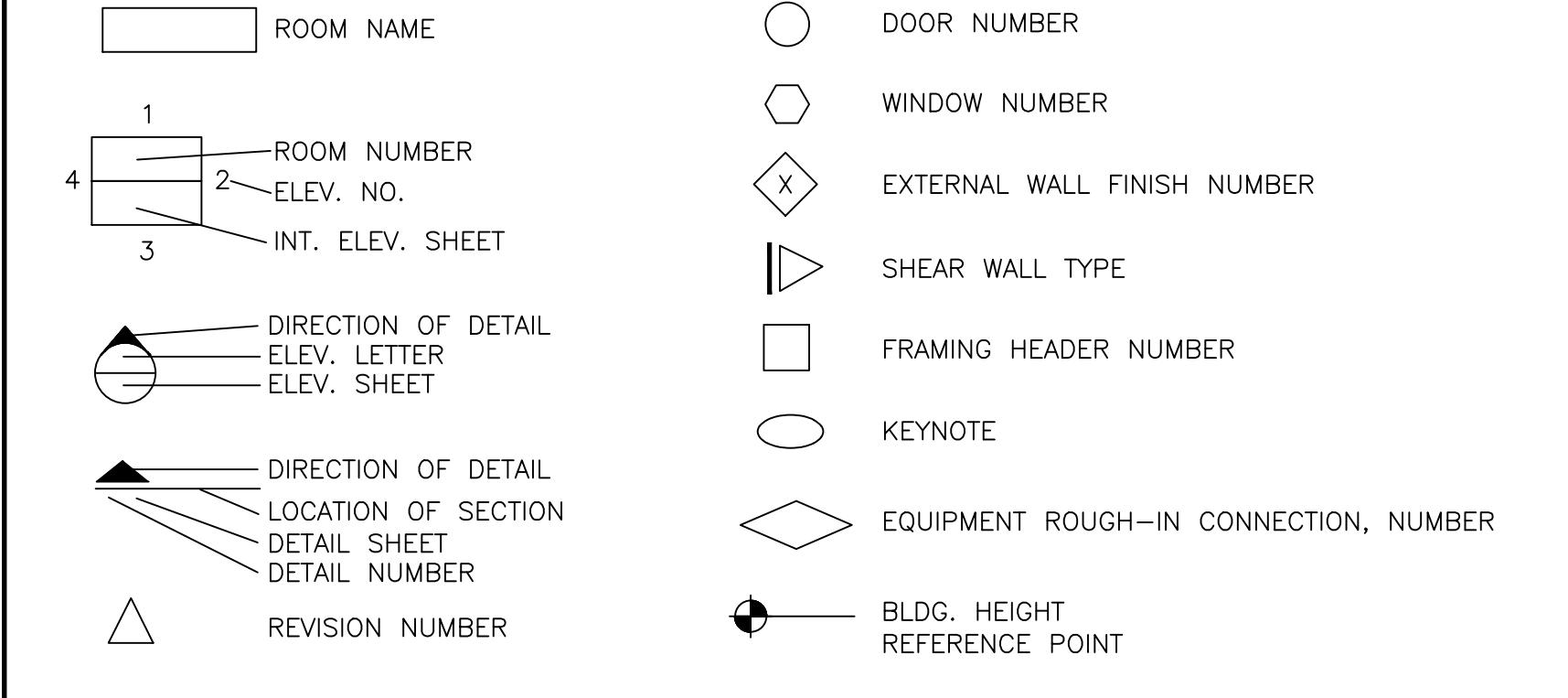


PROJECT GENERAL NOTES

- 1. FIELD VERIFY ALL DIMENSIONS.
2. NOT USED.
3. REPLACE OR REPAIR DAMAGED, DETERIORATED OR UNSUITABLE SUBSTRATES AS REQUIRED TO RECEIVE NEW WALL FINISHES AS SCHEDULED.
4. NOT USED.
5. NOT USED.
6. CUT, REMOVE AND REPLACE EXISTING CONCRETE SLAB AS REQUIRED FOR INSTALLATION OF NEW UNDERFLOOR PIPING AND CONDUIT.
7. ALL WORK SHALL BE IN COMPLIANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES, REGULATIONS, ORDINANCES AND STANDARDS.
8. ALL REMODELED BUILDING ELEMENTS INCLUDED AS PART OF THIS PROJECT SHALL COMPLY WITH THE MOST CURRENT EDITION OF BUILDING CODE, AND LOCAL CODE.
9. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTENCE AND LOCATION OF ALL EXISTING ABOVE AND BELOW GRADE UTILITIES, INCLUDING SANITARY SEWER, STORM SEWER, WATER, GAS, ELECTRICAL, TELEPHONE, ETC. ANY DISCREPANCIES IN UTILITY LOCATIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER'S REPRESENTATIVE.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF THE BUILDING'S STRUCTURAL SYSTEM. STRUCTURAL MEMBERS, INCLUDING BEARING AND SHEAR WALLS, SHALL NOT BE REMOVED, CUT OR OTHERWISE MODIFIED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE.
11. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL BUILDING DIMENSIONS AND SHALL IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE OF ANY VARIANCE OR DISCREPANCY AFFECTING NEW CONSTRUCTION.
12. GENERAL CONTRACTOR SHALL COORDINATE EXISTING STRUCTURE WITH NEW CONSTRUCTION INCLUDING MECHANICAL, FIRE PROTECTION AND ELECTRICAL WORK.
13. CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING IN WALLS FOR SUPPORT OF ALL EQUIPMENT, SHELVING, ACCESSORIES AND OTHER DEVICES REQUIRED.
14. ALL PENETRATIONS SHALL RECEIVE CAULKING TO SEAL ANY TYPE OF ENERGY LOSS.
15. VERIFY ALL EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY CONFLICTS PRIOR TO PROCEEDING WITH WORK.
16. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL APPLICABLE DIMENSIONS OF FIXTURES AND EQUIPMENT SUPPLIED AND/OR INSTALLED BY OTHERS.
17. THE DRAWINGS ARE NOT TO BE SCALED. FOR INFORMATION CONCERNING EXISTING PARTITIONS, ETC., VERIFICATION MUST BE DONE IN THE FIELD.
18. UPON COMPLETION OF PROJECT, OBTAIN ALL FINAL INSPECTIONS AS REQUIRED BY LOCAL JURISDICTIONS AND FURNISH OWNER WITH EVIDENCE OF ALL SUCH INSPECTIONS AND CERTIFICATES OF OCCUPANCY.
19. THESE CONSTRUCTION NOTES AND DRAWINGS ARE SUPPLIED TO ILLUSTRATE THE DESIGN AND GENERAL TYPE OF CONSTRUCTION DESIRED AND ARE INTENDED TO IMPLY THE FINEST QUALITY OF CONSTRUCTION, MATERIAL AND WORKMANSHIP THROUGHOUT.
20. ALL MEANS OF EGRESS AND FIRE PROTECTION SHALL BE MAINTAINED AT ALL TIMES AND ANY SHUT DOWN OF LIFE SAFETY OR BUILDING SYSTEMS SHALL BE APPROVED AND COORDINATED IN ADVANCE WITH THE OWNER AND LOCAL BUILDING DEPARTMENT.
21. GENERAL CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS FOR DETAILS 2, 5, 9, 10, AND 15/AS TO DETERMINE FOR CONNECTING TO STRUCTURE ABOVE.
22. ALL CHANGE ORDER REQUESTS SHALL BE SUBMITTED IN WRITING TO CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO MAKING ANY CHANGES.
23. G.C./SUBCONTRACTORS ARE RESPONSIBLE FOR MECHANICAL, ELECTRICAL AND PLUMBING PERMITS.
24. THE GENERAL CONTRACTOR IS RESPONSIBLE TO RECEIVE AND SECURELY STORE ALL OWNER SUPPLIED EQUIPMENT/ITEMS.

SYMBOLS



ABBREVIATIONS

Table of abbreviations including A.B. ANCHOR BOLT, A.T. ACOUSTICAL TILE, ADJ. ADJUSTIBLE, A.F.F. ABOVE FINISH FLOOR, A.C. AIR CONDITIONING, ANOD. ANODIZED, ALUM./AL ALUMINUM, APPROX. APPROXIMATE, BD. BOARD, BM. BEAM, BLK. BLOCK, BLK'G. BLOCKING, BOT. BOTTOM, BLDG BUILDING, B.N. BOUNDARY NAIL, CAB. CABINET, CLG. CEILING, CEM. CEMENT, C.F. CURB FACE, C. CENTERLINE, C.T. CERAMIC TILE, CLR. CLEAR, COL. COLUMN, CONC. CONCRETE, C.B. CONCRETE BLOCK, CONST. CONSTRUCTION, CONT. CONTINUOUS, C.J. CONTRACTION OR CONTROL JOINT, CONTR. CONTRACTOR, CORR. CORRIDOR, CTRO. CENTERED, DP. DEEP, DET. DETAIL, DIAG. DIAGONAL, DIA. DIAMETER, DIM. DIMENSION, DR. DOOR, DBL. DOUBLE, DN. DOWN, D.S. DIRECTIONAL SIGN, DT. DRIVE-THRU, DWG. DRAWING, EA. EACH, E.S. EACH SIDE, E.I.F.S. EXTERIOR INSULATION & FINISH SYSTEM, ELEC. ELECTRICAL, E.P. ELECTRICAL PANEL, EL. ELEVATION (GRADE), ELEV. ELEVATION (BLDG), E.N. EDGE NAIL, ENCL. ENCLOSURE, E.M.S. ENERGY MANAGEMENT SYSTEM, E.P.C. ECCENTRIC POST CAP, EQ. EQUAL, EQUIP. EQUIPMENT, EXH. EXHAUST, EXIST. EXISTING, E.J. EXPANSION JOINT, EXP. EXPOSED; EXPANSION, EXT. EXTERIOR, FIN. FINISH, F.R.P. FIBERGLASS REINFORCED PANEL, F.F. FINISH FLOOR, F.E. FIRE EXTINGUISHER, F.E.C. FIRE EXTINGUISHER CABINET, F.P. FIRE PROOF, FLASH FLASHING, FLR. FLOOR, F.D. FLOOR DRAIN, F.S. FLOOR SINK, FT. FOOT, FTG. FOOTING, FDN. FOUNDATION, GA. GAUGE, G.C. GENERAL CONTRACTOR, GEN. GENERAL, G.I. GALVANIZED IRON, GL. GLASS; GLAZING; GLAZED, GR. GRADE, GYP. GYPSUM, HDWD HARDWOOD, HDWE HARDWARE, H.D. HUB DRAIN, HT. HEIGHT, H.M. HOLLOW METAL, HORIZ. HORIZONTAL, I/F INTERFACE, INS. INSULATE; INSULATION, INT. INTERIOR, JNT. JOINT, JST. JOIST, LAM. LAMINATE; LAMINATED, LTG. LIGHTING, MFR. MANUFACTURER, MAT'L MATERIAL, MAX. MAXIMUM, MECH. MECHANICAL, MEMB. MEMBRANE, MET./MTL METAL, M.L. METAL LATH, MIN. MINIMUM, MISC. MISCELLANEOUS, MLDG. MOULDING, N.A. NOT APPLICABLE, N/A, N.I.C. NOT IN CONTRACT, N.T.S. NOT TO SCALE, NO. NUMBER, O. OWNER, OFF. OFFICE, O.C. ON CENTER, OFCI OWNER FURNISHED CONTR' INSTALLED, OPN'G. OPENING, OPP. OPPOSITE, O.A. OVERALL, O.A.H. OVERALL HEIGHT, O.H. OVERHEAD, P.C. POST CAP, P.C.C. PORTLAND CEMENT CONCRETE, P.G. PAINT GRADE, P.H. PIZZA HUT, PR. PAIR, PNL PANEL, PART. PARTITION, PERF. PERFORATION, PLAS. PLASTER, PTDF PRESSURE TREATED DOUGLAS FIR, PLYWD. PLYWOOD, PROP. PROPERTY, P.L. PROPERTY LINE, P.V.C. POLY VINYL CHLORIDE, R. RISER, REFR. REFRIGERATOR, R.S. ROUGH SAWN, REINFORCING REQUIRED, RET. RETURN, R.A. RETURN AIR, REV. REVERSE, RCP REFLECTED CEILING PLAN, R.D. ROOF DRAIN, ROOF'G. ROOFING, RM. ROOM, R.O. ROUGH OPENING, S.E. SATIN ENAMEL, SCHED. SCHEDULE, SECT. SECTION, S.G.E. SEMI-GLOSS ENAMEL, SHT'G. SHEATHING, SHT. SHEET, S.C.R. SILICONE CONTROL RECTIFIER, SIM. SIMILAR, SK. SINK, S.D. SOAP DISPENSER, S.O.H. SAME OPPOSITE HAND, SOL. SOLID, SPECS. SPECIFICATIONS, SQ. SQUARE, S.S. S/S STAINLESS STEEL, S.S.D. SEE STRUCTURAL DWGS, STD. STANDARD, STL. STEEL, STOR. STORAGE, ST. STREET; STRAIN, STRUCT. STRUCTURAL, SUSP. SUSPEND; SUSPENDED, SW. SWITCH, SYS. SYSTEM, TEL. TELEPHONE, THERMO. THERMOSTAT, THK. THICK, THRU. THROUGH, TOIL. TOILET, T.C. TOP OF CURB, T.P. TOP OF PAVING, T.R. TOP OF ROOF, T.P. TOP OF PARAPET, T.S. TOP OF SLAB, T.W. TOP OF WALL, T.S.B. TOP SET BASE, T. TREAD, T.S. TUBULAR STEEL, TYP. TYPICAL, U.L. UNDERWRITING LABORATORIES, UNFIN. UNFINISHED, U.O.N. UNLESS OTHERWISE NOTED, VENT. VENTILATE; VENTILATION, VEST. VESTIBULE, V.W.C. VINYL WALL COVERING, W.C. WATERCLOSET, W.P. WATERPROOF, W.W.F. WELDED WIRE FABRIC, W. WIDE; WIDTH, W/ WITH, W/O WITHOUT, WD. WOOD, W.I.C. WALK-IN COOLER, W.I.F. WALK-IN FREEZER

LEGAL JURISDICTION: CAMERON, NC

APPLICABLE CODES:
BUILDING CODE: 2018 NORTH CAROLINA BUILDING CODE
PLUMBING CODE: 2018 NORTH CAROLINA PLUMBING CODE
MECHANICAL CODE: 2018 NORTH CAROLINA MECHANICAL CODE
ELECTRICAL CODE: 2020 NATIONAL ELECTRICAL CODE
ENERGY CODE: 2018 NORTH CAROLINA ENERGY CONSERVATION CODE

GROSS LEASE AREA: 1,600 SQ. FT.
SEATING: NONE
OCCUPANCY GROUP: B
OCCUPANCY LOAD: GROSS SQ. FT. WHOLE SPACE = 1,600 SQ. FT.
'BUSINESS AREAS' = 258 SF/100 SF (GROSS) = 3 OCCUPANTS (INCLUDING RESTROOM)
'KITCHEN AREAS' = 1,342 SF/200 SF (GROSS) = 7 OCCUPANTS
TOTAL OCCUPANT LOAD = 10
EXITS REQUIRED = 1
EXITS PROVIDED = 2

PROJECT DIRECTORY

NOTE: CONTACT GARY PEAK (INFORMATION BELOW) FOR ALL BID INQUIRIES ON THIS PROJECT.

Table with columns for OWNER, ARCHITECT, CONSTRUCTION PROJECT MANAGER, and contact information for Gary Peak and Acertus Consulting Group.

SCOPE OF PROJECT

THIS IS A TENANT LEASE AND IMPROVEMENT IN AN EXISTING BUILDING. OPERATION IS A PIZZA CARRY-OUT RESTAURANT. PARKING, INCLUDING ACCESSIBLE SPACES, IS EXISTING AND IS THE RESPONSIBILITY OF THE LANDLORD.

SHEET INDEX

Table listing sheets T1 (TITLE SHEET), DM1 (DEMOLITION FLOOR PLAN), A1 (ARCHITECTURAL FLOOR PLAN), A2 (EQUIPMENT PLAN), A2.1 (EQUIPMENT SCHEDULE), A3 (FINISH SCHEDULE), A4 (CUSTOMER CARRY-OUT, SERVICE COUNTER AND RESTROOM ELEVATIONS AND DETAILS), A5 (INTERIOR WALL FINISH PLAN), A6 (EXTERIOR ELEVATIONS), A7 (REFLECTED CEILING PLAN), A8 (MISC. DETAILS), A8.1 (METRO SHELF ASSEMBLY AID), A9 (ROOF PLAN AND RELATED DETAILS).



MECHANICAL

Table listing mechanical sheets: M1 H.V.A.C. FLOOR PLAN, M2 H.V.A.C. ROOF PLAN, M3 H.V.A.C. SCHEDULES, M4 H.V.A.C. DETAILS, M5 H.V.A.C. DETAILS, M6 H.V.A.C. GENERAL NOTES, M7 HOOD DRAWINGS, M8 HOOD FAN DRAWINGS.

ELECTRICAL

Table listing electrical sheets: E1 ELECTRICAL RISER DIAGRAMS, E2 ELECTRICAL POWER ROOF PLAN, E3 ELECTRICAL LIGHTING PLAN, E4 ELECTRICAL IT PLAN, E5 HOOD CONTROL DRAWINGS.

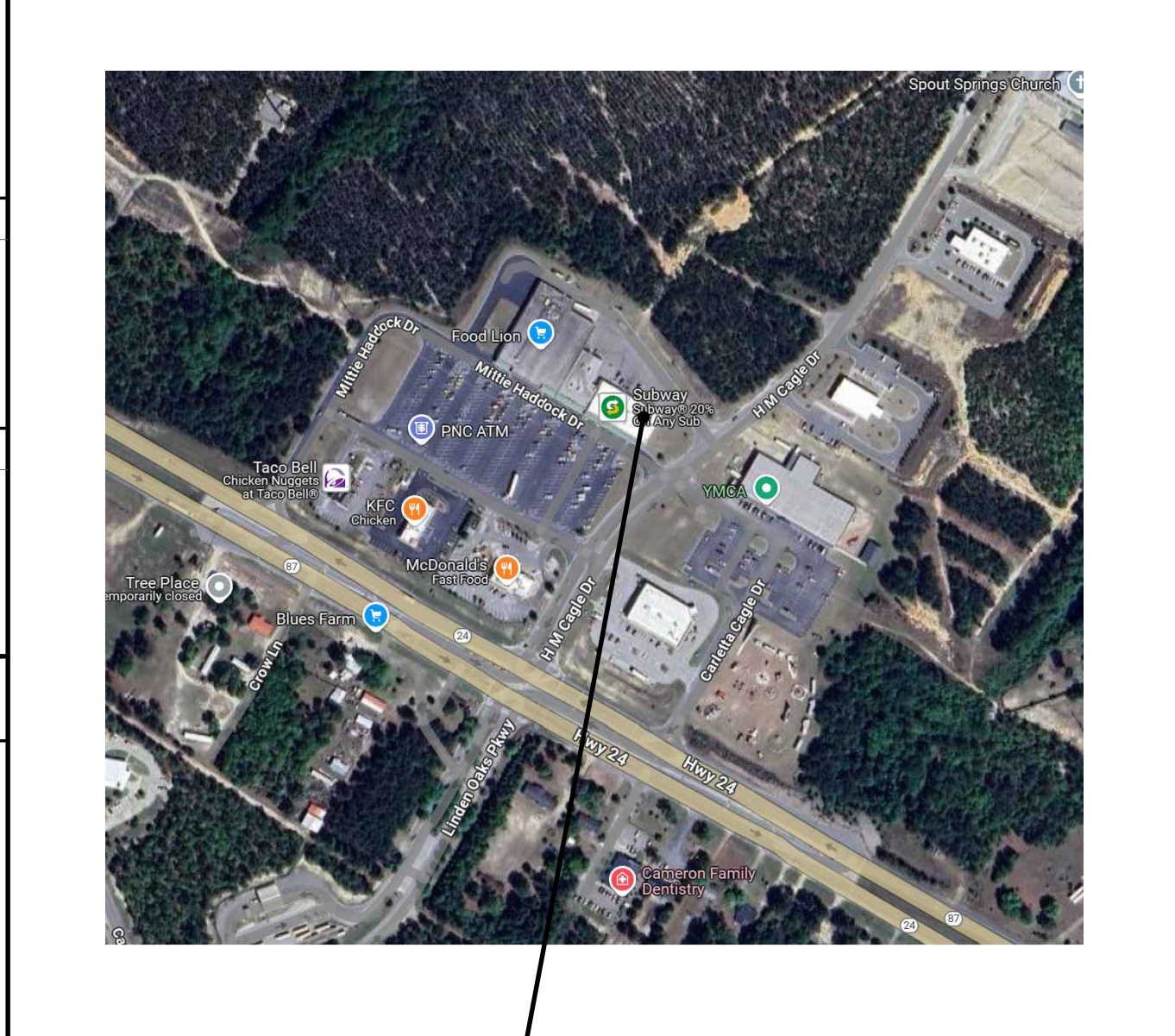
PLUMBING

Table listing plumbing sheets: P1 PLUMBING SCHEDULES, P2 WASTE AND VENT PLAN, P3 GAS AND WATER SERVICE PLAN, P4 PLUMBING DETAILS.

SPECIFICATIONS

SPECIFICATIONS PROVIDED ON A CD IN BOOK FORMAT.

VICINITY MAP

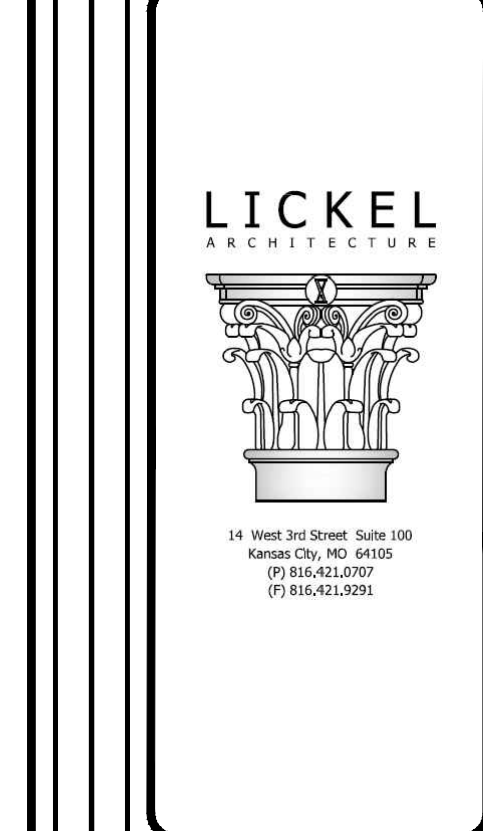


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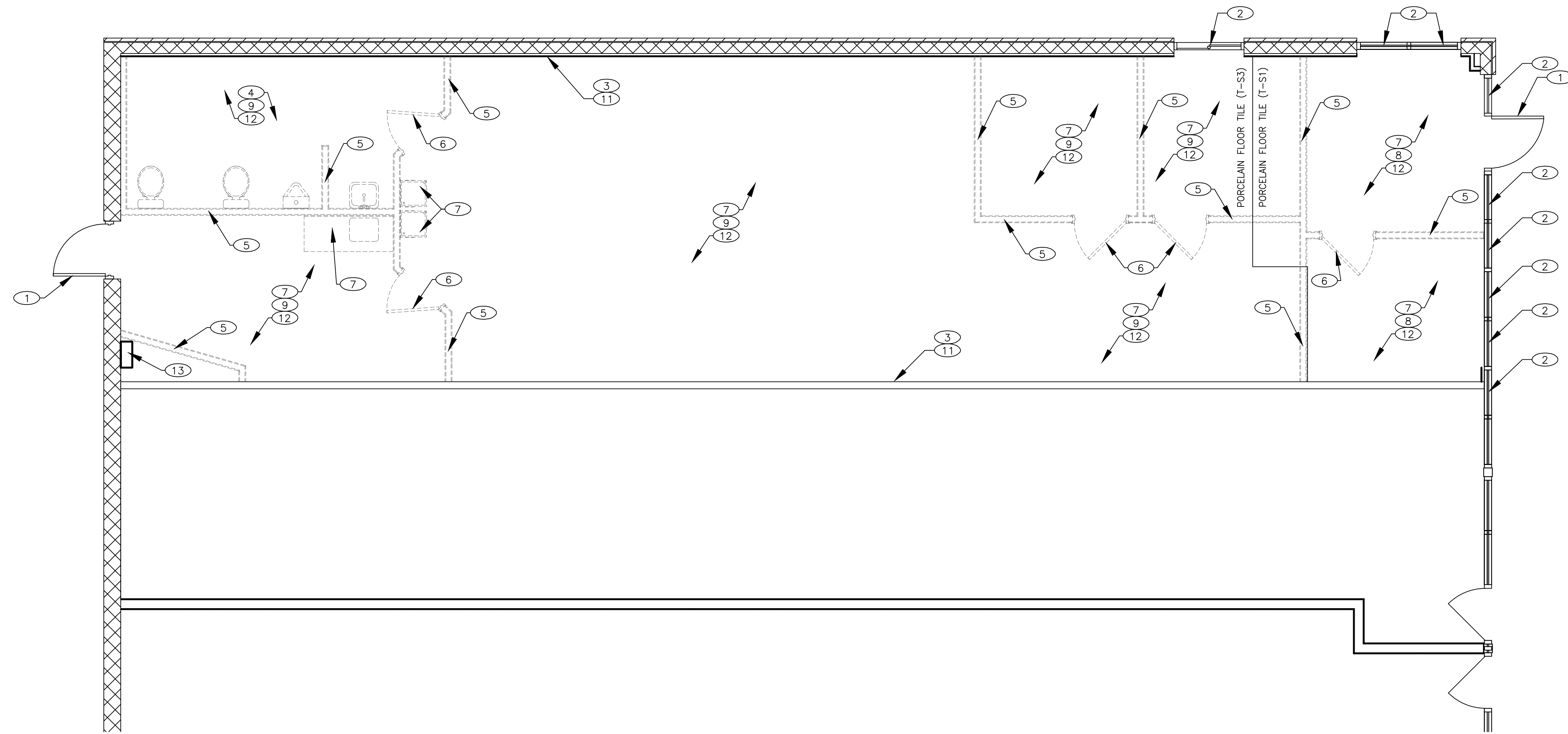
TITLE SHEET



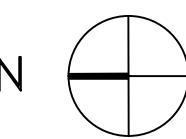
PIZZA HUT #2597
185 MITTIE HADDOCK DRIVE
CAMERON, NORTH CAROLINA



REVISIONS:
SHEET NUMBER
T1



DEMOLITION FLOOR PLAN



1/4"=1'-0" A

NOT USED

DEMOLITION GENERAL NOTES

1. VERIFY ALL CONDITIONS PRIOR TO DEMOLITION. DISCREPANCIES BETWEEN DESIGN AND EXISTING CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER.
2. PATCH AND REPAIR FLOOR AND WALLS THAT ARE DAMAGED IN THE PROCESS OF DEMOLITION.
3. REMOVE ALL ABANDONED CONDUIT, PIPING, HVAC DUCT, LIGHTING, OUTLETS AND EQUIPMENT.
4. REFER TO PROJECT GENERAL NOTES ON SHEET T1.

KEY NOTES

- ① EXISTING DOOR TO REMAIN.
- ② EXISTING WINDOWS TO REMAIN.
- ③ EXISTING WALLS TO REMAIN.
- ④ REMOVE EXISTING WATER CLOSET, LAVATORY AND RESTROOM EQUIPMENT
- ⑤ REMOVE EXISTING WALL.
- ⑥ REMOVE EXISTING DOOR.
- ⑦ REMOVE EXISTING EQUIPMENT AND ASSOCIATED MECHANICAL, PLUMBING AND ELECTRICAL.
- ⑧ PREPARE SLAB TO RECEIVE NEW PORCELAIN TILE (T-S1) & BASE AS SCHEDULED. (SEE A3 - FINISH SCHEDULE). (REFER TO SHT. A1 FOR EXACT LOCATION).
- ⑨ PREPARE SLAB TO RECEIVE NEW PORCELAIN TILE (T-S3) & BASE AS SCHEDULED. (SEE A3 - FINISH SCHEDULE). (REFER TO SHT. A1 FOR EXACT LOCATION).
- ⑩ NOT USED
- ⑪ REPLACE EXIST. GYP. BD. @ BOTTOM OF WALL WITH NEW CEMENTIOUS BOARD. REFER TO 1 & 2/A8 FOR HT. OF NEW CEMENTIOUS BOARD FROM FLOOR. VERIFY REPLACEMENT OF EXIST. GYP. BD. @ BOTTOM OF EXISTING DEMISED PARTITIONS WITH FIRE MARSHAL BEFORE REMOVAL. MAINTAIN EXISTING RATING OF DEMISED PARTITIONS.
- ⑫ REMOVE EXISTING SUSPENDED CEILING GRID AND PLYWOOD ABOVE. PREP FOR NEW SUSPENDED CEILING.
- ⑬ EXISTING PANEL TO REMAIN. RE: E SHEETS.

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DEMOLITION FLOOR PLAN

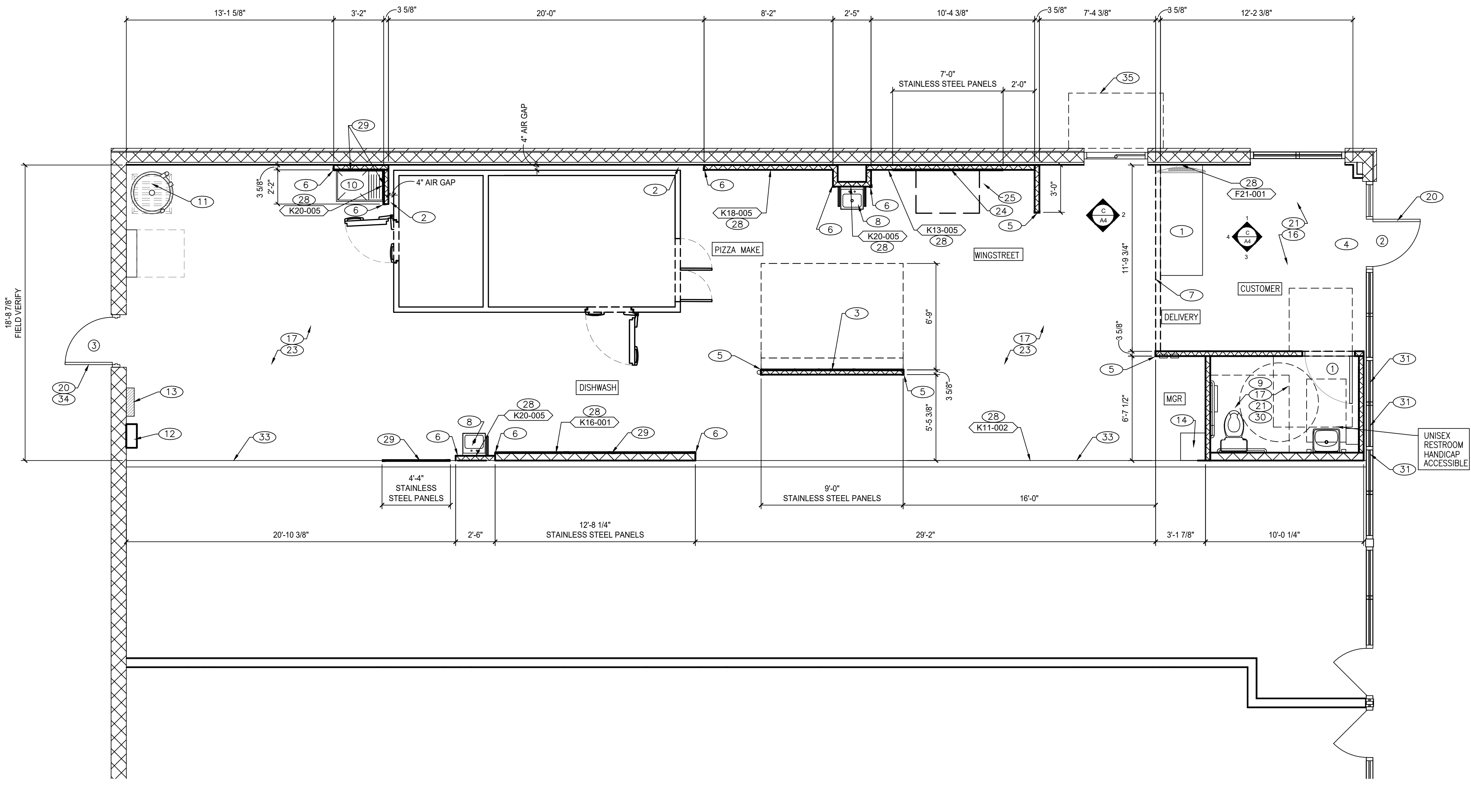
FRANCHISEE
 HUT CAROLINAS LLC
 6200 OAK TREE BLVD
 STE 250
 INDEPENDENCE, OH 44131

PIZZA HUT #2597
 185 MITTIE HADDOCK DRIVE
 CAMERON, NORTH CAROLINA

LICKEL ARCHITECTURE
 14 West 3rd Street, Suite 100
 Kansas City, MO 64105
 (P) 816.421.2100
 (F) 816.421.9201

DANIEL J. LICKEL
 REGISTERED ARCHITECT
 11911
 NORTH CAROLINA
 KANSAS CITY, MO
 2.14.2025

REVISIONS:
 SHEET NUMBER
DM1



NOTE:
FIELD VERIFY
ALL DIMENSIONS

ARCHITECTURAL FLOOR PLAN

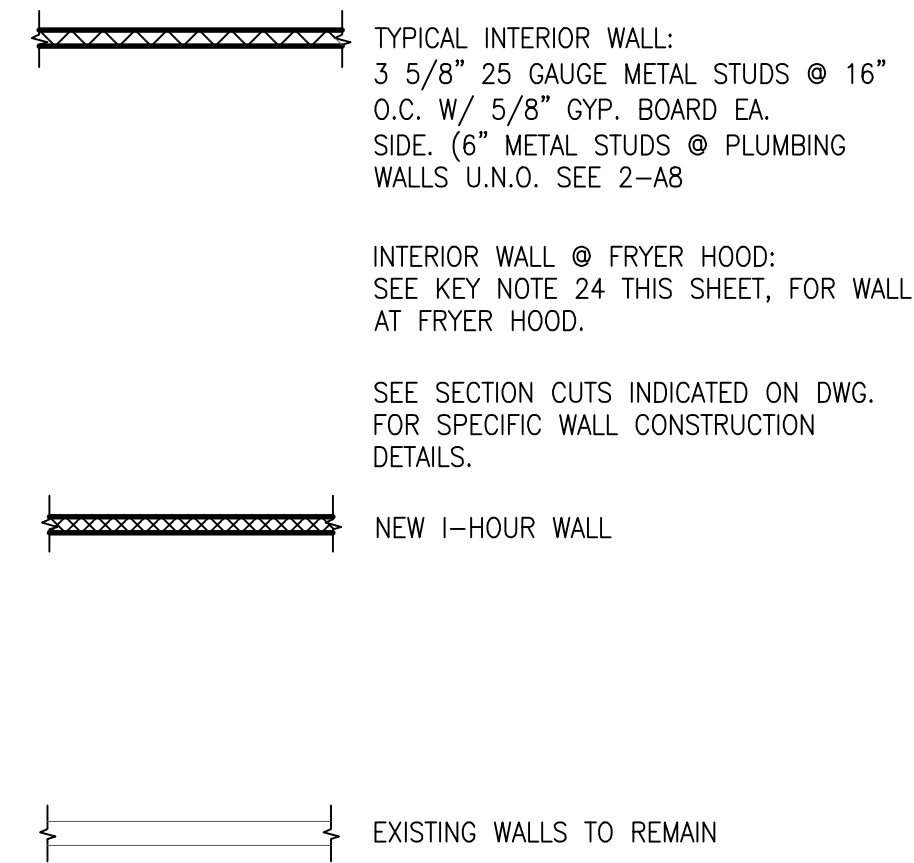
DIMENSIONS
A. ALL DIMENSIONS ARE FROM FACE OF STUD AT NEW WALLS, UNLESS OTHERWISE NOTED.
B. ALL DIMENSIONS ARE FROM FACE OF FINISHED MATERIAL AT EXISTING WALLS, UNLESS OTHERWISE NOTED.

PARTITION
C. ALL INTERIOR WALL FRAMING SHALL BE 3 5/8" METAL STUDS @ 16" O.C. U.O.N.
D. PROVIDE 5/8" THICK EXPOSURE 1 PLYWOOD SUBSTRATE WHERE INDICATED. PLYWOOD SHALL BE FIRE RETARDANT TREATED IN ACCORDANCE WITH SECTION 603.1 OF THE IBC.
E. PROVIDE PROPER BLOCKING AT ALL RECESSED & WALL MOUNTED FIXTURES/ EQUIPMENT.

FINISH SUBSTRATES
F. ALL INTERIOR WALLS SHALL HAVE 5/8" GYP. BOARD SUBSTRATE, UNLESS OTHERWISE NOTED.
G. PROVIDE 5/8" THICK CEMENTITIOUS BOARD FROM FLOOR SLAB TO 12" A.F.F.
PROVIDE TYPE "X" CEMENTITIOUS BOARD FROM FLOOR SLAB TO 12" A.F.F. AT EXISTING DEMISING PARTITIONS. VERIFY TYPE "X" CEMENTITIOUS BOARD WITH LOCAL FIRE MARSHAL.
H. ALL JOINTS, GAPS AND SPACES EXPOSING HOLLOW OR INACCESSIBLE SPACES SHALL BE SEALED WITH NSF APPROVED SEALANTS.
I. SEE SHEET A3 FOR FINISHES

CASEWORK
J. ALL CASEWORK SHALL BE SUPPLIED AND INSTALLED BY G.C.

WALLS
K. NON-BEARING WALLS SHALL BE ANCHORED TO STRUCTURE ABOVE @ 32" O.C. MAX. SEE 2-A8 FOR TYPICAL CONNECTIONS.
L. GYP. BD. SHALL EXTEND 6" ABOVE SUSPENDED CEILING.



NOTE:
REFER TO FINISH SCHEDULE (SHT. A3) FOR INTERIOR FINISHES.

- 1 FRONT COUNTER (2'-8" x 7'-0" LONG), SUPPLIED BY OWNER & INSTALLED BY GENERAL CONTRACTOR. EXTEND COUNTER UNDER WINDOW.
- 2 INSTALL PROPER BLOCKING/BACKER ROD AND SEALANT "VERMIN TIGHT" BETWEEN COOLER/FREEZER AND ADJACENT WALL SURFACES.
- 3 TYPE "1" HOOD WITH ANSUL SYSTEM AT THIS WALL. INSTALL OWNER PROVIDED STAINLESS STEEL PANELS OVER 5/8" TYPE "X" CEMENTITIOUS BOARD. STAINLESS STEEL PANELS SHALL BE 18 GAUGE, #3 FINISH AND REQUIRED CONNECTORS. NO EXPOSED SCREWS/ ATTACHMENTS.
- 4 PROVIDE A SIGN STATING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS" (1" HIGH MIN. LETTERING USING A CONTRASTING COLOR)
- 5 STAINLESS STEEL FULL HEIGHT WALL GUARD. SEE DETAIL 6-A8
- 6 STAINLESS STEEL FULL HEIGHT CORNER GUARD (MARLITE F560SS CORNER GUARD)
- 7 FLOOR TILE TRANSITION.
T-S1 ON CUSTOMER SIDE @ FRONT OF STORE, AREA BETWEEN FUR DOWN AND FRONT COUNTER AND RESTROOM.
TS-3 IN KITCHEN
SEE SHT. A3 - (FINISH SCHEDULE)
- 8 NEW HAND SINK. (SEE SHT. P1)
- 9 INSTALL NEW WATER CLOSET, LAVATORY, GRAB BARS, TOILET PAPER DISPENSER, SANITARY NAPKIN DISPOSAL, PAPER TOWEL DISPENSER AND MIRROR PER CODE REQUIREMENT. (SEE A,D/A4). PROVIDE BACKING IN WALL.
- 10 NEW MOPSINK. (SEE SHT. P1)
- 11 NEW WATER HEATER (SEE SHT. P1)
- 12 ELECTRICAL PANEL "A" (SEE SHT. E1)
- 13 ELECTRICAL PANEL "B" (SEE SHT. E1)
- 14 NEW TELEPHONE BOARD. (SEE SHT. E1 & E2) PROVIDE 2" PVC CONDUIT AT CEILING FOR DATA CABLING. VERIFY LENGTH WITH CM. VERIFY BLOCKING REQUIREMENTS WITH CONSTRUCTION MANAGER.
- 15 GREASE INTERCEPTOR, REFER TO PLUMBING SHEET.
- 16 NEW 2'x2' SUSPENDED CEILING GRID W/NEW ACOUSTICAL CEILING TILES. RE: SHT A3 FOR TYPE. (SEE SHT. A7 - REFLECTED CEILING PLAN)
- 17 NEW 2'x4' SUSPENDED CEILING GRID W/ NEW ACOUSTICAL WASHABLE VINYL CEILING TILES. RE: SHT. A3 FOR TYPE. (SEE SHT. A7 - REFLECTED CEILING PLAN)
- 18 NOT USED.
- 19 NOT USED.
- 20 EXISTING DOOR AND DOOR HARDWARE APPEAR TO BE COMPLIANT WITH ACCESSIBILITY REQUIREMENTS AND/OR FIRE EXITING AS GATHERED IN FIELD BY OWNER.

BY CONTRACT, THE ARCHITECT IS NOT RESPONSIBLE FOR GATHERING EXISTING FIELD INFORMATION. NOT ALL EXISTING CONDITIONS OF THE BUILDING WERE FULLY PROVIDED TO THE ARCHITECT BY THE OWNER.

ALL EXISTING DOORS AND DOOR HARDWARE SHALL BE FIELD VERIFIED BY GENERAL CONTRACTOR AND CONSTRUCTION MANAGER TO ENSURE COMPLIANCY WITH ACCESSIBILITY REQUIREMENTS AND/OR REQUIREMENTS FOR FIRE EXITING.

GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL ANY ADDITIONAL DOOR HARDWARE IF REQUIRED.
- 21 NEW TS-1. (SEE SHT. A3 - FINISH SCHEDULE)

NOTE:
VERIFY PATTERN WITH CONSTRUCTION MANAGER BEFORE INSTALLATION.
- 22 NOT USED
- 23 NEW TS-3. (SEE SHT. A3 - FINISH SCHEDULE)
- 24 STAINLESS STEEL PANELS (18 GAUGE, #3 FINISH) OVER 5/8" TYPE "X" CEMENTITIOUS BOARD. STAINLESS STEEL PANELS WILL EXTEND A MIN. OF 18" ABOVE TOP OF HOOD DOWN TO TOP OF BASE TILE. NO EXPOSED SCREWS/ATTACHMENTS.

STAINLESS STEEL PANELS PROVIDED BY OWNER AND INSTALLED BY GENERAL CONTRACTOR.
- 25 TYPE I HOOD WITH ANSUL SYSTEM, REF. M6

G.C. TO INSTALL STAINLESS STEEL SKIRT (PROVIDED BY NPC) FROM WINGSTREET FRYER HOOD TO CEILING. COORDINATE WITH CONSTRUCTION MANAGER.
- 26 NOT USED.
- 27 NOT USED.
- 28 PROVIDE BACKING IN WALL FOR WALL MOUNTED EQUIPMENT ITEMS AS FOLLOWS:

F21-001	K18-005	K11-001	K11-002
VERIFY SIZE WITH CM.	24"X96" CL AT 72" AFF	VERIFY SIZE WITH CM.	VERIFY SIZE WITH CM.
K20-005	K16-001	K13-005	
12"X30" CL AT 72" AFF	40"X40" CL AT 67.5" AFF	31"X38" CL AT 57.5" AFF	

COORDINATE EQUIPMENT ITEM NUMBERS WITH SHEET A2 AND A2.1
- 29 INSTALL OWNER FURNISHED STAINLESS STEEL PANELS (18 GAUGE, #3 FINISH) OVER 5/8" SHEETROCK/CEMENTIOUS BOARD. PANELS WILL EXTEND A MIN. OF 1" ABOVE CEILING AND DOWN TO 1" BELOW TOP OF BASE TILE. NO EXPOSED SCREWS/ATTACHMENTS.
- 30 PROVIDE BACKING IN WALL AS REQUIRED FOR TOILET FIXTURES IN THE RESTROOM. REFER TO SHEET A/A4.
- 31 PROVIDE 3M FILM ON INTERIOR SIDE OF WINDOWS AT THE SPECIFIED LOCATIONS. VERIFY TYPE/ COLOR OF WINDOW FILM WITH CONSTRUCTION MANAGER.
- 32 NOT USED.
- 33 WATERPROOF DEMISING WALL. RE: 3/A8.1.
- 34 INSTALL WIDE ANGLE DOOR VIEWER. VERIFY TYPE AND PLACEMENT WITH CM.
- 35 NEW CANOPY AND LIGHT ABOVE PICK-UP WINDOW.

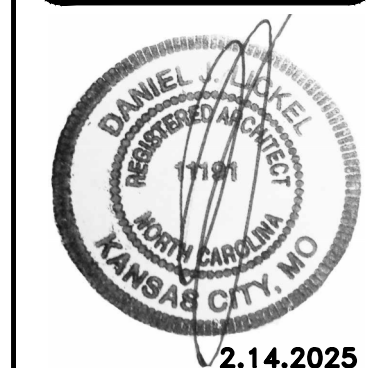
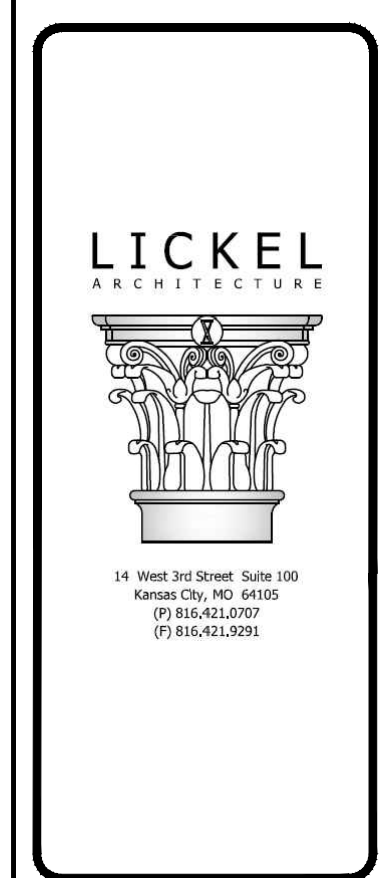


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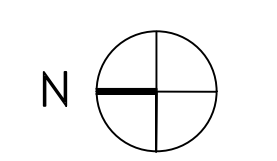
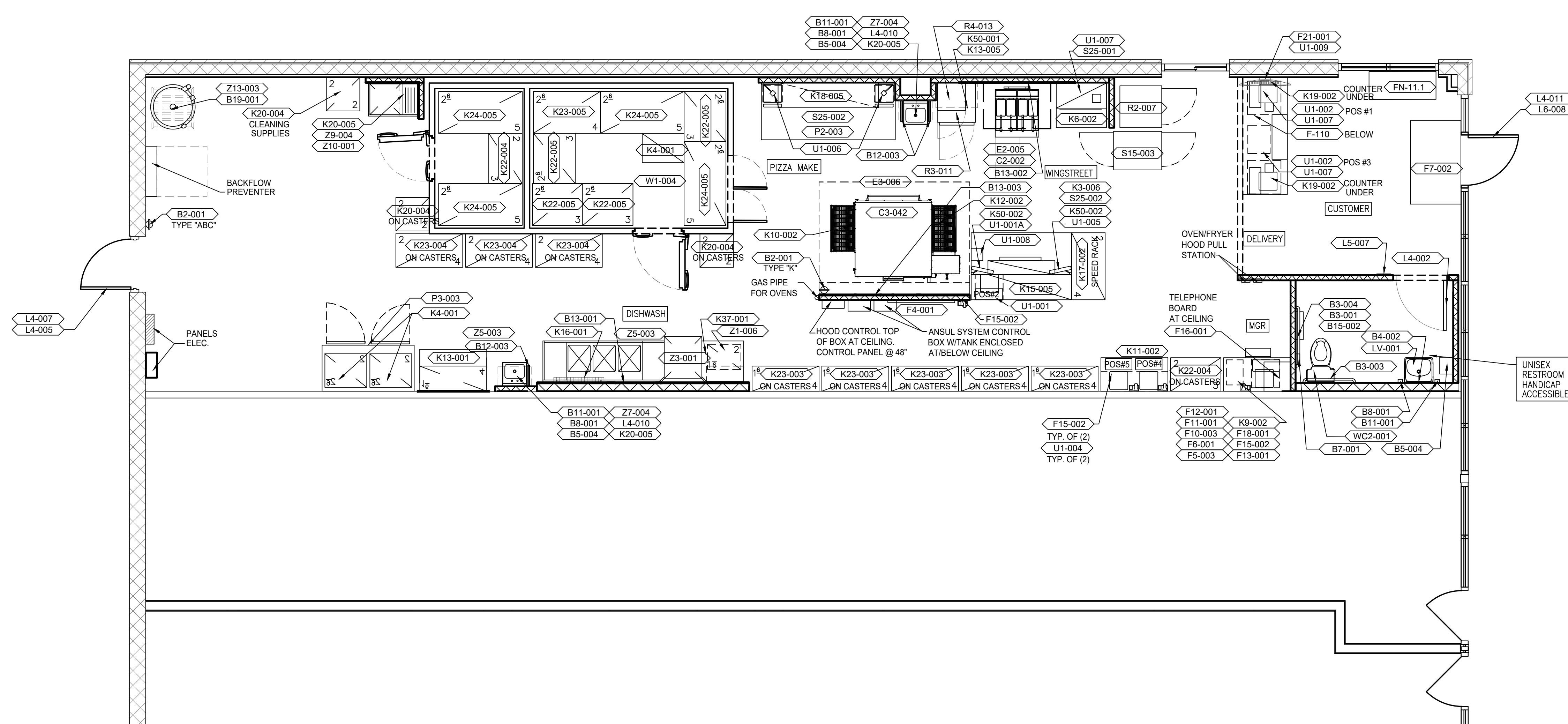
EQUIPMENT PLAN



PIZZA HUT #2597
 185 MITTIE HADDOCK DRIVE
 CAMERON, NORTH CAROLINA



REVISIONS:
 SHEET NUMBER
A2



EQUIPMENT SCHEDULE

Table with columns: REL, NO., QTY, BY G.C. SUPPLY, INST., ITEM DESCRIPTION, MFR. & MODEL NUMBER, PLUMB, ELECT, GAS, REMARKS, NO. Includes sections for Miscellaneous Building Elements, Cooking Equipment, Exhaust Hoods, Office/Employee/Music/Misc., Workstations/Shelving/Carts, and Kitchen Plumbing Equipment.

EQUIPMENT SCHEDULE

Table with columns: REL, NO., QTY, BY G.C. SUPPLY, INST., ITEM DESCRIPTION, MFR & MODEL NUMBER, PLUMB, ELECT, GAS, REMARKS, NO. Includes sections for Light Boxes/Misc. Signage/Menuboard, Food Preparation, Refrigeration, Servicing/Pick-up, Security/Comm./Fire Prot./Pos, Walk-in Coolers/Freezers, and Kitchen Plumbing Equipment.

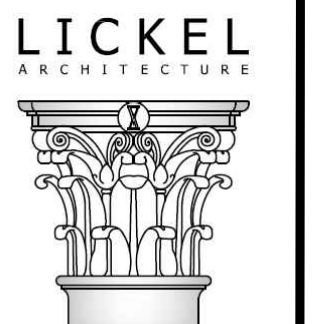
DATE: 2.14.2025
JOB NO: 2597
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CHECKED: DL

EQUIPMENT SCHEDULE

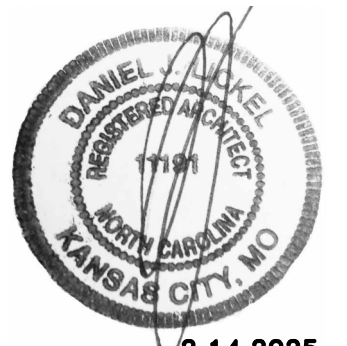


FRANCHISEE
HUT CAROLINAS LLC
6200 OAK TREE BLVD
STE 250
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PIZZA HUT #2597
185 MITTIE HADDOCK DRIVE
CAMERON, NORTH CAROLINA



14 West 3rd Street, Suite 100
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(816) 421-2707
(816) 421-2024



2.14.2025

SHEET NUMBER

A2.1

REVISIONS:

ROOM NAME	FLOOR	BASE	NORTH WALL	SOUTH WALL	EAST WALL	WEST WALL	CEILING
FRONT CUSTOMER AREA AND SERVICE AREA BETWEEN FRONT COUNTER AND FUR DOWN	(T-S1) PORCELAIN FLOOR TILE	(B-S1) SANITARY COVE BASE	PAINT BULKHEAD (P-S9).	(WC-S2) VINYL WALL COVERING WAINSCOT TO 2'-10" A.F.F. TRIM (SF-S3) PAINT (P-S4) FROM TRIM TO CEILING.	(WC-S2) VINYL WALL COVERING WAINSCOT TO 2'-10" A.F.F. TRIM (SF-S3) PAINT (P-S4) FROM TRIM TO CEILING.	PAINT RESTROOM DOOR AND ADJACENT WALL (SF-S5).	(CL-1) SUSPENDED ACOUSTICAL CEILING @10'-2" AFF. (SEE SHEET A7)
UNISEX HANDICAP ACCESSIBLE RESTROOM	(T-S1) PORCELAIN FLOOR TILE	(T-S1) PORCELAIN FLOOR TILE W/ SCHLUTER COVE	FRP-2	FRP-2	FRP-2	FRP-2	(CL -2) SUSPENDED ACOUSTICAL CEILING @ 8'-0" AFF. (SEE SHEET A7)
ALL KITCHEN AREAS	(T-S3) PORCELAIN FLOOR TILE	(B-S3) SANITARY COVE BASE	FRP WHITE	FRP WHITE	FRP WHITE	FRP WHITE	(CL -2) SUSPENDED ACOUSTICAL CEILING @ 9'-3" AFF. (SEE SHEET A7)
WALK-IN COOLER	(T-S3) PORCELAIN FLOOR TILE	METAL COVE BASE	ALUMINUM PANEL	ALUMINUM PANEL	ALUMINUM PANEL	ALUMINUM PANEL	ALUMINUM PANEL
WALK-IN FREEZER	ALUMINUM FLOOR PANEL	METAL COVE BASE	ALUMINUM PANEL	ALUMINUM PANEL	ALUMINUM PANEL	ALUMINUM PANEL	ALUMINUM PANEL

FLOORS		
SYM	DESCRIPTION	ALTERNATE/NOTES
T-S1	MFG: DAL TILE PORTFOLIO TYPE: PORCELAIN TILE COLOR: ASHE GRAY, MATTE SIZE: 12" X24" GROUT: LATICRETE #78 STERLING SILVER, 1/8"	LOBBY, RESTROOM NON-COMBUSTIBLE
T-S3	MFG: CROSSVILLE TYPE: PORCELAIN TILE COLOR: GRAY MINGLE #R001 SIZE: 8" X 8" CROSSHEAD GROUT: LATICRETE #78 STERLING SILVER, 1/8" CROSSVILLE TONI HALE 931-456-3997	KITCHEN AREAS INCLUDING UNDER WALK-IN COOLER / FREEZER, SEAL WALK-IN COOLER / FREEZER TO FLOOR TILE AROUND THE ENTIRE INTERIOR AND EXTERIOR PERIMETERS. NON-COMBUSTIBLE

WALL BASE		
SYM	DESCRIPTION	ALTERNATE/NOTES
B-S1	MFG: TARKETT TYPE: JOHNSONITE DURACOVE 6" COLOR: T44 GATEWAY SIZE: 6"	LOBBY HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (0=MINIMAL HAZARD; 4=SEVERE HAZARD) FLAMMABILITY=1
B-S3	MFG: CROSSVILLE TYPE: PORCELAIN TILE COVE BASE COLOR: GRAY MINGLE #R001 SIZE: 6" X 8" 3/8" CROSSSLATE GROUT: LATICRETE #78 STERLING SILVER, 1/8"	KITCHEN AREAS NON-COMBUSTIBLE

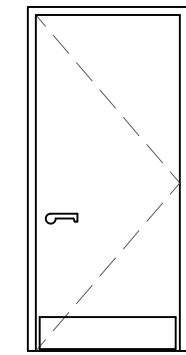
CEILINGS		
SYM	DESCRIPTION	ALTERNATE/NOTES
CL-1	MFR: USG INTERIORS, INC. TYPE: FROST CLIMALPLUS COLOR: WHITE SIZE: 2X2X1/2"	CASH OUT, CUSTOMER, RESTROOM ACOUSTICAL CEILING GRID SHALL BE EQUAL TO ARMSTRONG PRELUDE 1516' OR U.S. GYPSUM ENVIRONMENTAL ZXA GRID SYSTEM, WIDE-FACED, ALUMINUM CAPPED, DOUBLE-WEB, HOT DIP GALVANIZED STEEL, INTERMEDIATE-DUTY, HIGH HUMIDITY FINISH. MATCH CEILING TILE COLOR. ASTM E84 SURFACE BURNING CHARACTERISTICS: CLASS A FLAME SPREAD: 25 SMOKE DEVELOPED: 50
CL-2	MFR: USG INTERIORS, INC. TYPE: CLIMALPLUS, VINYL COLOR: WHITE SIZE: 2'X4'X1/2" #3270 ACOUSTICAL SUSPENSION SYSTEM: DONN ZLXA	KITCHEN AREAS / UTILITY ROOM ALTERNATE CEILING TILE: VINYLROCK BY CERTAINTEED CORP. ACOUSTICAL SUSPENSION SYSTEM: CLASSIC ENVIRONMENTAL STAB SYSTEM BY CERTAINTEED CORP. ASTM E84 SURFACE BURNING CHARACTERISTICS: CLASS A FLAME SPREAD: 25 SMOKE DEVELOPED: 50

WALLS/DOORS		
SYM	DESCRIPTION	ALTERNATE/NOTES
FRP	MFR: MARLITE TYPE: MFR NO. P-100 COLOR: WHITE	ALTERNATES: 1. PARKLAND PERFORMANCE, PLASTEX NRP, COLOR: WHITE, NU CRACKED - ICE FINISH 2. NUDO PROD. INC. FIBERLITE LP-FR-FR, COLOR: WHITE 3. SEQUENTIA INC. STRUCTOGLASS, STRUCTOGLASS PYRO-PANL, COLOR: WHITE 4. LINEYMANICS DYTOTECH INDUSTRIES, KEMILITE, GLASBORD-P, KEMILITE FIRE-X GLASBORD COLOR: WHITE #85 CLASS III/C FIRE RATINGS PER ASTM E-84 FLAME SPREAD AND SMOKE DEVELOPMENT TESTS
FRP-2	MFR: MARLITE SYMMETRIX TYPE: 6" X 12" VERTICAL TILE CONFIGURATION COLOR: WHITE WITH GREY GROUT LINES SS917	RESTROOM WALLS
P-S4	MFG: SHERWIN WILLIAMS TYPE: SEMI-GLOSS ENAMEL COLOR: 'IVORY LACE' - #SW7013	LOBBY
P-S9	MFG: SHERWIN WILLIAMS TYPE: SEMI-GLOSS ENAMEL COLOR: 'DORIAN GRAY' - SW7017	BULK-HEAD
SF-S5	MFG: SHERWIN WILLIAMS TYPE: WATER BASED ENAMEL, EGGSHELL COLOR: 'BLACK FOX' - SW7020	RESTROOM DOOR, LOBBY
SF-S7	MFG: SHERWIN WILLIAMS TYPE: WATER BASED ENAMEL, EGGSHELL COLOR: 'IVORY LACE' - SW7013	LOBBY
P-3	MFG: SHERWIN WILLIAMS TYPE: SEMI-GLOSS ENAMEL COLOR: 'GREY CLOUDS' - SW7658	KITCHEN DOORS & FRAMES
P-4	MFG: SHERWIN WILLIAMS TYPE: SEMI-GLOSS ENAMEL COLOR: 'SUPER WHITE' OR 'WHITE' AS BEST MATCHES FRP WHITE.	SUPPORT / UTILITY ROOM U.N.O.
WC-S2	MFG: WOLF GORDON TYPE: VINYL WALLCOVERING COLOR: RAMPART / TAMARA #GCH-3366004 'STONE'	1. WALLS TO HAVE MINIMUM LEVEL 4 FINISH AND ONE COAT PRIMER FREDDY ORTIZ 718-391-5452 ASTM E84 SURFACE BURNING CHARACTERISTICS: CLASS A FLAME SPREAD: 18 SMOKE DEVELOPED: 45
T-S2	MFG: CROSSVILLE TYPE: PORCELAIN TILE COLOR: COLOR BY NUMBERS THREE HOUR TOUR, GLOSS SIZE: 4" X 8" GROUT: LATICRETE #90 LIGHT PEWTER, 1/16"	LOBBY AND RESTROOM

TILE TRIM		
SYM	DESCRIPTION	ALTERNATE/NOTES
SF-S1	MFG: SCHLUTER TYPE: SCHIENE, GREIGE, A45	FLOOR TRANSITION, TILE TO TILE
SF-S2	MFG: SCHLUTER TYPE: JOLLY, GREIGE, J 80EB	RESTROOM AND LOBBY WALL TILE
SF-S3	MFG: FRY REGLET TYPE: WALL COVERING TRIMS PRODUCT NUMBER: WCTBT125-217 COLOR: GUN METAL GRAY 1012 SIZE: 1/8" OR LESS	LOBBY WAINSCOT TRIM

FINISH SCHEDULE **A**

DOOR NO.	DOOR SIZE	PAIR	SINGLE	DOOR	MATL	FRAME	BUTTS	LOCKS	CLOSER	KICK PLATE	THRESHOLD	DOOR STOP	PUSH	PULL	MISC.
1	3'-0" X 7'-0" X 1 3/4"				HM	HM	1 2 3 4	1 2 3 4 5 6 7	1 2 3	1 2 3	1 2 3	1 2 3	1 2	1 2	
2	EXISTING TO REMAIN				AL	AL									
3	EXISTING TO REMAIN				HM	HM									



1

WINDOW TYPE **D**

DOOR TYPE **B**

DOOR SCHEDULE **C**

- ALL HARDWARE SHALL BE FURNISHED & INSTALLED BY G.C. U.O.N.
- ALL HARDWARE FINISH 26D.
- ALL H.M. FRAMES SHALL BE 16 GA. STL. U.O.N.
- ALL LOCKS SHALL BE INTERCHANGEABLE CORE SUPPLIED & INSTALLED BY THE G.C. ALL EXTERIOR LOCKS TO BE PROVIDED WITH CONSTRUCTION CORES. ALL PERMANENT CORES SHALL BE KEYPED ALIKE.
- PANIC HARDWARE SHALL BE EQUAL TO JACKSON 1085, CONCEALED VERTICAL ROD EXIT DEVICE.
- SEE SPECIFICATIONS FOR ALTERNATE MANUFACTURERS.
- EXISTING DOORS & DOOR HARDWARE MUST MEET ALL REQUIREMENTS AS A FIRE EXIT AND/OR MEET ACCESSIBILITY REQUIREMENTS. NPC FACILITIES/PROJECT MANAGER TO VERIFY. G.C. TO PROVIDE AND INSTALL NEW HARDWARE IF EXISTING HARDWARE DOES NOT MEET REQUIREMENTS.
- ALL EXTERIOR THRESHOLDS NOT TO EXCEED 1/2" HT. AND SHALL MEET ALL ACCESSIBILITY REQUIREMENTS.

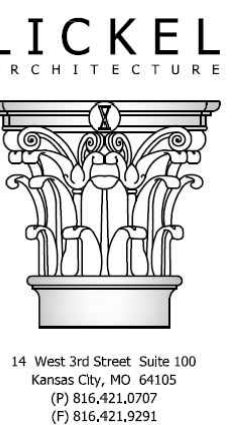
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FINISH SCHEDULE



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PIZZA HUT #2597
185 MITTIE HADDOCK DRIVE
CAMERON, NORTH CAROLINA



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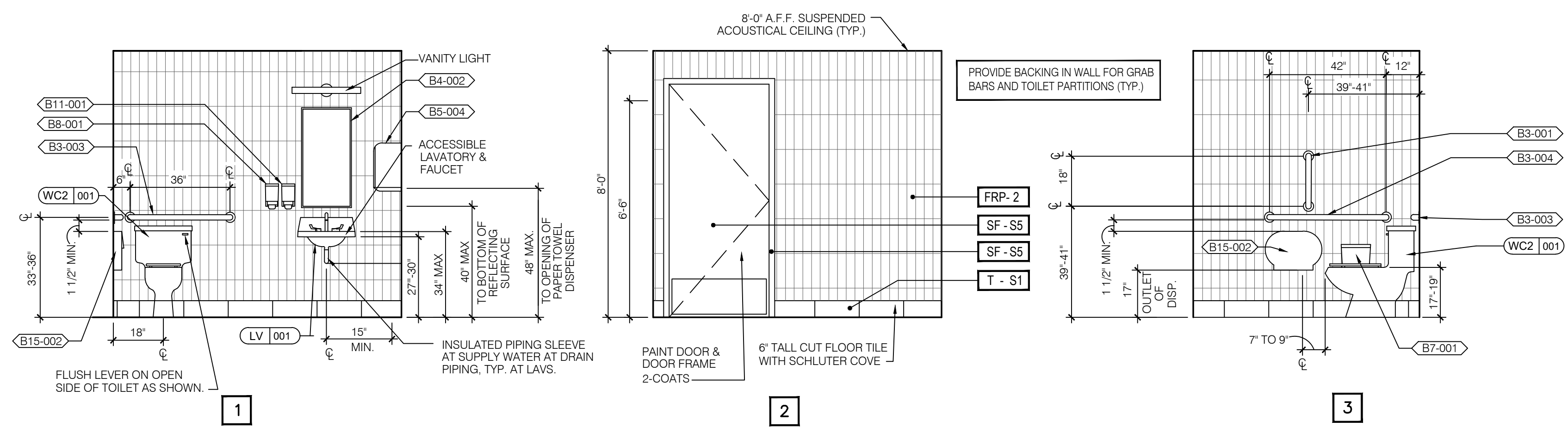


2.14.2025

SHEET NUMBER

A3

REVISIONS:



NOTE:
G.C. AND CONSTRUCTION MANAGER TO VERIFY WITH CITY, WHETHER TO USE ADA OR ANSI STANDARDS AND/OR ANY LOCAL OR STATE ACCESSIBILITY REQUIREMENTS FOR INSTALLATION OF ALL RESTROOM FIXTURES & ACCESSORIES.

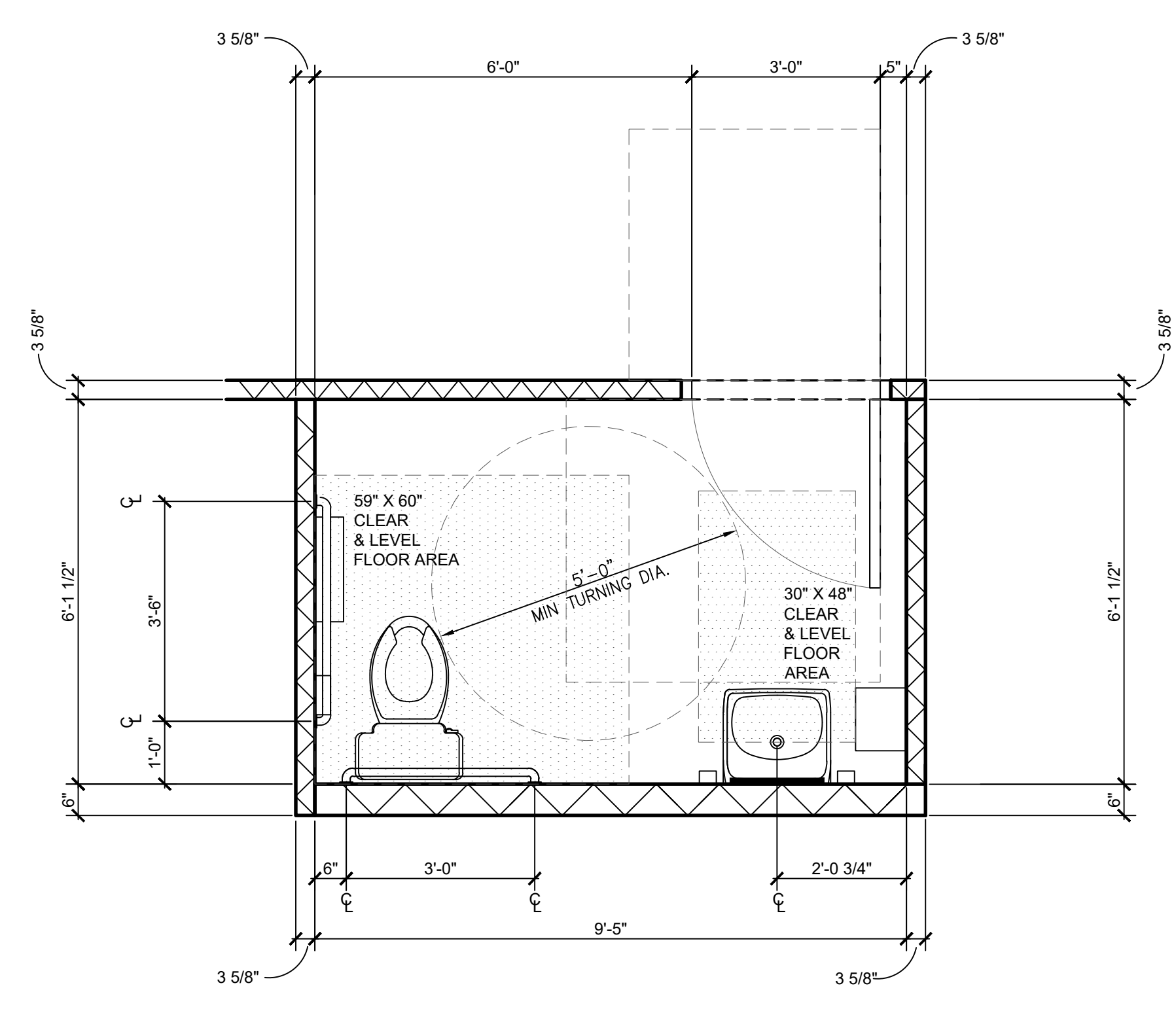
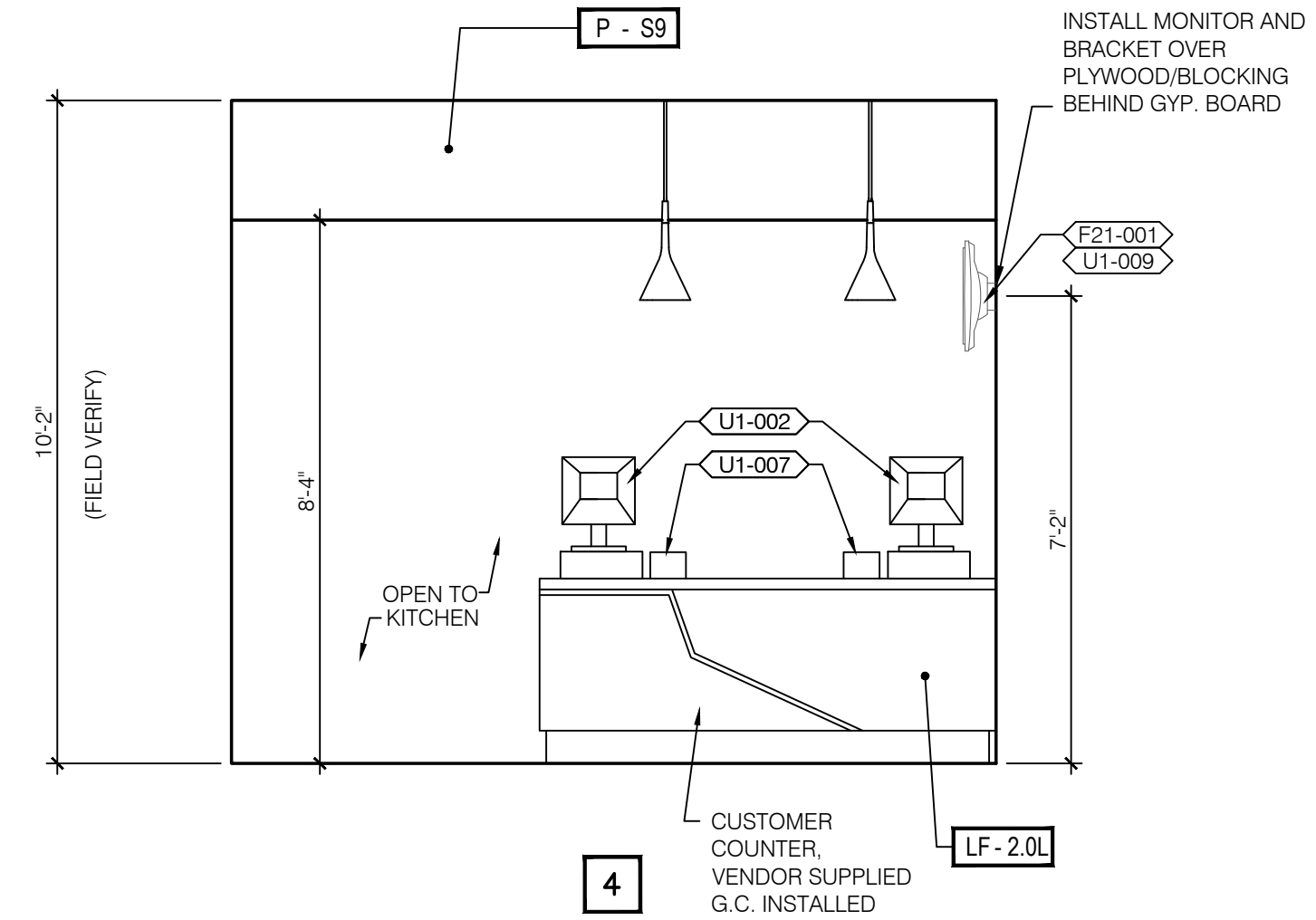
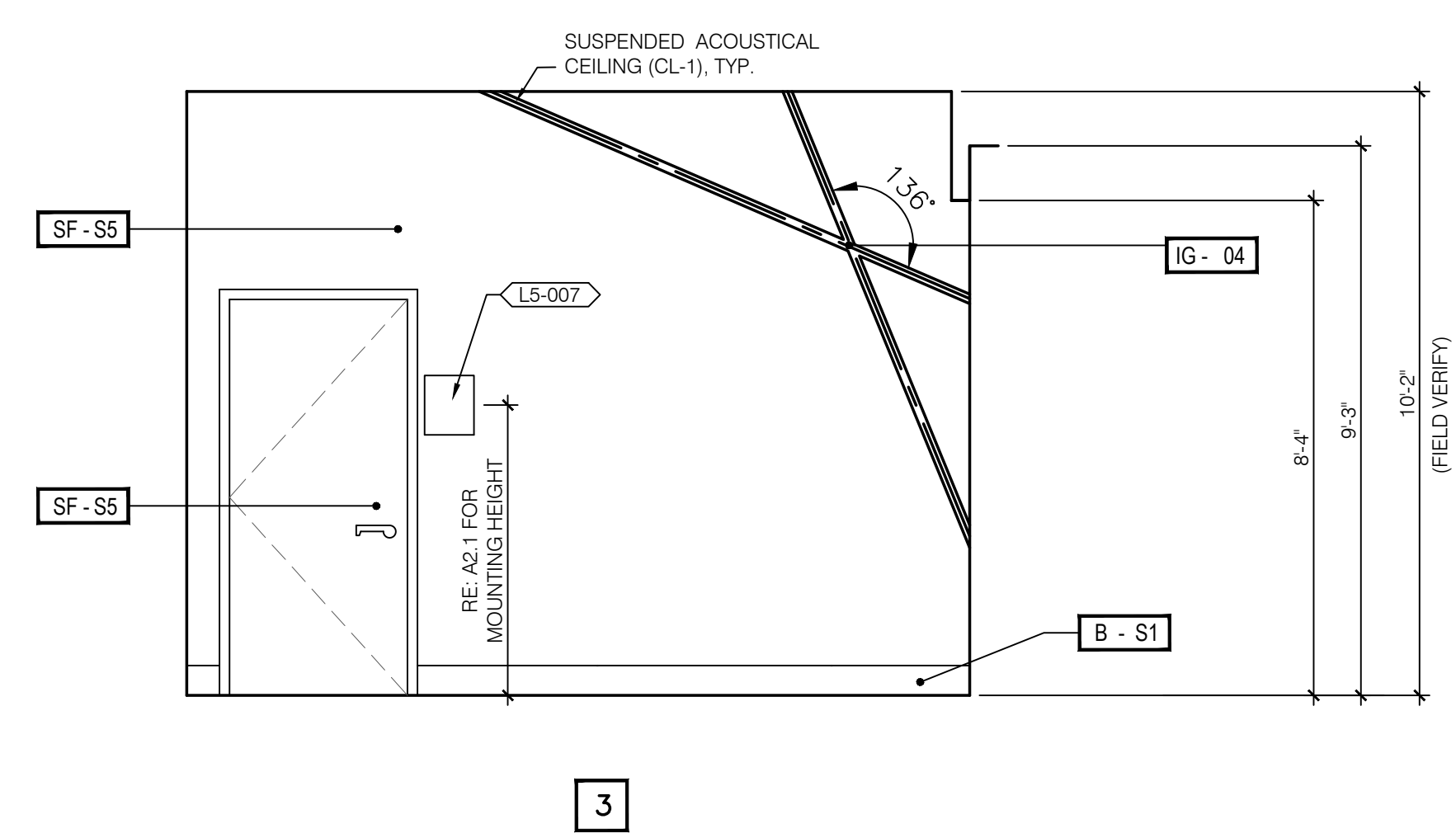
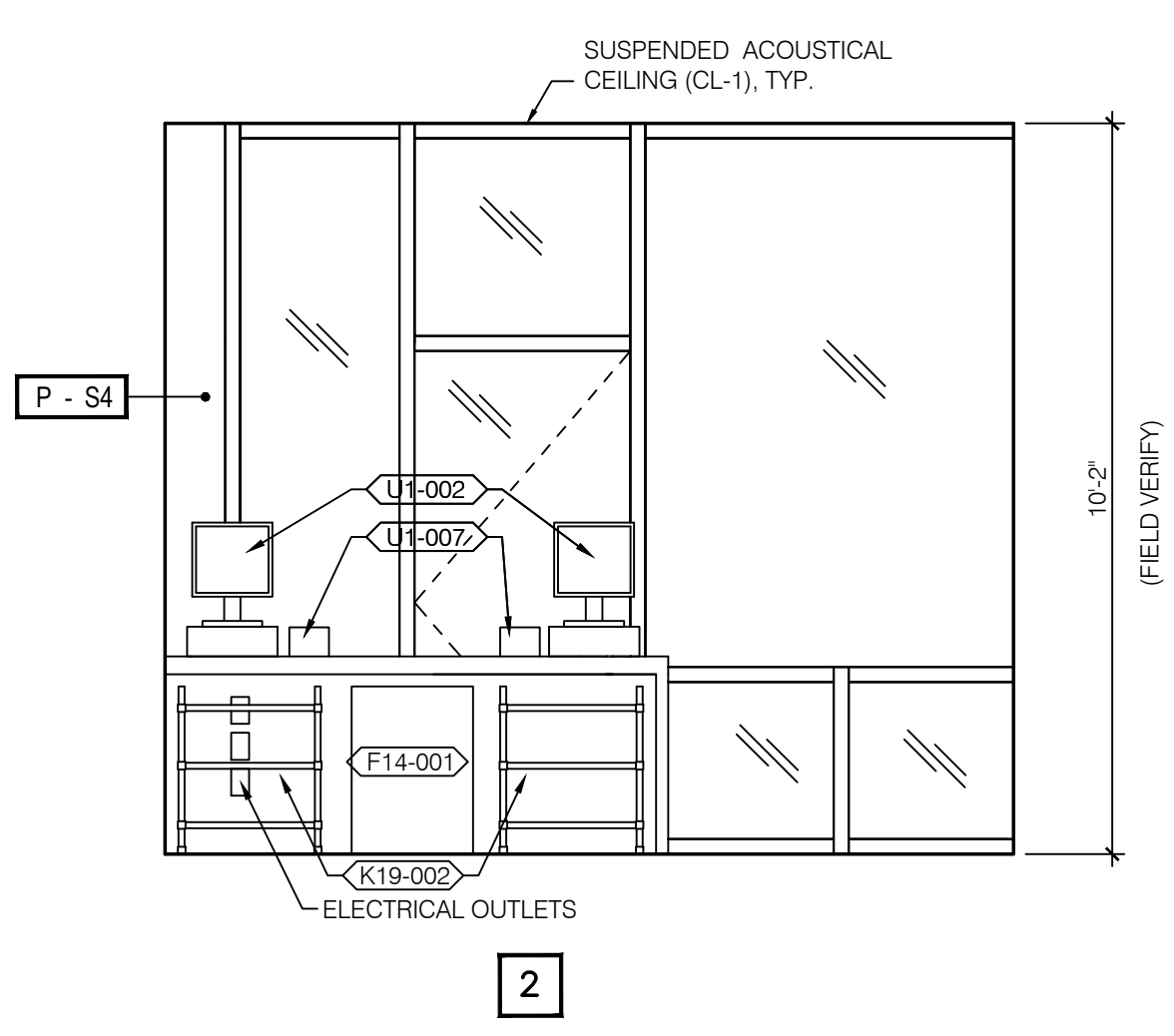
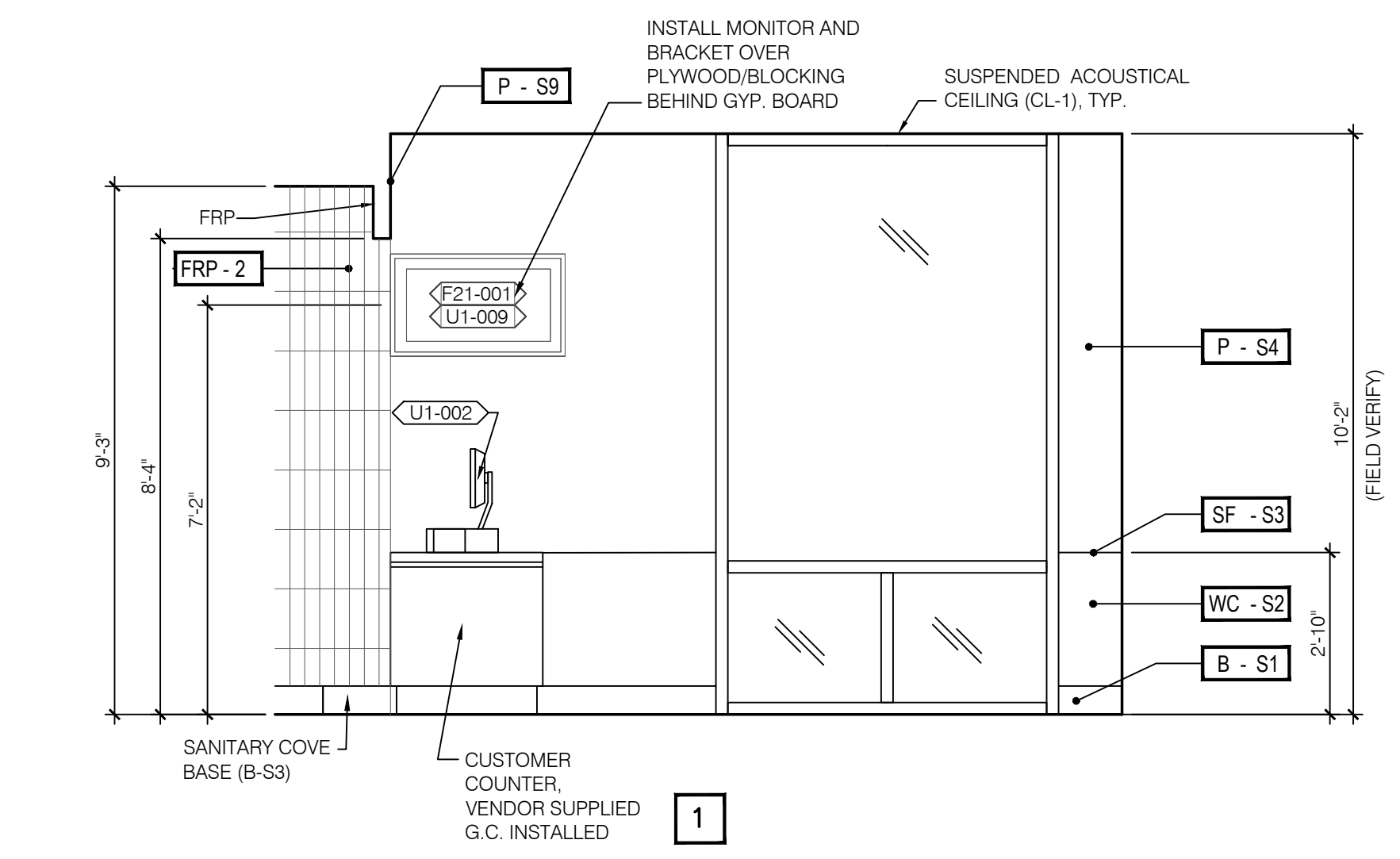
NOTE:
DIMENSIONS SHOWN ARE TO FACE OF FINISH MATERIALS.

A HANDICAPPED ACCESSIBLE RESTROOM (TYPICAL)

3/8" = 1'-0"

B NOT USED

N.T.S.



NOTE: DIMENSIONS FOR TOILET FIXTURES, GRAB BARS, LAVATORIES AND CLEAR AREAS ARE TO FACE OF FINISH MATERIALS

C CUSTOMER CARRY-OUT / SERVICE

3/8" = 1'-0"

D ENLARGED RESTROOM PLAN

1/2" = 1'-0"

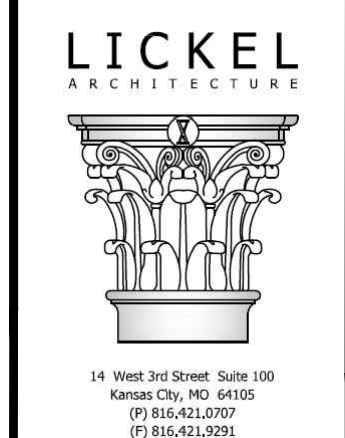
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CUSTOMER CARRY-OUT,
SERVICE COUNTER AND
RESTROOM ELEVATIONS
AND DETAILS



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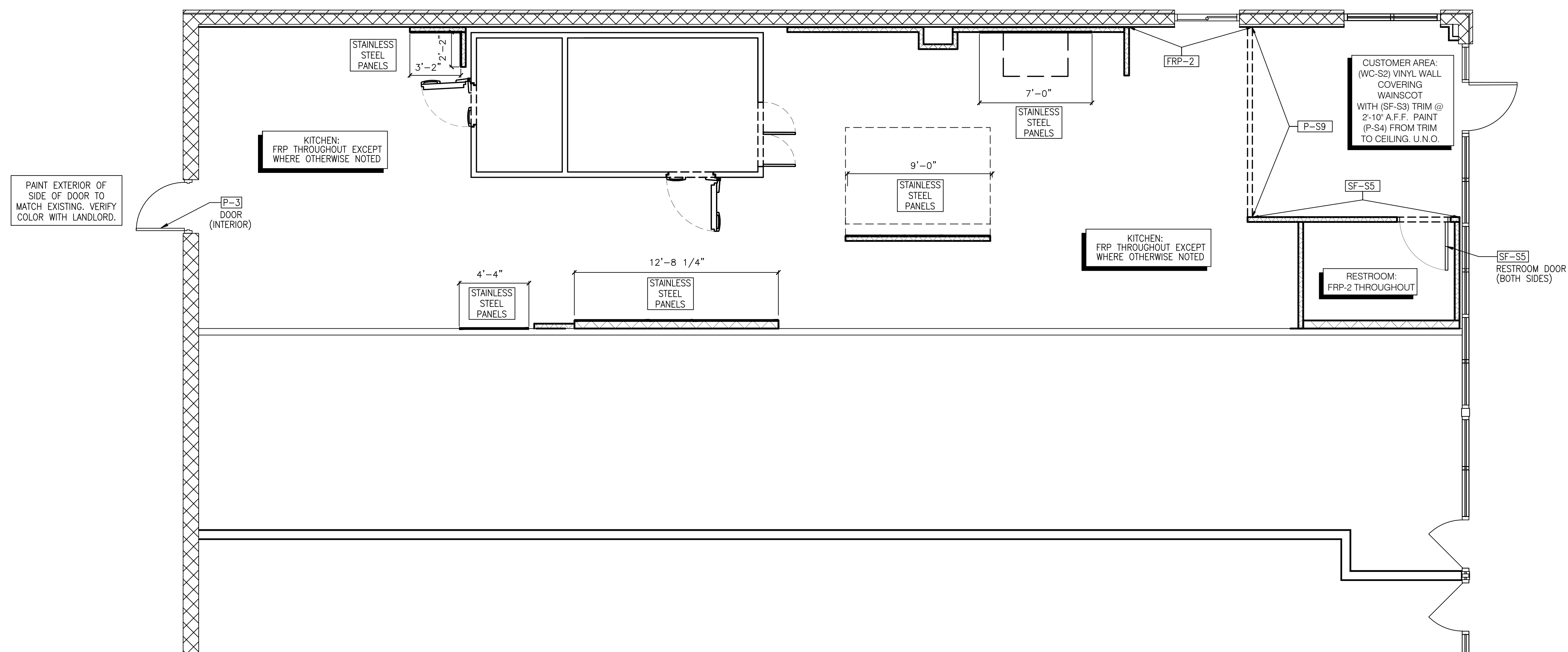


2.14.2025

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A4

REVISIONS:



PAINT EXTERIOR OF SIDE OF DOOR TO MATCH EXISTING. VERIFY COLOR WITH LANDLORD.

P-3 DOOR (INTERIOR)

KITCHEN: FRP THROUGHOUT EXCEPT WHERE OTHERWISE NOTED

STAINLESS STEEL PANELS

4'-4"
STAINLESS STEEL PANELS

12'-8 1/4"
STAINLESS STEEL PANELS

9'-0"
STAINLESS STEEL PANELS

7'-0"
STAINLESS STEEL PANELS

KITCHEN: FRP THROUGHOUT EXCEPT WHERE OTHERWISE NOTED

FRP-2

RESTROOM: FRP-2 THROUGHOUT

SF-S5 RESTROOM DOOR (BOTH SIDES)

CUSTOMER AREA: (WC-S2) VINYL WALL COVERING WAINSCOT WITH (SF-S3) TRIM @ 2'-10" A.F.F. PAINT (P-S4) FROM TRIM TO CEILING. U.N.O.

P-S9

SF-S5



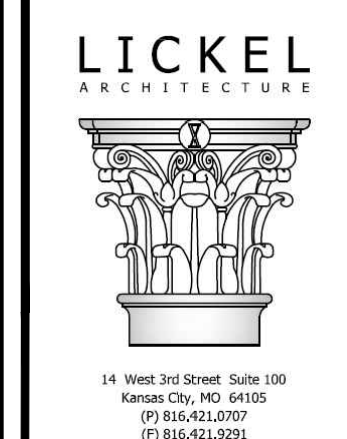
1/4"=1'-0" A

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INTERIOR WALL FINISH PLAN

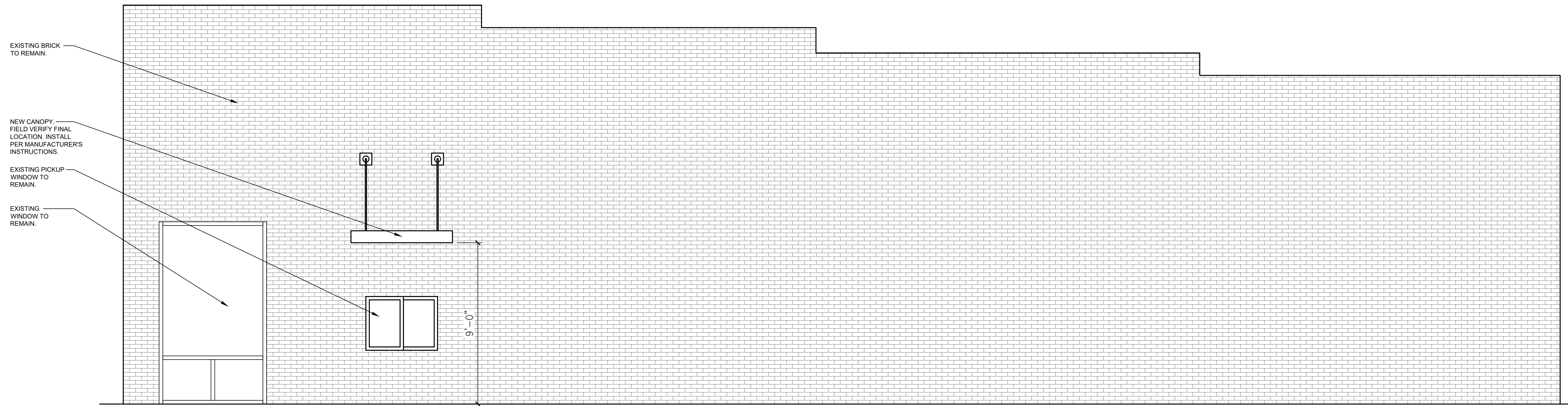


PIZZA HUT #2597
185 MITTIE HADDOCK DRIVE
CAMERON, NORTH CAROLINA



2.14.2025

REVISIONS:
SHEET NUMBER
A5



EXTERIOR SIDE ELEVATION

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EXTERIOR
 ELEVATIONS

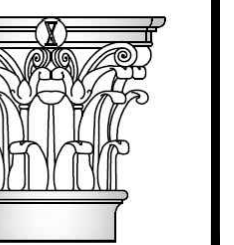


FRANCHISEE

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 6200 OAK TREE BLVD
 STE 250
 INDEPENDENCE, OH 44131

PIZZA HUT #2597
 185 MITTIE HADDOCK DRIVE
 CAMERON, NORTH CAROLINA

LICKEL
 ARCHITECTS



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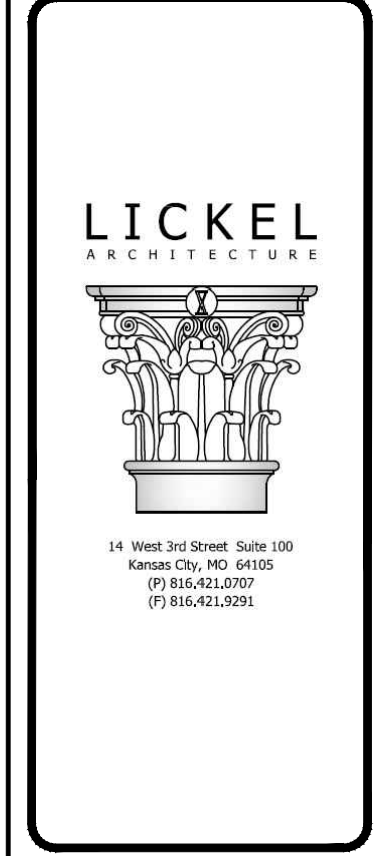
A6

REVISIONS:

REFLECTED
 CEILING PLAN



PIZZA HUT #2597
 185 MITTIE HADDOCK DRIVE
 CAMERON, NORTH CAROLINA



±10'-2"/9'-3"/8'-0" (AS SHOWN)
 FIELD VERIFY

INSTALL NEW SUSPENDED ACOUSTICAL CEILING.

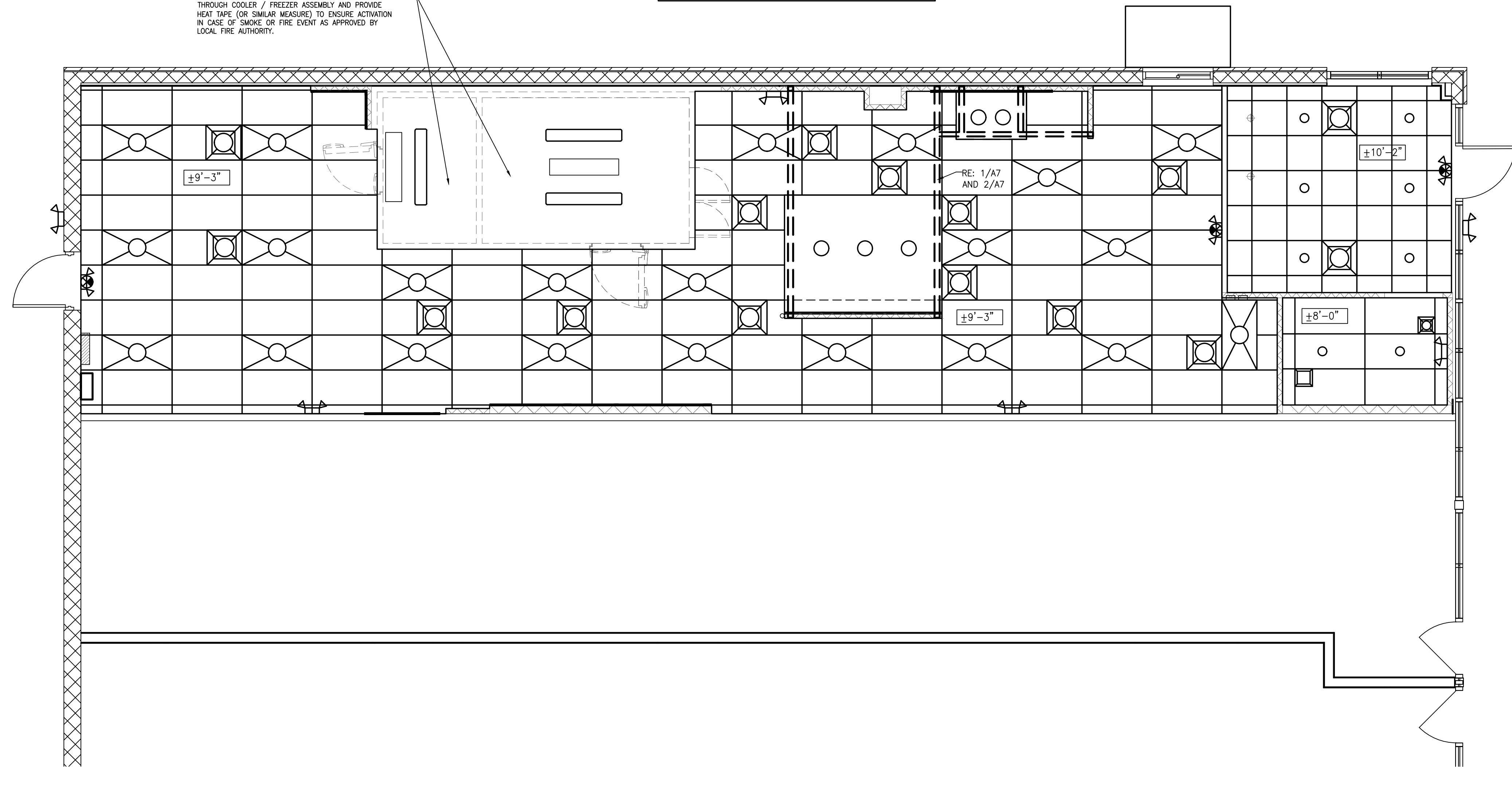
INSTALL NEW SUSPENDED CEILING GRID CROSS MEMBERS WHERE INSTALLING NEW 2'x2' ACOUSTICAL CEILING TILES.

INSTALL NEW UNFACED R-30 INSULATION ABOVE NEW SUSPENDED ACOUSTICAL CEILING.

INSTALLER SHALL EXTEND SPRINKLER HEAD(S) AND PIPING THROUGH COOLER / FREEZER ASSEMBLY AND PROVIDE HEAT TAPE (OR SIMILAR MEASURE) TO ENSURE ACTIVATION IN CASE OF SMOKE OR FIRE EVENT AS APPROVED BY LOCAL FIRE AUTHORITY.

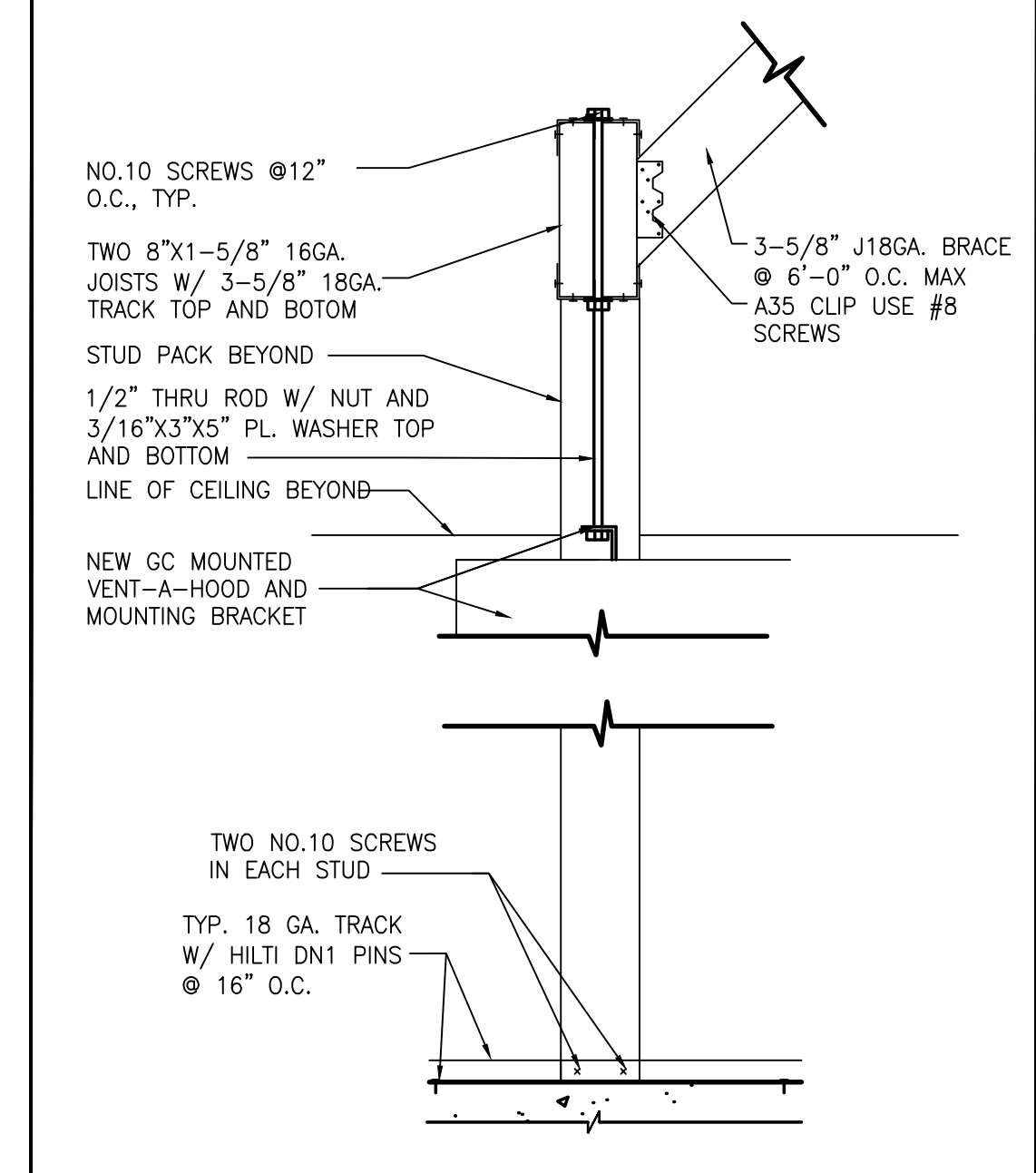
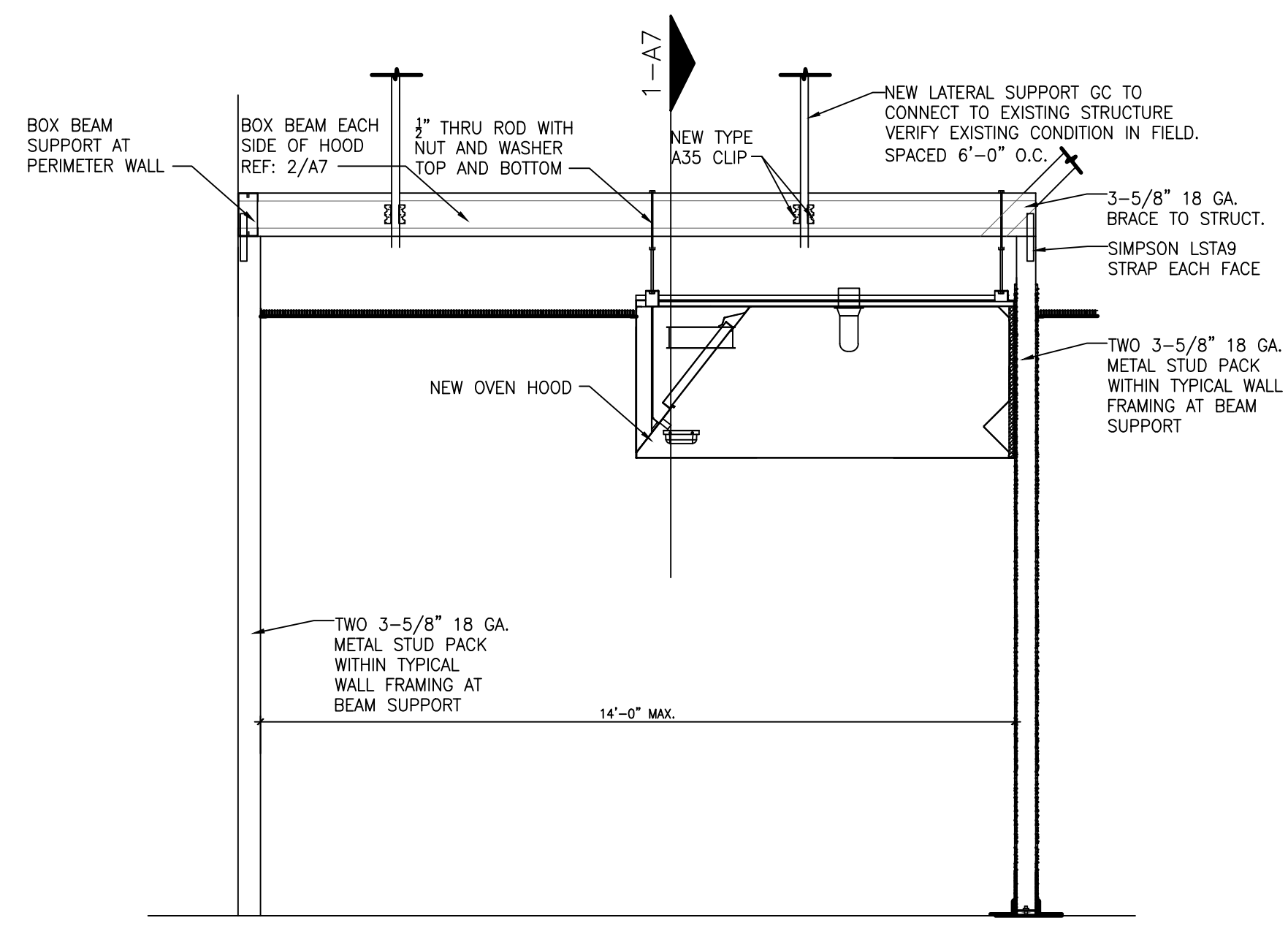
RELOCATE EXISTING SPRINKLER HEADS WHEREVER POSSIBLE. ADD NEW SPRINKLER HEADS AS REQUIRED.

FINAL LOCATION AND QUANTITY OF FIRE SPRINKLER HEADS MUST BE DESIGNED BY A FIRE CONTRACTOR LICENSED IN PROJECT JURISDICTION. ALTERATION TO EXISTING FIRE ALARM AND SPRINKLER SYSTEM WILL BE PERMITTED SEPARATELY BY GC SELECTED SUBCONTRACTOR.



REFLECTED CEILING PLAN

1/4"=1'-0" B



SUSPENDED CEILING

- TRIM: INSTALL EDGE MOLDING AT INTERSECTION OF CEILING AND VERTICAL SURFACES, USING LONGEST PRACTICAL LENGTHS, MITER CORNERS. PROVIDE EDGE MOLDINGS AT JUNCTIONS WITH OTHER INTERRUPTIONS.
- ACOUSTICAL PANEL INSTALLATION: INSTALL ACOUSTICAL PANELS WITH EDGES IN CLOSE CONTACT WITH METAL SUPPORTS AND IN TRUE ALIGNMENT.
- VARIATIONS FROM FLAT AND LEVEL SURFACE: 1/8-INCH IN 10 FEET.
- VARIATION FROM PLUMB OF GRID MEMBERS: AS CAUSED BY ECCENTRIC LOADS TWO DEGREES MAXIMUM.
- INSTALL SYSTEM AFTER MAJOR ABOVE-CEILING WORK IS COMPLETE. COORDINATE LOCATIONS OF HANGERS WITH RELATED WORK.
- SEE SPECIFICATION SECTION 09510 ACOUSTICAL CEILING PANELS FOR ADDITIONAL INFORMATION.

ACOUSTICAL CEILING PANELS:			
[Symbol]	ALL KITCHEN AREAS	[Symbol]	EXIT LIGHT CEILING/WALL
[Symbol]	RE: A3 FOR PANEL AND GRID TYPE.	[Symbol]	EMERGENCY LIGHT UNIT
[Symbol]	RESTROOM	[Symbol]	TRACK LIGHTING - BLACK
[Symbol]	RE: A3 FOR PANEL AND GRID TYPE.	[Symbol]	PENDANT, SEE ELECTRICAL SHEETS
[Symbol]	FRONT CUSTOMER AREA, SERVICE AREA BEHIND FRONT COUNTER AND RESTROOM HALLWAY	[Symbol]	RECESSED CAN - BLACK
[Symbol]	RE: A3 FOR PANEL AND GRID TYPE.	[Symbol]	SUPPLY AIR GRILLE
[Symbol]	2'-0" x 2'-0" LED LIGHT FIXTURE	[Symbol]	RETURN AIR GRILLE
[Symbol]	2'-0" x 4'-0" LED LIGHT FIXTURE	[Symbol]	EXHAUST FAN
[Symbol]	SURFACE MOUNTED FLUORESCENT FIXTURE	[Symbol]	MULTI HEAD LED FIXTURE
		[Symbol]	PENDANT

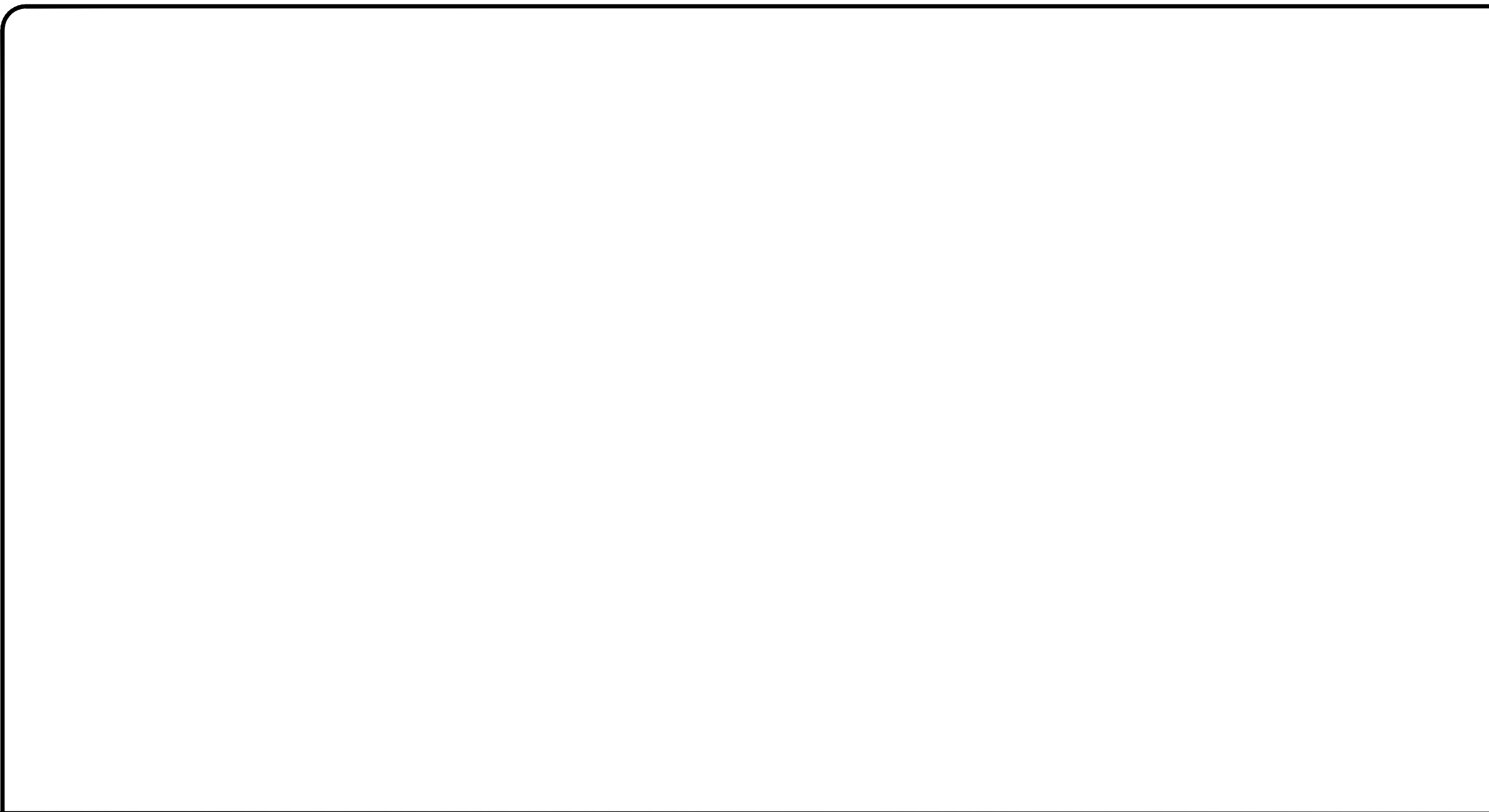
HOOD FRAME N.T.S. 2

HOOD FRAME SECTION N.T.S. 1

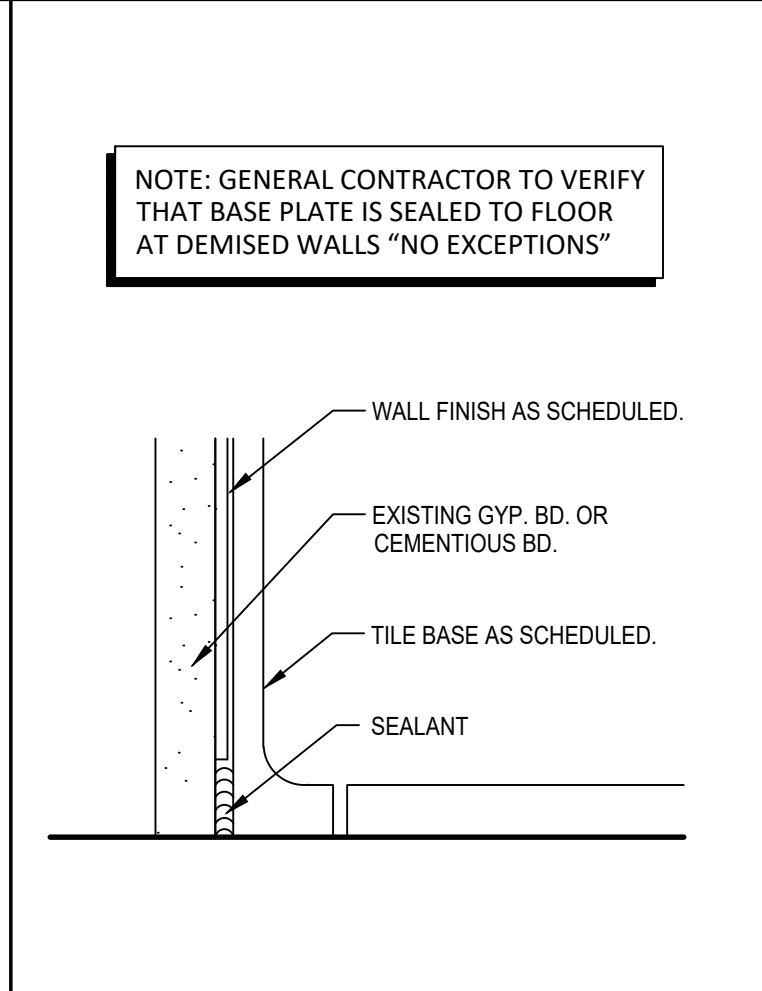
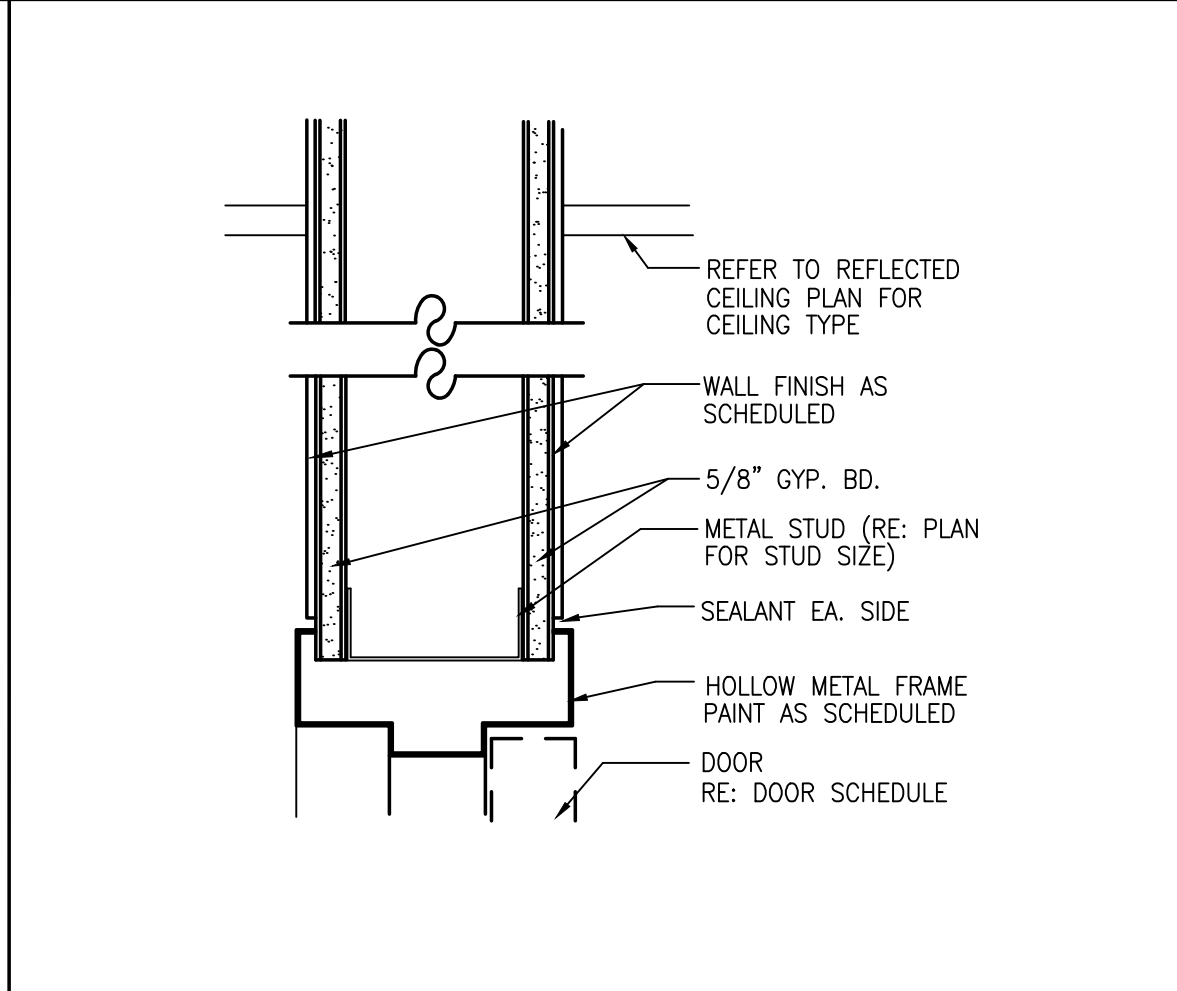
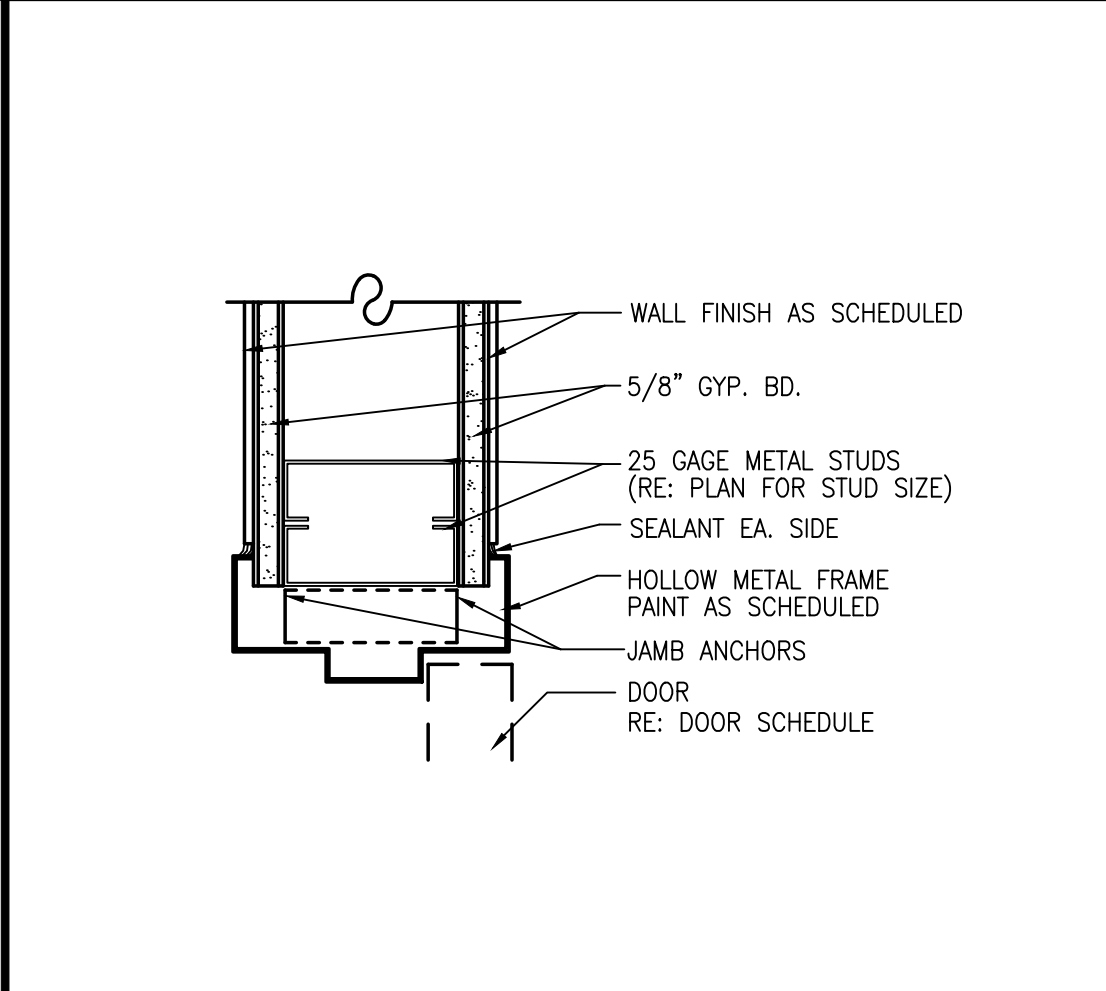
REFLECTED CEILING PLAN NOTES

CEILING SYMBOL LEGEND

REVISIONS:



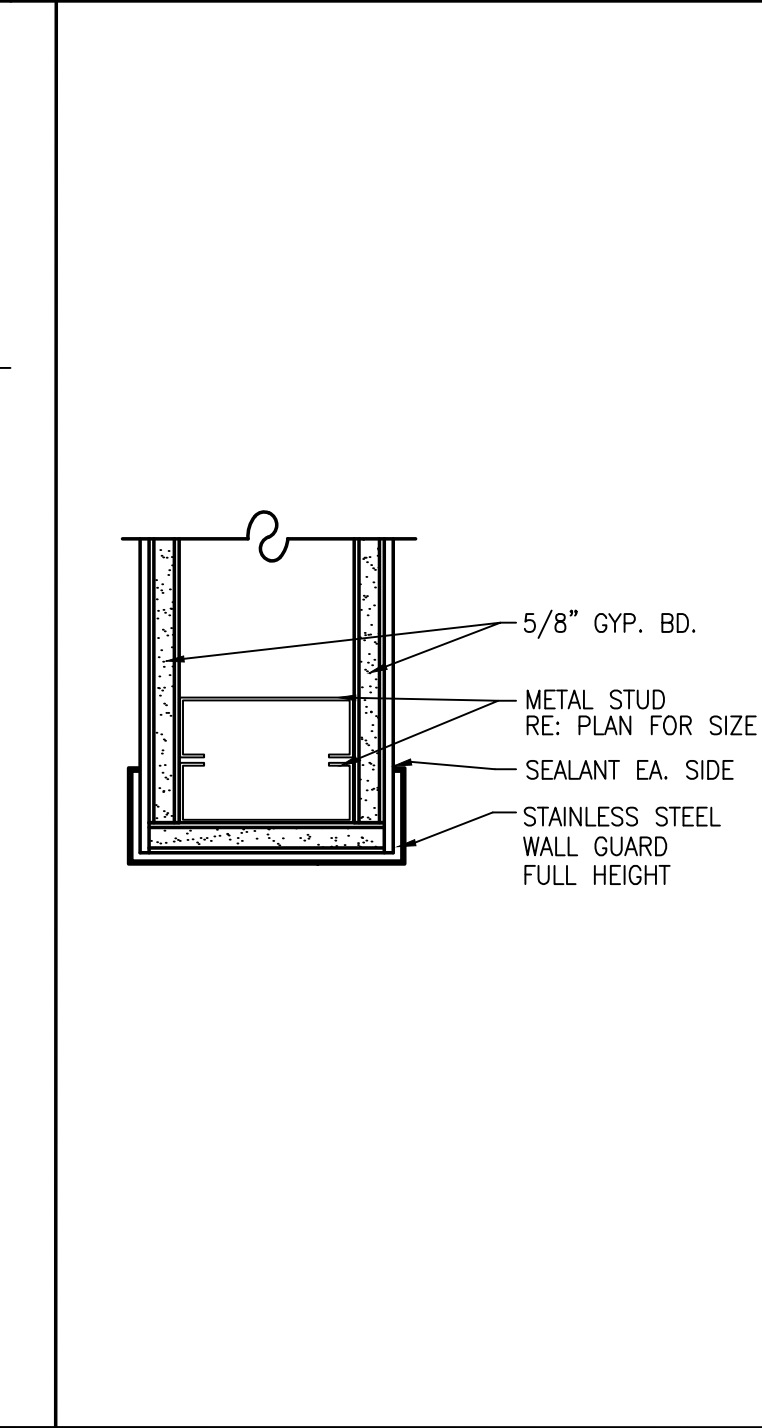
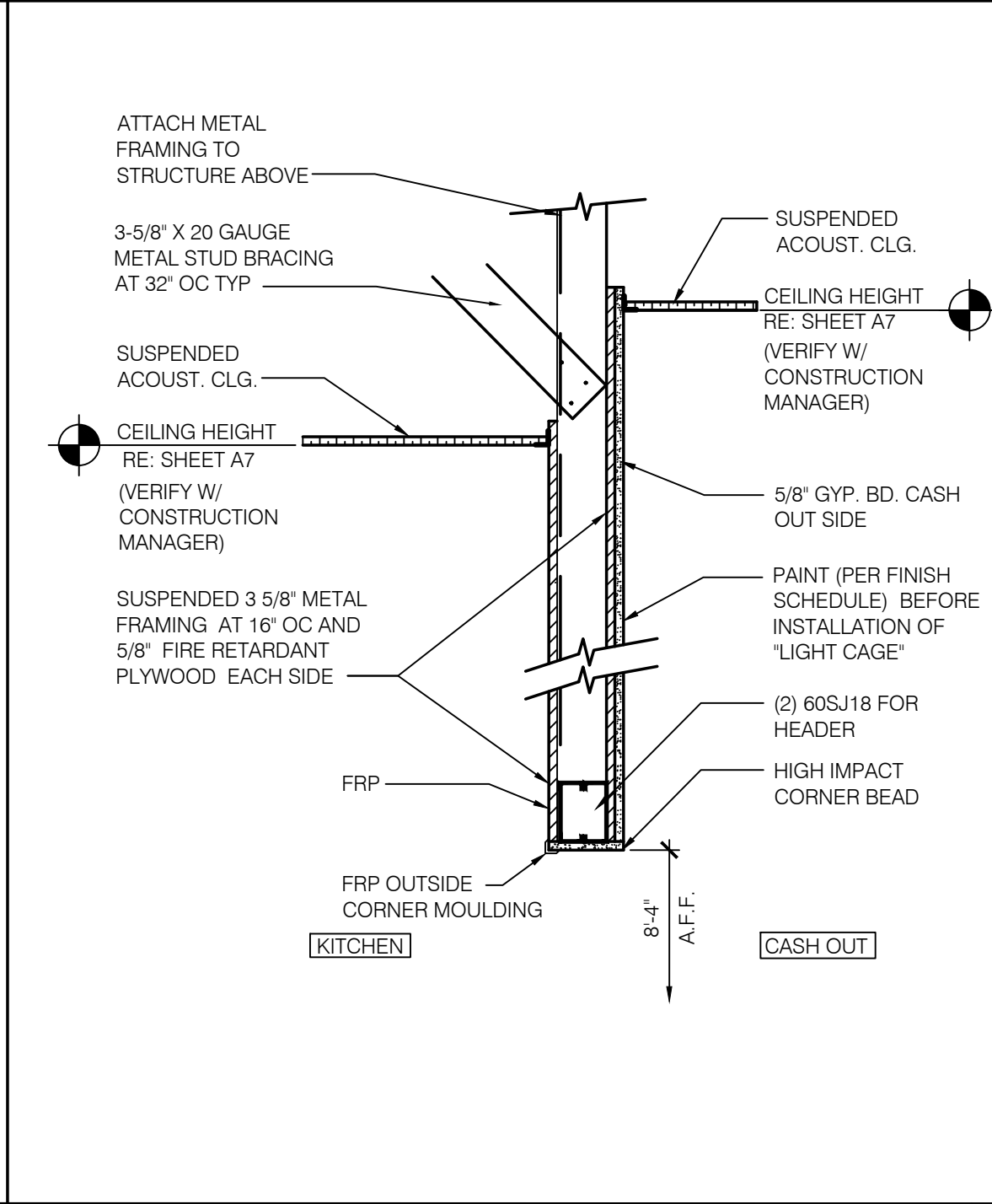
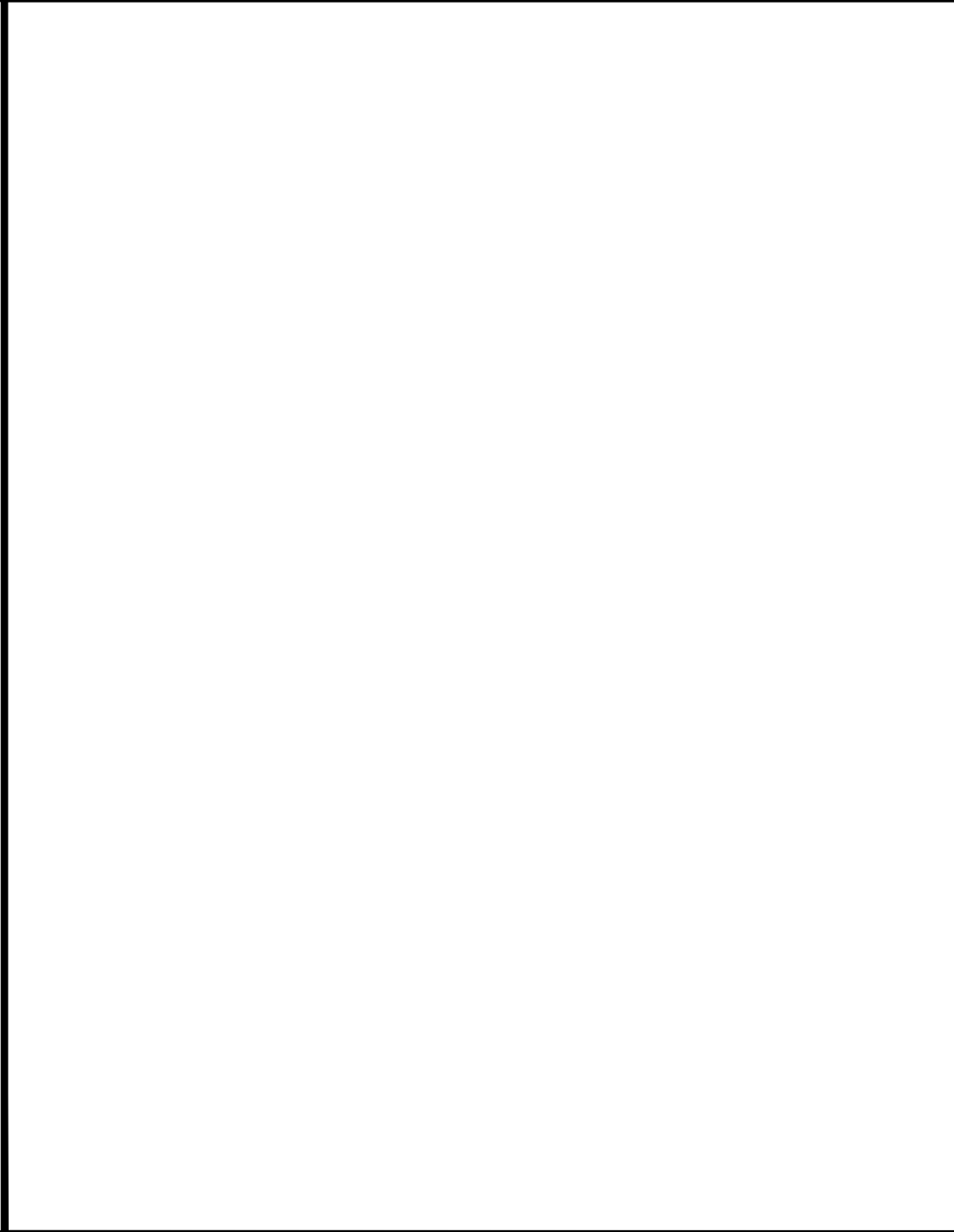
NOT USED 10



TYP. INTERIOR DOOR JAMB 3"=1'-0" 14

TYP. INTERIOR DOOR HEAD 3"=1'-0" 11

SEALANT AT EXISTING WALLS N.T.S. 12

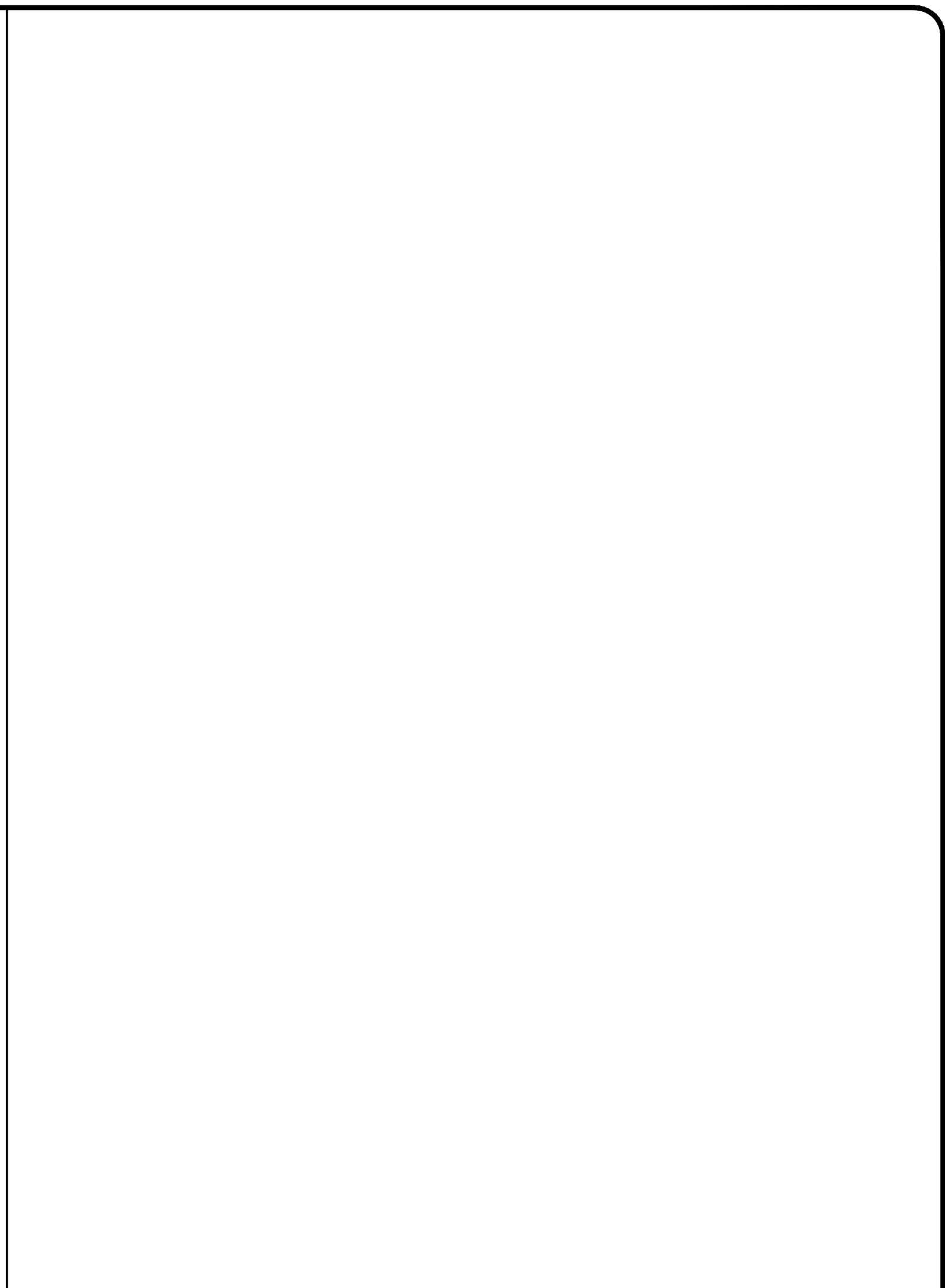


NOT USED 15

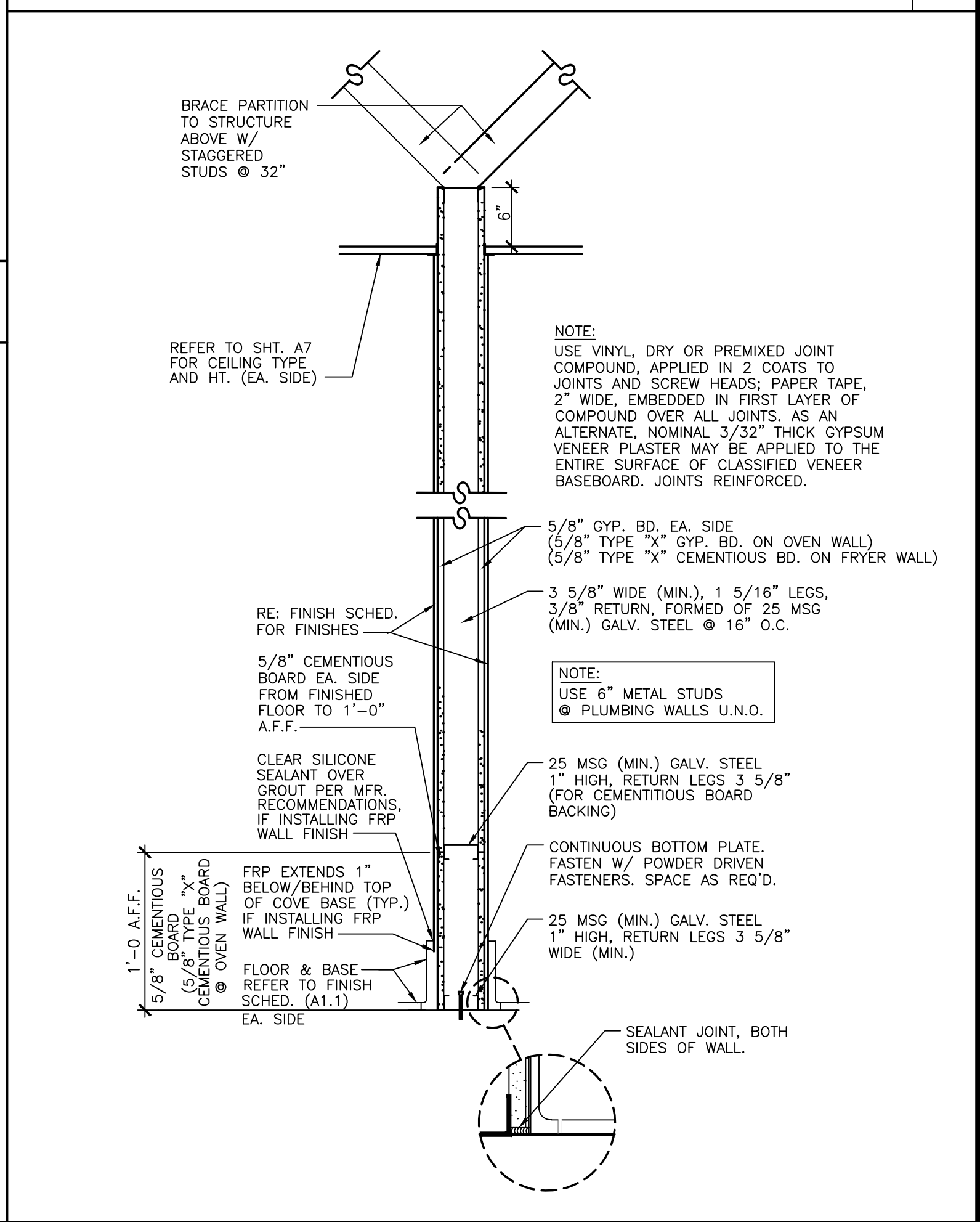
VALANCE SECTION AT CARRYOUT N.T.S. 9

WALL GUARD DETAIL 3"=1'-0" 6

DEMISING WALL WATERPROOFING 3



NOT USED 1



NEW PARTITION SECTION 1"=1'-0" 2

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MISC. DETAILS



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SHEET NUMBER

A8

REVISIONS:

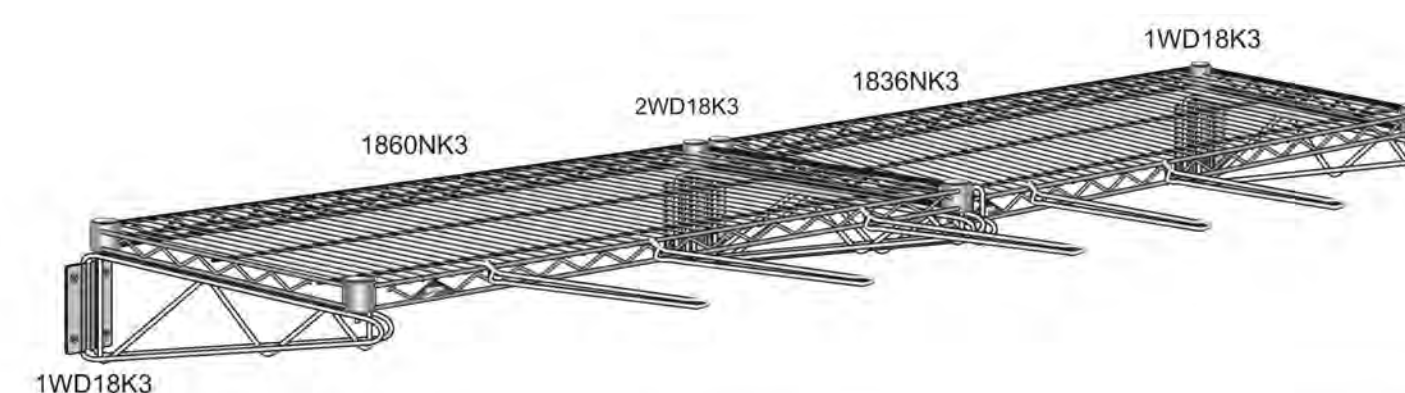
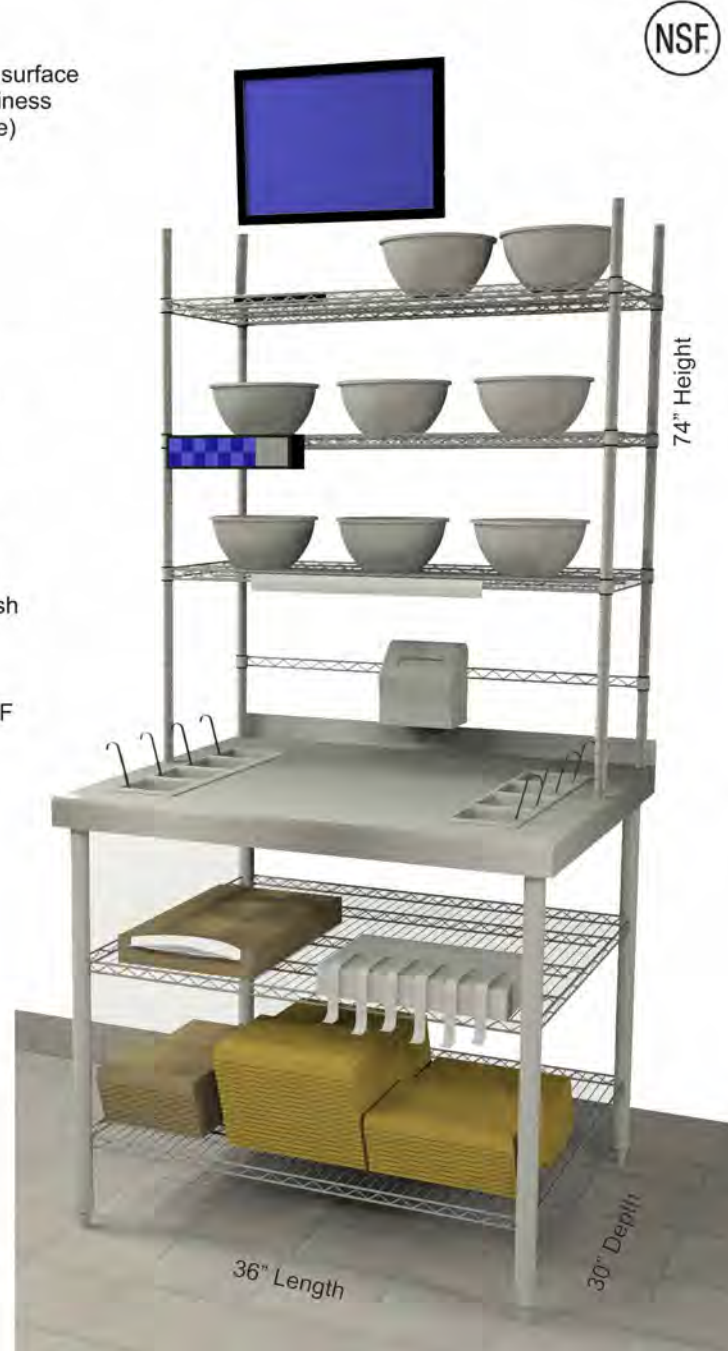


- Components:**
- Stainless Steel Top
 - Backsplash in front of back post for cleanliness
 - Cut outs for (8) Sauce Containers (1/6 size) (Containers not included)
 - Stainless Steel Upper Shelves
 - Type 304, food grade stainless steel
 - Raised edges to contain spills
 - Hanger Rail
 - Hanger Rail for Printer Hanger
 - Under Shelves
 - Open Wire design for air flow and light penetration
 - Label/Foil/Dipping Cups Dispenser hooks onto the shelf

- Finish:**
- Components except for the stainless steel items are Metroseal III with Microban.
 - Microban deters the growth of mold and bacteria and provides an easy to clean finish

- NSF:**
- All components are manufactured per the NSF specifications and are NSF listed.

- PARTS:**
- (2) 74PK3, 74" Back Posts
 - (2) 33PK3, 34" Front Posts
 - (2) CC6010F, 30" Upper Posts
 - (2) 3036NK3, 30"x36" Wire Shelves
 - (3) 1436FS, 14"x36" Solid Shelves
 - (1) DD6249B, Work surface
 - (1) DD6249A, Work Surface Support Frame
 - (1) H136K3, Hanger Rail
 - (1) DD2671B, Printer Holder
 - (1) DD2851A, Foil & Label Holder



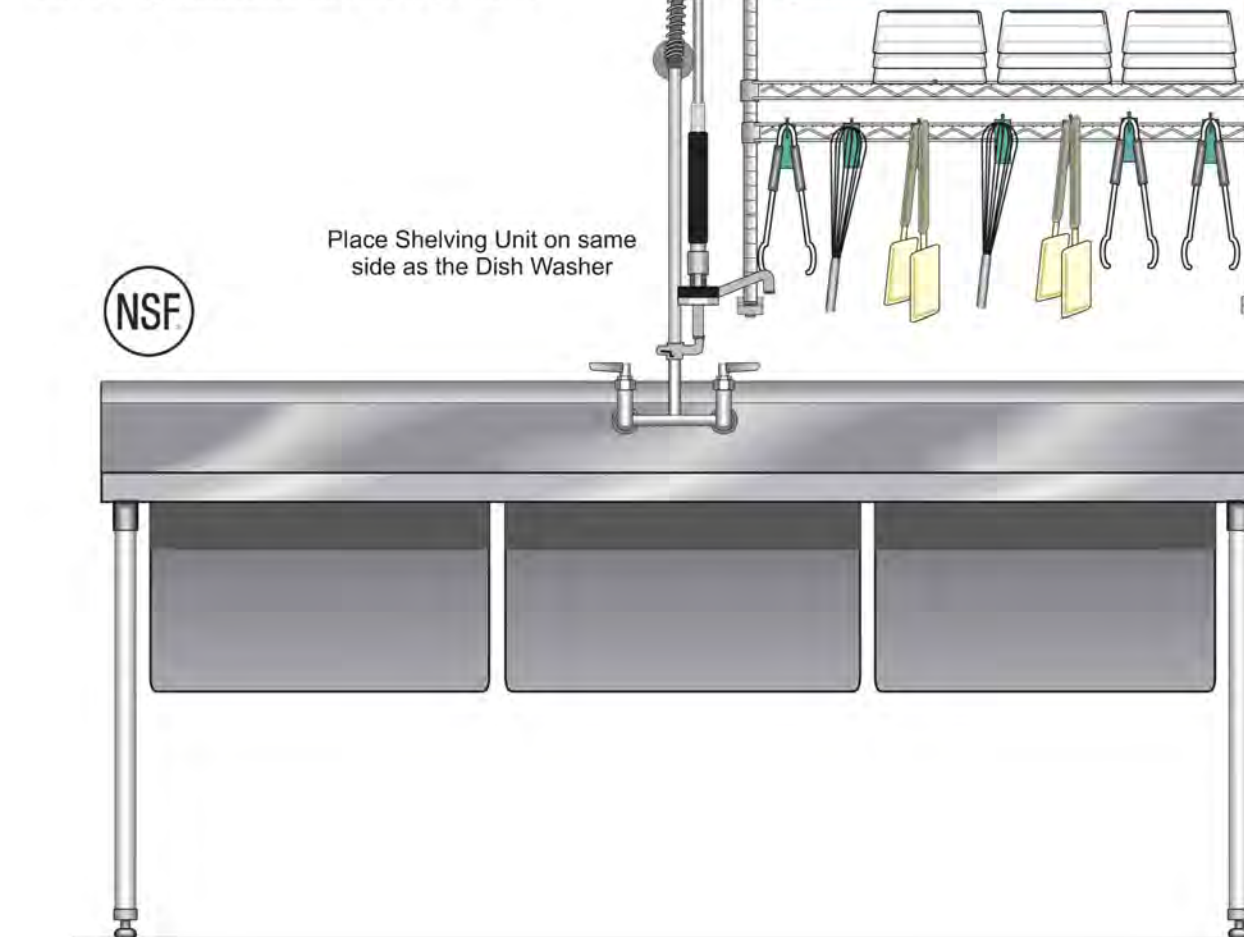
- PARTS**
- (1) 1860NK3, 18"x60" Wire Shelf
 - (1) H136K3, 36" Hanger Rail with Split Sleeves
 - (2) 1WD18K3, End Shelf Supports
 - (1) 2WD18K3, Center Double Shelf Support
 - (5) HHK8C, Chrome Hooks
- INSTR-PHMTS8 100113
- NOTE - Metro does not provide wall fasteners.**

- Components:**
- Wall System allows for air drying and storage of Utensils, Lids and Containers

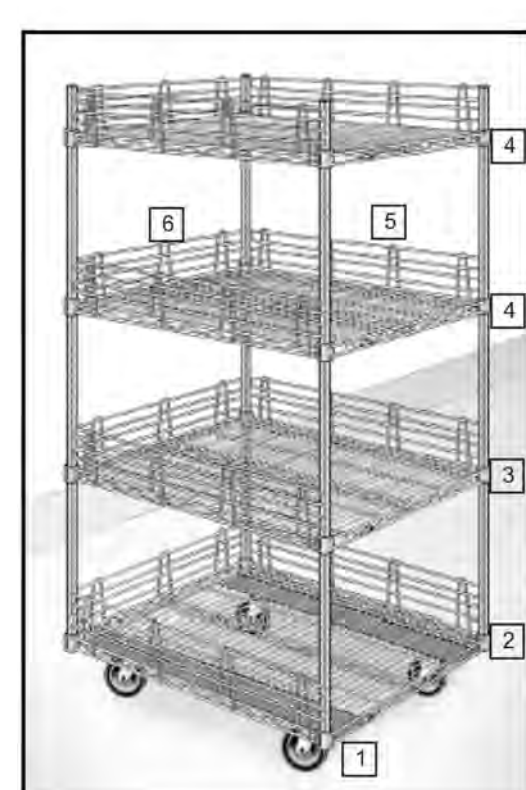
Sanitary: All components are finished in Metroseal III epoxy finish containing Microban.

Microban deters the growth of bacteria and mold.

- NSF:**
- All components are manufactured per the NSF specifications and are NSF listed.



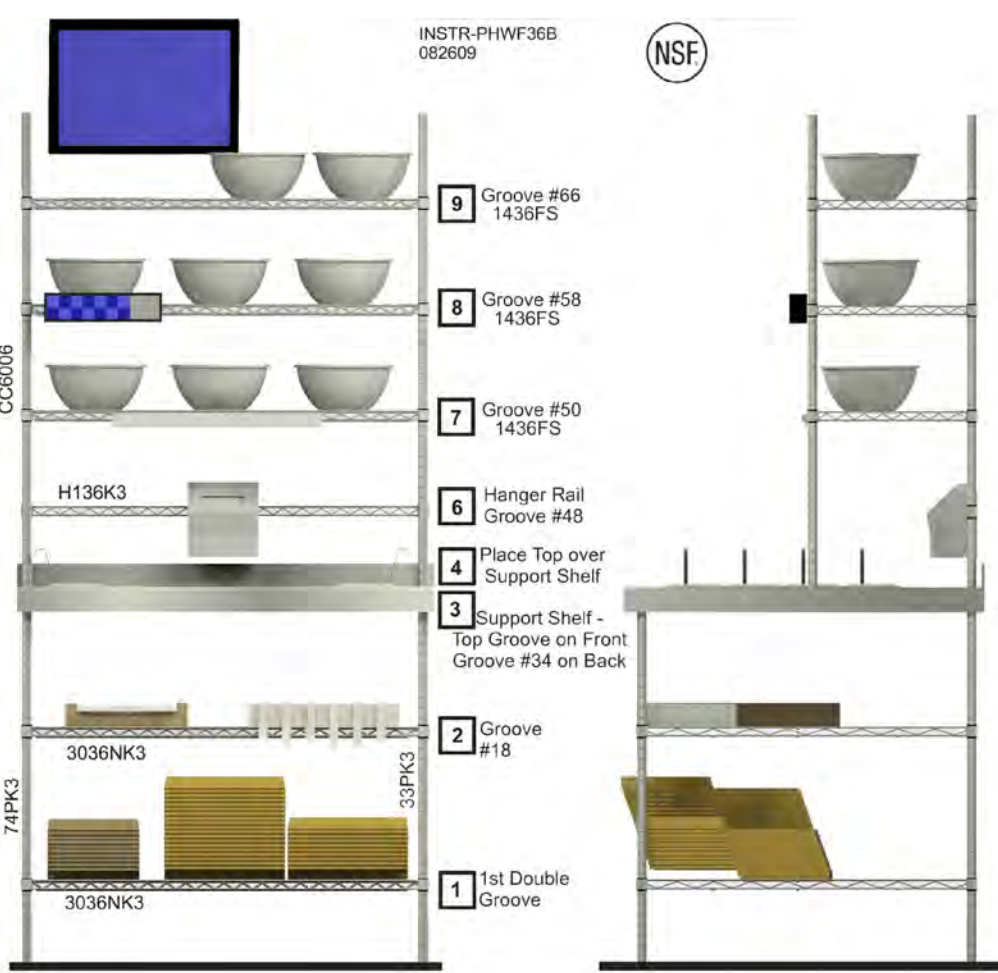
PREP STATION N.T.S. (FOR REFERENCE ONLY)



- INSTRUCTIONS**
- Using the hardware bag containing the washers and nuts, attach the Casters to the bottom of the Dolly Shelf, CC6010F.
 - Place a pair of Gray Split Sleeves UPSIDE DOWN on the BOTTOM groove of each 54PK3 Post. Place each Post in the corners of the Dolly Shelf. This is the OPPOSITE of the illustration below.
 - Place a pair of Gray Split Sleeves on the 17th Groove above the Dolly Shelf.
- NOTE -** The tapered end of the Split Sleeve should be towards the TOP. See the illustration below.
- Place a 2130NK3 Shelf over the Posts and onto the Split Sleeves. Secure in place by tapping each corner with a Rubber Mallet.
- Repeat step 3 for the remaining Shelves.
 - Place a 30" Ledge along each 30" side of each shelf.
 - Place a 21" Ledge along ONE side of each shelf.
- NOTE -** One side of the cart will be open as shown.

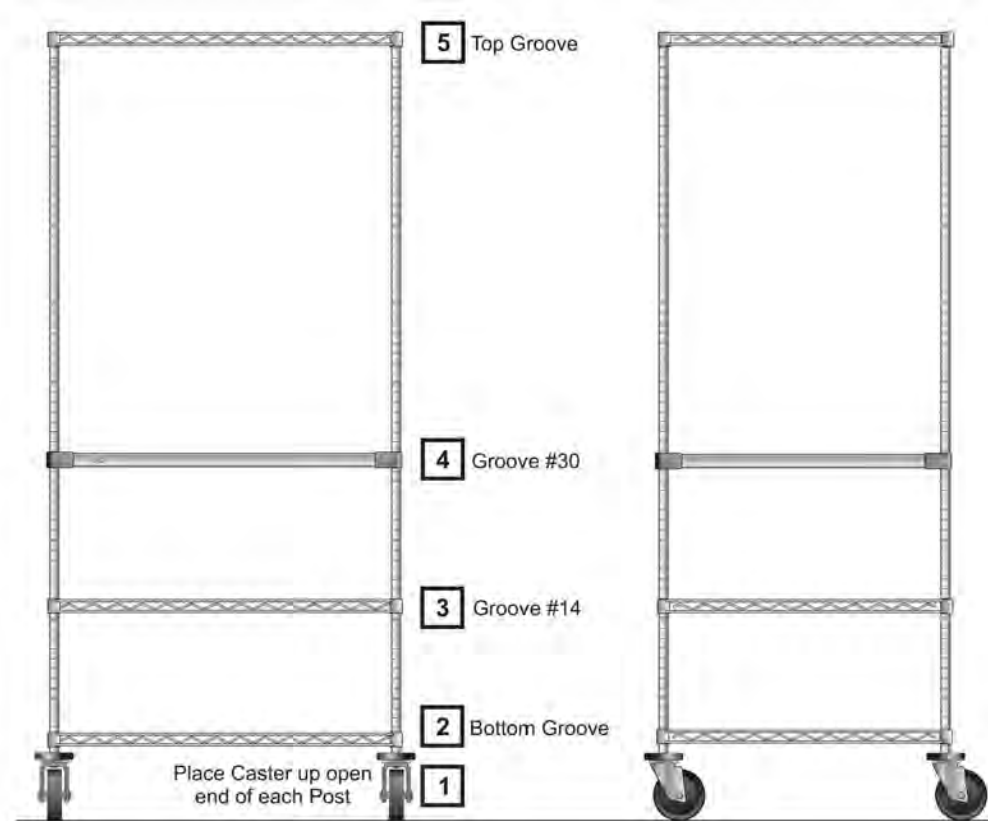
- PARTS**
- (4) 54PK3, 54" Posts
 - (3) 2130NK3, Wire Shelves
 - (1) CC6010F, Dolly Shelf
 - (4) B5DN, Casters
 - (8) L30N-4K3, 30" Ledges
 - (4) L21N-4K3, 21" Ledges
 - (4) Bags of Gray Split Sleeves
- INSTR-PHDC21B 010408

WING STREET SAUCING STATION N.T.S. (FOR REFERENCE ONLY)



- PARTS**
- (2) 74PK3, 74" Posts
 - (2) 33PK3, 34" Posts
 - (2) CC6006, 30" Posts
 - (2) 3036NK3, 30"x36" Wire Shelves
 - (3) 1436FS, 14"x36" Solid Shelves
 - (1) DD6249B, Work surface
 - (1) DD6249A, Work Surface under support frame
 - (1) H136K3, Hanger Rail
 - (1) DD2671B, Printer Holder
 - (1) DD2851A, Foil & Label Holder
- INSTR-PHWF30B 082609

DOUGH CART ASSEMBLY N.T.S. (FOR REFERENCE ONLY)



- PARTS**
- (4) 74UPK3, 74" Posts
 - (4) 5M, Casters
 - (3) 3036NK3, 30"x36" Wire Shelves
 - (1) R3036FS, Solid Reinforced Shelf
 - (4) Bags of Split Sleeves, each packed with the shelves
- INSTR-PHMS303S 040811

WING STREET SAUCING STATION N.T.S. (FOR REFERENCE ONLY)

- Components:**
- Wall System allows for easy access to stored items
 - Wall mounted allows for easy cleaning of the floor and access to adjacent equipment
 - Upper Shelves for prep items and fryer filters
 - Fryer Basket supports for Fryer Baskets
- Sanitary:** All components are finished in Metroseal III epoxy finish containing Microban. Microban deters the growth of bacteria and mold.

- NSF:**
- All components are manufactured per the NSF specifications and are NSF listed.
- PARTS:**
- (2) 33PDFK3, 33" Posts with Wall Brackets
 - (2) 30BHK3, Fry Basket Holders
 - (1) 1430NK3, 14"x30" Bottom Wire Shelf
 - (1) 1830NK3, 18"x30" Top Wire Shelf



OVERFLOW PREP STATION N.T.S. (FOR REFERENCE ONLY)

WING STREET PREP STATION N.T.S. (FOR REFERENCE ONLY)

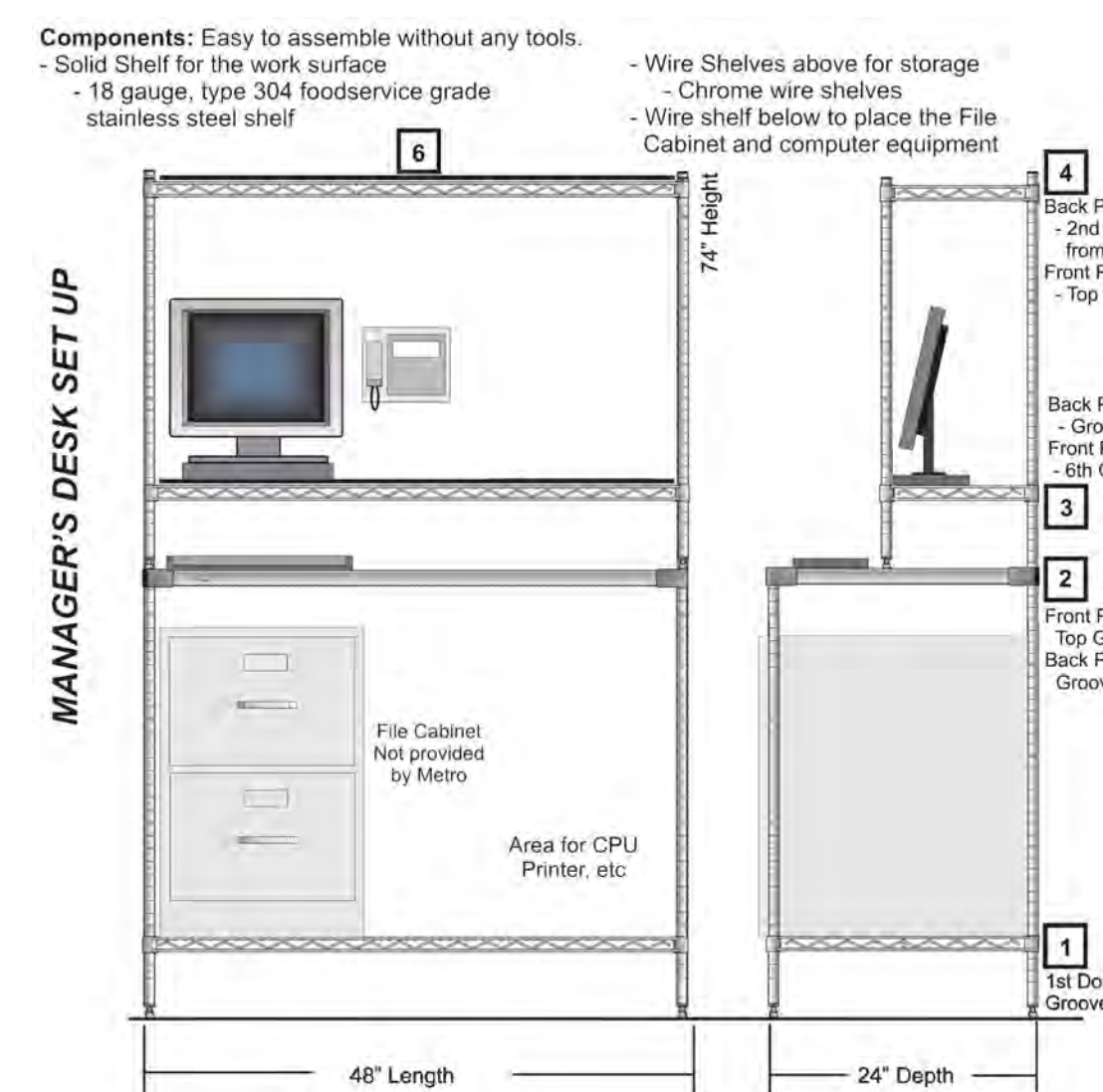
MAKE TABLE SHELF N.T.S. (FOR REFERENCE ONLY)



Cut Table & Quality Station Configuration for Nesting Boxes

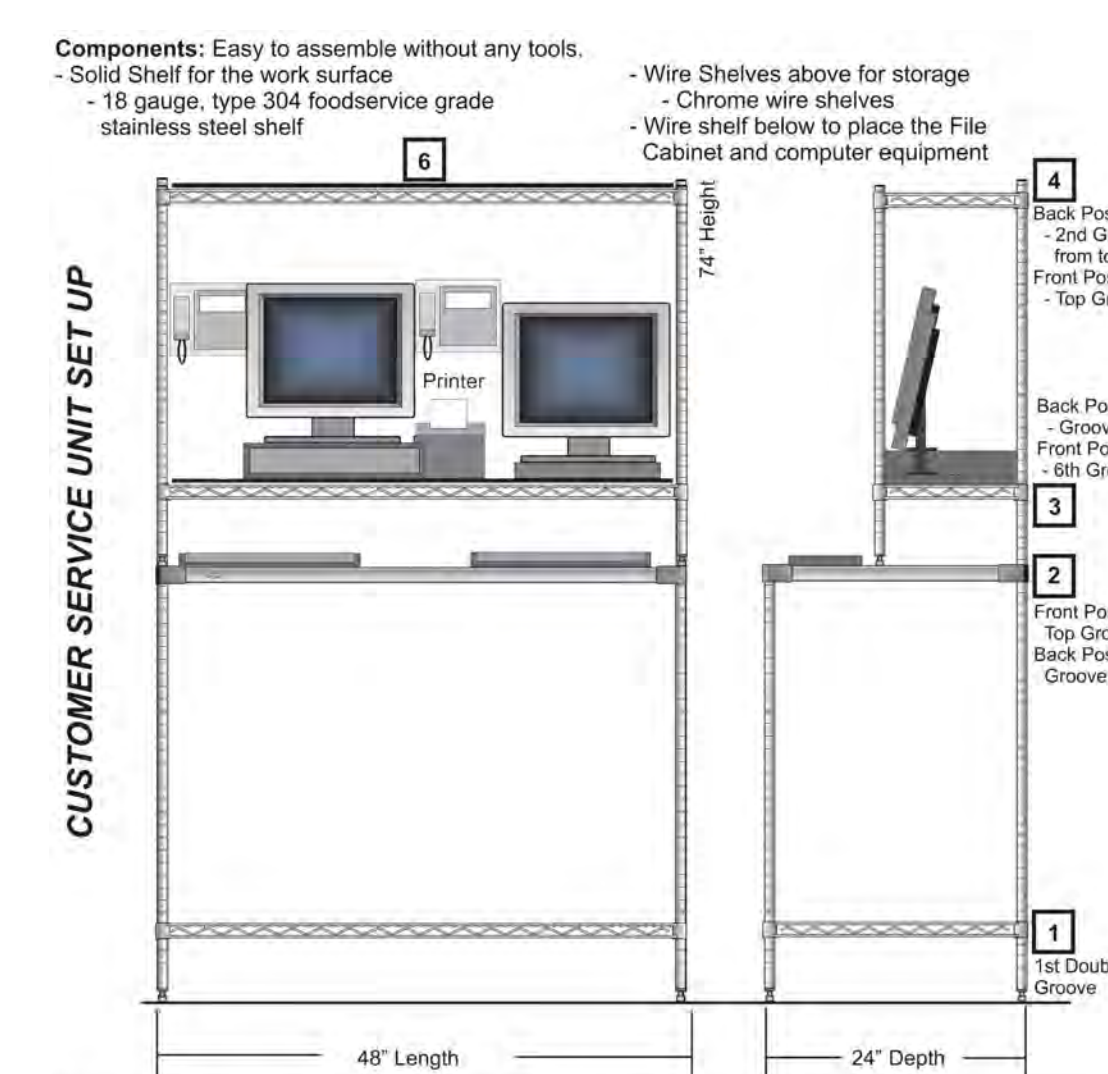
CUT TABLE & QUALITY STATION N.T.S. (FOR REFERENCE ONLY)

SHELVING AT 3-COMP SINK N.T.S. (FOR REFERENCE ONLY)



- PARTS**
- Manager's Station
 - (2) 74P, 74" Back Posts
 - (2) 33P, 34" Upper Posts
 - (2) 40CP, Lower Posts
 - (2) 1448BR, 14"x48" Upper Shelves
 - (2) 1448BWI, 14"x48" Shelf Inlays
 - (1) 2448FG, 24"x48" Work Surface
 - (1) 2448BR, 24"x48" Wire Shelf
- INSTR-MV48C 032410

MANAGER'S STATION N.T.S. (FOR REFERENCE ONLY)



- PARTS**
- Manager's Station
 - (2) 74P, 74" Back Posts
 - (2) 33P, 34" Upper Posts
 - (2) 40CP, Lower Posts
 - (2) 1448BR, 14"x48" Upper Shelves
 - (2) 1448BWI, 14"x48" Shelf Inlays
 - (1) 2448FG, 24"x48" Work Surface
 - (1) 2448BR, 24"x48" Wire Shelf
- INSTR-MV48C 032410

CUSTOMER SERVICE UNIT N.T.S. (FOR REFERENCE ONLY)

DATE: 2.14.2025
JOB NO: 2597
DRAWING: FS
CHECKED: DL

METRO SHELF ASSEMBLY AID



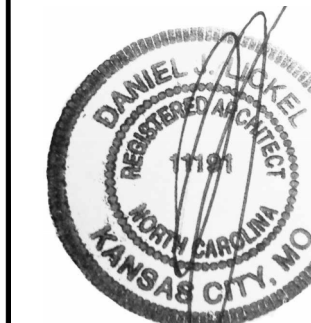
FRANCHISEE

HUT CAROLINAS LLC
6200 OAK TREE BLVD
STE 250
INDEPENDENCE, OH 44131

PIZZA HUT #2597
185 MITTIE HADDOCK DRIVE
CAMERON, NORTH CAROLINA



14 West 3rd Street, Suite 100
Kansas City, MO 64102
(816) 421-2707
(816) 421-2026

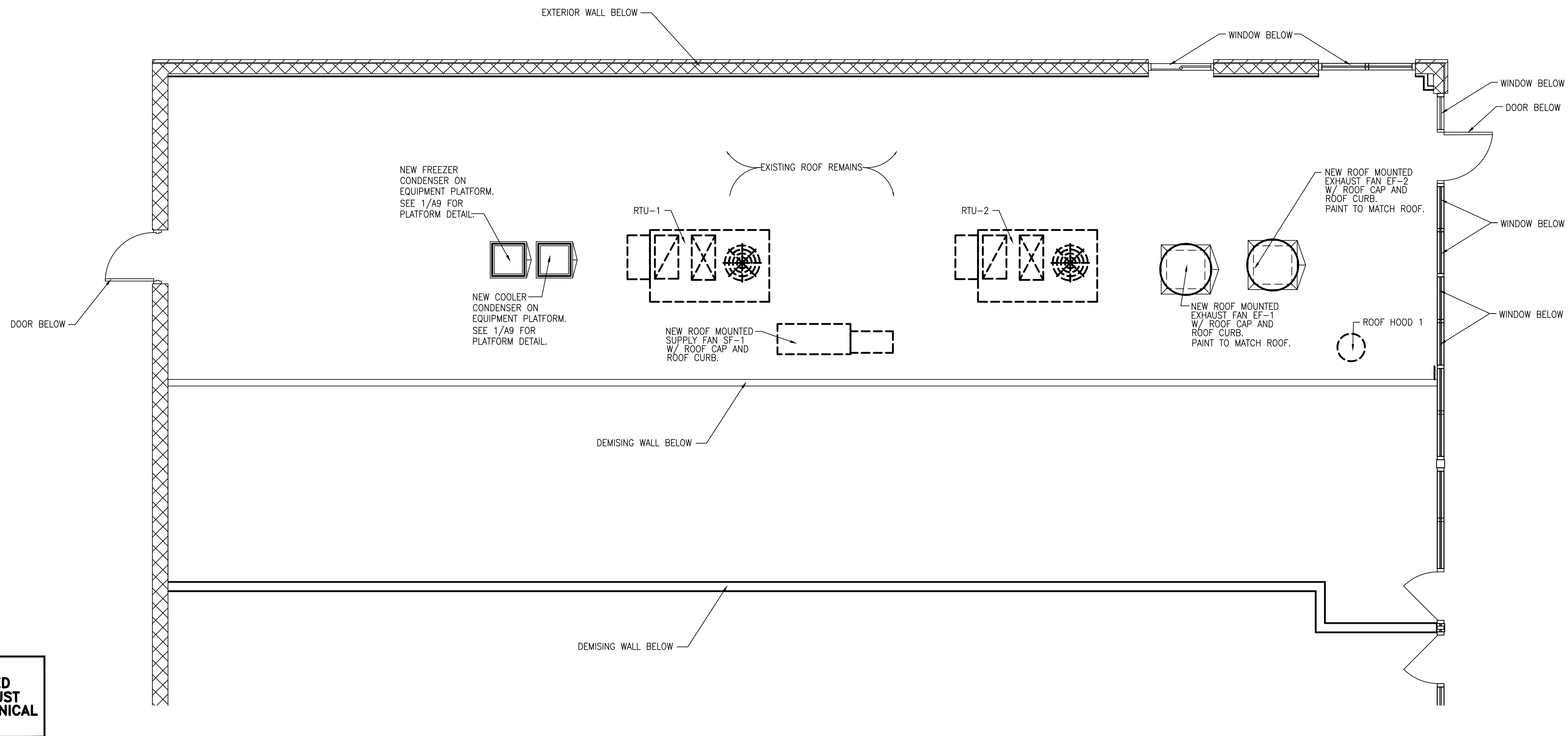


2.14.2025

SHEET NUMBER
A8.1

REVISIONS:

NOTE:
COORDINATE ALL ROOF REWORK WITH LANDLORDS
ROOFING CONTRACTOR TO MAINTAIN ROOF WARRANTY.

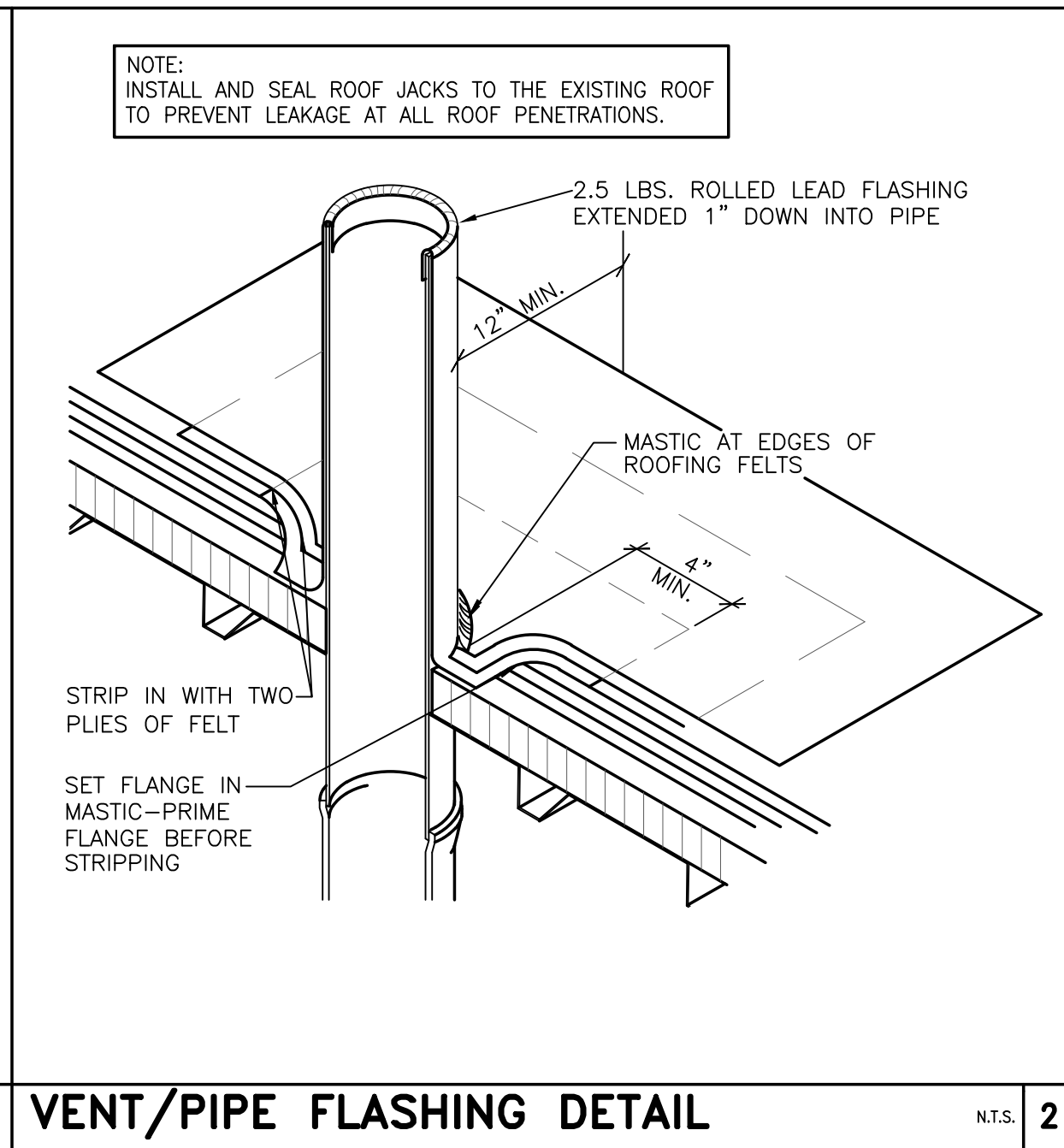
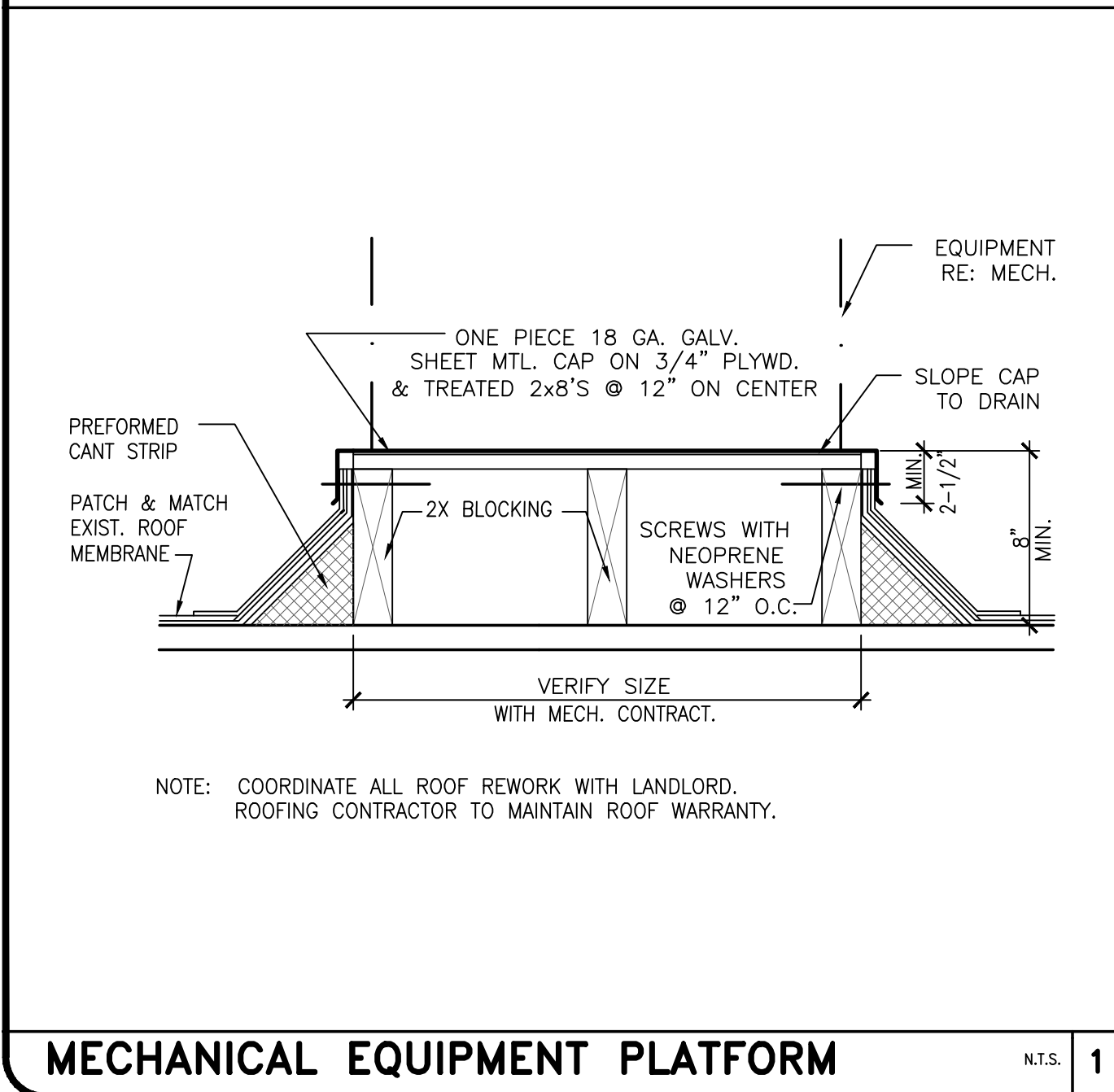


NOTE:
MAINTAIN MINIMUM REQUIRED
DISTANCES BETWEEN EXHAUST
AND SUPPLY FANS, MECHANICAL
CONTRACTOR COORDINATE.



ROOF PLAN

1/4"=1'-0" A



NOT USED

- ALL WORK SHALL COMPLY WITH NRCA ROOFING AND WATERPROOFING MANUAL. COORDINATE LOCATION OF OPENINGS WITH MECHANICAL CONTRACTOR. PROVIDE ADDITIONAL STRUCTURAL SUPPORT AS REQUIRED TO SUPPORT NEW LOADS.
- SUPPLY FAN & EXHAUST FAN ROOF CURBS PROVIDED BY OWNER AND INSTALLED BY GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL PROVIDE FLASHING AND COUNTER FLASHING. VERIFY SIZE AND LOCATION WITH MECH. CONTRACTOR.
- GENERAL CONTRACTOR SHALL PROVIDE RAISED PLATFORM WITH ONE PIECE 18 GAGE GALVANIZED SHEET METAL CAP FOR CONDENSING UNITS. VERIFY SIZE AND LOCATION WITH MECHANICAL CONTRACTOR. REFER TO MECHANICAL DRAWINGS.
- PATCH AND MATCH EXIST. ROOF MEMBRANE AT NEW ROOF PENETRATIONS AND CURBS & TO PROVIDE WEATHER-PROOF BARRIER. MAINTAIN EXIST. ROOF WARRANTY. VERIFY EXACT REQUIREMENTS WITH LANDLORD.
- G.C. TO SEAL ALL ROOF PENETRATIONS WATER TIGHT. REFER TO ARCHITECTURAL FOR DETAIL.
- FRESH AIR INTAKE SHALL BE A MINIMUM OF 10'-0" AWAY FROM BUILDING EXHAUST, FLUES, OR PLUMBING VENTS.
- MECHANICAL CONTRACTOR TO VERIFY THAT NEW EQUIPMENT (FANS, ETC.) COMPLY WITH AVAILABLE POWER SOURCE. COORDINATE WITH ELECTRICIAN, GEN. CONTRACTOR.
- OBTAIN APPROVAL FROM LANDLORD'S LICENSED STRUCTURAL ENGINEER REGARDING LOCATION AND LOADING OF NEW EQUIPMENT AND OPENINGS ON ROOF SUPPORT STRUCTURE BELOW, PRIOR TO START OF ANY WORK ON ROOF.
- CONTRACTOR SHALL PROVIDE, INSTALL AND COORDINATE ROOF PENETRATION FRAMING WITH FLYNN CONSTRUCTION MANAGER.
- PROVIDE GUARDRAILS WHERE MECHANICAL EQUIPMENT THAT REQUIRE SERVICE ARE LOCATED WITHIN 10' OF A ROOF EDGE OR OPEN SIDE OF A WALKING SURFACE AS REQUIRED BY CODE

MECHANICAL EQUIPMENT PLATFORM

N.T.S. 1

VENT/PIPE FLASHING DETAIL

N.T.S. 2

NOT USED

N.T.S. 3

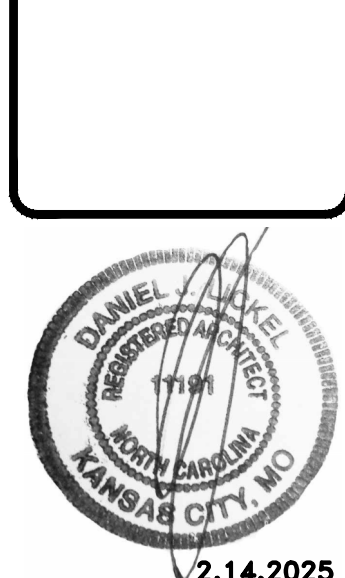
ROOF GENERAL NOTES

DATE: 2.14.2025
JOB NO: 2597
DRAWN: FS
CHECKED: DL

ROOF PLAN AND RELATED DETAILS



PIZZA HUT #2597
185 MITTIE HADDOCK DRIVE
CAMERON, NORTH CAROLINA



2.14.2025

SHEET NUMBER

A9

REVISIONS:

- THE HVAC UNITS ALONG WITH THE HOOD FANS (EXHAUST & MAKE-UP) SHALL BE SUPPLIED BY THE OWNER AND INSTALLED BY THE MECHANICAL CONTRACTOR. ALL THERMOSTATS, DUCTS, FITTINGS, LABOR, & OTHER MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR, AS REQUIRED IN ORDER TO ACHIEVE COMPLETE, CODE COMPLIANT, & OPERABLE HVAC SYSTEMS AS INDICATED IN THE PROJECT DOCUMENTS.
- CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE COMPLETE CONSTRUCTION DOCUMENT PACKAGE. INFORMATION REGARDING THE SCOPE OF THE REQUIRED WORK IS DISPERSED THROUGHOUT THE PROJECT DOCUMENT SET, AND CANNOT BE ACCURATELY DEFINED WITHOUT REFERENCE TO THE COMPLETE PROJECT DOCUMENT SET.
- COORDINATE WITH THE WORK OF OTHER SECTIONS. EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. AFTER CAREFUL REVIEW OF THE PROJECT DOCUMENTS & THEIR REQUIREMENTS, NOTIFY THE ARCHITECT (IN WRITING) OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK.
- THE DRAWINGS FOR THE HVAC WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS. REFER TO THE MANUFACTURER'S INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND OTHER INSTALLATION REQUIREMENTS. SUBMIT SHOP DRAWINGS FOR APPROVAL, PER THE SPECIFICATION REQUIREMENTS.
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, & NATIONAL CODES, AS WELL AS INDUSTRY STANDARDS. ALL REQUIRED CONSTRUCTION/INSTALLATION PERMITS SHALL BE PURCHASED AS NEEDED. LIKEWISE, ALL REQUIRED SITE INSPECTIONS SHALL BE SCHEDULED, PERFORMED, & ALL PERTINENT GOVERNMENTAL APPROVALS/CERTIFICATES OBTAINED & PRESENTED TO THE OWNER PRIOR TO ACHIEVING SUBSTANTIAL COMPLETION.
- WHEN HVAC AIR FLOW IS OVER 2000 CFM PROVIDE SMOKE DUCT DETECTORS IN SUPPLY AND RETURN DUCTS OR AS REQUIRED BY APPLICABLE CODES. DUCT SMOKE DETECTOR SHALL BE SIMPLE PHOTOELECTRIC SMOKE DETECTOR #2098-9201, SIMPLE DUCT DETECTOR HOUSING #2098-9649, SIMPLE BAFFLE #2098-9811, AND SIMPLE SAMPLING TUBE #2098-9797. HVAC SHUT DOWN RELAY SHALL BE SIMPLE #2088-9010. FIRE ALARM CONTROL PANEL SHALL BE SIMPLE #4004-9101 WITH (2) SIMPLEX 6.2 AH BATTERIES #2081-9272. SYSTEM SHALL SHUT DOWN UNITS UPON ACTIVATION OF DUCT SMOKE DETECTOR WHICH WILL SOUND ALARM BELL AND ACTIVATE LIGHT LOCATED IN SIMPLEX FIRE ALARM CONTROL PANEL. FIRE ALARM CONTROL PANEL IS ONLY FOR MONITORING ACTIVATION OF OR TROUBLE WITH DUCT SMOKE DETECTORS. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL DEVICES TO COMPLY WITH N.F.P.A. 904.4.4. ELECTRICAL CONTRACTOR SHALL WIRE PANEL AND SMOKE DETECTORS.
- CAREFULLY REVIEW THE SPECIFICATIONS FOR ADDITIONAL PROJECT REQUIREMENTS NOT SHOWN ON THE DRAWINGS.
- ALL INDICATED DUCT SIZES ARE CLEAR INSIDE DIMENSIONS.

12. TESTING AND BALANCING:

ALL HVAC SYSTEMS INSTALLED DURING THIS PROJECT ARE REQUIRED TO BE PROPERLY BALANCED BY AN INDEPENDENT, "THIRD PARTY" AIR BALANCING AGENCY. THE "T&B" CONTRACTOR MUST BE AABC &/OR NEBB CERTIFIED TO BE CONSIDERED FOR THIS PROJECT. AFTER RECEIPT OF THE OWNER'S APPROVAL, THE MECHANICAL CONTRACTOR SHALL ENGAGE THE APPROVED "T&B" (TESTING & BALANCING) CONTRACTOR.

ALL OF THE SUBSEQUENT T&B REPORTS SHALL BE DISTRIBUTED DIRECTLY TO THE OWNER & SHALL NOT BE ROUTED THROUGH THE MECHANICAL CONTRACTOR. IF THE MECHANICAL CONTRACTOR SHOULD DESIRE TO PERFORM THE "T&B" SERVICES HIMSELF, THE FOLLOWING PROCESSES SHALL APPLY - AABC &/OR NEBB CERTIFICATION IS REQUIRED, & THOROUGH DOCUMENTATION OF PREVIOUS PROJECTS "T&B" GENERATED BY THE MECHANICAL CONTRACTOR, INCLUDING COPIES OF THE ISSUED REPORTS, SHALL BE PRESENTED TO THE OWNER FOR HIS REVIEW DURING THE REVIEW/ APPROVAL PROCESS. IF THE MECHANICAL CONTRACTOR DOES NOT PROVIDE THE NECESSARY DOCUMENTATION, OR IF THE PRESENTED DOCUMENTATION DOES NOT SATISFY THE OWNER, THE "THIRD PARTY" T&B AGENCY WILL BE REQUIRED.

ANY "T&B" DOCUMENTATION REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED AS PART OF THE BASE SCOPE OF WORK. NO ADDITIONAL SERVICE FEES &/OR COSTS WILL BE ENTERTAINED REGARDING THIS ITEM. AGAIN, ANY & ALL "T&B" DOCUMENTATION SHALL BE DISTRIBUTED TO THE OWNER FIRST, & THEN AFTER OWNER APPROVAL, FURTHER DISSEMINATION OF THE SUBJECT DOCUMENTATION CAN OCCUR.

REQUIRED MEASURING TECHNIQUES:

- ALL DIFFUSERS, REGISTERS, &/OR GRILLES SHALL BE MEASURED BY UTILIZING A HOOD AXIAL VANE VELOMETER;
- TOTAL FLOW OF SUPPLY, EXHAUST, MAKE-UP, & RETURN AIR SYSTEMS SHALL BE DETERMINED BY PITOT TUBE TRAVERSES;
- UTILIZE THE INSTALLED VOLUME DAMPERS TO BALANCE ALL DEVICES PER THE PROJECT DOCUMENTS REQUIRED AIR QUANTITIES; &
- HOOD EXHAUST SYSTEMS SHALL NOT BE ACCEPTED, IF THE SYSTEM IS 1 CFM BELOW THE INDICATED EXHAUST AIR QUANTITY. LIKEWISE, THE HOOD EXHAUST SYSTEMS SHALL NOT BE ACCEPTED, IF THE SYSTEM IS MORE THAN 3% IN EXCESS OF THE INDICATED EXHAUST AIR QUANTITIES.

13. COORDINATE WITH FLYNN RESTAURANT GROUP/HUT AMERICAN GROUP CONSTRUCTION MANAGER FOR STRUCTURAL DESIGN AND SUPPORT REQUIREMENTS.

14. PROVIDE GUARDRAILS WHERE MECHANICAL EQUIPMENT THAT REQUIRE SERVICE ARE LOCATED WITHIN 10' OF A ROOF EDGE OR OPEN SIDE OF A WALKING SURFACE AS REQUIRED BY CODE.

- PROVIDE EXTERNALLY INSULATED 14"x12" MAKEUP AIR DUCT FROM SF-1 LOCATED ON ROOF TO KITCHEN HOOD MAKEUP AIR CONNECTIONS. REFER TO MECHANICAL ROOF PLAN FOR UNIT LOCATION. PROVIDE TRANSITIONS AS REQUIRED.
- TYPE I EXHAUST HOOD AT PIZZA OVENS FURNISHED BY OWNER AND INSTALLED BY MECHANICAL CONTRACTOR. REFER TO THE CAPTIVE SHEETS FOR ADDITIONAL INFORMATION.
- CONNECT GREASE DUCT TO EF-1 AT THE ROOF/CURB COLLAR & TRANSITION AS REQUIRED TO THE FACTORY FABRICATED 9"Ø STEEL GREASE DUCT FOR EXTENSION/CONNECTION TO THE TYPE I PIZZA OVEN EXHAUST HOOD AS SHOWN. THE TYPE I KITCHEN HOOD SHALL CONFORM TO THE REQUIREMENTS OF NFPA-96. PRODUCTS SHALL BE ETL LISTED TO UL-1978 AND UL-2221. DOUBLE WALL DUCTS SHALL BE LISTED FOR A CONTINUOUS INTERNAL TEMPERATURE OF 500°F AND INTERMITTENT TEMPERATURES OF 2000°F. BASIS OF DESIGN FOR THE FACTORY FABRICATED GREASE DUCT SHALL BE CAPTIVE AIRE MODELS DW-3Z, DW-3R, AND DW-2R. PRODUCTS SHALL BE PROVIDED IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND REQUIREMENTS. THE "OWNER SUPPLIED" ROOF CURB SHALL BE A MINIMUM OF 24" IN HEIGHT. WHEN UTILIZING THE SPECIFIED, "OWNER SUPPLIED" PIZZA OVEN EXHAUST FAN, THE OWNER SHALL PROVIDE THE HOOD & ITS ASSOCIATED FAN (WITH CURB). THE MECHANICAL CONTRACTOR SHALL INSTALL THE EQUIPMENT, AS SHOWN, PROVIDING THE CONNECTING DUCTWORK, SQUARE TO ROUND TRANSITIONS IF NEEDED, WRAP, SUPPORTS, & OTHER APPURTENANCES AS REQUIRED FOR A COMPLETE & OPERABLE SYSTEM.
- TYPE I EXHAUST HOOD AT FRYERS FURNISHED BY OWNER AND INSTALLED BY MECHANICAL CONTRACTOR. REFER TO THE CAPTIVE SHEETS FOR ADDITIONAL INFORMATION.
- CONNECT GREASE DUCT TO EF-2 AT THE ROOF/CURB COLLAR & TRANSITION AS REQUIRED TO THE FACTORY FABRICATED 7"Ø STEEL GREASE DUCT FOR EXTENSION/CONNECTION TO THE TYPE I WINGSTREET FRYER EXHAUST HOOD AS SHOWN. THE TYPE I KITCHEN HOOD SHALL CONFORM TO THE REQUIREMENTS OF NFPA-96. PRODUCTS SHALL BE ETL LISTED TO UL-1978 AND UL-2221. DOUBLE WALL DUCTS SHALL BE LISTED FOR A CONTINUOUS INTERNAL TEMPERATURE OF 500°F AND INTERMITTENT TEMPERATURES OF 2000°F. BASIS OF DESIGN FOR THE FACTORY FABRICATED GREASE DUCT SHALL BE CAPTIVE AIRE MODELS DW-3Z, DW-3R, AND DW-2R. PRODUCTS SHALL BE PROVIDED ACCORDANCE WITH PROJECT SPECIFICATIONS AND REQUIREMENTS. THE "OWNER SUPPLIED" ROOF CURB SHALL BE A MINIMUM OF 22-1/2" IN HEIGHT, WHEN UTILIZING THE SPECIFIED, "OWNER SUPPLIED" WINGSTREET FRYER EXHAUST FAN. THE OWNER SHALL PROVIDE THE HOOD & ITS ASSOCIATED FAN (WITH CURB). THE MECHANICAL CONTRACTOR SHALL INSTALL THE EQUIPMENT, AS SHOWN, PROVIDING THE CONNECTING DUCTWORK, SQUARE TO ROUND TRANSITIONS IF NEEDED, WRAP, SUPPORTS, & OTHER APPURTENANCES AS REQUIRED FOR A COMPLETE & OPERABLE SYSTEM.
- PROVIDE ANSUL (OR OTHER APPROVED EQUAL) FIRE SUPPRESSION SYSTEM FOR HOOD. CONNECT TO XLT OVEN PIPING KIT FURNISHED WITH PIZZA OVEN.
- PROVIDE NEW TEMPERATURE SENSOR MOUNTED AT 48" AFF. REFER TO HVAC SPECIFICATIONS SHEET FOR SENSOR REQUIREMENTS. PROVIDE INSULATED BACK PLATE FOR SENSOR IF MOUNTED ON EXTERIOR WALL.
- PROVIDE CEILING MOUNTED EXHAUST FAN ABOVE RESTROOM. ROUTE DUCT FROM EXHAUST FAN TO ROOF HOOD. SEE MECHANICAL ROOF PLAN FOR HOOD LOCATION. BALANCE FAN TO SCHEDULED CFM AND INTERLOCK OPERATION WITH RESTROOM LIGHT SWITCH.
- PROVIDE PVC JACKET FOR REFRIGERANT LINES IN COOLER AND FREEZER.
- DO NOT INSTALL DAMPERS ABOVE FREEZER/COOLER CEILING.
- REFER TO SHEET E5 AND COORDINATE WITH ELECTRICAL CONTRACTOR FOR REMOTE MOUNTED CONTROL PANEL WITH TEMPERATURE SENSOR FOR PIZZA OVEN HOOD. MOUNT CONTROL BOX AT 48" AFF.
- PROVIDE UL2075 CARBON MONOXIDE DETECTOR RATED FOR COMMERCIAL KITCHEN APPLICATION OR APPROVED EQUAL. MOUNT ON CEILING.
- PROVIDE 1" COPPER CONDENSATE DRAIN LINE FROM THE EVAPORATOR COILS IN THE WALK-IN COOLER AND FREEZER. PROVIDE P-TRAPS ON CONDENSATE DRAIN LINE AT EVAPORATOR COILS. ROUTE TO FLOOR DRAIN AS SHOWN. CONDENSATE PIPING SHALL BE INSTALLED AS HIGH AS POSSIBLE IN WALK-IN COOLER AND FREEZER TO ALLOW FOR SHELVLING INSTALLATION. 1-1/2" AIRGAP FOR INDIRECT WASTE REQUIRED.
- CONNECT DUCTS TO EQUIPMENT ON ROOF. PROVIDE TRANSITIONS AS REQUIRED. SEE ROOF PLAN FOR UNIT LOCATIONS.
- INSTALL THERMOSTAT FURNISHED WITH HVAC EQUIPMENT AT 48" AFF.

GENERAL NOTES 3

KEY NOTES 2

MINIMUM OUTDOOR AIR REQUIREMENTS

ROOM	AREA IN SQ. FT.	PEOPLE PER 1000 SQ. FT.	CFM PER PERSON	CFM PER SQ. FT.	EXHAUST REQUIRED CFM	CODE REQUIRED CFM	NOTES
KITCHEN AREA	1055	20	7.5	0.12	739	285	
LOBBY	156	30	7.5	0.06	--	35	
STORAGE	0	--	--	0.12	--	0	
RESTROOM	58	--	--	--	70	--	TRANSFERRED FROM ADJACENT SPACE
*TOTAL						320	

* PER AIR BALANCE SCHEDULE 1940 CFM OF OUTDOOR AIR TO BE SUPPLIED TO SPACE.

FIELD VERIFICATION NOTES:

- VERIFY THE AVAILABLE "ABOVE CEILING CLEAR SPACE" FOR DUCT INSTALLATION, PRIOR TO THE COMMENCEMENT OF ANY DUCT FABRICATION. ALLOW 6" ABOVE THE CEILING LINE FOR LIGHT FIXTURES. THE DUCTWORK SHALL EXTEND AS REQUIRED BELOW THE BAR JOISTS. IF ROUTING OF THE DUCT NEEDS TO BE "THROUGH" THE JOISTS IN ANY LOCATION, THIS MUST BE APPROVED BY THE OWNER, PRIOR TO INSTALLATION. LIKEWISE, IF THE DUCT DIMENSIONS ARE TO BE REVISED/MODIFIED, THE REVISIONS/MODIFICATIONS MUST BE APPROVED PRIOR TO INSTALLATION.
- VERIFY THE PROPOSED SENSOR AND THERMOSTAT LOCATIONS WITH HUT AMERICAN PROJECT MANAGER PRIOR TO THE INSTALLATION OF SAME.
- VERIFY AVAILABLE ELECTRICAL SYSTEM VOLTAGES, & COORDINATE WITH ALL "TO BE SUPPLIED" ELECTRICAL DEVICES/EQUIPMENT.

GREASE DUCT ALTERNATIVE

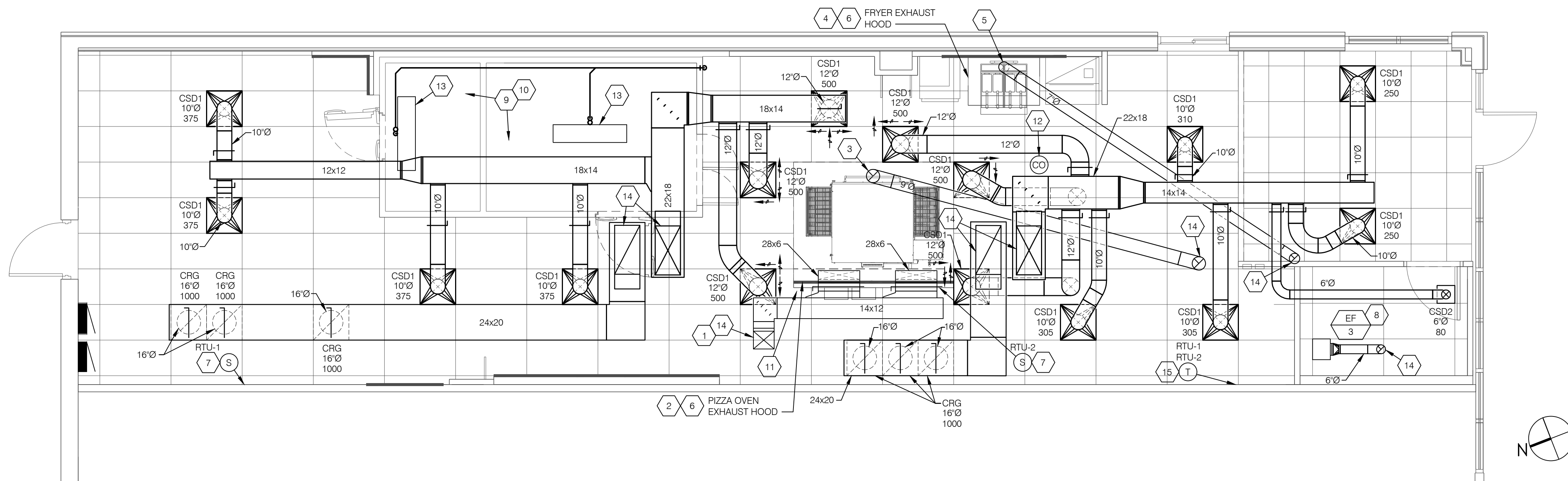
AS AN ALTERNATIVE TO DOUBLE WALL FACTORY FABRICATED GREASE EXHAUST DUCT AS SPECIFIED, THE CONTRACTOR MAY FURNISH FIELD FABRICATED GREASE DUCT. THE DUCT SHALL BE WRAPPED (IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS) WITH 1-1/2" THICK FIREMASTER DUCT WRAP, AS MANUFACTURED BY 3M CO. (OR OTHER APPROVED EQUAL) AS REQUIRED, IN ORDER TO ACHIEVE COMPLIANCE WITH THE CODE REQUIRED GREASE DUCT ENCLOSURE. WRAP SHALL EXTEND FROM THE DUCT CONNECTION AT THE HOOD TO THE DUCT PENETRATION/CONNECTION AT THE ROOF/CURB COLLAR. COMPLETE THROUGHOUT THE ENTIRE LENGTH. IF DUCT ACCESS DOORS ARE REQUIRED, THE FIRE PROTECTIVE WRAP MUST BE INSTALLED/MODIFIED, PER THE MANUFACTURER'S INSTRUCTIONS.

DUCTWORK NOTE:

FLEXIBLE DUCTWORK SHALL NOT EXCEED 5'-0" IN LENGTH AND SHALL NOT BE INSTALLED IN INACCESSIBLE AREAS. FLEXIBLE DUCT SHALL BE SUPPORTED TO AVOID SHARP BENDS AND SAGGING. ANY DUCT NOT PROPERLY INSTALLED WILL BE REPLACED AT CONTRACTORS EXPENSE.

CONDENSATE NOTE:

THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING CONDENSATE PIPING. REFER TO THIS SHEET AND MECHANICAL ROOF PLAN SHEET FOR ROUTING. MECHANICAL CONTRACTOR SHALL WRAP THE WALK-IN FREEZER DRAIN PIPING WITH HEAT TRACE TAPE. INSULATE WITH 3/4" ARMAFLEX INSULATION, AND PROVIDE PVC FIELD JACKET FOR ALL CONDENSATE PIPE IN THE FREEZER.



DATE: 02/17/25
JOB NO: 2597
DRAWN: GG,TF,TW
CHECKED: AR,CF
ACCF #: 2420408

H.V.A.C. FLOOR PLAN

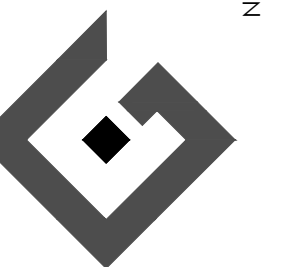


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PIZZA HUT #2597
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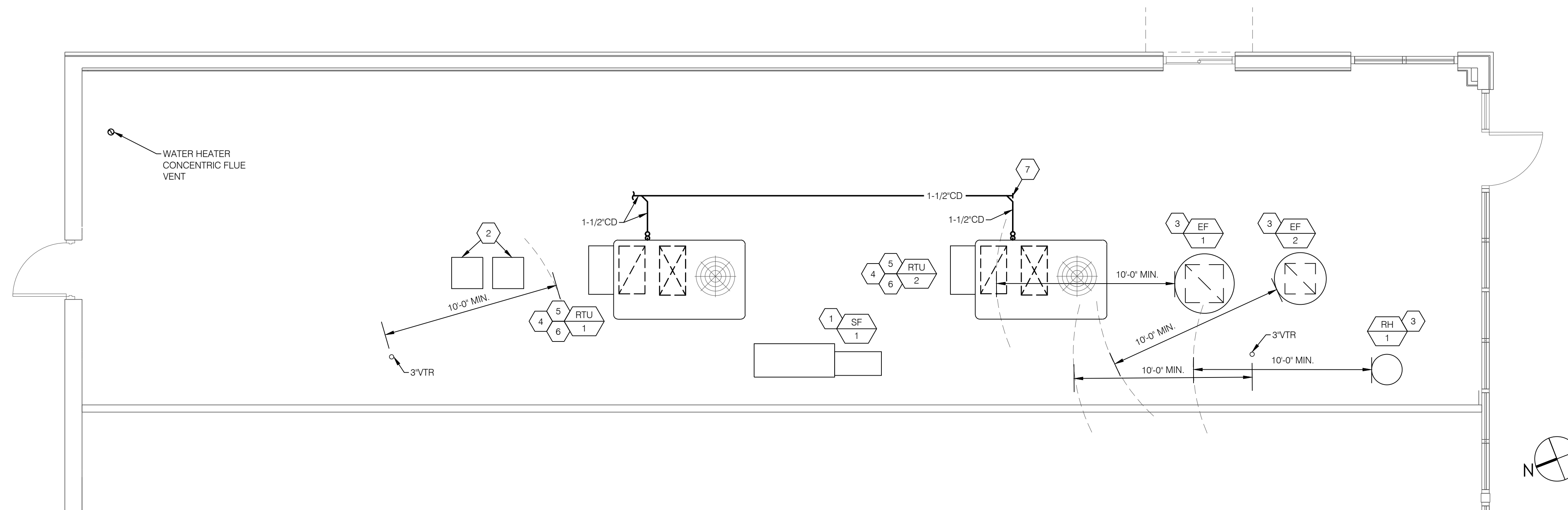


02/17/2025

SHEET NUMBER

M1

REVISIONS:



- 1 ROOF MOUNTED MAKEUP AIR UNIT AND ASSOCIATED CURB FURNISHED BY OWNER AND INSTALLED BY MECHANICAL CONTRACTOR. FIELD VERIFY MOUNTING LOCATION. REFER TO SHEET M08 FOR ADDITIONAL INFORMATION.
- 2 ROOF MOUNTED REMOTE CONDENSING UNITS FOR FREEZER/COOLER SHOWN FOR REFERENCE ONLY.
- 3 ROOF HOOD / EXHAUST FAN TO BE LOCATED A MINIMUM OF 10'-0" FROM ALL MECHANICAL AIR INTAKE LOCATIONS.
- 4 NEW RTU AND ROOF CURB. RTU SHALL BE LOCATED AT LEAST 10'-0" FROM EDGE OF ROOF. COORDINATE WITH FLYNN CONSTRUCTION MANAGER AND STRUCTURAL DRAWINGS FOR EXACT RTU INSTALLATION LOCATION. MAINTAIN ALL MANUFACTURERS CLEARANCES FROM ADJACENT EQUIPMENT.
- 5 CONTRACTOR TO PROVIDE MANUFACTURERS 14" ROOF CURB FOR SCHEDULED RTU.
- 6 PROVIDE 1-1/2" PVC CONDENSATE LINE FOR HVAC UNITS. DRAIN TO ROOF DRAIN OR GUTTERS. PROVIDE AIR GAP PER CODE. 1-1/2" MINIMUM REQUIRED.
- 7 PROVIDE SCREWED CLEAN OUT TYPICAL AS SHOWN.

KEY NOTES 2

FIELD VERIFICATION NOTES:

1. CODE REQUIRED MINIMUM DISTANCES BETWEEN AIR INTAKE LOCATIONS, AND EXHAUST &/OR FLUE DISCHARGE LOCATIONS SHALL BE PROPERLY MAINTAINED. ALL CODE REQUIRED DIMENSIONS FOR THE VARIOUS APPURTENANCES SHALL BE REVIEWED, VERIFIED, & COORDINATED BY THE MECHANICAL CONTRACTOR. ANY DISCREPANCIES SHALL BE IDENTIFIED TO THE OWNER OR OWNERS REPRESENTATIVE, IN WRITING, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION/INSTALLATION.
2. THE PROPOSED "PROJECT TEAM APPROVED" LOCATIONS OF ALL ROOF-MOUNTED EQUIPMENT SHALL BE PRESENTED TO THE OWNER/LANDLORD FOR THEIR APPROVAL (REQUIRED), PRIOR TO THE COMMENCEMENT OF CONSTRUCTION/INSTALLATION. RECONCILE ANY DISCREPANCIES BEFORE PRESENTING THE PROPOSED LOCATIONS FOR APPROVAL.

CONDENSATE NOTE:
ROUTE ROOFTOP UNIT CONDENSATE LINE TO ROOF DRAIN OR GUTTER.

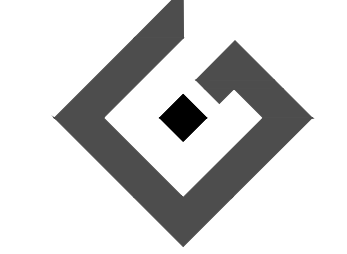
DATE: 02/17/25
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H.V.A.C. ROOF PLAN



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SHEET NUMBER
M2

ROOFTOP PACKAGE UNIT W/PROPANE HEAT SCHEDULE

(OWNER SUPPLIED AND CONTRACTOR INSTALLED)

MARK	MANUFACTURER	MODEL NUMBERS	COOLING CAPACITY (TONS)	CFM S.A.	CFM O.S.A.	EXT. SP. IN IN H2O	COOLING DATA				FAN MOTOR HP	HEATING DATA			COMP. MOTOR RLA	MCA	MOCP	V/PH/Hz	WEIGHT IN LBS.	NOTES
							TOTAL COOLING MBH	SENSIBLE COOLING MBH	ENTERING AIR TEMP D.B./W.B.	EFFICIENCY IEER		GAS INPUT MBH	GAS OUTPUT MBH	STAGES						
RTU - 1	TRANE	YSJ090	7.5	3000	550	0.8	94.5	65.0	80/67	14.6	3	150	121	2	16.4	42	50	208/3/60	1300	A-K
RTU - 2	TRANE	YSJ090	7.5	3000	550	0.8	94.5	65.0	80/67	14.6	3	150	121	2	16.4	42	50	208/3/60	1300	A-K

- NOTES:**
- A. PROVIDE WITH TRANE "PIVOT" SMART THERMOSTAT (CONTRACTOR TO PROVIDE TRANE REMOTE SENSOR COMPATIBLE WITH THERMOSTAT). REF: SHEET M6. ITEM #10 FOR ADDITIONAL INFORMATION. SEE MECHANICAL FLOOR PLAN FOR INSTALLATION LOCATIONS.
 - B. REFER TO ELECTRICAL SHEETS FOR SMOKE DETECTOR REQUIREMENTS.
 - C. PROVIDE WITH MANUFACTURERS 14" ROOF CURB.
 - D. PROVIDE WITH DIFFERENTIAL ENTHALPY TYPE ECONOMIZER WITH BAROMETRIC RELIEF.
 - E. PROVIDE UNIT WITH UNPOWERED GFCI CONVENIENCE OUTLET.
 - F. PROVIDE UNIT WITH FACTORY INSTALLED HINGED ACCESS PANELS.
 - G. DIVISION 16 PROVIDED DISCONNECT SWITCH.
 - H. PROVIDE DRAIN PAN WITH FLOAT SWITCH. UNIT SHALL SHUT DOWN UPON ALARM FROM FLOAT SWITCH.
 - J. PROVIDE WITH HOT GAS REHEAT.
 - K. PROVIDE WITH PROPANE CONVERSION KIT.

EXHAUST AIR FAN SCHEDULE

(OWNER SUPPLIED AND CONTRACTOR INSTALLED)

MARK	TYPE	CFM	S.P. IN INCHES IN H2O	MAX FAN RPM	MAX FAN TIP SPEED	SONES	FAN DRIVE	WEIGHT IN LBS.	MOTOR H.P.	V/PH/Hz	BASIS DESIGN	NOTES
EF - 1	PIZZA OVEN HOOD EXH. FAN	1000	1.10	1534	--	16.4	DIRECT	83	1/2	115/1/60	CAPTIVEAIRE DU50HFA	A,B
EF - 2	WINGSTREET FRYER HOOD EXH. FAN	600	0.85	1456	--	14.6	DIRECT	75	1/3	115/1/60	CAPTIVEAIRE DU33HFA	A,B
EF - 3	RESTROOM EXH. FAN	90	0.25	861	--	1.6	DIRECT	18	69 WATTS	115/1/60	COOK GC-144	C

- NOTES:**
- A. ACCESSORIES INCLUDED: EXTENDED ROOF CURB (HEIGHT AS REQUIRED TO MEET CODE - DISCHARGE @ MIN. 40" ABOVE ROOFLINE); NEMA 3R NFDS; CONSTRUCTED TO MEET NFPA 96 & UL 762; WITH U.L. LISTING REQUIRED.
 - B. REFER TO ELECTRICAL PROJECT DOCUMENTS FOR ALL REQUIRED INTERLOCK. VERIFY PROPER OPERATION.
 - C. ACCESSORIES INCLUDED: BACKDRAFT DAMPER.

MAKE-UP AIR UNIT SCHEDULE

(OWNER SUPPLIED AND CONTRACTOR INSTALLED)

MARK	TYPE	CFM TOTAL	FAN DRIVE	EXT. S.P. IN IN H2O	INPUT MBH	OUTPUT MBH	MAXIMUM RPM	WEIGHT IN LBS.	MOTOR H.P.	V/PH/Hz	BASIS OF DESIGN	NOTES
SF-1	FILTERED MAKE-UP AIR SUPPLY FAN	840	BELT	0.5	50	46	1606	287	1	115/1/60	CAPTIVEAIRE D76	A,B

- NOTES:**
- A. ACCESSORIES INCLUDED: 20" ROOF CURB - ALUMINUM; NEMA 3R NFDS; 2" WASHABLE FILTERS REQUIRED; WITH U.L. LISTING.
 - B. REFER TO ELECTRICAL PROJECT DOCUMENTS FOR ALL REQUIRED INTERLOCKS.

AIR BALANCE SCHEDULE

EQUIPMENT LABELS & DESCRIPTIONS	TOTAL AIRFLOW PER UNIT (CFM)	RECIRCULATED RETURN AIRFLOW (CFM)	FRESH "OUTSIDE" AIRFLOW (CFM)	EXHAUST AIRFLOW (CFM)	BUILDING PRESSURE (CFM)	NOTES
RTU - 1	3000	2450	550	--	550	
RTU - 2	3000	2450	550	--	550	
EF - 1 (PIZZA OVEN HOOD)	1000	--	--	-1000	-1000	
EF - 2 (FRYER HOOD)	600	--	--	-600	-600	
EF - 3 (TOILET EXHAUST)	90	--	--	-90	-90	
SF - 1	840	--	840	--	840	

RESULTING BUILDING PRESSURIZATION (CFM) * 250

* RESULTING BUILDING PRESSURIZATION = (+FRESH/OUTSIDE AIR FLOW) + (-EXHAUST AIR FLOW);
 IF NET AIRFLOW IS "+" CFM = BLDG. POSITIVE PRESSURE
 IF NET AIRFLOW "-" CFM = BLDG. NEGATIVE PRESSURE.

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

(CONTRACTOR TO FURNISH AND INSTALL)

MARK	MANUFACTURER	MODEL	FACE TYPE	MOUNTING LOCATION	FACE SIZE (IN)	NOTES
CSD1	TITUS	TMS-AA	LOUVERED	CEILING	24"x24"	A,B,C,D,E,F,G,H
CSD2	TITUS	TMS-AA	LOUVERED	CEILING	12"x12"	A,B,C,E,F,G,H
CRG	TITUS	350RL	LOUVERED	CEILING	22"x22"	C,E,F,G,H,J

- NOTES:**
- A. NECK SIZE SHOWN ON DRAWINGS.
 - B. 4-WAY THROW PATTERN UNLESS OTHERWISE SHOWN ON DRAWINGS.
 - C. BAKED ENAMEL FINISH, WHITE.
 - D. PROVIDE SECTORIZING BAFFLES AS NEEDED TO MATCH AIRFLOW ON PLANS.
 - E. PROVIDE INSULATED (R-6 MIN) BACKPAN AND NECK FOR DUCT CONNECTION.
 - F. BRANCH DUCT SIZE SHALL BE SAME AS NECK SIZE UNLESS OTHERWISE SHOWN ON DRAWINGS.
 - G. FRAME TYPE TO MATCH CEILING CONSTRUCTION. COORDINATED WITH ARCHITECTURAL REFLECTED CEILING PLAN.
 - H. ALUMINUM CONSTRUCTION.
 - J. FRONT BLADES PARALLEL TO LONG DIMENSION.

ROOF HOOD SCHEDULE

(CONTRACTOR TO FURNISH AND INSTALL)

MARK	MANUFACTURER	MODEL NUMBERS	SERVICE	CFM	THROAT SIZE (IN)	PRESSURE DROP (IN H2O)	WEIGHT IN LBS.	NOTES
RH - 1	GREENHECK	GRSR8	EXHAUST	90	8	0.08	7	A,B,C

- NOTES:**
- A. PROVIDE WITH MANUFACTURERS 14" ROOF CURB.
 - B. PROVIDE WITH BIRDSCREEN.
 - C. PROVIDE WITH BACKDRAFT DAMPER.

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H.V.A.C. SCHEDULES



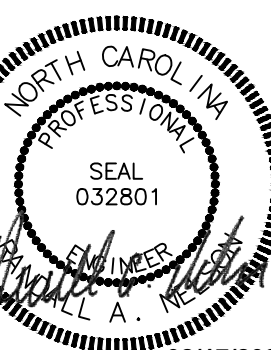
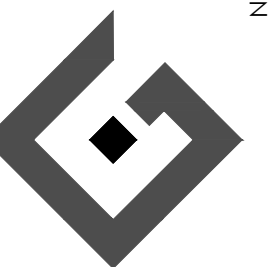
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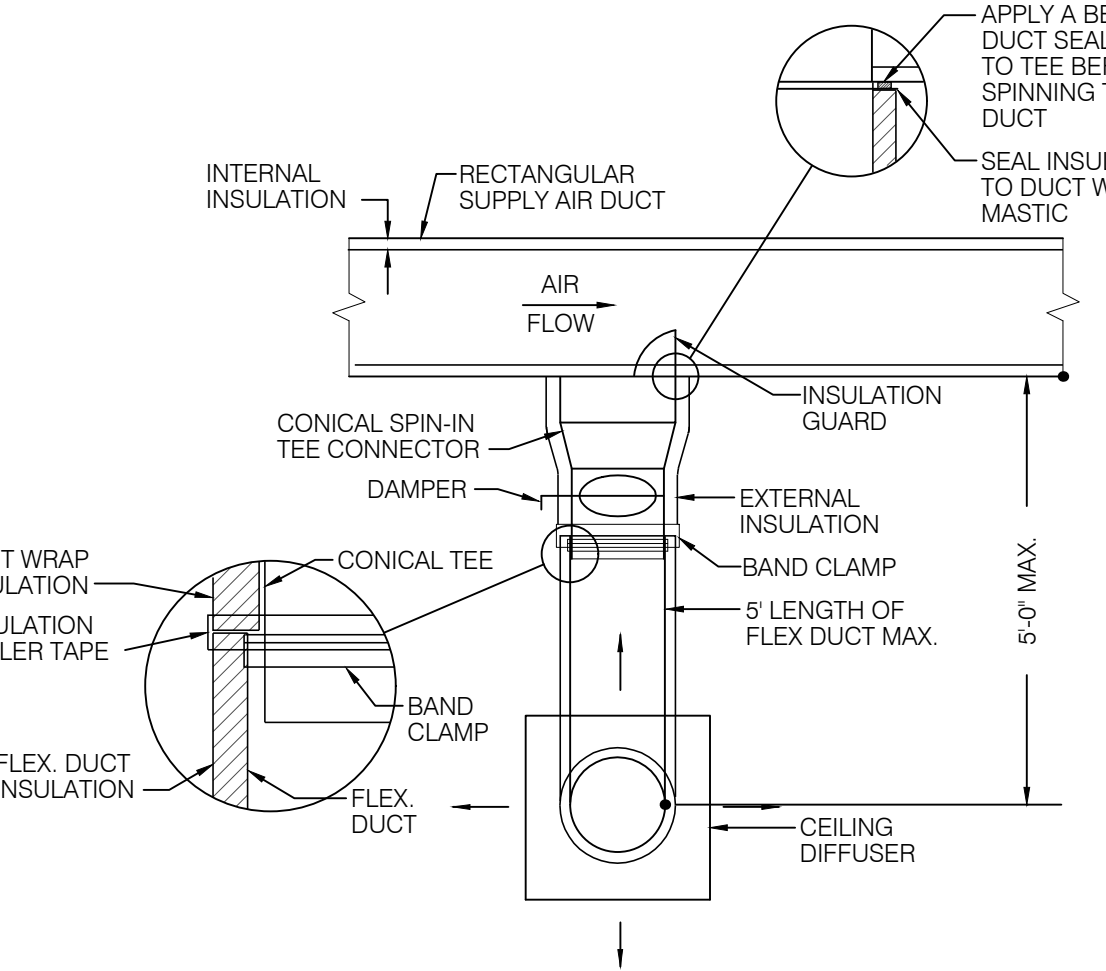
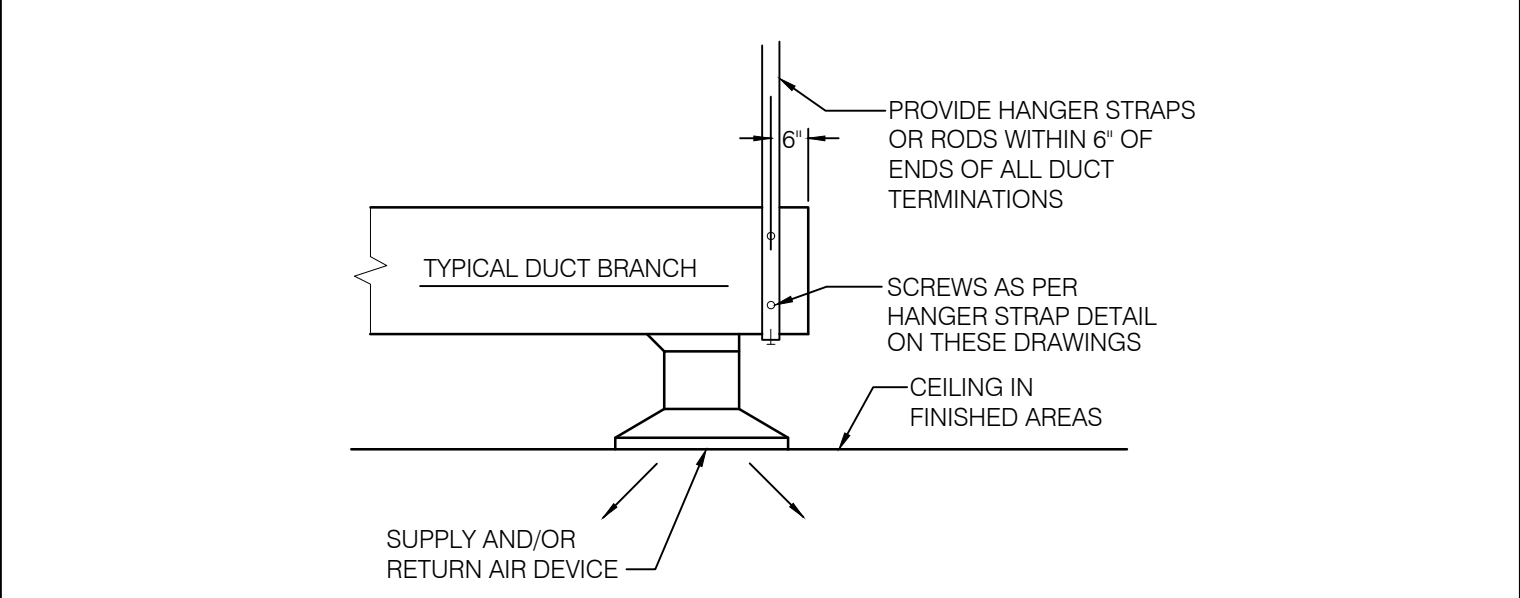
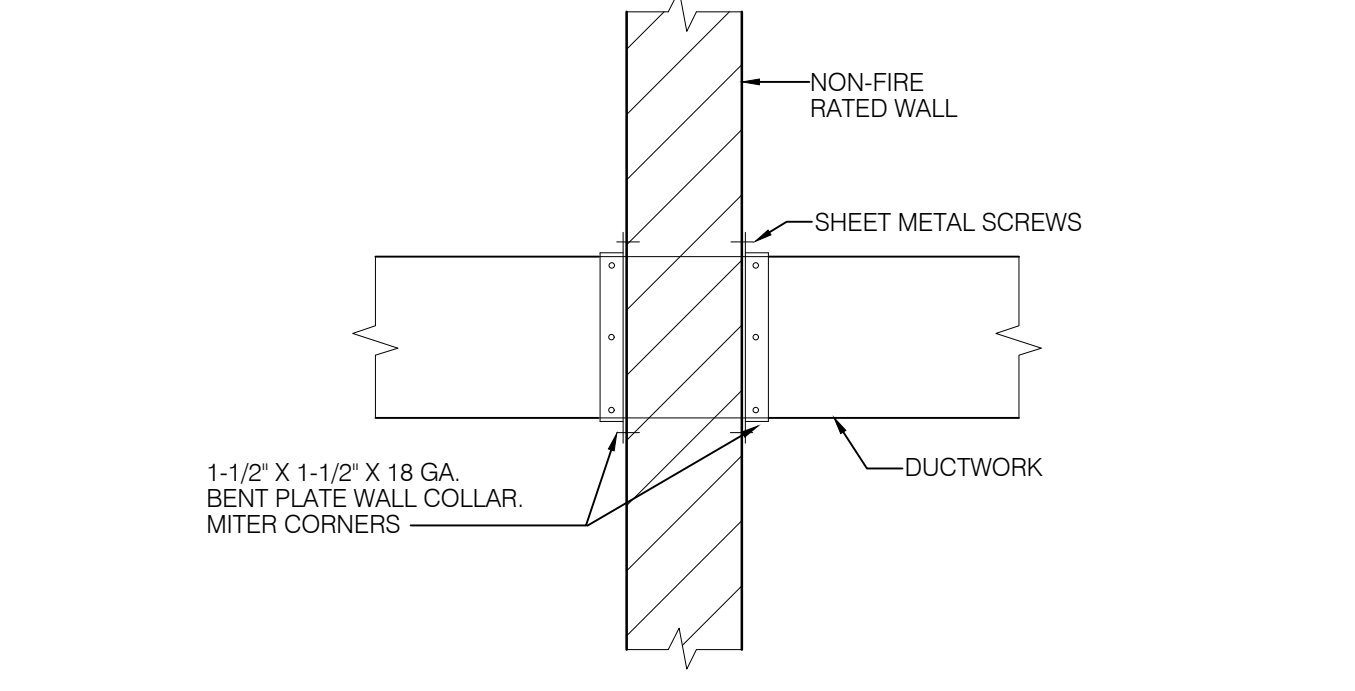
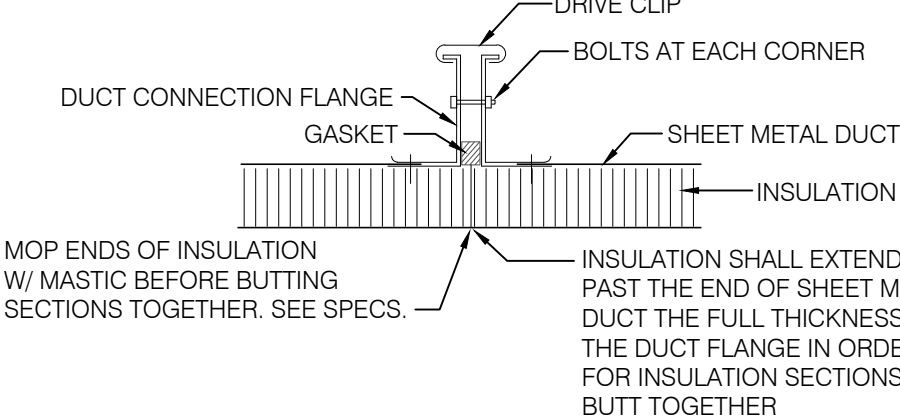
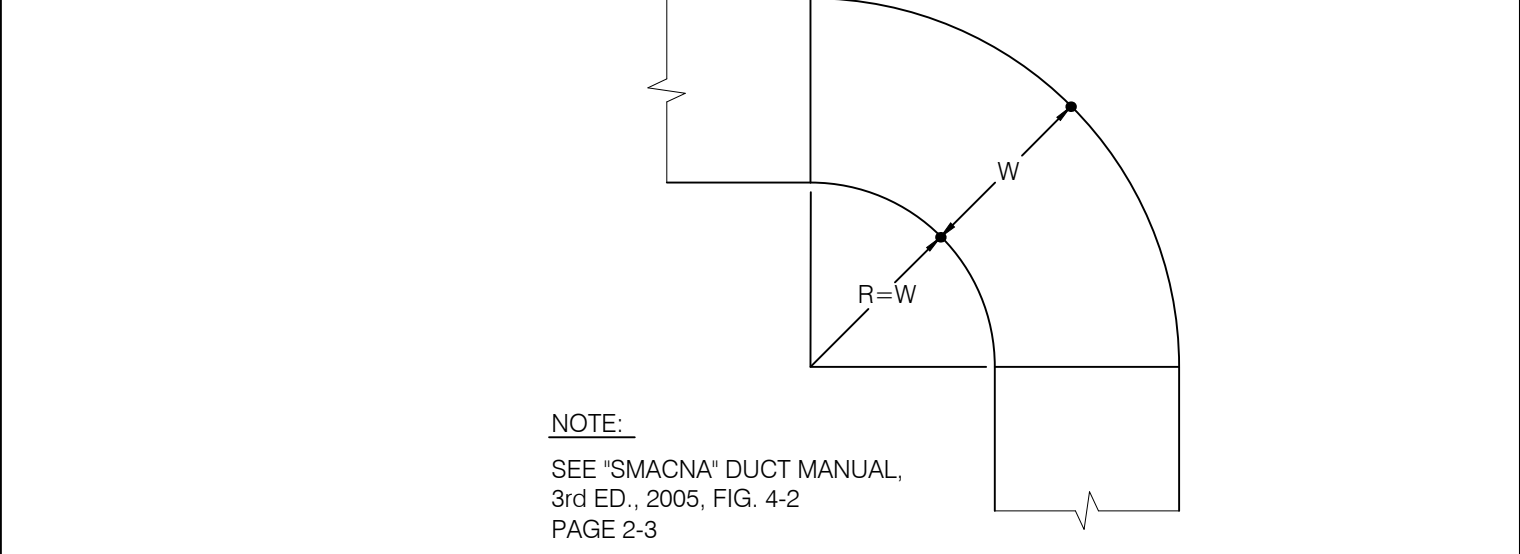
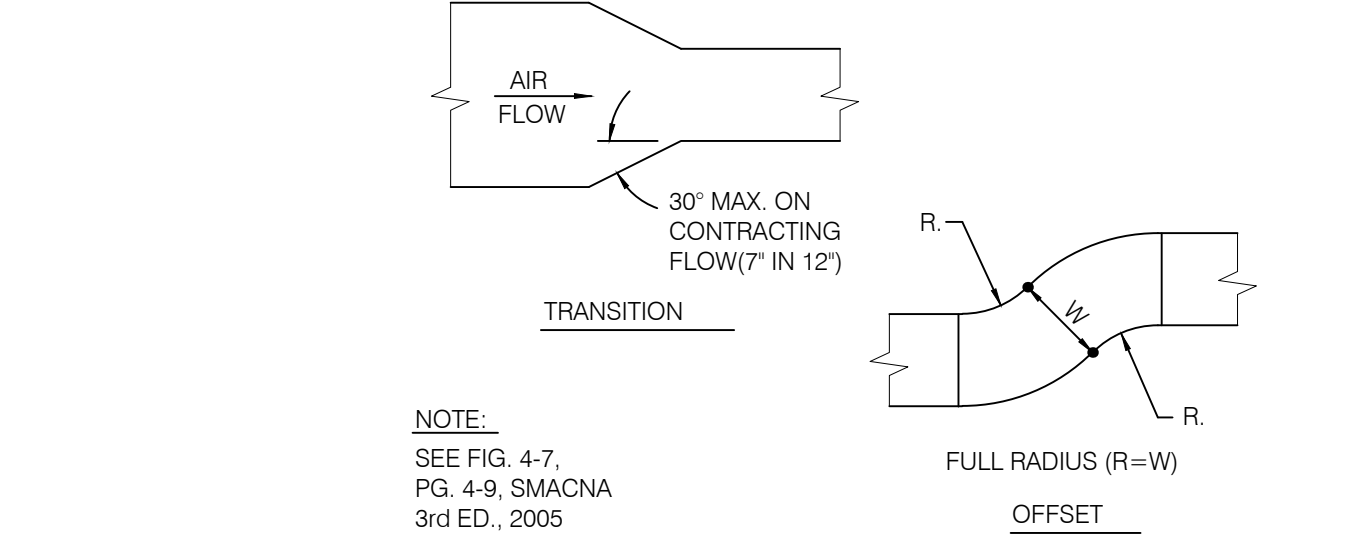
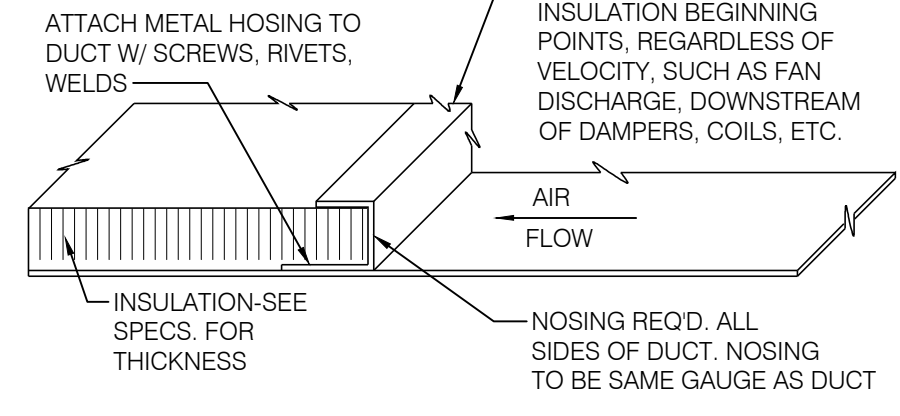
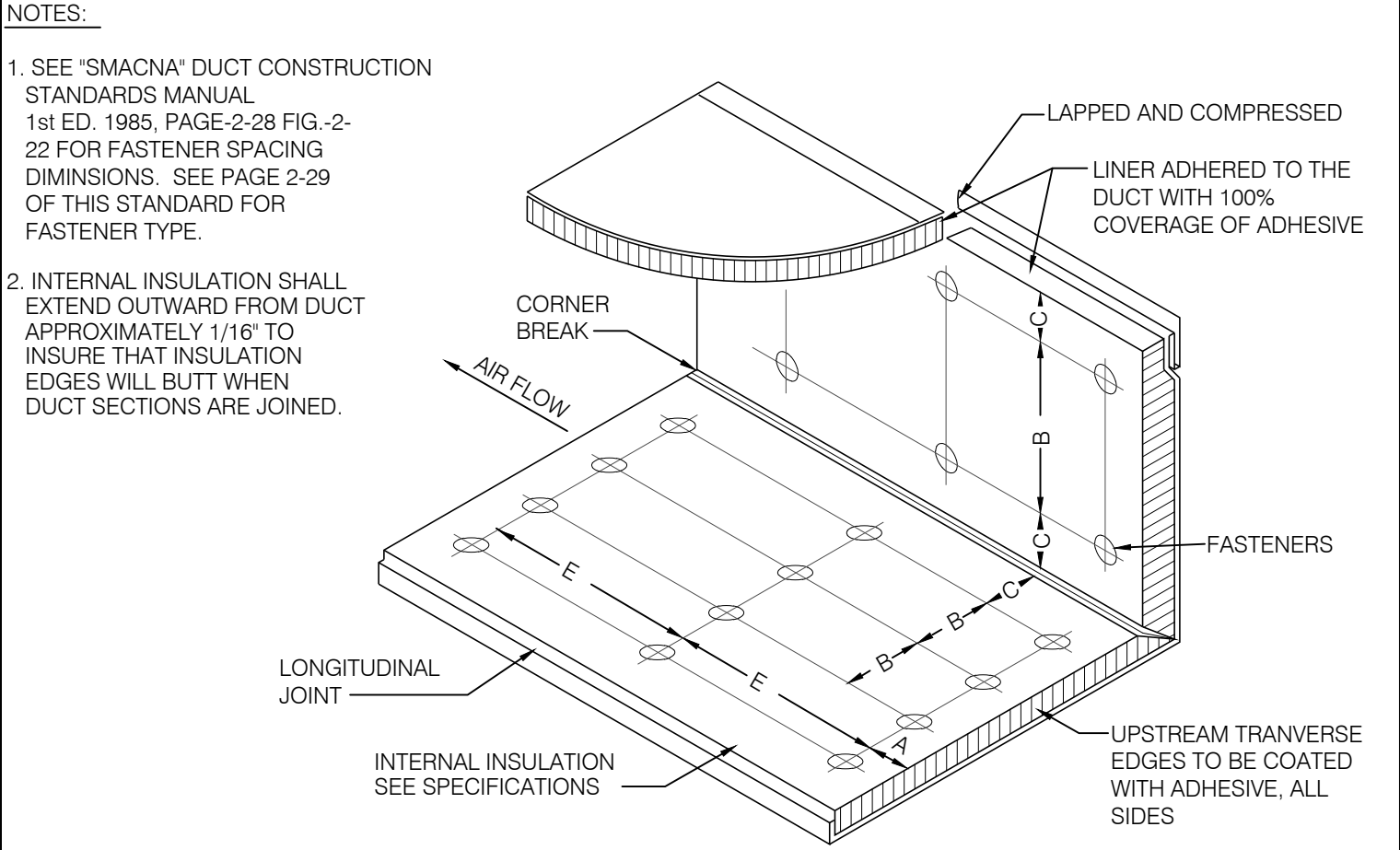
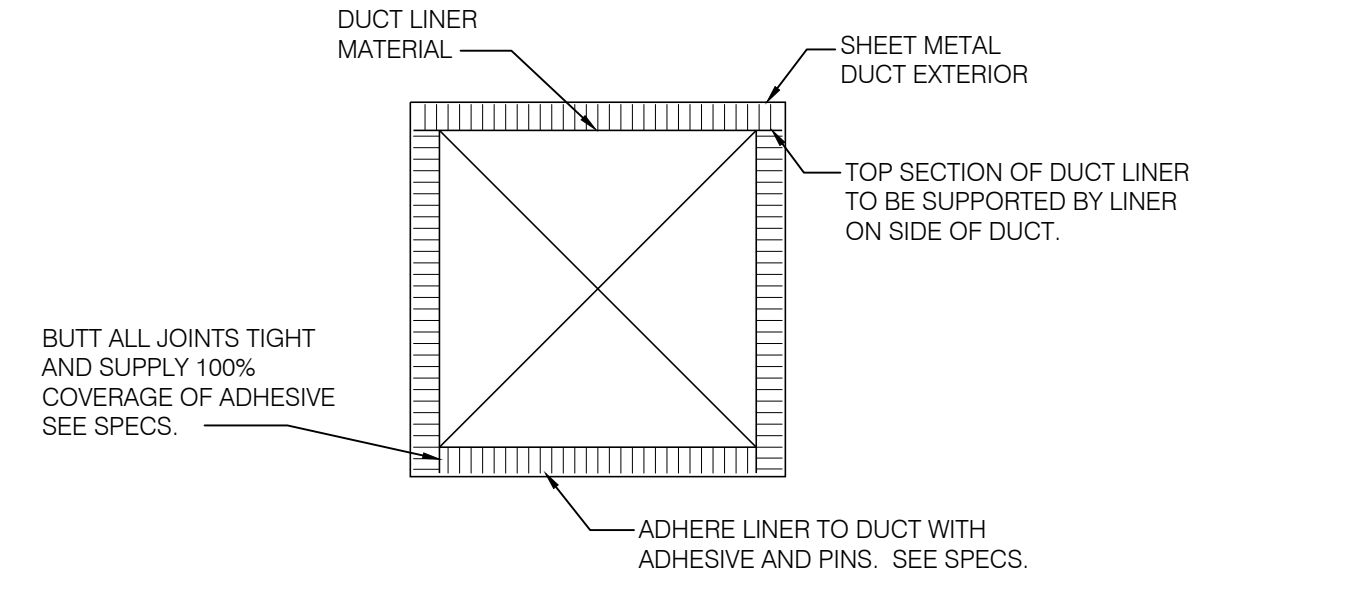
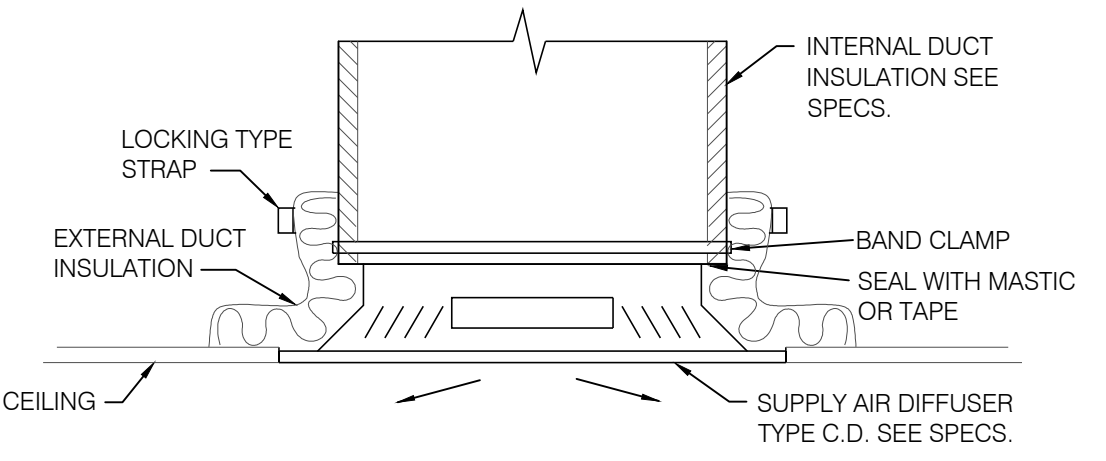
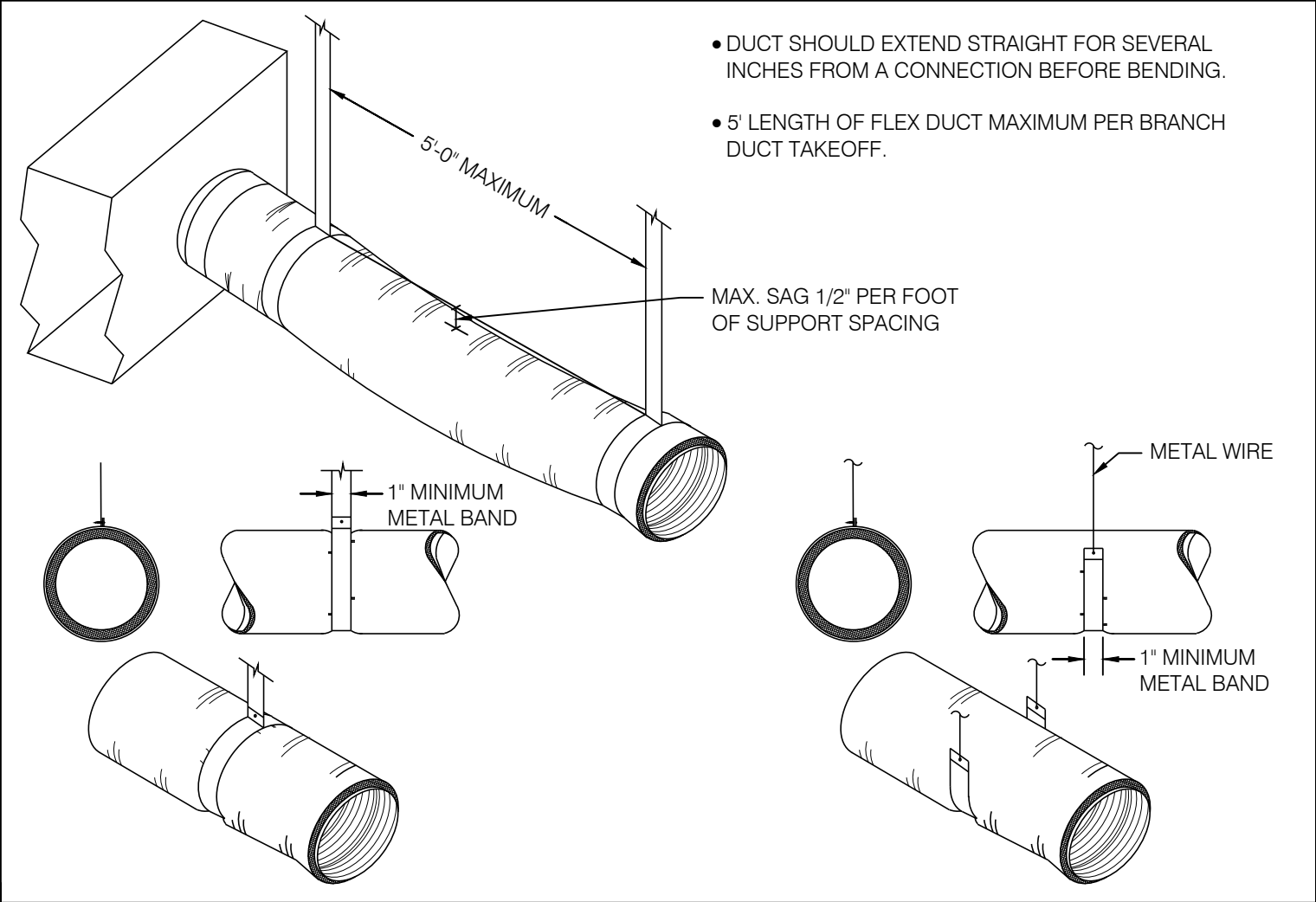
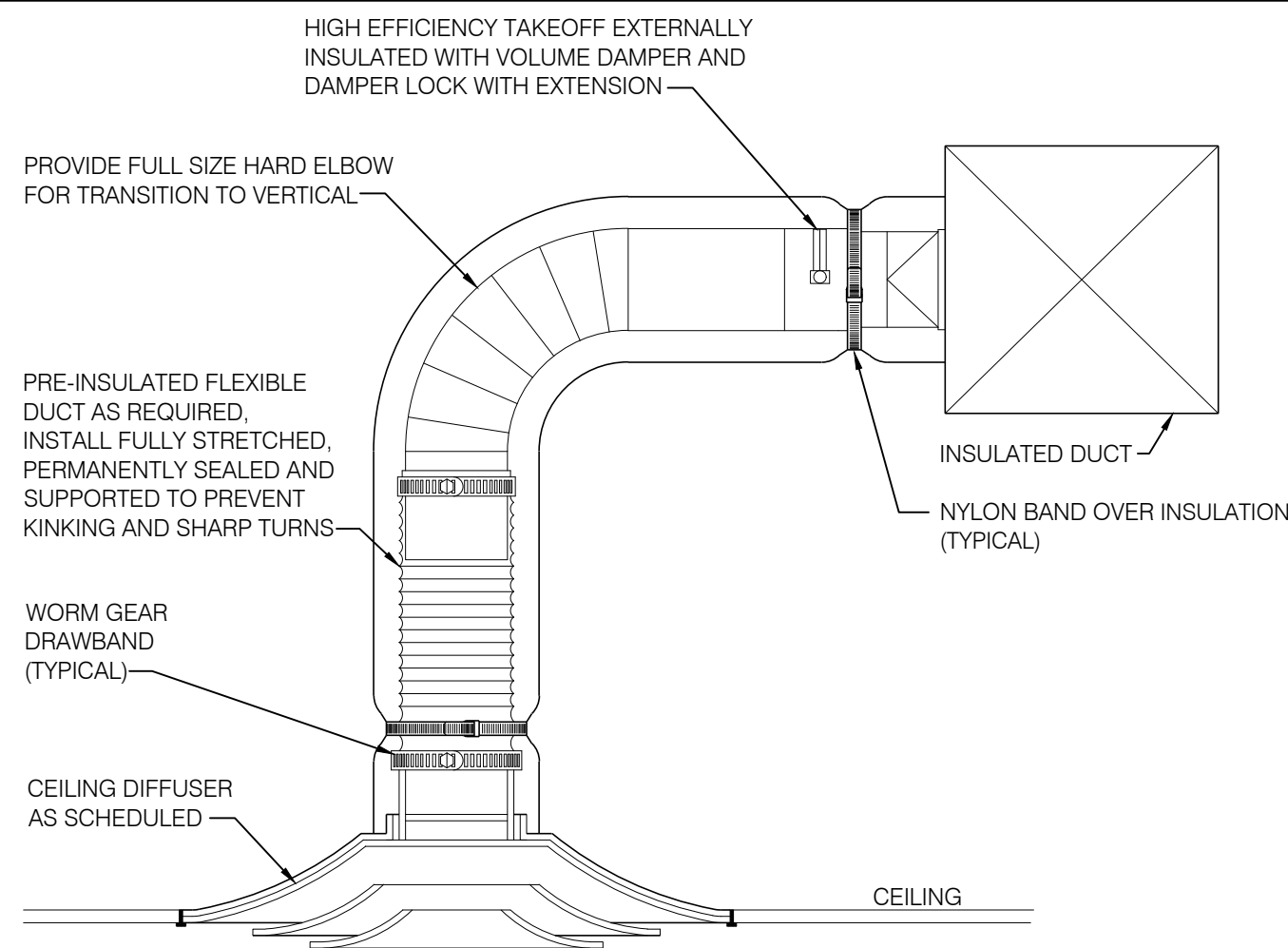
02/17/2025

SHEET NUMBER

M3

REVISIONS:

<p>NOT USED</p>	<p>N.T.S.</p>	<p>16</p>	<p>LAY-IN CEILING DIFFUSER</p>	<p>N.T.S.</p>	<p>15</p>	<p>FLEXIBLE DUCTWORK SUPPORT</p>	<p>N.T.S.</p>	<p>14</p>	<p>13</p>
<p>NOT USED</p>	<p>N.T.S.</p>	<p>12</p>	<p>TYPICAL SECTION THRU INTERNALLY LINED DUCT</p>	<p>N.T.S.</p>	<p>11</p>	<p>FLEXIBLE DUCT LINER INSTALLATION SCHEMATIC</p>	<p>N.T.S.</p>	<p>10</p>	<p>9</p>
<p>NOT USED</p>	<p>N.T.S.</p>	<p>8</p>	<p>TYPICAL DUCT TRANSITION AND OFFSET</p>	<p>N.T.S.</p>	<p>7</p>	<p>TYPICAL RADIUS ELBOW</p>	<p>N.T.S.</p>	<p>6</p>	<p>5</p>
<p>NOT USED</p>	<p>N.T.S.</p>	<p>4</p>	<p>DUCT PENETRATION THRU NON-FIRE RATED WALL</p>	<p>N.T.S.</p>	<p>3</p>	<p>TYPICAL DUCT RUN TERMINATION</p>	<p>N.T.S.</p>	<p>2</p>	<p>1</p>



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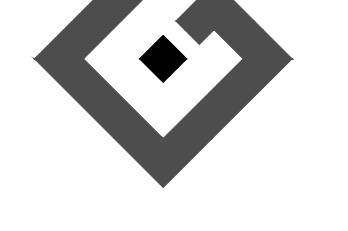
H.V.A.C. DETAILS



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SHEET NUMBER
M4

NOT USED	N.T.S.	16
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HOOD INSTALLATION:
 1. INSTALLATION OF VENTILATION SYSTEM WILL BE BY CONTRACTOR. EXHAUST COLLARS WILL BE PROVIDED BY CONTRACTOR. HOODS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA AND ALL OTHER APPLICABLE LOCAL, STATE AND NATIONAL CODES. SPECIAL ATTENTION MUST BE GIVEN TO CODES REGARDING CLEARANCE TO SURROUNDING COMBUSTIBLE AND LIMITED COMBUSTIBLE (NFPA96) CONSTRUCTION (WALLS, CEILINGS, ETC.).
 2. CONTRACTOR IS RESPONSIBLE FOR DRILLING RETAINING BOLT HOLES INTO WALL MOUNTING FLANGES AT TOP AND BOTTOM OF HOOD AND PROVIDING THE HARDWARE.
 3. CEILING ENCLOSURE FURNISHED BY HOOD MANUFACTURER WILL BE ATTACHED IN THE FIELD BY CONTRACTOR.
 4. DUCTWORK BETWEEN HOOD AND ROOF TOP CURB TRANSITION WILL BE PROVIDED BY CONTRACTOR.

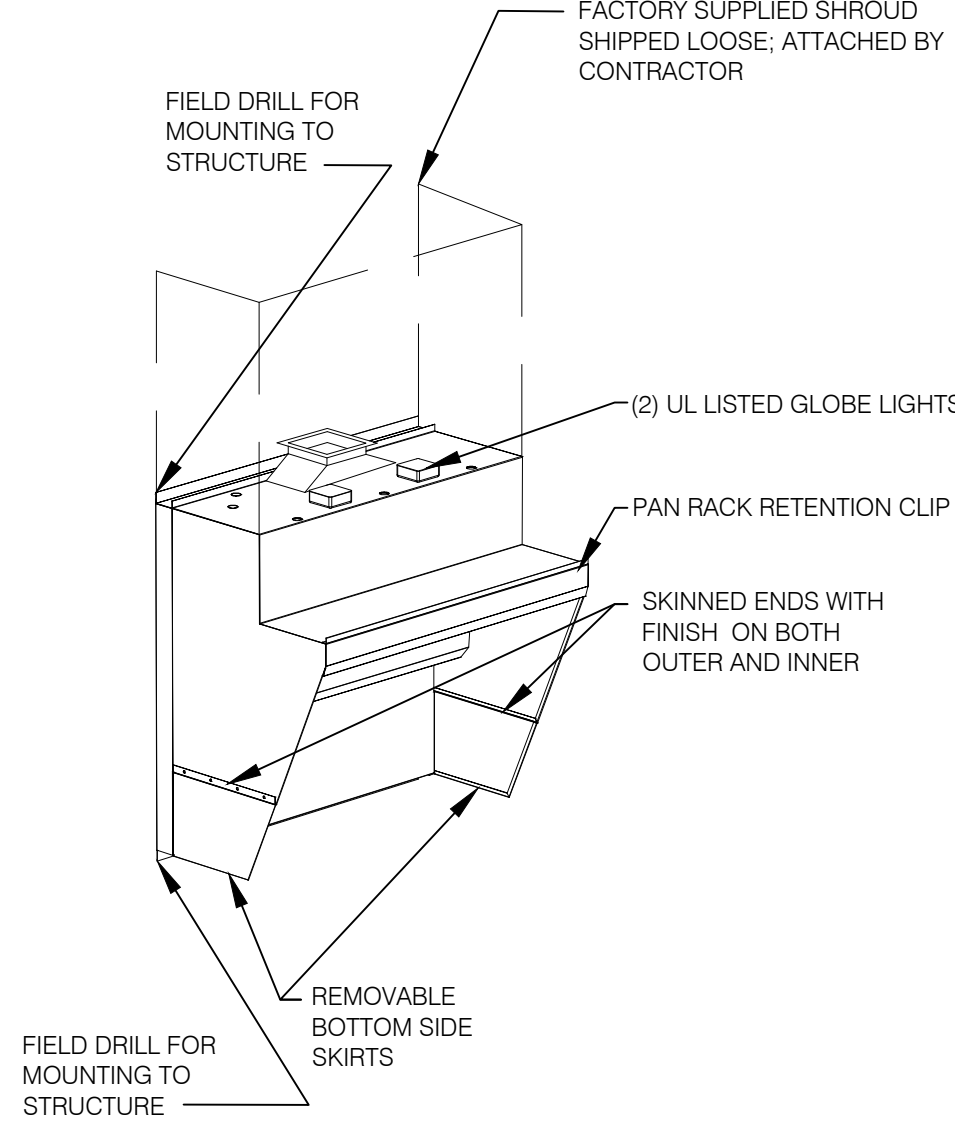
AIR FLOW REQUIREMENTS
 1. CAPTIVE AIRE IS NOT LIABLE FOR IMPROPER FUNCTION OF THE SYSTEM CAUSED BY CHANGES IN THE SYSTEM STATIC PRESSURE OR OVER ALL AIR FLOW VOLUME FROM THE ORIGINAL SPECIFIED DESIGN POINTS. EXHAUST DUCT AIR FLOW VELOCITY MUST BE BETWEEN 1500 AND 2200 FPM WITH WELDED DUCT.
 2. EXHAUST AIR FLOW MUST BE BALANCED WITH OTHER EXHAUST & MAKE-UP AIR SYSTEMS AND THE STORE HVAC SYSTEMS UPON INSTALLATION. TEST & BALANCE IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR. FAN OPERATING SPEED, BELTS AND PULLEYS SHOULD BE RECHECKED AFTER 60 DAYS TO ENSURE PROPER PERFORMANCE. STATIC PRESSURE VALUES ARE GIVEN FOR THE HOOD ONLY AND DO NOT INCLUDE DUCTWORK AND ROOFTOP FANS.
 3. AIR FLOWS ARE NOTED IN MECHANICAL SCHEDULE.
 4. CAPTIVE AIRE RESERVES THE RIGHT TO CHANGE SPECIFICATIONS TO MEET CODE OR JOB REQUIREMENTS.

CONSTRUCTION
 1. HOOD SHALL BE FABRICATED IN ACCORDANCE WITH NFPA BULLETIN #96 AND SHALL BEAR THE NSF SEAL OF APPROVAL. HOODS SHALL BE LISTED UNDER UL 710 EXHAUST HOODS FOR COMMERCIAL COOKING EQUIPMENT UL FILE # MH18450.

FIRE EXTINGUISHING SYSTEM
 1. FIRE EXTINGUISHING SYSTEM PIPING SUPPLIED AND INSTALLED IN ACCORDANCE WITH NFPA 96 BY FIRE SUPPRESSION INSTALLER.
 2. CAUTION: FIRE EXTINGUISHING SYSTEM INSTALLED ON SITE MUST BE DONE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS TO INSURE THAT PIPE DOES NOT INTERFERE WITH HOOD PERFORMANCE. IMPROPER INSTALLATION MAY VOID UL LISTING.

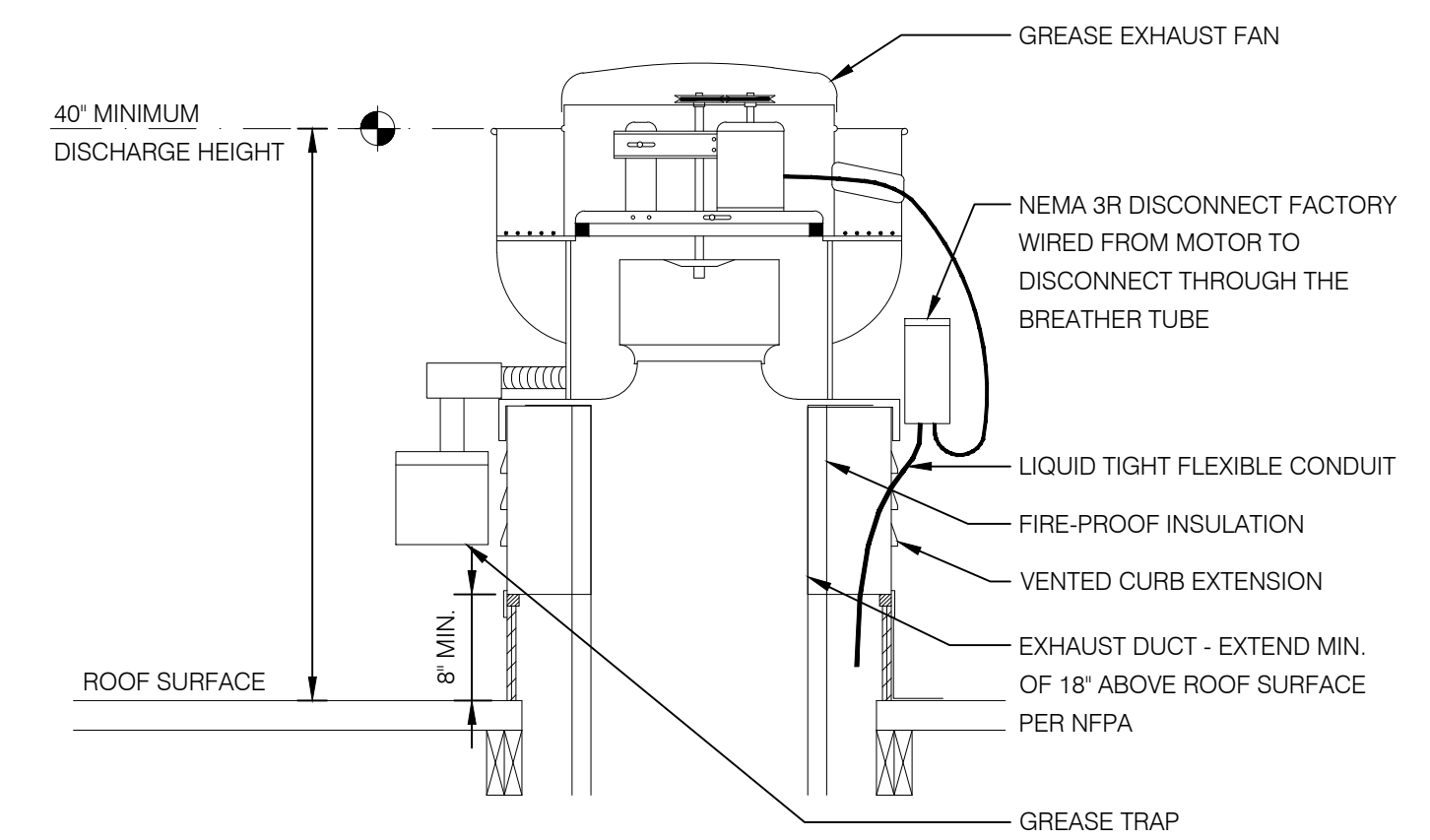
WIRING NOTES
 1. FAN CONTROLS (E.G. ON/OFF SWITCH), THERMAL OVERLOAD PROTECTION AND WIRING FOR FAN TO BE FURNISHED BY OTHERS.
 2. ANSUL, FAN AND FRYER INTERLOCK SHALL BE WIRED BY OTHERS ACCORDING TO SCHEMATIC FURNISHED WITH BY HOOD MANUFACTURER.

GENERAL INSTALLATION GUIDELINES:
 1. MEASURE AND MARK THE DESIRED HEIGHT AND CENTERLINE OF THE HOOD ON THE WALL. (REFER TO THE ARCHITECT'S PLAN FOR THE DIMENSION) THE HEIGHT OF THE PLATE SHELF ABOVE THE FIXED FLOOR IS A CRITICAL DIMENSION.
 2. SECURE THE WALL MOUNTING FLANGES AT TOP AND BOTTOM OF HOOD TO A MINIMUM OF TWO (2) OR MORE WALL STUDS.
 3. ALL MOUNTING AND/OR BRACING SHALL COMPLY WITH SEISMIC ZONE 3 REQUIREMENTS.



GENERAL INSTALLATION GUIDELINES- CONTINUED

- FIELD MEASURE AND LAYOUT DUCTWORK AS CLOSE AS POSSIBLE TO THE ARCHITECTURAL DRAWING. DUCTWORK SHOULD NOT EXCEED TWO (2) RADIUS-90 DEGREE TURNS AND TEN (10) FEET IN LENGTH. CONSULT FACTORY (214)821-4129 FOR DUCTWORK THAT EXCEEDS DESIGN LIMITS. FAN PACKAGE MUST BE MODIFIED FOR SITE ADAPTATION.
- POSITION THE FABRICATED DUCTWORK TO MATCH THE OUTLET LOCATION ABOVE THE HOOD. THE DUCT MUST BE SIZED AS INDICATED ON PLAN.
- A CONTINUOUS LIQUID TIGHT WELD TO THE COLLAR TRANSITION AND DUCTWORK WILL MEET ANY AND ALL CODE REQUIREMENTS.
- CONNECT THE DUCTWORK TO THE CURB TRANSITION TERMINATING AT THE TOP OF THE VENTED CURB EXTENSION BELOW THE FAN BASE. DO NOT TERMINATE THE DUCTWORK AT THE ROOF-LINE. DUCTWORK MUST BE WELDED WITH A CONTINUOUS LIQUID TIGHT WELD AT EXHAUST FAN CURB TRANSITION.
- ATTACH FACTORY SUPPLIED HINGE KIT AND GREASE TROUGH TO FAN CURB PER NFPA96-2004.
- ENCLOSE DUCT AS REQUIRED BY LOCAL, STATE AND NATIONAL FIRE PROTECTION AND MECHANICAL CODES OBSERVING IN PARTICULAR THE CLEARANCE TO COMBUSTIBLE PROVISIONS.
- PROVIDE, CONNECT, AND TEST THE HOODS FIRE SUPPRESSION SYSTEM. ONLY PROFESSIONALLY QUALIFIED PERSONS SHOULD PERFORM THESE FUNCTIONS.
- CHECK TO ENSURE PROPER PLACEMENT OF THE GREASE FILTERS AND GREASE CUP.
- REMOVE THE PROTECTIVE PVC COATING FROM ALL OF THE METAL SURFACES PRIOR TO USE OF THE APPLIANCES.
- RUN CHECK THE EXHAUST FAN AND FRYER INTERLOCK.
- CERTIFIED TEST & BALANCE CONTRACTOR MUST TAKE FPM READINGS ACROSS THE FILTER BANK AND CONFIRM THAT EXHAUST FAN IS OPERATING AT OR ABOVE THE EXHAUST CFM DESIGN POINT. ANY AIR FLOW LEVEL BELOW DESIGN POINT IS NOT ACCEPTABLE. DO NOT ACCEPT MOTOR RPM READINGS AS A SUBSTITUTE FOR FILTER AIRFLOW LEVELS.
- CALL FOR FUNCTIONAL INSPECTIONS AS REQUIRED.
- APPLY FABRICATED TRIM (CONTRACTOR SUPPLIED) TO THE CEILING AND WALL AS REQUIRED. FACTORY SUPPLIED SHROUD (ENCLOSURE PANELS) FROM TOP OF HOOD TO CEILING SHOULD BE SCREWED TO ANGLE AT TOP EDGE OF HOOD WITH SELF-TAPPING SS SCREWS.
- CLEAN THE SURFACES OF THE HOOD WITH A MILD DETERGENT USING CARE NOT TO SCRATCH OR DENT THE SURFACE.
- CONTRACTOR RESPONSIBLE FOR REDIRECTING AIRFLOW FROM HVAC DIFFUSERS WITHIN 6- FEET OF FRYER HOOD AWAY FROM HOOD AND COVER DISCHARGE WITH PERFORATED PANEL.
- CONTRACTOR RESPONSIBLE FOR REDIRECTING HVAC RETURNS WITHIN 10 FEET OF FRYER HOOD AWAY FROM HOOD.
- CONTRACTOR RESPONSIBLE FOR STORE TEST & BALANCE OF HVAC AND ALL KITCHEN EXHAUST AND SUPPLY FANS ACCORDING TO THE MECHANICAL AIR FLOW BALANCE SCHEDULE.

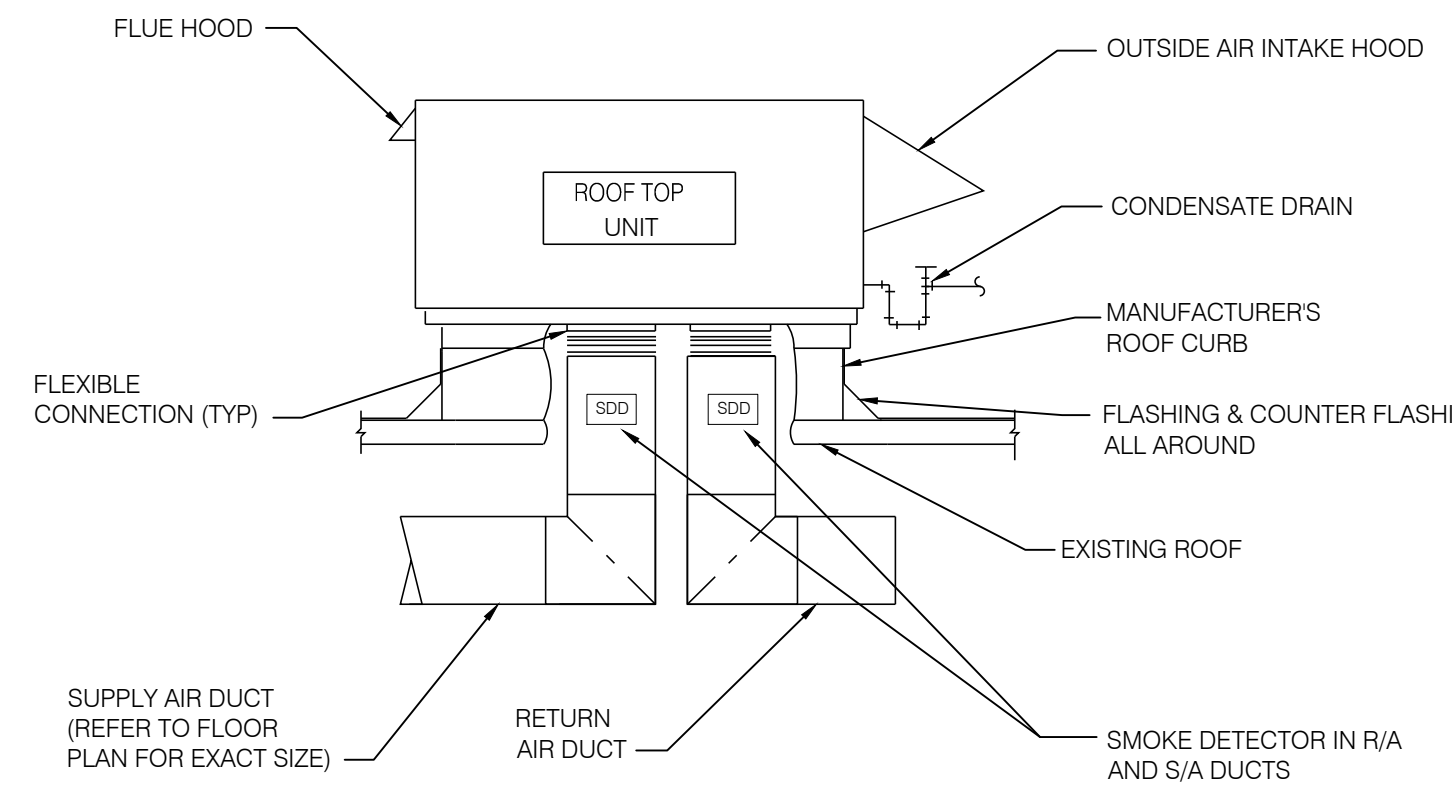


EXHAUST FAN	N.T.S.	9
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NOT USED	N.T.S.	12
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HOOD NOTES

N.T.S.	10
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ROOFTOP UNIT	N.T.S.	13
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NOT USED	N.T.S.	8
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NOT USED	N.T.S.	7
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NOT USED	N.T.S.	3
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NOT USED	N.T.S.	2
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IMPORTANT NOTE:
 ALL SUPPORTS &/OR BRACING OF EQUIPMENT, CEILING GRID, LIGHT FIXTURES, & ANY OTHER INSTALLED DEVICES SHALL BE COMPLIANT WITH LOCAL SEISMIC ZONE REQUIREMENTS.
NO EXCEPTIONS!

NOTES	N.T.S.	1
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DATE: 02/17/25
 JOB NO: 2597
 DRAWN: GG,TF,TW
 CHECKED: AR,CF
 ACG #: 2420408

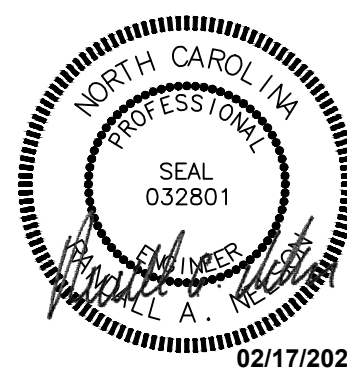
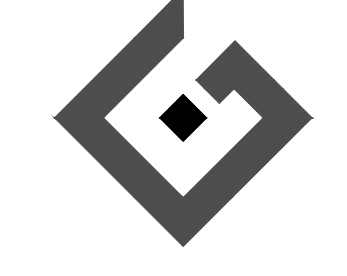
H.V.A.C. DETAILS



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PIZZA HUT #2597
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 North Carolina Registered Engineering Firm #PI1514



SHEET NUMBER
M5

HVAC - GENERAL NOTES:

1. THIS CONTRACTOR SHALL FURNISH ALL LABOR, SUPERVISION, MATERIALS, EQUIPMENT, TOOLS, ETC. REQUIRED FOR A COMPLETE SYSTEM OF HEATING, VENTILATING AND AIR CONDITIONING AS DESIGNATED ON THE DRAWINGS, INCLUDING ALL NECESSARY PARTS, ACCESSORIES, ETC. REQUIRED BY STATE OR LOCAL CODES OR TO SATISFACTORILY COMPLETE THE INSTALLATION.
2. UNLESS NOTED OTHERWISE ON THE DRAWINGS, ALL WORK SHOWN ON THE H.V.A.C. DRAWINGS SHALL BE FURNISHED AND INSTALLED BY THIS CONTRACTOR.
3. ALL WORK SHALL BE PURCHASED AND INSTALLED PER ALL APPLICABLE INDUSTRY STANDARDS, & ALL APPLICABLE LOCAL, STATE, & NATIONAL CODES.
4. DUCTWORK SHALL BE GALVANIZED STEEL AND CONSTRUCTED PER APPLICABLE SMACNA STANDARDS. KITCHEN HOOD AND EXHAUST DUCTWORK SHALL BE CARBON STEEL (0.054 INCH MIN. IN THICKNESS). FABRICATED AND INSTALLED IN ACCORDANCE WITH NFPA 96, SEC AND J.M.C. DUCTWORK SIZES SHOWN ON DRAWINGS ARE INTERIOR DIMENSIONS.
5. DUCTWORK LOCATED INSIDE OF BUILDING, EXCEPT HOOD EXHAUST DUCT, SHALL BE INTERNALLY INSULATED. INSULATE ALL RECTANGULAR OUTSIDE AIR, SUPPLY AIR, AND RETURN AIR DUCTWORK WITH 1 5/8" THICK, 2#/SQ. FT. DENSITY DUCT LINER EQUAL TO FIBERGLAS. ALL TRAVERSE DUCT JOINTS SHALL BE SEALED WITH MASTIC OR MASTIC PLUS TAPE. ROUND DUCT SHALL BE EXTERNALLY INSULATED WITH 2" THICK, 3#/SQ. FT. DENSITY DUCT WRAP EQUAL TO FIBERGLAS TYPE FRK. HOOD EXHAUST DUCT SHALL BE EXTERNALLY WRAPPED WITH FIREMASTER INSULATION (NOT OTHERWISE PROVIDED) AS REQUIRED, IN ORDER TO MEET ALL APPLICABLE CODES.
6. THIS CONTRACTOR SHALL FURNISH AND INSTALL ALL STARTERS, DISCONNECTS, AND ALL CONTROL DEVICES (NOT OTHERWISE PROVIDED) FOR ALL H.V.A.C. EQUIPMENT. ELECTRICAL CONTRACTOR WILL FURNISH & INSTALL ALL POWER WIRING. THIS CONTRACTOR SHALL FURNISH & INSTALL ALL CONTROL WIRING. ALL WIRING SHALL BE INSTALLED IN CONDUIT.
7. GENERAL CONTRACTOR WILL PROVIDE ALL REQUIRED OPENINGS IN FLOORS AND EXTERIOR WALLS FOR INSTALLATION OF H.V.A.C. EQUIPMENT, PIPING AND/OR DUCTWORK.
8. IF NOT NOTED ON PLANS OTHERWISE, CONDENSATE DRAIN PIPE SHALL BE SCH. 40 P.V.C. INSULATED WITH 1/2" ARMAFLEX, OR EQUAL, INSULATION. MIN. SIZE SHALL BE 3/4".
9. UNOCCUPIED AMBIENT NOISE LEVEL FOR H.V.A.C. SYSTEM SHALL BE NO MORE THAN 25 dB AS MEASURED ON AN 'A' WEIGHTED SCALE.
10. IF NOT PROVIDED WITH EQUIPMENT, PROVIDE THERMOSTAT - "HONEYWELL" VISION PRO-COMMERCIAL, WITH REMOTE SENSOR. FOR UNITS WITH ECONOMIZER - "HONEYWELL" - TH8520R1003 - VISIONPRO 8000 REDLINK MULTISTAGE THERMOSTAT WITH REMOTE SENSOR.
11. COMPLY WITH LOCAL SEISMIC BRACING REQUIREMENTS FOR ALL HVAC EQUIPMENT. ALL SEISMIC BRACING DEVICES SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW. THE SHOP DRAWINGS SHALL BEAR THE SEAL OF A LICENSED PROFESSIONAL ENGINEER WITH MIN. FIVE YEARS EXPERIENCE IN THE DESIGN OF SEISMIC BRACING SYSTEMS. ALL SEISMIC RESTRAINTS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES.
12. INSTALL H.V.A.C. EQUIPMENT AS NOTED ON THE DRAWINGS. PROVIDE ACCESS TO EQUIPMENT PER CODE REQUIREMENTS.
13. AIR DISTRIBUTION SHALL BE TITUS, OR OTHER APPROVED EQUAL. PROVIDE OPPOSED BLADE DAMPERS WHERE INDICATED. ALL ALUMINUM CONSTRUCTION.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK FITTING INTO PLACE IN A SATISFACTORY AND NEAT WORKMANLIKE MANNER IN EVERY PARTICULAR TO THE APPROVAL OF THE ENGINEER. PAINT EXPOSED DUCTWORK PER ARCHITECT.
15. CONTRACTOR SHALL CONFER WITH ALL OTHER CONTRACTORS REGARDING THE LOCATION AND SIZE OF PIPES, EQUIPMENT, FIXTURES, CONDUIT, DUCTS, OPENINGS, SWITCHES, OUTLETS, ETC., IN ORDER THAT THERE MAY BE NO INTERFERENCE BETWEEN THE INSTALLATION OR THE PROGRESS OF THE WORK OF ANY CONTRACTOR ON THE PROJECT.
16. THE OWNER MAY CHANGE THE LOCATION OF ANY EQUIPMENT FIVE FEET AND ANY PIPING, DUCTWORK, CONDUIT, ETC., TEN FEET IN ANY DIRECTION WITHOUT EXTRA CHARGE, PROVIDED SUCH CHANGES ARE MADE PRIOR TO INSTALLATION OF MECHANICAL EQUIPMENT.
17. ALL REFERENCES TO CONTRACTORS IN SPECIFICATIONS AND DRAWINGS SHALL REFER TO THE RESPECTIVE TRADE CONTRACTOR PERFORMING THAT PORTION OF THE WORK.
18. SHOULD THERE BE ANY DISCREPANCIES OR A QUESTION OF INTENT, REFER THE MATTER TO THE ENGINEER FOR A DECISION BEFORE ORDERING ANY EQUIPMENT OR MATERIALS, OR BEFORE STARTING ANY RELATED WORK.
19. WHERE WORK CONNECTS TO THAT OF ANOTHER TRADE OR TO PIPING OR EQUIPMENT IN PLACE, FIELD MEASUREMENTS SHALL BE MADE TO MAKE CONNECTING WORK COME TRUE AND LINE UP WITH THE ITEM BEING CONNECTED.
20. MINOR ITEMS AND ACCESSORIES OR DEVICES REASONABLY INFERRED AS NECESSARY TO THE COMPLETE AND PROPER INSTALLATION AND OPERATION OF ANY SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR FOR SUCH SYSTEM, WHETHER OR NOT THEY ARE SPECIFICALLY CALLED FOR BY THE SPECIFICATIONS OR DRAWINGS.
21. CAREFULLY CHECK AND COORDINATE THE LOCATION AND LEVEL OF ALL PIPES, DUCTS, ETC. RUN PRELIMINARY LEVELS AND CHECK WITH ALL OTHER CONTRACTORS SO THAT CONFLICTS IN ALL LOCATIONS MAY BE AVOIDED.
22. ALL MATERIALS SHALL BE NEW AND OF THE QUALITY SPECIFIED. APPARATUS AND MATERIALS USED IN THIS WORK WHICH ARE SUBJECT TO APPROVAL BY UNDERWRITERS (UL) SHALL BEAR THE UNDERWRITERS LABEL OF APPROVAL.
23. MANUFACTURER'S TRADE NAMES OR CATALOG NUMBERS USED IN THESE SPECIFICATIONS AND INDICATED ON THE DRAWINGS ARE NOT TO BE CONSIDERED AS PROPRIETARY. THEIR PURPOSE IS TO DENOTE TYPE, SIZE, QUALITY, AND DESIGN OF EQUIPMENT.
24. WHERE EQUIPMENT IS SPECIFIED AS "OR EQUAL", IT SHALL MEAN EQUAL AS APPROVED BY THE ENGINEER.
25. THE CONTRACTOR IS FREE TO OFFER FOR CONSIDERATION SUBSTITUTE ITEMS OF EQUIVALENT TYPE, SIZE, QUALITY, AND PERFORMANCE AFTER THE CONTRACT IS SIGNED; HOWEVER, HE SHALL BE PREPARED TO FURNISH SPECIFIED MATERIALS AND EQUIPMENT WHERE SUBSTITUTIONS ARE REJECTED ON HIS ORIGINAL SUBMITTAL.
26. SHOULD ANY PART OF THE PLANS OR SPECIFICATIONS BE FOUND TO BE IN CONFLICT WITH APPLICABLE CODES OR ORDINANCES, THIS CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO SUBMITTING HIS BID.
27. THIS CONTRACTOR SHALL MAKE APPLICATION TO THE LOCAL BUILDING CODE ENFORCEMENT OFFICIALS TO OBTAIN ALL INSPECTION PERMITS REQUIRED, AND SHALL PAY ALL NECESSARY FEES FOR SAME. HE SHALL, AT THE CONCLUSION OF THE INSTALLATION, SECURE A CERTIFICATE OF INSPECTION, PROPERLY SIGNED BY THE CONTROLLING BUILDING CODE ENFORCEMENT DEPARTMENT, WHICH SHALL STATE THAT ALL RULES HAVE BEEN COMPLIED WITH AND THAT THE WORK IS SATISFACTORY. AT PROJECT COMPLETION, THIS CONTRACTOR SHALL SUBMIT CERTIFICATE OF INSPECTION FOR DELIVERY TO THE OWNER.
28. THE DRAWINGS FOR THE WORK UNDER THIS DIVISION OF THE SPECIFICATIONS ARE INTENDED AS DESIGN ONLY, AND THEY INDICATE THE REQUIRED GENERAL SCOPE OF THE WORK. THEY ARE NOT SHOP DRAWINGS, AND SHOULD NOT BE USED AS SUCH.

29. THE DRAWINGS ARE GENERALY DIAGRAMMATIC AND, EXCEPT WHERE DIMENSIONS ARE SHOWN, ARE NOT INTENDED TO SHOW THE EXACT LOCATION OF PIPES, DUCTWORK, OUTLETS, FIXTURES, OR EQUIPMENT.
30. ANY OFFSETS IN DUCTWORK OR PIPING OR CHANGES IN LOCATION OF EQUIPMENT REQUIRED OR NECESSARY TO AVOID INTERFERENCE WITH STRUCTURE OR WITH THE WORK OF OTHER TRADES SHALL BE MADE BY THIS CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
31. REFER TO BUILDING AND STRUCTURAL DRAWINGS FOR ALL DIMENSIONS OF BUILDING SPACES.
32. MATERIALS AND EQUIPMENT SHALL BE PROVIDED BY FIRMS REGULARLY ENGAGED IN IN THE MANUFACTURE OF MECHANICAL EQUIPMENT OF TYPES AND SIZES SPECIFIED HEREIN WHOSE PRODUCTS HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR NOT LESS THAN FIVE YEARS.
33. UNLESS SPECIFICALLY INDICATED OTHERWISE IN THESE SPECIFICATIONS OR ON THE DRAWINGS, ALL EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE BEST RECOMMENDATIONS OF THE MANUFACTURER OF THE EQUIPMENT. AUXILIARY PIPING, ELECTRIC CONNECTIONS, ETC., RECOMMENDED BY THE MANUFACTURER OR REQUIRED FOR PROPER OPERATION SHALL BE FURNISHED AND INSTALLED COMPLETE. A COPY OF THE MANUFACTURER'S INSTALLATION RECOMMENDATIONS SHALL BE KEPT IN THE JOB SUPERINTENDENTS OFFICE AND SHALL BE AVAILABLE TO THE ENGINEERS REPRESENTATIVE AT ALL TIMES.
34. OPERATING MAINTENANCE AND SERVICE MANUALS: BEFORE COMPLETING WORK AND BEFORE REQUESTING FINAL PAYMENT, THIS CONTRACTOR SHALL COMPILE AND DELIVER FOUR INDEXED, HARD COVER, THREE-RING BINDERS CONTAINING:
 - I. NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF THIS CONTRACTOR AND ALL EQUIPMENT SUPPLIERS, SYSTEMS INSTALLATION SUBCONTRACTORS, AND SERVICE COMPANIES.
 - II. MECHANICAL INSTALLATION DRAWINGS (AS-BUILT) WITH ITEMS IDENTIFIED BY NAME/MARK/NUMBER.
 - III. MANUFACTURERS DESCRIPTIVE LITERATURE, FINAL APPROVED SHOP DRAWINGS, PERFORMANCE DATA, CURVES, RATINGS, DIAGRAMS, SPARE PARTS AND REPLACEMENT PARTS LISTS, INSTALLATION AND OPERATING INSTRUCTIONS, MAINTENANCE AND SERVICE MANUALS FOR:
 - A. EACH ITEM OF EQUIPMENT
 - B. VALVES AND SPECIALTIES
 - C. CONTROLS
 - D. SPECIAL ITEMS
 - IV. WHERE DIAGRAMS ARE TOO LARGE FOR THE BINDER, ARRANGE MANILA POCKETS WITH REINFORCED HOLES TO HOLD FOLDED DRAWINGS.
 - V. STEP-BY-STEP PROCEDURES FOR STARTING AND STOPPING THE SYSTEMS, NORMAL OPERATION AND MAINTENANCE INSTRUCTIONS.
35. THIS CONTRACTOR SHALL DESIGNATE AND MAINTAIN A COMPLETE UP-TO-DATE SET OF CONTRACT DRAWINGS, PRINTS, AND SPECIFICATIONS FOR RECORDING CHANGES MADE TO THE DRAWINGS AND SPECIFICATIONS DURING THE CONSTRUCTION PHASE OF THIS PROJECT. THESE DRAWINGS SHALL BE AVAILABLE AT THE JOB SITE FOR REVIEW BY THE ENGINEER, ARCHITECT, AND THE OWNER. DRAWINGS SHALL BE MAINTAINED IN A NEAT CONDITION AND SHALL CLEARLY SHOW ANY CHANGES FROM ORIGINAL CONTRACT DRAWINGS AND SPECIFICATIONS.
36. THIS CONTRACTOR SHALL PREPARE, UPON COMPLETION OF THE PROJECT, FINAL RECORD DRAWINGS ON REPRODUCIBLE DRAFTING MEDIA TO THE SAME SCALE AS THE CONTRACT DRAWINGS SHOWING THE CHANGES MADE TO THE DRAWINGS DURING THE CONSTRUCTION PHASE OF THIS PROJECT, AND THE DRAWINGS SHALL SHOW EXACT INSTALLED LOCATIONS AND SIZES OF ALL PIPING, DUCTWORK AND EQUIPMENT INSTALLED BY THIS CONTRACTOR. ALL UNDERGROUND WORK SHALL BE DIMENSIONED FROM A REFERENCE SUCH AS A WALL OR COLUMN CENTER LINE. MARKED UP PRINTS OF CONTRACT DRAWINGS WILL NOT BE ACCEPTED AS FINAL RECORD DRAWINGS.
37. IT IS TO BE CLEARLY UNDERSTOOD THAT THE SYSTEMS INCLUDED UNDER THIS DIVISION OF THE SPECIFICATIONS WILL NOT BE ACCEPTED UNTIL ALL ACCEPTANCE TESTS HAVE BEEN MADE, FINAL TESTING AND BALANCING WORK IS COMPLETE, AND THE INSTALLATION IS OPERATING PROPERLY.
38. AFTER COMPLETION OF ALL WORK AND TESTS AND AT SUCH TIME AS DESIGNATED BY THE ENGINEER, THIS CONTRACTOR SHALL PROVIDE NECESSARY SKILLED PERSONNEL TO OPERATE THE ENTIRE INSTALLATION FOR A PERIOD OF ONE DAY OF EIGHT (8) HOURS. DURING THIS TIME, THIS CONTRACTOR SHALL FULLY INSTRUCT THE OWNERS REPRESENTATIVES IN THE COMPLETE OPERATION, ADJUSTMENT, AND MAINTENANCE OF THE EQUIPMENT AND SYSTEMS.
39. THIS CONTRACTOR SHALL GUARANTEE ALL WORK DONE BY HIM AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER DATE OF ACCEPTANCE BY THE OWNER. THIS GUARANTEE SHALL BE PRESENTED TO THE OWNER IN WRITING AND ANY AND ALL DEFECTS DEVELOPING WITHIN THIS STATED PERIOD SHALL BE REMEDIED TO THE FULL SATISFACTION OF THE OWNER BY THIS CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
40. THE ONE-YEAR GUARANTEE FOR ITEMS OF EQUIPMENT THAT THE OWNER ELECTS TO BEGIN USING FOR HIS BENEFIT BEFORE THE COMPLETION OF THE ENTIRE PROJECT SHALL BEGIN AT THE DATE OF "BENEFICIAL USE" BY THE OWNER. THIS DATE OF "BENEFICIAL USE" SHALL BE ESTABLISHED JOINTLY BY THE ENGINEER, ARCHITECT, THIS CONTRACTOR, AND THE OWNER. THIS CONTRACTOR SHALL PREPARE A LETTER STATING THAT THE OWNER HAS REQUESTED "BENEFICIAL USE". THIS LETTER SHALL BE SIGNED BY THE OWNER, THIS CONTRACTOR, AND THE ARCHITECT.
41. THE OWNER, IN ORDER TO MAINTAIN THE INDOOR AIR QUALITY FOR THIS FACILITY IN COMPLIANCE WITH BUILDING CODES, SHOULD PROVIDE A CONTINUING MAINTENANCE PROGRAM FOR THE HEATING, VENTILATING AND AIR CONDITIONING (H.V.A.C.) SYSTEMS. THE H.V.A.C. SYSTEMS FOR THIS FACILITY WERE DESIGNED TO MEET OR EXCEED THE INDOOR AIR QUALITY REQUIREMENTS OF ASHRAE 62-1989.
42. SHOULD SPACE USAGE OR OCCUPANCY CHANGE IN THE FUTURE, IT IS THE OWNER'S RESPONSIBILITY TO MAINTAIN COMPLIANCE WITH APPLICABLE VENTILATION AND/OR INDOOR AIR QUALITY STANDARDS.
43. GAS PIPE SHALL BE SCHEDULE 40 BLACK STEEL. UNDERGROUND GAS PIPE SHALL BE COATED AND WRAPPED. PROVIDE CATHODIC PROTECTION AS REQUIRED. GAS PIPE IN CONCEALED SPACES, REGARDLESS OF PRESSURE SHALL BE WELDED. ALL PIPE EXPOSED TO PRESSURE ABOVE 1 PSI SHALL BE WELDED.
44. REFERENCE PROJECT SUMMARY ON SHEET T1 (TITLE SHEET) FOR ALL APPLICABLE CODES.
45. MOUNT SMOKE DETECTORS IN SUPPLY AIR AND RETURN AIR DUCTWORK TO SHUT DOWN FANS IN AIR CONDITIONING EQUIPMENT UNITS UPON DETECTION OF SMOKE. DETECTORS SHALL BE IONIZATION TYPE. DETECTOR IN RETURN AIR DUCT SHALL BE MOUNTED UPSTREAM FROM OUTSIDE CONNECTION. HVAC CONTRACTOR SHALL MOUNT THE SMOKE DETECTORS IN THE DUCTWORK. THE ELECTRIC CONTRACTOR SHALL WIRE THE DETECTORS AS REQUIRED.

46. REFRIGERANT PIPES SHALL BE TYPE K HARD DRAWN COPPER. INSULATE REFRIGERANT PIPE WITH 3/4" ARMAFLEX CLOSED CELL INSULATION ON THE SUCTION LINE AND 1/2" ARMAFLEX CLOSED CELL INSULATION ON THE LIQUID LINE.
47. THE DIVISION-15 DESIGN PROFESSIONAL'S CONTRACT SERVICES DOES NOT INCLUDE CONSTRUCTION PHASE SERVICE. THE ARCHITECTURAL DESIGN PROFESSIONAL AND/OR THE OWNER WILL PROVIDE THE CONSTRUCTION PHASE SERVICES. THE DIVISION-15 CONTRACTOR SHALL BE AWARE THAT THE ARCHITECTURAL DESIGN PROFESSIONAL AND/OR THE OWNER ARE SOLELY RESPONSIBLE FOR THE INTERPRETATIONS OF THE CONTRACT DOCUMENTS AND OBSERVATIONS OF THE WORK OF DIVISION-15 CONTRACTORS DURING THE CONSTRUCTION PHASE OF THIS PROJECT. ANY DEVIATION FROM THE CONTRACT DOCUMENTS BY DIVISION-15 CONTRACTORS MUST BE AUTHORIZED AND APPROVED BY THE ARCHITECTURAL DESIGN PROFESSIONAL AND/OR THE OWNER BEFORE THE DEVIATION CAN BE INCORPORATED INTO THIS PROJECT. DIVISION-15 CONTRACTORS SHALL BE HELD LIABLE FOR ALL DEVIATIONS FROM THE CONTRACT DOCUMENTS, RECORDED OR UNRECORDED, THAT HAVE NOT BEEN AUTHORIZED AND APPROVED BY THE ARCHITECTURAL DESIGN PROFESSIONAL AND/OR THE OWNER.
48. THE DRAWINGS ARE INTENDED AS DESIGN ONLY AND INDICATE THE GENERAL SCOPE OF THE DIVISION-15 WORK CONTEMPLATED AND DO NOT CONSTITUTE SHOP DRAWINGS AND SHOULD NOT BE USED AS SUCH. DIVISION-15 DRAWINGS ARE GENERALY DIAGRAMMATIC AND, EXCEPT WHERE DIMENSIONS ARE SHOWN, ARE NOT INTENDED TO SHOW THE EXACT LOCATION OF PIPES, DUCTWORK, OUTLETS, FIXTURES, OR EQUIPMENT. THE ARCHITECTURAL DESIGN PROFESSIONAL, THE OWNER AND THE DIVISION-15 CONTRACTOR(S) ACKNOWLEDGE AND UNDERSTAND THAT THE CONTRACT DOCUMENTS FOR DIVISION-15 WORK MAY CONTAIN ERRORS, OMISSIONS, INCONSISTENCIES, CONFLICTS, CODE VIOLATIONS AND IMPROPER USE OF MATERIALS. SUCH DEFICIENCIES WILL BE CORRECTED WHEN IDENTIFIED. THE DIVISION-15 CONTRACTOR(S) SHALL AGREE TO CAREFULLY STUDY THE CONTRACT DOCUMENTS AND REPORT AT ONCE IN WRITING TO THE DIVISION-15 DESIGN PROFESSIONAL ANY DEFICIENCIES THE CONTRACTOR(S) MAY DISCOVER. THE DIVISION-15 CONTRACTOR(S) FURTHER AGREES TO REQUIRE EACH SUBCONTRACTOR TO LIKEWISE STUDY THE DOCUMENTS AND REPORT AT ONCE ANY DEFICIENCIES DISCOVERED. THE DIVISION-15 CONTRACTOR(S) SHALL RESOLVE ALL REPORTED DEFICIENCIES WITH THE DIVISION-15 DESIGN PROFESSIONAL PRIOR TO AWARDDING ANY SUBCONTRACTS OR STARTING ANY WORK WITH THE CONTRACTORS OWN EMPLOYEES. IF DEFICIENCIES CANNOT BE RESOLVED BY THE DIVISION-15 DESIGN PROFESSIONAL AND THE CONTRACTOR(S) WITHOUT ADDITIONAL TIME OR ADDITIONAL EXPENSE, THE DIVISION-15 DESIGN PROFESSIONAL AND THE CONTRACTOR SHALL SO INFORM THE OWNER AND/OR THE ARCHITECTURAL DESIGN PROFESSIONAL IN WRITING. ANY WORK THAT IS PERFORMED RELATED TO THE DEFICIENCIES PRIOR TO RECEIPT OF INSTRUCTIONS FROM THE DIVISION-15 DESIGN PROFESSIONAL, THE OWNER OR ARCHITECTURAL DESIGN PROFESSIONAL WILL BE DONE AT THE CONTRACTORS RISK. REFER TO BUILDING AND STRUCTURAL DRAWINGS FOR DIMENSIONS OF BUILDING SPACES.
49. RESTROOM FACILITIES SHALL BE VENTILATED AS INDICATED ON THE DRAWINGS, & PER CODE.
50. COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND NATIONAL CODES IS SPECIFICALLY REQUIRED.
51. FRYER & PIZZA OVEN HOOD SUPPRESSION SYSTEM

MANUFACTURERS: ANSUL, KIDDE, OR APPROVED EQUAL.

FEATURES: WET CHEMICAL FIRE EXTINGUISHING SYSTEM INCLUDING DETECTORS, CONTROL HEADS, PRESSURE CYLINDERS, PULL STATIONS, MAIN GAS SHUT-OFF VALVE AND NOZZLES TO PROVIDE A COMPLETE AUTOMATIC FIRE EXTINGUISHING SYSTEM IN CONFORMANCE WITH N.F.P.A. 96 AND U.L. 300. CONCEAL ALL PIPING EXCEPT THAT WHICH HAS BEEN SPECIFICALLY APPROVED BY THE OWNERS INSPECTOR.

SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTAL OF EXTINGUISHING SYSTEM FOR APPROVAL BY LOCAL AUTHORITIES.

FIRE SUPPRESSION SYSTEM SHALL BE INSTALLED TO PROTECT THE EXHAUST DUCTS, OVEN HOOD, AND FRYER HOOD FOR THE DOUBLE GAS FRYER. INSTALL GAS SOLENOID SHUT-OFF VALVE IN GAS LINE SERVING THE APPLIANCE BEING SERVED BY THE FRYER HOOD. VALVE SHALL SHUT-OFF GAS AND ELECTRICAL TO THE APPLIANCE WHEN SUPPRESSION SYSTEM IS ACTIVATED.

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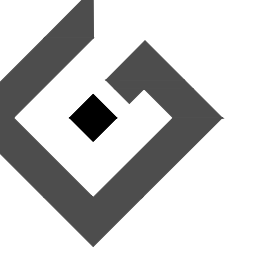
HVAC GENERAL NOTES



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NORTH CAROLINA
 PROFESSIONAL SEAL
 032801
 MICHAEL A. REYNOLDS
 02/17/2025

SHEET NUMBER
M6

REVISIONS:

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PHONE: (214) 220 - 3999
EMAIL: reg45@captiveaire.com

PATENT NUMBERS
AC-PSP (UNITED STATES) - US PATENT 7963830 B2.
AC-PSP WALL (CANADA) - CA PATENT 2820509.
AC-PSP ISLAND (CANADA) - CA PATENT 2520330.

HOOD INFORMATION - JOB#7214960

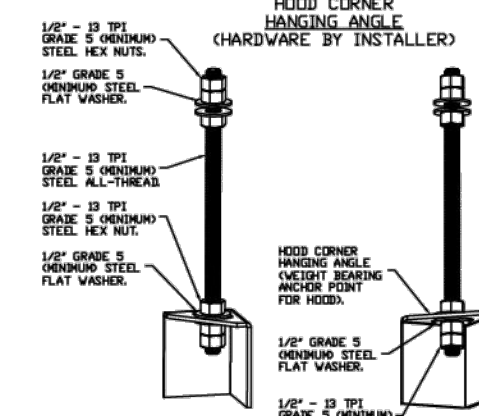
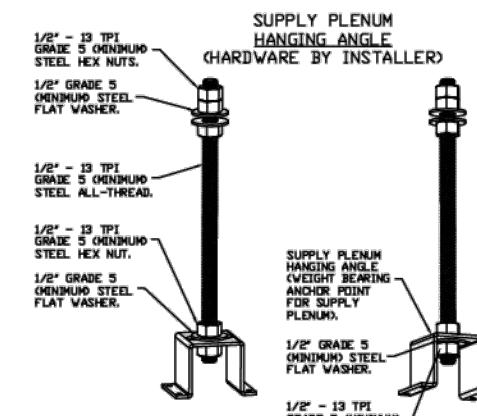
HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)				TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD END TO END	HOOD ROW			
										WIDTH	LENG	HEIGHT	DIA							
1		7230 ND-2-PSP-F	CAPTIVEAIRE	9' 0"	450 DEG	I	MEDIUM	111	1000			4'	12'	1000	1273	-0.296'	840	430 SS WHERE EXPOSED	ALONE	ALONE
2		3347 BD-2	CAPTIVEAIRE	4' 0"	450 DEG	I	MEDIUM	150	600			4'	8'	600	1719	-0.568'	0	430 SS WHERE EXPOSED	ALONE	ALONE

HOOD INFORMATION

HOOD NO	TAG	FILTER(S)				LIGHT(S)				UTILITY CABINET(S)				FIRE SYSTEM	HOOD HANGING WEIGHT		
		TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIRE GUARD	LOCATION	SIZE	TYPE	SIZE			MODEL #	QUANTITY
1		CAPTRATE SOLID FILTER	6	20"	16"	85% SEE FILTER SPEC	4	L55 SERIES E26	NO							NO	589 LBS
2		CAPTRATE SOLID FILTER	2	16"	20"	85% SEE FILTER SPEC	2	L55 SERIES E26	NO							NO	252 LBS

HOOD OPTIONS

HOOD NO	TAG	OPTION
1		BACKSPLASH 111.00" HIGH X 108.00" LONG 430 SS VERTICAL.
		BACKSPLASH 111.00" HIGH X 152.25" LONG 430 SS VERTICAL.
		BACKSPLASH 111.00" HIGH X 52.00" LONG 430 SS VERTICAL.
		BACKSPLASH 111.00" HIGH X 26.00" LONG 430 SS VERTICAL.
		BACKSPLASH 111.00" HIGH X 38.00" LONG 430 SS VERTICAL.
		BACKSPLASH - INSIDE CORNER 111.00" HIGH X 2.00" LEG LENGTH 430 SS VERTICAL.
		RIGHT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS.
		LEFT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS.
		FINISHED BACK- ISL/REV INSTALL 108.00" LONG, (FILTERS TO THE FRONT).
		RISER SENSOR INSTALL 6IN PLEN.
2		PIZZA HUT PSP FILLER PANELS(2).
		FIELD WRAPPER 26.00" HIGH FRONT, LEFT, RIGHT.
		BACKSPLASH 111.00" HIGH X 84.00" LONG 430 SS VERTICAL.
		BACKSPLASH 111.00" HIGH X 48.00" LONG 430 SS VERTICAL.
		RISER SENSOR INSTALL 6IN PLEN.
		RIGHT VERTICAL END PANEL 23" TOP WIDTH, 23" BOTTOM WIDTH, 61" HIGH INSULATED 430 SS.
		LEFT VERTICAL END PANEL 23" TOP WIDTH, 23" BOTTOM WIDTH, 61" HIGH INSULATED 430 SS.



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 OXIDIZING ALL-THREAD SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 OXIDIZING STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 OXIDIZING HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

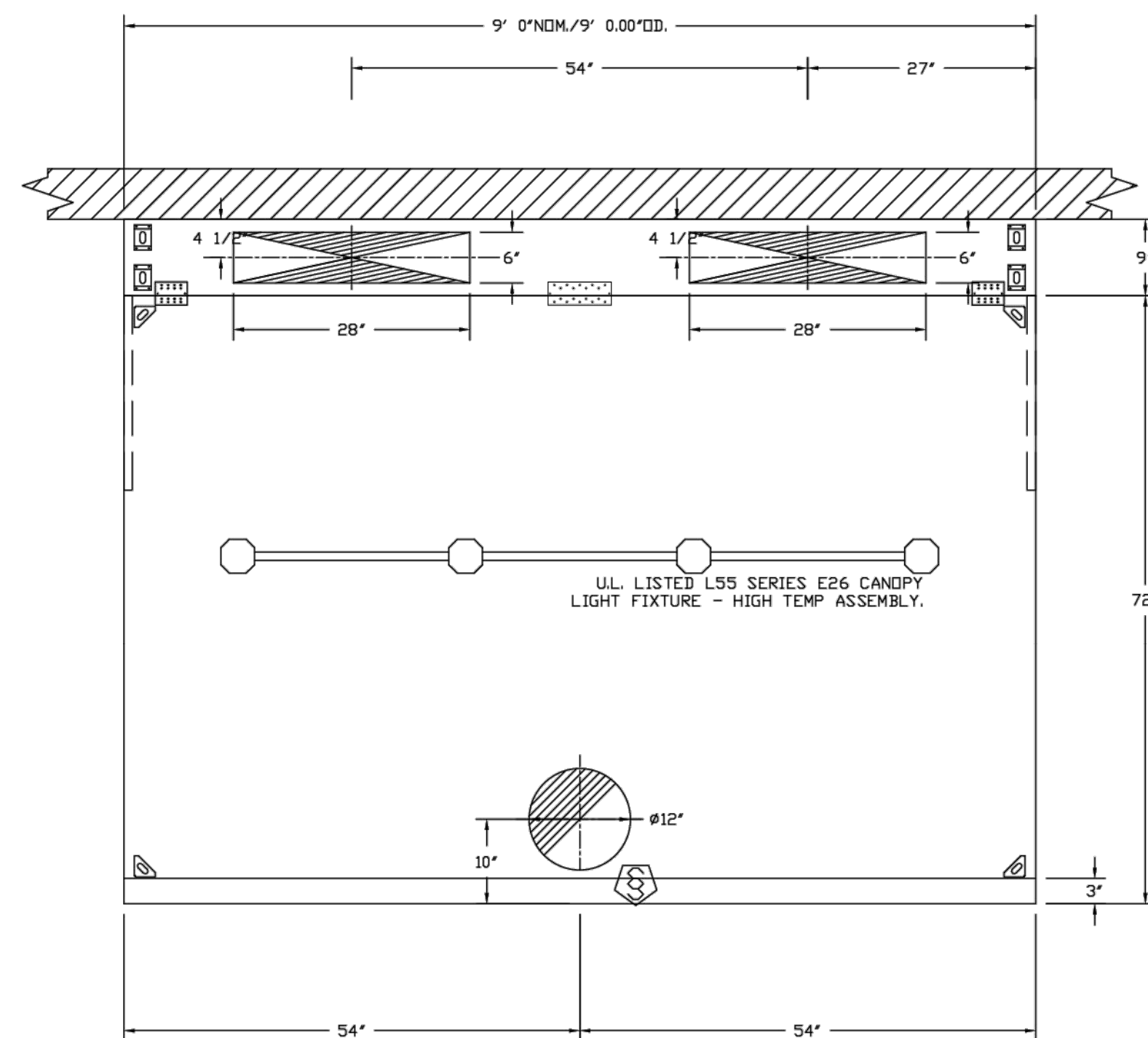
ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 OXIDIZING ALL-THREAD SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 OXIDIZING STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 OXIDIZING HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

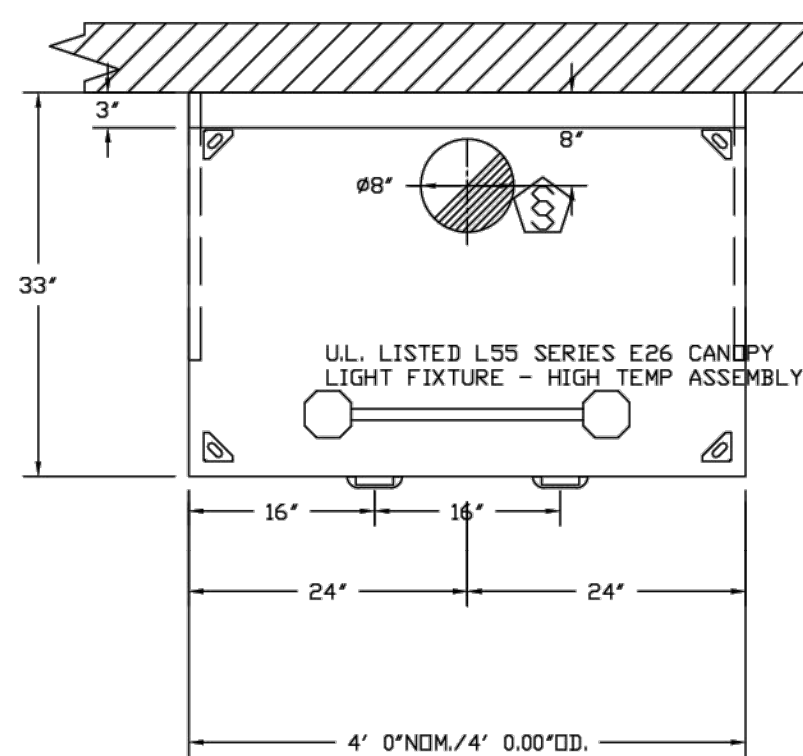
PERFORATED SUPPLY PLENUM(S)

HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)				
							WIDTH	LENG	DIA	CFM	
1		Front	108'	9'	12'	MUA	6"	28"		420	0.121"
							6"	28"		420	0.121"

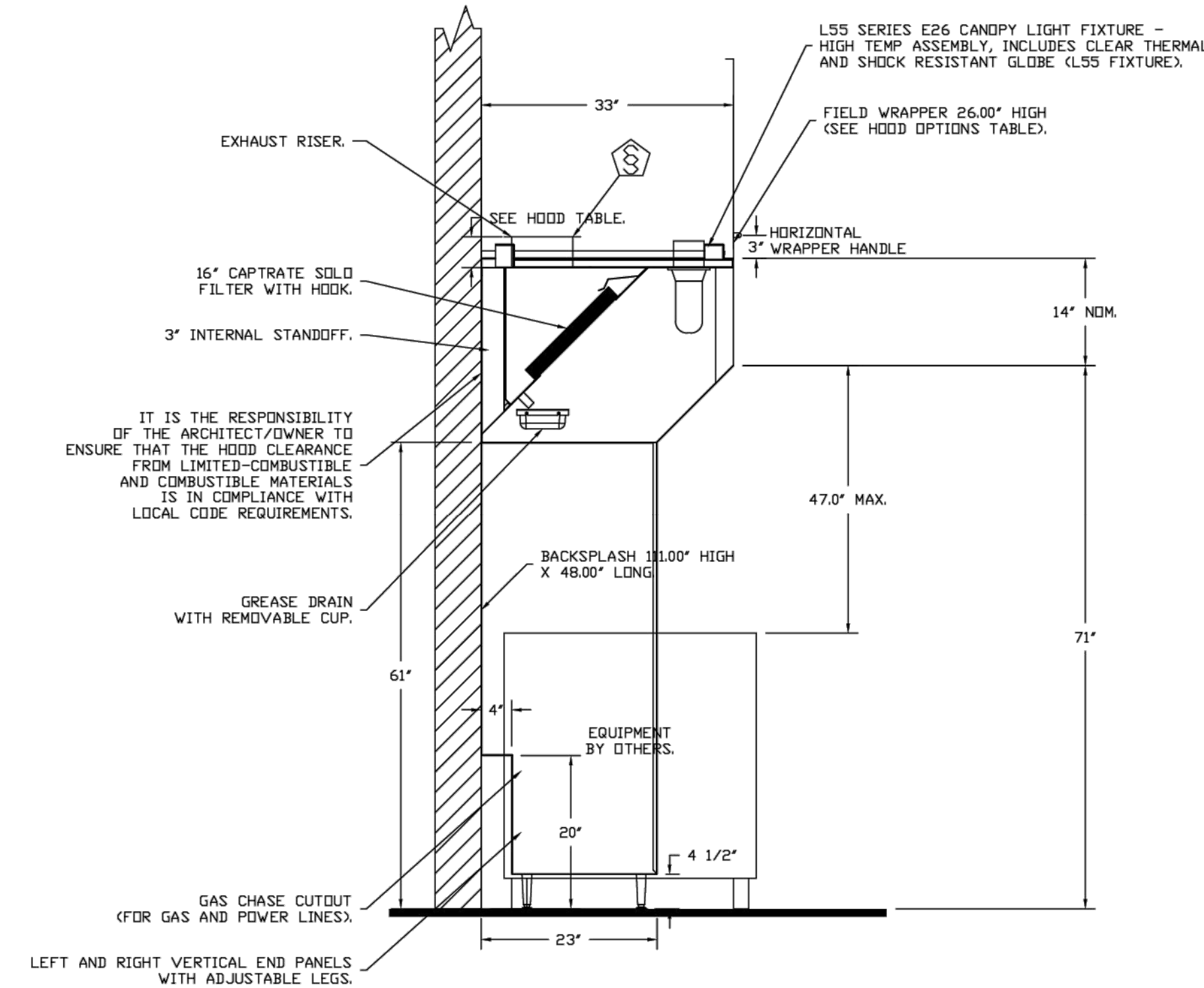
PLAN VIEW - HOOD #1
9' 0.00" LONG 7230ND-2-PSP-F



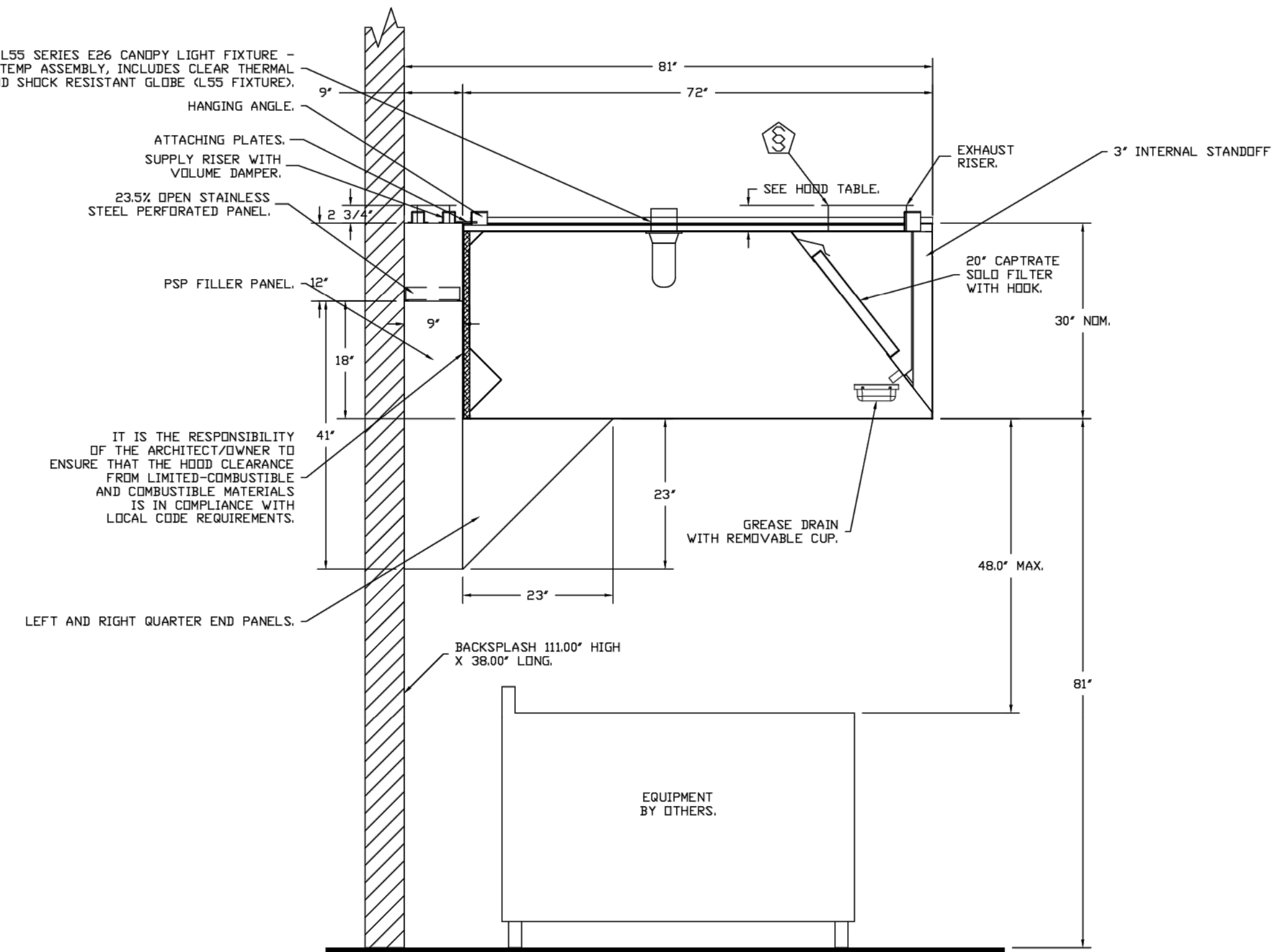
NOTE:
HOODS ARE NOT PREPARED FOR FIRE SUPPRESSION. IT IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO DESIGN, PERMIT, & PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM PER LOCAL CODE.



PLAN VIEW - HOOD #2
4' 0.00" LONG 3347BD-2



SECTION VIEW - MODEL 3347BD-2
HOOD - #2



SECTION VIEW - MODEL 7230ND-2-PSP-F
HOOD - #1

REVISIONS	
DESCRIPTION	DATE

CAPTIVEAIRE
Dallas Office
1801 Royal Lane Suite 101, DALLAS, TX, 75228 PHONE: (214) 220 - 3999 FAX: 2142200099 EMAIL: reg45@captiveaire.com

Pizza Hut Flynn 9 4 Cameron NC
CAMERON, NC, 28326

DATE: 12/10/2024
DWG.#: 7214960
DRAWN BY: DJL-45
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO. 1

DATE: 02/17/25
JOB NO: 2897
DRAWN: GG,TF,TW
CHECKED: AR,CF
ACG #: 242408

HOOD DRAWINGS



FRANCHISEE
HUT CAROLINAS LLC
6200 OAK TREE BLVD
STE 250
INDEPENDENCE, OH 44131

PIZZA HUT #2597
185 MITTIE HADDOCK DRIVE
CAMERON, NORTH CAROLINA

FOR REFERENCE ONLY

SHEET NUMBER

M7

EXHAUST FAN INFORMATION - JOB#7214960

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL.	HP	PHASE	VOL T	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES
1	DVEN	1	DUS0HFA	CAPTIVEAIRE	1000	1.100	1534	TEAD-ECM 0.500	0.3940	1	115	6.3	380 FPM	83	16.4
2	FRFR	1	DUS3HFA	CAPTIVEAIRE	600	0.850	1456	TEAD-ECM 0.333	0.2030	1	115	4.3	297 FPM	75	14.6

MCA FAN INFORMATION - JOB#7214960

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL.	HP	BHP	PHASE	VOL T	FLA	MCA	MDCP (LBS)	WEIGHT (LBS)	SONES
3		1	D76	G7D	D6	600	840	0.500	1606	TEAD-ECM 1.000	0.3740	1	115	11.6	16.64	25A	287	17.5

GAS FIREUP MAKE-UP AIR UNITS)

FAN UNIT NO	TAG	INPUT BTUS	OUTPUT BTUS	TEMP RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE
3		50166	46153	52F	7 IN. W.C. - 14 IN. W.C.	LP

- FAN #3 376D - HEATER**
- LOW CFM DIRECT FIRE HEATER, DIRECT DRIVE.
 - INTAKE HOOD WITH FZ FILTERS.
 - HEATER TEMPERATURE = 234F, TEMP RISE = 52F.
 - WATER TEMPERATURE = 234F, TEMP RISE = 52F.
 - INPUT BTUS AT ALTITUDE OF 60 FT = 46655.
 - OUTPUT BTUS AT ALTITUDE OF 60 FT = 50723.
 - INPUT BTUS AT ALTITUDE OF 100 FT = 50723.
 - OUTPUT BTUS AT ALTITUDE OF 100 FT = 50665.
 - EXTERIOR GAS CONNECTION PROVIDED BY FACTORY WITH QUICK SEAL AND ANTI-ROTATION BRACKET.

SUPPLY SIDE HEATER INFORMATION:

WATER TEMPERATURE = 234F, TEMP RISE = 52F.
 HEATER TEMPERATURE = 234F, TEMP RISE = 52F.
 INPUT BTUS AT ALTITUDE OF 60 FT = 46655.
 OUTPUT BTUS AT ALTITUDE OF 60 FT = 50723.
 INPUT BTUS AT ALTITUDE OF 100 FT = 50723.
 OUTPUT BTUS AT ALTITUDE OF 100 FT = 50665.

FAN OPTIONS

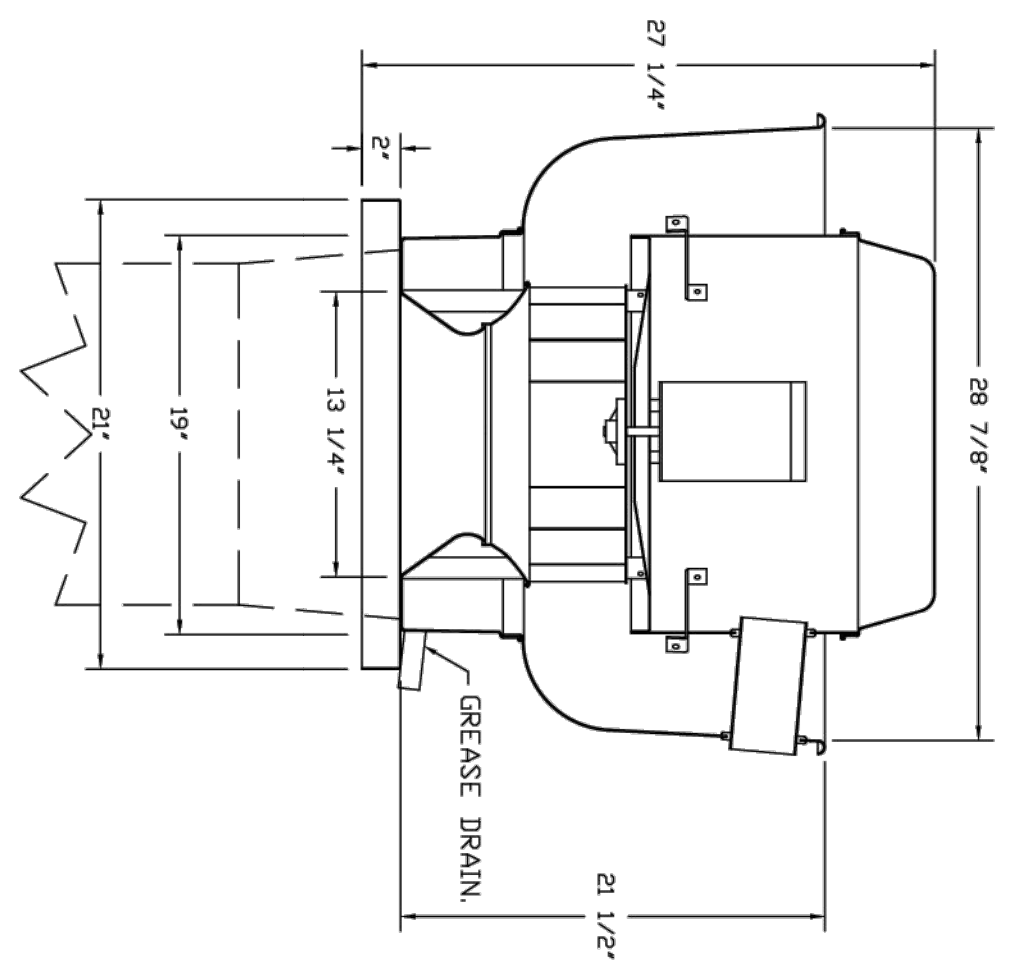
FAN UNIT NO	TAG	QTY	DESCRIPTION
1	DVEN	1	GREASE BOX
1	DVEN	1	HINGE KIT - SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS
1	DVEN	1	ECM WIRING PACKAGE - PWM SIGNAL FROM ECM#3 PREWIRE (TELED MOTOR), CCW ROTATION
1	DVEN	1	2 YEAR PARTS WARRANTY
2	FRFR	1	HINGE KIT - SHIPS LOOSE FOR CURB SUPPLIED BY OTHERS
2	FRFR	1	ECM WIRING PACKAGE - PWM SIGNAL FROM ECM#3 PREWIRE (TELED MOTOR), CCW ROTATION
2	FRFR	1	2 YEAR PARTS WARRANTY
3		1	INLET PRESSURE GAUGE, 0-35"
3		1	MANIFOLD PRESSURE GAUGE, -5 TO 15" WC
3		1	ECM WIRING PACKAGE-SUPPLY - PWM SIGNAL FROM ECM#3 PREWIRE (TELED MOTOR), CW ROTATION
3		1	EXTERIOR GAS CONNECTION PROVIDED BY FACTORY WITH QUICK SEAL AND ANTI-ROTATION BRACKET

FAN ACCESSORIES

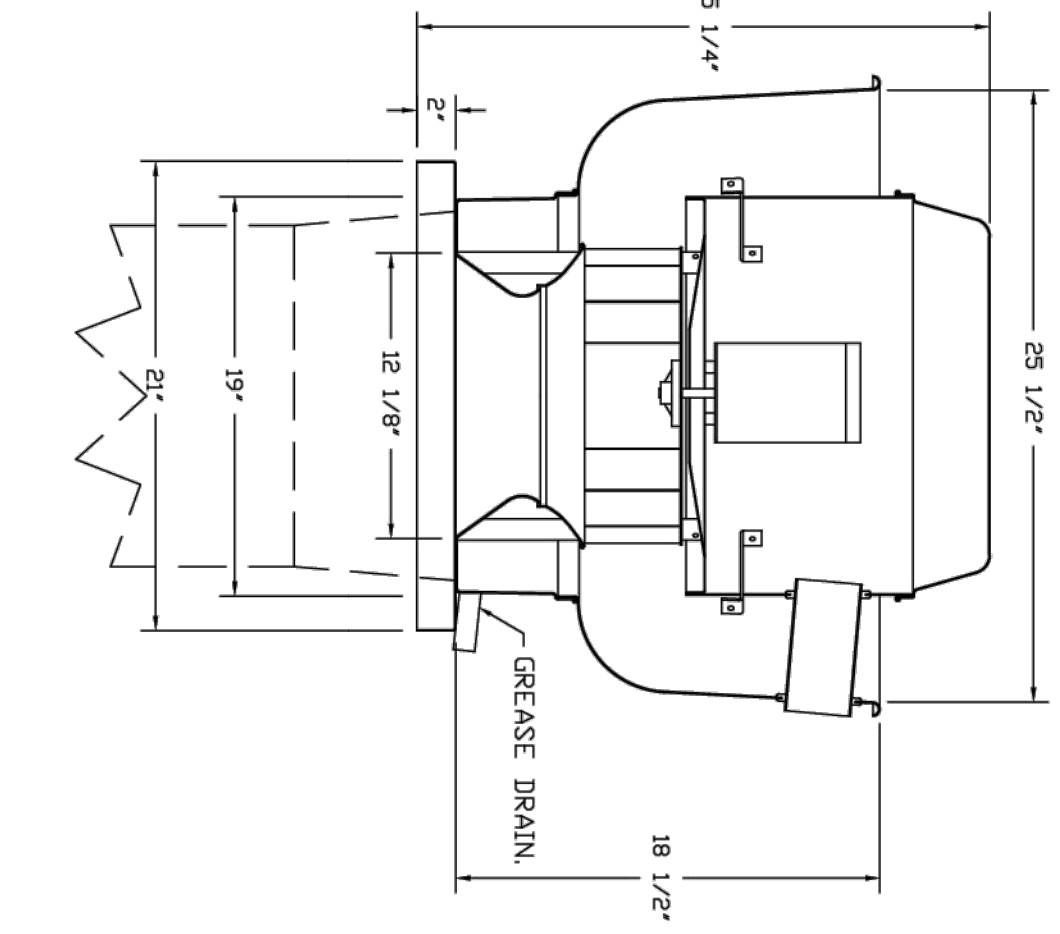
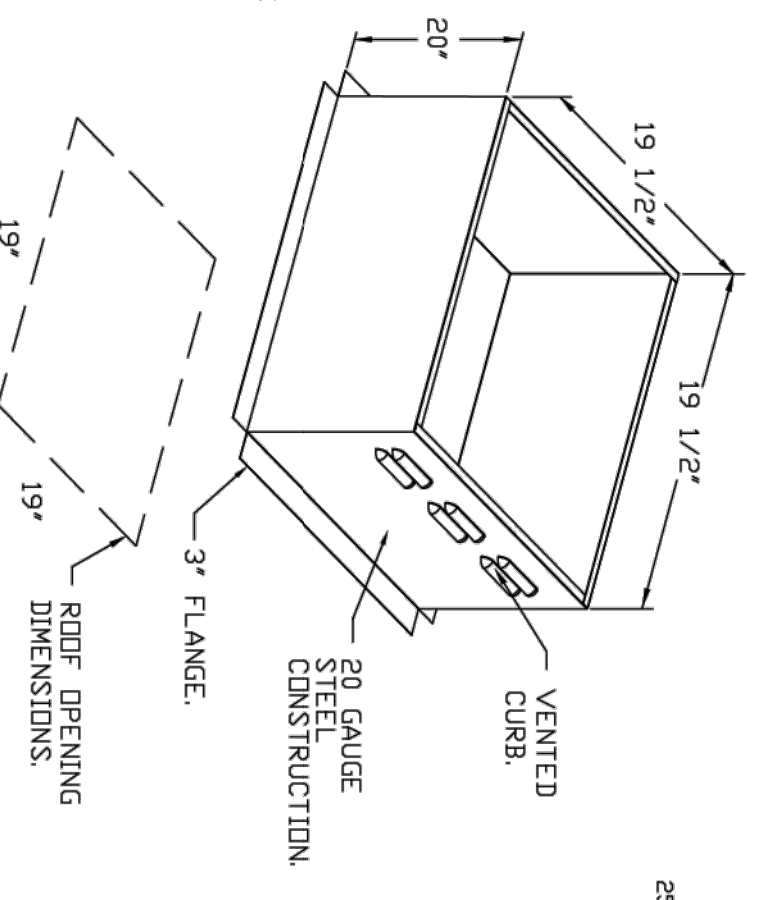
FAN UNIT NO	TAG	EXHAUST	SUPPLY
1	DVEN	YES	YES
2	FRFR	YES	YES

CURB ASSEMBLIES

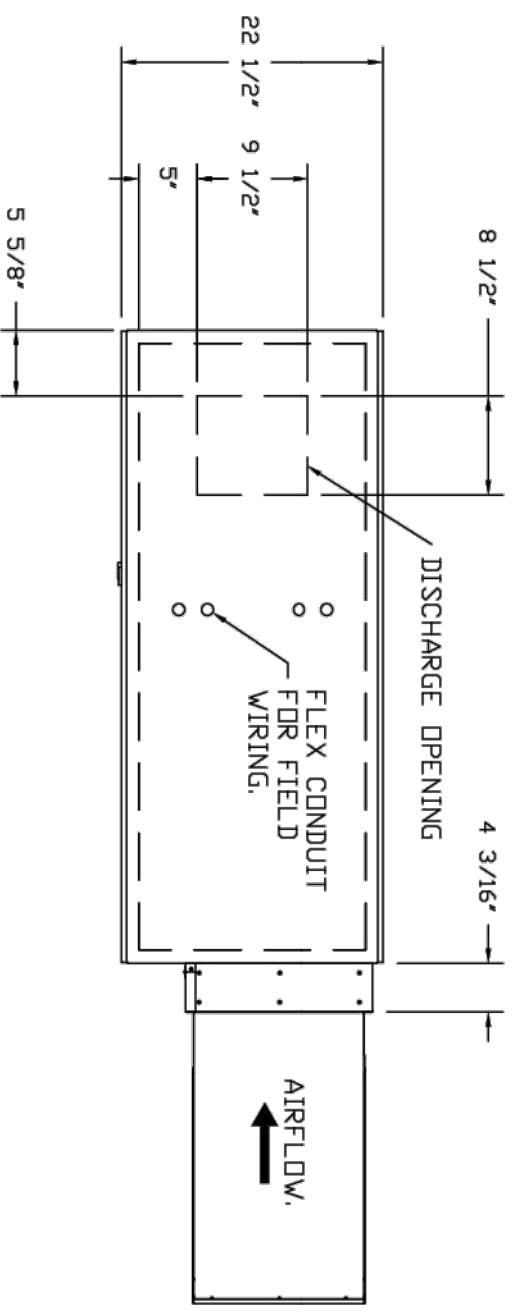
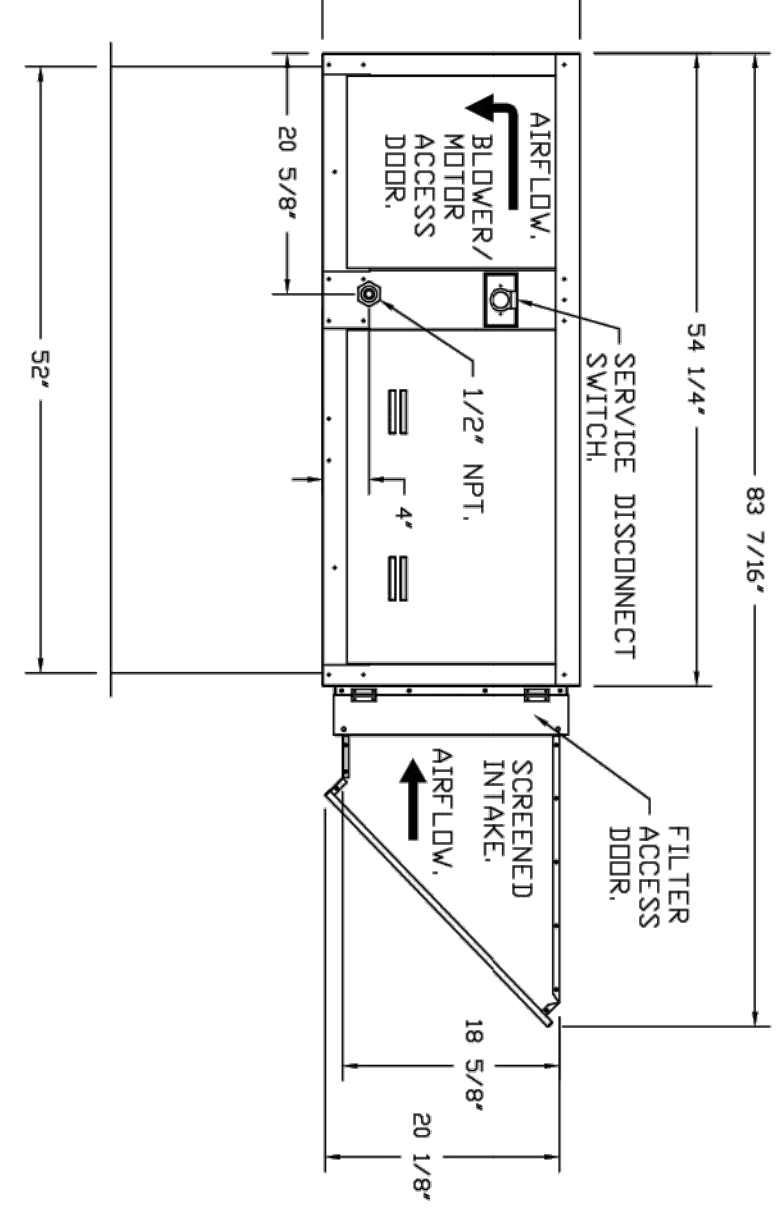
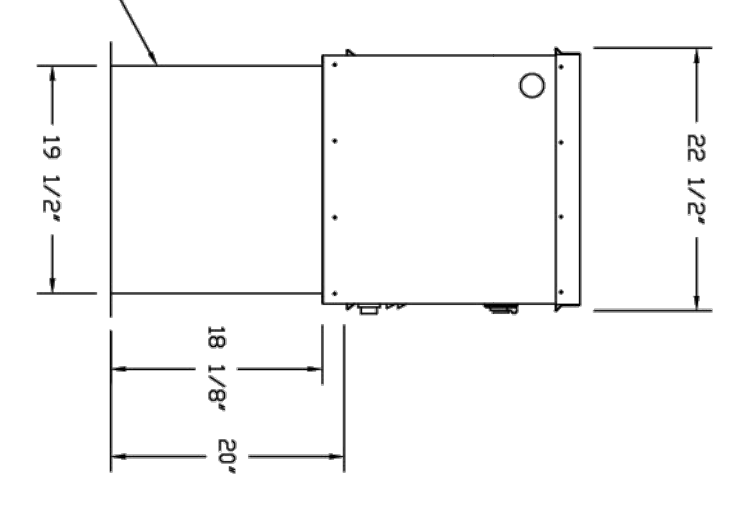
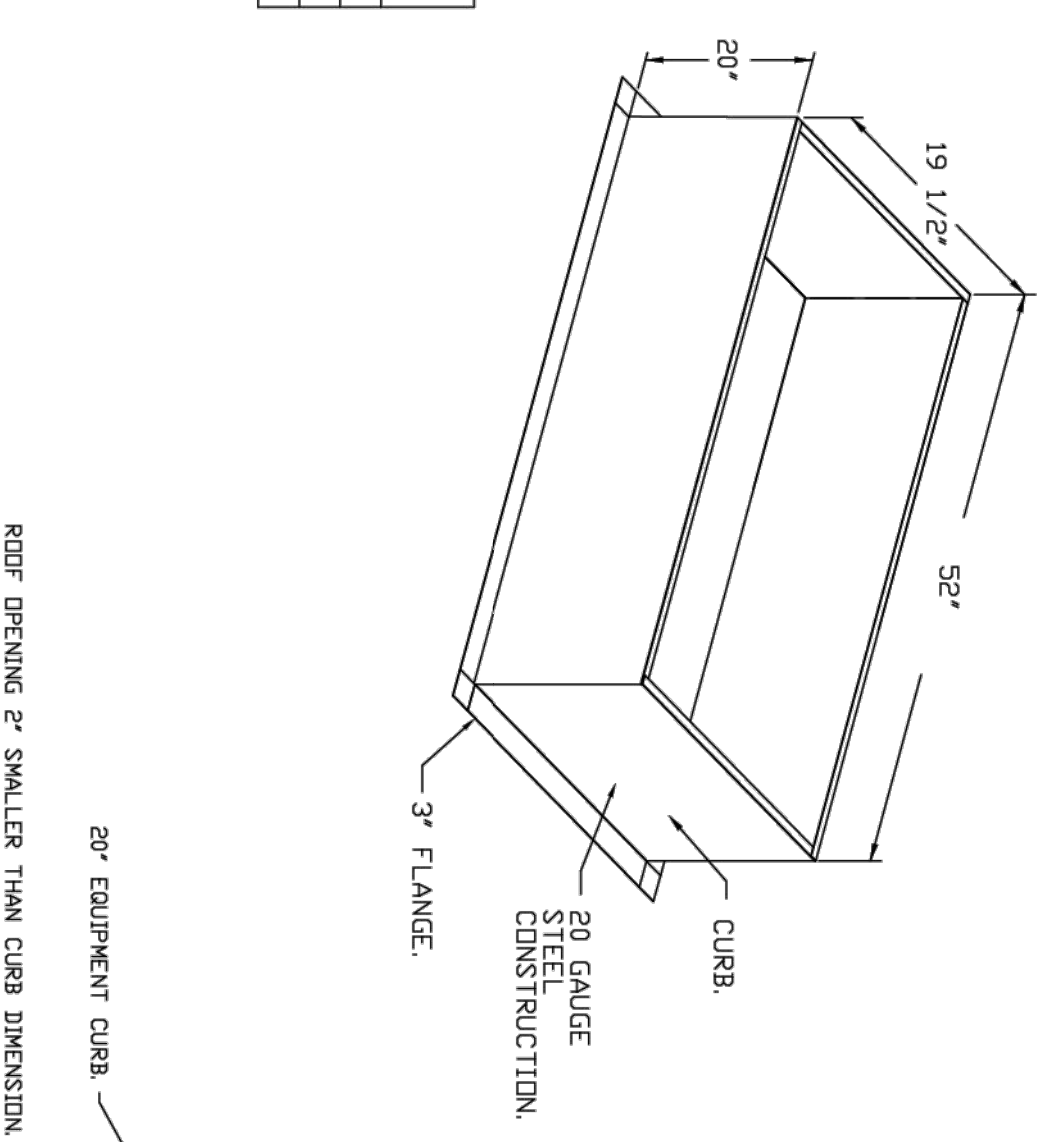
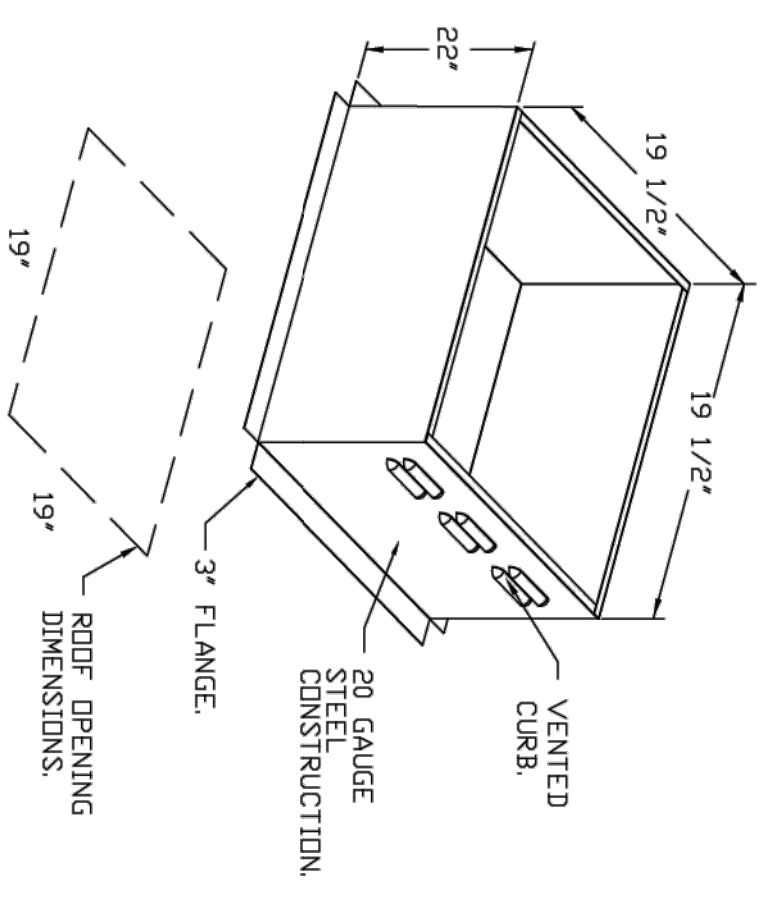
NO	DN	FAN	TAG	WEIGHT	ITEM	SIZE
1	# 1	DVEN	E56370056	27 LBS	CURB	19.500"W X 19.500"L X 20.000"H VENTED.
2	# 2		E56370308	30 LBS	CURB	19.500"W X 19.500"L X 22.000"H VENTED.
3	# 3			50 LBS	CURB	19.500"W X 52.000"L X 20.000"H INSULATED.



- FEATURES:**
- DIRECT DRIVE CONSTRUCTION AND BELTS/PULLEYS.
 - ROOF MOUNTED FANS.
 - RESTRAINT MODEL - UL-C-5645
 - UL705 AND UL762 AND UL-C-5645
 - VARIABLE SPEED CONTROL.
 - INTERNAL WIRING.
 - THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
 - HIGH HEAT OPERATION 300F (149°C).
 - GREASE CLASSIFICATION TESTING.
 - NEMA 3R SAFETY DISCONNECT SWITCH.
 - NORMAL TEMPERATURE TEST.
 - EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 300F (149°C).
 - UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY INTERLOCKING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.
 - ABNORMAL FLARE-UP TEST.
 - EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 300F (149°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.



- FEATURES:**
- DIRECT DRIVE CONSTRUCTION AND BELTS/PULLEYS.
 - ROOF MOUNTED FANS.
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REVISIONS

NO	DESCRIPTION	DATE
1		
2		



Pizza Hut Flynn 9 4 Cameron NC
CAMERON, NC, 28326

DATE: 12/10/2024
 DWG #: 7214960
 DRAWN BY: DJL-45
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING

SHEET NO. 2

REVISIONS: _____

DATE: 02/17/25
 JOB NO: 2597
 DRAWN: GG,TF,TW
 CHECKED: AR,CF
 ACG #: 2420408

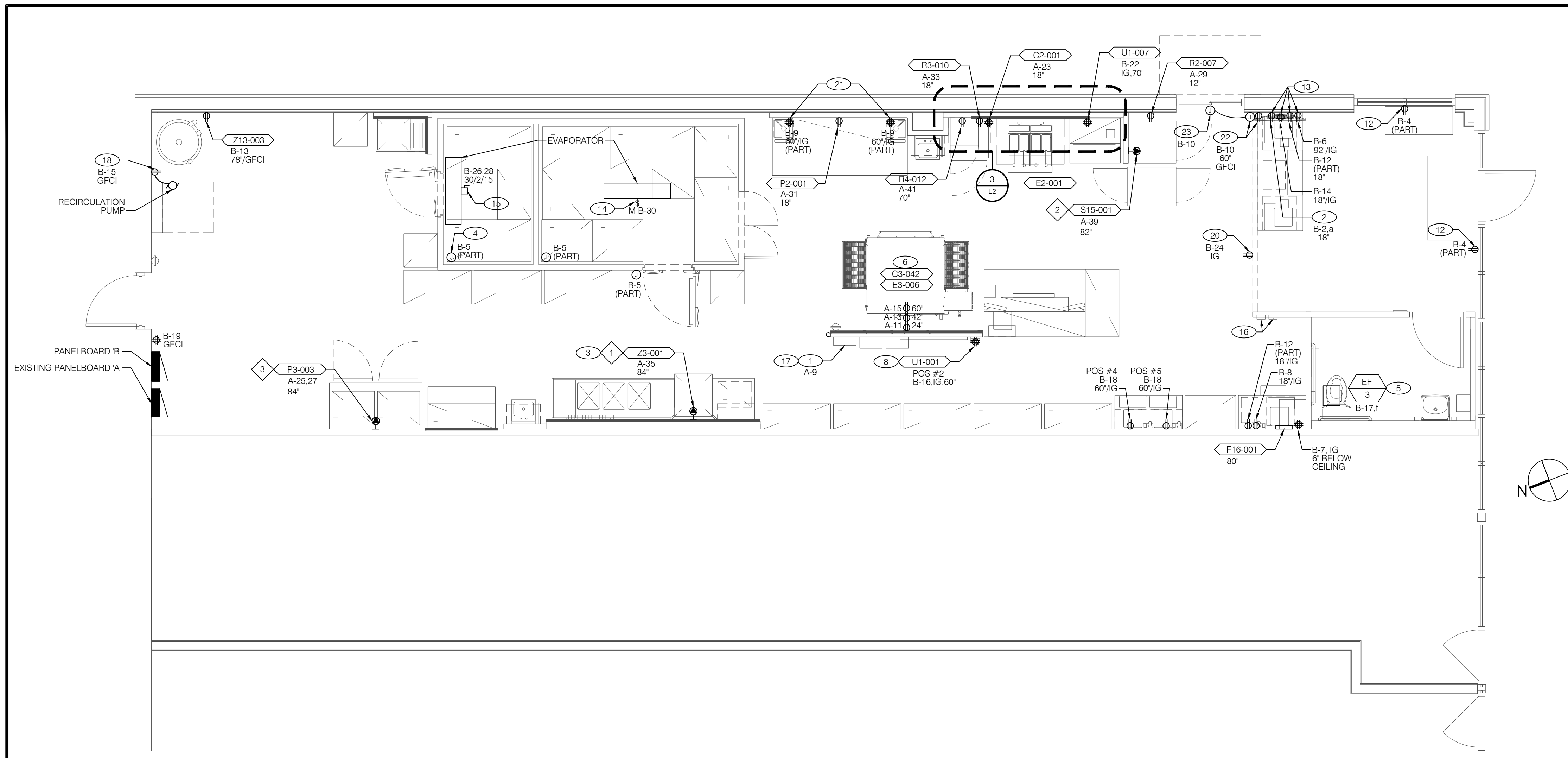
PIZZA HUT #2597
 185 MITTIE HADDOCK DRIVE
 CAMERON, NORTH CAROLINA

HOOD FAN DRAWINGS

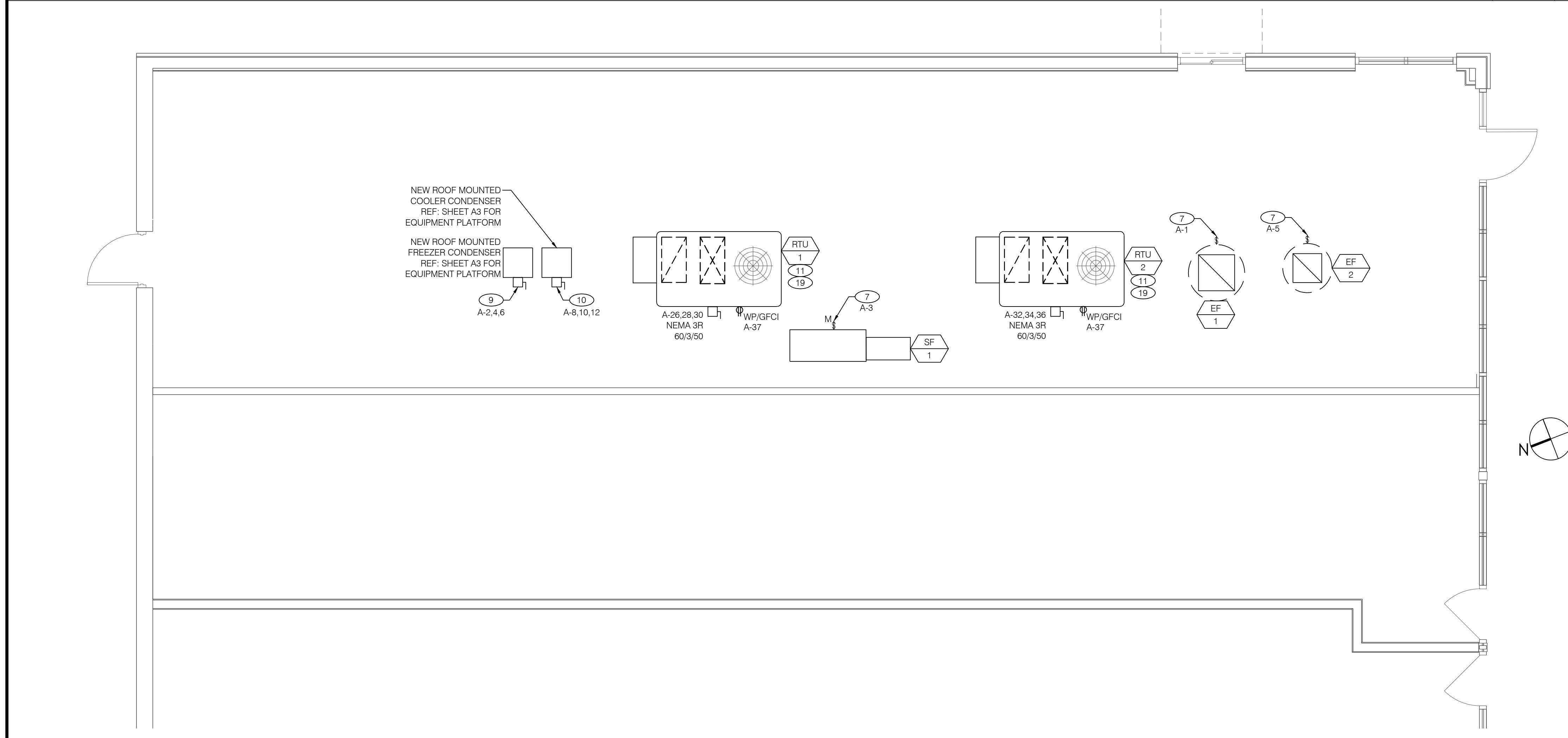
FRANCHISEE
 HUT CAROLINAS LLC
 6200 OAK TREE BLVD
 STE 200
 INDEPENDENCE, OH 44131

SHEET NUMBER
M8

FOR REFERENCE ONLY



ELECTRICAL POWER PLAN 1/4" = 1'-0" 5



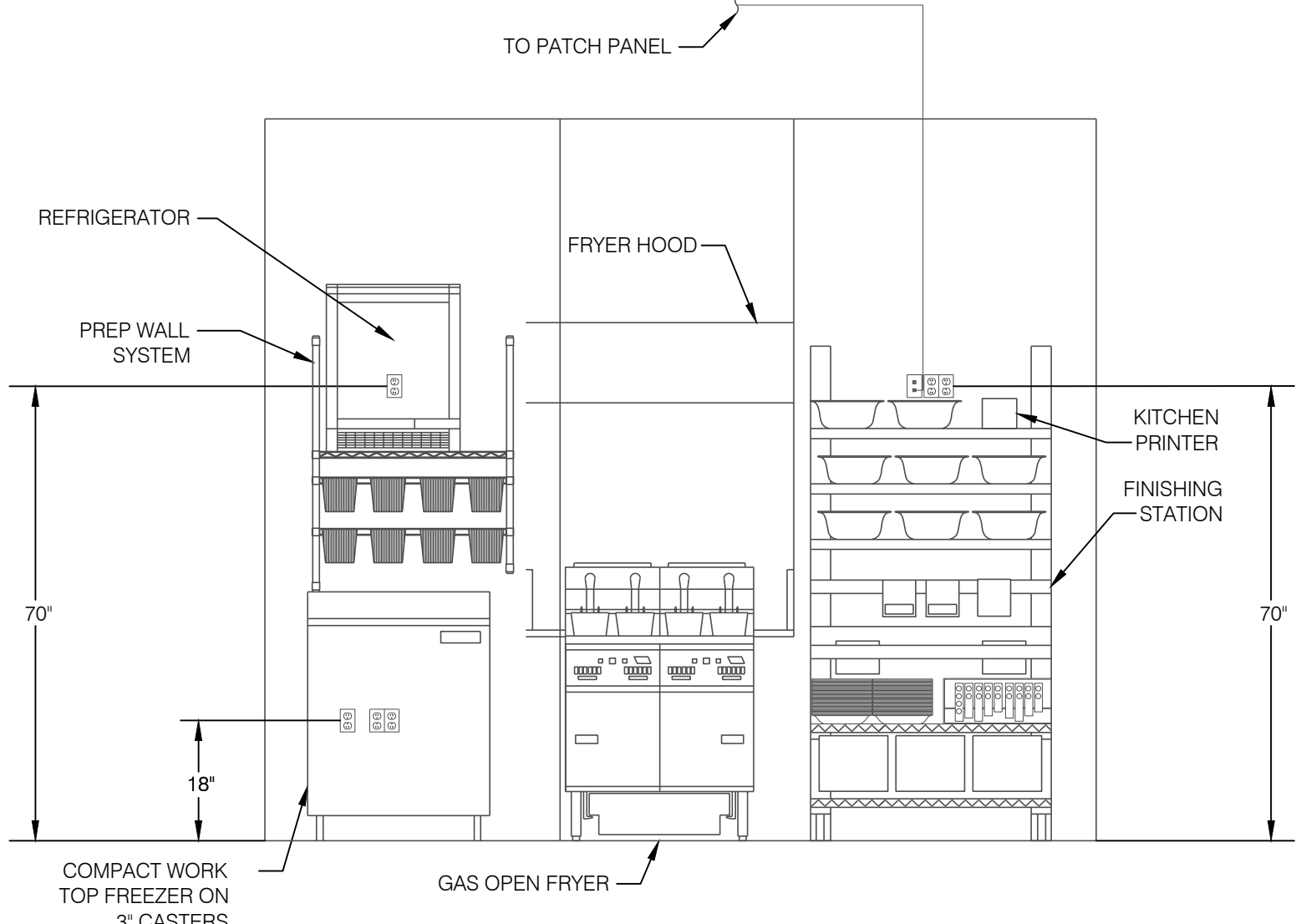
ELECTRICAL ROOF PLAN 1/4" = 1'-0" 2

- FIELD VERIFY ALL ELECTRICAL WORK WITH OWNER BEFORE START OF PROJECT.
- THE FINAL LOCATION OF EMERGENCY LIGHTING TO BE COORDINATED WITH LOCAL FIRE MARSHAL.
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AND CIRCUIT TO THE PIZZA HUT SIGN ON THE BUILDING TOWER. COORDINATE WITH FLYNN FACILITIES/PROJECT MANAGER.
- REFER TO SHEET E1 FOR ELECTRICAL RISER DIAGRAM AND PANELBOARD SCHEDULES.
- MOUNT ALL RECEPTACLES AND DATA OUTLETS AT 18" AFF UNLESS DIRECTED OTHERWISE ON PLAN.

GENERAL NOTES 6

- HOOD CONTROL PANEL. COORDINATE ALL REQUIREMENTS INCLUDING INSTALLATION, POWER, CIRCUIT CONTROLS AND LOCATION WITH CONSTRUCTION MANAGER/VENDOR PRIOR TO ROUGH-IN. COORDINATE CIRCUITS CONTROLLED WITH PANELBOARD SCHEDULES.
- CIRCUIT MILLWORK LED TO DEDICATED BREAKER AS SHOWN. RECEPTACLE TO BE CONTROLLED ALONG WITH LOBBY LIGHTS WITH LOBBY LIGHT SWITCH '1'. CONTRACTOR TO LABEL RECEPTACLE AS CONTROLLED UPON INSTALLATION.
- PROVIDE IN USE WATER TIGHT COVER @ DISHWASHER RECEPTACLE.
- PROVIDE WATER TIGHT J-BOX @ 12" BELOW CEILING FOR DRAIN HEAT TAPE. (HARD WIRE)
- DISCONNECT FURNISHED BY MANUFACTURER. VERIFY EXACT LOCATION. CIRCUIT AS SHOWN. CONTROL EF-3 ALONG WITH RESTROOM LIGHTS WITH RESTROOM LIGHT SWITCH, SWITCH '1'.
- COORDINATE OVEN POWER REQUIREMENTS AND EXACT RECEPTACLE LOCATION WITH OVEN MANUFACTURER AND CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
- DISCONNECT FURNISHED BY MANUFACTURER FOR HVAC EQUIPMENT. VERIFY EXACT LOCATION. CIRCUIT AS SHOWN.
- INSTALL RECEPTACLE OUTLET STACKED VERTICALLY DIRECTLY UNDER DATA OUTLETS.
- PROVIDE 30A, 3P NEMA 3R, FUSED DISCONNECT WITH 20A FUSE FOR WALK-IN FREEZER.
- PROVIDE 30A, 3P NEMA 3R, FUSED DISCONNECT WITH 20A FUSE FOR WALK-IN COOLER.
- PROVIDE LOCAL DISCONNECT FOR MECHANICAL EQUIPMENT. COORDINATE REQUIREMENTS WITH MECHANICAL CONTRACTOR.
- RECEPTACLES MOUNTED AT CEILING FOR SHOW WINDOW POWER; PER NEC REQUIREMENTS.
- INSTALL CONDUIT, CONDUCTORS AND OUTLET BOXES SO THAT THEY ARE HIDDEN/OUT OF VIEW OF CUSTOMERS. CONDUIT, CONDUCTORS AND OUTLET BOXES MAY BE EXPOSED UNDER COUNTER TOP IF REQUIRED.
- PROVIDE DISCONNECT FOR COOLER EVAPORATOR. COORDINATE ALL CIRCUITING AND CONNECTIONS WITH EVAPORATOR AND CONDENSER WITH MANUFACTURER. CONTRACTOR IS TO PROVIDE ALL REQUIRED POWER AND LOW VOLTAGE CONNECTIONS AS REQUIRED FOR A COMPLETE SYSTEM.
- PROVIDE DISCONNECT FOR FREEZER EVAPORATOR AS REQUIRED BY MANUFACTURER. COORDINATE ALL CIRCUITING AND CONNECTIONS WITH EVAPORATOR AND CONDENSER WITH MANUFACTURER. CONTRACTOR IS TO PROVIDE ALL REQUIRED POWER AND LOW VOLTAGE CONNECTIONS AS REQUIRED FOR A COMPLETE SYSTEM.
- PROVIDE (2) 1/2" CONDUITS FOR ANSUL PULL STATIONS TO 6" ABOVE CEILING.
- DOUBLE GANG BOX FOR HOOD CONTROLS. TOP OF BOX @ 48" AFF.
- VERIFY EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLE IN FIELD FOR RECIRCULATION PUMP. RECIRCULATION PUMP IS PROVIDED WITH CORD AND 115V PLUG.
- REFER TO MECHANICAL PLAN FOR EXACT LOCATION OF HVAC EQUIPMENT.
- RECEPTACLE SHALL BE MOUNTED 6" BELOW CEILING ON SOFFIT.
- PLACE RECEPTACLE OUTSIDE OF NETWORK BOX, 12" FROM EACH END OF THE TABLE.
- PROVIDE CE-323 PRESENCE ALERT SIGNAL BELL IN STANDARD JUNCTION BOX AND RECEPTACLE AS SHOWN. PROVIDE 3/4" CONDUIT WITH LONG SWEEP 90° ELBOWS FROM SIGNAL BELL JUNCTION BOX TO JUNCTION BOX CENTERED BELOW WINDOW.
- PROVIDE JUNCTION BOX CENTERED BELOW WINDOW. PROVIDE 3/4" CONDUIT TO BELOW GRADE STUB OUT FOR CONNECTION TO UNDER GROUND DETECTION LOOP. REFER TO MANUFACTURER INSTALLATION INSTRUCTIONS FOR MORE INFORMATION.

KEY NOTES 4



ELEVATION WINGSTREET LINE 3

SPECIAL OUTLETS	
1	DISHWASHER LOCAL WP 1P/15A CIRCB BREAKER OR DISC SWITCH MEANS. MTG. @ 84" AFF. AND SEALTITE FLEX CONDUIT TO UNIT.
2	HOT HOLD 120V, 1P/19.3A/3 WIRE RECEPTACLE, NEMA L5-30R.
3	PROOFER 208V, 2P/16A. PROVIDE NEMA L6-20R.

SPECIAL SYMBOL LEGEND 1

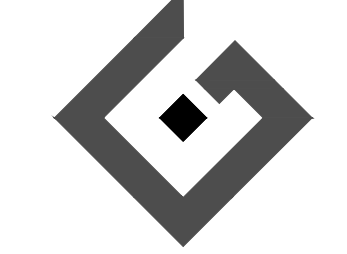
DATE: 02/17/25
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ELECTRICAL POWER/ROOF PLAN



PIZZA HUT #2597
 185 MITTIE HADDOCK DRIVE
 CAMERON, NORTH CAROLINA

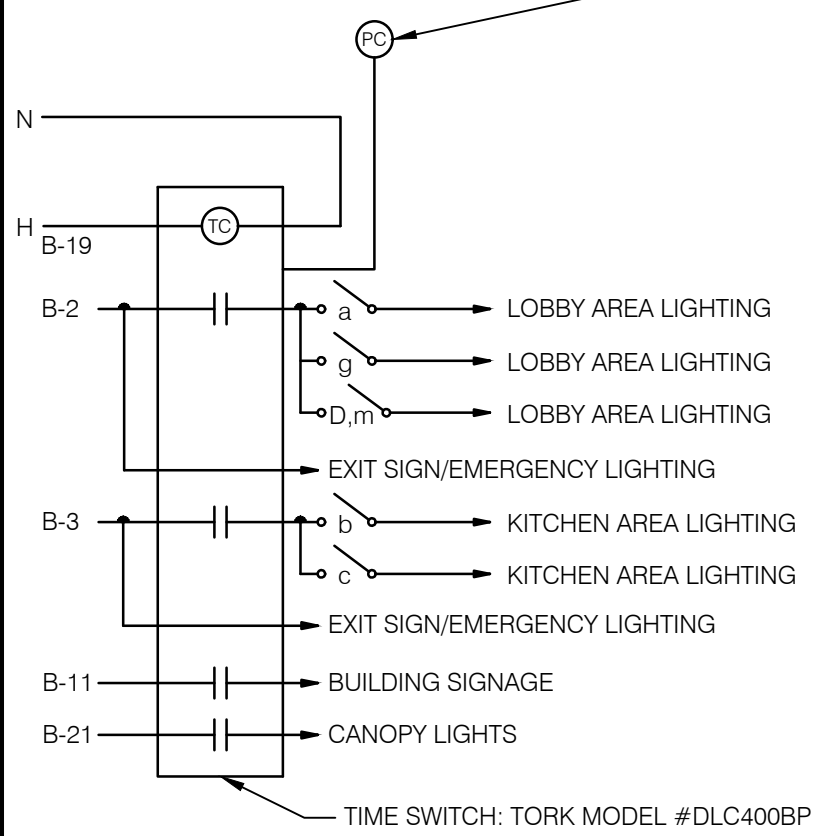
ACERTUS CONSULTING GROUP, LLC
 11880 COLLEGE BLVD, STE 475
 OVERLAND PARK, KS 66210
 P 913.922.5150
 www.acertus.com
 North Carolina Registered Engineering Firm #P1514



REVISIONS:
 SHEET NUMBER
E2

DESCRIPTION OF OPERATION:
EXTERIOR SIGNAGE TO BE TURNED ON BY PHOTO CELL. SIGNAGE WILL BE SWITCHED OFF BY TIME SWITCH AT CLOSE.

COORDINATE WITH PIZZA HUT CONSTRUCTION MANAGER ON TIME SETTINGS FOR INTERIOR LIGHTING.



LIGHTING CONTROLS SYSTEM TESTING REQUIREMENTS

PROVIDE EVIDENCE THAT THE LIGHTING CONTROL SYSTEMS HAVE BEEN TESTED TO ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURERS INSTRUCTIONS.

OCCUPANT SENSOR CONTROLS:
THE FOLLOWING PROCEDURES SHALL BE PERFORMED:
1. CERTIFY THAT THE OCCUPANT SENSOR HAS BEEN LOCATED AND AIMED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
2. EACH SENSOR SHALL BE TESTED.
3. FOR PROJECTS WITH MORE THAN SEVEN OCCUPANT SENSORS, TESTING SHALL BE DONE FOR EACH UNIQUE COMBINATION OF SENSOR TYPE AND SPACE GEOMETRY. WHERE MULTIPLES OF EACH UNIQUE COMBINATION OF SENSOR TYPE AND SPACE GEOMETRY ARE PROVIDED, NOT LESS THAN 10 PERCENT, BUT IN NO CASE LESS THAN ONE, OF EACH COMBINATION SHALL BE TESTED UNLESS THE CODE OFFICIAL REQUIRES A HIGHER

PERCENTAGE TO BE TESTED, WHERE 30 PERCENT OR MORE OF THE TESTED CONTROLS FAIL, ALL REMAINING IDENTICAL COMBINATIONS SHALL BE TESTED.
FOR OCCUPANT SENSOR CONTROLS TO BE TESTED, VERIFY THE FOLLOWING:
3.1. WHERE OCCUPANT SENSOR CONTROLS INCLUDE STATUS INDICATORS, VERIFY CORRECT OPERATION.
3.2. THE CONTROLLED LIGHTS TURN OFF OR DOWN TO THE PERMITTED LEVEL WITHIN THE REQUIRED TIME.
3.3. FOR AUTO-ON OCCUPANT SENSOR CONTROLS, THE LIGHTS TURN ON TO THE PERMITTED LEVEL WHEN AN OCCUPANT ENTERS THE SPACE.
3.4. FOR MANUAL-ON OCCUPANT SENSOR CONTROLS, THE LIGHTS TURN ON ONLY WHEN MANUALLY ACTIVATED.
3.5. THE LIGHTS ARE NOT INCORRECTLY TURNED ON BY MOVEMENT IN ADJACENT AREAS OR BY HVAC OPERATION.

TIME SWITCH CONTROLS:
WHERE TIME SWITCH CONTROLS ARE PROVIDED, THE FOLLOWING PROCEDURES SHALL BE PERFORMED:

- CONFIRM THAT THE TIME-SWITCH CONTROL IS PROGRAMMED WITH ACCURATE WEEKDAY, WEEKEND AND HOLIDAY SCHEDULES.
- PROVIDE DOCUMENTATION TO THE OWNER OF TIME-SWITCH CONTROLS PROGRAMMING INCLUDING WEEKDAY, WEEKEND, HOLIDAY SCHEDULES, AND SET-UP AND PREFERENCE PROGRAM SETTINGS.
- VERIFY THE CORRECT TIME AND DATE IN THE TIME SWITCH.
- VERIFY THAT ANY BATTERY BACK-UP IS INSTALLED AND ENERGIZED.
- VERIFY THAT THE OVERRIDE TIME LIMIT IS SET TO NOT MORE THAN 2 HOURS.
- SIMULATE OCCUPIED CONDITION. VERIFY AND DOCUMENT THE FOLLOWING:
 - ALL LIGHTS CAN BE TURNED ON AND OFF BY THEIR RESPECTIVE AREA CONTROL SWITCH.
 - THE SWITCH ONLY OPERATES LIGHTING IN THE ENCLOSED SPACE IN WHICH THE SWITCH IS LOCATED.
- SIMULATE UNOCCUPIED CONDITION. VERIFY AND DOCUMENT THE FOLLOWING:
 - NONEXEMPT LIGHTING TURNS OFF.
 - MANUAL OVERRIDE SWITCH ALLOWS ONLY THE LIGHTS IN THE ENCLOSED SPACE WHERE THE OVERRIDE SWITCH IS LOCATED TO TURN ON OR REMAIN ON UNTIL THE NEXT SCHEDULED SHUTOFF OCCURS.

DAYLIGHT RESPONSIVE CONTROLS:
WHERE DAYLIGHT RESPONSIVE CONTROLS ARE PROVIDED, THE FOLLOWING SHALL BE VERIFIED:

- CONTROL DEVICES HAVE BEEN PROPERLY LOCATED, FIELD CALIBRATED AND SET FOR ACCURATE SETPOINTS AND THRESHOLD LIGHT LEVELS.
- DAYLIGHT CONTROLLED LIGHTING LOADS ADJUST TO LIGHT LEVEL SET POINTS IN RESPONSE TO AVAILABLE DAYLIGHT.
- THE LOCATIONS OF CALIBRATION ADJUSTMENT EQUIPMENT ARE READILY ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL.

DOCUMENTATION REQUIREMENTS:
DOCUMENTS CERTIFYING THAT THE INSTALLED LIGHTING CONTROLS MEET DOCUMENTED PERFORMANCE CRITERIA ARE TO BE PROVIDED TO THE BUILDING OWNER WITHIN 90 DAYS FROM THE DATE OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY.

NO.	LOCATION	MANUFACTURER / CATALOG NUMBER	DESCRIPTION	LAMP		MOUNTING	VOLT	WATT	REMARKS
				#	TYPE				
C	ENTRY	ACCUSERV / ITEM: REL637-850L-DIMTR-120-30K-90W-WH	RECESSED 6" CAN DOWNLIGHT	-	LED	CEILING	120	12	WHITE TRIM
F2	ENTRY	HI-LITE: H-PHCN75X-92-165 INT/CB8-91/INC	SUSPENDED DECORATIVE LUMINAIRE	-	3500 WHITE LED	BOTTOM OF FIXTURE @ 7'-0" AFF	120	20	BOTTOM OF FIXTURE TO BE FINISHED AT 7'-0" A.F.F. LAMP: HALCO LED A 19 BULB
F3	KITCHEN	MERCURY ARCHITECTURAL LIGHTING:	RECESSED 2X4 LED TROFFER	-	3500 WHITE LED	INTERIOR	UNV	37	
F4	RESTROOM	ENVISION LED: LED-RDL-EX-6-3P18-SCCT-WH-SM	RECESSED LED DOWNLIGHT	-	3500 WHITE LED	INTERIOR/ EXTERIOR	120	18	NOMINAL 6" DIAMETER APERTURE, ALUMINUM HOUSING, DIFFUSE SELF FLANGE TRIM, INTEGRAL DIMMING DRIVER.
F5	RESTROOM	AFX: LIAV240LAJMVSN LEIA LED VANITY LIAV SERIES.	LED VANITY LIGHT	-	3500 WHITE LED	INTERIOR	120	18	SATIN NICKEL FINISH.
H1	KITCHEN	COMPONENT HARDWARE: LED-4000X SERIES OR EQUIVALENT	LED BULB IN HOOD	-	3500 WHITE LED	HOOD	120	12	
E	WALK-IN	SUPPLIED BY WALK-IN		-	-	LAY-IN GRID	-	-	
EM1	INTERIOR	EXITRONIX: NFT-W-G2	EMERGENCY LIGHT	-	INCLUDED	LAY-IN GRID	120	-	EMERGENCY FIXTURE WITH 90 MINUTE EMERGENCY BATTERY BACKUP. FINISH: WHITE
EM2	EXTERIOR	ACCUSERV: ITEM: CAMN/LX6-DB	EXTERIOR EMERGENCY LIGHT	-	6W XENON	LAY-IN GRID	120	-	EMERGENCY FIXTURE WET LOCATION RATED
K	INTERIOR	BEST LIGHTING PRODUCTS EXZTEU-2-R-W-EM	LED EXIT SIGN	-	LED	LAY-IN GRID	120	3	WHITE EXIT FIXTURE WITH EMERGENCY BATTERY. PROVIDE DIRECTIONAL ARROWS AS INDICATED ON PLANS WHEN NECESSARY.

ALL LIGHT FIXTURES ON LIGHT FIXTURE SCHEDULE FURNISHED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR.

LIGHTING FIXTURE CONTACTS:

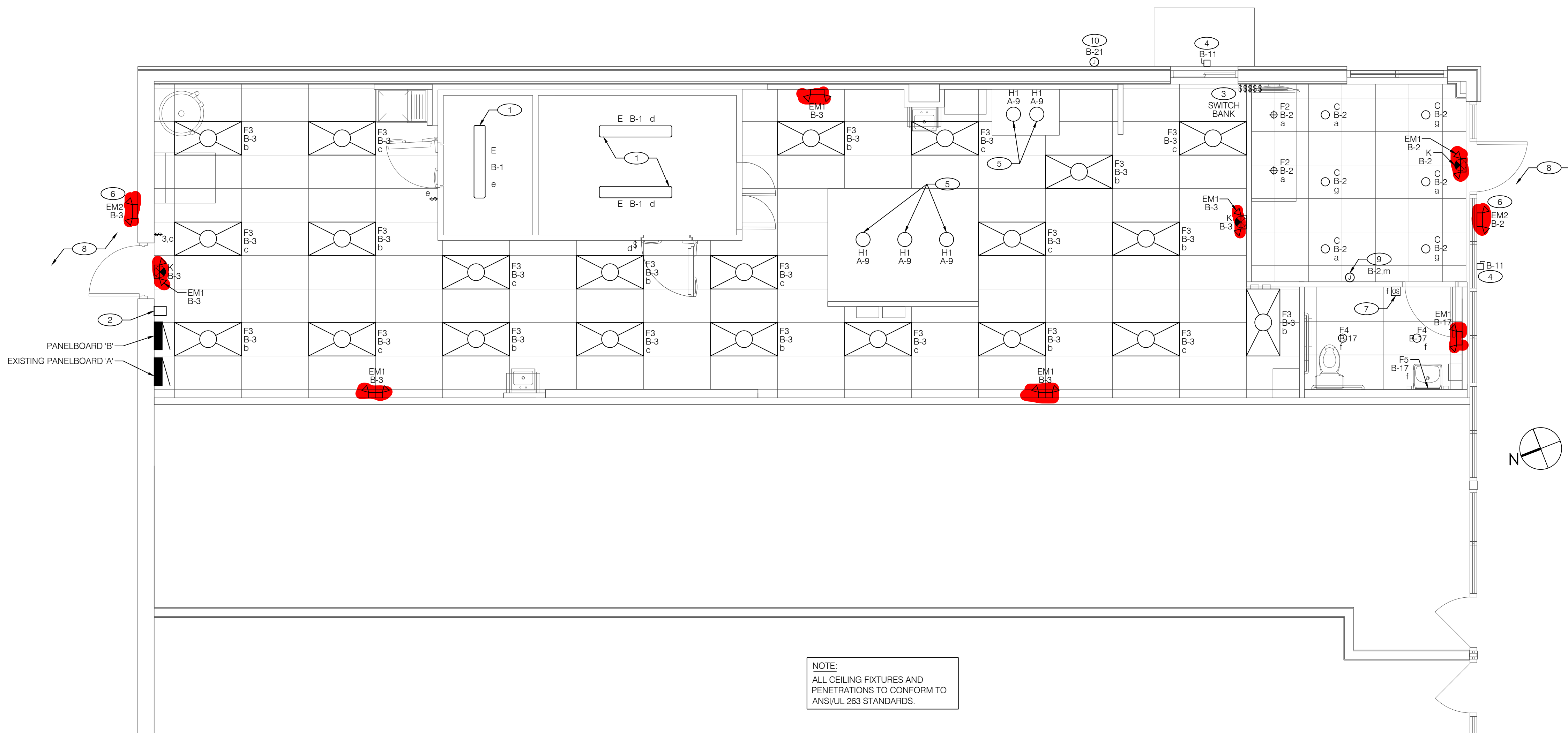
ACCUSERV EQUIPMENT & SUPPLY
3865 PRODUCE RD., SUITE #208, LOUISVILLE, KY 40218,
PHONE: 877-707-7378, FAX: 502-961-0357.

- ELECTRICAL CONTRACTOR SHALL VERIFY ALL FIXTURE LOCATIONS WITH ARCHITECTURAL PLANS.
- ELECTRICAL CONTRACTOR SHALL INSTALL ALL CEILING MOUNTED LIGHTING FIXTURES IN LOCATIONS AS INDICATED ON THE ARCHITECTURAL REFLECTED CEILING PLAN.
- CONFIRM LIGHTING FIXTURE QUANTITIES WITH SUPPLIER.
- CONTRACTOR TO FIELD VERIFY CEILING TYPE AND PROVIDE PROPER MOUNTING HARDWARE.
- VERIFY LOCATION OF NEW SWITCH BANK WITH FLYNN FACILITIES/PROJECT MANAGER.
- CONTRACTOR TO PROVIDE CUSTOM LAYOUT PER ARCHITECTURAL DRAWINGS. CONTRACTOR TO COORDINATE MOUNTING WITH ARCHITECTURAL ELEVATIONS. CONTRACTOR TO PROVIDE COMPLETE AND WORKING RGB COLOR MIXING SYSTEM WITH PROGRAMMABLE CONTROL SYSTEM PER MANUFACTURERS RECOMMENDATIONS.

INTERIOR LIGHTING & EXTERIOR SIGNAGE CONTROL DIAGRAM 6

LIGHTING FIXTURE SCHEDULE 5

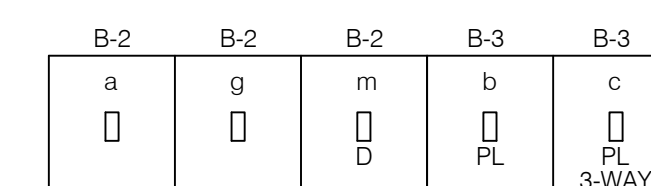
LIGHT FIXTURE SCHEDULE NOTES 4



NOTE:
ALL CEILING FIXTURES AND PENETRATIONS TO CONFORM TO ANSI/UL 263 STANDARDS.

- COOLER/FREEZER LIGHTS FURNISHED BY MANUFACTURER. CIRCUIT AS SHOWN.
- PROVIDE TIME CLOCK, EXTERIOR PHOTOCELL SENSOR AND LIGHTING CONTACTOR AS SHOWN IN DETAIL 6 ON THIS SHEET. MOUNT TIME CLOCK AND LIGHTING CONTACTOR ADJACENT TO PANELBOARD 'B' AND MOUNT EXTERIOR PHOTOCELL SENSOR ON ROOF PER MANUFACTURER LITERATURE.
- VERIFY EXACT LOCATION OF SWITCH BANK WITH FLYNN FACILITIES/PROJECT MANAGER.
- SIGNAGE DISCONNECT SWITCH; NEMA 3R, LOCKABLE. EXACT LOCATION TO BE DETERMINED IN FIELD.
- CONNECT HOOD LIGHTING WITHIN OVEN AND FRYER HOODS TO HOOD CONTROL PANEL CONTROL CIRCUIT. COORDINATE ALL WIRING AND REQUIRED CONNECTION WITH HOOD MANUFACTURER.
- MOUNT EXTERIOR EMERGENCY EXIT LIGHTING FIXTURE @ 96" A.F.F. ON FACE OF EXTERIOR WALL. CIRCUIT AS INDICATED. COORDINATE EXACT LOCATION WITH BUILDING OWNER AND TENANT.
- PROVIDE WALL MOUNTED OCCUPANCY SENSOR AS SHOWN ON PLANS FOR CONTROL OF RESTROOM LIGHT AND EXHAUST FAN. WATSTOPPER MODEL# FW-301.
- EXISTING EXTERIOR LIGHTING AND EMERGENCY LIGHTING TO REMAIN UNLESS NOTED OTHERWISE.
- JUNCTION BOX FOR RED LED STRIP LIGHT IN WALL. COORDINATE WITH FIXTURE INSTALLATION INSTRUCTIONS FOR EXACT LOCATION. PROVIDE DIMMER COMPATIBLE WITH FIXTURE. REFER TO DETAIL 1/E3 FOR LOCATION.
- PROVIDE WEATHER PROOF JUNCTION BOX FOR CANOPY LIGHTING. CANOPY TO BE FURNISHED BY OTHERS AND INSTALLED BY G.C. CIRCUIT AND CONTROL AS SHOWN.

KEY NOTES 3



NOTE: VERIFY LOCATION OF NEW SWITCH BANK W/ FLYNN FACILITIES/PROJECT MANAGER.

NOTE: PROVIDE PILOT LIGHTS FOR SWITCHES NOTED WITH A 'PL'. PILOT LIGHTS ARE REQUIRED FOR ALL SWITCHES CONTROLLING LIGHTS FIXTURES THAT ARE NOT VISIBLE FROM SWITCH LOCATION.

NOTE: SWITCHES NOTED WITH 'D' ARE TO BE DIMMING SWITCHES COMPATIBLE WITH FIXTURES THEY ARE SERVING.

ELECTRICAL LIGHTING PLAN 1/4" = 1'-0" 2

SWITCH BANK 1

DATE: 02/17/25
JOB NO: 2597
DRAWN: GG,TF,TW
CHECKED: AR,CF
ACG #: 2420408

ELECTRICAL LIGHTING PLAN

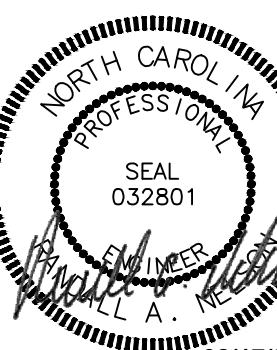
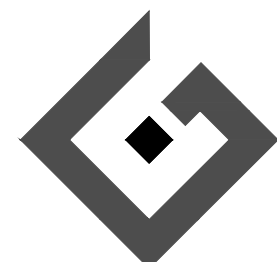


FRANCHISEE

HUT CAROLINAS LLC
6200 OAK TREE BLVD
STE 250
INDEPENDENCE, OH 44131

PIZZA HUT #2597
185 MITTIE HADDOCK DRIVE
CAMERON, NORTH CAROLINA

ACERTUS CONSULTING GROUP, LLC
11800 COLLEGE BLVD, STE 475
OVERLAND PARK, KS 66210
www.acertus.com
P: 713.922.5150
www.Profil.com
Proj# 2420408
North Carolina Registered Engineering Firm #PI 1514

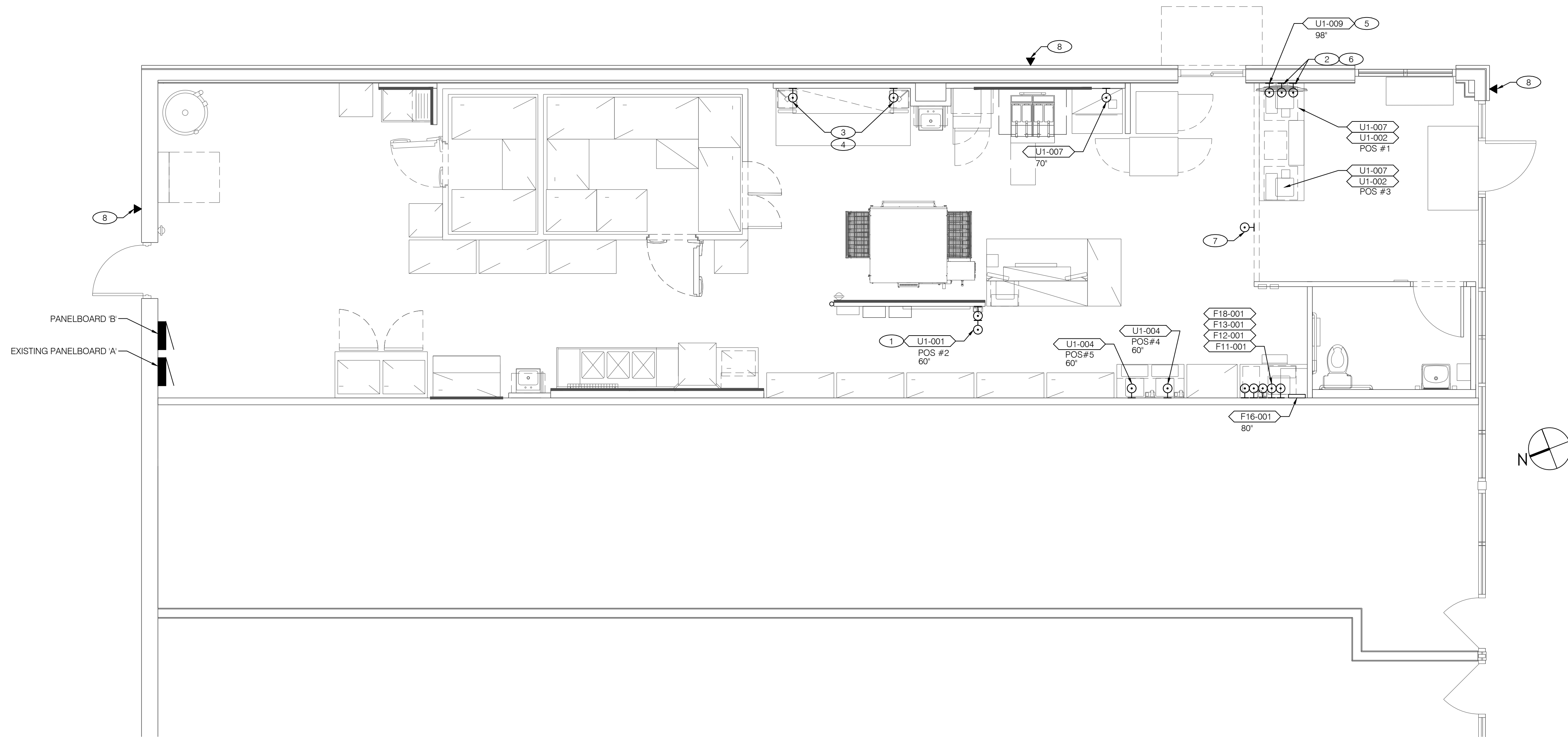


02/17/2025

SHEET NUMBER

E3

REVISIONS:



1. ALL IT CONDUITS TO BE EXTENDED 12" ABOVE CEILING WITH PULL STRING.

GENERAL IT NOTES 4

- 1. INSTALL TWO DATA OUTLETS STACKED VERTICALLY.
- 2. INSTALL CONDUIT, CONDUCTORS AND OUTLET BOXES SO THAT THEY ARE HIDDEN/OUT OF VIEW OF CUSTOMERS. CONDUIT, CONDUCTORS AND OUTLET BOXES MAY BE EXPOSED UNDER COUNTER TOP IF REQUIRED.
- 3. PLACE NETWORK BOX 12" FROM EACH END OF THE TABLE.
- 4. PROVIDE SINGLE GANG JUNCTION BOX AT +60" A.F.F. WITH 3/4" CONDUIT.
- 5. PROVIDE SINGLE GANG JUNCTION BOX AT +98" A.F.F. WITH 3/4" CONDUIT.
- 6. PROVIDE (2) SINGLE GANG JUNCTION BOXES AT +24" WITH 3/4" CONDUIT.
- 7. PROVIDE DATA OUTLET IN BULKHEAD FOR FUTURE MONITOR.
- 8. PROVIDE DATA OUTLET AND 3/4" CONDUIT 2 TO SIDE, 1' ABOVE DOOR OPENING OR TOP OF GLAZING FOR SECURITY CAMERAS. EXTEND 12" ABOVE CEILING.

DATE: 02/17/25
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 DRAWN: GG,TF,TW
 CHECKED: AR,CF
 ACG #: 2420408

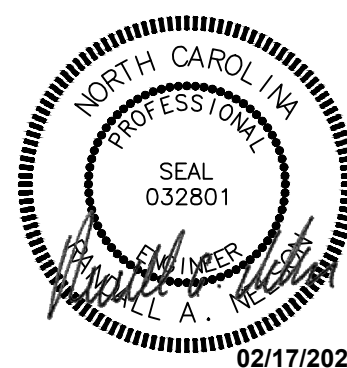
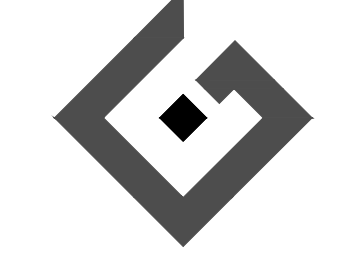
ELECTRICAL IT PLAN



FRANCHISEE
 HUT CAROLINAS LLC
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 P 913 922 51 50
 www.acertus.com
 Proj# 2420408
 North Carolina Registered Engineering Firm #PI 514



02/17/2025

SHEET NUMBER
E4

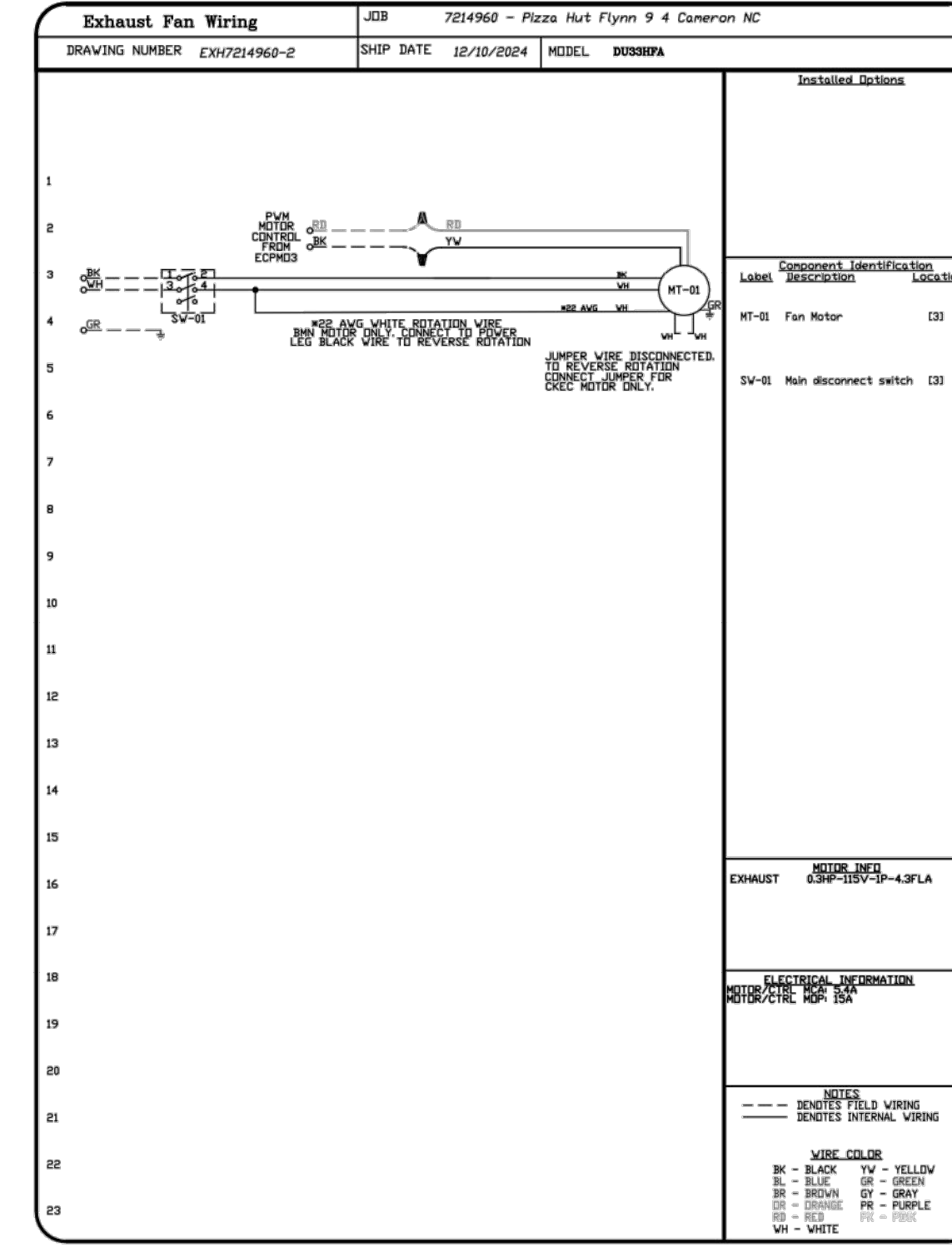
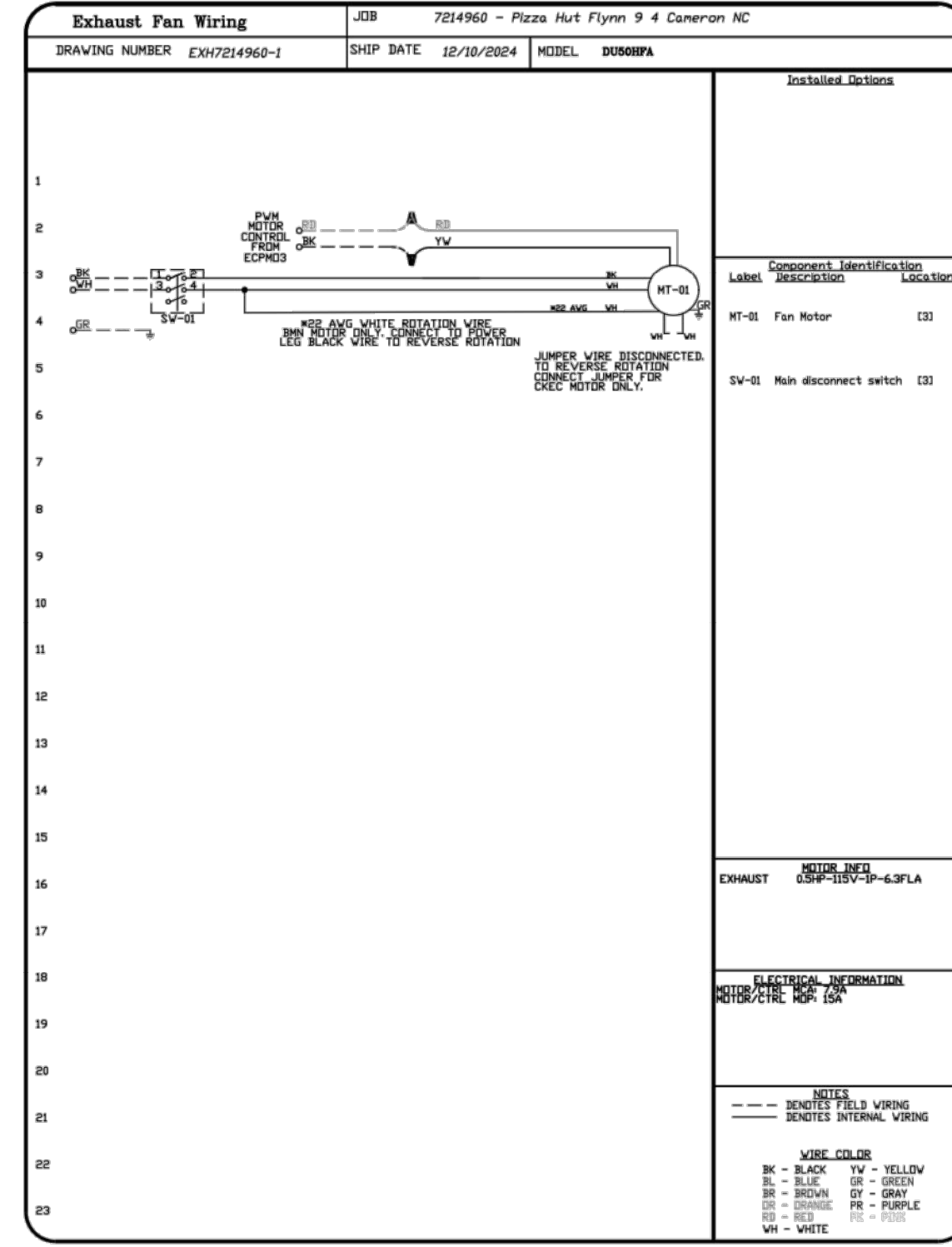
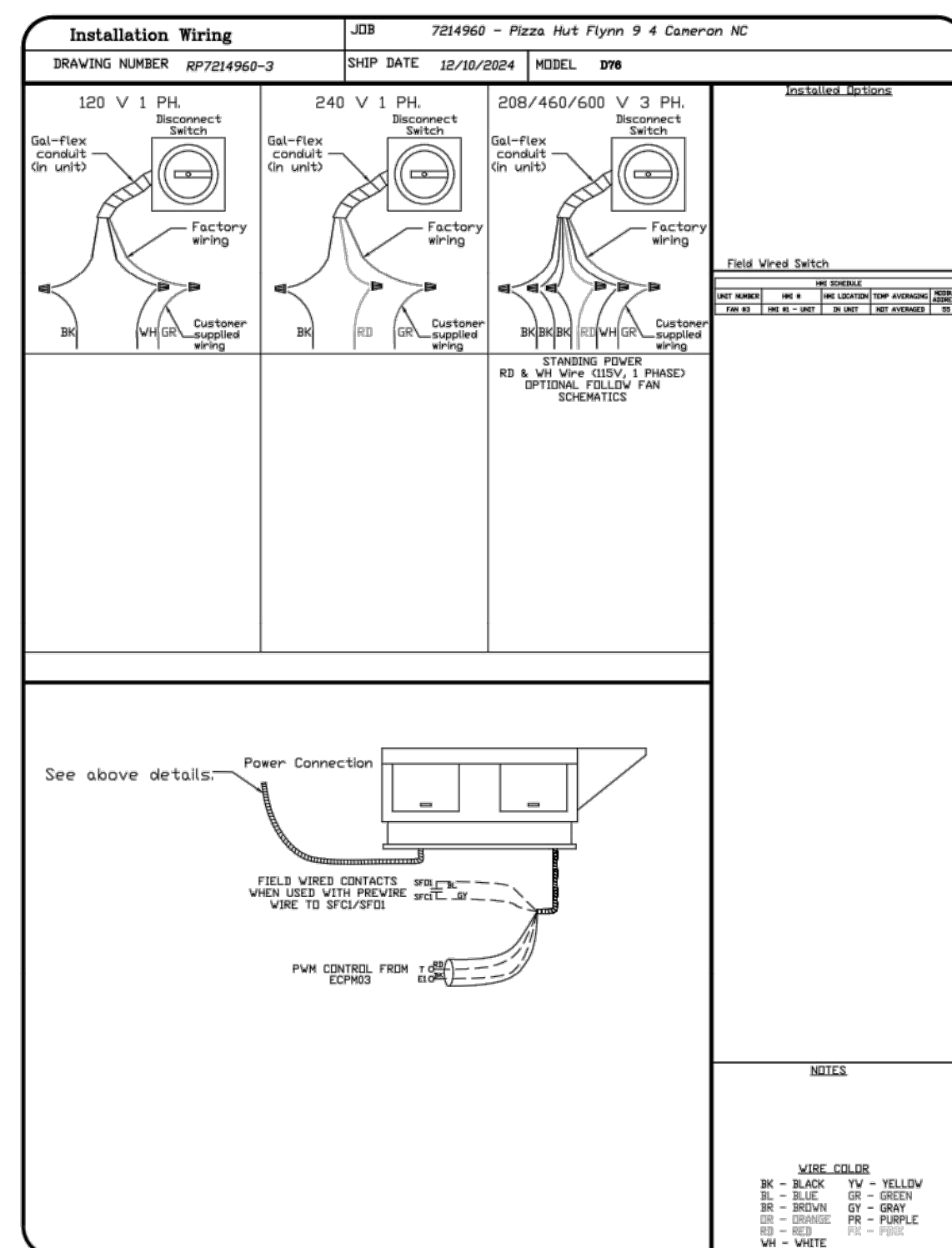
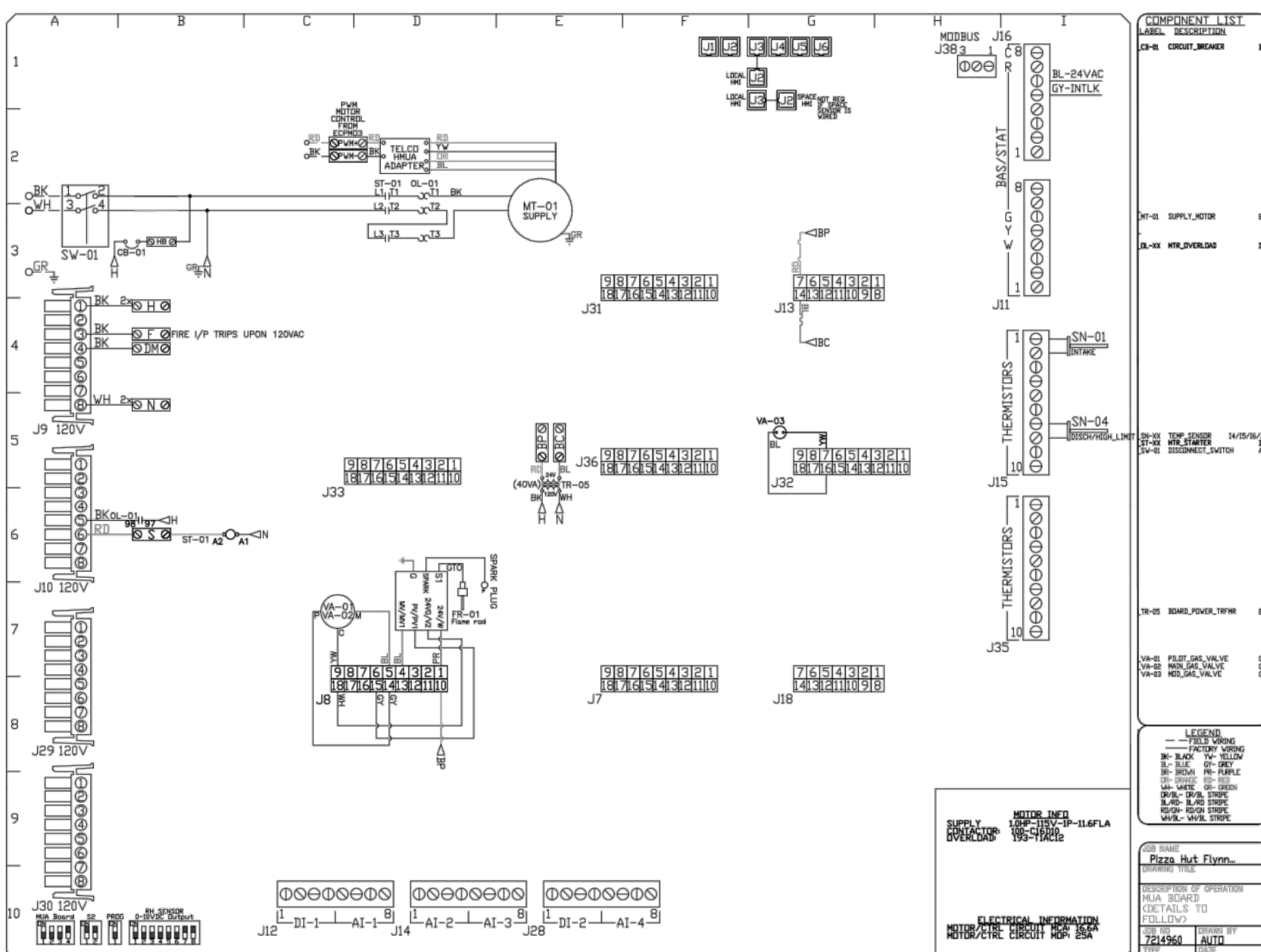
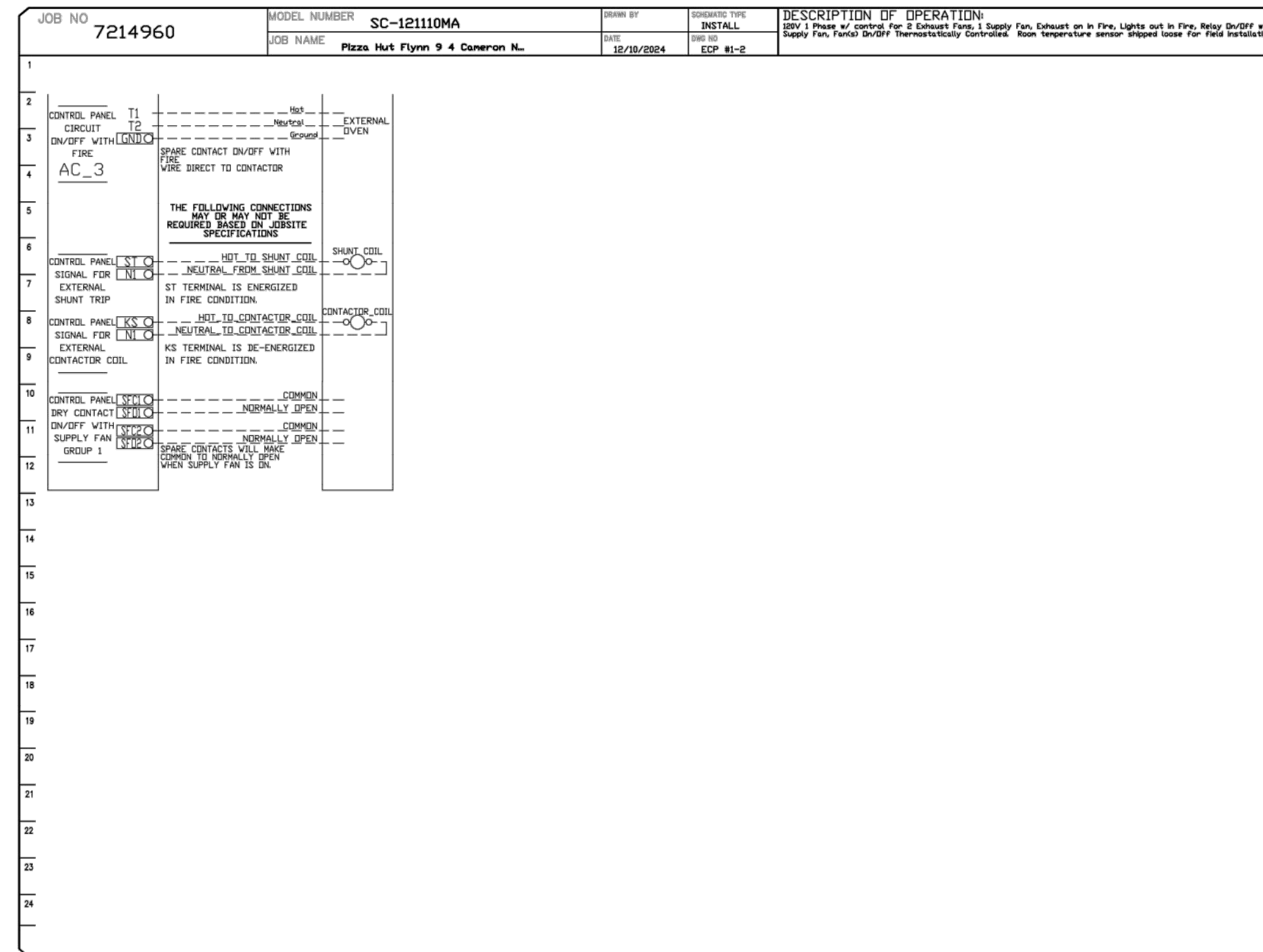
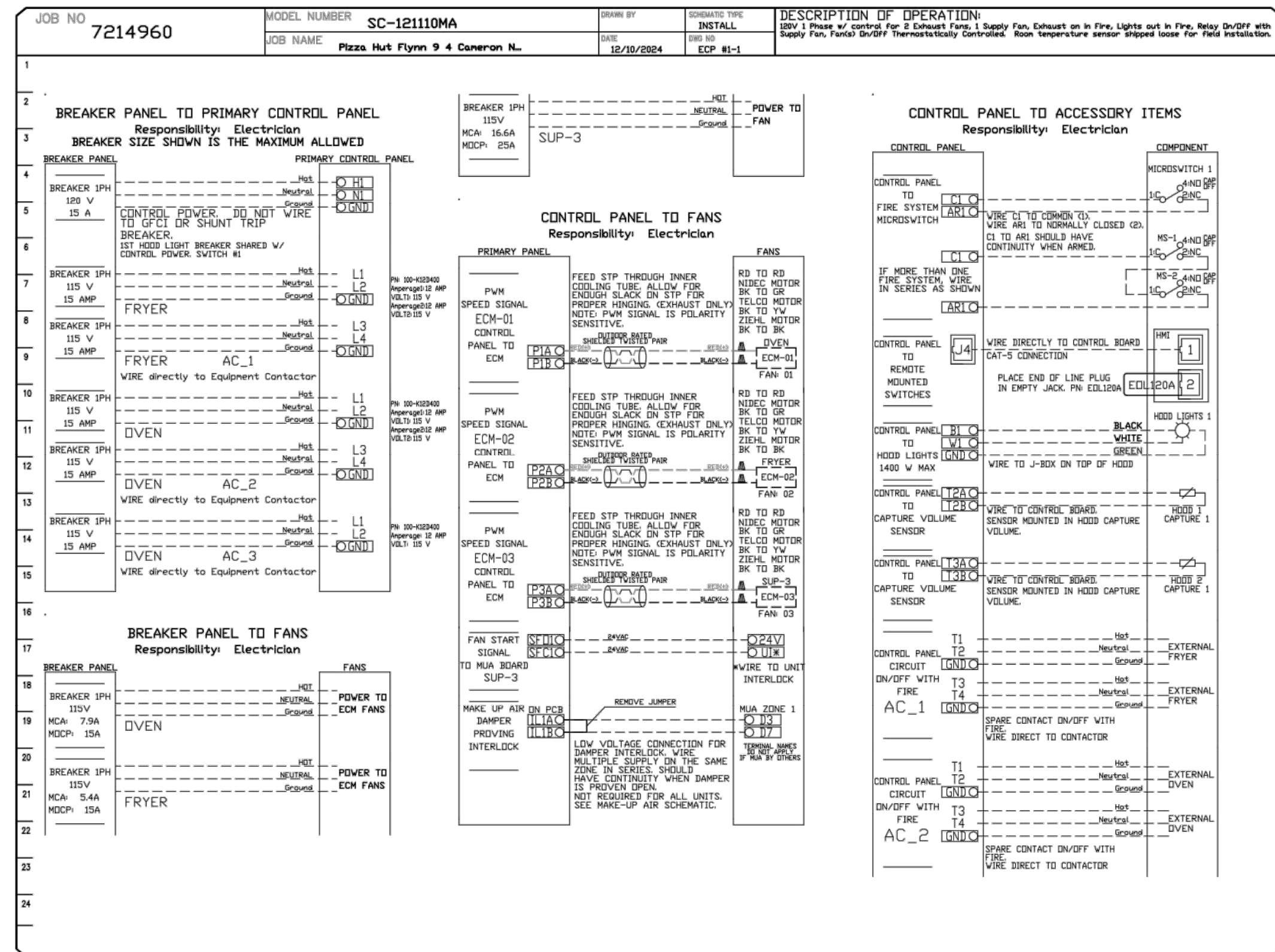
REVISIONS:

ELECTRICAL PACKAGE - JOB#7214960

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED					
				LOCATION	QUANTITY		FAN TAG	TYPE	#	HP	VOLT	FLA
1		SC-121110MA	WALL MOUNT IN SS BOX	SHIP LOOSE W/ PREWIRE	1 LIGHT 1 FAN	SMART CONTROLS THERMOSTATIC CONTROL W/ RELAY ON/OFF WITH SUPPLY	OVEN	EXHAUST	1	0.500	115	6.3
							FRYER	EXHAUST	1	0.333	115	4.3
								SUPPLY	1	1.000	115	11.6

HOOD CONTROL PANEL OWNER
FURNISHED AND INSTALLED BY THE
CONTRACTOR

CIRCUIT BREAKER SIZES SHOWN IN THE
HOOD CONTROL DIAGRAM IS FOR
REFERENCE ONLY. REFER TO
PANELBOARD SCHEDULES ON SHEET E1
FOR ADDITIONAL INFORMATION.



REVISIONS

NO.	DESCRIPTION	DATE
1		
2		
3		
4		
5		

DATE: 12/10/2024
DWG.#: 7214960
DRAWN BY: DJL-45
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO.
3

CAPTIVE WIRE

Dallas Office
1901 Royal Lane Suite 101, DALLAS, TX, 75229 PHONE: (214) 220-3989 FAX: 2142200099 EMAIL: regis@captivewire.com

DATE: 02/17/25
JOB NO: 2597
DRAWN: GG,TF,TW
CHECKED: AR,CF
ACG F: 2420408

HOOD CONTROL DRAWINGS

PIZZA HUT
FRANCHISEE

HUT CAROLINAS LLC
6200 OAK TREE BLVD
STE 250
INDEPENDENCE, OH 44131

PIZZA HUT #2597
185 MITTIE HADDOCK DRIVE
CAMERON, NORTH CAROLINA

FOR REFERENCE ONLY

SHEET NUMBER
E5

NOTE: PLUMBING FIXTURES ON THIS PLUMBING SCHEDULE SHALL BE FURNISHED BY OWNER AND INSTALLED BY PLUMBING CONTRACTOR, EXCEPT WHERE NOTED SUPPLIED BY PLUMBING CONTRACTOR. NOTIFY OWNER IMMEDIATELY IF QUANTITIES SHOWN ARE INACCURATE OR IF CODES REQUIRE ADDITIONAL PLUMBING FIXTURES. PLUMBING CONTRACTOR SHALL FURNISH EVERYTHING NECESSARY FOR A COMPLETE INSTALLATION OF THESE PLUMBING FIXTURES.

PLUMBING FIXTURE	BY PLUMBING CONTRACTOR		FIXTURE	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	TEMP'D WATER	DESCRIPTION	MANUFACTURER / MODEL NUMBER
	SUPPLY	INSTALL								
BFP-1	●	●	REDUCED PRESSURE BACKFLOW PREVENTER	--	--	1"	--	--	REDUCED PRESSURE ASSEMBLY WITH STRAINER. PIPE VENT DISCHARGE DRAIN LINE TO NEAREST DRAIN WITH PROPER AIR GAP. ASSE 1013 APPROVED.	WATTS SERIES LF919-QT
DW-1		●	DISHWASHER	INDIRECT	--	--	1/2"	--	SINGLE RACK, IN-LINE, LOW EVERGY DISHWASHER. HOT WATER INLET - 1/2" NPT FEMALE. 45 GALLONS PER HOUR @ 140°F, 7 GPM (RECOMMENDED WATER TEMPERATURE). THIS UNIT DOES NOT PRODUCE STEAM OR HEAT.	AUTO CHLOR / MODEL: #A4 WATER SAVER
ECO	●	●	EXTERIOR CLEANOUT	--	--	--	--	--	CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING. ROUND SCORIATED HEAVY CAST IRON COVER.	ZURN / MODEL: #Z1400
ET-1		●	EXPANSION TANK	--	--	3/4"	--	--	EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, MAX. TEMP. 200° F, 4.5 GALLON CAPACITY.	WATTS SERIES PLT-12-M1
FCO	●	●	FLOOR CLEANOUT	--	--	--	--	--	CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING. ROUND SCORIATED HEAVY CAST IRON COVER.	ZURN / MODEL: #Z1400
FD	●	●	FLOOR DRAIN (3")	3"	2"	--	--	--	COATED CAST IRON FLOOR DRAIN WITH FLANGE, INTEGRAL CLAMPING COLLAR, BOTTOM OUTLET AND ADJUSTABLE NICKEL-BRONZE ROUND STRAINER.	ZURN / MODEL: #ZN-415-3-6H
FS	●	●	FLOOR SINK	4"	2"	--	--	--	PVC 1 1/2" SQUARE FLOOR SINK, 8" DEEP WITH ALUMINUM OR PVC DOME STRAINER AND LOOSE SET PVC SLOTTED TOP HALF GRATE.	ZURN / MODEL: #FD-2370-PV4-DS-H
GI-2	●	●	GREASE INTERCEPTOR	4"	3"	--	--	--	75 GPM, 616 LB., EXTERIOR - RECESSED TYPE GREASE INTERCEPTOR, HIGH DENSITY POLYETHYLENE, FLUSH WITH FLOOR TYPE, INTERNAL AIR RELIEF, FIELD ADJUSTABLE RISER SYSTEM, BUILT-IN FLOW CONTROL, WITH BOLTED WATER/GAS TIGHT SEAL AND MINIMUM 16,000 LBS LOAD CAPACITY. PROVIDE WITH SCHIER H-20 CAST IRON COVER.	SCHIER / MODEL: #GB-75
GPR	●	●	GAS PRESSURE REGULATOR	--	--	--	--	--	DIRECT-OPERATED TYPE WITH CAST IRON BODY AND WEATHER COATING AND OVERPRESSURE PROTECTION. AGA CERTIFIED TO REDUCE INLET PROPANE PRESSURE DOWN TO 11"-14" W.C. POST REGULATOR, PROVIDE SPRING AND ORIFICE TO MATCH REQUIRED FLOW. INSTALL PER MANUFACTURERS REQUIREMENTS.	FISHER
LV		●	LAVATORY	1-1/2"	1-1/2"	1/2"	--	1/2"	WHITE VITREOUS CHINA, WALL MOUNTED WITH HANGERS, OVERFLOW, ADA COMPLIANT, DRILLED FOR CONCEALED ARM CARRIER, 4" CENTERS, 21-1/4"x18-1/8" WITH SINGLE LEVER TYPE FAUCET, ADA COMPLIANT. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL ADA COMPLIANT PREMANUFACTURED INSULATING JACKET ON DRAIN AND WATER LINES BELOW SINK. LAVATORY IS SUPPLIED WITH CONCEALED ARM CARRIER. SEE DETAIL, 11/P4 FOR LAV CARRIER DETAIL.	KOHLER 'KINGSTON' / MODEL: #K-2005 WITH T&S #B-2460 LAVATORY FAUCET
MV	●	●	MIXING VALVE	--	--	1/2"	1/2"	1/2"	THERMOSTATIC MIXING VALVE, SOLID BRASS BODY, INTEGRAL CHECKS WITH SCREENS. ASSE 1070 LISTED. SET MIXING VALVE AT OUTPUT AT 110° F.	POWERS / MODEL: #e480-00
RP	●	●	RECIRCULATION PUMP	--	--	--	--	--	HOT WATER RECIRCULATION PUMP WITH AQUA-STAT, CAPABLE OF 10 GPM AT 10 FEET HEAD.	GRUNDFOS / MODEL #UPS 15-55 SFC
S1		●	3-COMP. SINK	INDIRECT	--	1/2"	1/2"	--	3 COMPARTMENT SINK, FAUCET W/ HANDLES AND DRAIN.	AERO MANUFACTURING CO.
S3		●	HAND SINK W/ KNEE PEDAL	1-1/2"	1-1/2"	--	--	1/2"	STAINLESS STEEL HAND SINK, WALL HUNG. INCLUDES A 6" GOOSENECK STAINLESS STEEL FAUCET W/ KNEE PEDAL VALVE.	AERO MANUFACTURING CO. / MODEL: #HSK-SKV
S5		●	MOP SINK	3"	2"	1/2"	1/2"	--	MOP BASIN MOLDED FROM HIGH DENSITY STRUCTURAL FIBERGLASS WITH INTEGRALLY MOLDED MOP SHELF, 24"x36"x10" DEEP AND FAUCET. FAUCET INCLUDES VACUUM BREAKER.	ZURN / MODEL: #Z1996-36 AND T&S FAUCET #B2465
WC		●	WATER CLOSET	4"	2"	1/2"	--	--	WHITE VITREOUS CHINA, CHROME RIGHT HAND TRIP LEVER, ELONGATED BOWL, HIGH EFFICIENCY TOILET (HET) ULTRA-LOW CONSUMPTION (4.8 LPF/1.28 GPF) WITH BEMIS COMMERCIAL HEAVY-DUTY PLASTIC TOILET SEAT #1955CT.	AMERICAN STANDARD 'CADET PRO RIGHT HEIGHT' TANK MODEL #4188A, 105 RIGHT HAND TRIP LEVER, BOWL MODEL #3517A, 101 WITH BEMIS COMMERCIAL TOILET SEAT MODEL #1955CT
WCO	●	●	WALL CLEANOUT	--	--	--	--	--	CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS PLUG, WITH STAINLESS STEEL ACCESS COVER.	ZURN / MODEL: #Z-1446-BP
WH-1		●	WATER HEATER	--	--	1"	1"	--	ULTRA HIGH EFFICIENCY WATER HEATER, 60 GALLON STORAGE TANK WITH VITRAGLAS LINING, 125,000 BTU INPUT, PROPANE, DIRECT VENT, TEMPERATURE AND PRESSURE RELIEF VALVE, INSULATED FOR ENERGY CONSERVATION TO MEET FEDERAL STANDARDS. PROVIDE WITH CONCENTRIC VENT TERMINATION KIT P/N 239-44069-01.	BRADFORD WHITE / MODEL: #EF-60T-125-3X

FIXTURE	COPPER SIZE		PEX SIZE	
	HW	CW	HW	CW
LAVATORY	1/2"	1/2"	1/2"	1/2"
WATER CLOSET	---	1/2"	---	3/4"
3-COMPARTMENT SINK	1/2"	1/2"	3/4"	3/4"
VEGGIE SINK	1/2"	1/2"	3/4"	3/4"
MOP SINK	1/2"	1/2"	3/4"	3/4"
HANDSINK	1/2"	1/2"	1/2"	1/2"
CLEANING SUPPLY	1/2"	---	1/2"	---
DISPENSING SYSTEM	1/2"	---	1/2"	---
DISHWASHER	1/2"	---	3/4"	---

WATER DISTRIBUTION PIPE SIZES INDICATED ON DRAWINGS ARE COPPER SIZES. REFER TO THE CHART ABOVE FOR EQUIVALENT SIZES FOR PEX-AB.

COPPER TUBE SIZE	ID	PEX-A		PEX-B	
		SIZE	ID	SIZE	ID
3/8"	0.375	1/2"	0.475	1/2"	0.485
1/2"	0.500	3/4"	0.671	3/4"	0.681
3/4"	0.750	1"	0.862	1"	0.875
1"	1.000	1-1/4"	1.054	1-1/4"	1.054
1-1/4"	1.265	1-1/2"	1.244	1-1/2"	1.249
1-1/2"	1.505	2"	1.629	2"	1.629
2"	1.985				

IF ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION PEX-A OR PEX-B MAY BE USED IN LIEU OF COPPER FOR THE DISTRIBUTION OF WATER.

PIPING SIZE CHARTS NTS 5

SYMBOLS	ABBREV.	DESCRIPTION
XX-X		PLUMBING ITEM DESIGNATION
X		KITCHEN EQUIPMENT NUMBER: REFER TO KITCHEN EQUIPMENT DRAWINGS FOR DESCRIPTION.
C		CONDENSATE DRAIN
CW		COLD WATER
HW		HOT WATER
HWR		HOT WATER RECIRCULATION
G		GAS / GAS STUB
GW		SOIL OR WASTE (GREASE WASTE)
SW		SOIL OR WASTE (SANITARY)
V		VENT LINE
FD		FLOOR DRAIN
FS		FLOOR SINK
FC		FLOOR CLEANOUT
W		WALL CLEANOUT
VTR		VENT THRU ROOF
SC		SHUT-OFF GAS COCK
SOS		FIRE SUPPRESSION SYSTEM SOLENOID GAS SHUT-OFF

SYSTEM SERVED	MATERIAL	FITTINGS & JOINTS
DOMESTIC WATER BELOW FLOOR OR GRADE	TYPE K SOFT COPPER	NONE PERMITTED
DOMESTIC WATER ABOVE FLOOR OR GRADE	TYPE L HARD DRAWN COPPER	WROUGHT COPPER, SOLDERED
WASTE & VENT	PVC-DWV, ASTM D-2665	HUB WITH PVC CEMENT
GAS	SCHEDULE 40 BLACK STEEL	MALLEABLE IRON, SCREWED OR WELDED

PLUMBING SCHEDULE NTS 4

MATERIAL SCHEDULE NTS 3

SYMBOLS LEGEND NTS 2

- THE WORK UNDER PLUMBING SECTION SHALL INCLUDE ALL LABOR, SERVICES, MATERIALS, EQUIPMENT, AND PERFORMANCE OF ALL WORK REQUIRED FOR THE INSTALLATION OF ALL PLUMBING WORK, AS SHOWN ON THE DRAWINGS AND HEREIN SPECIFIED.
- ALL MATERIALS SHALL BE NEW AND SHALL MEET REQUIREMENTS OF ASTM SPECIFICATIONS AND SHALL BE APPROVED BY LOCAL CODES.
- PROVIDE ENGINEER WITH SUBMITTALS ON ALL MATERIALS TO BE FURNISHED AS SPECIFIED, OR AS AN EQUAL. EQUIPMENT SUBMITTALS SHALL BE APPROVED BY ENGINEER BEFORE CONSTRUCTION CAN BEGIN.
- SHOULD THERE BE ANY DISCREPANCIES OR A QUESTION OF INTENT, REFER THE MATTER TO THE ENGINEER FOR A DECISION BEFORE ORDERING ANY EQUIPMENT OR MATERIALS, OR BEFORE STARTING ANY RELATED WORK.
- WHERE WORK CONNECTS TO THAT OF ANOTHER TRADE OR TO PIPING OR EQUIPMENT IN PLACE, FIELD MEASUREMENTS SHALL BE MADE TO MAKE CONNECTING WORK COME TRUE AND LINE UP WITH THE ITEM BEING CONNECTED.
- WHERE WORK OF OTHER TRADES CONNECTS TO EQUIPMENT WHICH IS A PART OF THIS TRADE, PROVIDE PROPER CONNECTION(S) TO SUCH EQUIPMENT.
- MINOR ITEMS AND ACCESSORIES OR DEVICES REASONABLY INFERRED AS NECESSARY TO THE COMPLETE AND PROPER INSTALLATION AND OPERATION OF ANY SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR FOR SUCH SYSTEM. WHETHER OR NOT THEY ARE SPECIFICALLY CALLED FOR BY THE SPECIFICATIONS OR DRAWINGS.
- CAREFULLY CHECK AND COORDINATE THE LOCATION AND LEVEL OF ALL PIPES, DUCTS, ETC. RUN PRELIMINARY LEVELS AND CHECK WITH ALL OTHER CONTRACTORS SO THAT CONFLICTS IN ALL LOCATIONS MAY BE AVOIDED.
- ALL WORK SHALL BE EXECUTED AND INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF ALL FEDERAL, STATE, AND LOCAL CODES, LAWS, ORDINANCES, RULES, AND REGULATIONS, AND OSHA REQUIREMENTS APPLICABLE TO THE PARTICULAR CLASS OF WORK.
- THIS CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER CONTRACTORS ON THE JOB IN ORDER THAT THERE BE NO DELAY IN THE PROPER INSTALLATION AND COMPLETION OF SEVERAL PARTS OF THE WORK. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF HIS WORK WITH THE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND ALL OTHER TRADES ON THE JOB, AND SHALL FIT HIS WORK TO AVOID INTERFERENCE. ANY RELOCATIONS OF DUCTWORK, EQUIPMENT, PIPING, VALVES, ETC. REQUIRED BECAUSE OF AN INTERFERENCE SHALL BE MADE AT THIS CONTRACTOR'S EXPENSE WITHOUT ADDITIONAL COST TO THE OWNER.
- ALL PIPE, TUBE, AND FITTINGS SHALL COMPLY WITH LATEST ISSUED CODE AND STANDARDS, UNLESS INDICATED OTHERWISE BY LOCAL CODES.
- WELDING PROCEDURES, WELDERS, AND OPERATORS SHOULD BE CERTIFIED IN ACCORDANCE WITH ASME B3.1 OR ASME B31.9, AS APPLICABLE, FOR SHOP AND PROJECT SITE WELDING OF PIPE WORK.
- CERTIFY WELDING OF PIPING WORK USING STANDARD PROCEDURE SPECIFICATIONS BY, AND WELDERS TESTED UNDER SUPERVISION OF, NATIONAL CERTIFIED PIPE WELDING BUREAU (NCPWB) SUPERVISION.
- COPPER TUBE AND FITTINGS
 - COPPER TUBE: ASTM B88 TYPE "L", AS INDICATED, FOR EACH SERVICE; HARD-DRAWN OR SOFT-DRAWN TEMPER, AS INDICATED, EXCEPT AS OTHERWISE INDICATED.
 - CAST COPPER SOLDER JOINT FITTINGS: ANSI B16.18 (ACID FREE).
 - WROUGHT COPPER SOLDER JOINT FITTINGS: ANSI B16.22 (ACID FREE).
- BRASS PIPE FITTINGS
 - RED BRASS PIPE: ASTM B43 IN REGULAR WEIGHT.
 - CAST BRONZE THREADED FITTINGS: ANSI B16.15, CLASS 150, OR 250, AS REQUIRED.
 - CAST BRONZE THREADLESS FITTINGS: ASTM B61.
- CAST IRON SOIL PIPE
 - HUBLESS CAST IRON SOIL PIPE: ASTM A-888 (ABOVE GRADE).
 - CAST IRON HUB AND SPIGOT SOIL PIPE: ASTM A74, SERVICE WEIGHT.
 - HUBLESS CAST IRON SOIL PIPE FITTINGS: NEOPRENE GASKET COMPLYING WITH ASTM C564 AND STAINLESS STEEL CLAMP HOLDING BAND (ABOVE GRADE).
 - CAST IRON HUB AND SPIGOT SOIL PIPE FITTINGS: MATCH SOIL PIPE UNITS, COMPLY WITH SAME STANDARDS (ASTM A74).
 - COMPRESSION GASKETS: ASTM C564.
- PLASTIC PIPES AND PIPE FITTINGS
 - POLYVINYL CHLORIDE PIPE (PVC): ASTM D1785, IN SCHEDULE WEIGHT, AS INDICATED ON DRAWINGS.
 - POLYVINYL CHLORIDE WATER PIPE (PVC): AWWA C900 IN
 - POLYVINYL CHLORIDE SEWER PIPE (PVC): ASTM D2729.
 - POLYVINYL CHLORIDE DRAIN, WASTE, AND VENT PIPE (PVC-DWV): ASTM D2665.
 - POLYVINYL CHLORIDE PIPE PSM SEWER PIPE: ASTM D3034.
 - PVC FITTINGS
 - SCHEDULE 40 SOCKET: ASTM D2466
 - SCHEDULE 80 SOCKET: ASTM D2467
 - SCHEDULE 80 THREADED: ASTM D2464
 - DWV SOCKET: ASTM D2665
 - SEWER SOCKET: ASTM D2729
 - SOLVENT CEMENT: ASTM D2564
 - SOLVENT CEMENT (TO JOIN PVC TO ABS): ASTM D3138
- GENERAL CONTRACTOR WILL PROVIDE OPENINGS IN ROOF, FLOORS, AND EXTERIOR WALLS FOR PLUMBING EQUIPMENT AND PIPE PENETRATIONS.
- INSULATE ALL COLD WATER AND HOT WATER PIPING ABOVE FLOOR SLAB WITH ONE INCH (1") THICK R4 FIBERGLASS INSULATION WITH VAPOR BARRIER AND ALL SERVICE JACKET. SEAL ALL JOINTS WITH SEALING LAP.
- PLUMBING FIXTURES AND SUPPORTS
 - FURNISH PLUMBING FIXTURES AS INDICATED BY PLANS AND SCHEDULES ON THE DRAWINGS, AND AS SPECIFIED HEREIN, WITH ALL HOT AND COLD WATER SUPPLIES, WASTE AND VENT CONNECTIONS, ALL FITTINGS, SUPPORTS, FAUCETS, VALVES, AND TRAPS AS REQUIRED.
 - FURNISH ALL EXPOSED METAL WORK ON OR AROUND FIXTURES WITH BEST QUALITY CHROME PLATED BRASS, UNLESS SPECIFIED OTHERWISE.
 - BRASS NIPPLES FROM WALL TO STOPS.
 - FURNISH TRAPS FOR ALL FIXTURES EXCEPT THOSE WITH INTEGRAL TRAPS. PLUMBING FIXTURES AS MANUFACTURED BY THE KOHLER COMPANY ARE SPECIFIED, BUT ELIER, CRANE, OR AMERICAN-STANDARD MAY BE USED IF THEY ARE CONSIDERED BY THE DESIGN PROFESSIONAL TO BE EQUIVALENT TO THOSE SPECIFIED.
- MEET LANDLORD'S TENANT CRITERIA WITH REGARD TO CONSTRUCTION FEATURES AND SPECIAL REQUIREMENTS, ETC. VERIFY WHEN AND HOW WORK MAY BE PERFORMED IN OTHER SPACES, WHERE REQUIRED.
- EXISTING PIPING SHOWN ON THE DRAWINGS HAS BEEN LOCATED FROM INFORMATION PROVIDED BY OTHERS. FIELD VERIFY EXACT LOCATIONS AND COORDINATE WITH LANDLORD'S FIELD REPRESENTATIVE.
- COMPLY WITH LOCAL HEALTH DEPARTMENT REGULATIONS. SEAL ALL PIPES NEATLY WITH GROUT AT WALL, FLOOR, OR CEILING PENETRATIONS, OMIT INSULATION ON EXPOSED PIPING BEHIND AND UNDER EQUIPMENT. PROVIDE CLEARANCE FOR CLEANING BEHIND AND UNDER EXPOSED PIPING AS REQUIRED BY HEALTH DEPARTMENT. WHERE POSSIBLE, INSTALL ALL PIPING CONCEALED. CONFORM TO HEALTH DEPARTMENT REQUIREMENTS FOR FLOOR SINKS.
- SOIL AND WASTE PIPE SHALL SLOPE 2% MINIMUM, UNLESS OTHERWISE NOTED OR REQUIRED BY CODE.
- ALL DRAIN, WATER & GAS LINES SHALL BE KEPT TIGHT TO THE UNDERSIDE OF EQUIPMENT & SECURED IN PLACE.
- CONTRACTOR TO PROVIDE TRAP PRIMER TO ALL FLOOR DRAINS.
- ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE PLUMBING CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND THE OWNERS REPRESENTATIVE PRIOR TO ANY INSTALLATION.
- ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- ALL PLUMBING FIXTURE VENTS SHALL TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM ANY OUTSIDE AIR INTAKE.
- PLUMBING CONTRACTOR SHALL PROVIDE GAS PIPING TO UNITS AND ALL FINAL CONNECTIONS REQUIRED FOR OPERATION.
- INSTALL SHUT-OFF VALVES ON ALL HOT & COLD WATER LINES TO FIXTURE OR APPLIANCE. ALL EXPOSED WATER AND WASTE LINES TO BE CHROME PLATED.
- PLUMBING CONTRACTOR TO PROVIDE A LEVER HANDLE GAS SHUT-OFF VALVE IN THE BRANCH PIPING OF EACH APPLIANCE OR PIECE OF EQUIPMENT. FOR EACH APPLIANCE INSTALL QUICK DISCONNECT, FLEXIBLE PIPE WHEN ALLOWED BY CODE AND RESTRAINING DEVICE FURNISHED BY OWNER. PLUMBING CONTRACTOR TO PROVIDE PRESSURE REDUCING VALVES AT EACH PIECE OF EQUIPMENT OR APPLIANCE. IF GAS PRESSURE GREATER THAN 12" WC IS USED DOWNSTREAM FROM THE GAS METER / REGULATOR.
- ALL VALVES, UNIONS, ETC. SHALL BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.
- REFER TO KITCHEN EQUIPMENT DRAWINGS FOR ADDITIONAL WORK TO BE FURNISHED AND INSTALLED BY PLUMBING CONTRACTOR. ALL ROUGH-IN PLUMBING AND FINAL CONNECTIONS TO KITCHEN EQUIPMENT SHALL BE MADE BY THE PLUMBING CONTRACTOR.
- REFER TO MECHANICAL SHEETS FOR HVAC AND HOOD PLUMBING REQUIREMENTS.
- ALL GAS LINES SHALL BE SUPPORTED IN ACCORDANCE WITH ZONE 3 SEISMIC BRACING REQUIREMENTS.
- ALL FLOOR SINKS AND FLOOR DRAINS IN TRAFFIC AREAS SHALL BE INSTALLED FLUSH TO FLOOR SURFACE.
- WATER HAMMER ARRESTOR SHALL BE INSTALLED AT ALL WATER LINES, PER LOCAL CODE REQUIREMENTS.
- PROVIDE AIR GAPS FOR INDIRECT DRAINS AS REQUIRED BY CODE. THE AIR GAP SHALL BE A MINIMUM 2 TIMES THE DIAMETER OF THE INDIRECT DRAIN.
- PRIOR TO COMMENCING WORK ON THIS PROJECT, PLUMBING CONTRACTOR SHALL VERIFY DEPTH, SIZE, LOCATION AND CONDITION OF ALL EXISTING UTILITIES IN FIELD. SHOULD CONDITIONS EXIST OTHER THAN THOSE INDICATED WHICH WOULD CAUSE THE DESIGN TO BE ALTERED, PLUMBING CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY.
- PLUMBING CONTRACTOR SHALL INSTALL ALL BACKFLOW PROTECTION DEVICES REQUIRED BY AGENCIES HAVING JURISDICTION. BACKFLOW DEVICES REQUIRING TESTING SHALL BE INSTALLED NO HIGHER THAN 5'-0" A.F.F.
- PLUMBING CONTRACTOR SHALL PROVIDE CONDENSATE DRAIN FROM HEATING & COOLING UNITS TO APPROVED DRAIN, GAS PIPING TO UNITS AND ALL FINAL CONNECTIONS REQUIRED FOR OPERATION.
- THE OWNER OR KITCHEN EQUIPMENT SUPPLIER MAY SUBSTITUTE EQUIPMENT OR THE EQUIPMENT MAY VARY FROM WHAT IS SHOWN. THEREFORE, THE PLUMBING CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY UPON THE PLUMBING CONTRACTOR.
- PLUMBING CONTRACTOR TO PROVIDE LAVATORY CARRIER WITH CONCEALED ARM SUPPORTS, HEAVY DUTY ROUND STEEL PIPE UPRIGHTS AND WELDED FEET.

GENERAL NOTES NTS 1

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AR,CF
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ACG ff: 2420408

PLUMBING SCHEDULES

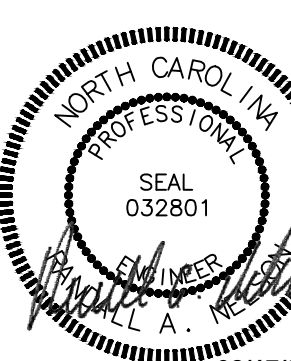
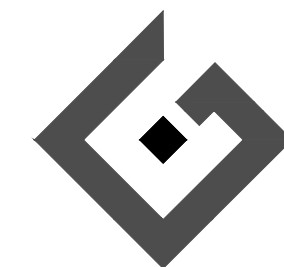


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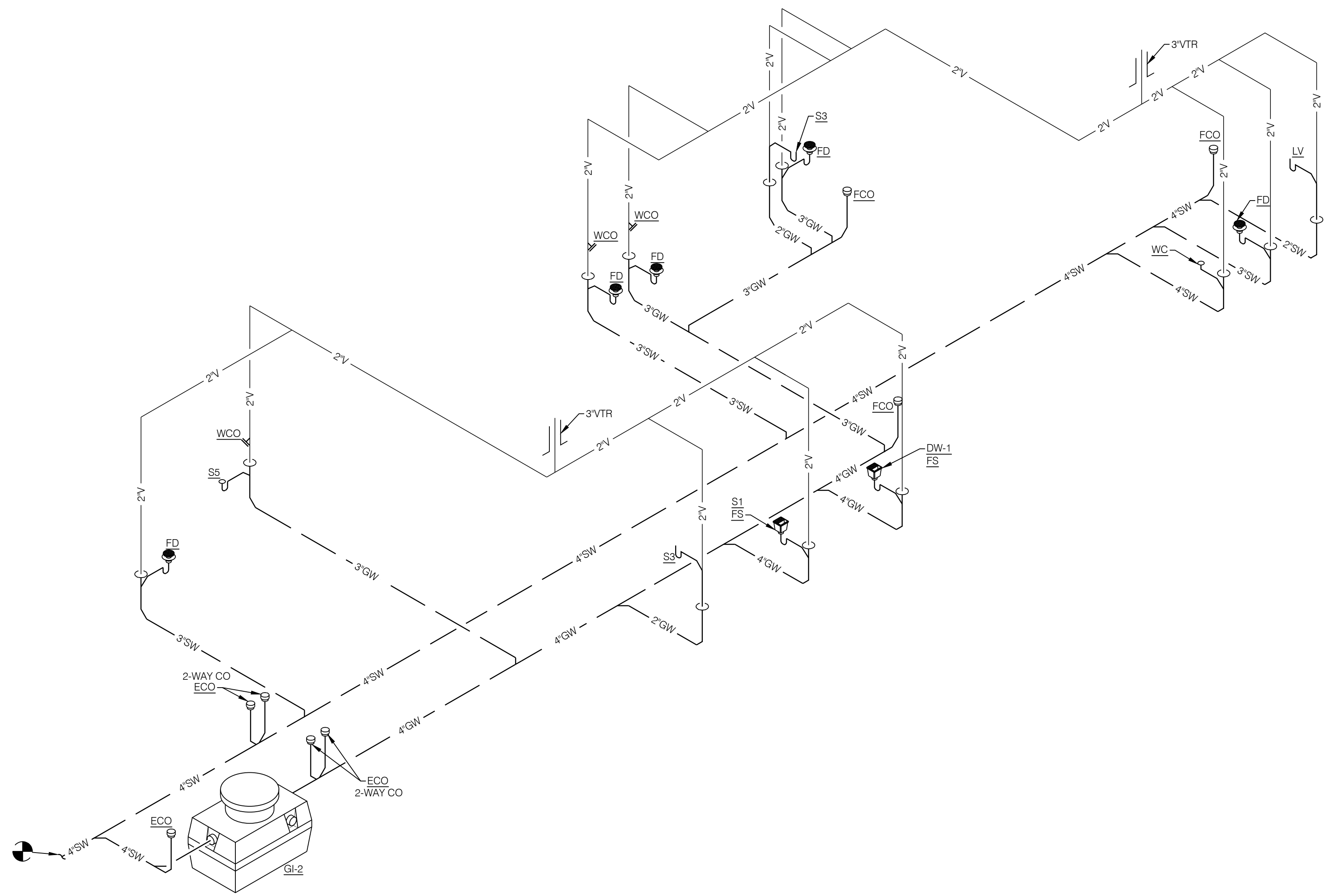


02/17/2025

SHEET NUMBER

P1

REVISIONS:



1. REFER TO SHEET P1 - PLUMBING SCHEDULE FOR LINE SIZES NOT SHOWN ON PLAN.
2. ALL VENTS, VTRS, WCOs, FCOs, ETC. MAY NOT BE SHOWN ON PLAN. REFER TO PLUMBING RISER DIAGRAM FOR VERIFICATION.

1. PROVIDE WITH TRAP PRIMER AND CONNECT TO NEAREST CW PIPING. REFER TO DETAIL 3/P4
2. VENT UP THROUGH ROOF. SEE RISER FOR ALL VENT AND PIPE SIZING. PLUMBING VENTS TO BE LOCATED A MINIMUM OF 10' FROM FRESH AIR INTAKES. INSTALL VTR AT LOCATIONS AS SHOWN ON MECHANICAL ROOF PLAN AND PLUMBING RISER DIAGRAM. ALL OTHER VENTS GO TO VENT LINE AS SHOWN. FIELD COORDINATE FINAL LOCATIONS.
3. ROUTE 2" WASTE LINE FROM 3-COMPARTMENT SINK TO FLOOR SINK WITH INDIRECT WASTE CONNECTION. PROVIDE AIR GAP PER CODE. 4" MINIMUM REQUIRED.
4. ROUTE 2" WASTE LINE FROM DISHWASHER TO FLOOR SINK WITH INDIRECT WASTE CONNECTION. PROVIDE AIR GAP PER CODE. 4" MINIMUM REQUIRED.
5. CONNECT NEW SANITARY WASTE PIPING TO EXISTING SANITARY WASTE LINE. PLUMBING CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF THE SIZE & DEPTH OF THE EXISTING SANITARY WASTE PIPING.
6. COORDINATE EXACT LOCATION OF NEW EXTERIOR GREASE INTERCEPTOR WITH FLYNN PROJECT MANAGER.

WASTE AND VENT ISOMETRIC RISER NTS 4

GENERAL NOTES NTS 3

KEYNOTES NTS 2

GREASE INTERCEPTOR CALCULATIONS Quote: DD6A1F63
 Reference No. 77179 Project Name: Pizza Hut - Cameron, NC (2597)

Step 1: Flow rate to grease interceptor
 Fixture flow rate: (cu in / 231) = gal x 0.75 / 2 min = 2 min flow rate

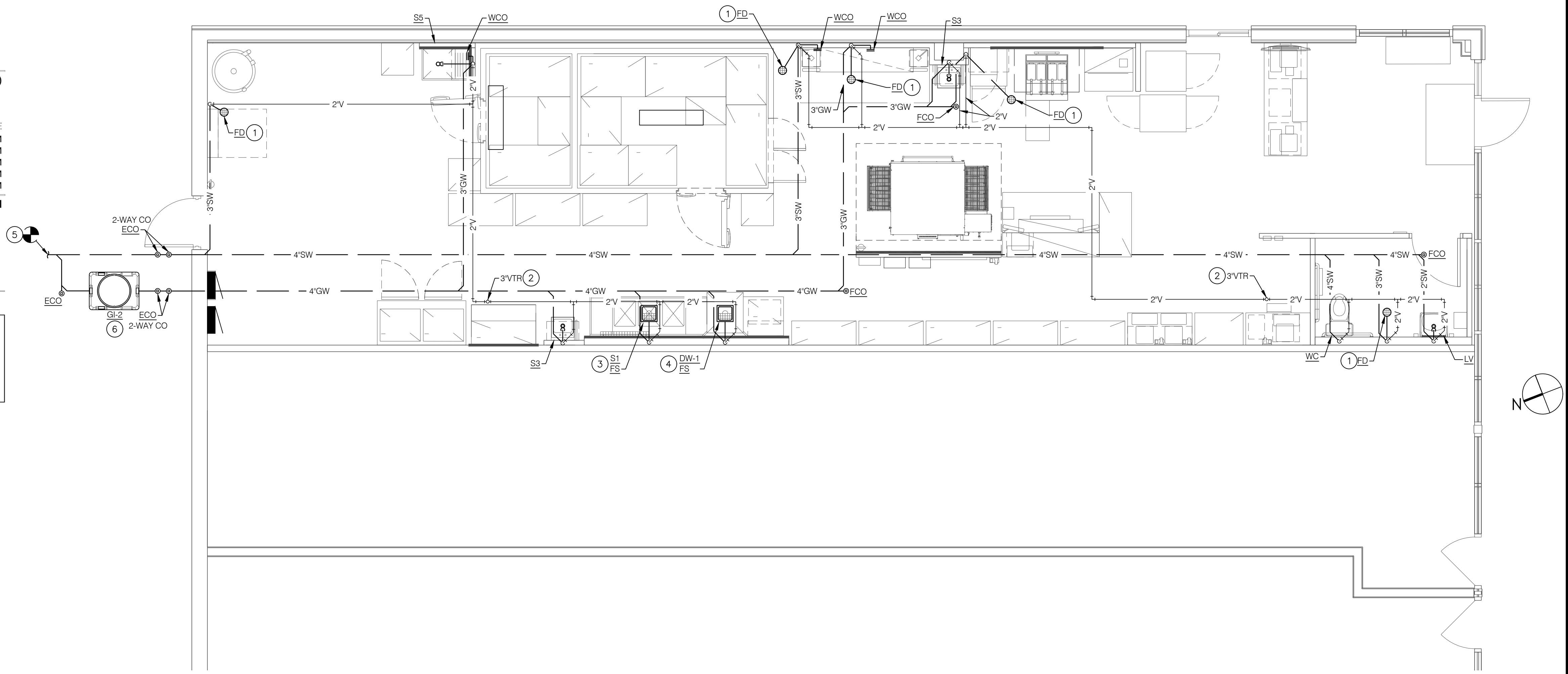
NAME	TYPE	DIMENSIONS	QTY	CU IN	FLOW RATE
3 CompPizza Hut	3 Compartment Sink	21" x 21" x 14" (3)	1	18,522	30.07 GPM
Dishwasher (Door Type)	Dishwasher (Door Type)	10 gal.	1	2,310	5 GPM
Floor Drain	Floor Drain	N/A	5	N/A	0 GPM
Hand Sink	Hand Sink	10" x 14" x 5"	2	1,400	2.28 GPM
Mop Sink	Mop Basin	24" x 24" x 10"	1	5,760	9.35 GPM
Total					46.69 GPM

Step 2: Grease Production
 Servings per day x Grease production value x Days between pump-outs = Grease output
 Servings per day: 250
 Grease production value: 0.025 lbs per serving (Pizza Carryout: Medium / No flatware)
 Days between pump-outs: 90 days
250 x 0.025 x 90 = 562.5 lbs of FOG

SCHIER MODEL	Description: GREASE INTERCEPTOR 75 GPM, 4" PLAIN/FPT CONNECTIONS, H-20 RATED PICKABLE CAST IRON COVER
GB-75	Dimensions: Length: 47", Width: 33", Height: 39.75" Flow Rate/Grease Capacity: 75 GPM / 861 lbs Liquid Capacity: 125 gal

Specification Note: This Great Basin model has been sized to the flow rate and grease production requirements of the application and may not be substituted by liquid capacity alone. Any substitution requests must be approved by the specifying engineer and the authority having jurisdiction.

Please contact support@schierproducts.com for technical and procurement support for the specified Great Basin model.



WASTE AND VENT PLAN 1/4" = 1'-0" 1

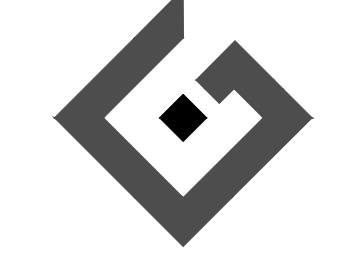
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 DRAWN: GG,TF,TW
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WASTE AND VENT PLAN

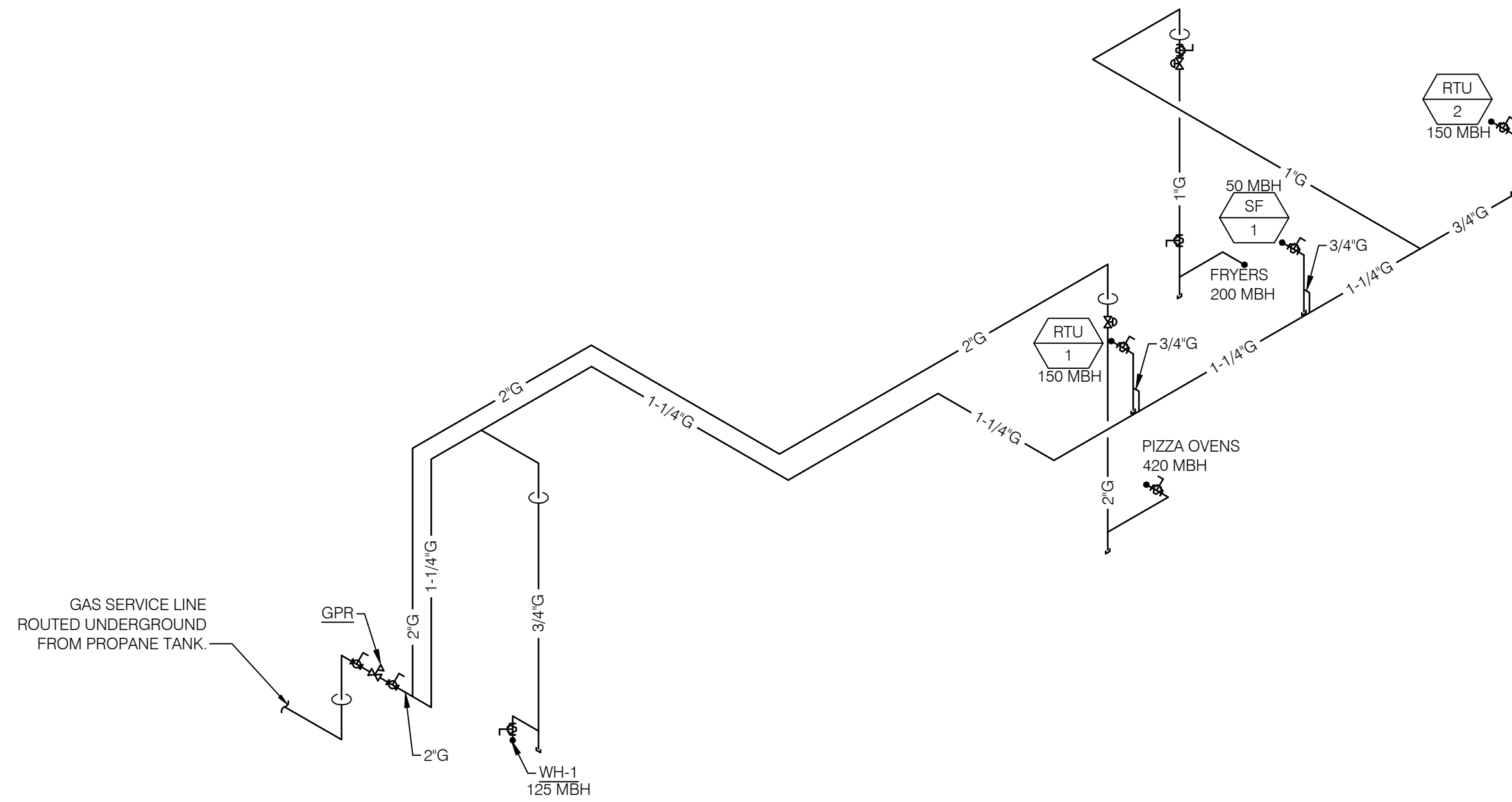


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REVISIONS:
 SHEET NUMBER
P2



GAS SERVICE DEMAND CALCULATION	
RTU 1	150 MBH
RTU 2	150 MBH
SF 1	50 MBH
WH-1	125 MBH
PIZZA OVEN (3 @ 140 MBH EACH)	420 MBH
WINGSTREET FRYERS (2 @ 100 MBH)	200 MBH
TOTAL GAS DEMAND	1095 MBH

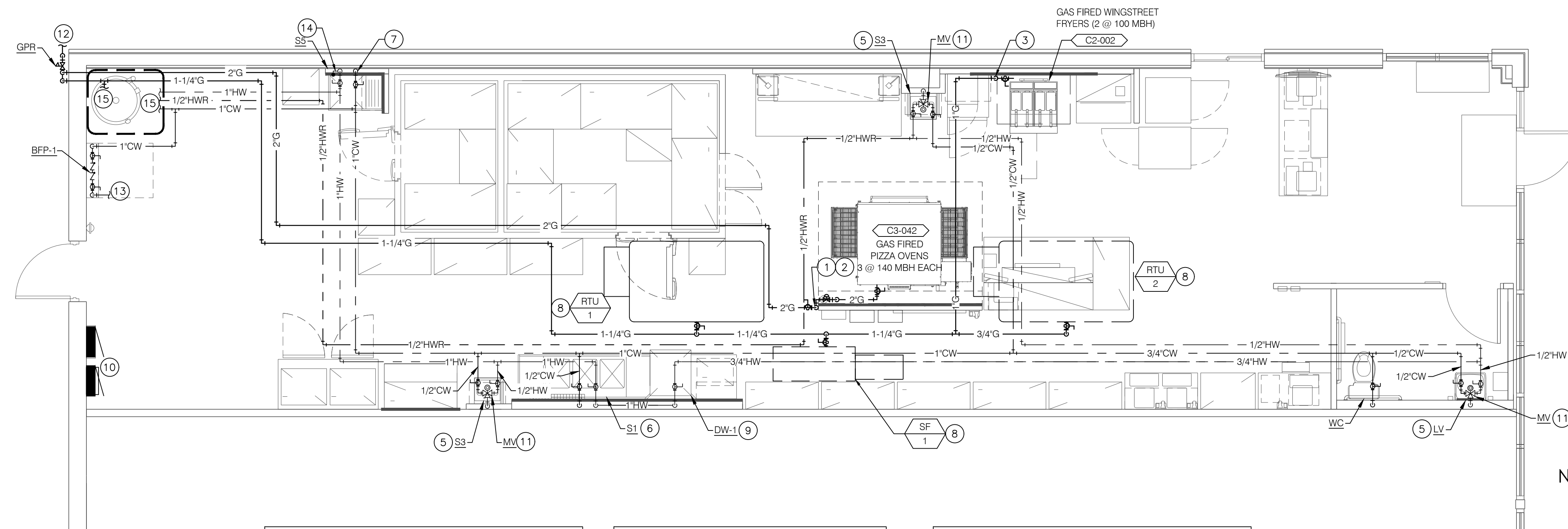
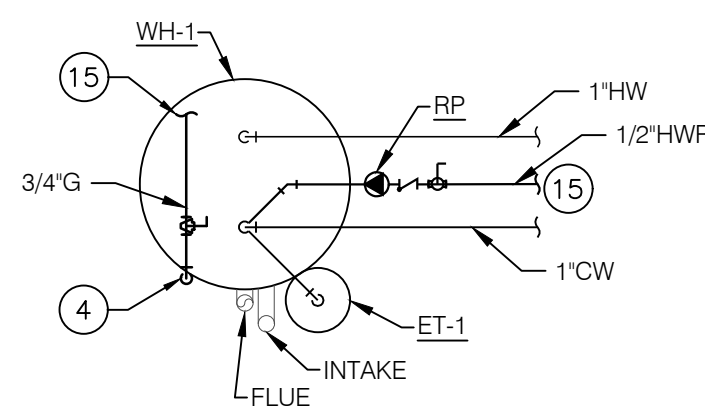
POST REGULATOR (DOWNSTREAM OF REGULATOR) PROPANE SERVICE PIPING IS BASED ON LOW PRESSURE, 11.0" W.C. WITH A 0.5" W.C. PRESSURE DROP AND SPECIFIC GRAVITY OF 1.50. PIPING FOR LOW PRESSURE SYSTEM IS BASED ON A TOTAL DEVELOPED PIPING LENGTH OF 125 FT.

IMPORTANT NOTE:
ALL GAS PIPING IN THIS PROJECT IS SIZED IN ACCORDANCE WITH THE 2018 NORTH CAROLINA FUEL GAS CODE, BASED ON THE INDICATED TOTAL DEVELOPED LENGTHS.

- 2" GAS PIPING DOWN TO PIZZA OVENS. GAS PIPING SHALL BE ROUTED DOWN END OF WALL (NOT IN WALL) AND ELBOW AROUND THE WALL TO OVEN SIDE.
- PROVIDE SOLENOID ACTUATED EMERGENCY GAS SERVICE SHUT-OFF VALVE CLOSE TO CEILING FOR CONNECTION TO THE EXHAUST HOOD SUPPRESSION SYSTEM. COORDINATE SOLENOID VALVE WITH TYPE OF ANSUL SYSTEM PROVIDED.
- ROUTE 1" GAS LINE DOWN FACE OF WALL (NOT IN WALL), AND PROVIDE SHUT-OFF VALVE AT 12" A.F.F. FOR THE GAS FRYERS. INSTALL SOLENOID ACTUATED EMERGENCY GAS SERVICE SHUT-OFF VALVE BELOW CEILING FOR CONNECTION TO THE EXHAUST HOOD SUPPRESSION SYSTEM. REFER TO DETAIL 12/P4.
- 3/4" GAS DOWN TO WATER HEATER WITH GAS COCK, DIRT LEG AND UNION. REFER TO DETAIL 9/P4.
- 1/2" HOT AND COLD WATER PIPING DOWN IN WALL TO MIXING VALVE BELOW FIXTURE.
- 1/2" HOT AND COLD WATER PIPING TO 3-COMPARTMENT SINK. PROVIDE SHUTOFF VALVES AT STUB OUTS. PROVIDE CHECK VALVE BETWEEN SHUTOFF VALVE AND FAUCET CONNECTION.
- EXTEND 1/2" COLD AND HOT WATER PIPING DOWN IN THE WALL TO THE MOP SINK.
- PROVIDE SHUT OFF VALVE, UNION AND DIRT LEG FOR CONNECTION TO HVAC UNIT.
- PROVIDE 3/4" HOT WATER PIPING CONNECTION TO DISHWASHER AT 72" AFF. CONTRACTOR SHALL INSTALL WATER HAMMER ARRESTOR (PDI SIZE A, ASSE 1010) ON SUPPLY. CONTRACTOR SHALL INSTALL VACUUM BREAKER, AND ALL ACCESSORIES PROVIDED WITH DISHWASHER, PER MANUFACTURER'S REQUIREMENTS. PROVIDE SHUTOFF VALVES AT STUB OUT.
- DO NOT ROUTE WATER LINES OVER ELECTRICAL PANELS.
- THERMOSTATIC MIXING VALVE BELOW SINK.
- PROVIDE PROPANE GAS SERVICE TO SPACE WITH ALL ASSOCIATED VALVING, REGULATORS, SUPPORTS AND EQUIPMENT AS SPECIFIED BY LOCAL AHJ. REFERENCE RISER FOR TOTAL LOAD AND DEVELOPED LENGTH. COORDINATE THE NEW GAS PIPING INSTALLATION WITH LANDLORD'S FIELD REPRESENTATIVE. 2" DEDICATED LINE FOR PIZZA OVENS TO BE ROUTED BACK TO REGULATOR ALONG SIDE OF 2" LINE SERVING ALL OTHER LOADS IN SPACE. AT REGULATOR COMBINE 2" DEDICATED LINE INTO MAIN LINE.
- EXTEND NEW 1" COLD WATER PIPING AS REQUIRED, AND CONNECT TO THE EXISTING INCOMING WATER SERVICE LINE. VERIFY THE EXACT LOCATION AND SIZE IN FIELD.
- PROVIDE 1/2"HW AT 48" ABOVE FINISH FLOOR WITH SHUTOFF VALVE FOR CONNECTION TO CLEANING SUPPLY DISPENSING SYSTEM.
- SEE ENLARGED WATER HEATERS PLAN/GAS AND WATER PLAN FOR CONTINUATION.

GAS PIPING ISOMETRIC RISER NTS 4

KEYNOTES NTS 2



NOTE:
NEW GAS FIRED WATER HEATER FURNISHED AND INSTALLED BY PLUMBING CONTRACTOR.
PLUMBING CONTRACTOR SHALL PROVIDE ALL VENTING REQUIRED. REF: MANUFACTURER'S REQUIREMENTS.

NOTE:
PLUMBING CONTRACTOR SHALL NOT RESIZE GAS PIPING OR GAS METER. DEDICATED 2" LINE FOR PIZZA OVENS IS TO BRANCH OFF MAIN AS SOON AS GAS LINE TURNS VERTICAL FROM METER.
(INSTALL PER PLANS)
PAINT EXPOSED PIPE TO MATCH BLDG. (AS REQUIRED).

NOTE:
FIELD VERIFY EXACT LOCATION OF PROPANE SYSTEM.
NEW PROPANE GAS REGULATOR TO BE PROVIDED BY PLUMBING CONTRACTOR @ INDICATED LOCATION. REF: NOTE 12 THIS SHEET.

ENLARGED WATER HEATERS PLAN 1/2" = 1'-0" 5

GAS AND WATER PLAN 1/4" = 1'-0" 1

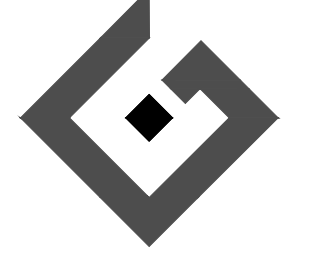
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GAS AND WATER SERVICE PLAN

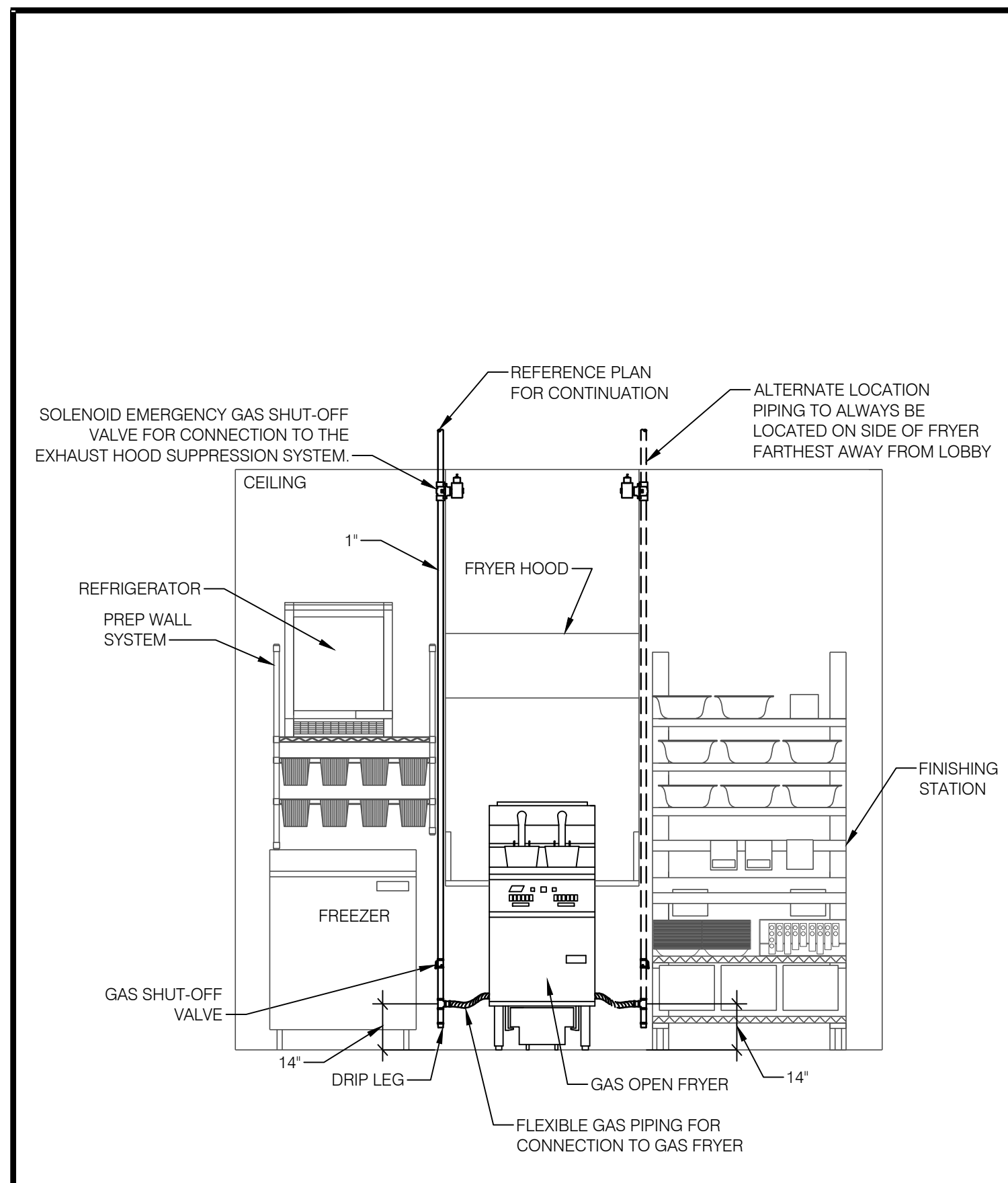
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CAMERON, NORTH CAROLINA

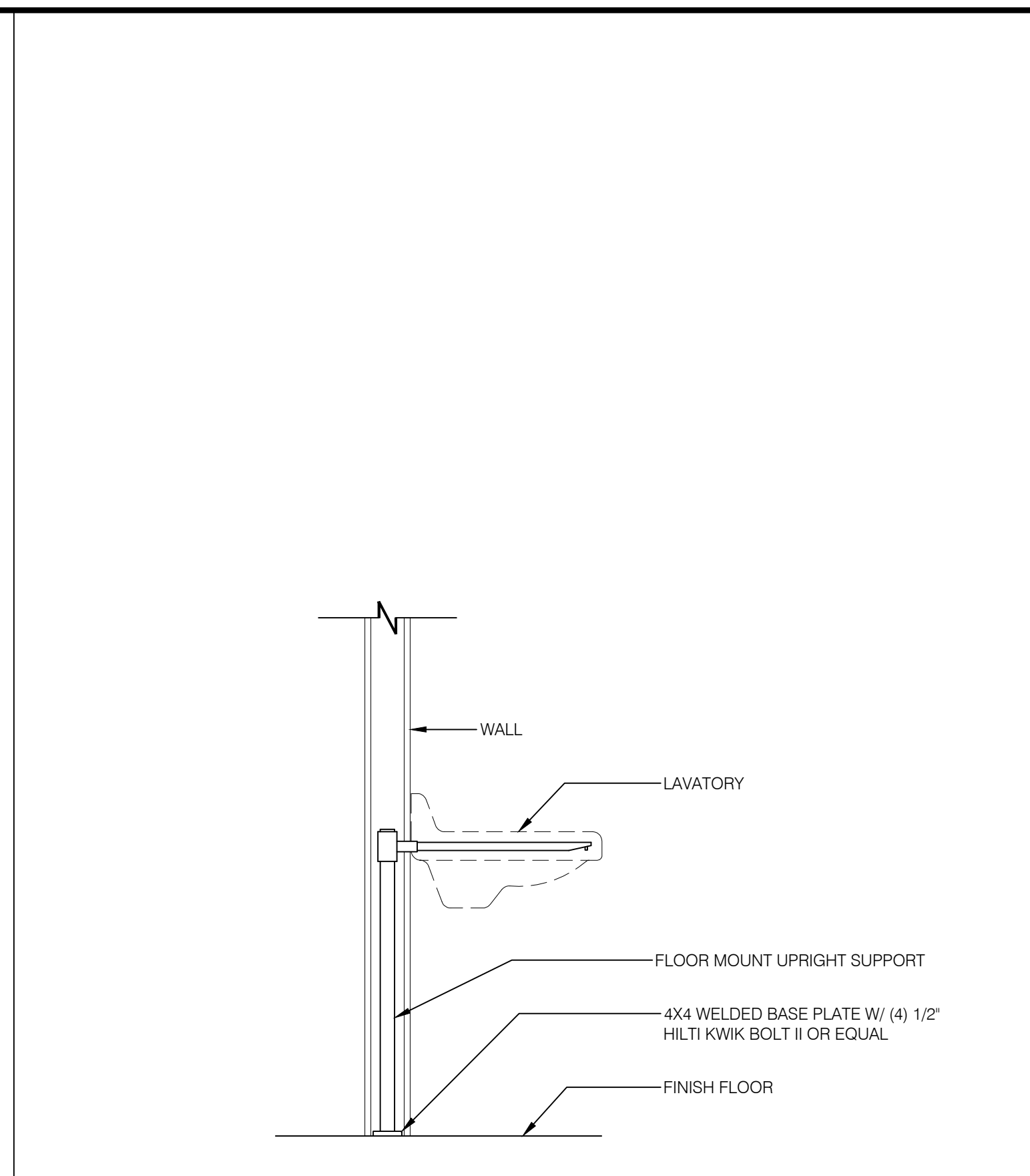
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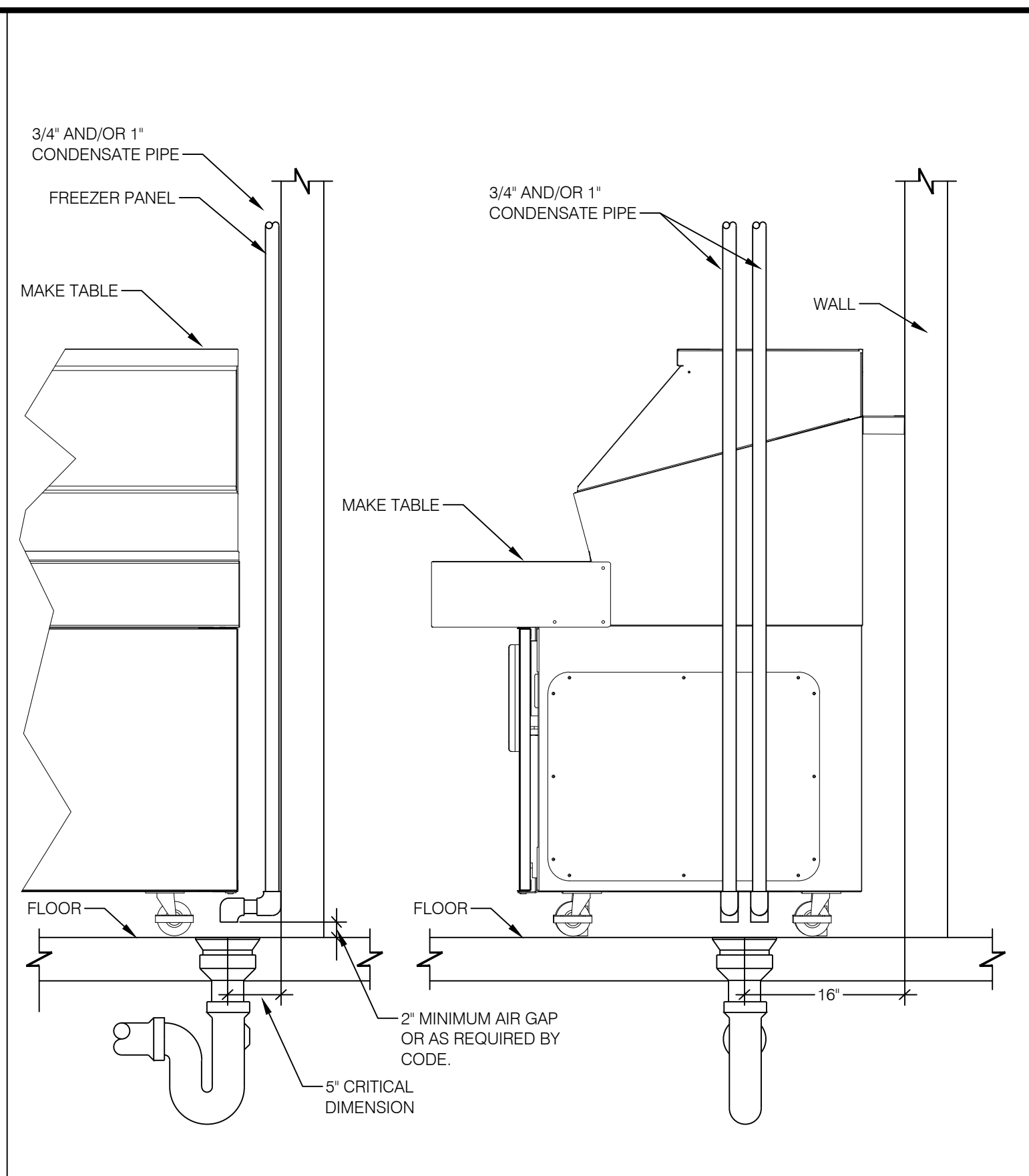
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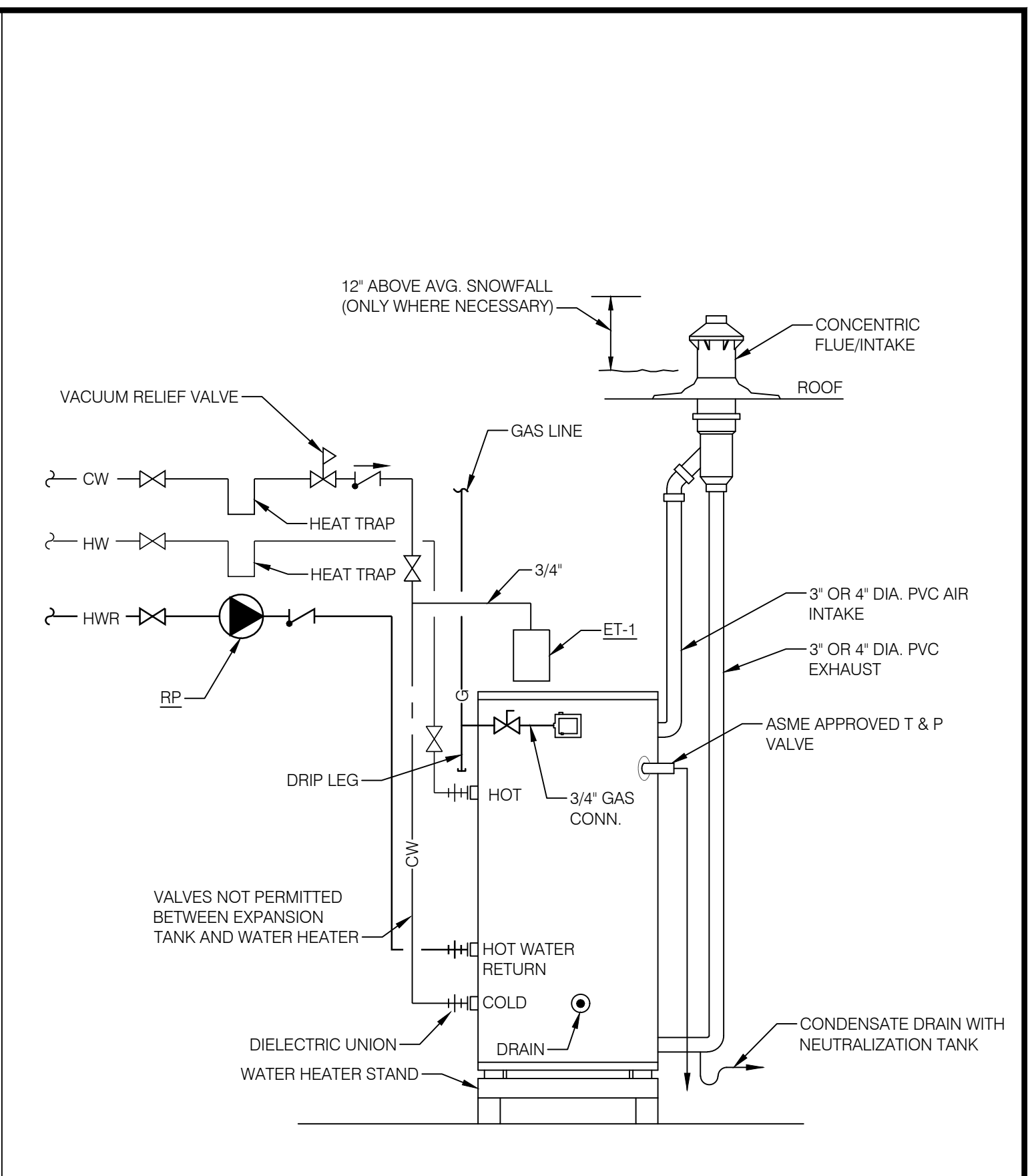
GAS FRYER CONNECTION NTS 12



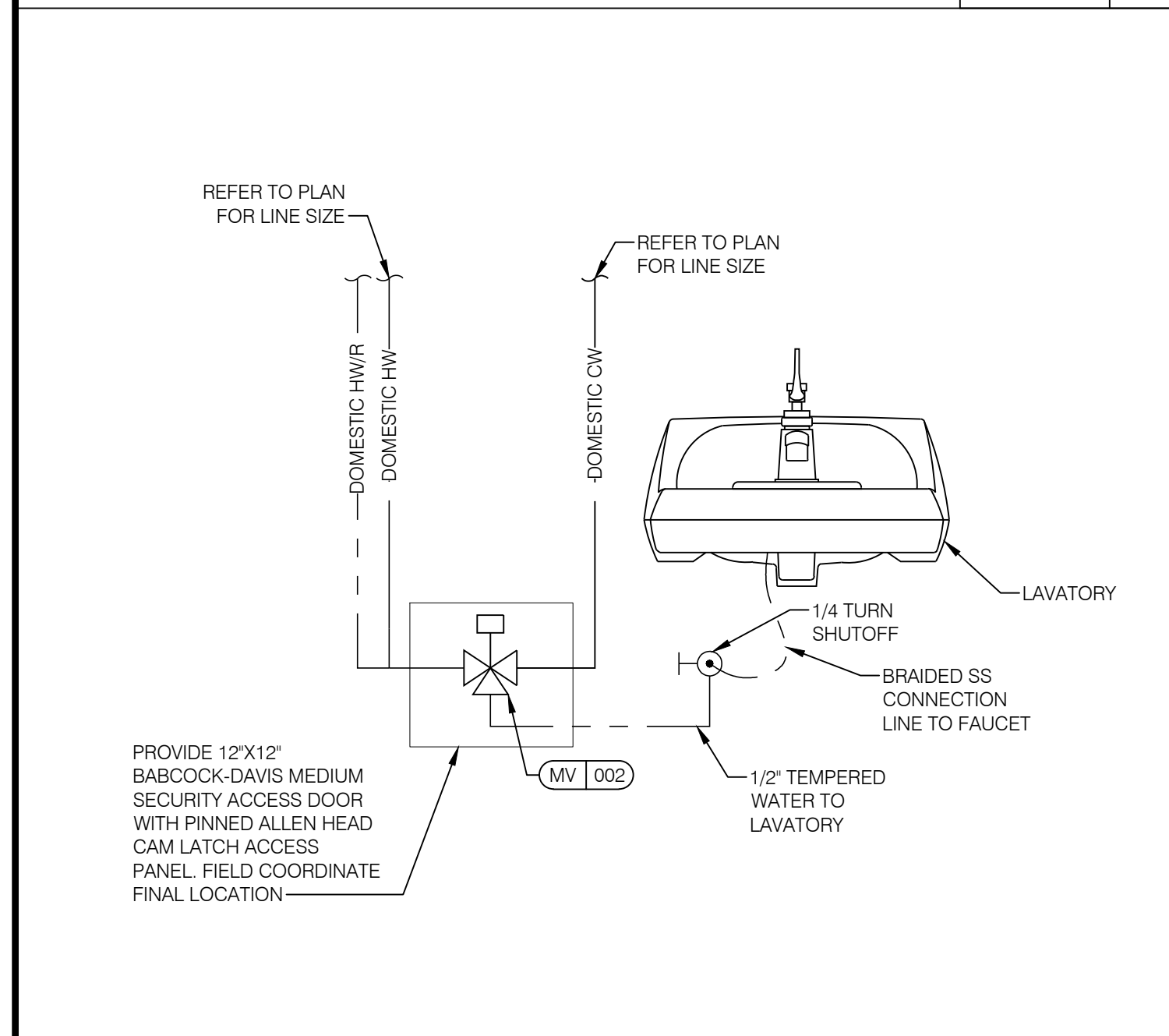
LAVATORY SUPPORT DETAIL NTS 11



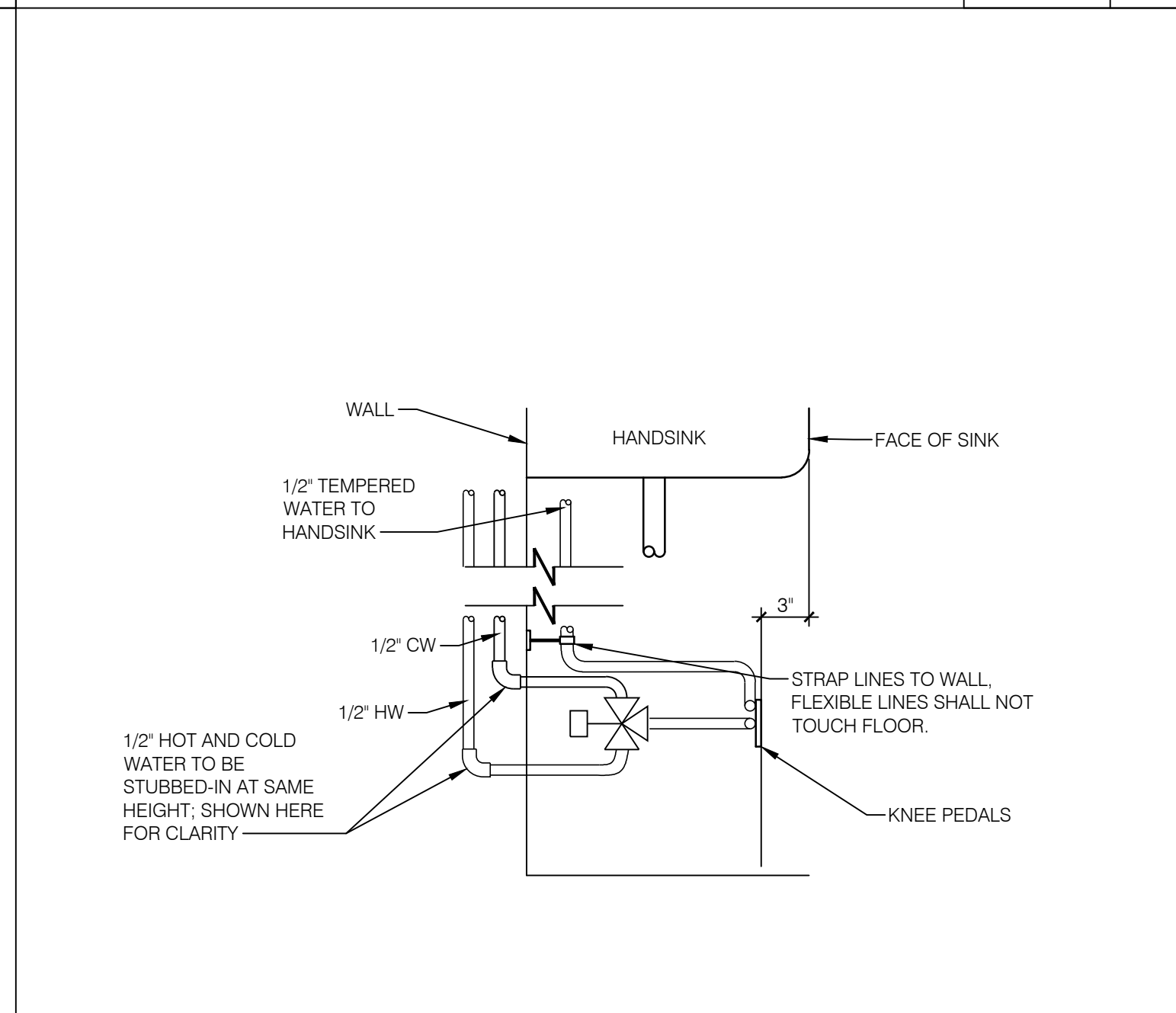
INDIRECT DRAIN AT MAKE TABLE NTS 10



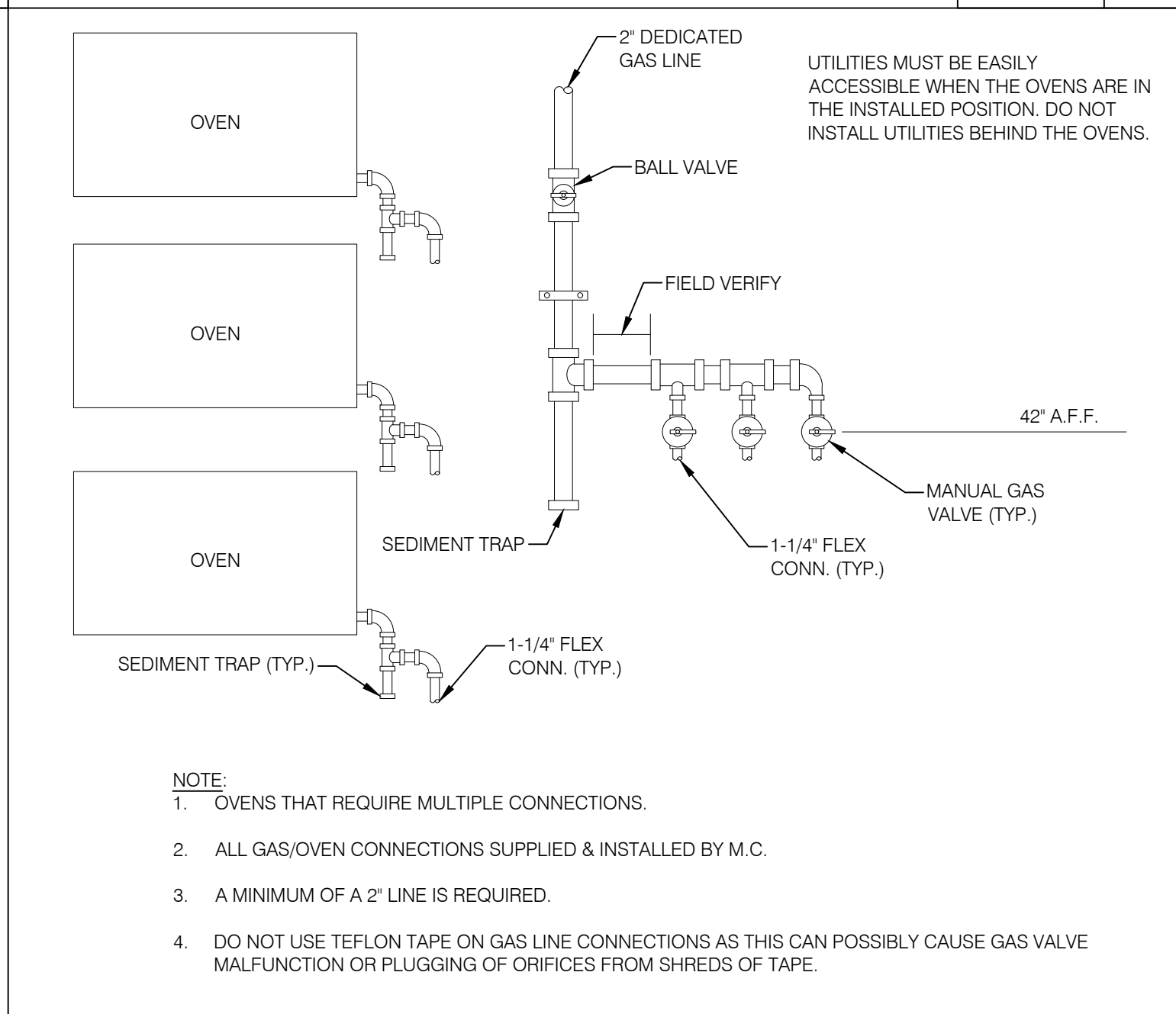
WATER HEATER NTS 9



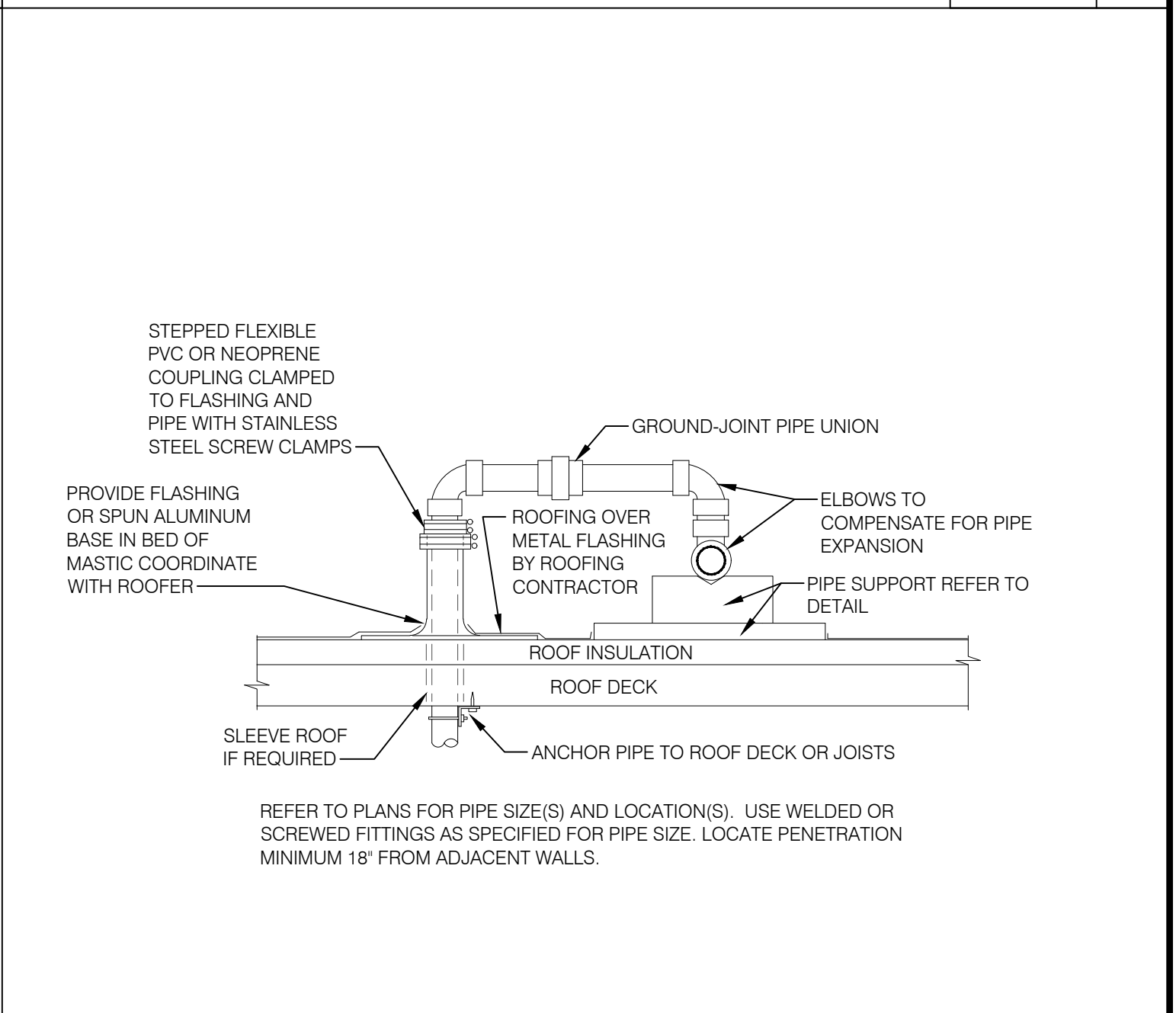
LAVATORY TEMPERING VALVE NTS 8



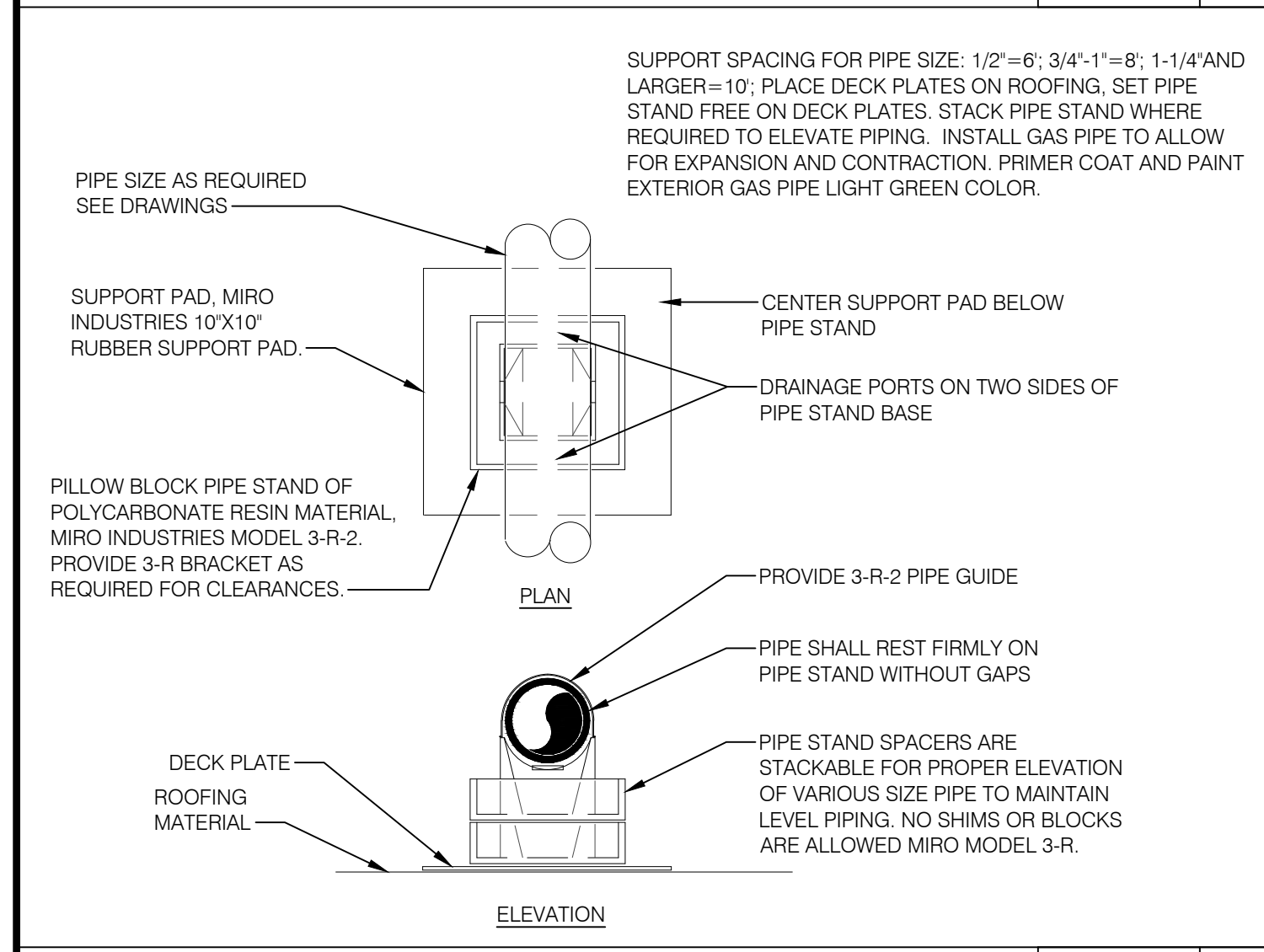
KNEE PEDAL DETAIL NTS 7



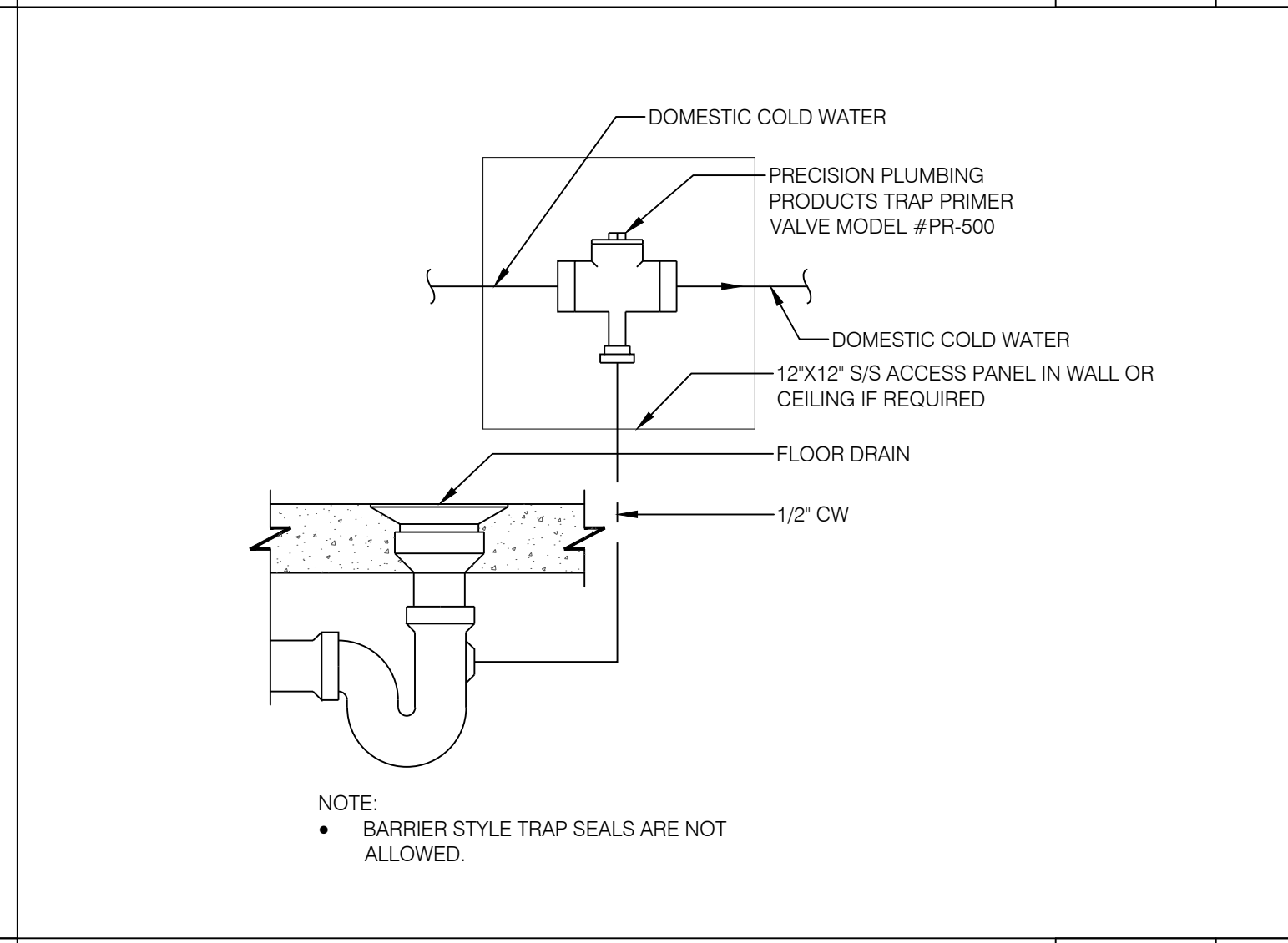
OVEN GAS CONNECTION NTS 6



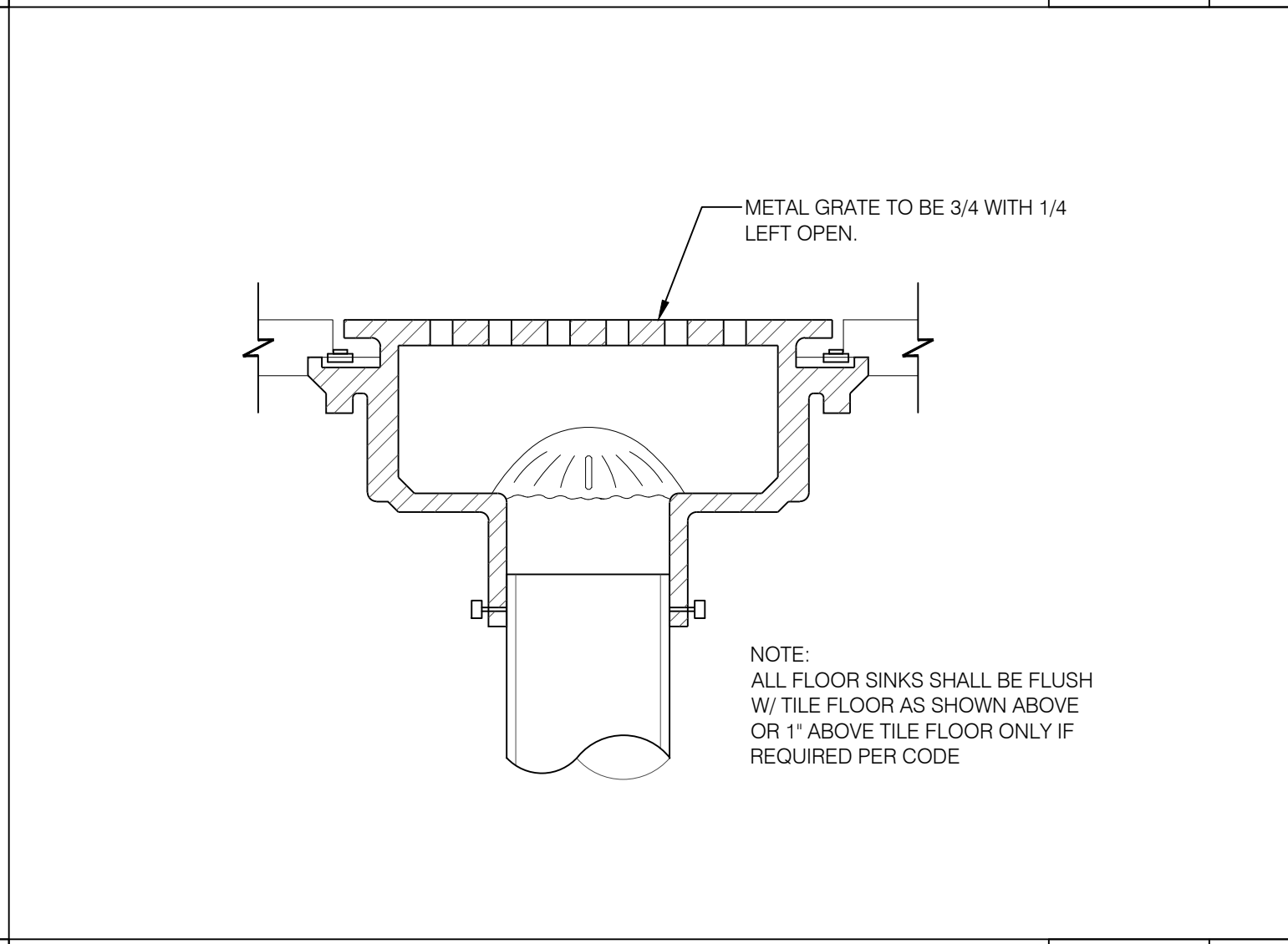
GAS PIPING ROOF PENETRATION NTS 5



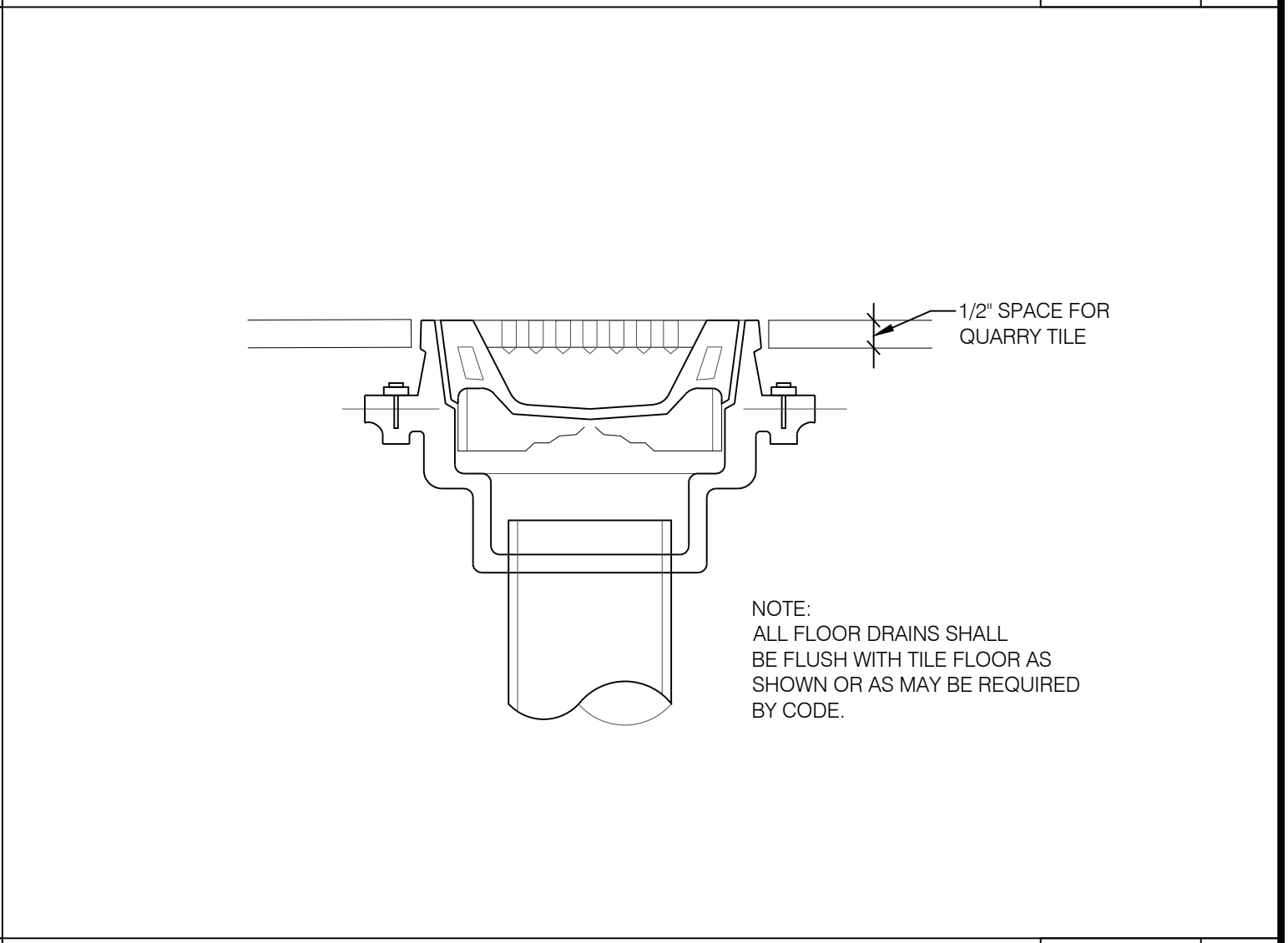
GAS PIPING ROOF SUPPORT NTS 4



TRAP PRIMER NTS 3



FLOOR SINK NTS 2



FLOOR DRAIN NTS 1

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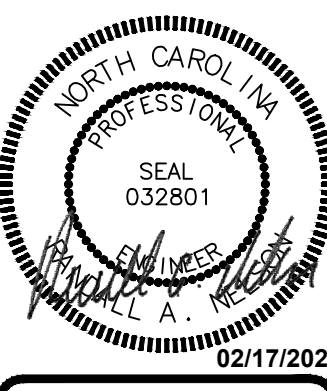
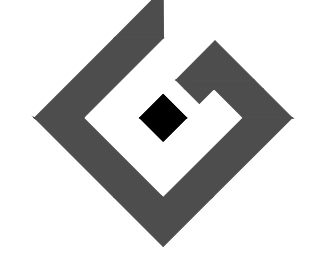
**DETAILS
PLUMBING**



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