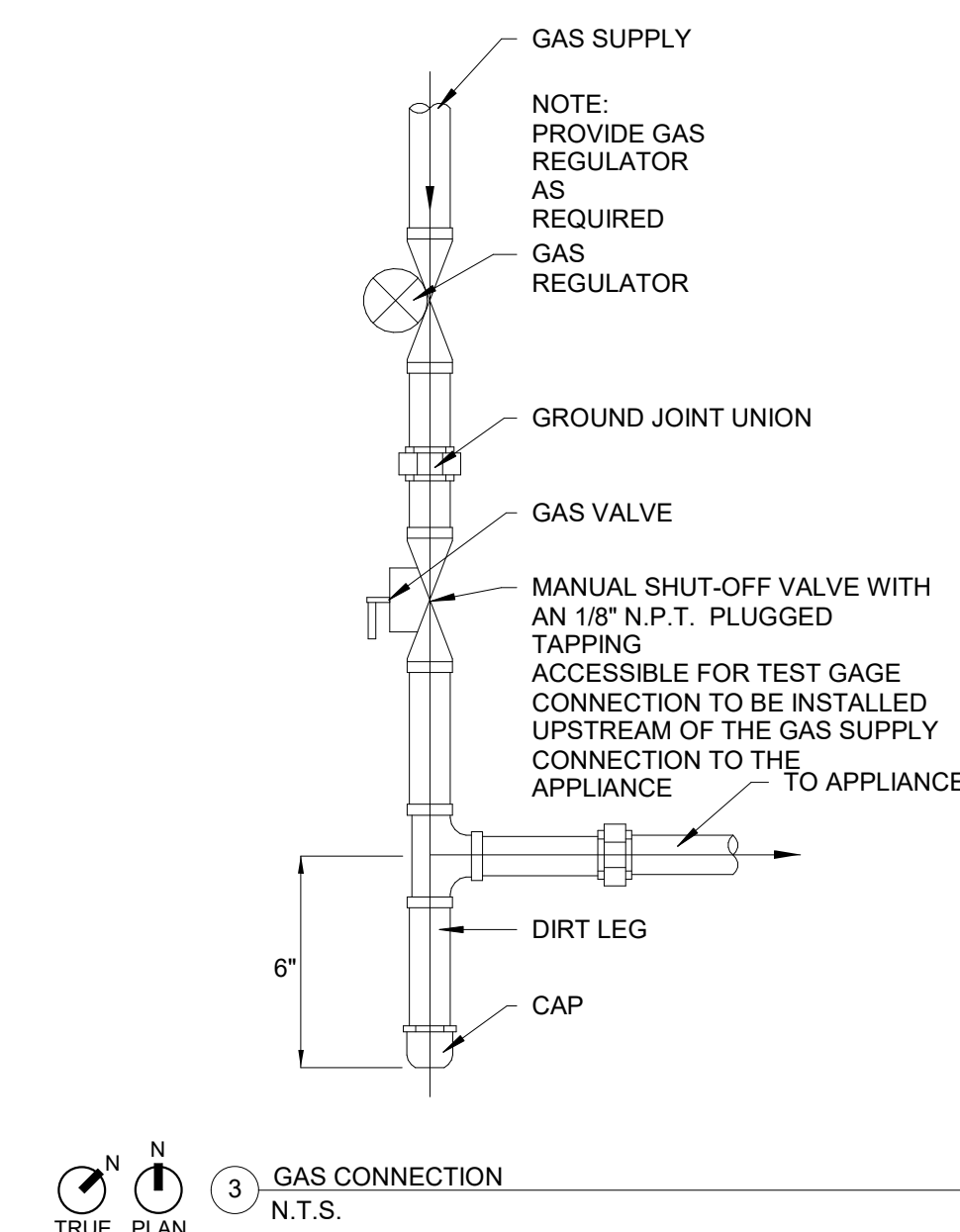
DESCRIPTION	INSULATION TYPE	INSULATION THICKNESS NOMINAL PIPE SIZE				
		<1	1 TO <1-1/2	1-1/2 TO <4	4 TO <8	≥8
DOMESTIC COLD WATER, HOT WATER, AND HOT WATER RETURN PIPING ABOVE GRADE	ELASTOMERIC, ADD ASTM E84 COMPLIANT JACKET IN AIR PLENUM SPACES	1	1	1.5	1.5	1.5

PLUMBING EQUIPMENT SCHEDULE				
FIXTURE TAG	DESCRIPTION	MANUFACTURER	TRIM	ELECTRICAL REQUIREMENTS
BV-1	BALL VALVE	APOLLO INTERNATIONAL 94ALF-A	LEAD FREE BALL VALVE, FULL PORT, BLOWOUT-PROOF, PRESSURE RETAINING, ADJUSTABLE STEM PACKING NUT	
FS-1	FLOOR SINK 12-1/2" CAST IRON RECEPTOR, 8" DEEP	J. R. SMITH 3150	CAST IRON FLANGED RECEPTOR. SEEPAGE HOLES, ACID RESISTANT COATED INTERIOR, NICKEL BRONZE RIM, LOOSE GRATE, ALUMINUM DOME BOTTOM STRAINER, GRATE, MIFAB TRAP GUARD	
S-1	SINK-COMMERCIAL SINGLE COMPARTMENT, WALL MOUNT	ADVANCE TABCO 7-PS-60	FAUCET INCLUDED, 3-1/2" OPENING DRAIN, MCGUIRE 151M HEAVY DUTY BRASS BASKET & STRAINER, 1 1/2", CHROME PLATED TAILPIECE, MCGUIRE 8912 1 1/2" x 1 1/2" HEAVY DUTY CHROME PLATED CAST BRASS P-TRAP W/ CLEANOUT PLUG, MCGUIRE 170LK CHROME PLATED SOLID BRASS ANGLE STOPS W/ 5" CHROME PLATED COPPER EXTENSION TUBE & LOOSE KEYS, FLEXIBLE CHROME PLATED COPPER RISERS, MCGUIRE 111C SERIES 1 1/2" END OUTLET CONTINUOUS WASTE, PROVIDE TWO FAUCET HOLES ON DECK	
TMV-1	THERMOSTATIC MIXING VALVE - POINT OF USE	LEONARD 270-LF	LEAD FREE, INTEGRAL CHECK VALVE AND STRAINER. PROVIDE, TEMPERATURE CONTROL SET AT 110°	

MECHANICAL PIPING LEGEND	
	ISOLATION VALVE
	PRESSURE RELIEF VALVE
	BALL VALVE
	CALIBRATED BALANCING VALVE
	BUTTERFLY VALVE
	3-WAY CONTROL VALVE
	2-WAY CONTROL VALVE
	MANUAL SYSTEM BYPASS VALVE
	PRESSURE GAUGE PORT
	PRESSURE GAUGE
	CONTINUATION SYMBOL
N.C.	NORMALLY CLOSED
ADJ.	ADJUSTABLE

	COMPRESSED AIR
	COLD WATER
	CONDENSATE
	FILTERED WATER
	FIRE
	FORCED MAIN
	GAS
	GREASE
	HOT WATER
	HOT WATER RETURN
	IRRIGATION
	MEDICAL AIR
	MEDICAL NITROUS
	MEDICAL OXYGEN
	MEDICAL VACUUM
	MEDIUM PRESSURE GAS
	OVERFLOW DRAIN
	RO WATER
	ROOF DRAIN
	SANITARY SEWER
	VENT
	CONNECT TO EXISTING
	WATER/GAS METER
	REGULATOR
	LINE CAP
	PRESSURE REDUCING VALVE
	DISCONNECT
	UNION
	BALL VALVE
	MIXING VALVE
	CALIBRATED MIXING VALVE
	UTILITY BOX/ SUPPLY BOX
	CIRCULATION PUMP
	FROST PROOF HOSE BIBB (FPHB-1)
	HOSE BIBB (HB-1)
	ROOF DRAIN
	ROOF OVERFLOW DRAIN
	DOWNSPOUT NOZZLE
	FLOOR DRAIN
	SAFE WASTE DRAIN
	FLOOR SINK
	WALL CLEAN OUT/ STACK CLEAN OUT
	FLOOR CLEANOUT
	CLEAN OUT TO GRADE/ TWO-WAY CLEAN OUT
	INDICATES SHEET NUMBER
	INDICATES DETAIL NUMBER
	BACKFLOW PREVENTER (RPZ-1)

GENERAL PLUMBING NOTES	
1	THE ENTIRE PLUMBING SYSTEM SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE INTERNATIONAL/ARKANSAS PLUMBING CODE REGULATIONS AND LOCAL PLUMBING INSPECTOR.
2	IT IS THE PLUMBING CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE SITE CONTRACTOR TO CONFIRM THAT THE INVERT AND LOCATION OF THE SANITARY SEWER IS COMPATIBLE WITH THE SITE UTILITIES PRIOR TO BEGINNING WORK.
3	THE PIPING INDICATED ON THESE PLANS ARE DIAGRAMMATICAL. ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION. CONTRACTOR SHALL COORDINATE ROUTING OF ALL PIPING WITH EXISTING CONDITIONS AND SHALL PROVIDE ANY NECESSARY OFFSETS, REROUTING, TEES, ELBOWS, ETC. REQUIRED FOR A COMPLETE AND COORDINATED INSTALLATION.
4	THE CONTRACTOR SHALL OBTAIN AND PAY ALL FEES RELATED TO PERMITTING, INSPECTIONS, TAP-ON FEES, ETC.
5	THE CONTRACTOR SHALL COORDINATE ANY PLUMBING OR PIPING SYSTEM SHUTDOWN WITH THE OWNER 48 HOURS IN ADVANCE.
6	CONTRACTOR SHALL COORDINATE AND PROVIDE ALL NECESSARY PIPING & PLUMBING FITTINGS, PIPING, MISCELLANEOUS ITEMS REQUIRED FOR A COMPLETE INSTALLATION OF ALL PLUMBING RELATED ITEMS.
7	DOMESTIC WATER AND SEWER LOCATED OUTSIDE OF FOOTING SHALL MAINTAIN A MINIMUM OF 10" SEPARATION UNLESS WRITTEN PERMISSION IS OBTAINED FROM LOCAL AUTHORITIES AND/OR PROPER LOCAL JURISDICTION PROVISIONS PER LOCAL CODE HAVE BEEN MET.
8	ALL DOMESTIC WATER, NATURAL GAS, DEIONIZED WATER, CARBON DIOXIDE, COMPRESSED AIR, AND NITROGEN PIPING SHOWN IS ABOVE CEILING, EXPOSED OVERHEAD, AND WITHIN WALLS UNLESS OTHERWISE NOTED. WATER HAMMER ARRESTORS SHALL BE INSTALLED AT DISHWASHERS, WASHING MACHINES, SUPPLY BOXES, AND QUICK CLOSING VALVES NOT LISTED. INSTALL WITH 1" AS CLOSE TO QUICK CLOSING VALVE AS POSSIBLE PER MANUFACTURER'S RECOMMENDATIONS. ISOLATION VALVES SHALL BE INSTALLED ON ALL SUPPLY FIXTURE GROUPS AND HOT WATER BALANCING VALVES.
9	ALL SANITARY, GREASE, LAB, AND ACID WASTE PIPING SHOWN IS BELOW SLAB, BELOW FLOOR, OR WITHIN WALLS UNLESS OTHERWISE NOTED. ALL SANITARY VENT PIPING SHOWN IS ABOVE CEILING, EXPOSED OVERHEAD, OR WITHIN WALLS UNLESS OTHERWISE NOTED.
10	FROST PROOF HOSE BIBBS AND SUPPLY PIPING SHALL BE INSTALLED ON THE INSIDE OF THE INSULATION. SEAL SHEATHING PENETRATION TO PREVENT AIR FROM REACHING THE VALVE.
11	FLOOR DRAIN CONNECTION SIZE TO BE THE SAME SIZE AS THE DRAIN LINE IT CONNECTS UNLESS NOTED OTHERWISE. IF SIZE IS NOT INDICATED ON DRAWINGS REFER TO PLUMBING ROUGH-IN SCHEDULE FOR PROPER SIZE.
12	FLUSH CONTROLS FOR HANDICAPPED WATER CLOSETS ARE TO BE MOUNTED TO THE OPEN SIDE OF THE TOILET AREAS.
13	THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UNDER SLAB PIPING WITH EXISTING STRUCTURAL FOUNDATIONS. UNDERGROUND UTILITY LOCATIONS SHALL BE VERIFIED PRIOR TO ANY WORK BEING PERFORMED. CONTRACTOR SHALL REPAIR OR REPLACE ALL PIPING NOT IN PROPER WORKING ORDER OR DAMAGED DURING INSTALLATION OF THE NEW UNDERGROUND PIPING.
14	ALL PIPING PENETRATIONS THROUGH NEW, EXISTING WALL, OR FLOOR SHALL BE SEALED TO EQUAL THE RATING OF THE NEW, EXISTING WALL OR FLOOR.
15	THE PLUMBING SYSTEM SHALL BE TESTED AS REQUIRED BY LOCAL CODE OR BY THE REQUIREMENTS OF THE LOCAL PLUMBING INSPECTOR.
16	THE ENTIRE DOMESTIC WATER SYSTEM (EXISTING/NEW) SHALL BE DISINFECTED IN ACCORDANCE TO THE LOCAL CODE & HEALTH DEPARTMENT REQUIREMENTS.
17	FINISHED FLOOR ELEVATION (F.F.E.) SHALL BE 0.00' FOR CALCULATION PURPOSES ONLY, UNLESS NOTED OTHERWISE.
18	THE BACKFLOW PREVENTION DEVICE SHALL BE INSTALLED PER LOCAL CODE & PER AUTHORITY HAVING JURISDICTION REQUIREMENTS. NON-LEAD TYPE ONLY.
19	ALL PIPING ON ROOF SHALL BE ANCHORED TO STEEL RIB FASTENERS APPROVED BY THE ROOF MANUFACTURER. INSTALL ANCHORS PER MANUFACTURER'S RECOMMENDATION.
20	ALL PLUMBING & PIPING SYSTEMS SHALL BE SUPPORTED AS REQUIRED BY THE LOCAL CODE REQUIREMENTS AND PER MANUFACTURER'S RECOMMENDATIONS.
21	ALL VENT THRU ROOF (VTR'S) PENETRATIONS INDICATED ON PLANS ARE PRELIMINARY. FINAL LOCATIONS SHALL BE COORDINATED WITH ALL TRADES. ALL VTR'S SHALL BE A MINIMUM OF 10'-0" FROM ALL FRESH AIR INTAKE OPENINGS.
22	ANY PVC PIPE PENETRATING A FIRE RATED ASSEMBLY SHALL BE EXTERNALLY SLEEVED WITH STEEL, FERROUS, OR COPPER MATERIALS, SECURELY FASTENED TO THE FIRE RATED ASSEMBLY. ANY SPACE BETWEEN THE SLEEVE AND THE FIRE RATED ASSEMBLY PENETRATED SHALL BE PROTECTED USING MATERIAL THAT CONFORMS TO ASTM E 814 OR UL 1479, SUCH AS FIRE STOP FS-1900 OR FLAME STOPPER 5000.
23	CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS FOR DISHWASHER, WASHING MACHINE, REFRIGERATOR, ETC.
24	PROVIDE SHUT-OFF VALVES FOR PROPER OPERATION AND SERVICING OF DOMESTIC WATER DISTRIBUTION SYSTEM. LOCATION SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING: AT EACH FIXTURE GROUP, AT EACH BRANCH TAKE-OFF FROM MAINS AND AT THE BASE OF EACH RISER. COORDINATE WITH ARCHITECTURAL PLAN FOR ACCESS DOOR LOCATIONS.
26	VALVES SHALL BE LOCATED 6" ABOVE ACCESSIBLE CEILING WHEN AT ALL POSSIBLE AND SHALL BE CLEAR OF ANY OBSTRUCTIONS FROM OTHER TRADES. MAINTENANCE SHALL BE ABLE TO ACCESS VALVES WITH STANDARD LADDER. SHOULD LOCATION NOT BE APPLICABLE CONTRACTOR SHALL PROVIDE A CONTROL CHAIN AND/OR ARM.
28	REGULATORS INSTALLED ON THE INTERIOR OF THE BUILDING SHALL BE VENTED TO THE EXTERIOR PER LOCAL AND STATE CODES.
29	IT IS THE PLUMBING CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE SITE CONTRACTOR TO CONFIRM THAT THE INVERTS AND LOCATIONS OF THE BUILDING UTILITIES ARE COMPATIBLE WITH THE SITE UTILITIES PRIOR TO BEGINNING WORK.
30	CONTRACTOR SHALL PROVIDE A PRESSURE REDUCING VALVE (PRV-1) SHOULD THE WATER PRESSURE EXCEED 75 PSI. CONTRACTOR SHALL CONFIRM WITH ON SITE CONDITIONS AND LOCAL UTILITY.
32	PROVIDE AUTOMATIC SHUT-OFF VALVE ON GAS LINE FEEDING KITCHEN EQUIPMENT BELOW TYPE-I HOOD PRIOR TO ANY TAKE OFF. VALVE SHALL BE CONNECTED TO FIRE ALARM SYSTEM.
35	ANY LINE VOLTAGE WIRING THAT IS RUN BY THE PLUMBING CONTRACTOR SHALL BE INSTALLED IN ACCORDANCE WITH THE ELECTRICAL PLANS, NOTES, AND SPECIFICATIONS. INSULATION JACKET SHALL BE PROVIDED WHEN PIPING INSULATION IS EXPOSED.
37	THE PLUMBING CONTRACTOR SHALL INSPECT EXISTING CONDITIONS PRIOR TO BEGINNING WORK. FIELD VERIFY SIZE AND LOCATION OF ALL EXISTING SERVICES TO BE TIED INTO.
38	CAMERA SURVEY ALL EXISTING SANITARY SEWER LOCATIONS AND INVERTS BELOW SLAB OR GRADE. NOTIFY GENERAL CONTRACTOR OF ANY POTENTIAL CONFLICTS WITH WORK PRIOR TO BEGINNING CONSTRUCTION.
39	THE EXISTING PIPING INDICATED ON THESE PLANS SHALL BE VERIFIED IN THE FIELD FOR EXACT LOCATIONS, QUANTITY, AND PIPE SIZES.



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P1.0
PLUMBING LEGENDS, NOTES AND SCHEDULES

THE DRAWINGS OR PORTIONS THEREOF OR THE PROJECT OR ANY PART THEREOF SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT. ALL DRAWINGS, SPECIFICATIONS, RECORDS, AND MANUFACTURING INFORMATION SHALL BE THE PROPERTY OF THE ARCHITECT AND SHALL BE RETURNED TO THE ARCHITECT UPON COMPLETION OF THE PROJECT. ANY REPRODUCTION OR TRANSMISSION OF THESE DRAWINGS WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT IS STRICTLY PROHIBITED.



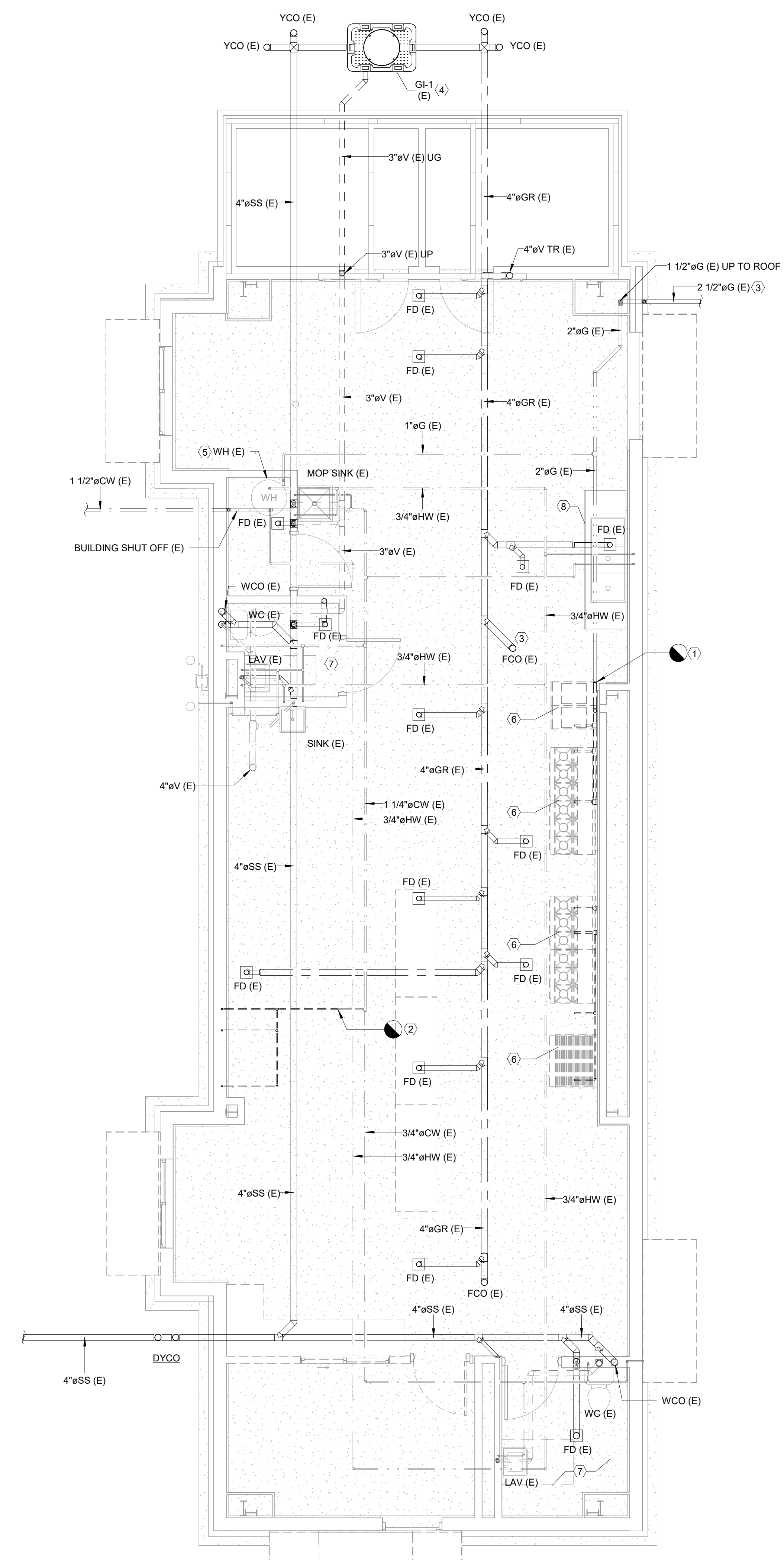
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SHEET NOTES:

1. DEMO EXISTING 2" NATURAL GAS LINE DOWNSTREAM OF EXISTING SOLENOID VALVE. CONTRACTOR TO FIELD VERIFY EXISTING PIPE LOCATION, SIZE AND WORKING CONDITION.
2. DEMO EXISTING 1/2" CW LINE BACK TO MAIN AND CAP.
3. EXISTING BUILDING GAS SHUT OFF AND REGULATOR. INLET PRESSURE @ 5 PSI. OUTLET PRESSURE @ 11 IN. WC. ESTIMATED EXISTING LOAD 1,939 MBH.
4. EXISTING GREASE INTERCEPTOR SCHIER GB-250 @ 100 GPM. CONTRACTOR VERIFY LOCATION AND EXISTING WORKING CONDITIONS.
5. EXISTING GAS WATER HEATER, A.O. SMITH BTH-199. CONTRACTOR TO VERIFY LOCATION AND WORKING CONDITIONS.
6. DEMO EXISTING EQUIPMENT AND ASSOCIATED PIPING AND CAP BEFORE SOLENOID VALVE.
7. EXISTING PLUMBING FIXTURES AND PIPING TO REMAIN. CONTRACTOR TO FIELD VERIFY EXISTING FIXTURES AND PLUMBING PIPING WORKING CONDITIONS.
8. EXISTING 3-COMP. SINK TO REMAIN. CONTRACTOR TO FIELD VERIFY EXISTING FIXTURES AND PLUMBING PIPING WORKING CONDITIONS.



1 EXISTING PLUMBING PLAN
 1/4" = 1'-0"

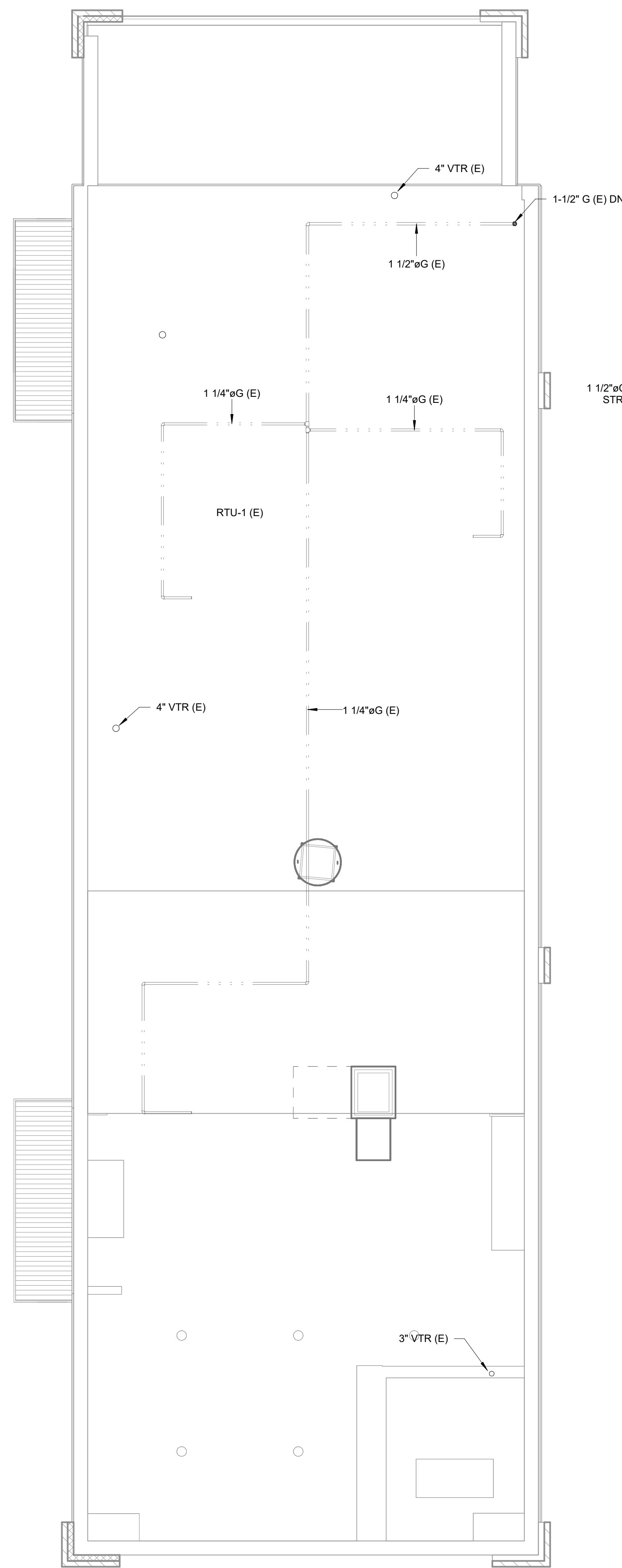
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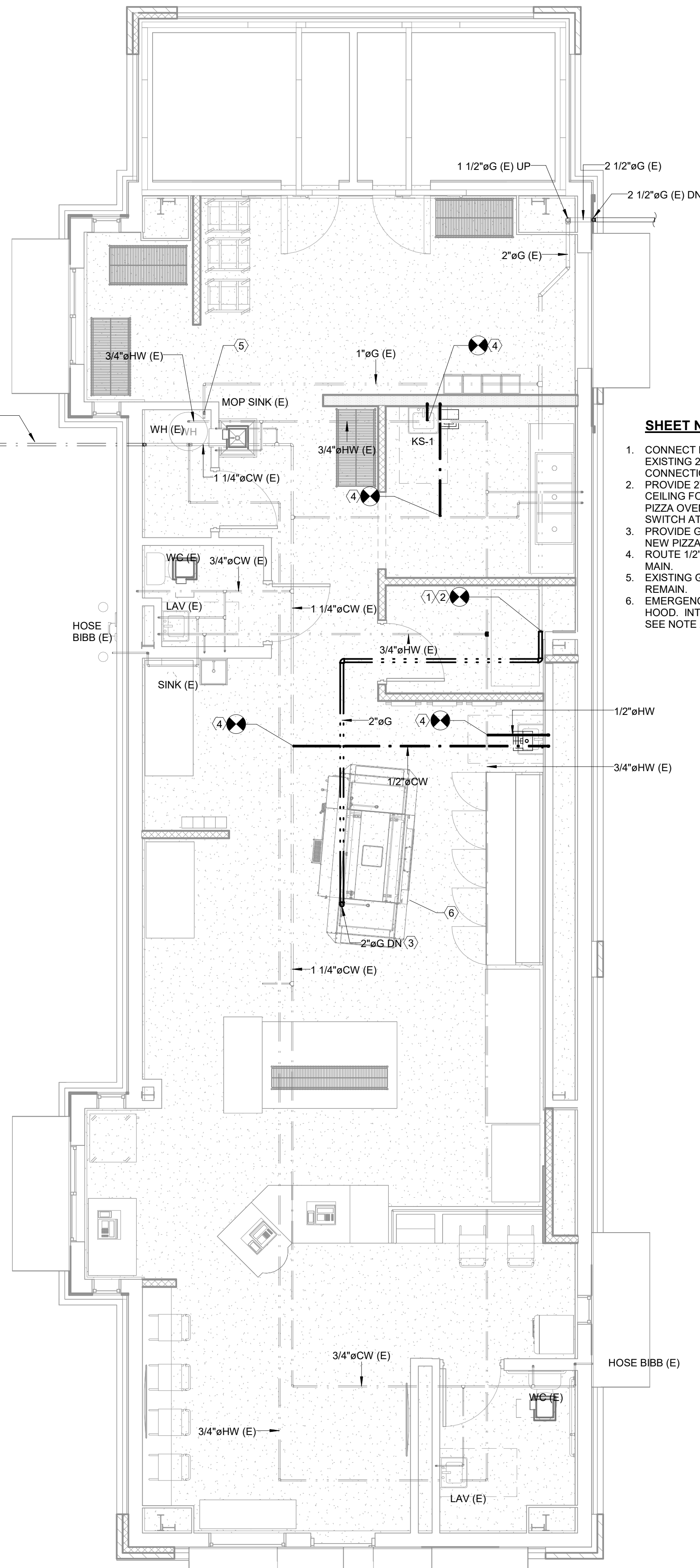
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P2.0
 EXISTING PLUMBING PLAN

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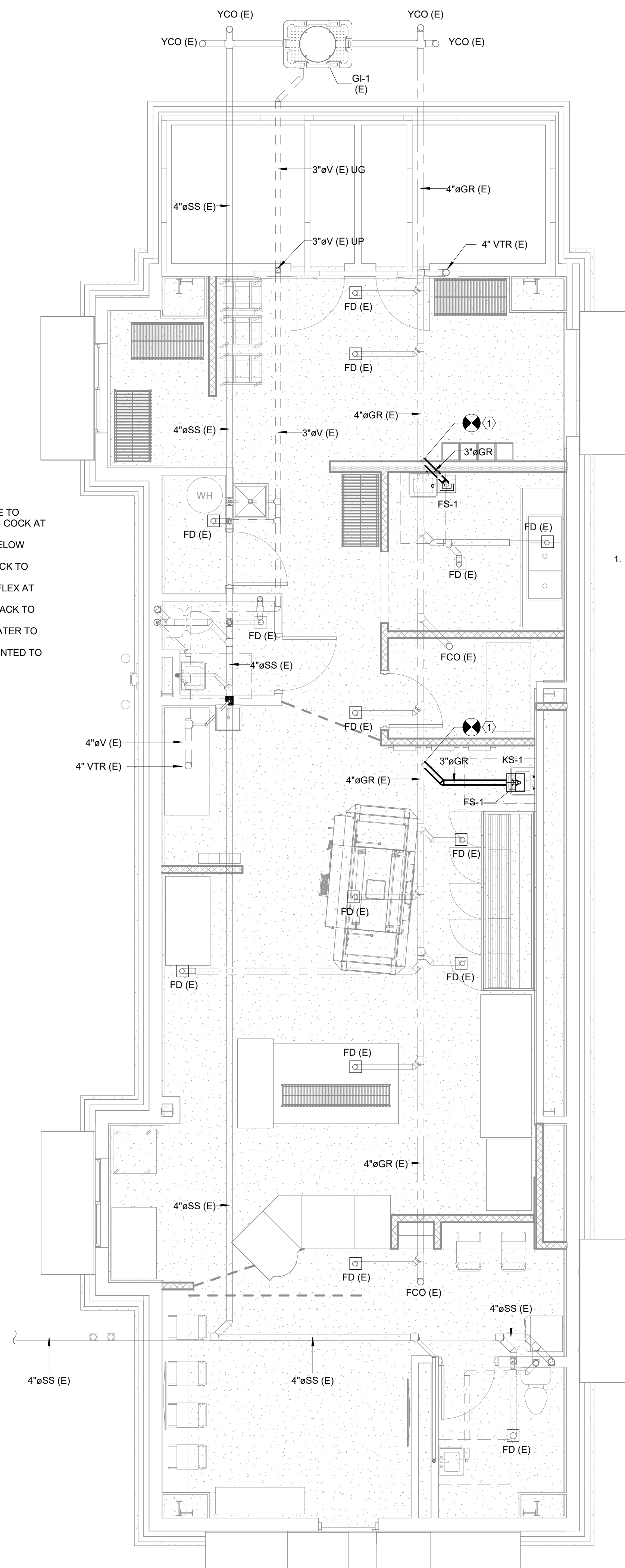
3 PLUMBING ROOF PLAN
1/4" = 1'-0"



2 PLUMBING SUPPLY PLAN
1/4" = 1'-0"

SHEET NOTES:

1. CONNECT NEW 2" NATURAL GAS PIPE TO EXISTING 2" GAS MAIN. PROVIDE GAS COCK AT CONNECTION TO MAIN.
2. PROVIDE 2" GAS SOLENOID VALVE BELOW CEILING FOR GAS PIPING SERVING PIZZA OVEN UNDER HOOD. INTERLOCK TO SWITCH AT HOOD. (NFPA 96).
3. PROVIDE GAS COCK, DIRT LEG AND FLEX AT NEW PIZZA OVENS.
4. ROUTE 1/2" COLD AND HOT WATER BACK TO MAIN.
5. EXISTING GAS PIPING TO WATER HEATER TO REMAIN.
6. EMERGENCY SHUTOFF SWITCH MOUNTED TO HOOD. INTERLOCK WITH SOLENOID. SEE NOTE 2.



1 PLUMBING DRAIN PLAN
1/4" = 1'-0"

SHEET NOTES:

1. CONNECT NEW 3" GREASE WASTE TO 4" EXISTING GREASE WASTE MAIN.



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P3.0
NEW PLUMBING PLAN

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EXHAUST FAN SCHEDULE

MARK	DESCRIPTION	MFR	MODEL	DRIVE	FLOW	ESP	MOTOR HP	RPM	VOLTS / PH	SONES	CONTROL TYPE	ACCESSORIES
EF-1	CEILING FAN	GREENHECK	SP-110-VG		110 CFM	.2	0.125	920	120 / 1	1.4	WALL SWITCH	A B C D
EF-2	CEILING FAN	GREENHECK	SP-110-VG		110 CFM	.2	0.125	920	120 / 1	1.4	WALL SWITCH	A B C D
EF-3	CEILING FAN	GREENHECK	SP-110-VG		110 CFM	.2	0.125	920	120 / 1	1.4	CONTINUOUS OPERATION	A B C D
EF-4	UPBLAST EXHAUST FAN	GREENHECK	CUBE-160	BELT	1500 CFM	1	0.75	1500	120 / 1	11.6	SWITCH ON HOOD	A E

GENERAL NOTES APPLICABLE TO ALL UNITS:

1. PROVIDE PRE-WIRED FACTORY MOUNTED INTEGRAL DISCONNECT DEVICE (NEMA 3R FOR EXTERIOR).
2. PROVIDE VARIABLE SPEED CONTROLLER (FACTORY INSTALLED IF AVAILABLE) ON ALL DIRECT DRIVE FANS FOR FAN BALANCING.
3. PROVIDE BELT TENSIONER ON ALL BELT DRIVE FANS.
4. PROVIDE WALL SLEEVE, FAN GUARD, EXTERIOR WEATHER HOOD AND MOTORIZED DAMPER WITH TIME DELAY CONTROLS ON ALL WALL MOUNTED PROPELLER FANS.
5. MOUNT FAN SPEED CONTROLLER IN ACCESSIBLE LOCATION ABOVE CEILING UNLESS OTHERWISE NOTED.
6. PROVIDE ROOF CURB TO MATCH ROOF TYPE AND SLOPE AT ALL ROOF MOUNTED FANS.

NOTES

- A. PROVIDE BACKDRAFT DAMPER.
- B. PROVIDE MANUFACTURER'S WALL CAP.
- C. PROVIDE MANUFACTURER'S WHITE ALUMINUM GRILLE.
- D. PROVIDE ISOLATOR KIT.
- E. PROVIDE GREASE COLLECTION CUP.

AIR DEVICE SCHEDULE

TAG	DESCRIPTION	MFR	MODEL	FACE SIZE	FRAME SIZE	NECK SIZE	MATERIAL/ FINISH
RG-1	EGGCRATE RETURN GRILLE	TITUS	50F				
SD-1	PLAQUE FACE DIFFUSER	TITUS	OMNI-AA				

GENERAL NOTE:

DUCT DIMENSIONS LISTED ON DRAWINGS REPRESENT THE AIRFLOW FREE AREAS AND DO NOT HAVE ALLOWANCES FOR INSULATION LINER, WHERE APPLICABLE, INSIDE THE DUCTS, OR DUAL WALL DIMENSIONS. DUCTS SHALL BE CONSTRUCTED TO INCLUDE INSULATION REQUIREMENTS AND MAINTAIN AIRFLOW DIMENSIONS INDICATED ON PLANS.

NOTE: NO LINED DUCT IN KITCHEN

MECHANICAL DUCTWORK & INSULATION SCHEDULE

SERVICE	DUCT TYPE	INSULATION TYPE	INSULATION THICKNESS
ALL LOW PRESSURE CONSTANT VOLUME SUPPLY AIR DUCT FROM AIR HANDLER OR PACKAGED UNIT	ROUND OR RECTANGULAR, AS INDICATED ON PLANS.	FIBERGLASS WRAP	2" WRAP, R VALUE=6.0
ALL LOW PRESSURE RETURN AIR DUCT FROM AIR HANDLER OR PACKAGED UNIT	ROUND OR RECTANGULAR, AS INDICATED ON PLANS.	FIBERGLASS WRAP	2" WRAP, R VALUE=6.0
ALL RUNOUTS TO SUPPLY DIFFUSERS AND RETURN GRILLES CONCEALED ABOVE CEILINGS	ROUND OR RECTANGULAR, AS INDICATED ON PLANS.	FIBERGLASS WRAP	2" WRAP, R VALUE=6.0
ALL SUPPLY AIR DIFFUSERS (BACKSIDE, NOT EXPOSED TO SPACE)	N/A	FIBERGLASS WRAP	2" WRAP, R VALUE=6.0
FRESH AIR EXHAUST DUCT	ROUND OR RECTANGULAR, AS INDICATED ON PLANS.	FIBERGLASS WRAP OR MATTE FACED FIBERGLASS LINER, AS INDICATED ON PLANS. N/A IF IN UNCONDITIONED SPACE	2" WRAP OR 1-1/2" LINER, R VALUE=6.0
FRESH AIR SUPPLY DUCT	ROUND OR RECTANGULAR, AS INDICATED ON PLANS.	FIBERGLASS WRAP OR MATTE FACED FIBERGLASS LINER, AS INDICATED ON PLANS. N/A IF IN UNCONDITIONED SPACE	2" WRAP OR 1-1/2" LINER, R VALUE=6.0
GREASE DUCT	16 GAUGE, CARBON STEEL WELDED AIR TIGHT AT ALL JOINTS AND SEAMS. MECHANICAL FASTENERS SHALL NOT PENETRATE DUCT WALL	THERMAL CERAMICS FIREMASTER, UL LISTED FOR ZERO CLEARANCE TO COMBUSTIBLES	3"
RESTROOM EXHAUST DUCT	ROUND OR RECTANGULAR, AS INDICATED ON PLANS.	FIBERGLASS WRAP OR MATTE FACED FIBERGLASS LINER, AS INDICATED ON PLANS	2" WRAP OR 1-1/2" LINER, R VALUE=6.0

MAKE-UP AIR UNIT SCHEDULE

TAG	MFR	MODEL	FAN			VOLTS / PHASE	AMPS	WATTS	WEIGHT (LBS)	NOTES
			DRIVE	CFM	ESP					
MUA-1	GREENHECK	KSFD-80-H08		1400	0.5	115 / 1	8.32	830	887	A

GENERAL NOTES APPLICABLE TO ALL UNITS:

1. PROVIDE INTAKE HOOD WITH MERV 8 FILTER
2. PROVIDE GRAVITY BACKDRAFT DAMPER
3. DOWN DISCHARGE: 12" ROOF CURB
4. INTEGRAL DISCONNECT SWITCH

NOTES

- A. MAKEUP AIR UNIT IS TO BE INTERLOCKED WITH KITCHEN HOOD

CONTRACTOR TO COORDINATE EQUIPMENT SIZE AND ORIENTATION WITH SPACE REQUIREMENTS PRIOR TO ORDERING EQUIPMENT.

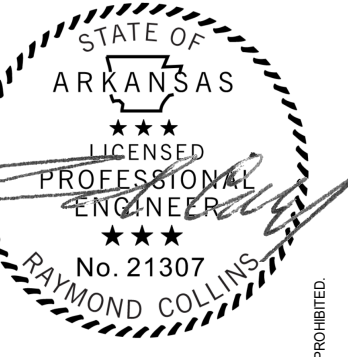
GENERAL MECHANICAL NOTES

1	SUBMISSION OF PROPOSAL IN CONNECTION WITH THIS WORK SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE UNDER WHICH HE WILL BE OBLIGATED TO OPERATE SHOULD HE BE AWARDED THE WORK UNDER THIS CONTRACT. NO EXTRA CHARGE WILL BE ALLOWED FOR FAILURE OF ANY BIDDER TO EXAMINE THE SITE PRIOR TO BID.
2	DUCT DIMENSIONS LISTED ON DRAWINGS REPRESENT THE AIRFLOW FREE AREAS AND DO NOT HAVE ALLOWANCES FOR INSULATION LINER, WHERE APPLICABLE, INSIDE THE DUCTS, OR DUAL WALL DIMENSIONS. DUCTS SHALL BE CONSTRUCTED TO INCLUDE INSULATION REQUIREMENTS AND MAINTAIN AIRFLOW DIMENSIONS INDICATED ON PLANS. FOR CLASH COORDINATION INCLUDE INSULATION THICKNESS PER SCHEDULE.
3	ALL WORK SHALL CONFORM TO STATE AND LOCAL CODES, RULES, REGULATIONS, AND ORDINANCES WHICH SHALL TAKE PRECEDENCE OVER THE PLANS IF CONFLICTS EXIST BETWEEN THEM.
4	THE DRAWINGS INDICATE THE GENERAL LAYOUT REQUIREMENTS FOR EQUIPMENT, FIXTURES, PIPING, DUCTWORK, ETC. FINAL LAYOUT SHALL BE MODIFIED TO FIT ACTUAL SITE CONDITIONS. ALL REQUIRED REVISIONS SHALL BE RECORDED ON A DESIGNATED HARD COPY SET OF REDLINE PLANS TO BE KEPT CURRENT TO JOB SITE PROGRESS. AT MINIMUM, THIS DOCUMENT SHALL BE UPDATED WEEKLY AND REDILY AVAILABLE FOR REVIEW AND REFERENCE.
5	COORDINATE ALL WORK WITH THE OWNER AND ALL OTHER CONTRACTORS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RIGGING, HANDLING, AND PROTECTION OF MATERIALS. PROVIDE LABOR TO RECEIVE UNLOAD, STORE, PROTECT, AND TRANSFER TO POINT OF INSTALLATION OF ANY OWNER-FURNISHED ITEMS.
6	IN CASES OF EQUIPMENT SUBSTITUTION, CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT ALL SYSTEMS AND COMPONENTS WILL FIT PROPERLY PRIOR TO FABRICATION OR ORDERING. INSTALLED DUCTS MAY BE RESIZED BY THE CONTRACTOR TO FIT FIELD CONDITIONS AS LONG AS THE INSTALLED DUCTS SHALL HAVE EQUAL FRICTION LOSS TO THOSE SHOWN. RECTANGULAR DUCTS SHALL NOT BE CHANGED TO ROUND DUCTS. PROVIDE COMPLETE SHEET METAL SHOP DRAWINGS TO ENGINEER SHOWING ACTUAL DUCT SIZES, ARRANGEMENTS, AND UNIT LOCATIONS TO BE INSTALLED. THIS SHALL BE DONE PRIOR TO FABRICATION OR INSTALLATION.
7	INSTALL ACOUSTIC TURNING VANES IN ELBOWS IN RECTANGULAR DUCTS 20" AND LARGER. INSTALL RADIUS TYPE ELBOWS IN RECTANGULAR DUCTS SMALLER THAN 20".
8	USE 45 DEGREE TAKE-OFF FITTINGS AT ALL ROUND SUPPLY BRANCH TAKE-OFFS. PROVIDE BALANCE DAMPERS AT ALL SUPPLY DUCT RUNOUTS TO GRILLES. LOCATE AS FAR AS POSSIBLE FROM GRILLES IN AN ACCESSIBLE LOCATION. PROVIDE ACCESS PANELS IN SOLID WALLS AND CEILINGS FOR BALANCING DAMPERS.
9	USE FLEX DUCTS FOR FINAL CONNECTION TO ALL CEILING DIFFUSERS, AND WHERE NECESSARY, SIDEWALL DIFFUSERS, AND LIMIT TO 6' MAX. LENGTHS.
10	PROVIDE A COMPLETE AND OPERATING MECHANICAL SYSTEM, INCLUDING ALL INCIDENTAL ITEMS AND CONNECTIONS NECESSARY FOR PROPER OPERATION OR CUSTOMARILY INCLUDED, EVEN THOUGH EACH AND EVERY ITEM MAY NOT BE INDICATED.
11	THE MECHANICAL INSTALLATION SHALL BE SAFE, RELIABLE, ENERGY EFFICIENT AND EASILY MAINTAINED WITH ADEQUATE PROVISIONS ALLOWED FOR ACCESS TO EQUIPMENT.
12	THE MECHANICAL SYSTEM SHALL OPERATE QUIETLY WITH NOISE LEVELS BELOW THE CRITERIA RECOMMENDED FOR THE APPLICATION BY ASHRAE. PROVIDE CORRECTIVE ACTION AS REQUIRED TO REDUCE OBJECTIONABLE NOISE OR VIBRATION.
13	UNDERCUT DOORS 3/4 INCH WHERE NO RETURN NOR EXHAUST GRILLE IS SHOWN TO ALLOW FOR AIR TRANSFER (DO NOT UNDERCUT FIREDOORS.)
14	REFER TO ARCH. PLANS AND DETAILS FOR EXACT LOCATION OF ALL WALL AND CEILING MOUNTED DEVICES. ADJUST LOCATION OF SIDEWALL DEVICES AS NECESSARY TO AVOID INTERFERENCE WITH MOLDING OR OTHER ELECTRICAL DEVICES.
15	WHERE CONDUIT, CABLES, DUCTWORK OR PIPING PASSES THROUGH FIRE-RATED FLOORS OR WALLS, THE SLEEVES SHALL BE COMPLETELY SEALED WITH A FIRE STOP MATERIAL THAT IS UL LISTED AND ACCEPTED BY LOCAL AUTHORITIES HAVING JURISDICTION (AHJ) AS BEING SUITABLE FOR THIS SERVICE SUCH AS DOWN CORNING CORP. SILICONE ELASTOMER, RTV FOAM, OR SIMILAR MATERIAL TO MAINTAIN FIRE RATING OF THE WALL OR FLOOR.
16	CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING AND BEAM PENETRATIONS AS IT RELATES TO HIS WORK.
17	CONTRACTOR SHALL NOT INSTALL ANY MAINTENANCE ITEMS ABOVE HARD CEILINGS. THIS SHALL INCLUDE VALVES, DAMPERS, OR ANY OTHER ITEMS THAT REQUIRE ACCESS AFTER CONSTRUCTION IS COMPLETED. IF INSTALLATION ABOVE A HARD CEILING OF THESE ITEMS CANNOT BE AVOIDED, THEN PROVIDE CEILING ACCESS DOORS EQUAL TO ACUDOR MODEL FW-505 WHERE REQUIRED. AT FIRE-RATED WALLS, USE EQUIVALENT OF ACUDOR MODEL FB-5060. MINIMUM SIZE SHALL BE 12"x12". USE 18"x18" WHEN PERSONNEL ACCESS IS REQUIRED.
18	PROVIDE AN INSULATED BACK ON ALL THERMOSTATS AND TEMPERATURE SENSORS THAT ARE MOUNTED ON CMU OR HOLLOW WALLS. PROVIDE SHALLOW DEVICE EXTENSION BOX BEHIND T-STATS AND SENSORS ON MASONRY WALLS IN COMMERCIAL / RETAIL SPACES.
19	PROVIDE FIRE DAMPERS AT ALL FIRE-RATED WALLS AND FLOOR PENETRATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE BARRIER WALLS AND CEILINGS.
20	IF A CENTRAL FIRE ALARM SYSTEM IS REQUIRED FOR THIS PROJECT, MECHANICAL CONTRACTOR SHALL INSTALL DUCT MOUNTED SMOKE DETECTORS PROVIDED BY FIRE ALARM CONTRACTOR. REFER TO ELECTRICAL NOTES FOR EXACT REQUIREMENTS. MECHANICAL CONTRACTOR SHALL IDENTIFY A SET OF TERMINALS FOR EQUIPMENT SHUTDOWN ON ALL FAN POWERED EQUIPMENT REQUIRING SHUTDOWN CONTROLS. FIRE ALARM CONTRACTOR SHALL WIRE FROM DUCT MOUNTED SMOKE DETECTOR TO SHUTDOWN TERMINALS TO SHUT DOWN FAN OPERATION WHEN SMOKE IS DETECTED.
21	AT PENETRATIONS THROUGH FIRE WALLS: ANY NON-METALLIC PIPE OR DUCT SHOULD BE EXTERNALLY SLEEVED WITH STEEL, FERROUS, OR COPPER MATERIALS, SECURELY FASTENED TO THE FIRE RATED ASSEMBLY, AND ANY SPACE BETWEEN THE SLEEVE AND THE ASSEMBLY PENETRATED SHALL BE PROTECTED USING MATERIAL THAT CONFORMS TO ASTM E 814 OR UL 1479, SUCH AS FIRE STOP FS-1900, OR FLAME STOPPER 5000.
22	REFER TO ELECTRICAL DRAWINGS FOR SMOKE DAMPER AND FIRE/SMOKE DAMPER DETAIL. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL DAMPERS WITH MOTORIZED ACTUATORS AND INSTALL SMOKE DETECTORS AND PROVIDE WIRING FOR FAN SHUTDOWN CONTROLS. COORDINATE WITH ELECTRICAL CONTRACTOR AND PROVIDE DAMPER ACTUATOR COMPATIBLE WITH ELECTRICAL WIRING PROVIDED. PROVIDE ANY WIRING OR COMPONENTS NOT PROVIDED BY THE ELECTRICAL CONTRACTOR THAT ARE REQUIRED TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.
27	ANY LINE VOLTAGE WIRING THAT IS RUN BY THE MECHANICAL CONTRACTOR SHALL BE INSTALLED IN ACCORDANCE WITH THE ELECTRICAL PLANS, NOTES, AND SPECIFICATIONS.



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DATE: 10-31-22
JOB: 22151
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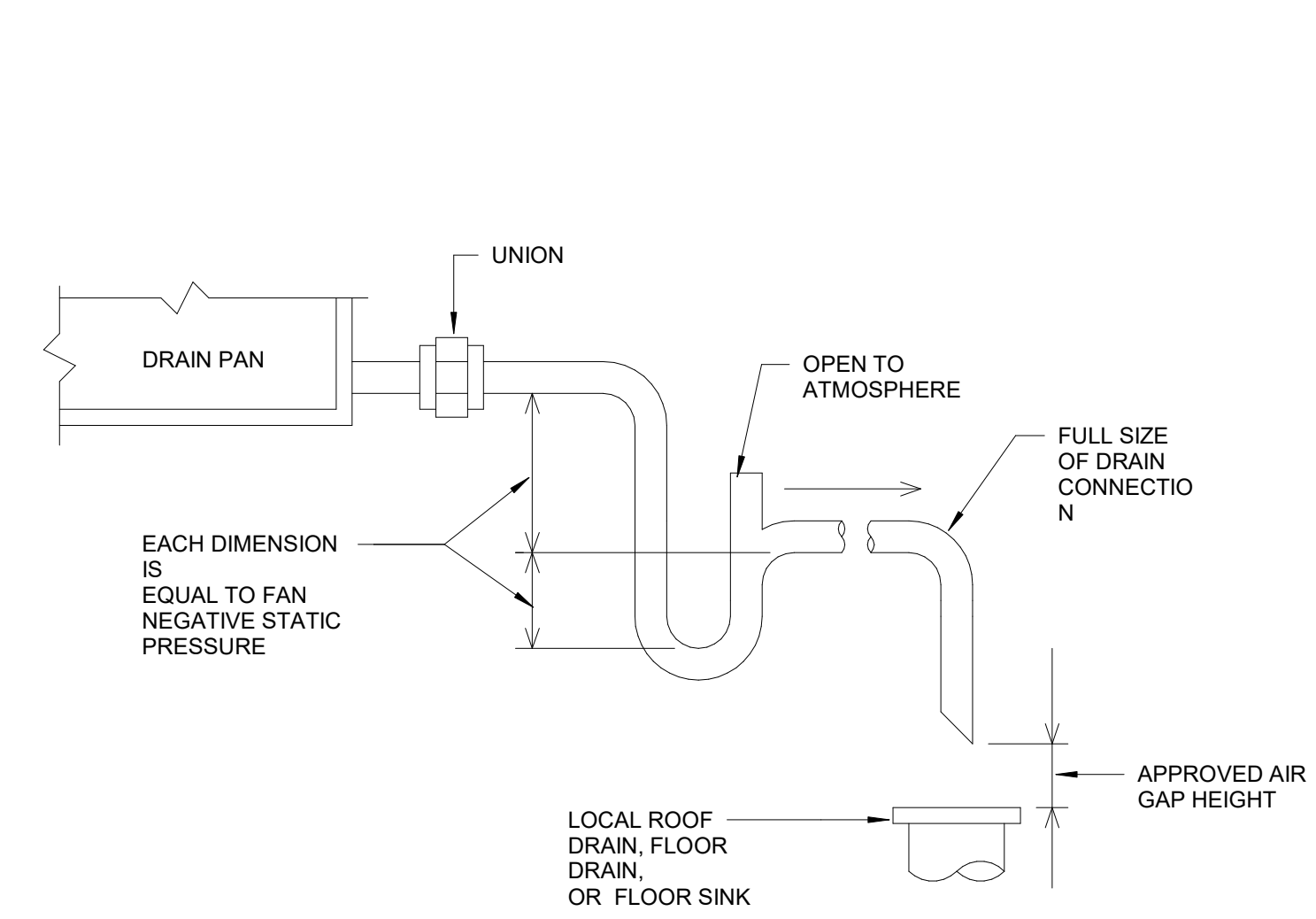
M1.0
MECHANICAL SCHEDULES AND NOTES

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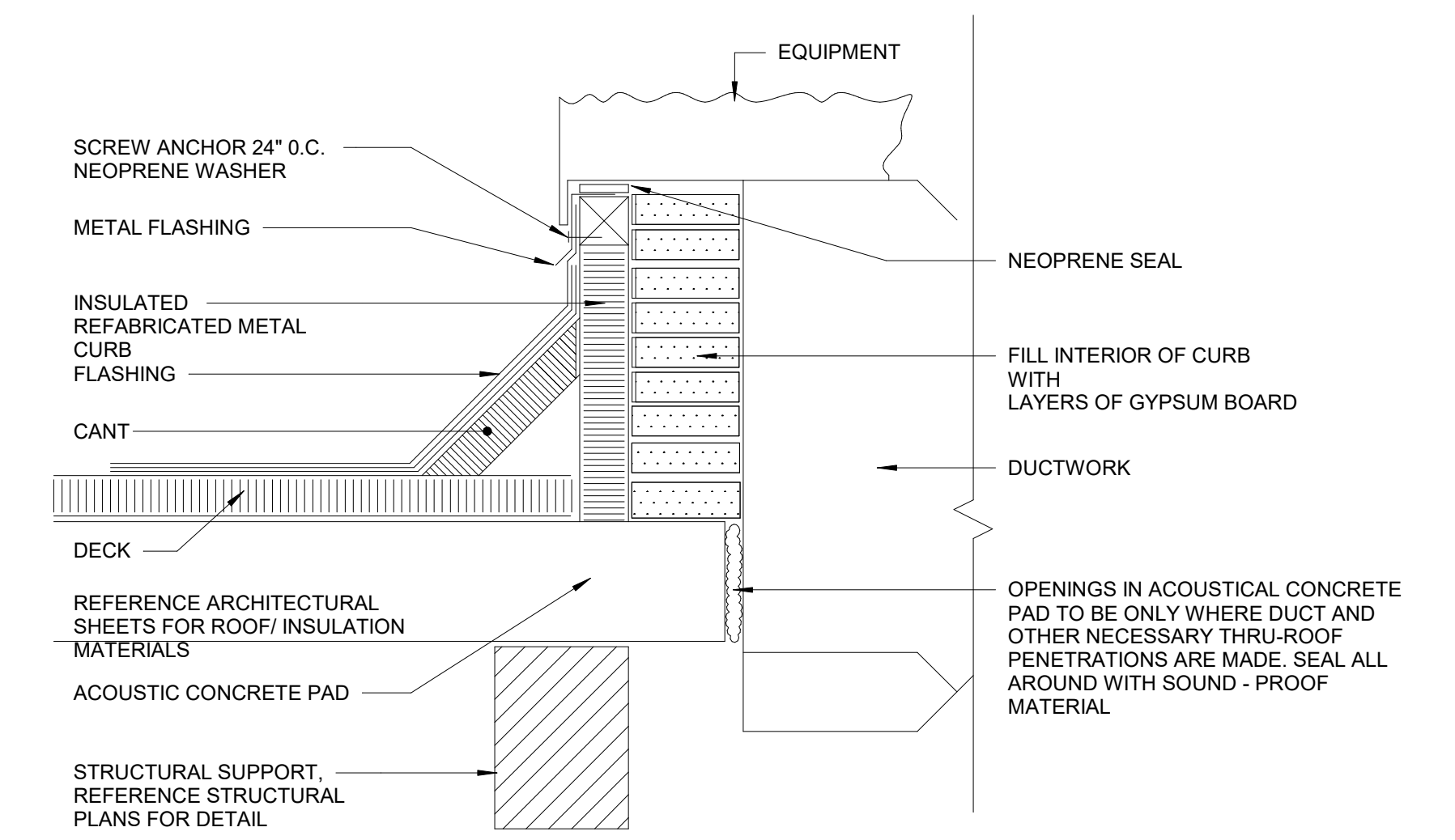


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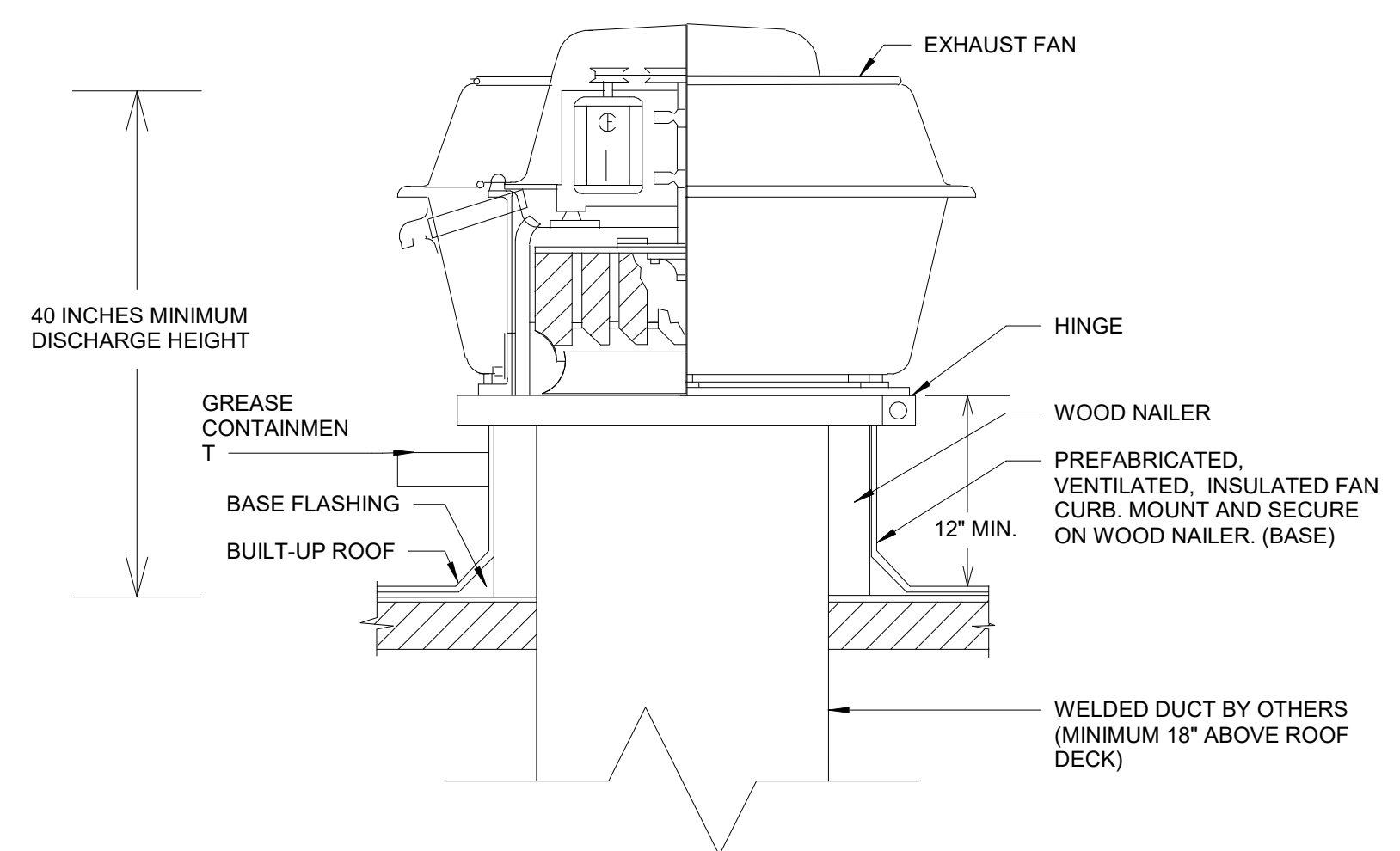
MECHANICAL LEGEND		
(T)	THERMOSTAT (MOUNTED AT 48" A.F.F.)	EXHAUST GRILLE (CEILING MOUNTED)
(S)	TEMPERATURE SENSOR (MOUNTED AT 48" A.F.F.)	SUPPLY DIFFUSER (CEILING MOUNTED)
(F)	REMOTE MANUAL PULL STATION (MOUNTED AT 48" A.F.F.)	RETURN GRILLE (CEILING MOUNTED)
(CO2)	CARBON DIOXIDE DETECTOR (MOUNTED AT 48" A.F.F.)	CD-2 225 CFM DIFFUSER CALLOUT TAG
(D)	DUCT MOUNTED SMOKE DETECTOR	MANUAL BALANCE DAMPER
(UCD)	WHERE SHOWN, UNDERCUT DOOR 1/2"	VERTICAL DUCT TAKE-OFF WITH BALANCE DAMPER
(AHU-1)	EQUIPMENT OR DEVICE TAG	SIDEWALL AIR DEVICE
CFM	STANDARD CUBIC FEET PER MINUTE	MOTORIZED 3-POSITION ACTUATOR EQUAL TO BELIMO MODEL 'LF24-SR-E'
FD	FIRE DAMPER	RECTANGULAR DUCT (FIRST DIMENSION, SIDE SHOWN)
FSD	COMBINATION FIRE/SMOKE DAMPER	16" ROUND DUCT
B.O.D.	BOTTOM OF DUCT	INTERNALLY LINED DUCT
B.O.B.	BOTTOM OF BEAM	AIR FLOW ARROW
A.F.F.	ABOVE FINISHED FLOOR	(ROUND) (RECTANGULAR) DUCT CONTINUATION SYMBOLS
(Symbol)	CONNECT TO EXISTING	C CONDENSATE PIPE R REFRIGERANT PIPE



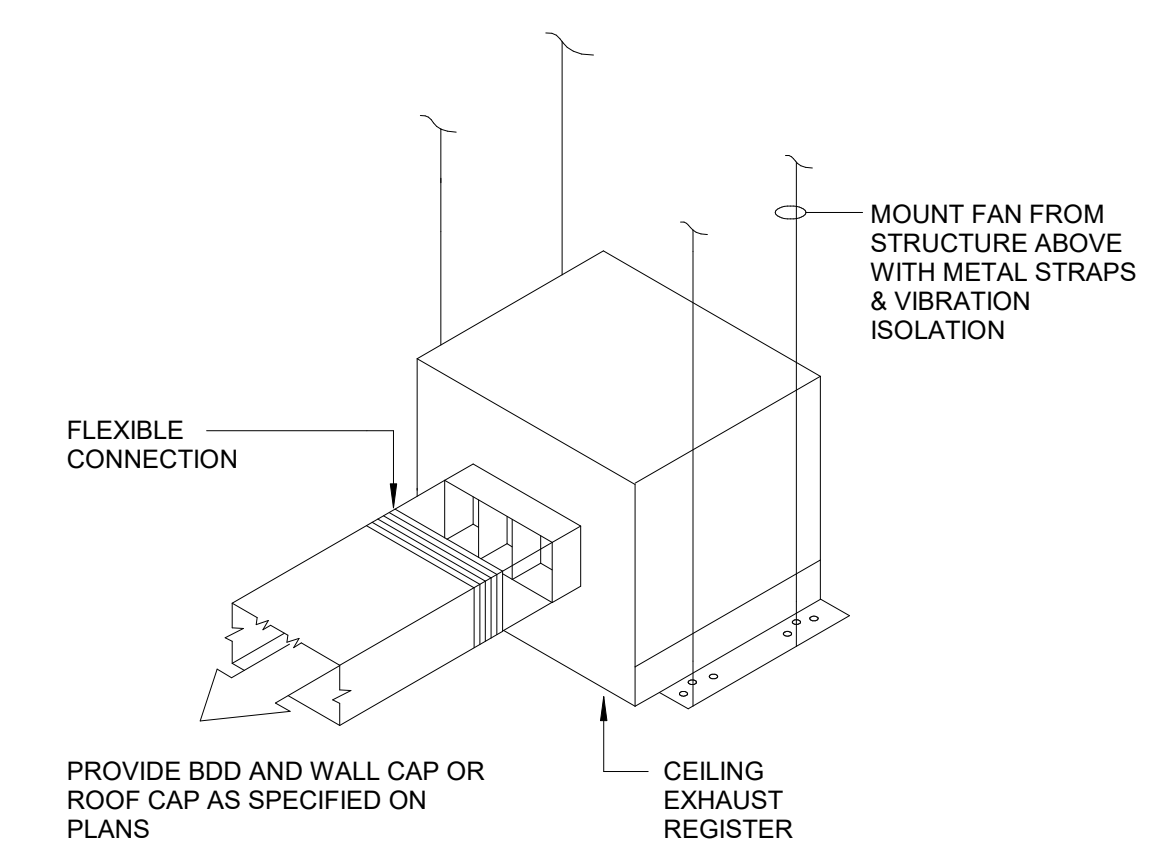
6 CONDENSATE DRAIN DETAIL
 SCALE: N.T.S.



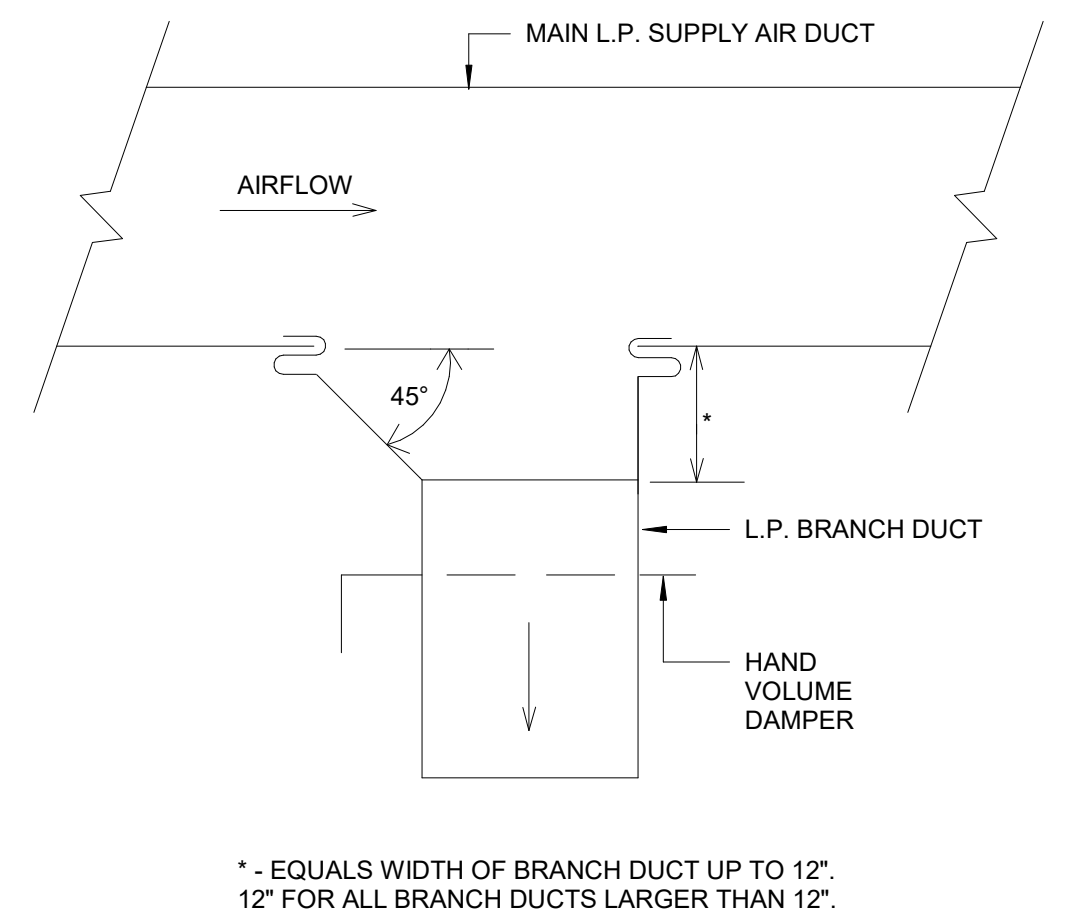
5 ROOF TOP EQUIPMENT CURB DETAIL
 SCALE: N.T.S.



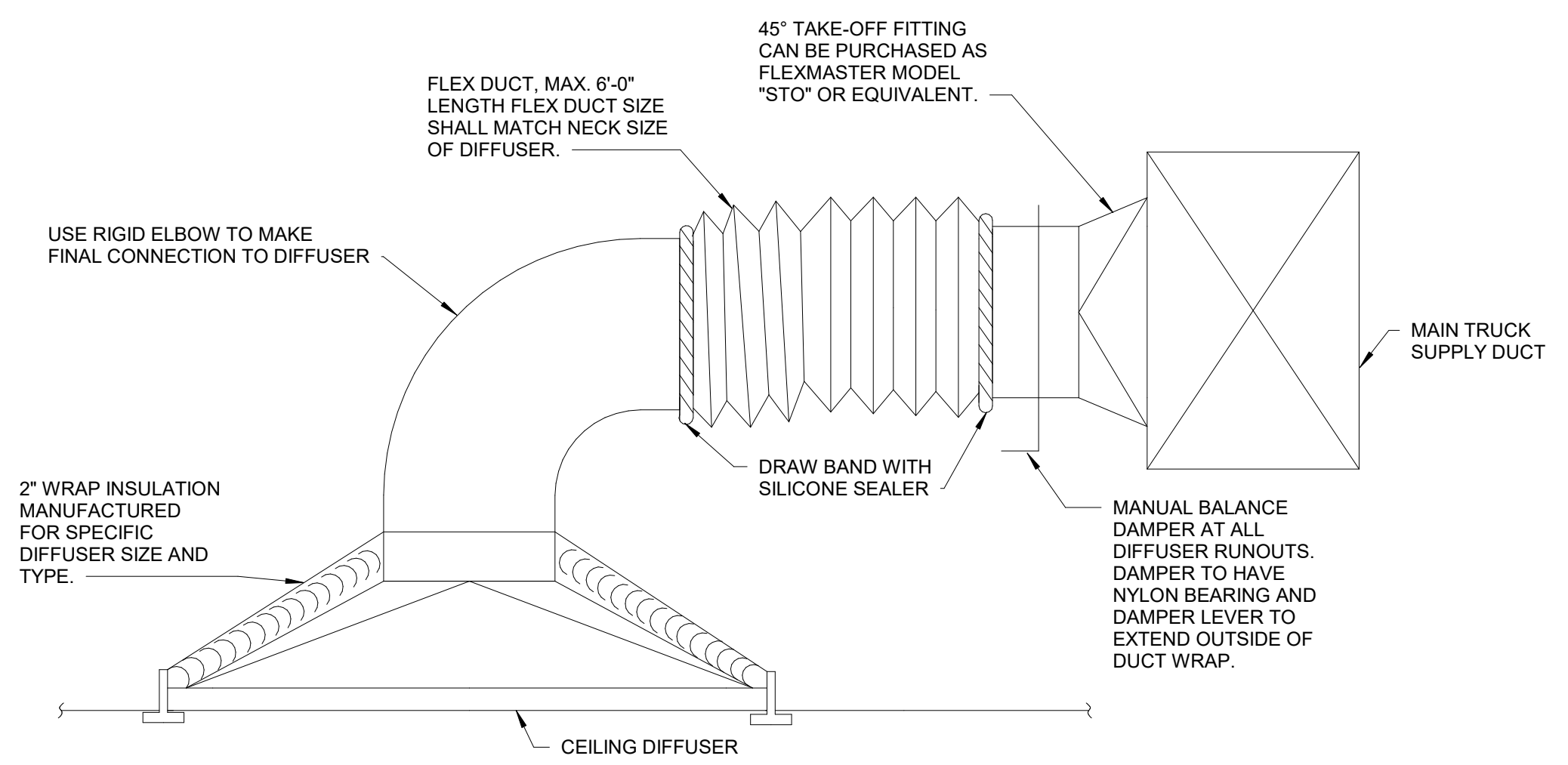
4 ROOF MOUNTED GREASE EXHAUST FAN
 SCALE: N.T.S.



3 CEILING EXHAUST FAN DETAIL
 SCALE: N.T.S.



2 TYPICAL SUPPLY AIR BRANCH DUCT TAKE-OFF
 SCALE: N.T.S.



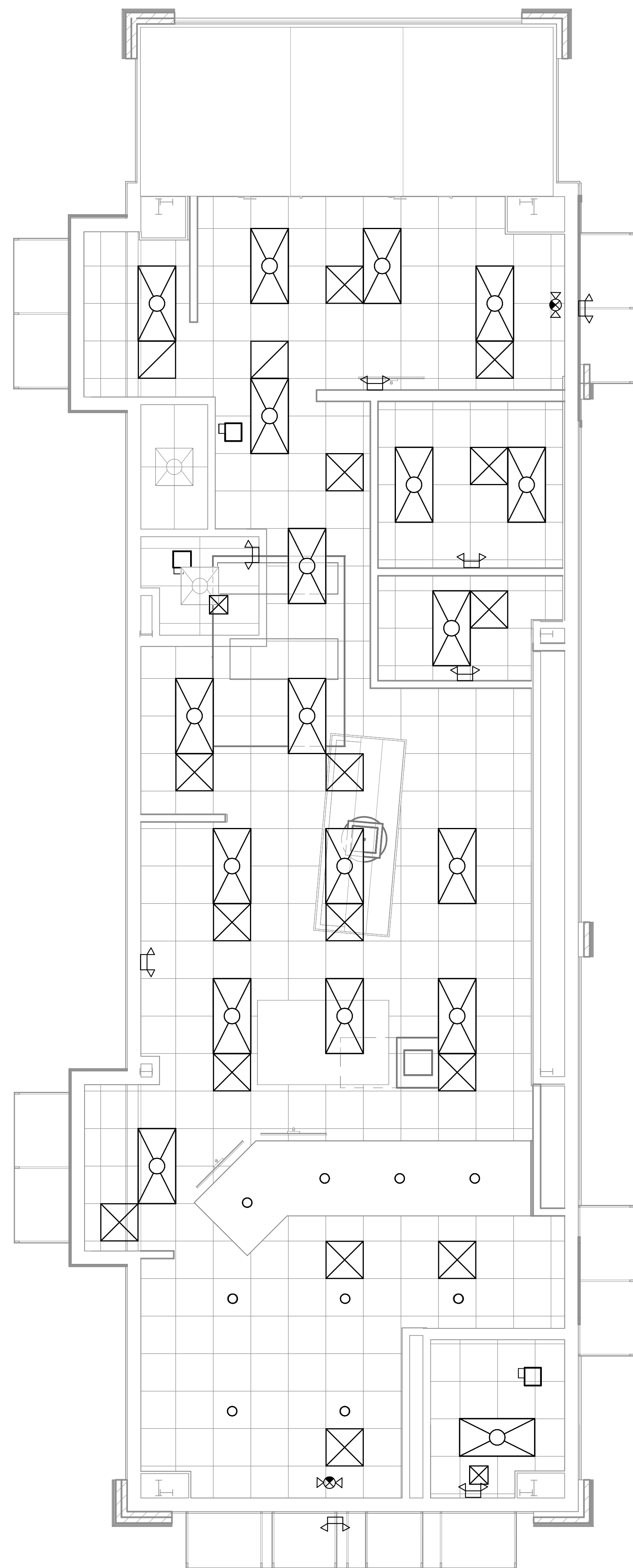
1 TYPICAL DIFFUSER CONNECTION WITH INSULATION
 SCALE: N.T.S.

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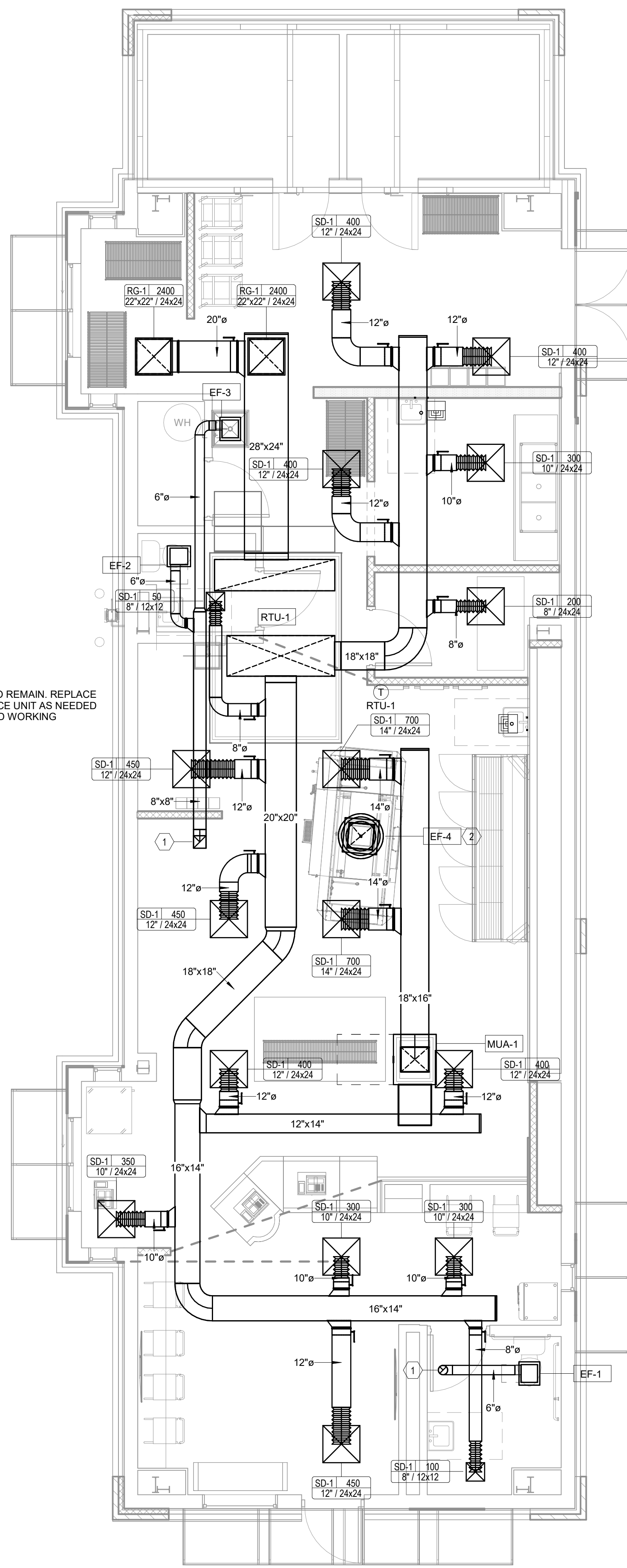
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M1.1
 MECHANICAL LEGEND AND DETAILS



2 MECHANICAL REFLECTED CEILING PLAN
1/4" = 1'-0"



EXISTING 12.5 TON RTU-1 TO REMAIN. REPLACE BELTS, FILTERS AND SERVICE UNIT AS NEEDED TO ENSURE UNIT IS IN GOOD WORKING CONDITION.

1 HVAC PLAN
1/4" = 1'-0"

KEYNOTES	
1	EXHAUST DUCT UP TO GREENHECK MODEL "GR" ROOF CAP. PROVIDE BACKDRAFT DAMPERS FOR EXHAUST FANS.
2	NEW EF-4 SIZED FOR AVI HOOD MODEL 3270 ONLY. PROVIDE ROOF CURB WITH VENTILATED CURB EXTENSION. CONNECT TO OWNER PROVIDED KITCHEN HOOD.

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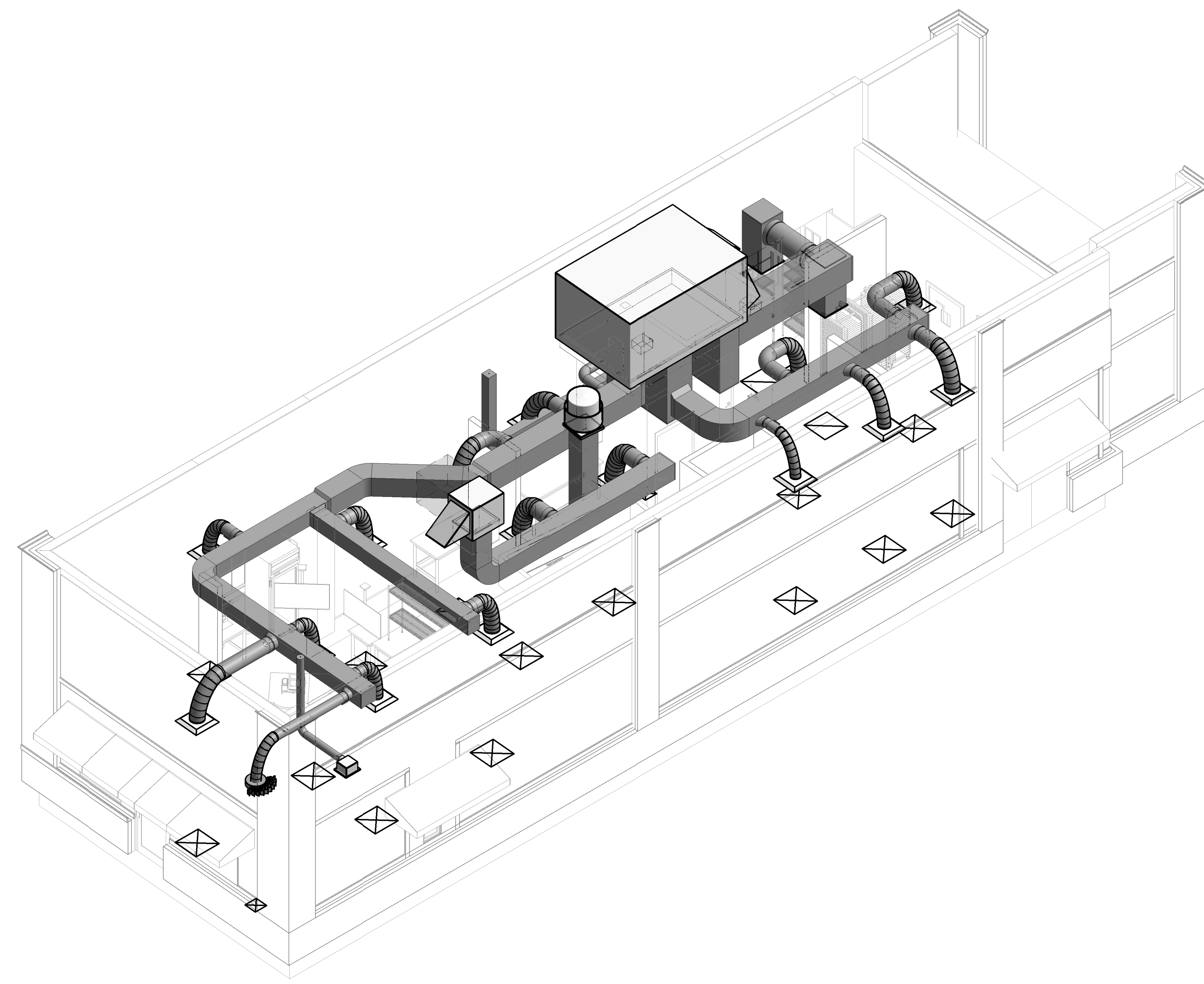
M2.0
MECHANICAL PLANS

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1 MECHANICAL AXONOMETRICS PLAN

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 MECHANICAL AXONOMETRIC PLAN

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GENERAL POWER NOTES	
1	ALL RECEPTACLES SHALL BE GROUNDING TYPE.
2	ALL RECEPTACLES INSTALLED IN BATHROOMS, OUTDOORS AND KITCHENS SHALL HAVE GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION AS REQUIRED BY THE NATIONAL ELECTRIC CODE.
3	COORDINATE MECHANICAL EQUIPMENT CONNECTION REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. LOCATE FEEDERS, DISCONNECTS AND MAINTENANCE RECEPTACLES SO THAT THEY WILL NOT INTERFERE WITH OPERATION OR MAINTENANCE OF MECHANICAL EQUIPMENT.
4	PROVIDE POWER TO MECHANICAL, PLUMBING, AND ALL OTHER EQUIPMENT AS REQUIRED FOR PROPER OPERATION. COORDINATE AND VERIFY EACH PIECE OF EQUIPMENTS POWER/CONTROL REQUIRMENTS PRIOR TO ORDERING RELATED ELECTRICAL EQUIPMENT. REFER TO RELATED MECHANICAL, PLUMBING, AND OTHER RELATED DOCUMENTS FOR LOCATIONS OF EQUIPMENT AND REQUIRED CLEARANCES AROUND EQUIPMENT.
5	COORDINATE EXACT MOUNTING HEIGHT OF EACH ABOVE COUNTER RECEPTACLE WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
6	ALL OUTLETS LOCATED IN AREAS REQUIRING GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION PER NEC-210 SHALL CONSIST OF A GFCI PROTECTED DEVICE, EVEN IF NOT SPECIFICALLY INDICATED IN THE DRAWINGS. THE GROUND-FAULT CIRCUIT INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AS DEFINED IN THE NEC. ALL RECEPTACLES SUPPLIED THROUGH A GROUND-FAULT CIRCUIT INTERRUPTER SHALL BE MARKED "GFCI PROTECTED."
7	COORDINATE EXACT LOCATION OF ALL FLOOR BOXES WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN. VERIFY EACH TYPE OF FLOOR BOX WITH INTENDED USE AND INSTALLATION. COORDINATE THIS WITH THE CONSTRUCTION OF FLOOR TYPE TO BE INSTALLED IN PRIOR TO ROUGH-IN SO AS TO ENSURE A CLEAN AND PROPER INSTALLATION. FOR INSTALLATIONS IN CONCRETE SLAB WITH OVERLAY OF CARPET, WOOD, AND/OR OTHER SIMILAR MATERIALS, LEAVE A 48"x48" BLOCK OUT WHEN FLOOR IS POURED SO THAT FINAL LOCATION OF FLOOR BOX MAY BE DETERMINED IN THE FIELD.
8	PROVIDE TAMPER RESISTANT RECEPTACLES AS REQUIRED BY THE 2014 NEC. PROVIDE AFCI PROTECTION AND COMBINATION-TYPE ARC/GFI PROTECTION AS REQUIRED BY 2014 NEC INCLUDING KITCHEN AND LAUNDRY AREAS.

GENERAL LIGHTING NOTES	
1	WHERE RECESSED LIGHTING FIXTURES ARE INDICATED IN A FIRE RATED CEILING, PROVIDE A ONE HOUR RATED "TENT" FOR FIXTURE
2	PROVIDE ALL MOUNTING AND SUPPORT HARDWARE FOR LIGHT FIXTURES TO MEET SPECIFIED MOUNTING HEIGHTS, REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF FIXTURES.
3	CONNECT "UN-SWITCHED" HOT CONDUCTOR FROM CIRCUIT SERVING SPACE LIGHTING TO EACH EXIT SIGN, EMERGENCY LIGHT, AND ANY FIXTURE DESIGNATED AS NIGHT LIGHT SERVING THE SPACE.
4	COORDINATE ALL DEVICES AND WALL-MOUNTED LIGHT FIXTURE LOCATIONS WITH THE ARCHITECTURAL WALL FINISHES AND ELEVATIONS. SPECIAL ATTENTION AND COORDINATION OF WALL TYPES AND FINISHES IS REQUIRED PRIOR TO ROUGH-IN. EXACT LOCATION OF DEVICES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO ROUGH-IN TO AVOID INSTALLATION ON SPECIAL ARCHITECTURAL WALL FINISHES. DEVICES NOT PROPERLY COORDINATED WITH THE SPECIAL WALL FINISHES INDICATED IN THE CONSTRUCTION DOCUMENTS PRIOR TO ROUGH-IN SHALL BE RELOCATED AT NO ADDITIONAL COST TO THE OWNER.
5	ELECTRICAL CONTRACTOR SHALL VERIFY CHEVRON DIRECTIONS OF ALL EXIT SIGNS PRIOR TO ORDERING.
6	FOR BATTERY FED EMERGENCY LIGHTS: PROVIDE EMERGENCY BALLAST. PROVIDE "HOT" WIRE TO EMERGENCY BALLAST. SWITCH FIXTURE AS INDICATED ON PLANS.
7	COORDINATE AND PROVIDE DIMMER SWITCHES RATED FOR AND COMPATIBLE WITH INTENDED LIGHT FIXTURE(S) TO BE CONTROLLED. CIRCUITS CONTROLLED WITH LINE-VOLTAGE DIMMER SWITCHES SHALL NOT SHARE NEUTRAL CONDUCTORS.

GENERAL LOW VOLTAGE NOTES	
1	PROVIDE 4"WIDE X 4"TALL X 3/4" FIRE RATED, PAINTED CDX PLYWOOD BACKBOARD WHERE SHOWN ON DRAWINGS OR AS REQUIRED FOR TELEPHONE, CATV, ALARM SYSTEM EQUIPMENT, ECT. COORDINATE EXACT LOCATION(S) WITH RESPONSIBLE CONTRACTOR(S).
2	PROVIDE (1) 1/2" CONDUIT, AND 4" SQUARE BOX WITH SINGLE GANG DEVICE RING FOR ALL THERMOSTAT LOCATIONS INDICATED ON THE MECHANICAL DRAWINGS. ROUTE CONDUIT FROM BOX TO ACCESSIBLE CEILING CAVITY. PROVIDE PLASTIC BUSHINGS ON EXPOSED CONDUIT ENDS. PROVIDE PULL STRING IN ALL EMPTY CONDUIT SYSTEMS. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
3	PROVIDE CABLE HOOKS ABOVE CEILING ON 8' CENTERS IN ALL CORRIDORS. MOUNT 6 INCHES ABOVE CEILING.
4	PROVIDE ROUGH-IN OF ALL BACK BOXES, CONDUITS (WITH BUSHINGS AND PULL STRINGS) AND OTHER WIRE WAYS AS REQUIRED FOR LOW VOLTAGE SYSTEMS, COORDINATE ALL REQUIRED LOCATIONS WITH OWNER AND RESPONSIBLE CONTRACTOR(S).
5	FURNISH AND INSTALL A TELEPHONE SERVICE CONDUIT(S) PER TELEPHONE SERVICE PROVIDER SPECIFICATIONS. STUB UP AT DESIGNATED EQUIPMENT BOARD.
6	FURNISH AND INSTALL ONE #6 COPPER INSULATED GROUND WIRE FROM THE ELECTRICAL SERVICE GROUND TO THE TELEPHONE EQUIPMENT BOARD. LEAVE 36" EXTRA WIRE AT FREE END.
7	FURNISH AND INSTALL A CABLE TV SERVICE PER CABLE TV PROVIDER SPECIFICATIONS. STUB UP AT DESIGNATED LOCATION.
8	PROVIDE BACK BOX AND CONDUIT TO ABOVE THE ACCESSIBLE CEILING AS REQUIRED FOR THE HVAC BUILDING AUTOMATION SYSTEM DEVICES. COORDINATE EXACT LOCATIONS AND OTHER REQUIREMENTS WITH RELATIVE MEP DRAWINGS AND THE CONTROLS CONTRACTOR PRIOR TO ROUGH-IN. THERMOSTATS, TEMPERATURE SENSORS, STATIC PRESSURE SENSORS, HUMIDISTATS, ETC. SHALL BE INSTALLED AT THE SAME ELEVATION AS THE LIGHT SWITCHES UNLESS REQUIRED OTHERWISE.

GENERAL ELECTRICAL NOTES	
1	DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. REVIEW ALL GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS.
2	SPECIAL ATTENTION SHALL BE GIVEN TO ALL RACEWAYS WITHIN FINISHED AREAS WITHOUT CEILINGS AND EXPOSED TO STRUCTURE. IN GENERAL, ALL RACEWAYS SHALL BE CONCEALED WITHIN WALLS, ABOVE STRUCTURE FINISH, OR BELOW FLOOR SLABS WHEN SPECIFIED. WHERE EXPOSED CONDITIONS ARE NECESSARY OR UNAVOIDABLE DUE TO OTHER CONDITIONS, THE BID SHALL INCLUDE ANY REASONABLE MEANS TO MINIMIZE THE AMOUNT OF SURFACE MOUNTED EQUIPMENT. PRIOR TO ROUGH-IN, COORDINATE ALL EXPOSED RACEWAY AND BOX CONDITIONS WITH ARCHITECT PRIOR TO CONSTRUCTION OF WALLS, ROOF DECK, OR FLOOR SLABS. ATTACHMENT TO ROOF DECK OR JOIST WEBBINGS IS NOT ALLOWED. MAINTAIN A MINIMUM SPACING OF 1-1/2" FROM CONDUIT TO ROOF DECK. IN AREAS WHERE EXPOSED RACEWAYS ARE REQUIRED, INSTALL SYSTEMS SQUARE AND TIGHT TO STRUCTURE AND PAINT TO MATCH THE STRUCTURE PER ARCHITECT AND/OR OWNER SPECIFICATIONS. FAILURE TO PROPERLY COORDINATE THE ROUTING OF EXPOSED RACEWAYS MAY RESULT IN RELOCATION OF SUCH RACEWAYS AT NO ADDITIONAL COST TO THE OWNER.
3	OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE-RESISTANT RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRE STOPPED USING APPROVED METHODS TO MAINTAIN THE FIRE RESISTANCE RATING. PROVIDE PENETRATION FIRE STOPPING WITH RATINGS DETERMINED PER ASTM E 814 OR UL 1479. FIRE STOPPING SHALL NOT BE LESS THAN FIRE RESISTANCE RATING OF CONSTRUCTED PENETRATIONS.
4	FIELD MOUNTED DEVICES SUCH AS SWITCHES, MOTOR STARTERS, RECEPTACLES, ETC., ARE SHOWN IN THEIR APPROXIMATE LOCATION. SWITCH MOUNTING HEIGHT SHALL BE 48" ABOVE FINISHED FLOOR AND RECEPTACLE MOUNTING HEIGHT SHALL BE 18" ABOVE FINISHED FLOOR UNO. REFER TO THE TYPICAL MOUNTING HEIGHT DETAIL.
5	INSTALL EQUIPMENT IN A MANNER TO REMAIN ACCESSIBLE WITH REASONABLE MEANS BY THE OWNER FOLLOWING COMPLETION OF WORK. SPECIAL ATTENTION AND ADDITIONAL COORDINATION IS EXPECTED IN AREAS OF THE BUILDING WHERE THE CEILING AND STRUCTURE HEIGHTS HAVE SIGNIFICANT DIFFERENT ELEVATIONS. EQUIPMENT REQUIRING POSSIBLE FUTURE ACCESS SHALL BE INSTALLED SUCH THAT IT MAY BE SAFELY ACCESSED FROM A STANDARD STEP LADDER OR PERSONNEL LIFT SUITABLE FOR THE LOCATION AND CEILING HEIGHT, WITHOUT REMOVING OR DAMAGING THE CEILING GRID STRUCTURE.
6	COORDINATE ALL CEILING MOUNTED ELECTRICAL ITEMS WITH OTHER DISCIPLINES, WITH CEILING, AND STRUCTURE. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.
7	FIELD VERIFY LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT, INCLUDING POWER POLES, TELEPHONE PEDESTALS, OVERHEAD AND UNDERGROUND FEEDERS, METERS, PANELS, DEVICES, ETC. PROVIDE FOR COORDINATION WITH EXISTING EQUIPMENT.
8	ROOM NAMES/NUMBERS SHOWN IN PANELBOARD SCHEDULES ARE PER ARCHITECTURAL FLOOR PLANS. CONTRACTOR SHALL PROVIDE FINALIZED PANEL BOARD SCHEDULES AT COMPLETION OF PROJECT WITH OWNER PROVIDED ROOM NAMES/NUMBERS.
9	CONDUCTORS FOR BRANCH CIRCUITS AS DEFINED IN ARTICLE 100, SHALL BE SIZED TO PREVENT A VOLTAGE DROP EXCEEDING 3% AT THE FARTHEST LOAD, AND WHERE THE MAXIMUM TOTAL VOLTAGE DROP ON BOTH FEEDERS AND BRANCH CIRCUITS TO THE FARTHEST LOAD DOES NOT EXCEED 5%.
10	ALL WORK IS TO BE PERFORMED IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE, STATE LAWS, ALL AUTHORITIES HAVING JURISDICTION, AND ALL OTHER REGULATIONS GOVERNING WORK OF THIS NATURE.
11	THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK, MATERIAL, AND LABOR TO SATISFY A COMPLETE AND WORKING SYSTEM WHETHER SPECIFIED OR IMPLIED.
12	CONTRACTOR TO CONFIRM EXACT LOCATION OF EXISTING AND NEW EQUIPMENT.
13	THE CONTRACTOR SHALL FURNISH AND INSTALL ALL GROUNDING SYSTEMS (AS REQUIRED) IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
14	ALL ELECTRIC MATERIALS AND EQUIPMENT FOR THE PROJECT SHALL BE NEW AND U.L. OR EQUALLY LISTED.
15	SUBMIT TO THE OWNER CERTIFICATES OF INSPECTIONS IN DUPLICATE FROM AN APPROVED INSPECTION AGENCY UPON COMPLETION.
16	THE CONTRACTOR SHALL SECURE ALL PERMITS OR APPLICATIONS AND PAY ANY AND ALL FEES AS REQUIRED.
17	THE CONTRACTOR SHALL FURNISH ALL INSTRUMENTS AND QUALIFIED PERSONNEL OR FIRM TO PERFORM ALL REQUIRED TESTS.

GENERAL ELECTRICAL NOTES	
18	NO EQUIPMENT SHALL BE ENERGIZED UNTIL ALL TEST AND ADJUSTMENTS HAVE BEEN MADE. THREE COPIES OF ALL TEST RESULTS SHALL BE DELIVERED TO THE OWNER.
19	ALL ELECTRICAL WORK SHALL BE COORDINATED WITH THE MECHANICAL WORK AS CALLED FOR IN MECHANICAL SPECIFICATIONS AND PLANS.
20	JUNCTION BOXES LOCATED ABOVE GRID CEILINGS SHALL BE LOCATED NO GREATER THAN 4-FEET ABOVE THE CEILING IN A LOCATION ACCESSIBLE VIA A LADDER FROM THE ROOM BELOW.
21	ALL WIRING DEVICE COVERPLATES SHALL INDICATE PANELBOARD AND CIRCUIT SERVING THE DEVICE. UTILIZE CLEAR VINYL (BLACK LETTERING) IDENTIFICATION LABELS MANUFACTURED BY 3M COMPANY (OR APPROVED EQUIVALENT).
22	THE TYPE OF CONDUIT SHALL BE AS FOLLOWS FOR ALL FEEDERS AND DISTRIBUTION CIRCUITS, UNLESS OTHERWISE SPECIFIED. APPLICATION - TYPE OF CONDUIT BURIED IN CONCRETE OR OUTDOORS - PVC WITH RIGID GALVANIZED STEEL ELBOWS SERVICE ENTRANCE - GALVANIZED RIGID STEEL OR SERVICE UTILITY SPECIFICATIONS.
23	UNLESS NOTED OTHERWISE PROVIDE MINIMUM #8 AWG CONDUCTORS IN 1" CONDUIT(S) FOR ALL UNDERGROUND SITE POWER AND LIGHTING CIRCUITS. INCREASE CONDUCTOR AND RELATED CONDUIT SIZE AS NOTED OR OTHERWISE REQUIRED TO LIMIT VOLTAGE DROP TO LESS THAN 5% FOR THE ENTIRE LENGTH OF SYSTEM.
24	UNDERGROUND UTILITIES/FEEDERS/BRANCH CIRCUITS/ETC. SHALL NOT BE ROUTED THROUGH OR WITHIN 25 FEET OF ANY AREAS DEDICATED FOR FUTURE BUILDING ADDITION.
25	DESIGNATED SPARE CIRCUIT BREAKERS SHALL BE PLACED IN THE OFF POSITION
26	PROVIDE SPD AS REQUIRED FOR OWNER PROVIDED EQUIPMENT, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ACCESS CONTROL SYSTEM, COMMUNICATION SYSTEM, DATA SYSTEM, SECURITY SYSTEM.

EXISTING ELECTRICAL AND DEMOLITION NOTES	
1	PRIOR TO SUBMITTING BID, VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS OF THE FACILITY AND RELATED SITE. REVIEW THE GENERAL NOTES AND ALL OTHER TRADE DRAWINGS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT, ENGINEER OR OWNER, AS SPECIFIED, OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMITTING BID.
2	ANY EXISTING CONDITIONS REFLECTED WERE TAKEN FROM ORIGINAL DRAWINGS AND SITE VISITS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. FIELD VERIFY ALL EXISTING CONDITIONS AND CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.
3	PROVIDE ALL DEMOLITION OF EXISTING ELECTRICAL SYSTEMS AND NEW ELECTRICAL SYSTEM MODIFICATIONS REQUIRED BECAUSE OF BUILDING REMODELING, AS NOTED ON THE DRAWINGS, OR NECESSARY FOR PROPER OPERATION AND NEW CONSTRUCTION. REMOVE ALL ABANDONED CABLES AND WIRING ABOVE ACCESSIBLE CEILINGS AND VENTILATION SHAFTS.
4	COORDINATE INTERRUPTION OF ALL BUILDING SERVICES INCLUDING BUT NOT LIMITED TO BRANCH CIRCUITS, DATA, TELEPHONE, ETC WITH BUILDING OWNER PRIOR TO INTERRUPTION. PROVIDE LABOR AND MATERIALS AS REQUIRED TO REDUCE INTERRUPTIONS IN ORDER TO MAINTAIN EXISTING OPERATION.
5	PAY SPECIAL ATTENTION NOT TO DAMAGE THE FINISH OF EXISTING WALLS AND CEILINGS THAT ARE TO REMAIN WHEN REMOVING OR REPLACING LIGHT FIXTURES AND OTHER ELECTRICAL DEVICES. REPAIR ANY DAMAGE CAUSED DURING WORK AT NO EXTRA COST TO THE OWNER. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
6	RELOCATE ALL EXISTING ELECTRICAL, FIRE ALARM, AND OTHER LOW-VOLTAGE SYSTEMS REQUIRED TO BE IN OPERATION AT SUBSTANTIAL COMPLETION OF THE CONTRACT, IF REQUIRED, AS A RESULT OF WORK INCLUDED UNDER THIS CONTRACT, EVEN IF NOT SPECIFICALLY INDICATED IN THE DRAWINGS OR SPECIFICATIONS.
7	SEAL ALL PENETRATIONS THROUGH FLOORS, WALLS, CEILINGS, AND ROOF WHERE ELECTRICAL COMPONENTS ARE REMOVED AND WHERE THE EXISTING PENETRATION IS NOT USED FOR THE NEW INSTALLATION. REPAIR DAMAGED SURFACES TO MATCH ADJACENT AREAS OR AS DIRECTED BY THE OWNER.
8	UNLESS NOTED OTHERWISE, ABANDONED CONDUIT ASSEMBLIES SERVING DEMOLISHED DEVICES SHALL BE REMOVED BACK TO NEAREST JUNCTION BOX OUTSIDE OF AREA OF DEMOLITION AND LABELED AS REQUIRED FOR FUTURE USE. ASSOCIATED WIRING SHALL BE REMOVED BACK TO SERVING PANELBOARD. UPDATE PANELBOARD CIRCUIT DIRECTORY AS REQUIRED TO INDICATE RELATED CIRCUIT(S) AS "SPARE".
9	ANY PANELBOARD CIRCUIT DISCRPTIONS SHOWN AS "existing" OR IN OTHER LOWER CASE LETTERING IS INTENDED TO REFLECT AN EXISTING CIRCUIT TO REMAIN UNLESS OTHERWISE IDENTIFIED DIFFERENTLY THRU THE COURSE OF CONSTRUCTION.
10	ALL CIRCUIT BREAKERS SERVING BRANCH CIRCUITS TO BE REMOVED SHALL REMAIN IN RESPECTIVE PANELBOARD FOR FUTURE USE UNLESS NOTED OTHERWISE.
11	EXISTING DEVICES ARE SHOWN LIGHT. NEW DEVICES ARE SHOWN BOLD.

ABBREVIATIONS			
AC	ABOVE COUNTER	IG	ISOLATED GROUND
AFF	ABOVE FINISHED FLOOR	MCC	MOTOR CONTROL CENTER
CB	CIRCUIT BREAKER	NEC	NATIONAL ELECTRICAL CODE
E	EXISTING	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
EC	ELECTRICAL CONTRACTOR	NIC	NOT IN CONTRACT
EP	EXPLOSION PROOF	NL	NIGHT LIGHT
GFI	GROUND FAULT CIRCUIT INTERRUPTER	UG	UNDERGROUND
GR	GROUND	UN	UNLESS OTHERWISE NOTED
HP	HORSE POWER	WP	WEATHERPROOF
		WR	WEATHER RESISTANT

WIRING	
	WIRING CONCEALED IN CEILING OR WALLS UNO. ALL WIRE IS NUMBER #12 AWG MINIMUM.
	EXPOSED RACEWAY.
	UNDERGROUND RACEWAY: TYPE, SIZE, CONDUCTORS, AND ARRANGEMENT BY NOTATION OR SCHEDULE.

SWITCHES	
*S	SWITCH MOUNTED AT +48". SINGLE POLE UNO. LOWER CASE LETTER, WHEN PRESENT, INDICATES FIXTURES CONTROLLED.
* ABBREVIATIONS FOR SWITCH	
2	DOUBLE POLE SWITCH
3	3-WAY SWITCH
4	4-WAY SWITCH
D	DIMMER SWITCH (SHALL BE COMPATIBLE WITH FIXTURE BEING DIMMED)
F	FAN SWITCH: DUAL OPERATION WITH DIMMER
K	KEYED SWITCH
M	MOTOR RATED SWITCH
OS	DUAL TECHNOLOGY OCCUPANCY SENSOR
V	VOLUME CONTROL SWITCH
◇ OS	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH SPARE DRY CONTACTS. HUBBELL OMNIDIAPR SERIES

RECEPTACLES	
	DUPLX RECEPTACLE (NEMA 5-20R)
	DUPLX RECEPTACLE (NEMA 5-20R); MOUNTED 8" ABOVE COUNTERTOP.
	(ALL RECEPTACLE TYPES) WITH USB CHARGING PORTS
	GFI DUPLX RECEPTACLE (NEMA 5-20R); SELF-TEST TYPE
	GFI DUPLX RECEPTACLE (NEMA 5-20R); SELF-TEST TYPE; MOUNTED 8" ABOVE COUNTERTOP.
	QUADRUPLEX RECEPTACLE (TWO NEMA 5-20R)
	SPECIAL RECEPTACLE: VERIFY NEMA TYPE WITH MANUFACTURER
	TELEVISION: PROVIDE HUBBELL NSAV62M JUNCTION BOX (OR EQUAL) WITH 1/2" CONDUIT FOR POWER AND 1" CONDUIT (WITH PULL STRINGS) FOR A/V ROUTED TO ACCESSIBLE CEILING SPACE. PROVIDE CONNECTIONS FOR POWER, DATA, COAX, AND HDMI. MOUNT AT +60" AFF UNO. CONFIRM HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
	SINGLE RECEPTACLE (NEMA 5-20R)
	SPLIT WIRED DUPLX RECEPTACLE (NEMA 5-20R)
	DIRECT EQUIPMENT CONNECTION: VERIFY CONNECTION DETAILS WITH MANUFACTURER
	FLOOR BOX: HUBBEL 3SFBS WITH 3SFBC COVER. ON FLOOR LEVELS WITH ACCESSIBLE SPACE BELOW. USE POKE-THRU STYLE FLOOR BOXES: HUBBELL PT2X2 SERIES. SEE ARCHITECTURAL PLANS FOR LOCATION UNO.
	CEILING MOUNTED RECEPTACLE(NEMA 5-20R)

PANELS AND MISC.	
	LIGHT OR POWER PANEL
	4x4 JUNCTION BOX.
	EQUIPMENT DISCONNECT: INTERIOR DISCONNECTS SHALL BE NEMA 1 TYPE. EXTERIOR DISCONNECTS SHALL BE NEMA 3R TYPE. SIZE AS INDICATED IN THE PLANS AND PER NAMEPLATE RATING.
	PHONE/DATA: PROVIDE 4"x4", 30-1/4 CUBIC INCH OUTLET BOX AT 8" ABOVE COUNTER (UNO) WITH (2) 3/4" CONDUITS (WITH PULL STRINGS) ROUTED TO ACCESSIBLE CEILING SPACE. PROVIDE SINGLE GANG MUD RING WITH BLANK COVER. PROVIDE PLASTIC BUSHINGS ON EXPOSED CONDUIT ENDS. WIRING BY OTHERS.
	PHONE/DATA: PROVIDE 4"x4", 30-1/4 CUBIC INCH OUTLET BOX AT +18" (UNO) WITH (2) 3/4" CONDUITS (WITH PULL STRINGS) ROUTED TO ACCESSIBLE CEILING SPACE. PROVIDE SINGLE GANG MUD RING WITH BLANK COVER. PROVIDE PLASTIC BUSHINGS ON EXPOSED CONDUIT ENDS. WIRING BY OTHERS.
	PHONE/DATA: PROVIDE 4"x4", 30-1/4 CUBIC INCH OUTLET BOX IN CEILING. PROVIDE SINGLE GANG MUD RING WITH BLANK COVER. WIRING BY OTHERS.
	TELEVISION: PROVIDE 4x4 JUNCTION BOX WITH (2) 3/4" CONDUITS (WITH PULL STRINGS) ROUTED TO ACCESSIBLE CEILING SPACE. PROVIDE SINGLE GANG MUD RING WITH BLANK COVER. CONFIRM HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
	CEILING MOUNTED SPEAKER
	CARD READER: REFER TO SYSTEM PLANS AND SPECIFICATIONS. AT EACH DOOR WITH A CARD READER PROVIDED ALL ELECTRICAL CONNECTIONS FOR DOOR HARDWARE SYSTEMS AS REQUIRED TO MAKE A COMPLETE OPERATIONAL SYSTEM. WHERE REQUIRED, BACK TO BACK 2"x4" BOXES ARE ALLOWED FOR CARD READER AND PUSH TO EXIT SWITCH. PROVIDE POWER TO THE LOCK SYSTEM IN THE I.T. ROOM WHERE NEEDED BY CONTRACTOR INSTALLING SYSTEM.

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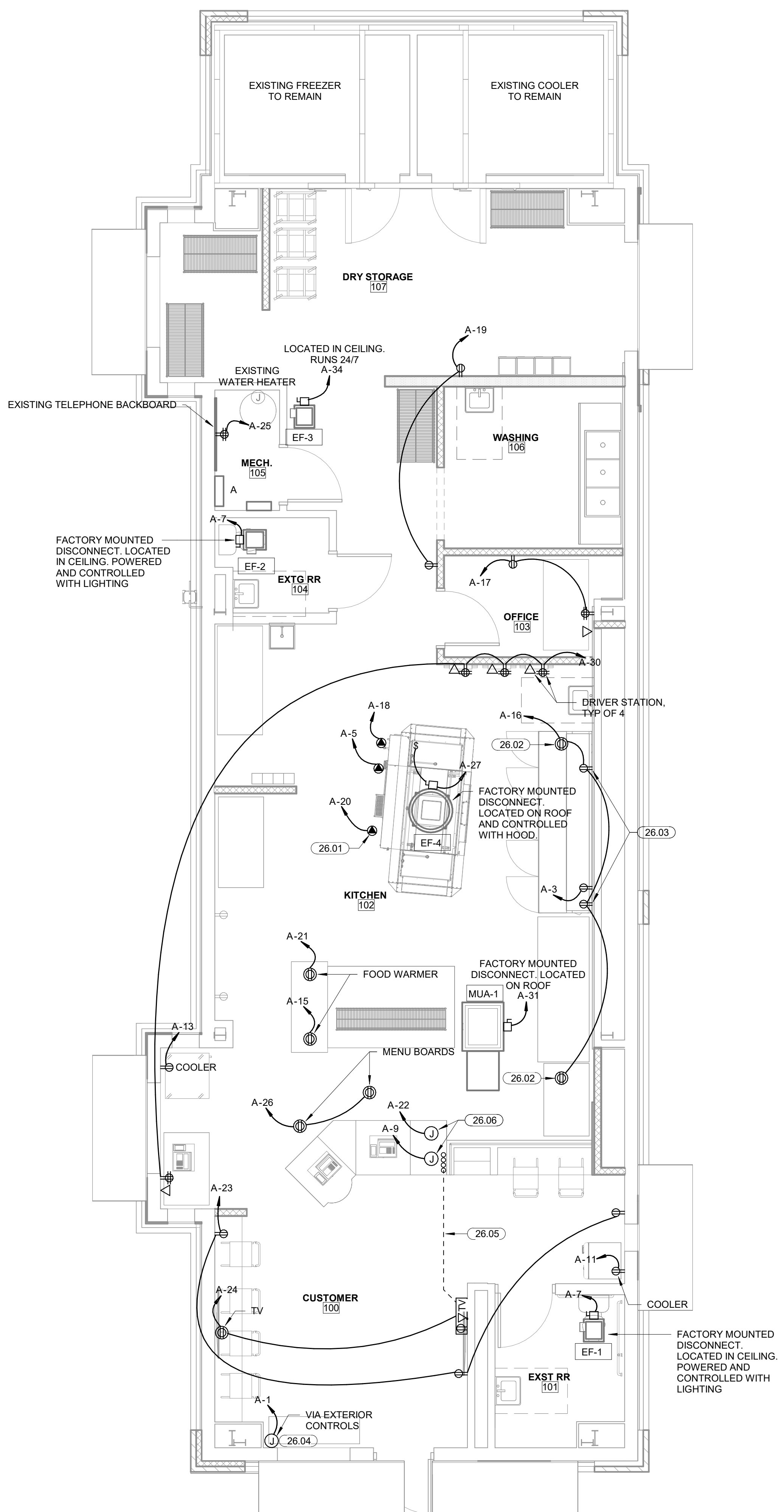
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DATE	10-31-22
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Branch Panel: A
 Location: ELECTRICAL ROOM
 Supply From: UTILITY
 Mounting: SURFACE
 Enclosure: NEMA 1

EXISTING
 Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: FULLY RATED
 Mains Type: MLO
 Mains Rating: 400 A

Notes:

CKT	Load Name	CB	P	W	A	B	C	W	P	CB	Load Name	CKT
1	SIGN (2,10,11)	20	1		1200	1140					walk-in freezer compressor	2
3	MAKE LINE COOLER (4,11)	20	1			1560	1140			2	20	4
5	OVEN CONVEYOR (2,11)	20	1				500	1140			20	6
7	LIGHTING (11)	20	1		1589	1140					20	8
9	ORDER STATION (4,11)	20	1			800	480				20	10
11	COOLER (4,11)	20	1				360	480			20	12
13	COKE COOLER (4,11)	20	1		900	900					20	14
15	FOOD WARMER (4,11)	20	1			925	1720				20	16
17	OFFICE RECEPTACLES (11)	20	1				720	1440			20	18
19	GENERAL RECEPTACLE (11)	20	1		720	500					20	20
21	FOOD WARMER (4,11)	20	1			925	800				20	22
23	LOBBY RECEPTACLES (11)	20	1				1080	860			20	24
25	TELEPHONE BOARD	20	1		360	1000					20	26
27	EF-4 (11)	20	1			559	180				20	28
29	EXTERIOR LIGHTING (10,11)	20	1				560	1440			20	30
31	MAU-1 (11)	25	1	10	1828	180					20	32
33	SPACE	--	1	--			94				20	34
35	SPACE	--	1	--				100			20	36
37	SPACE	--	1	--	0	0					20	38
39	SPD (11)	30	3	--		0	0				20	40
41	SPACE	--	1	--				0	0		20	42
43	SPACE	--	1	--	10920						20	44
45	SPACE	--	1	--			10920				20	46
47	SPACE	--	1	--				10920			20	48
49	SPACE	--	1	--							20	50
51	SPACE	--	1	--							20	52
53	SPACE	--	1	--							20	54
55	SPACE	--	1	--							20	56
57	SPACE	--	1	--							20	58
59	SPACE	--	1	--							20	60
61	r.tu-1	20	1	--	180	--					20	62
63	SPACE	--	1	--							20	64
65	SPACE	--	1	--				1800			20	66
67	SPACE	--	1	--							20	68
69	SPACE	--	1	--							20	70
71	SPACE	--	1	--							20	72
73	SPACE	--	1	--							20	74
75	SPACE	--	1	--							20	76
77	SPACE	--	1	--							20	78
79	SPACE	--	1	--							20	80
81	SPACE	--	1	--							20	82
83	SPACE	--	1	--							20	84
Total Load:		22558	VA		20103	VA		21400	VA			
Total Amps:		190	A		168	A		180	A			

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	1962 VA	125.00%	2453 VA	
Power	7908 VA	100.00%	7908 VA	Total Conn. Load: 64060 VA
Receptacle	12930 VA	88.67%	11465 VA	Total Est. Demand: 63086 VA
				Total Conn. Current: 178 A
				Total Est. Demand... 175 A

- KEYNOTES**
- 26.01 HOOD CONTROL PANEL. REFER TO DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION.
 - 26.02 E.C. TO PROVIDE DEVICE SHOWN. MOUNT DEVICE ABOVE SOFFIT. COORDINATE REQUIREMENTS AND EXACT LOCATION IN FIELD.
 - 26.03 PROVIDE RECESSED CLOCK DUPLEX RECEPTACLE AT 36" AFF.
 - 26.04 E.C. SHALL PROVIDE JUNCTION BOX FOR EXTERIOR BUILDING MOUNTED SIGN. COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.
 - 26.05 E.C. SHALL PROVIDE (4) 1" CONDUITS UNDER SLAB. (2) FOR POWER TO P.O.S. AND (2) FOR VOICE/DATA AT P.O.S. ROUTE UP WALL AS NECESSARY.
 - 26.06 CONNECT TO PRE-INSTALLED DEVICE IN MILLWORK.

- POWER PLAN NOTES**
- VERIFY LOCATION AND ELECTRICAL REQUIREMENTS OF ALL KITCHEN EQUIPMENT WITH OWNER AND EQUIPMENT NAMEPLATE INFORMATION PRIOR TO ROUGH-IN.
- AHU AND MAU PROVIDED WITH FACTORY MOUNTED DISCONNECT. OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE-RESISTANT RATED WALLS, PARTITIONS, FLOORS OR CEILING SHALL BE FIRESTOPPED USING APPROVED METHODS TO MAINTAIN THE FIRE RESISTANCE RATING. PROVIDE PENETRATION FIRE STOPPING WITH RATINGS DETERMINED PER ASTM E 814 OR UL 1479. FIRE STOPPING SHALL NOT BE LESS THAN FIRE RESISTANCE RATING OF CONSTRUCTED PENETRATIONS.
- COORDINATE MOUNTING HEIGHTS FOR POWER ASSOCIATED WITH TV OUTLETS WITH ARCHITECT PRIOR TO ROUGH-IN.
- ALL RECEPTACLES PER NEC 210.8(B)(2) IN KITCHEN/FOOD AND BEVERAGE AREAS SHALL BE GFCI PROTECTED. FOR ANY RECEPTACLE NOT ACCESSIBLE DUE TO EQUIPMENT LOCATION, PROVIDE GFCI PROTECTION AT THE CIRCUIT BREAKER.
- E.C. TO COORDINATE FINAL MOUNTING HEIGHT OF DRIVER STATION PRIOR TO ROUGH-IN.
- EXHAUST FANS HAVE FACTORY INSTALLED DISCONNECT. REFER TO MECHANICAL PLANS FOR EXHAUST FAN CONTROLS.

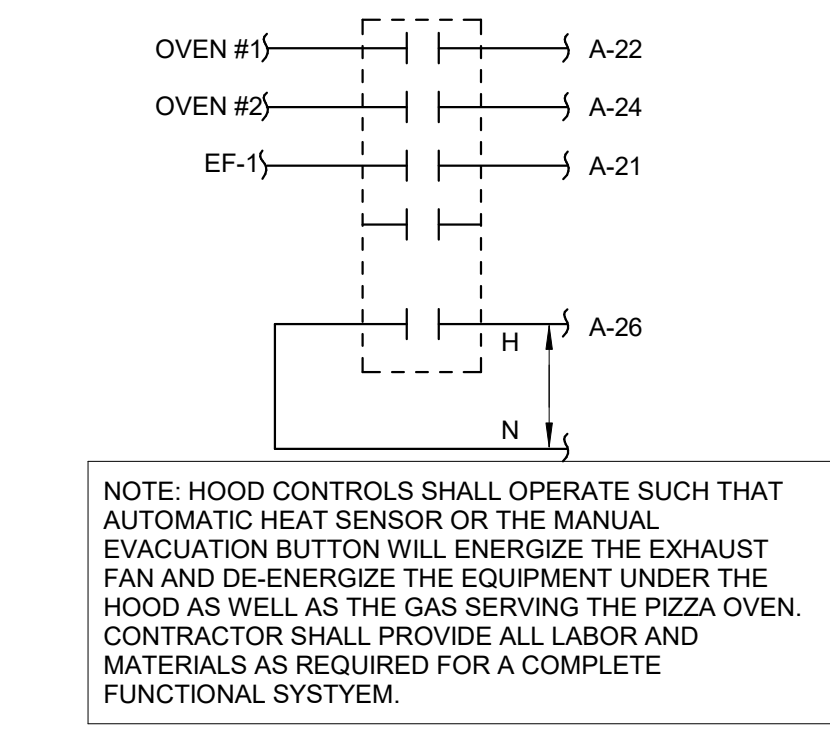
- PANELBOARD NOTES (#)**
1. TERMINATE GROUND ON ISOLATED GROUND BUS.
 2. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-OFF FOR MAINTENANCE).
 3. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-ON FOR CRITICAL LOAD).
 4. GFI BREAKER FOR PERSONNEL PROTECTION (5mA).
 5. GFI BREAKER FOR EQUIPMENT PROTECTION (30mA).
 6. CONDUCTOR SIZE SHOWN IN PANEL SCHEDULE HAS BEEN INCREASED FOR VOLTAGE DROP. SIZE EQUIPMENT GROUND PROPORTIONALLY PER NEC. REFERENCE GROUND WIRE SIZING CHART.
 7. REFER TO FAULT CURRENT SCHEDULE FOR AVAILABLE FAULT CURRENT FOR INTERRUPT RATINGS.
 8. REFER TO ONE-LINE DIAGRAM FOR WIRE SIZES.
 9. FACTORY WIRE TO LOAD.
 10. THRU CONTROLLER. REFER TO LIGHTING CONTROLLER DETAIL.
 11. ADD NEW CIRCUIT BREAKER TO EXISTING PANEL. NEW CIRCUIT BREAKER SHALL MATCH AIR CIRCUIT MANUFACTURER, AND TYPE OF EXISTING CIRCUIT BREAKERS.
 12. MATCH AIC RATING OF SERVICING DEVICE.

EQUIPMENT GROUNDING CONDUCTOR SIZING CHART

BRKR AMPS		WIRE SIZE				
15-20	PHASE GROUND	12	10	8	6	4
		12	10	8	6	4
25-30	PHASE GROUND	10	8	6	4	3
		10	8	6	4	3
35-50	PHASE GROUND	8	6	4	3	2
		10	8	4	4	4
60	PHASE GROUND	6	4	3	2	1
		10	6	6	4	4
70	PHASE GROUND	6	4	3	2	1
		8	4	4	3	2
80-90	PHASE GROUND	4	3	2	1	1/0
		8	6	4	4	3
100	PHASE GROUND	3	2	1	1/0	2/0
		8	6	4	4	3

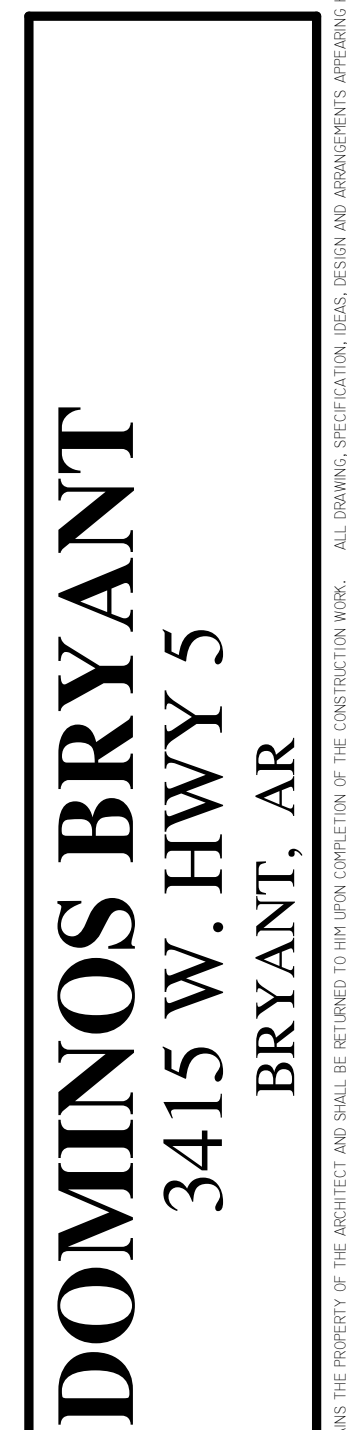
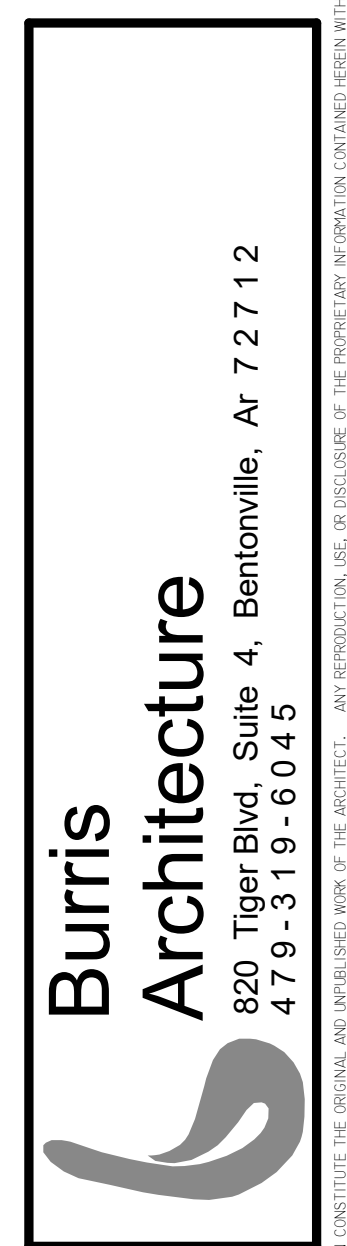
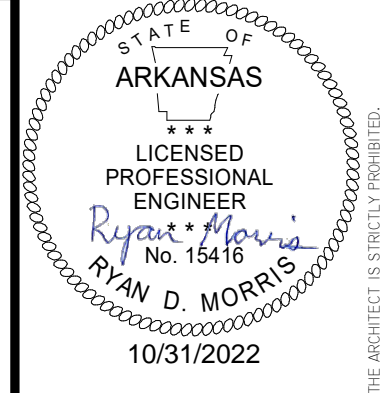
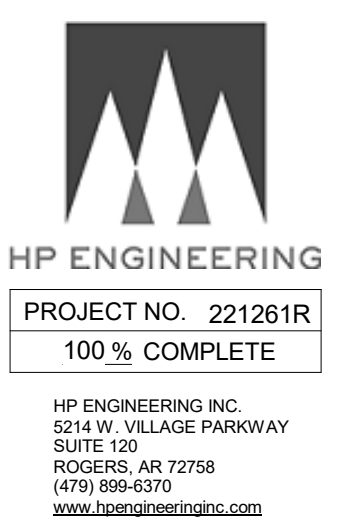
PER NEC 250.122(B)

CIRCUIT DESCRIPTIONS SHOWN AS "EXISTING" OR IN LOWER CASE LETTERS INDICATE AN EXISTING CIRCUIT BREAKER TO REMAIN AND IS BASED ON ORIGINAL BUILDING PLANS, PANEL SCHEDULES AND BREAKER ARRANGEMENTS AT THE TIME OF THE SITE VISIT.

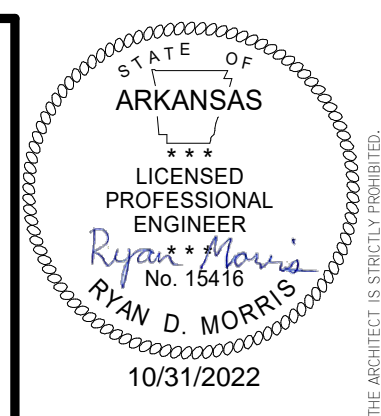


1 POWER PLAN
1/4" = 1'-0"

3 HOOD CONTROL PANEL DETAIL
1/2" = 1'-0"



DATE: 10-31-22
 JOB NO.: 22151
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E1.2
 FIRE ALARM PLAN

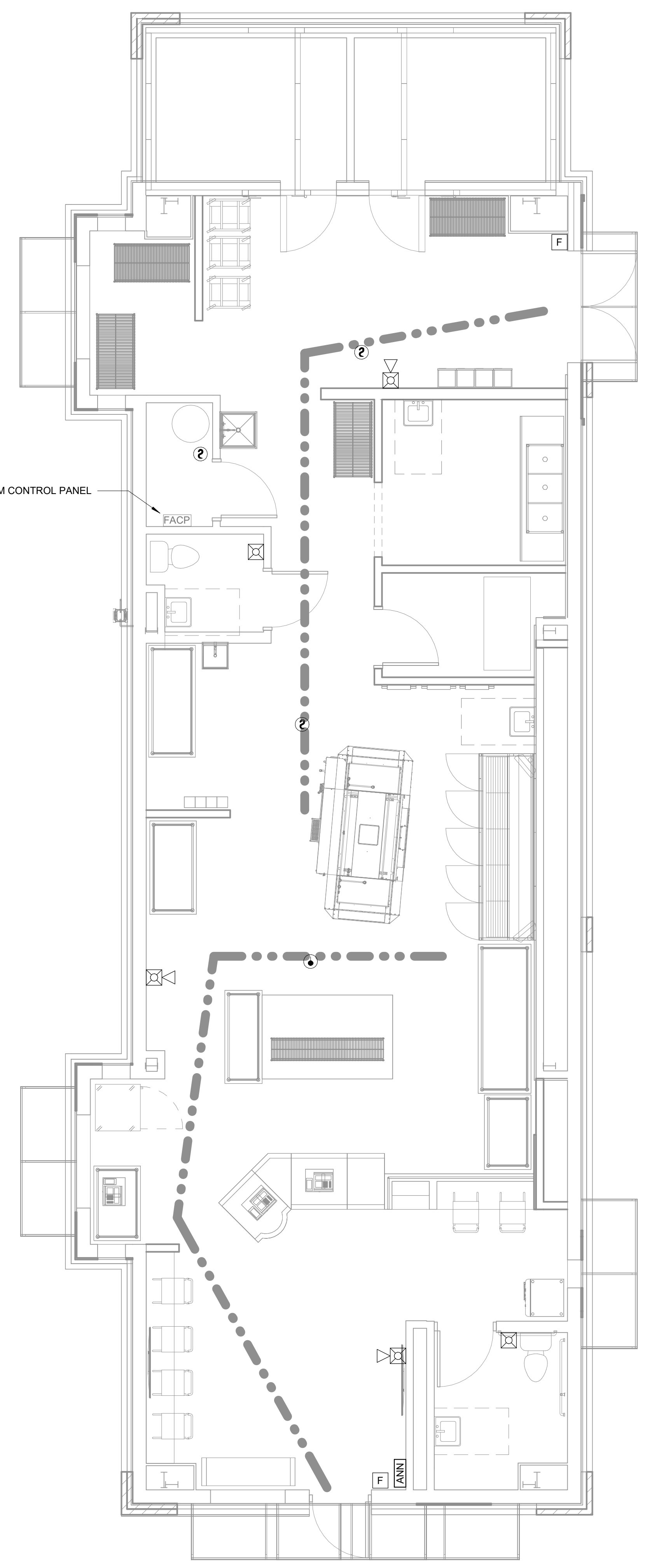
FIRE ALARM GENERAL NOTES

- 1 FIRE ALARM SYSTEM DESIGN, INSTALLATION AND MATERIALS SHALL BE IN ACCORDANCE WITH NFPA 70 AND NFPA 72. SYSTEM SHALL ALSO MEET ALL APPLICABLE BUILDING CODES, FIRE CODES AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND INSURANCE CARRIER. VERIFY REQUIREMENTS PRIOR TO BID SUBMITTAL.
- 2 INFORMATION ON CONTRACT DOCUMENTS IS GENERAL INFORMATION AND FOR BID PURPOSES ONLY. PERFORM REQUIRED CALCULATIONS AND COORDINATE WITH OTHER TRADES. DEVIATIONS FROM ENGINEERS LAYOUT WILL NOT BE CONSIDERED UNLESS A FORMALLY SUBMITTED RFI IS RECEIVED AND APPROVED.
- 3 PROVIDE ADDITIONAL MATERIALS AND LABOR REQUIRED DUE TO LACK OF COORDINATION OR TO MEET AUTHORITY HAVING JURISDICTION AND INSURANCE CARRIER REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.
- 4 PROVIDE ALL EQUIPMENT AND LABOR REQUIRED FOR A COMPLETE AND OPERATIONAL FIRE ALARM SYSTEM.
- 5 AUDIBLE NOTIFICATION DEVICES SHALL SOUND UNTIL SILENCED AT THE CONTROL PANEL OR REMOTE ANNUNCIATOR AS REQUIRED. VISUAL ALARM IS DISPLAYED UNTIL DEVICE IS RETURNED TO ITS NORMAL POSITION OR SUPERVISORY CONDITION IS CLEARED.
- 6 FORWARD COMPLETED FIRE ALARM CERTIFICATE OF COMPLETION TO THE OWNER.
- 7 PROVIDE NOTIFICATION, INITIATING AND MONITORING DEVICES AS INDICATED ON THE DRAWINGS. FIRE ALARM DEVICES SHALL BE OF ONE MANUFACTURER AND SHALL BE LISTED FOR USE WITH THE FIRE ALARM CONTROL PANEL.
- 8 PROVIDE NOTIFICATION APPLIANCE CIRCUIT PANEL(S) TO POWER NOTIFICATION DEVICES AS REQUIRED. CONNECT TO FIRE ALARM SYSTEM.
- 9 THE FIRE ALARM CONTROL PANEL AND REMOTE ANNUNCIATOR LOCATIONS SHOWN SHALL BE COORDINATED WITH THE FIRE DEPARTMENT AND AHJ PRIOR TO INSTALLATION.
- 10 AIR HANDLING SYSTEMS THAT ARE MONITORED SHALL SHUTDOWN AND REMAIN DOWN UNTIL MANUALLY RESET.

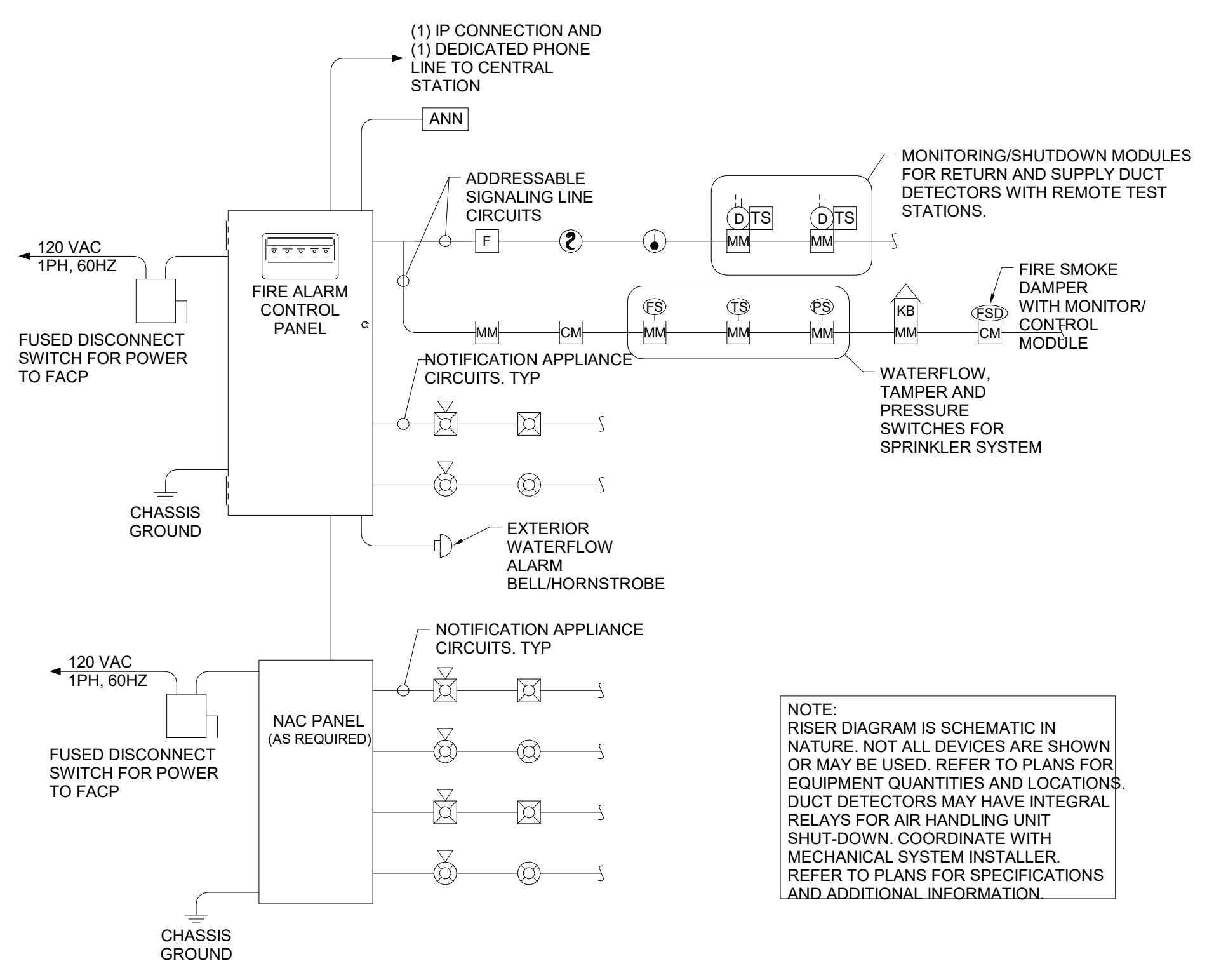
FIRE ALARM LEGEND	
②	SMOKE DETECTOR
Ⓛ	HEAT DETECTOR
Ⓛ	DUCT DETECTOR
Ⓛ	WALL MOUNT HORN STROBE
Ⓛ	CEILING MOUNT HORN STROBE
Ⓛ	WALL MOUNT STROBE
Ⓛ	CEILING MOUNT STROBE
Ⓛ	PULL STATION
ANN	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FS	SPRINKLER FLOW SWITCH
TS	SPRINKLER TAMPER SWITCH
MM	FIRE ALARM MONITOR MODULE
CM	FIRE ALARM CONTROL MODULE

FIRE ALARM INSTALLATION NOTES

- 1 SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 72 AND LOCAL CODES AND REGULATIONS. ALL EQUIPMENT AND MATERIALS SHALL BE UL LISTED AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- 2 INTERFACE WITH AND MONITOR ALL FIRE SUPPRESSION SYSTEM DEVICES INCLUDING (BUT NOT LIMITED TO) SPRINKLER FLOW AND TAMPER SWITCHES.
- 3 WIRE AND CABLE SHALL BE UL LISTED AND LABELED AS COMPLYING WITH NFPA 70, ARTICLE 760. SIGNALING LINE CIRCUITS TO BE TWISTED, SHIELDED PAIR, SIZED AS RECOMMENDED BY SYSTEM MANUFACTURER. NON-POWER LIMITED CIRCUITS TO BE SOLID-COPPER CONDUCTORS WITH 600-V RATED, 75 DEG C, COLOR-CODED INSULATION.
 9.1 LOW-VOLTAGE CIRCUITS: NO. 16 AWG, MINIMUM
 9.2 LINE-VOLTAGE CIRCUITS: NO. 12 AWG, MINIMUM
- 4 INSTALL AND TEST SYSTEMS ACCORDING TO NFPA 72. COMPLY WITH NECA 1.
- 5 TEST ALL SYSTEM DEVICES FOR PROPER OPERATION IN THE PRESENCE OF THE AHJ AND OTHER OFFICIALS INSPECTING THE FIRE ALARM SYSTEM.
- 6 IF REQUIRED BY THE LOCAL AHJ, EQUIPMENT DATA SHEETS AND BATTERY CALCULATIONS IN ACCEPTANCE WITH NFPA 72 SHALL BE PERFORMED BY THE FIRE ALARM SYSTEM MANUFACTURER/INSTALLER TO MATCH EQUIPMENT TO BE INSTALLED.
- 7 SYSTEM INSTALLER SHALL BE A LICENSED FIRE ALARM CONTRACTOR IN THE RESPECTIVE STATE OF THIS PROJECT.

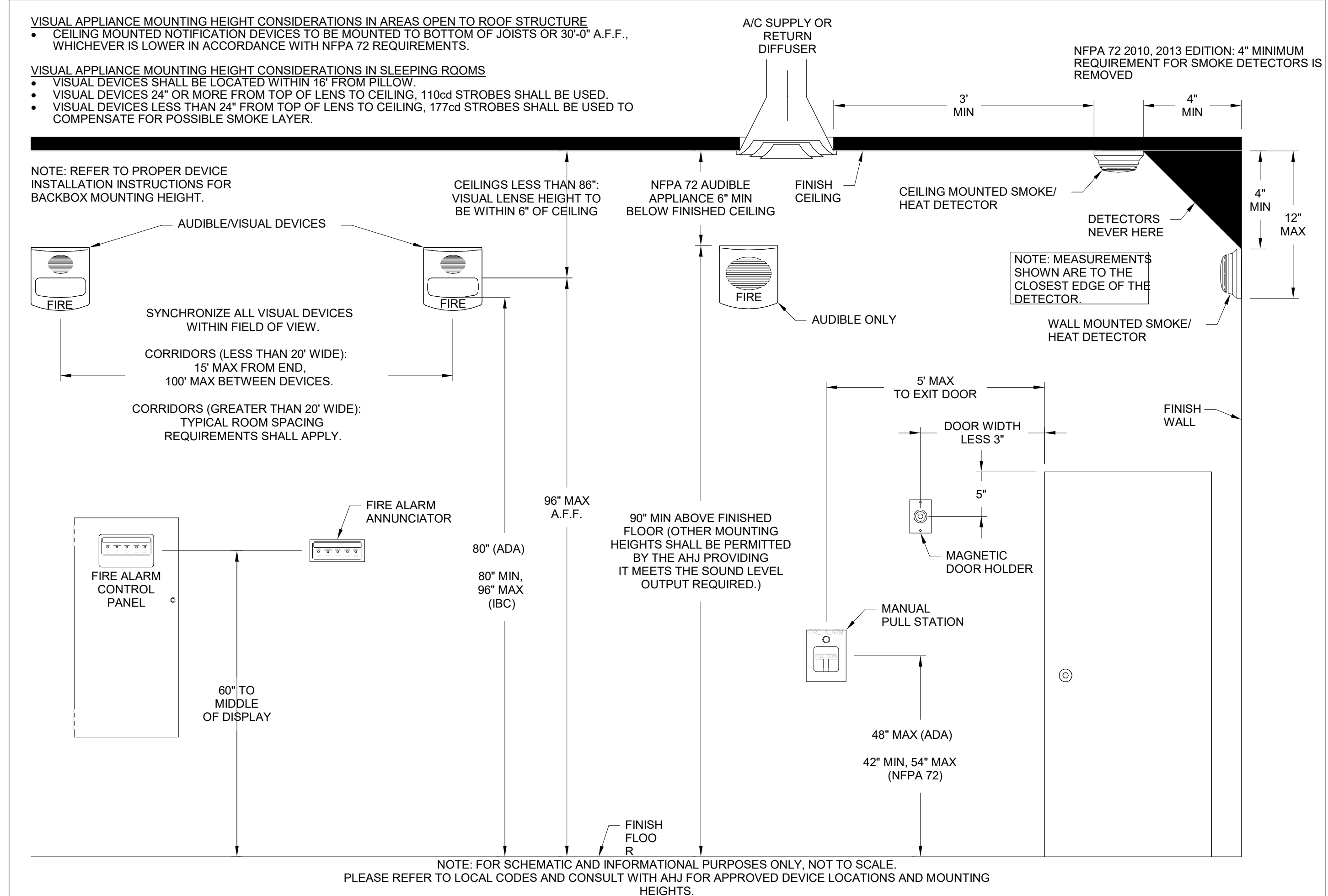


① **FIRE ALARM PLAN**
 1/4" = 1'-0"



③ **TYPICAL FIRE ALARM RISER DETAIL**
 N.T.S.

FIRE ALARM DEVICE MOUNTING HEIGHTS (PER NFPA 72)

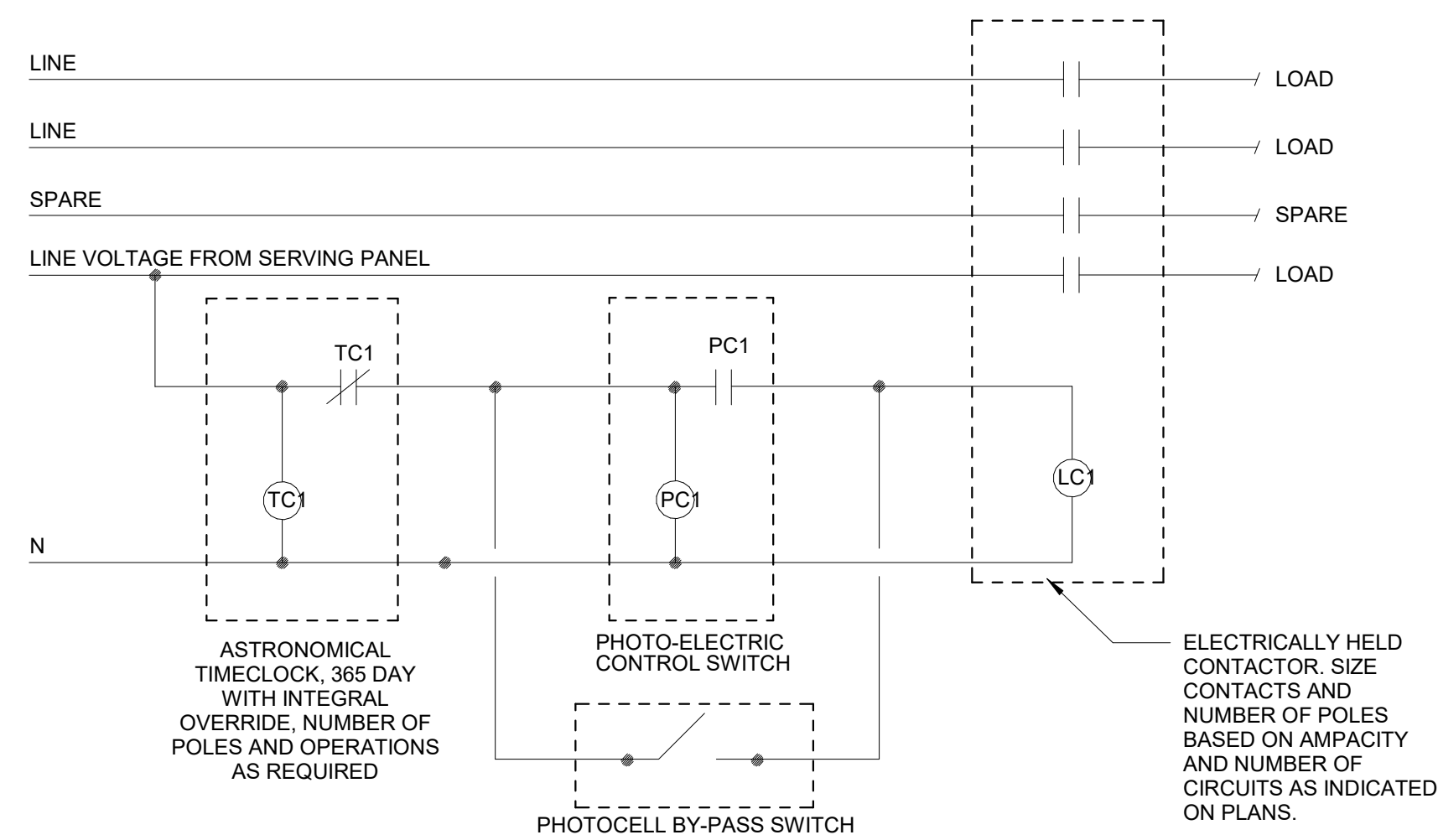


② **FIRE ALARM MOUNTING HEIGHTS**
 1/2" = 1'-0"

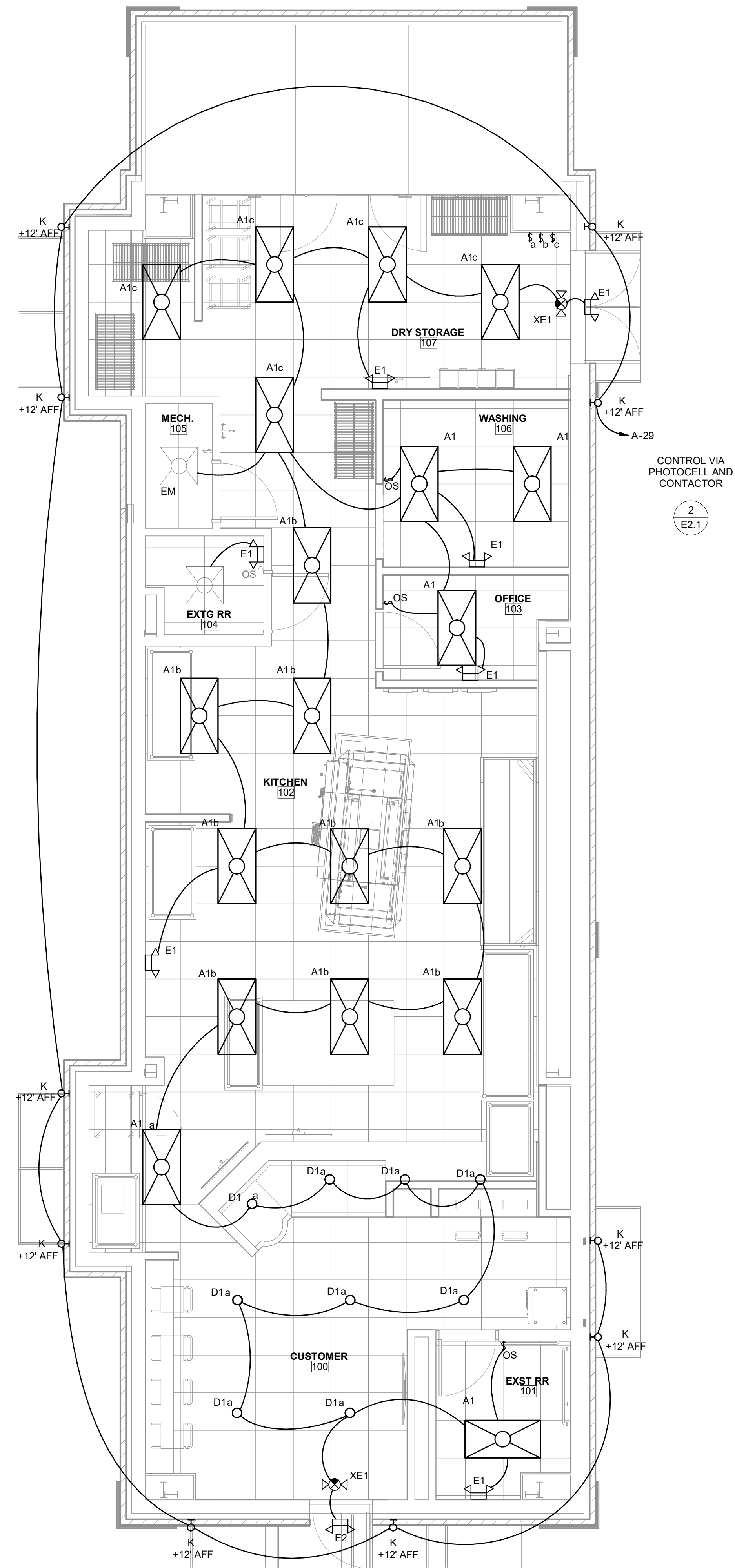
LUMINAIRE SCHEDULE

- NOTES:
 1. EC SHALL PROVIDE A SUBMITTAL PACKAGE INCLUDING CUTSHEETS FOR EACH FIXTURE.
 2. EC SHALL PROVIDE ALL ACCESSORIES FOR A COMPLETE ASSEMBLY INCLUDING MOUNTING HARDWARE.
 3. THE MOUNTING TYPE OF EACH FIXTURE SHALL BE COMPATIBLE WITH INSTALLATION SURFACE OF EACH FIXTURE.
 4. ALL FINISHES SHALL BE COORDINATED WITH ARCHITECT AND DOCUMENTED ON SUBMITTALS.

TYPE	LAMP	VOLTS	WATTS	DESCRIPTION	MANUFACTURER
A1	LED, 3500K	120/277	56 W	2X4, TROFFER, FLAT PANEL	METALUX - 24FP
D1	LED, 3500K	120/277	19 W	6", RECESSED, DOWNLIGHT, WHITE, 1500LM	HALO - HC6
E1	(2) LED	120/277	10 W	EMERGENCY LIGHT, BUGEYE, SELF DIAGNOSTIC	ASTRALITE EU-3
E2	(2) LED	120/277	10 W	EMERGENCY LIGHT, WALLPACK, SELF DIAGNOSTIC, WP	ASTRALITE REM
K	LED 5000K	120/277	56 W	DECORATIVE GOOSNECK WALL FIXTURE, 12" SHADE, 30" STEM, BLACK	MILLENIUM LIGHTING - RAS12
XE1	LED	120/277	15 W	EXIT/EMERGENCY COMBO, SELF DIAGNOSTIC, RED LETTERS, WHITE	ASTRALITE EEU-3



2 TYPICAL LIGHTING CONTACTOR
 12" = 1'-0"

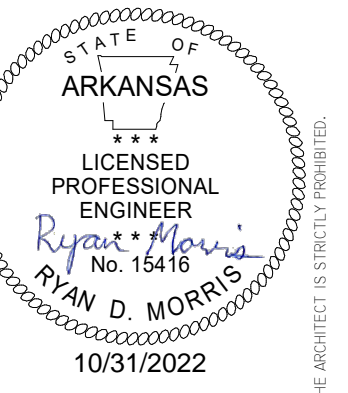


1 LIGHTING PLAN
 1/4" = 1'-0"



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DATE 10-31-22
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E2.1
 LIGHTING PLAN

26B 4 LIGHT FIXTURES, LAMPS AND BALLASTS

26B 4-1 LIGHT FIXTURE LOCATIONS

Light fixtures shown on the electrical drawings represent general arrangements only. Refer to architectural drawings for more exact locations. Coordinate location with all other trades before installation to avoid conflicts. Coordinate light fixture locations in mechanical rooms with final installed piping and ductwork layouts.

26B 4-2 LIGHT FIXTURES

Provide light fixtures as scheduled on drawings, including all lamps, all necessary accessories, material and labor to securely hang, clean, and make light fixtures completely ready for use. Provide: all hangers, supports, and miscellaneous hardware required to install light fixtures; proper trim to fit each ceiling condition actually encountered; additional tie wires connected to structure to conform to seismic requirements where required by the applicable building code.

Packaging of light fixtures will not be allowed. Only those luminaires listed in the light fixture schedule, or approved in accordance with substitutions of these specifications, will be accepted. Where the light fixture schedule indicates an allowance for a specific light fixture, the price is a contractor price. Include all additional costs for freight, lamps, and installation of light fixture and lamps.

Install all linear light fixtures located in areas without ceilings immediately below the roof-framing members, or suspended from chain hangers suitable in length to provide the indicated mounting height.

Through wiring of recessed light fixtures, in suspended ceilings, is not permitted. Connect each light fixture by a whip to a junction box. Provide cable whips of sufficient lengths to allow for relocating each light fixture within a 5-foot radius of its installed location, but not exceeding 6 feet in unsupported lengths.

26B 4-3 EMERGENCY LIGHTING UNITS AND EXIT SIGNS

Description: self-contained units complying with UL 924.

Battery: sealed, maintenance-free, lead-acid type. The batteries shall be of suitable rating and capacity to supply and maintain at not less than 87 1/2 percent of the nominal battery voltage for the total lamp load associated with the unit for a period of at least 1 1/2 hours, or the unit equipment shall supply and maintain not less than 60 percent of the initial emergency illumination for a period of at least 1 1/2 hours.

Charger: fully automatic, solid-state type with sealed transfer relay.

Operation: relay automatically turns lamp on when power supply circuit voltage drops to 80 percent of nominal voltage or below. Lamp automatically disconnects from battery when voltage approaches deep-discharge level. When normal voltage is restored, relay disconnects lamps from battery, and battery is automatically recharged and floated on charger.

Test push button: push-to-test type, in unit housing, simulates loss of normal power and demonstrates unit operability. LED indicator light: indicates normal power on. Normal glow indicates trickle charge; bright glow indicates charging at end of discharge cycle.

Integral time-delay relay: holds unit on for fixed interval of 15 minutes when power is restored after an outage

Integral self-test: factory-installed electronic device automatically initiates code-required test of unit emergency operation at required intervals. Test failure is annunciated by an integral audible alarm and flashing red LED.

26B 5 MISCELLANEOUS ELECTRICAL

26B 5-1 WIRING OF EQUIPMENT

Provide all raceways and power wiring for all applicable Divisions equipment requiring electrical connections, including, but not limited to, pumps, water heaters, and HVAC equipment, and all line-voltage control and interlock wiring not provided under other Divisions. Connect per manufacturers' wiring diagrams. Coordinate with applicable Divisions for disconnects furnished with equipment, and provide all disconnect switches as required. After installing wiring, verify that each motor load has the correct phase rotation.

Verify the actual "maximum overcurrent protection" (MOCP) device ratings and "minimum circuit ampacity" (MCA) conductor sizing for mechanical equipment from the equipment nameplate. Base electrical installations on actual required amperages, which may vary somewhat from the conductor and equipment sizes shown on the drawings; however, in no case, reduce the size of conductors indicated on the drawings without authorization from the engineer. Provide properly sized electrical wiring and equipment without extra cost to the owner. Notify the engineer of all changes required in the electrical installation due to equipment variances so that the effects on feeders, branch circuits, panelboards, fuses and circuit breakers can be checked prior to purchasing and installation. Be responsible for coordinating with applicable Divisions to verify the actual ampacities and correct sizes of all conductors and overcurrent protective devices for all equipment, and correct overload heaters for all motors, when starters are provided under Division 26.

26B 5-2 WIRING OF THERMOSTATS, TIME AND TEMPERATURE CONTROLS

Provide all raceways, power wiring, and line-voltage control and interlock wiring not provided under other Divisions, for all thermostats, temperature control devices, and controls, including, but not limited to, night-stabs, water heater interlocks, time switches and override timers. See mechanical drawings for locations and temperature control diagrams. Low-voltage conductors for thermostats and temperature control system may be run exposed above finished accessible ceilings, if approved and listed for this purpose, but shall be installed in conduit within walls and where exposed in the work areas.

26B 5-3 TELEPHONE SYSTEM PROVISIONS

Provide incoming telephone service raceways as indicated on drawings or as required by the serving telephone company. Provide 3/4-inch thick plywood board, fire-retardant-treated and stamped FRT, securely anchored to the wall, at the location and of the size as indicated on the drawings.

Provide flush mounted telephone outlet boxes with 3/4 -inch EMT stub-up concealed to accessible ceiling space at locations as indicated on the drawings.

26B 5-4 DATA SYSTEM PROVISIONS

Provide flush mounted data outlet boxes with 3/4 -inch conduit stub-up concealed to accessible ceiling space at locations as indicated on the drawings.

22,000a at 240v maximum

as indicated on the drawings

Enclosures: NEMA rated for environment installed in or as indicated on the drawings.

Coil voltage: 120v AC or as indicated on the drawings.

Mechanically-held type, control interface shall be 2-wire input module with 3-wire output or as indicated on the drawings; Square D class 8903 LX or equivalent of General Electric, Siemens, Cutler Hammer or Asco.

26B 5-9 MISCELLANEOUS EQUIPMENT AND CONNECTIONS

Provide all wiring and connections to equipment furnished by others, including, but not limited to, bakery equipment, deli equipment, meat room equipment, kitchen equipment, checkstand and scanners, exhaust hood fire extinguishing system, etc. Install scan system electronic communication cable in underfloor duct (cable provided by others).

Provide all raceways, wiring and related connections of devices to energy management system that are not the responsibility of Division 23.

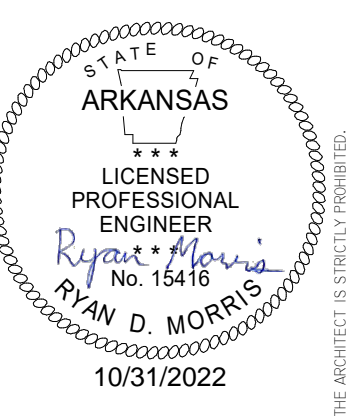
All wiring and connections of exit door alarms.

END OF SECTION 26B



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BRYANT, AR

DATE	10-31-22
JOB NO.	22151
REVISIONS	

E3.3
ELECTRICAL SPECIFICATIONS

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