

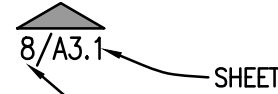


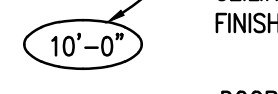
SYMBOL LEGEND

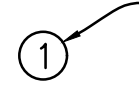
DRAWING TITLE **FLOOR PLAN** 1
1/4"=1'-0"

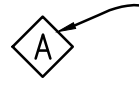
SECTION  SECTION I.D. NUMBER SHEET WHERE SECTION IS LOCATED

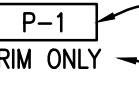
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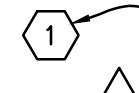
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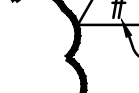
CEILING HEIGHT  CEILING HEIGHT ABOVE FINISHED FLOOR

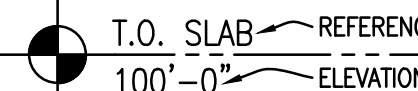
DOOR  DOOR NUMBER DESIGNATION

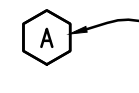
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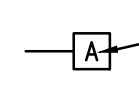
FINISH MATERIAL  FINISH DESIGNATION TRIM ONLY COMMENTS, IF APPLICABLE

KEYED NOTES  KEYED NOTE DESIGNATION ON APPLICABLE SHEET

REVISIONS  ADDENDUM NUMBER REVISED AREA CLOUDED

ELEVATION HEIGHT  T.O. SLAB REFERENCE POINT 100'-0" ELEVATION HEIGHT

EQUIPMENT  EQUIPMENT NUMBER/LETTER DESIGNATION

WALL TYPE  WALL TYPE LETTER

GENERAL PROJECT NOTES

1. APPROVED PLANS SHALL BE KEPT IN A PLAN BOX AND SHALL NOT BE USED BY WORKMEN. ALL CONSTRUCTION SETS SHALL REFLECT SAME INFORMATION. CONTRACTOR SHALL MAINTAIN ONE COMPLETE SET OF PLANS ON THE PREMISES IN GOOD CONDITION AT ALL TIMES. THIS SHALL INCLUDE ALL ADDENDA AND CHANGE ORDERS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO STARTING ANY WORK AND SHALL BE RESPONSIBLE FOR ALL WORK AND MATERIALS INCLUDING THOSE FURNISHED BY SUBCONTRACTORS AND OWNER.
3. GENERAL CONTRACTOR TO REFER TO THESE DOCUMENTS AS WELL AS SPECIFICATIONS FOR IDENTIFICATION OF ALL OWNER SUPPLIED ITEMS. ALL ITEMS NOT MARKED "BY OWNER" OR "N.I.C." (NOT IN CONTRACT) ARE TO BE SUPPLIED BY GENERAL CONTRACTOR. UNLESS NOTED OTHERWISE, ALL ITEMS ARE TO BE INSTALLED BY GENERAL CONTRACTOR.
4. THE TERM "WORK" AS USED IN THESE NOTES SHALL INCLUDE ALL PROVISIONS AS DRAWN OR SPECIFIED IN THESE DOCUMENTS AS WELL AS ALL OTHER PROVISIONS SPECIFICALLY INCLUDED BY THE OWNER IN THE FORM OF DRAWINGS, SPECIFICATIONS, AND WRITTEN INSTRUCTIONS AND APPROVED BY THE ARCHITECT.
5. BEFORE SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE PREMISES AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND THE EXTENT OF WORK REQUIRED TO COMPLETE THE PROJECT.
6. BEFORE CONSTRUCTION BEGINS, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND SHALL NOTIFY THE ARCHITECT, IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK AND SHALL BE RESPONSIBLE FOR SAME.
7. IF THE CONTRACT DRAWINGS ARE FOUND TO BE UNCLEAR, AMBIGUOUS OR CONTRADICTORY, THE CONTRACTOR MUST REQUEST CLARIFICATION FROM THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH THAT PART OF THE WORK.
8. THE ARCHITECT SHALL BE AVAILABLE TO VISIT THE SITE WHEN REQUESTED. IF A CONDITION EXISTS THAT REQUIRES OBSERVATION OR ACTION BY THE ARCHITECT OR ENGINEERS, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ARCHITECT.
9. CONTRACTOR SHALL BE FAMILIAR WITH PROVISIONS OF ALL APPLICABLE CODES AND SHALL INSURE THE COMPLIANCE OF THE WORK WITH ALL LOCAL, STATE AND FEDERAL CODES. IN THE EVENT OF CONFLICT BETWEEN LOCAL, STATE AND NATIONAL CODES, THE MORE STRINGENT SHALL GOVERN. BEFORE COMMENCING WORK NOT SHOWN IN DOCUMENTS, BUT REQUIRED TO ACHIEVE FULL COMPLIANCE WITH CODES, CONTRACTOR SHALL NOTIFY OWNER AND ARCHITECT.
10. THESE DOCUMENTS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. SAFETY, CARE OF ADJACENT PROPERTIES DURING CONSTRUCTION, COMPLIANCE WITH STATE AND FEDERAL REGULATIONS REGARDING SAFETY AND COMPLIANCE WITH REQUIREMENTS SPECIFIED IN THE OWNER/CONTRACTOR CONTRACT IS, AND SHALL BE, THE CONTRACTOR'S RESPONSIBILITY.
11. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES AND SAFETY PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK.
12. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS FOR ALL MEASUREMENTS. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTED.
13. OWNER SHALL PAY ALL TAXES, SECURE BUILDING PERMIT AND PAY ALL FEES INCURRED IN THE COMPLETION OF THE PROJECT, INCLUDING BUT NOT LIMITED TO BUILDING PERMITS, WATER, ELECTRIC AND TELEPHONE SERVICE CONNECTION, CERTIFICATE OF OCCUPANCY SURVEYS AND INSPECTIONS.
14. SCOPE OF WORK. THE CONTRACTOR SHALL INCLUDE AND PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, TRANSPORTATION AND PAY ALL EXPENSES INCURRED IN THE PROPER COMPLETION OF WORK UNLESS SPECIFICALLY NOTED TO BE THE WORK OF OTHERS. CONTRACTOR SHALL PERFORM ALL WORK NECESSARY FOR PRODUCING A COMPLETE, HABITABLE PROJECT, INCLUDING BUT NOT LIMITED TO SITE WORK, ARCHITECTURAL, ELECTRICAL, PLUMBING AND HVAC.
15. THE BID PRICES SHALL INCLUDE EVERYTHING NECESSARY OR PROPER FOR PERFORMING AND COMPLETING THE WORK REQUIRED AS INDICATED BY THE PLANS AND SPECIFICATIONS, TO PROVIDE FINISHED WORK. ANYTHING OMITTED THEREFROM WHICH IS CLEARLY NECESSARY FOR THE COMPLETION OF THE WORK OR ITS APPURTENANCE SHALL BE CONSIDERED A PORTION OF THE WORK ALTHOUGH NOT DIRECTLY SPECIFIED OR SHOWN ON THE DRAWINGS.
16. INSURANCE: WORKMEN'S COMPENSATION, AS REQUIRED BY LAW, AND PUBLIC LIABILITY SHALL BE CARRIED BY THE CONTRACTOR.
17. GUARANTEE: THE CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE ALL MATERIALS, AND WORKMANSHIP FURNISHED OR INSTALLED BY HIM OR HIS SUBCONTRACTORS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE AND SHALL REPLACE ANY DEFECTIVE WORK WITHIN THAT PERIOD WITHOUT EXPENSE TO THE OWNER AND PAY FOR ALL DAMAGES TO OTHER PARTS OF THE BUILDING RESULTING FROM DEFECTIVE WORK OR ITS REPAIR. THE CONTRACTOR SHALL REPLACE DEFECTIVE WORK WITHIN TEN (10) DAYS AFTER IT IS BROUGHT TO HIS ATTENTION.
18. PROTECTION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS WORK AND THAT OF HIS SUBCONTRACTORS FOR LOSSES AND DAMAGES TO EQUIPMENT, TOOLS AND MATERIAL USED IN CONJUNCTION WITH THE WORK AND FOR ACTS OF HIS EMPLOYEES.
19. CONTRACTOR IS TO PROVIDE TO THE OWNER A LIST OF ALL SUBCONTRACTORS USED, COMPLETE WITH ADDRESSES, PHONE NUMBERS AND COPIES OF ALL WARRANTIES.
20. THE TERM "CONTRACTOR" AS USED IN THESE NOTES SHALL REFER TO THE GENERAL CONTRACTOR OR TO THE SUBCONTRACTORS. THE OWNER MAY ELECT TO CONTRACT DIRECTLY WITH A SUBCONTRACTOR FOR ANY PART OF THE WORK.

FIRE DEPARTMENT REQUIRED NOTES IF SPRINKLER EXISTS

1. 2A-10B:C FIRE EXTINGUISHERS SHALL BE PROVIDED IN THE DINING AREAS AND A K CLASS EXTINGUISHERS SHALL BE WITHIN 30 FEET OF COOKING EQUIPMENT. MOUNTING HEIGHT SHALL NOT EXCEED 48" AFF TO THE TOP OF EXTINGUISHER AND TRAVEL DISTANCE TO REACH ONE SHALL NOT EXCEED 75 FEET.
2. DECORATIVE MATERIALS, INCLUDING DRAPES AND HANGINGS, MUST BE NONCOMBUSTIBLE, FLAME RESISTANT OR TREATED WITH A FLAME RETARDANT.
3. GENERAL CONTRACTOR TO ADD SMOKE DETECTOR IN THE DUCTWORK.
4. GENERAL CONTRACTOR IS RESPONSIBLE FOR ENTIRE FIRE SPRINKLER SYSTEM, INCLUDING SUBMITTAL AND APPROVAL FROM THE LOCAL FIRE DEPARTMENT.
5. SUBMITTAL AND APPROVAL FROM THE LOCAL FIRE DEPARTMENT. FIRE SPRINKLER SYSTEM SHALL BE INSTALLED, INSPECTED, AND TESTED IN ACCORDANCE WITH LOCAL JURISDICTION. PLANS AND SPECIFICATIONS SHALL BE SUBMITTED SEPARATELY TO THE FIRE DEPARTMENT AFTER THE BUILDING PERMIT IS ISSUED. THIS PLAN REVIEW OR APPROVAL ENCOMPASSES THE TENANT IMPROVEMENT PLANS ONLY. FIRE SPRINKLER SYSTEM(S), ALARM SYSTEM(S), UNDERGROUND FIRE LINES OR ANY OTHER FIRE PROTECTION SYSTEM OR REQUIRED FIRE DEPARTMENT PERMIT(S), REQUIRES A SEPARATE PLAN SUBMITTAL AND ARE NOT ENCOMPASSED IN THIS PLAN REVIEW OR APPROVAL. A SEPARATE PLAN SUBMITTAL IS REQUIRED PRIOR TO THE COMMENCEMENT OF ANY WORK.
6. IF ADDITIONS OF WALLS AND/OR OTHER TENANT IMPROVEMENTS OBSTRUCT OR EFFECT COVERAGE OR PERFORMANCE OF THE FIRE SPRINKLER SYSTEM, FIRE ALARM SYSTEM AND/OR IF ANY MODIFICATIONS TO THE FIRE SPRINKLER SYSTEM, FIRE ALARM SYSTEM IS NECESSARY, FIRE SPRINKLER, FIRE ALARM TENANT IMPROVEMENT PLANS SHALL BE SUBMITTED TO THE LOCAL FIRE DEPARTMENT FOR APPROVAL PRIOR TO INSTALLATION OR ALTERATION(S).
7. COMPLETE FIRE ALARM SYSTEM PLANS SHALL BE SUBMITTED SEPARATELY TO THE FIRE DEPARTMENT FOR REVIEW AND APPROVAL. INSTALLATION WILL BE IN ACCORDANCE WITH FINAL APPROVAL OF THE SYSTEM.
8. COMPLETE FIRE ALARM SYSTEM PLANS SHALL BE SUBMITTED SEPARATELY TO THE FIRE DEPARTMENT FOR REVIEW AND APPROVAL. INSTALLATION WILL BE IN ACCORDANCE WITH FINAL APPROVAL OF THE SYSTEM.



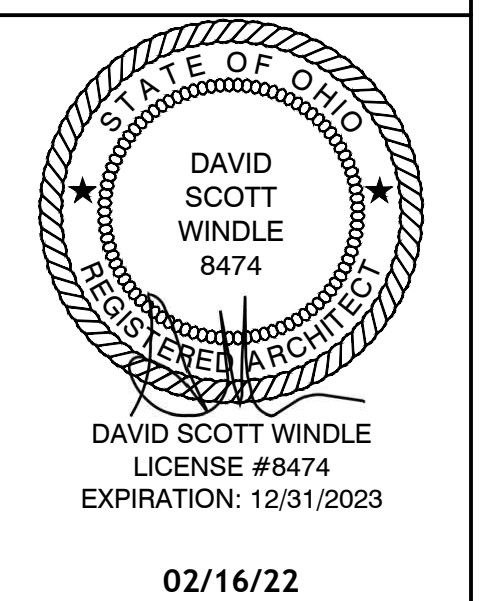
STORE#: OH-2107

DICKEY'S BARBECUE PIT

1090 STATE ROUTE 28
MILFORD, OH, 45150

ARCHITECT:
DAVID SCOTT WINDLE, AIA
6201 CAMPUS CIRCLE DRIVE E.
IRVING, TX 75063
PHONE 972.870.1288
E-MAIL scottw@dstudio4.com

CORPORATE:
DICKEY'S BARBECUE RESTAURANT, INC.
4514 COLE AVENUE, SUITE 1100
DALLAS, TEXAS 75205
972.248.9899



DAVID SCOTT WINDLE
LICENSE #8474
EXPIRATION: 12/31/2023
02/16/22

DICKEY'S - MILFORD
1090 STATE ROUTE 28
MILFORD, OH 45150
CLIENT: LEWIS RESTAURANT GROUP, LLC
126 SUNSET PLACE
GOSHEN, OH 45122



OH-2107

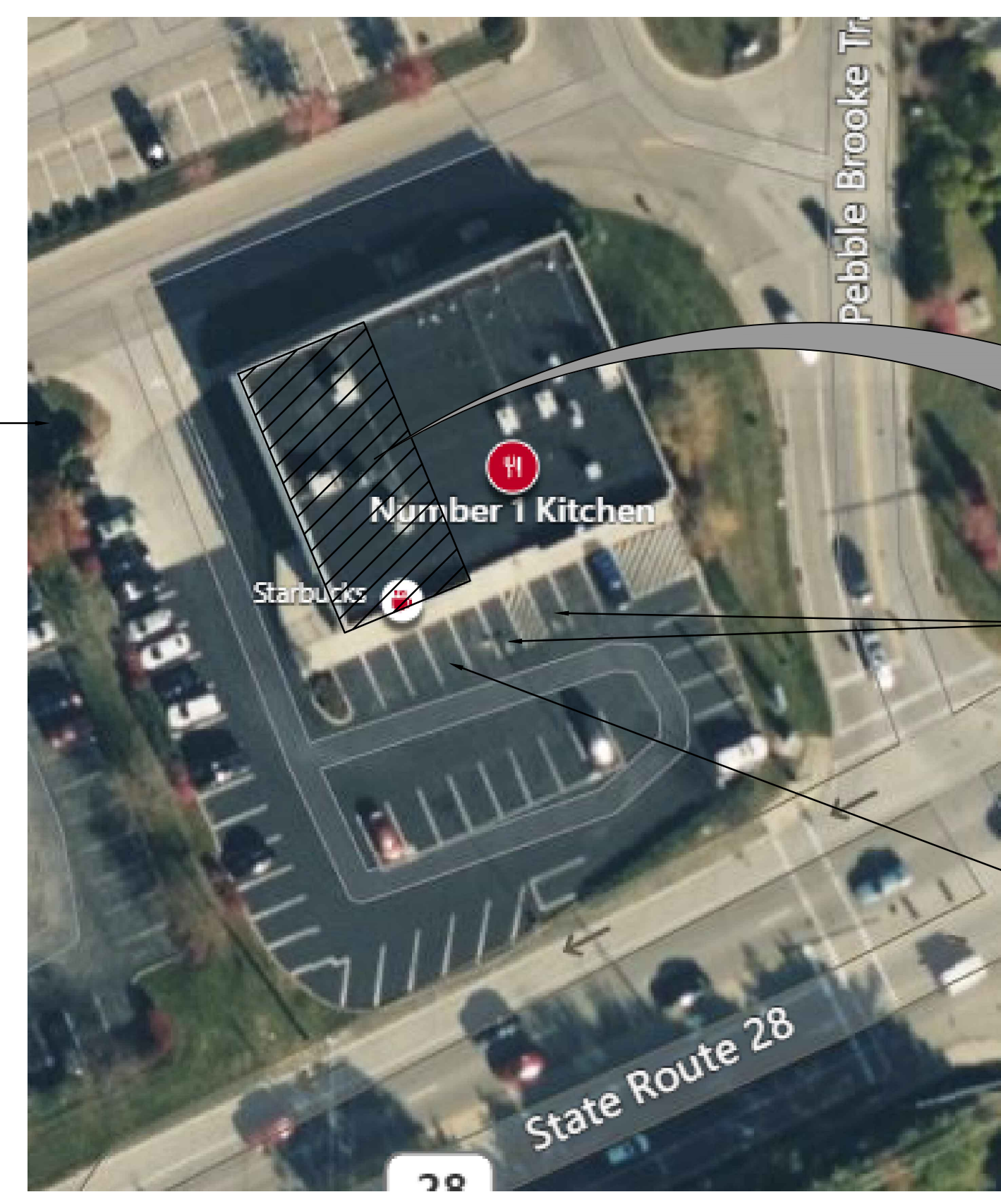
DATE	DESCRIPTION
01/28/22	DICKEY'S REVIEW ISSUE
02/16/22	PERMIT-BID

SITE LOCATION MAP



DICKEY'S RESTAURANT

AREA LOCATION MAP

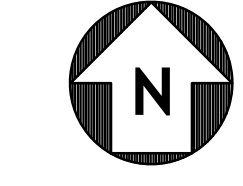


DICKEY'S RESTAURANT

(E) DUMPSTER LOCATION

(E) ACCESSIBLE PARKING BY LANDLORD

(E) PARKING BY LANDLORD, TYPICAL



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SPT.1	SPECIFICATIONS								
SPT.2	SPECIFICATIONS								
SPT.3	SPECIFICATIONS								
SPT.4	SPECIFICATIONS								
SPT.5	SPECIFICATIONS								

DATE

SCOPE OF WORK

TENANT FINISH OUT OF AN EXISTING LEASE SPACE. IMPROVEMENTS SHALL INCLUDE COMPLETE FINISH OUT OF THE INTERIOR TO INCLUDE NEW NON-LOAD BEARING WALLS, CEILING, FLOOR FINISHES, MILLWORK, SEATING MECHANICAL, ELECTRICAL AND PLUMBING.

BUILDING SQUARE FOOTAGE

LEASE AREA:	1,890 SQ. FT.
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CODE INFORMATION

BUILDING CODE:	2017 OHIO BUILDING CODE (BASED ON 2015 IBC)
ELECTRICAL CODE:	2017 NATIONAL ELECTRICAL CODE
MECHANICAL CODE:	2017 OHIO MECHANICAL CODE (BASED ON 2015 IMC)
PLUMBING CODE:	2017 OHIO PLUMBING CODE (BASED ON 2015 IPC)
FIRE CODE:	2016 NFPA 13, NFPA 72
ENERGY CODE:	OHIO ENERGY CODE (BASED ON 2012 IECC)
ACCESSIBILITY CODE:	2010 ADA
OCCUPANCY:	A2
CONSTRUCTION TYPE:	II-B
SPRINKLER:	NONE
BUILDING HEIGHT:	ONE STORY

UNDER SEPARATE PERMIT

EXTERIOR SIGNAGE

DATE DESCRIPTION

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01/28/22	DICKEY'S REVIEW ISSUE
02/16/22	PERMIT-BID

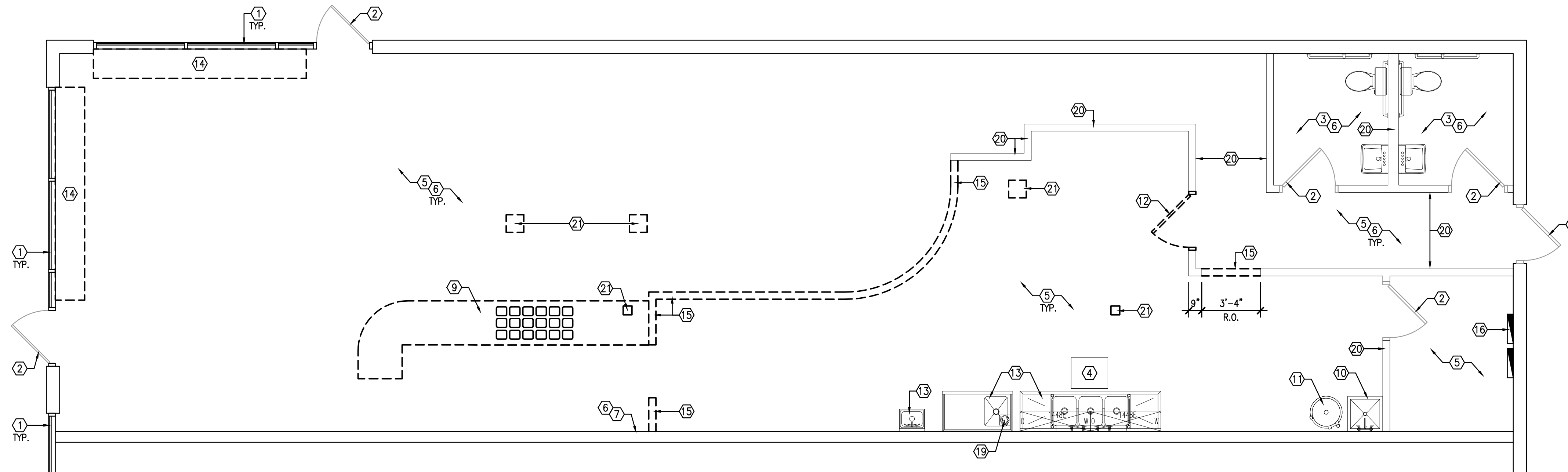
COVER SHEET

SHEET NUMBER:

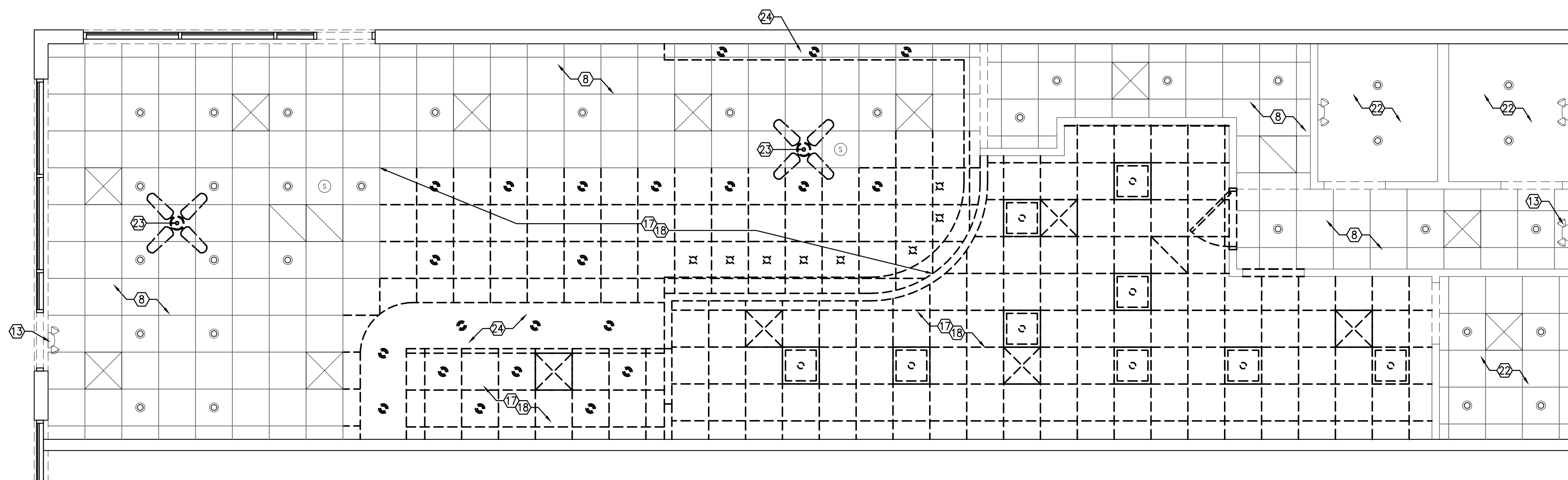
T1.0

1054 PROJECT NUMBER:

DBQ21011



DEMOLITION FLOOR PLAN
1/2" = 1'-0" 1



DEMOLITION REFLECTED CEILING PLAN
1/2" = 1'-0" 2

GENERAL NOTES

- THIS AND ANY OTHER DEMOLITION DRAWINGS ARE NOT INTENDED TO BE ALL INCLUSIVE NOT TO DEFINE THE SCOPE OF WORK OF ALL DEMOLITION WORK REQUIRED FOR THIS PROJECT. DEMOLITION DRAWINGS ARE SHOWN ONLY TO AID THE CONTRACTOR IN PREPARING THE BID AND PERFORMING THE WORK. CONTRACTOR SHALL EXAMINE ALL CONSTRUCTION DOCUMENTS AND VISIT THE SITE DURING BIDDING AS REQUIRED TO DETERMINE THE TOTAL EXTENTS AND SCOPE OF THE DEMOLITION PORTION OF THIS WORK. ALL ITEMS ELECTRICAL, HVAC, PLUMBING, STRUCTURAL FINISH, ETC. THAT ARE NOT REQUIRED TO REMAIN, SHALL BE PART OF THE DEMOLITION WORK REQUIRED TO CARRY OUT WORK AS SHOWN IN THE CONSTRUCTION DOCUMENTS.
- EXISTING SLAB COULD NOT BE VERIFIED PRIOR TO COMPLETION OF CONSTRUCTION DOCUMENTS AND IS ASSUMED TO BE SLAB ON GRADE. IF SAW CUTTING REVEALS ANY OTHER TYPE OF SLAB G.C. SHALL STOP SAW CUTTING AND NOTIFY ARCHITECT.
- GENERAL CONTRACTOR TO DISPOSE OF ALL WASTE DURING DEMOLITION IN ACCORDANCE WITH ALL APPLICABLE JURISDICTIONS, CODES, AND ORDINANCES.
- GENERAL CONTRACTOR TO FIELD LOCATE AND DEACTIVATE IF REQUIRED -IN ALL WALLS TO BE DEMOLISHED -ALL EXISTING "HOT" ELECTRICAL WIRING PRIOR TO DEMOLITION.
- GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE AND NOTIFY ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY PRIOR TO PROCEEDING.
- REFER TO MEP PLANS FOR COORDINATION OF ALL EXISTING MECHANICAL, ELECTRICAL AND PLUMBING.
- CONTRACTOR SHALL NOT DEMOLISH ANY LOAD BEARING WALLS OR CONSTRUCTION THAT WILL COMPROMISE THE STRUCTURAL INTEGRITY OF THE STRUCTURE. NOTIFY OWNER OF ANY STRUCTURAL ISSUES ARISING FROM DEMOLITION.
- REMOVE AND CAP ALL EXISTING ELECTRICAL CONDUIT THROUGHOUT PER ELECTRICAL CODE REQUIREMENTS.
- REMOVE AND CAP ALL EXISTING FLOOR POWER AND COMMUNICATION OUTLETS THROUGHOUT PER ELECTRICAL CODE REQUIREMENTS.
- WHERE PARTITION DEMOLITION OCCURS ADJACENT TO EXISTING TO REMAIN, PATCH AND REPAIR ADJACENT CONDITIONS FOR FINAL STORE FINISHES.
- ITEMS DAMAGED DURING DEMOLITION BEYOND SCOPE OF DEMOLITION REQUIREMENTS SHALL BE REPAIRED OR REPLACED TO LIKE NEW CONDITION AT NO ADDITIONAL COST TO OWNER.

SHEET SYMBOLS

- EXISTING WALL/FIXTURE TO BE REMOVED, (U.O.N.)
- EXISTING WALL TO REMAIN

KEY NOTES:

- EXISTING STOREFRONT WINDOW TO REMAIN.
- EXISTING DOOR AND FRAME TO REMAIN.
- EXISTING RESTROOM(S) TO REMAIN.
- EXISTING GREASE INTERCEPTOR TO REMAIN, REFERENCE PLUMBING DRAWINGS FOR SCOPE OF WORK.
- EXISTING FLOOR FINISH TO BE REMOVED (AS NOTED), FLOOR TO BE CLEAN AND LEVEL TO PREPARE FOR NEW DICKEY'S FLOOR FINISH.
- EXISTING WALL COVERINGS TO BE REMOVED.
- EXISTING DEMISING/ EXTERIOR WALL TO REMAIN. DO NOT DAMAGE EXISTING RATED ASSEMBLY (IF ANY, V.I.F.). PATCH/ REPAIR AS REQ'D TO MAINTAIN FIRE RATING (IF ANY, V.I.F.), AND WHERE DAMAGED FROM PREVIOUS TENANT'S CONSTRUCTION. PREPARE AS NECESSARY TO RECEIVE NEW FINISHES.
- EXISTING CEILING GRID, DUCTS, LIGHT FIXTURES, SUSPENDED SOFFITS THROUGHOUT (U.O.N.) TO REMAIN. EXISTING GRID TO REMAIN AND PREPARE TO BE PAINTED. EXISTING TILES TO BE REMOVED TO BE REPLACED WITH NEW.
- EXISTING COUNTER TOP AND ASSOCIATED EQUIPMENT TO BE REMOVED.
- EXISTING MOP SINK TO REMAIN, REFERENCE PLUMBING DRAWINGS FOR SCOPE OF WORK.
- EXISTING WATER HEATER TO REMAIN, REFERENCE PLUMBING DRAWINGS FOR SCOPE OF WORK.
- EXISTING DOOR AND FRAME TO BE REMOVED & SAVED FOR RELOCATION.
- EXISTING SINK(S) REMAIN.
- EXISTING HIGH TABLE TO BE REMOVED. PATCH & REPAIR FLOOR AS REQUIRED.
- EXISTING INTERIOR WALL TO BE REMOVED.
- EXISTING ELECTRICAL PANEL TO REMAIN, REFERENCE ELECTRICAL DRAWINGS FOR SCOPE OF WORK.
- EXISTING LIGHTING FIXTURE TO BE REMOVED.
- EXISTING CEILING TILES AND GRID TO BE REMOVED.
- EXISTING HUB DRAIN TO REMAIN.
- EXISTING INTERIOR WALL TO REMAIN. PREP FOR NEW FINISHES.
- REMOVE PORTION OF FLOOR AS REQUIRED FOR NEW FLOOR DRAINS & SINKS. REFERENCE PLUMBING DRAWINGS.
- EXISTING TO REMAIN. NO WORK ON THIS AREA. PATCH & REPAIR AS NEEDED.
- EXISTING CEILING FANS TO BE REMOVED.
- EXISTING SOFFIT AND ASSOCIATED FIXTURES TO BE REMOVED.

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IRVING, TX 75063
PHONE 972.870.1288
E-MAIL scotw@dstudio4.com

CORPORATE:
DICKEY'S BARBECUE RESTAURANT, INC.
4514 COLE AVENUE, SUITE 1100
DALLAS, TEXAS 75205
972.248.9899

STATE OF OHIO
REGISTERED ARCHITECT
DAVID SCOTT WINDLE
LICENSE #8474
EXPIRATION: 12/31/2023

02/16/22

DICKEY'S - MILFORD
1090 STATE ROUTE 28
MILFORD, OH 45150

CLIENT: LEWIS RESTAURANT GROUP, LLC
126 SUNSET PLACE
GODDEN, OH 45122

DICKEY'S BARBECUE PIT
est. 1941

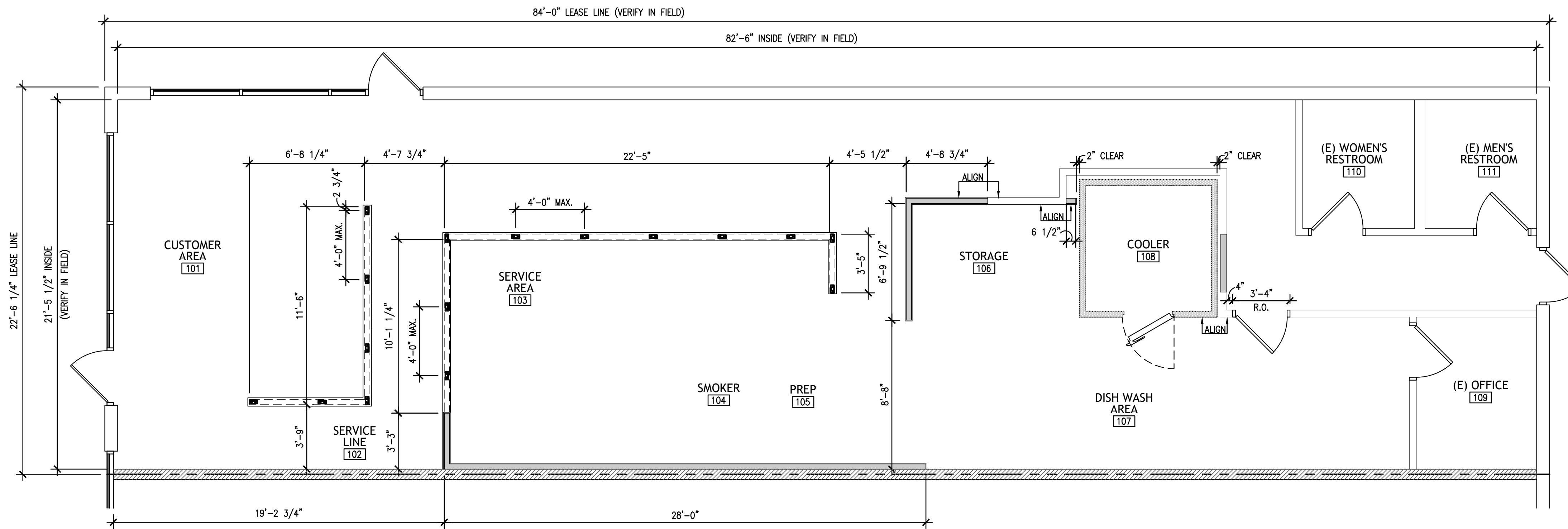
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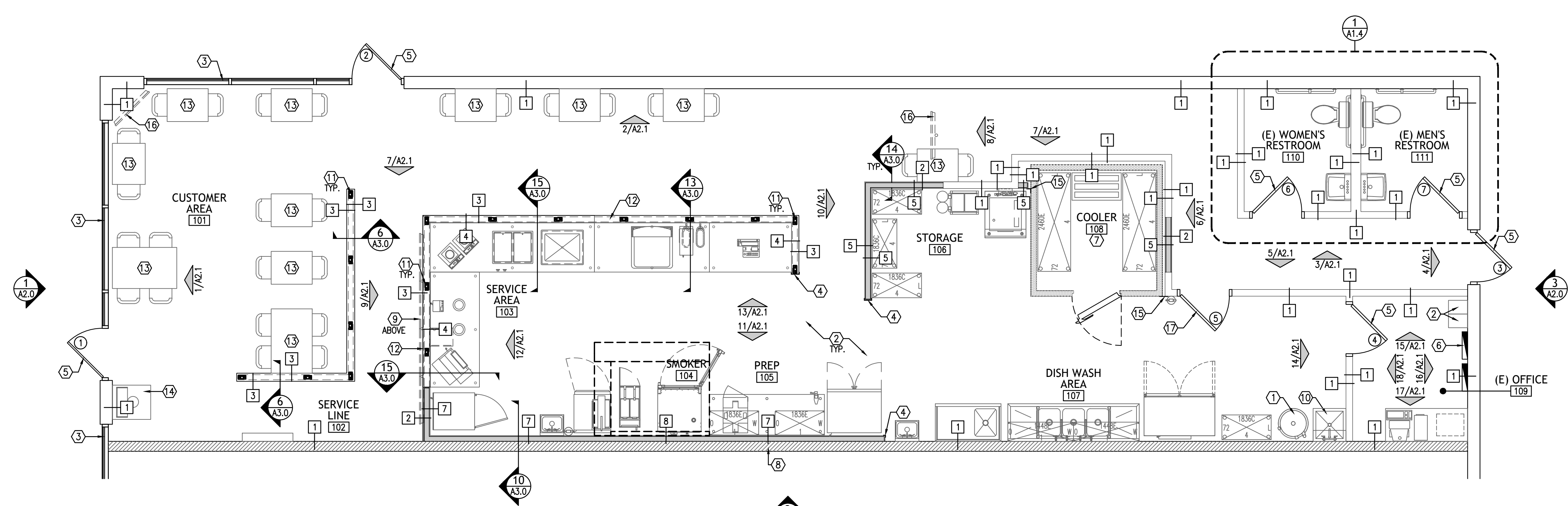
SHEET TITLE:
DEMOLITION FLOOR AND REFLECTED CEILING PLANS

SHEET NUMBER:
D1.0

ISSUE PROJECT NUMBER:
DBQ21011



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



NOTED FLOOR PLAN
1/4"=1'-0" 2

- GENERAL NOTES**
- 1 ALL DIMENSIONS ARE SHOWN TO FACE OF STUD OR FACE OF BLOCK WALL UNLESS NOTES OTHERWISE.
 - 2 REFER TO WALL TYPE SCHEDULE FOR ALL NEW WALLS.
 - 3 REFER TO FINISH SCHEDULE AND DETAILS FOR APPLIED FINISHES.
 - 4 WALLS TO STRUCTURAL DECK MUST BE THOROUGHLY SEALED AROUND PENETRATIONS.
 - 5 PLYWOOD BLOCKING SHALL BE IN INSTALLED FOR ALL WALLS HAVING EQUIPMENT SHELVES. REFER TO KITCHEN DRAWINGS.
 - 6 REFER TO FLOOR FINISH PLAN AND INTERIOR ELEVATIONS FOR WALL FINISHES.
 - 7 REFER TO WALL SECTIONS FOR PLACEMENT OF WATERPROOFING AT ALL WALLS WITH CEMENTITIOUS BACKER BOARD.
 - 8 PROVIDE WOOD BLOCKING AT ALL HUNG EQUIPMENT AND RESTROOM.
 - 9 G.C. SHALL FIELD VERIFY THE EXACT EXISTING SPACE CONDITIONS, DIMENSIONS, AND COLUMN SPACING PRIOR TO CONSTRUCTION AND INFORM ARCHITECT IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND BETWEEN DRAWINGS AND SITE CONDITIONS. ANY CHANGES OR REWORK DUE TO UNREPORTED DIFFERENCES SHALL BE AT G.C.'S EXPENSE.
 - 10 REFER TO FINISH SCHEDULE AND DETAILS FOR APPLIED FINISHES.
 - 11 REFER TO PLUMBING PLANS FOR ALL FLOOR DRAINS, FLOOR SINKS AND HUB DRAIN LOCATIONS.

- KEY NOTES:**
- 1 EXISTING WATER HEATER, REFER TO PLUMBING SHEETS.
 - 2 REFER TO K SHEETS FOR EQUIPMENT PLAN AND SCHEDULE.
 - 3 EXISTING STOREFRONT WINDOWS TO REMAIN.
 - 4 STAINLESS STEEL CORNER GUARD OR END CAP, REFER TO DETAIL 4/A3.0.
 - 5 EXISTING DOOR(S) TO REMAIN. G.C. TO VERIFY PROPER WORKING ORDER.
 - 6 EXISTING ELECTRICAL PANEL, REFER TO ELECTRICAL SHEETS.
 - 7 NEW WALK-IN COOLER, REFER TO K SHEETS.
 - 8 EXISTING DEMISING WALL TO REMAIN.
 - 9 OWNER FURNISHED DIGITAL MENU BOARDS. MOUNTS FURNISHED AND INSTALLED BY VENDOR. G.C. TO COORDINATE REQUIREMENTS FOR BLOCKING. REFER TO K SHEETS AND DETAIL 11/A3.0.
 - 10 EXISTING MOP SINK, REFER TO PLUMBING SHEETS.
 - 11 HALF WALL SUPPORT, REFER TO DETAIL 3/A3.0.
 - 12 FRONT COUNTER WITH OWNER FURNISHED ROLLED METAL PANELS TO FACE OF COUNTER BY G.C.
 - 13 FURNITURE. REFER TO K SHEETS.
 - 14 TRASH RECEPTACLE. REFER TO K SHEETS.
 - 15 STAINLESS STEEL CLOSURE AT COOLER.
 - 16 CEILING MOUNTED 40" TELEVISION, REFER TO DETAIL 8/A.0 AND ELECTRICAL SHEETS.
 - 17 RELOCATED DOOR. G.C. TO VERIFY PROPER WORKING ORDER.

WALL LEGEND

[Pattern]	EXISTING WALL TO REMAIN
[Pattern]	EXISTING DEMISING WALL TO REMAIN
[Pattern]	NEW 3-5/8" OR 6" METAL WALLS TO 6" ABOVE CEILING @ 16" O.C. SECURE TO FLOOR PER 16/A3.0. ATTACH TO EXISTING STRUCTURE ABOVE PER 17/A3.0.
[Pattern]	NEW PARTIAL HEIGHT WALLS W/ 3-5/8" METAL STUDS AT 16" O.C.. SECURE TO FLOOR PER 16/A3.0.
[Pattern]	COOLER WALLS

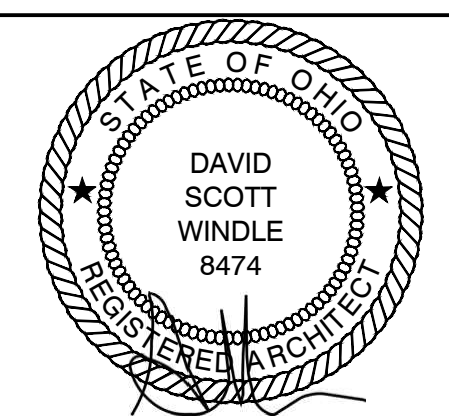
WALL TYPE SCHEDULE

MATERIALS	1	2	3	4	5	6	7	8	9	10
FRAMING										
3 5/8" METAL (25 GA. FOR FULL WALL)		●			●		●			
3 5/8" METAL LOW WALL (20 GA.)			●	●						
EXISTING WALL	●									
SHEATHING										
5/8" GYPSUM BOARD		●								
5/8" MOISTURE RESISTANT GYPSUM BOARD				●	●					
5/8" DUROCK TO 12" A.F.F.				●	●		●	●		
1/2" PLYWOOD			●				●	●		
COMPONENTS										
WATERPROOF MEMBRANE TO 48" A.F.F. (KITCHEN SIDE ONLY)				●	●					
WATER PROOF MEMBRANE AT 12" A.F.F.							●	●		
STRUCTURAL TUBE BRACING AT LOW WALL						●				
FIBERGLASS REINFORCEMENT PANEL							●	●		
STAINLESS STEEL PANEL									●	

NOTE: G.C. TO PROVIDE 5/8" PLYWOOD BACKING AS DIRECTED BY OWNER IN PLACE OF 5/8" GYPSUM BOARD. REFER TO DETAILS 16/A3.0 AND 17/A3.0 FOR WALL CONNECTIONS.

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LICENSE #8474
EXPIRATION: 12/31/2023
02/16/22

DICKEY'S - MILFORD
1090 STATE ROUTE 28
MILFORD, OH 45150
CLIENT: LEWIS RESTAURANT GROUP, LLC
126 SUNSET PLACE
GODHEN, OH 45122



OH-2107

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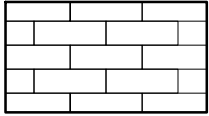
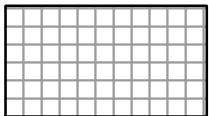
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DIMENSIONED AND NOTED FLOOR PLAN

SHEET NUMBER:
A1.0

DS4 PROJECT NUMBER:
DBQ21011

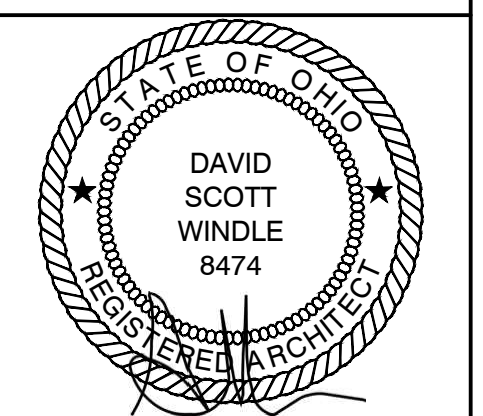
FINISH LEGEND (FOR REF. ONLY)						
TAG	MANUF.	DESCRIPTION	LOCATION	COLOR	FINISH	REMARKS
FLOOR						
F-1	MOHAWK GROUP	6"x48" TILE PLANK RESILIENT FLOORING	CUSTOMER AREA	MESQUITE ETCHWORKS CO064, 12MIL COLOR: REALIST 258	RESILIENT TILE, SLIP RESISTANT	
F-2		6" QUARRY TILE, GROUT: MAPEI ULTRAFLEX 2, #47 CHARCOAL	KITCHEN	RED 0084	SMOOTH FINISH	
BASE						
B-1	DALTILE PAVERS	6" QUARRY TILE, GROUT: MAPEI ULTRAFLEX 2, #47 CHARCOAL	KITCHEN	RED 0084	SMOOTH FINISH	
B-2	STANFORD SONOMA	2"x6" WOOD BASE	ALL CUSTOMER AREA WALLS	WOOD BASE	2"x6" WOOD BASE, PAINTED BLACK	2 COATS OF CABOT BROWN MAHOGANY STAIN AND 1 COAT OF CLEAR FINISH STAIN
B-3	EXISTING	RUBBER COVE. BASE	RESTROOMS			
CEILING						
C-1	USG OR APPROVED EQUAL	GYP. BD, 2x2 NON-PERFORATED LAY-IN WITH HEAVY DUTY "T" BAR GRID	CUSTOMER AREA CORRIDOR	FLAT BACK (205) 2'x2' FISSURED	NEW GRID TO MATCH EXISTING.	REFER TO DETAIL 9/A3.0. EXISTING GRID TO BE PAINTED P-1
C-2	USG OR APPROVED EQUAL	VINYL CLAD, GYP. BD, 2x4 NON-PERFORATED LAY-IN WITH HEAVY DUTY "T" BAR GRID	KITCHEN, SERVICE AREA	3270 CLEAN ROOM CLIMAPLUS, WHITE (50)	1/2" GRID: DONN HEAVY DUTY DX/DXL FLAT WHITE	SMOOTH AND WASHABLE. REFER TO DETAIL 9/A3.0
C-3	EXISTING	5/8" TYPE "X" GYPSUM BOARD CEILING	SOFFIT, RESTROOMS	REFER TO RCP	P-3	EXISTING TO REMAIN. PATCH AND REPAIR AS NEEDED
WAINSCOT AND WALLS						
P-1	SHERWIN WILLIAMS	SW6285- TRICORN BLACK	CUSTOMER AREA, INTERIOR DOORS & FRAMES	TRICORN BLACK	LATEX- ACRYLIC SEMI-GLOSS FINISH, 3 COATS	
P-2	BEHR PREMIUM	ULTRA PURE WHITE #2450	KITCHEN SIDE DOORS & FRAMES	ULTRA PURE WHITE		
WP-1	STANFORD SONOMA	RECLAIMED WOOD SLATS	CUSTOMER AREA	RECLAIMED WOOD SLATS		ALL DINING ROOM WALLS, LOW WALLS & HALLWAY WALLS
WP-2	STANFORD SONOMA	ROLLED METAL PANEL AND DECORATIVE TRIM, ATTACH #6 METAL FINISH SCREWS	SERVICE LINE			G.C. TO INSTALL, VENDOR PROVIDED
WP-3	STAINLESS STEEL VENDOR	STAINLESS STEEL PANEL	SMOKER	STAINLESS STEEL	SMOOTH	RE: PLANS FOR LOCATION
FRP	MARLITE (OR APPROVED EQUAL)	4'x10' FIBERGLASS REINFORCED PANEL	ALL BACK OF HOUSE WALLS	P-100 WHITE PEBBLE 4'x10x FIBERGLASS REINFORCED PANEL		CONTRACTOR TO PROVIDE ALL NECESSARY AND REQUIRED TRIM AND ACCESSORIES
GRAPHICS	FURNISHED BY OWNER	GRAPHIC WALLPAPER	CUSTOMER AREA	FURNISHED BY OWNER	FURNISHED BY OWNER	FIELD VERIFY MEASUREMENTS BEFORE ORDERING
MISC.						
CT-1	WOOD TOP	STANFORD SANOMA	HALF WALL			
NOTES						
1. G.C. MUST VERIFY ALL FINISHES WITH TENANT PRIOR TO ORDERING AND INSTALLATION.						
2. FRP & CEILING TILE SUPPLIED AND INSTALLED BY G.C.						

GENERAL NOTES	
1	REFER TO FLOOR FINISH PLAN
2	REFER TO WALL SECTIONS FOR PLACEMENT OF WATERPROOFING AT ALL WALLS WITH CEMENTITIOUS BACKER BOARD.
3	PROVIDE WOOD BLOCKING AT ALL HUNG EQUIPMENT AND RESTROOM.
4	REFER TO FINISH SCHEDULE AND DETAILS FOR APPLIED FINISHES.
5	REFER TO KITCHEN PLANS FOR ALL FLOOR DRAINS/FLOOR SINKS/TRENCH DRAINS LOCATIONS.
6	ALL RECESSED FIXTURE TRIMS TO BE PAINTED TO MATCH ADJACENT CEILING.
7	ALL SURFACE MOUNTED EMERGENCY FIXTURES TO BE PAINTED TO MATCH ADJACENT CEILING.
8	ALL A/C GRILLS, SPEAKERS, ETC. TO BE PAINTED TO MATCH ADJACENT CEILING.
KEY NOTES:	
1	ALUMINUM THRESHOLD, REFER TO DETAIL 5/A3.0
2	EXISTING MOP SINK, REFER TO PLUMBING DRAWINGS.
3	NEW FLOOR SINK, REFER TO DETAIL 1/A3.0 AND PLUMBING DRAWINGS.
4	EXISTING HUB DRAIN, REFER TO PLUMBING DRAWINGS.
5	NEW FLOOR DRAIN, REFER TO PLUMBING DRAWINGS.
6	STARTING POINT OF FLOOR.
7	PREFABRICATED WALK-IN COOLER BY VENDOR.
8	LETTER "D" INTERIOR LIGHTED SIGN. REFER TO DETAIL 12/A3.0.
9	EXISTING GREASE INTERCEPTOR, REFER TO PLUMBING DRAWINGS.
10	TRANSITION STRIP. REFER TO DETAIL 2/A1.1.

FLOOR FINISH LEGEND	
	4"x48" TILE PLANK RESILIENT FLOORING (F-1)
	6" QUARRY TILE (F-2)

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 1090 STATE ROUTE 28
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CLIENT: LEWIS RESTAURANT GROUP, LLC
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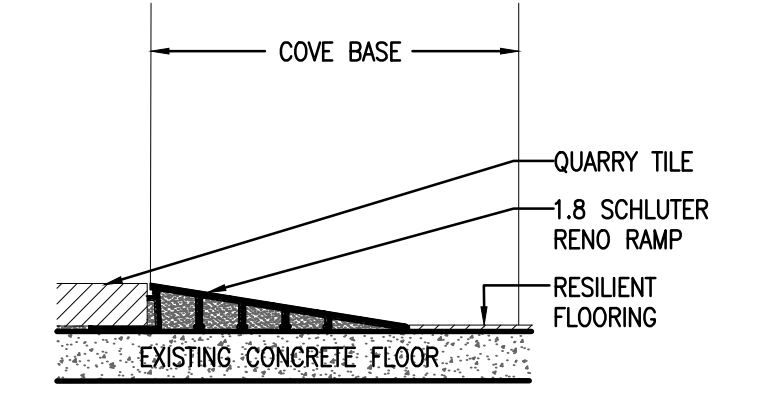
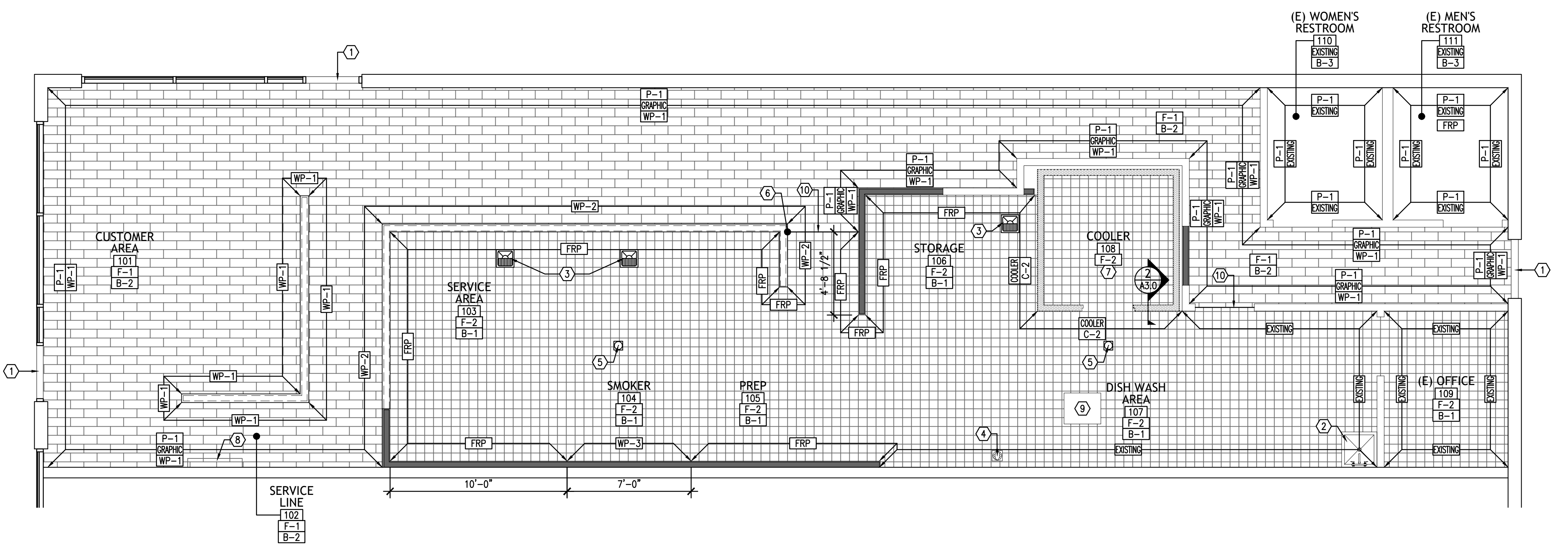
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SHEET TITLE:
FLOOR FINISH PLAN AND SCHEDULES

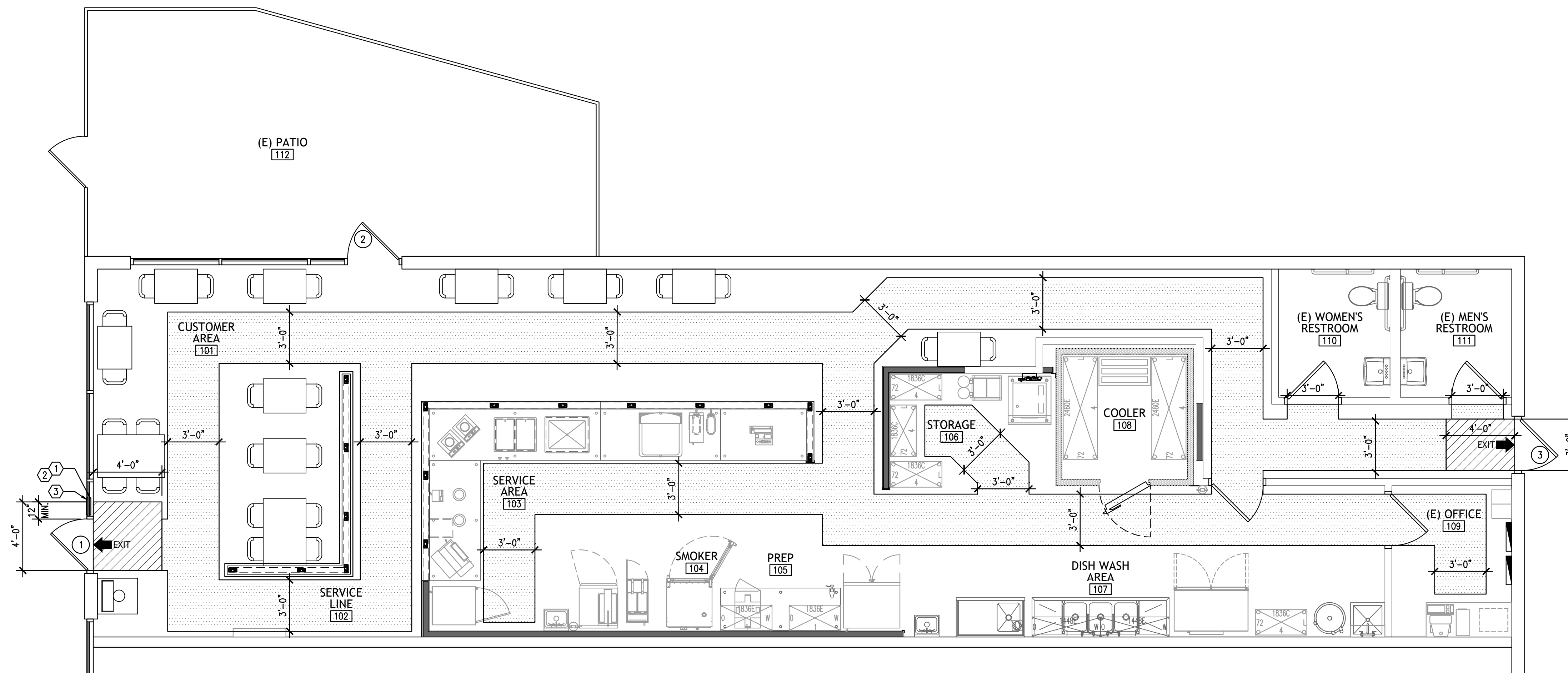
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A1.1

DS4 PROJECT NUMBER:
DBQ21011



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

FLOOR TRANSITION DETAIL
 6"=1'-0" 2



BUILDING DATA			
LEASE AREA	1890 SQ. FT.		
SEATING COUNT			
2 TOPS TABLES x	9	=	18
4 TOPS TABLES x	2	=	8
BAR STOOL x	0	=	0
TOTAL DINING:	26		
H.C. SEATING REQUIRED			
26 x .05		=	2 SPACES REQ'D
EGRESS LAYOUT NOTES			
1 TACTILE EXIT SIGNS SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS:			
A) EACH GRADE LEVEL EXTERIOR DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT WITH THE WORD "EXIT"			
B) EACH EXIT, EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO HAVE A VISUAL EXIT SIGN, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS, "EXIT ROUTE"			
EGRESS CALCULATION			
REQUIRED	11	IN.	
PROVIDED	11	IN.	
OCCUPANCY LOAD CALCULATION			
USE	SQUARE FOOTAGE	OCCUPANT LOAD FACTOR	OCCUPANCY AMOUNT
CUSTOMER AREA:	580	15	39
SERVICE LINE:	90	5	18
SERVICE AREA:	215	100	2
STORAGE/PREP AREA:	455	200	2
PATIO AREA:	380	15	25
OFFICE:	65	100	1
COOLER:	64	0	0
RESTROOM/CORRIDOR AREA:	250	0	0
TOTAL:			87
EXIT OCCUPANCY LOADS			
DOOR	EGRESS WIDTH	OCCUPANCY LOAD	
#1	36 IN.	44	
#3	36 IN.	43	
FURNISHING NOTES			
1.	HEIGHT OF TABLES AND COUNTERS SHALL BE 28" MINIMUM-34" MAXIMUM		
2.	MANEUVERING CLEARANCE SHALL BE 30"x48"		
3.	KNEE CLEARANCE SHALL BE 27" HIGH, 19" DEEP AND 30" WIDE		
KEY NOTES			
1	OCCUPANCY LOAD SIGN, VERIFY LOCATION WITH FIRE MARSHALL PRIOR TO INSTALL.		
2	TACTILE "EXIT ROUTE" SIGN, VERIFY LOCATION WITH FIRE MARSHALL PRIOR TO INSTALL.		
3	ADDRESS NUMBER SHALL BE MINIMUM OF 6 INCHES (152.4 MM) HIGH WITH A MINIMUM STROKE WIDTH 0.5 INCH (12.7 MM).		

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 MILFORD, OH 45150
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SHEET TITLE:
EGRESS FLOOR PLAN

SHEET NUMBER:
A1.2

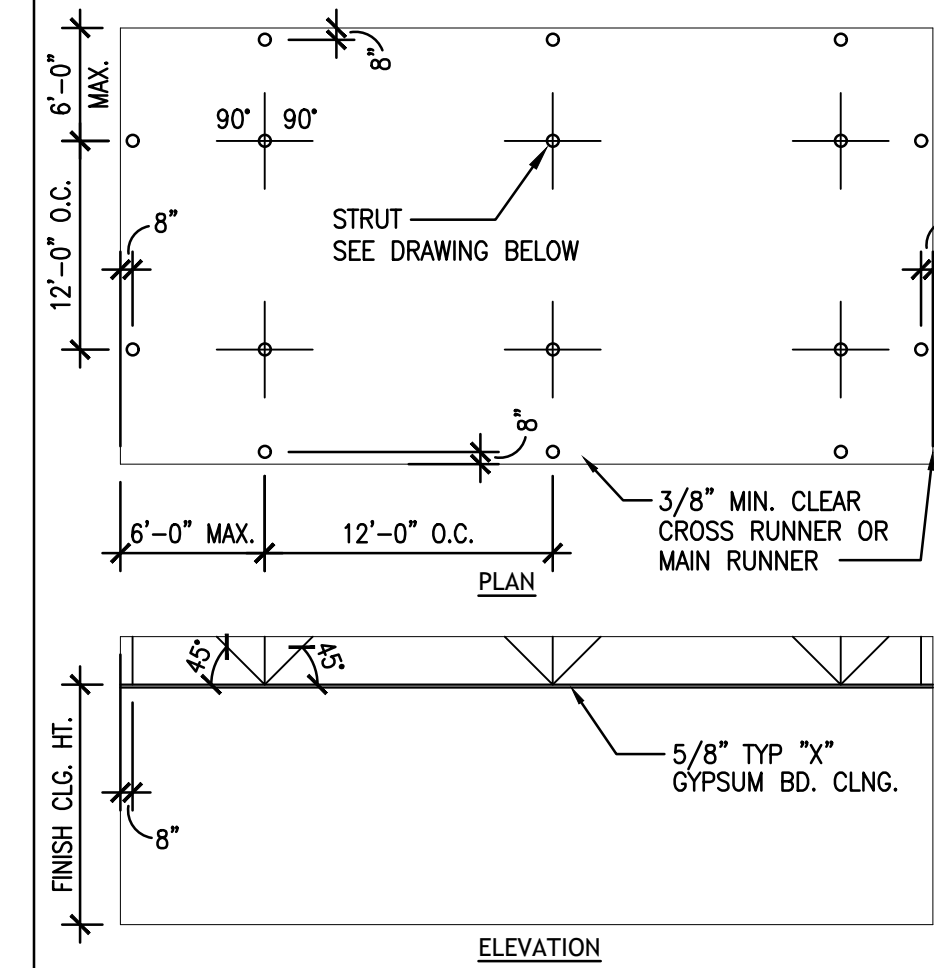
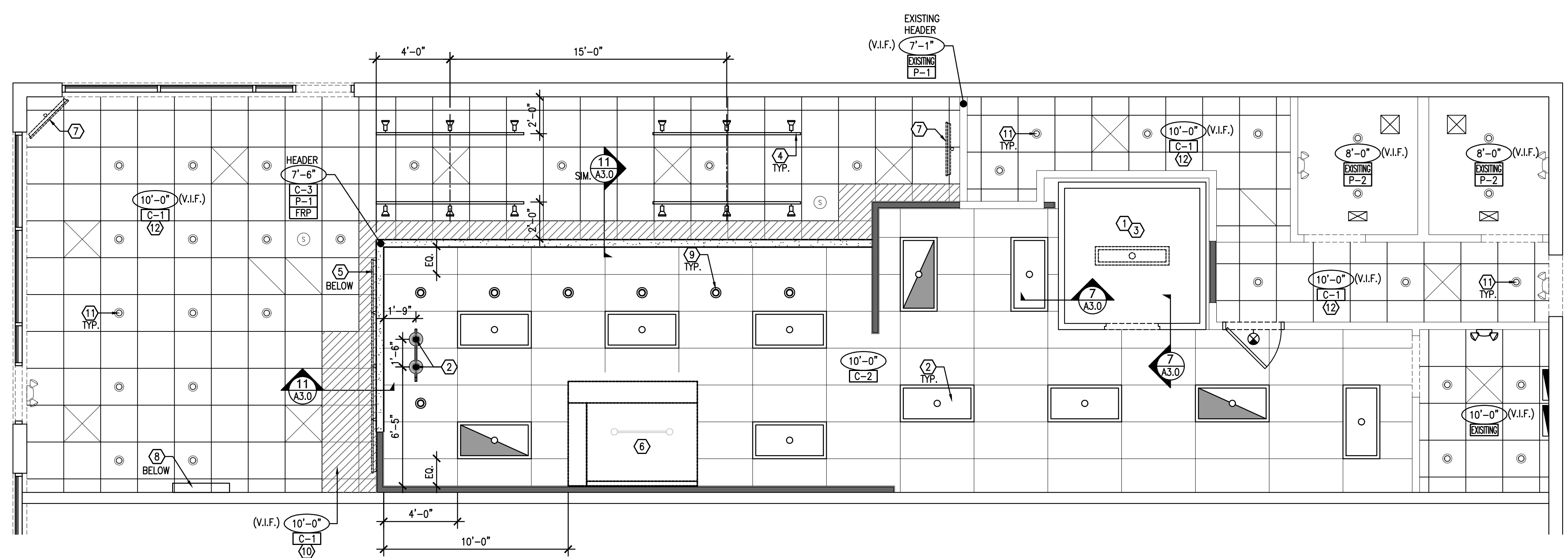
ISSUE PROJECT NUMBER:
DBQ21011

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

TAG	MANUF.	DESCRIPTION	LOCATION	COLOR	FINISH	REMARKS
C-1	USG OR APPROVED EQUAL	GYP. BD, 2x2 NON-PERFORATED LAY-IN WITH HEAVY DUTY "T" BAR GRID	CUSTOMER AREA, CORRIDOR	FLAT BACK (205) 2'X2' FISSURED	NEW GRID TO MATCH EXISTING.	REFER TO DETAIL 9/A3.0. EXISTING GRID TO BE PAINTED P-1
C-2	USG OR APPROVED EQUAL	VINYL CLAD, GYP. BD, 2x4 NON-PERFORATED LAY-IN WITH HEAVY DUTY "T" BAR GRID	KITCHEN, SERVICE AREA	3270 CLEAN ROOM CLIMAPLUS, WHITE (50)	1/2" GRID: DONN HEAVY DUTY DX/DXL FLAT WHITE	SMOOTH AND WASHABLE. REFER TO DETAIL 9/A3.0
C-3	EXISTING	5/8" TYPE "X" GYPSUM BOARD CEILING	SOFFIT, RESTROOMS	REFER TO RCP	P-3	EXISTING TO REMAIN. PATCH AND REPAIR AS NEEDED
P-1	SHERWIN WILLIAMS	SW6285- TRICORN BLACK	CUSTOMER AREA, INTERIOR DOORS & FRAMES	TRICORN BLACK	LATEX- ACRYLIC SEMI-GLOSS FINISH, 3 COATS	
P-2	BEHR PREMIUM	ULTRA PURE WHITE #2450	KITCHEN SIDE DOORS & FRAMES	ULTRA PURE WHITE		

GENERAL NOTES	
1	ALL RECESSED FIXTURE TRIMS TO BE PAINTED TO MATCH ADJACENT CEILING.
2	ALL SURFACE MOUNTED EMERGENCY FIXTURES TO BE PAINTED TO MATCH ADJACENT CEILING.
3	ALL A/C GRILLS, SPEAKERS, ETC. TO BE PAINTED TO MATCH ADJACENT CEILING.
4	GENERAL CONTRACTOR SHALL LOCATE ALL EXISTING POST-TENSIONING STRANDS IN EITHER DIRECTION PRIOR TO INSTALL OF ANCHORS. IT IS IMPERATIVE THAT NO STRANDS BE DAMAGED BY THE USE OF ANCHORS. PENETRATION OF ANCHORS INTO SLAB SHALL NOT EXCEED 1 1/2".
5	REFER TO ELECTRICAL FOR ALL LIGHT FIXTURES.
Ⓞ KEY NOTES:	
1	LIGHT FIXTURE IN COOLER, REFER TO ELECTRICAL.
2	LIGHTING, REFER TO ELECTRICAL, VERIFY ALL HEIGHTS WITH OWNER.
3	NO CEILING ABOVE COOLER.
4	NEW TRACK LIGHTS. REFER TO ELECTRICAL.
5	MENU MONITOR BOARD (40" TV'S). REFER TO DETAIL 11/A3.0 AND ELECTRICAL. MOUNTS PROVIDED AND INSTALLED BY VENDOR.
6	NEW MECHANICAL HOOD, REFER TO MECHANICAL.
7	POLE MOUNTED 40" TELEVISION, REFER TO 8/A3.0 AND ELECTRICAL. MOUNTS PROVIDED AND INSTALLED BY VENDOR.
8	DICKEY'S "D" SIGN BELOW. REFER TO ELECTRICAL.
9	NEW LIGHT FIXTURE CENTERED IN CEILING TILE, TYPICAL (U.N.O.).
10	NEW CEILING TILE AND GRID, TYPICAL, GRID TO MATCH EXISTING ADJACENT.
11	EXISTING LIGHTING FIXTURE TO REMAIN. REFER TO ELECTRICAL.
12	EXISTING GRID TO REMAIN, PAINT P-1. NEW CEILING TILES TO REPLACE EXISTING.

LIGHT FIXTURE LEGEND	
	2x4 LED FIXTURE
	RECESSED CAN LIGHT
	1x4 FLUORESCENT FIXTURE
	8' TRACK LIGHT MOUNTED TO CEILING
	EXIT SIGN, REFER TO ELECTRICAL DRAWINGS
	EMERGENCY LIGHT, REFER TO ELECTRICAL DRAWINGS
	EMERGENCY LIGHT AND SIGN COMBO, REFER TO ELECTRICAL DRAWINGS
	SUPPLY DIFFUSER, REFER TO MECHANICAL DRAWINGS
	RETURN GRILL, REFER TO MECHANICAL DRAWINGS
	EXHAUST GRILL, REFER TO MECHANICAL DRAWINGS
	TELEVISION/MENU BOARD (PROVIDED BY OWNER)
	LOCATION OF NEW CEILING GRID



SUSPENDED CEILING NOTES:
 (ALL HANGERS TO BE #8 GALV. WIRE AT 2'-0" O.C. IF CEILING SYSTEMS ARE NOTE CONNECTED TO PARTITIONS)

A. PROVIDE LATERAL SUPPORT WITH NO.12 GA. WIRES SPAYED IN 4 DIRECTIONS, 90° APART. CONNECT AT MAIN RUNNER WITH 2'-0" OF CROSSRUNNER AND TO STRUCTURE ABOVE AT ANGLE NOT TO EXCEED 45 DEGREES FROM PLANE OF CEILING. THESE LATERAL SUPPORTS TO BE 12'-0" O.C. WITH FIRST POINT 4'-0" FROM EACH WALL

B. ALLOWANCE TO BE PROVIDED FOR LATERAL MOVEMENT OF SYSTEM. MAIN AND CROSS RUNNERS MAYBE ATTACHED TO ADJACENT WALLS WITH CLEARANCE BETWEEN WALL AND RUNNER AT REMAINING 2 WALLS. LIGHT FIXTURES RECESSED NOT OVER 56 LBS. AND PENDANT NOT OVER 20 LBS. MAY BE POSITIVELY ATTACHED TO CEILING SYSTEM RUNNERS WITH SCREWS OR BOLTS

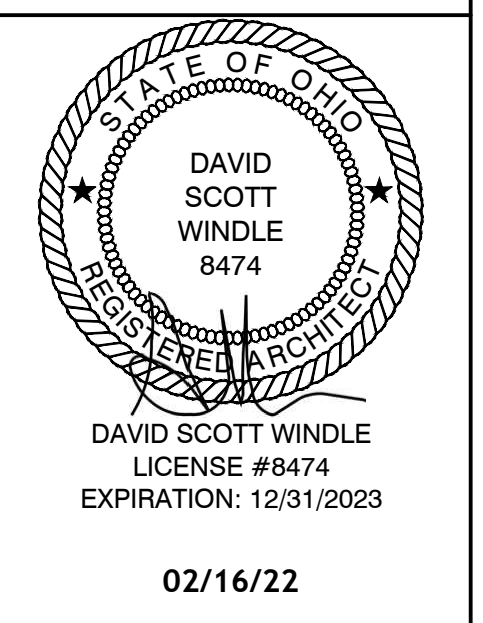
C. AIR DIFFUSERS NOT OVER 20 LBS. MAY BE POSITIVELY ATTACHED TO CEILING SYSTEM RUNNERS WITH SCREWS OR BOLTS

D. AIR DIFFUSERS NOT OVER 30 LBS. RECEIVING NO EXTRA LOAD FROM DUCTWORK MAY BE POSITIVELY ATTACHED TO CEILING WITH SCREWS OR BOLTS. LIGHTING FIXTURES, FURNISH AND INSTALL COMPLETE WITH LAMP BALLASTS AND REQUIRED MOUNTING HARDWARE. PRIOR TO ORDERING FIXTURES, VERIFY MOUNTING METHODS AND FINISHES. ALL FLUORESCENT FIXTURES MOUNTED IN "T"-BAR CEILINGS TO BE INDEPENDENTLY SUSPENDED WITH 2 #10 STEEL WIRES DIAGONALLY. INSTALLATIONS IN FIRE-RATED AREAS TO BE DONE ACCORDING TO CODE

D. CONTRACTOR TO PROVIDE COMPRESSION UNIT STRUT AT 12" O.C.

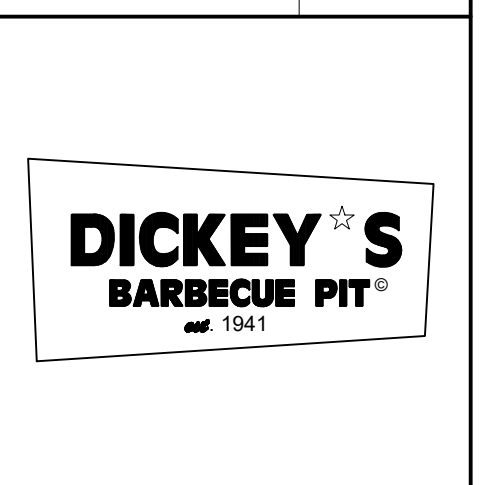
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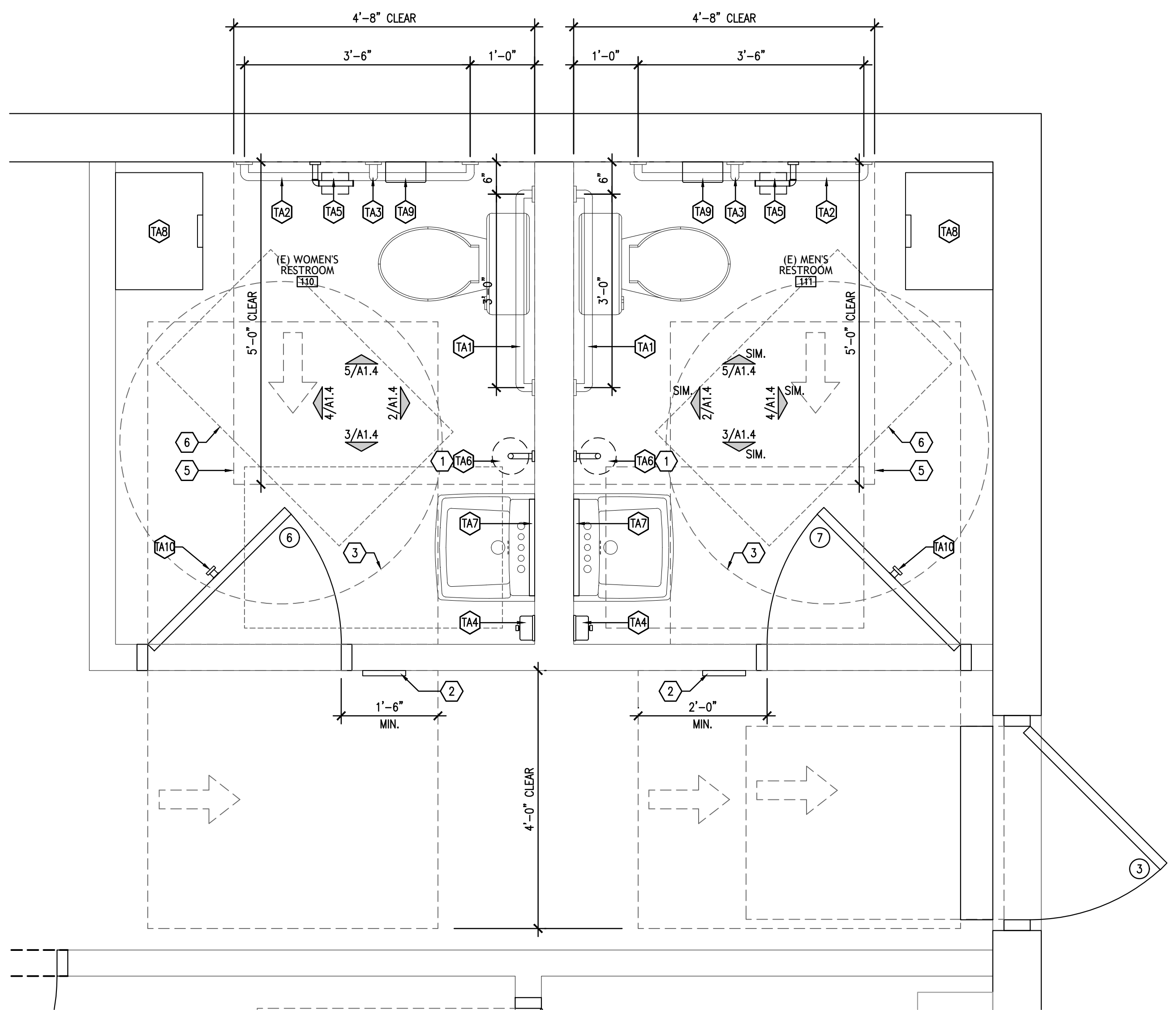
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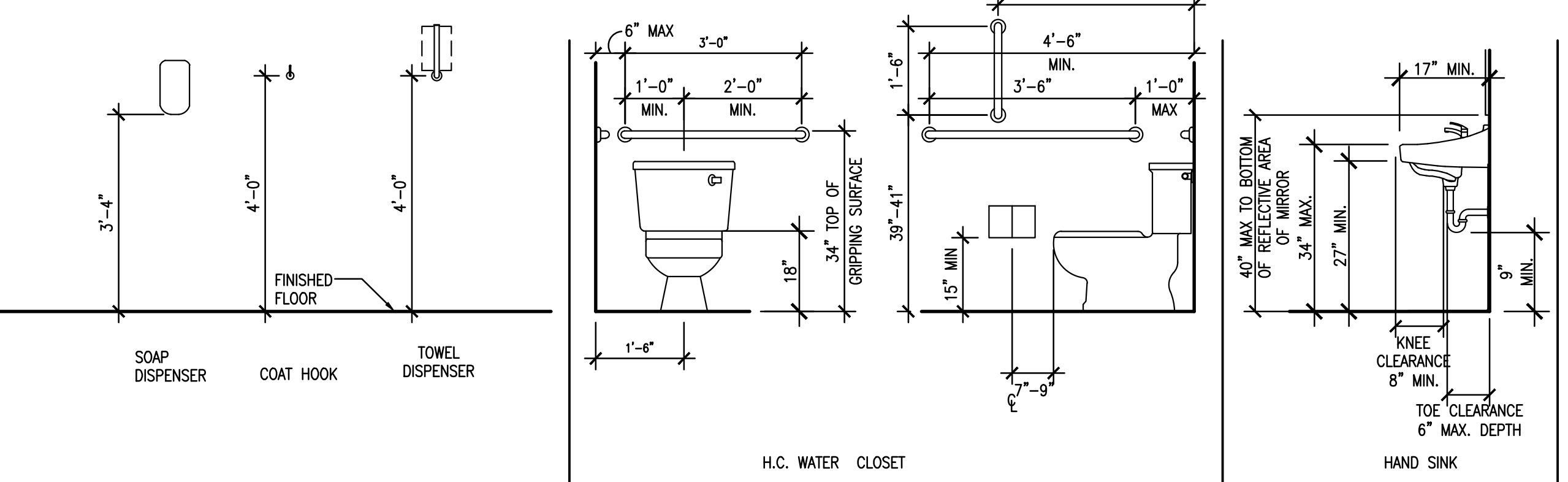
SHEET TITLE:
REFLECTED CEILING PLAN AND SCHEDULES

SHEET NUMBER:
A1.3

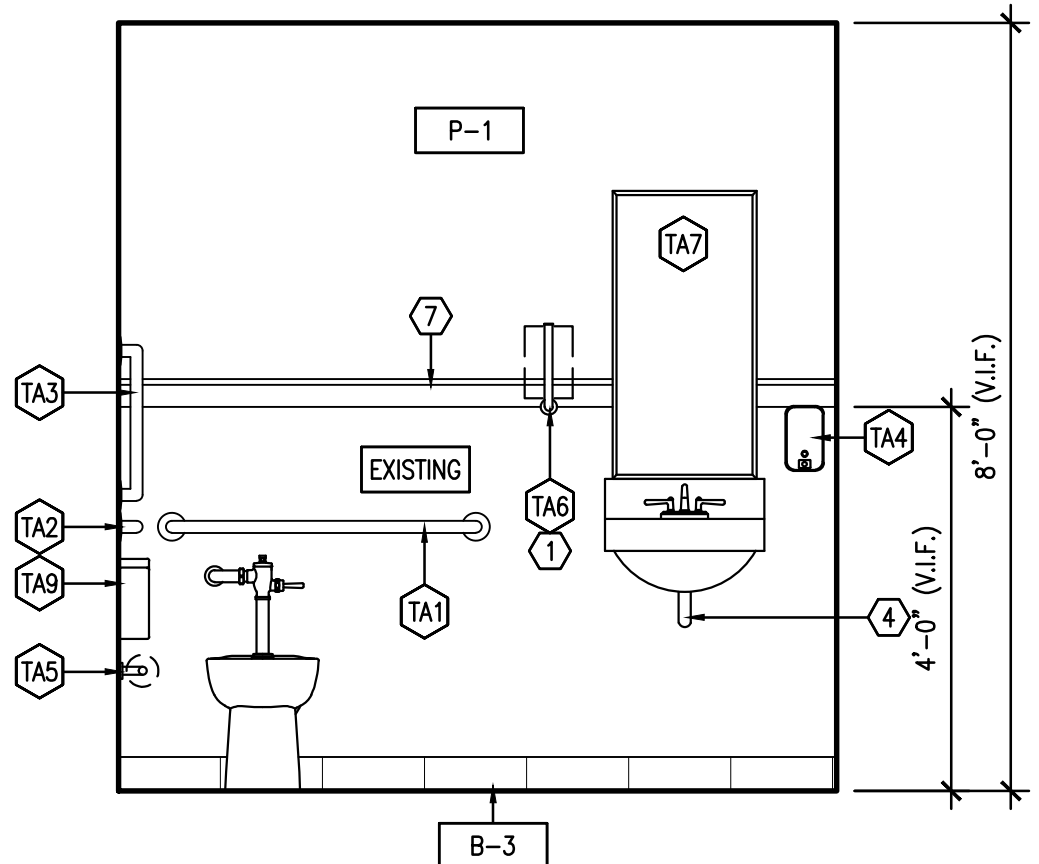


**NOTE: ALL FIXTURE AND CLEAR DIMENSIONS ARE FROM FINISH FACE.

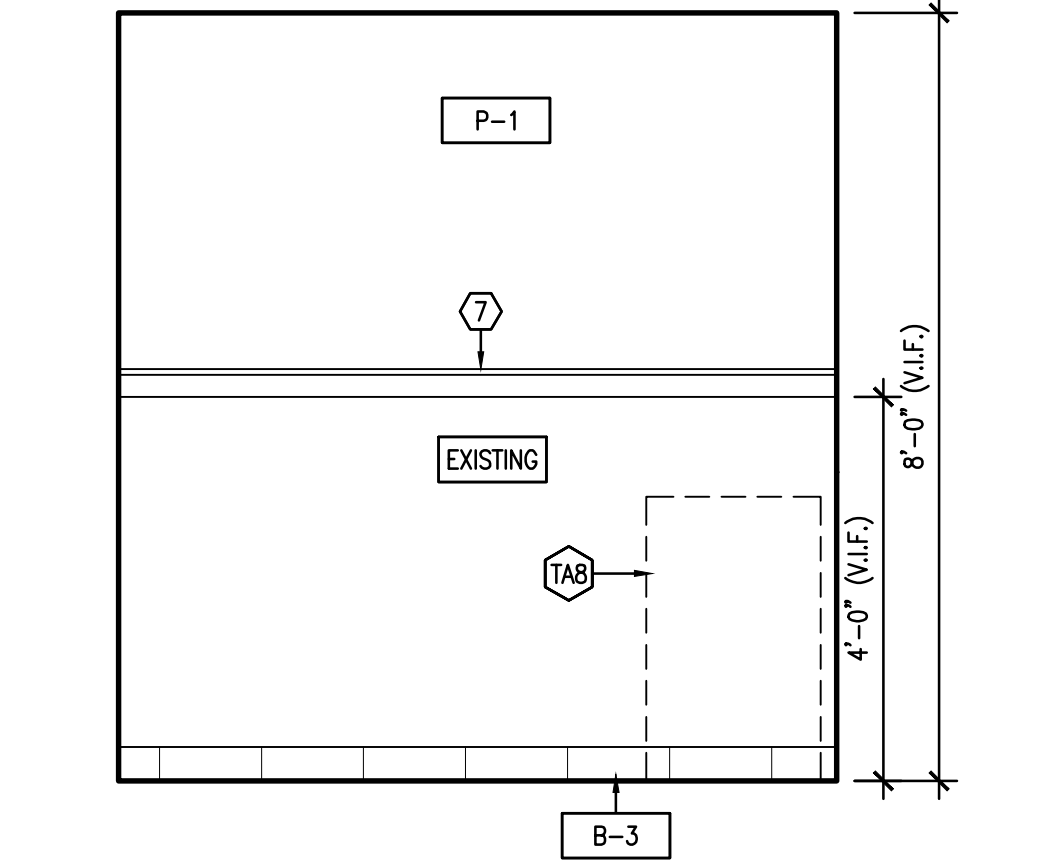
ENLARGED FLOOR PLAN
1/2"=1'-0" 1



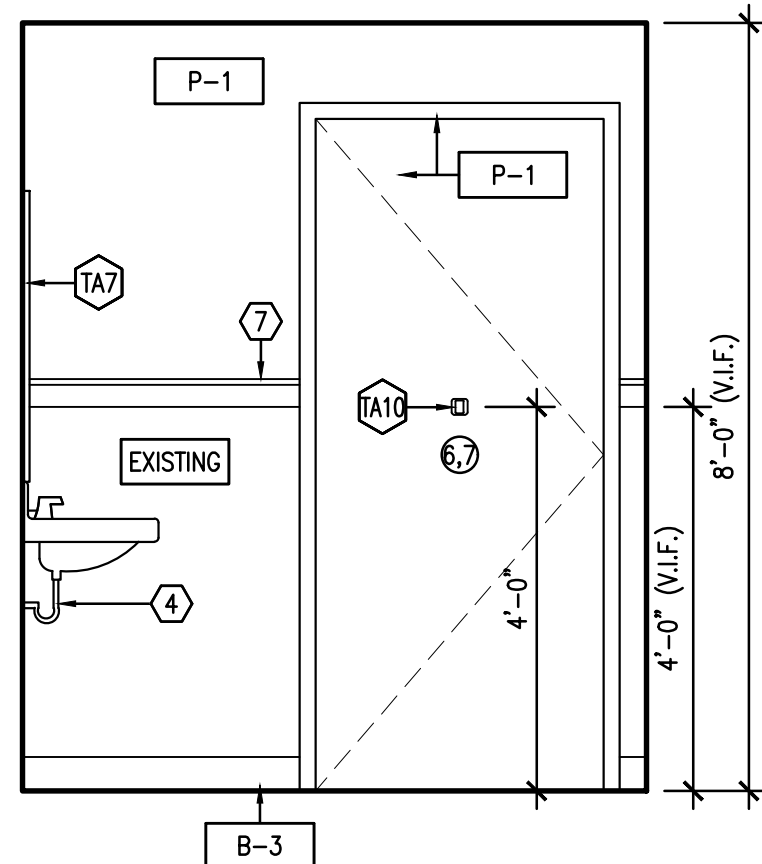
ADA REQUIREMENTS
1/2"=1'-0" 8



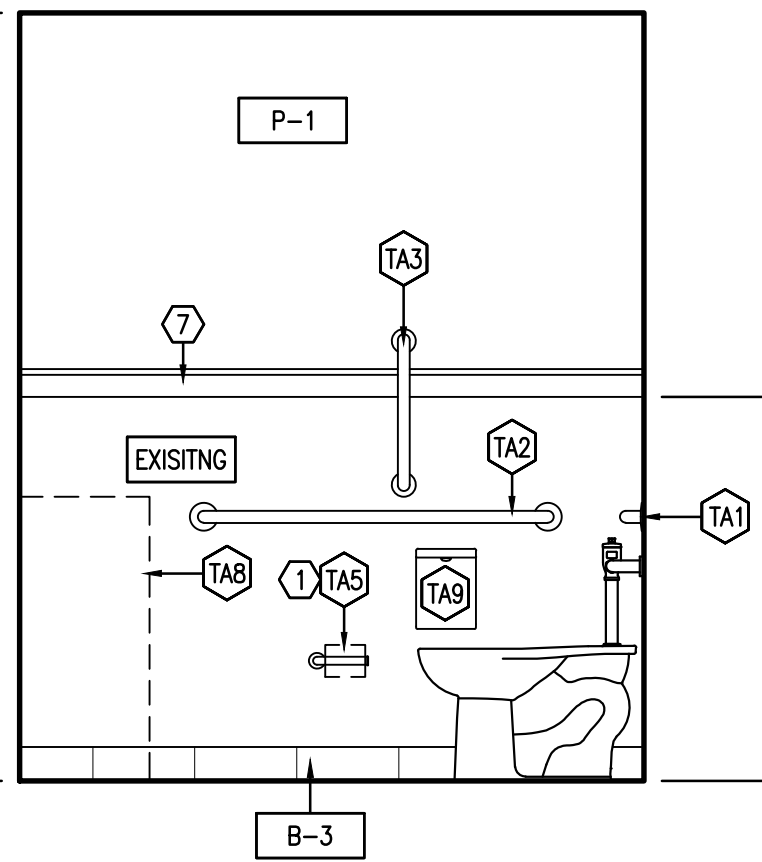
ELEVATION
1/2"=1'-0" 2



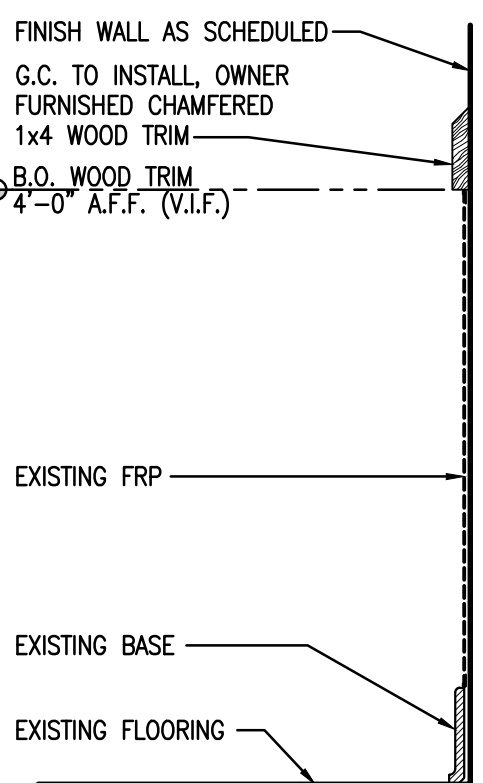
ELEVATION
1/2"=1'-0" 4



ELEVATION
1/2"=1'-0" 3



ELEVATION
1/2"=1'-0" 5



WAINSCOT DETAIL
1 1/2"=1'-0" 7

GENERAL NOTES

- ALL DIMENSIONS ARE SHOWN TO FACE OF STUD UNLESS NOTED OTHERWISE.
- REFER TO FINISH SCHEDULE A1.1 AND DETAILS FOR APPLIED FINISHES.
- PROVIDE SOLID WOOD BLOCKING IN WALL SPACE TO ENSURE ALL FIXTURES AND ACCESSORY SECURELY FASTENED.
- REFERENCE SHEETS A0.2 AND A0.3 FOR ALL MOUNTING HEIGHTS, AS PER ADA REQUIREMENTS.
- PAPER TOWEL AND TOILET PAPER HOLDER INSTALLED BY CONTRACTOR.

KEY NOTES

- PROVIDE BLOCKING FOR ALL WALL MOUNTED EQUIPMENT/SHELVES, AS REQUIRED.
- EXISTING INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN, REFER TO A0.3.
- EXISTING 5'-0" DIA. CLEAR FLOOR SPACE.
- WRAP INSULATE DRAIN PIPING IF NOT EXISTING.
- EXISTING 56" X 60" CLEAR FLOOR SPACE.
- EXISTING 30" X 48" CLEAR FLOOR SPACE.
- 1x4 WOOD CHAMFERED TRIM, RE: 7/A1.4.

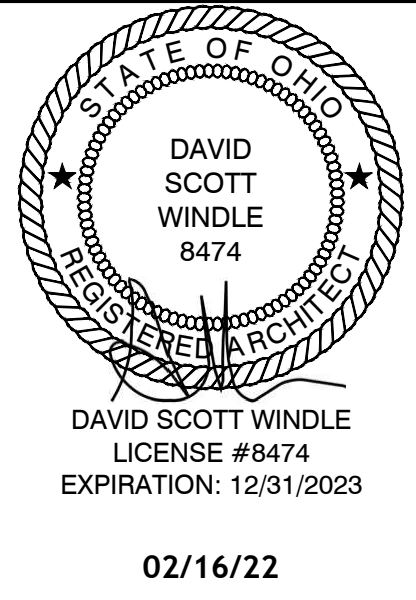
TOILET ACCESSORY SCHEDULE

TAG	ITEM	DESCRIPTION
TA1	REAR GRAB BAR	EXISTING
TA2	SIDE GRAB BAR	EXISTING
TA3	VERTICAL GRAB BAR	EXISTING
TA4	LIQUID SOAP DISPENSER	EXISTING
TA5	TOILET PAPER HOLDER	STANFORD SONOMA, MODEL: CUSTOM, BLACK IRON (VERIFY W/ OWNER)
TA6	PAPER TOWEL HOLDER	STANFORD SONOMA, MODEL: CUSTOM, BLACK IRON (VERIFY W/ OWNER)
TA7	MIRROR	EXISTING
TA8	TRASH RECEPTACLE	RUBBERMAID, MODEL: 190199, 24 GAL. METAL FRONT, STEP-ON WASTE BIN
TA9	SAN NAPKIN DISPOSAL	BOBRICK, MODEL: B-270, SURFACE MOUNTED
TA10	COAT HOOK	BOBRICK, MODEL: B-76717, STAINLESS STEEL, HEAVY DUTY

(SEE SHEET A0.1 FINISH SCHEDULE)

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DICKEY'S - MILFORD
1090 STATE ROUTE 28
MILFORD, OH 45150

CLIENT: LEWIS RESTAURANT GROUP, LLC
126 SUNSET PLACE
GODDEN, OH 45122



OH-2107

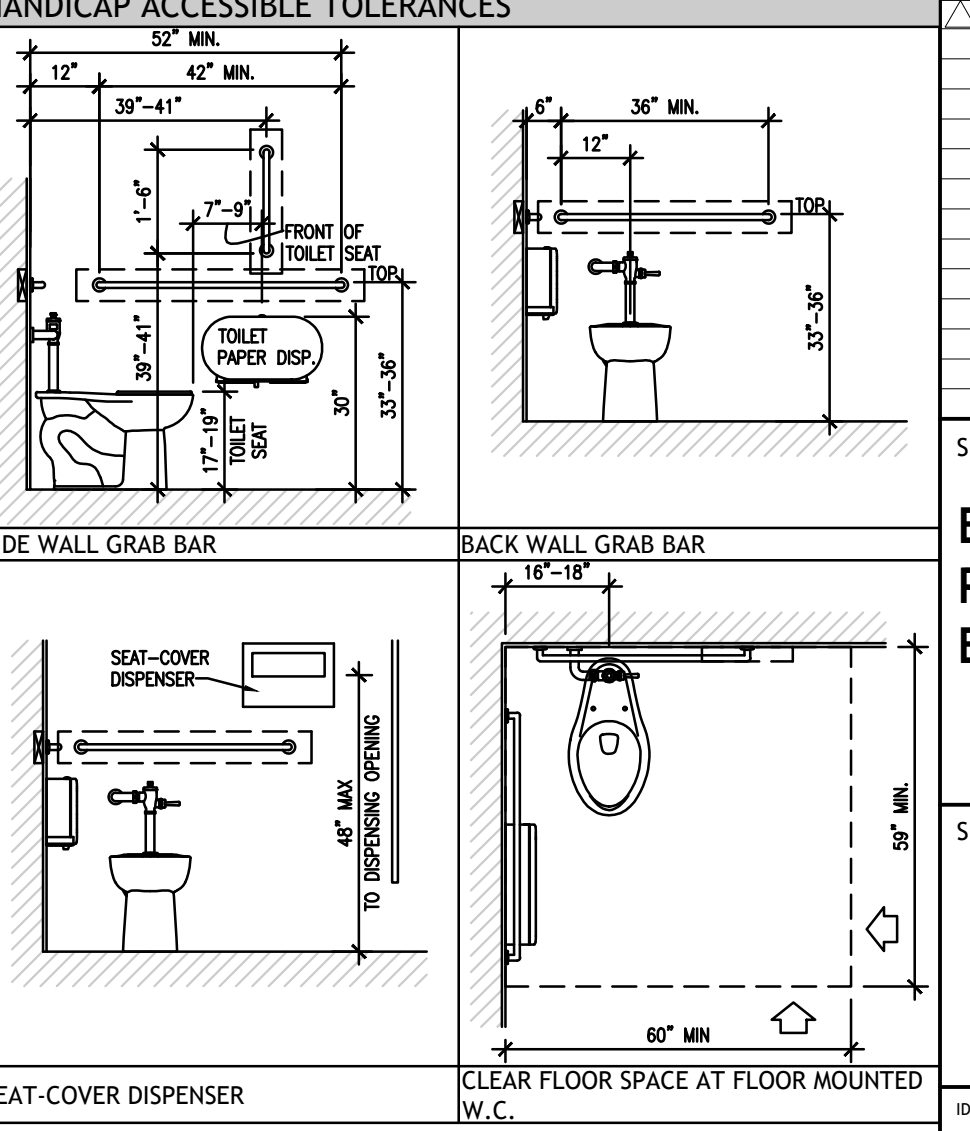
DATE	DESCRIPTION
01/28/22	DICKEY'S REVIEW ISSUE
02/16/22	PERMIT-BID

DATE	DESCRIPTION

SHEET TITLE:
ENLARGED FLOOR PLAN AND ELEVATIONS

SHEET NUMBER:
A1.4

1054 PROJECT NUMBER:
DBQ21011

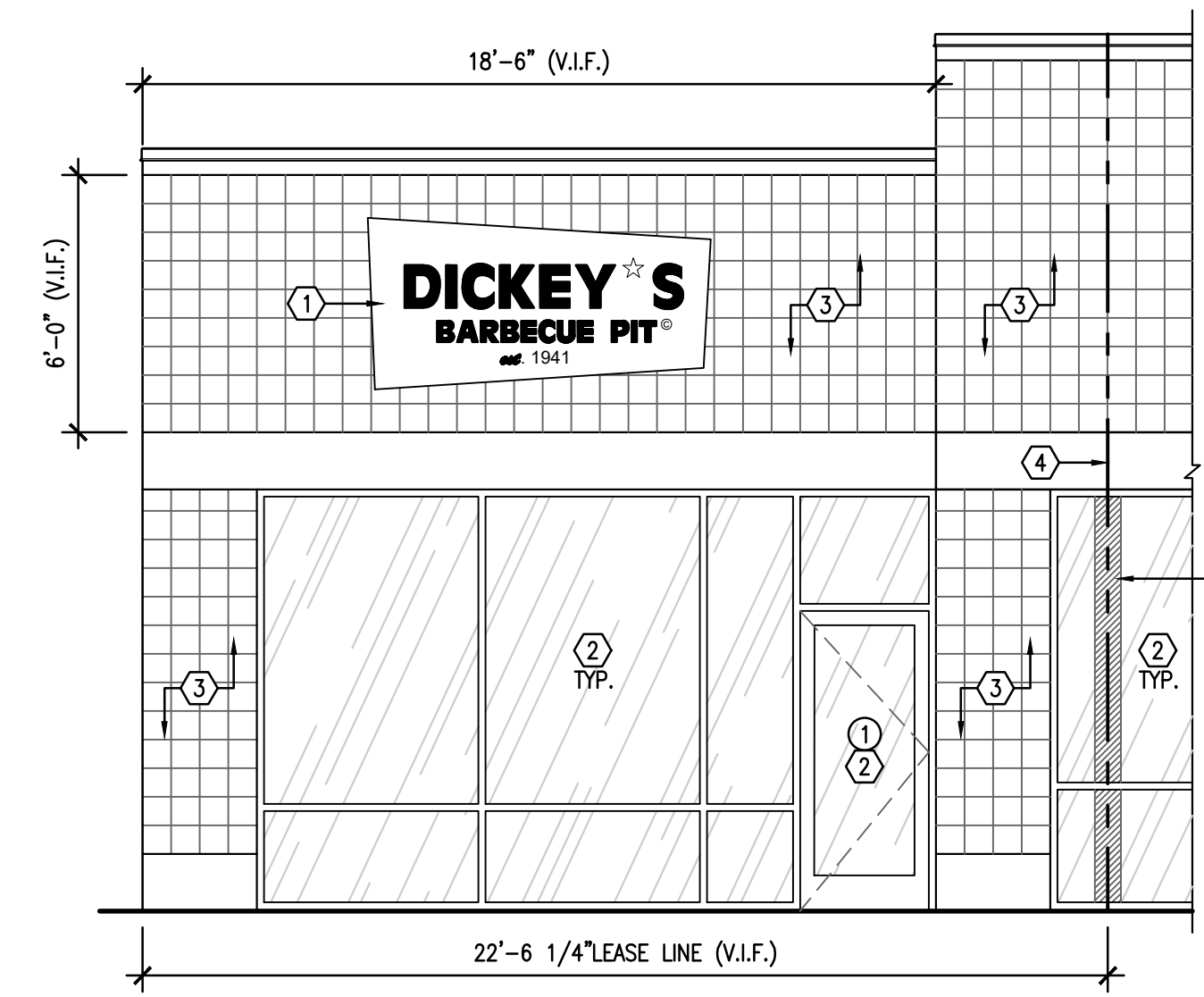


NOTES:
1. DIMENSIONS SHOWN HERE ARE FROM FACE OF WALL OR FLOOR FINISH.
2. DIMENSIONS SHOWN ON RESTROOM INTERIOR ELEVATIONS TAKE PRIORITY.

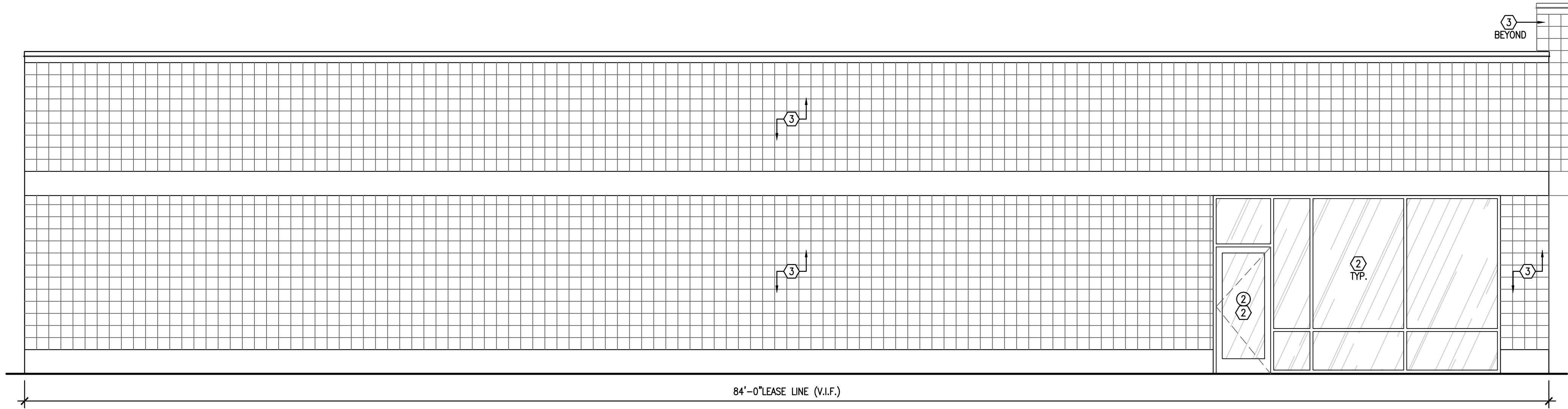
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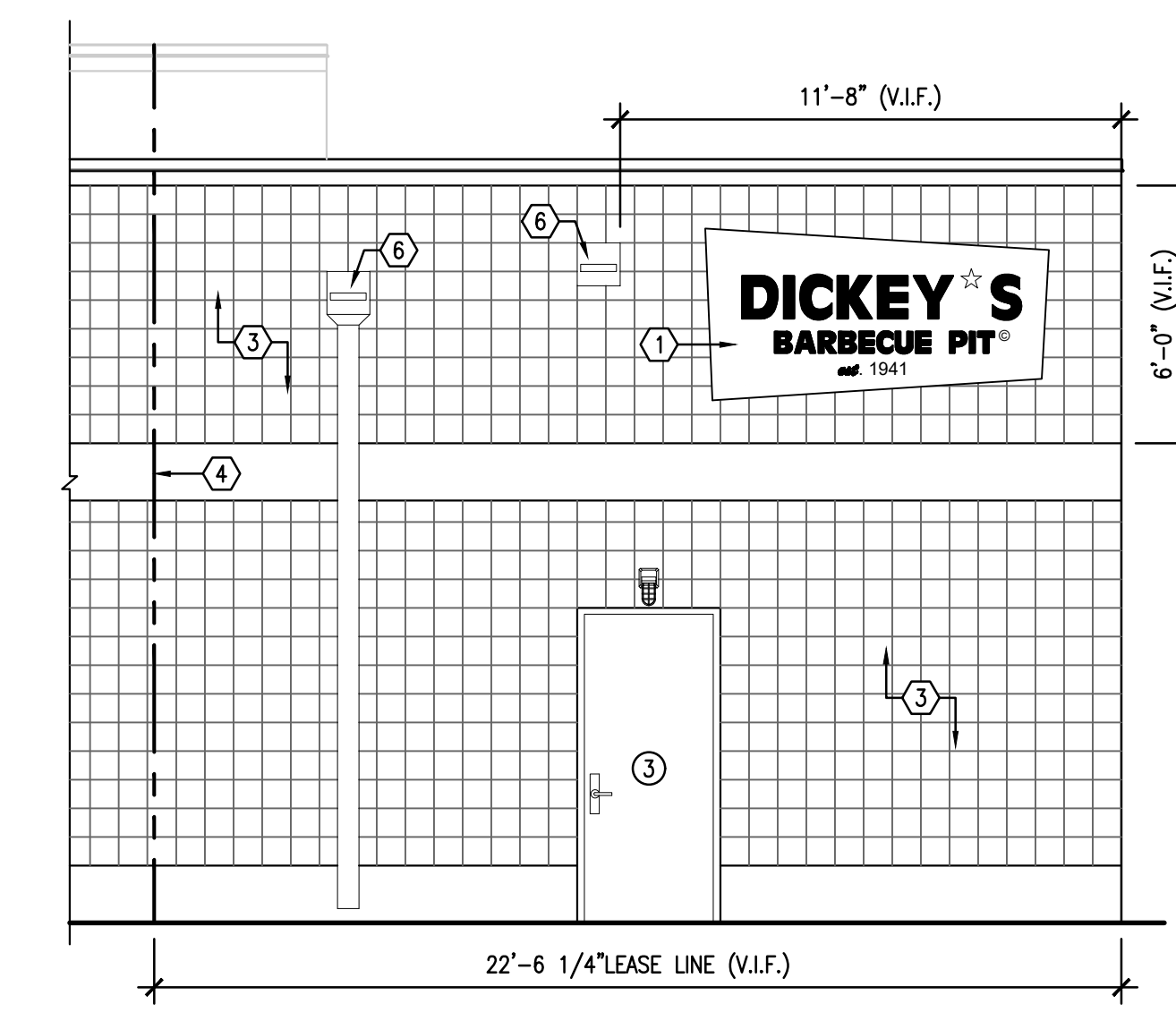
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EXTERIOR ELEVATION 1
1/4"=1'-0"



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

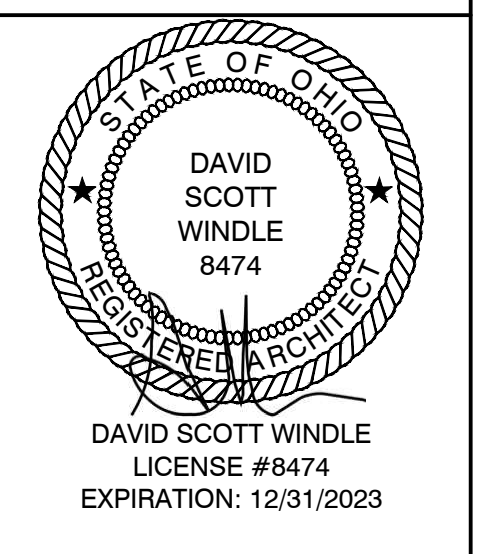


EXTERIOR ELEVATION 3
1/4"=1'-0"

- KEY NOTES:**
- NEW SIGNAGE SHOWN FOR REFERENCE ONLY. FINAL SIZE AND LOCATION TO BE DESIGNED BY SIGN VENDOR AND SUBMITTED TO DICKEY'S, LANDLORD AND CITY UNDER SEPARATE PERMIT. DIMENSIONS SHOWN ARE FOR BIDDING PURPOSES ONLY. FINAL DIMENSIONS WILL NEED TO BE VERIFIED IN FIELD. NON-ELECTRICAL SIGN AT REAR.
 - EXISTING STOREFRONT DOORS AND GLAZING SYSTEM TO REMAIN. G.C. TO HAVE GLAZING PROFESSIONALLY CLEANED PRIOR TO TURNOVER, TYPICAL.
 - EXISTING EXTERIOR FINISHES TO REMAIN, G.C. TO PATCH AND REPAINT ANY HOLES OR OLD PATCHES NOT DONE TO BASE BUILDING STANDARD, TYPICAL. COORDINATE WITH LANDLORD.
 - LEASE LINE.
 - EXISTING DEMISING WALL.
 - EXISTING GUTTER, DOWNSPOUT AND OVERFLOW TO REMAIN.

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OH-2107

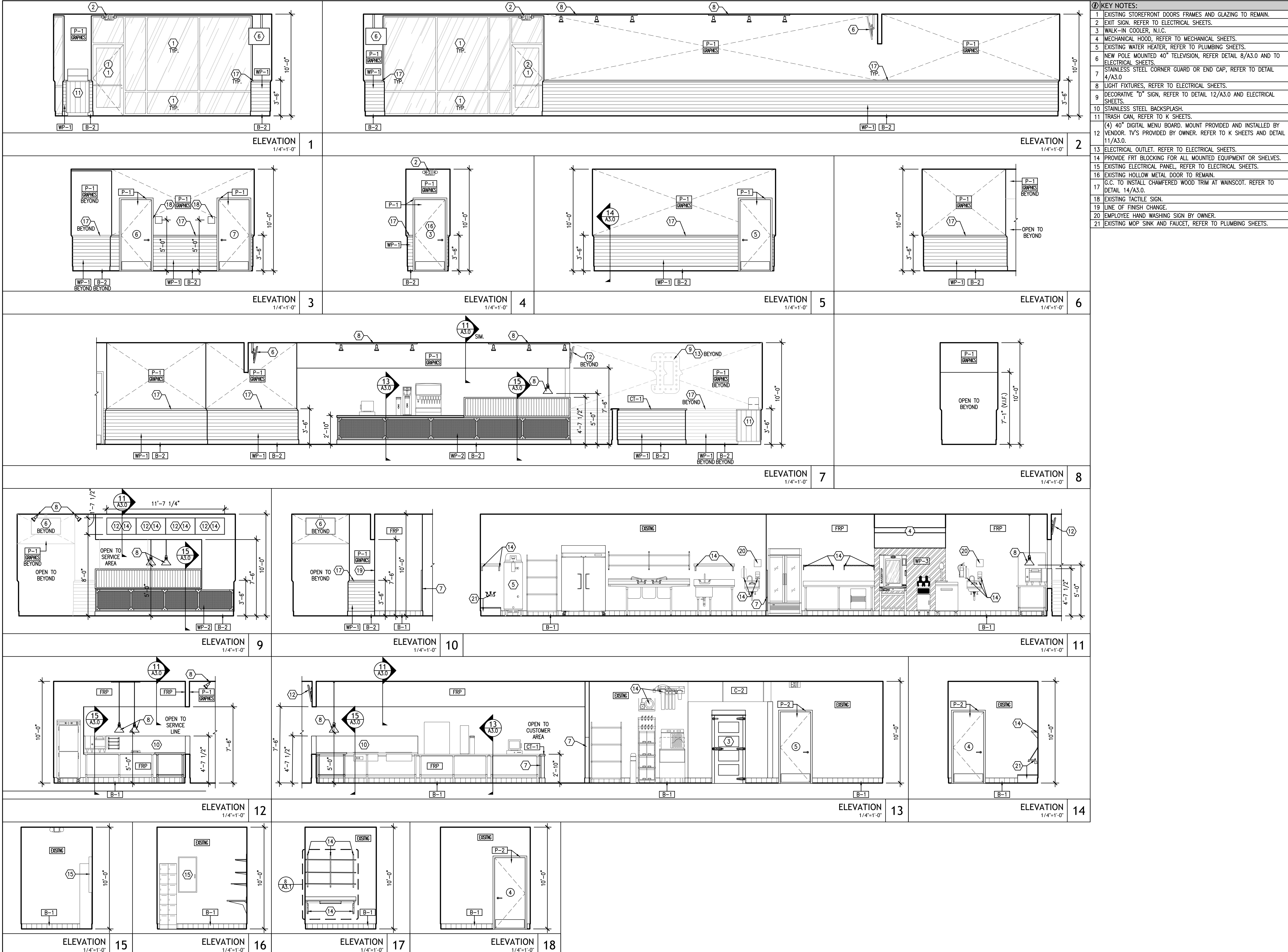
DATE	DESCRIPTION
01/28/22	DICKEY'S REVIEW ISSUE
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DATE	DESCRIPTION

SHEET TITLE:
EXTERIOR ELEVATIONS

SHEET NUMBER:
A2.0

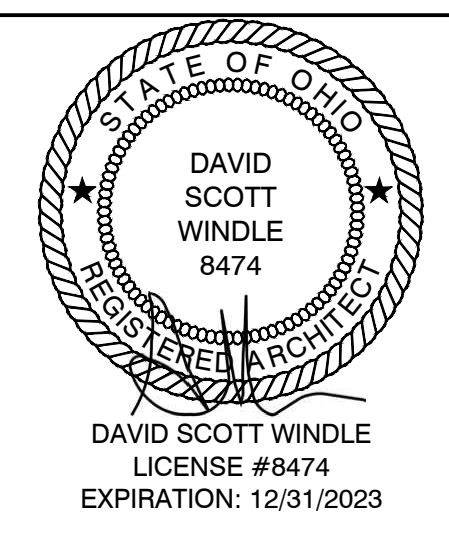
ISSA PROJECT NUMBER:
DBQ21011



- KEY NOTES:**
- 1 EXISTING STOREFRONT DOORS FRAMES AND GLAZING TO REMAIN.
 - 2 EXIT SIGN, REFER TO ELECTRICAL SHEETS.
 - 3 WALK-IN COOLER, N.I.C.
 - 4 MECHANICAL HOOD, REFER TO MECHANICAL SHEETS.
 - 5 EXISTING WATER HEATER, REFER TO PLUMBING SHEETS.
 - 6 NEW POLE MOUNTED 40" TELEVISION, REFER DETAIL 8/A3.0 AND TO ELECTRICAL SHEETS.
 - 7 STAINLESS STEEL CORNER GUARD OR END CAP, REFER TO DETAIL 4/A3.0
 - 8 LIGHT FIXTURES, REFER TO ELECTRICAL SHEETS.
 - 9 DECORATIVE "D" SIGN, REFER TO DETAIL 12/A3.0 AND ELECTRICAL SHEETS.
 - 10 STAINLESS STEEL BACKSLASH.
 - 11 TRASH CAN, REFER TO K SHEETS.
 - 12 (4) 40" DIGITAL MENU BOARD, MOUNT PROVIDED AND INSTALLED BY VENDOR. TV'S PROVIDED BY OWNER. REFER TO K SHEETS AND DETAIL 11/A3.0.
 - 13 ELECTRICAL OUTLET, REFER TO ELECTRICAL SHEETS.
 - 14 PROVIDE FRP BLOCKING FOR ALL MOUNTED EQUIPMENT OR SHELVES.
 - 15 EXISTING ELECTRICAL PANEL, REFER TO ELECTRICAL SHEETS.
 - 16 EXISTING HOLLOW METAL DOOR TO REMAIN.
 - 17 G.C. TO INSTALL CHAMFERED WOOD TRIM AT WAINSCOT. REFER TO DETAIL 14/A3.0.
 - 18 EXISTING TACTILE SIGN.
 - 19 LINE OF FINISH CHANGE.
 - 20 EMPLOYEE HAND WASHING SIGN BY OWNER.
 - 21 EXISTING MOP SINK AND FAUCET, REFER TO PLUMBING SHEETS.

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02/16/22

DICKEY'S - MILFORD
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 MILFORD, OH 45150

CLIENT: LEWIS RESTAURANT GROUP, LLC
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OH-2107

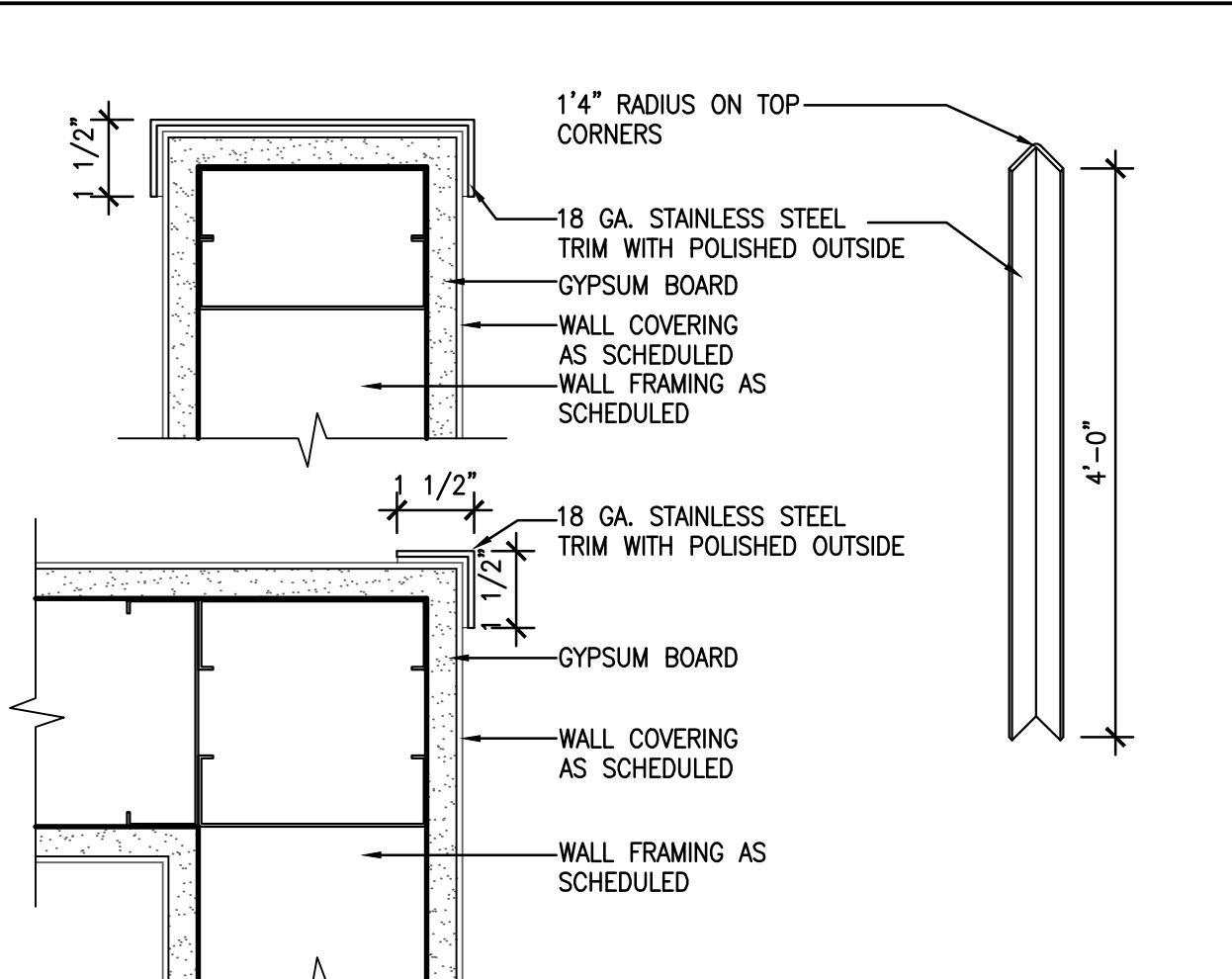
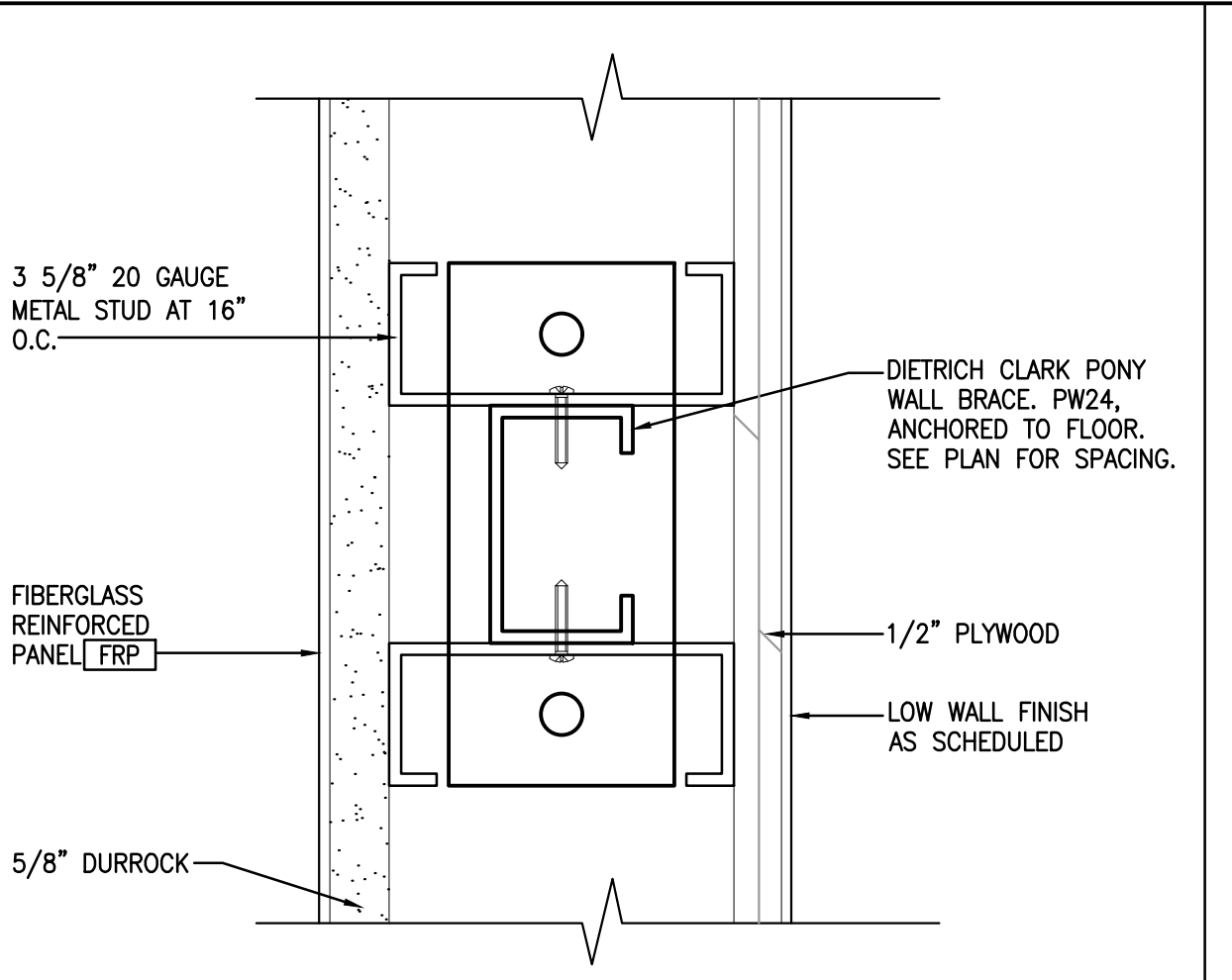
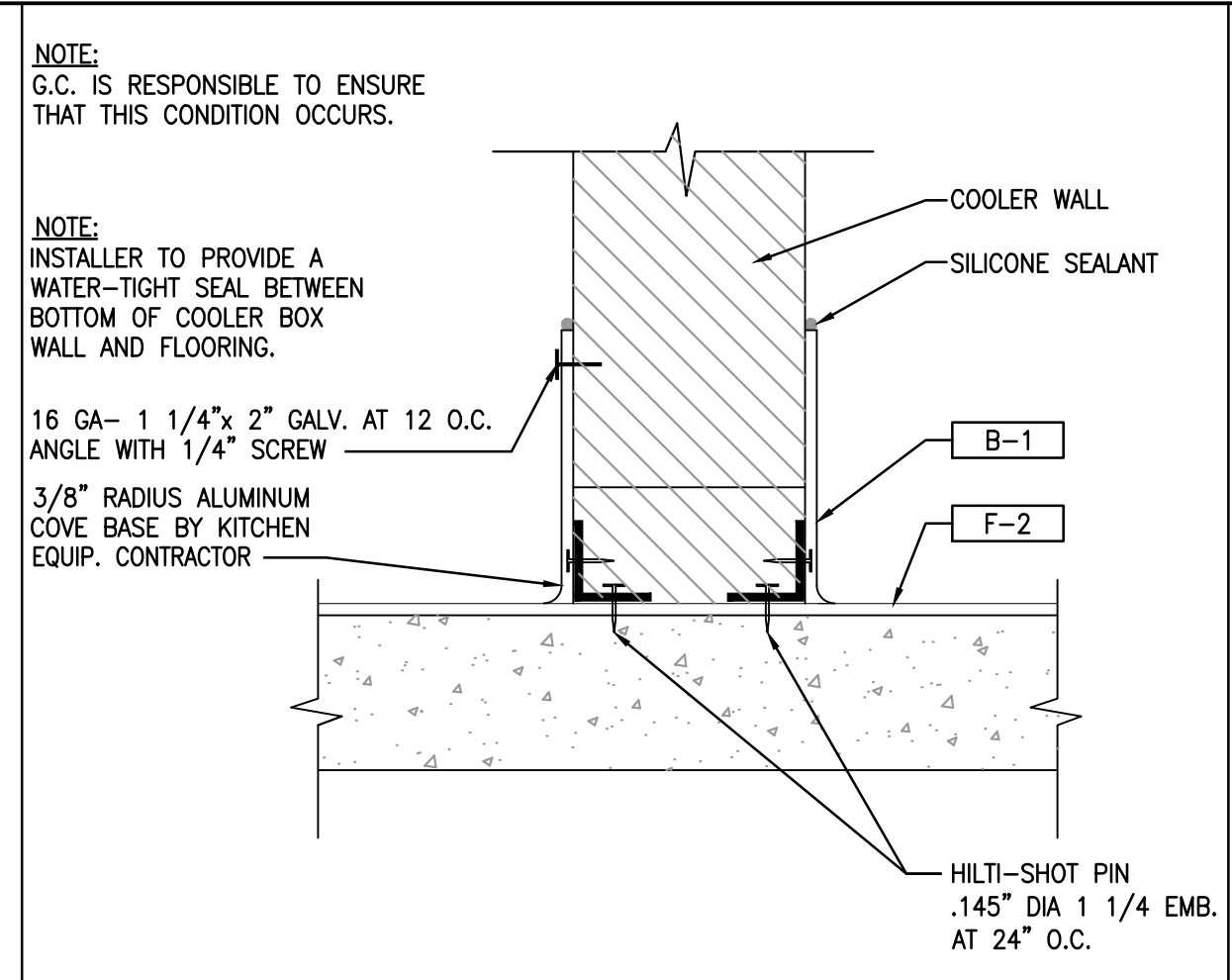
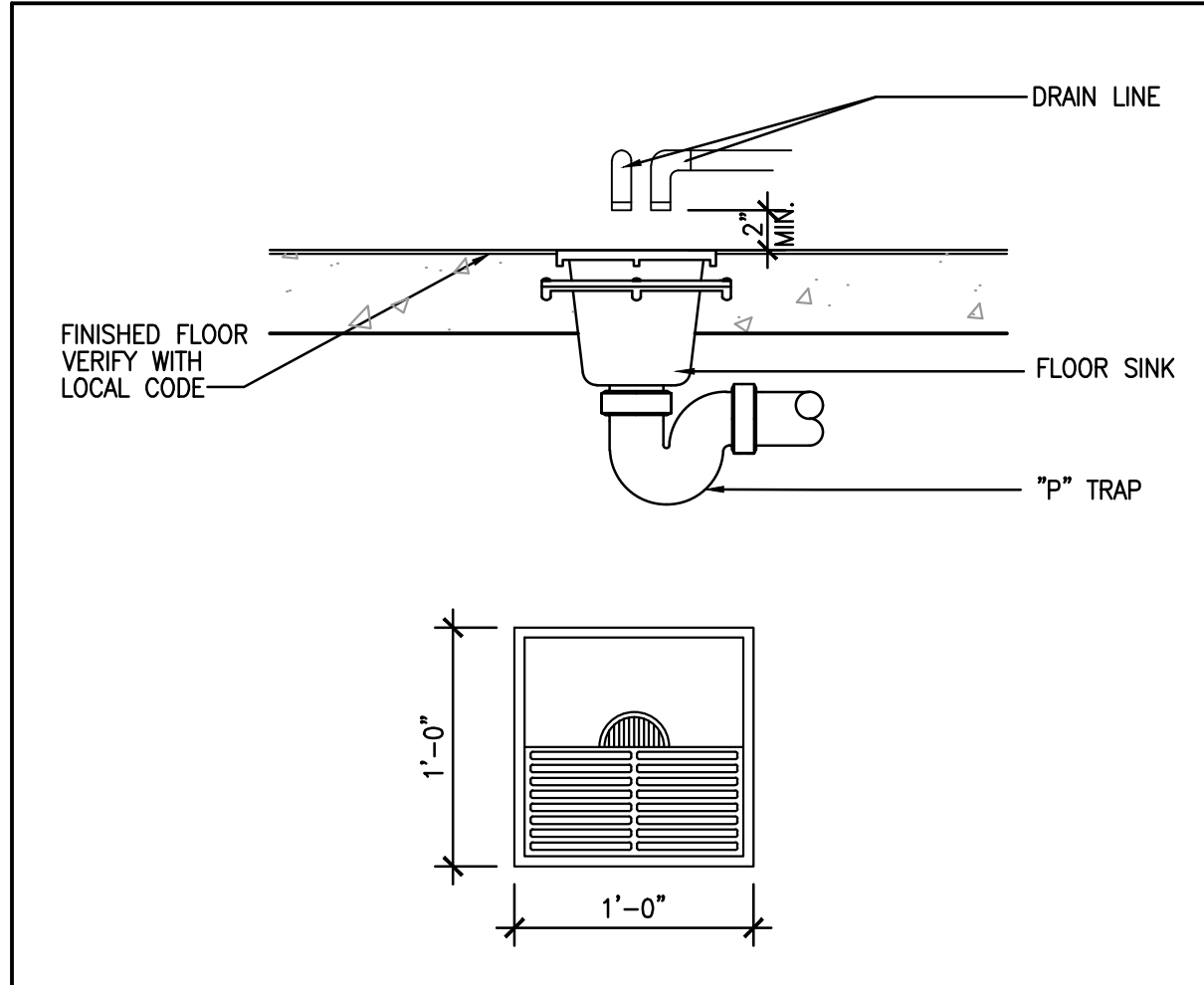
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01/28/22	DICKEY'S REVIEW ISSUE
02/16/22	PERMIT-BID

DATE	DESCRIPTION

SHEET TITLE:
INTERIOR ELEVATIONS

SHEET NUMBER:
A2.1

OSHA PROJECT NUMBER:
DBQ21011

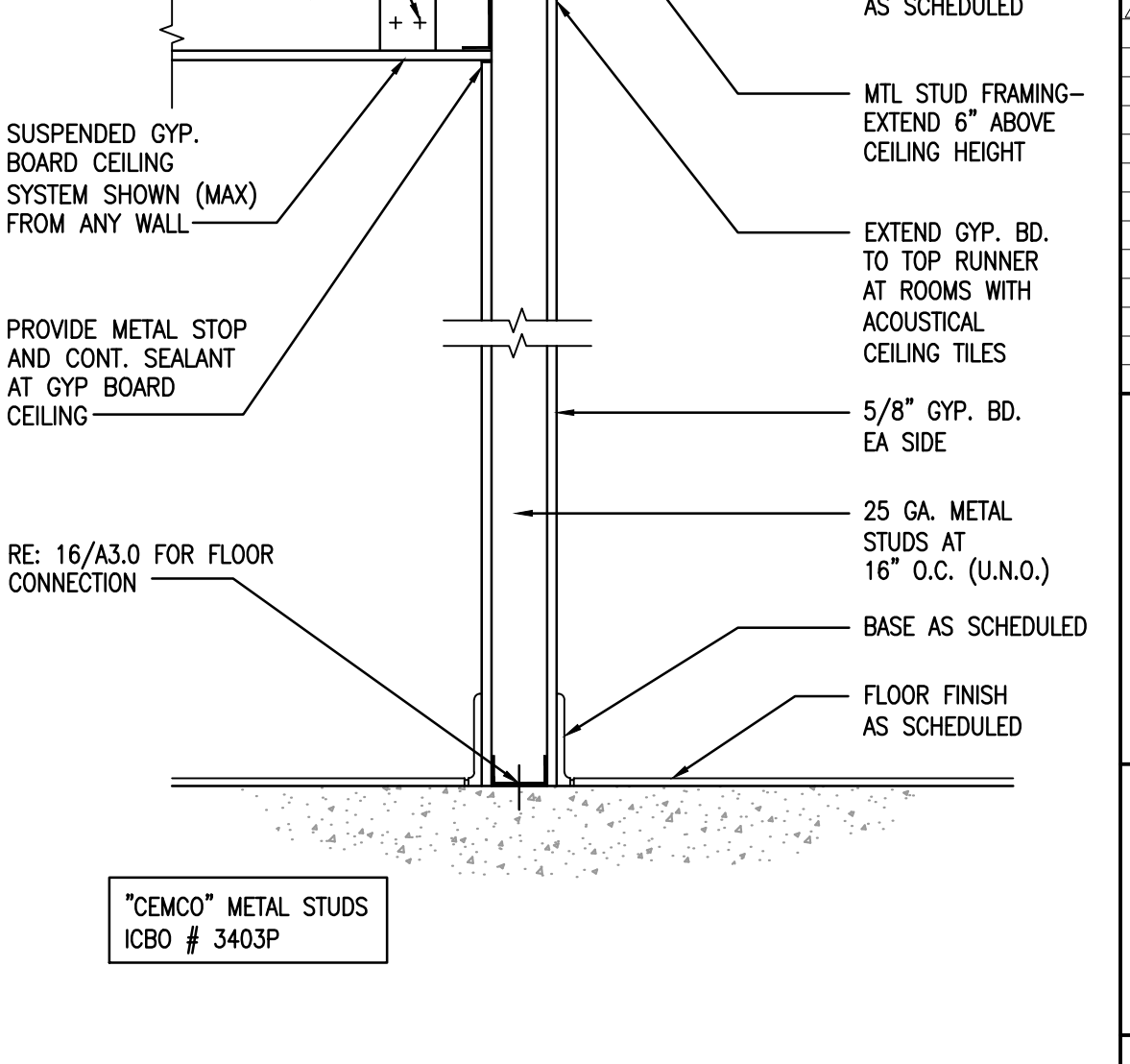
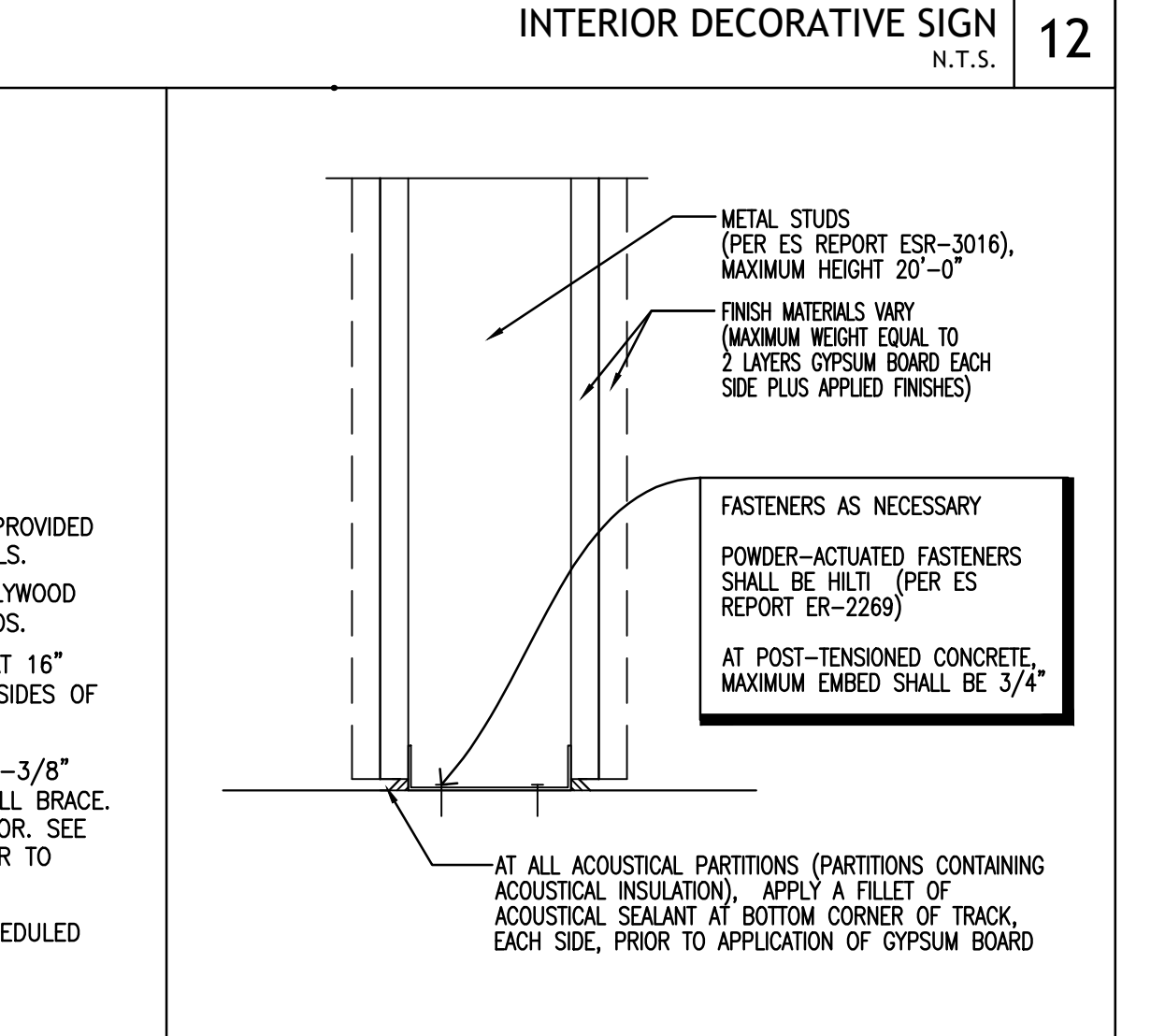
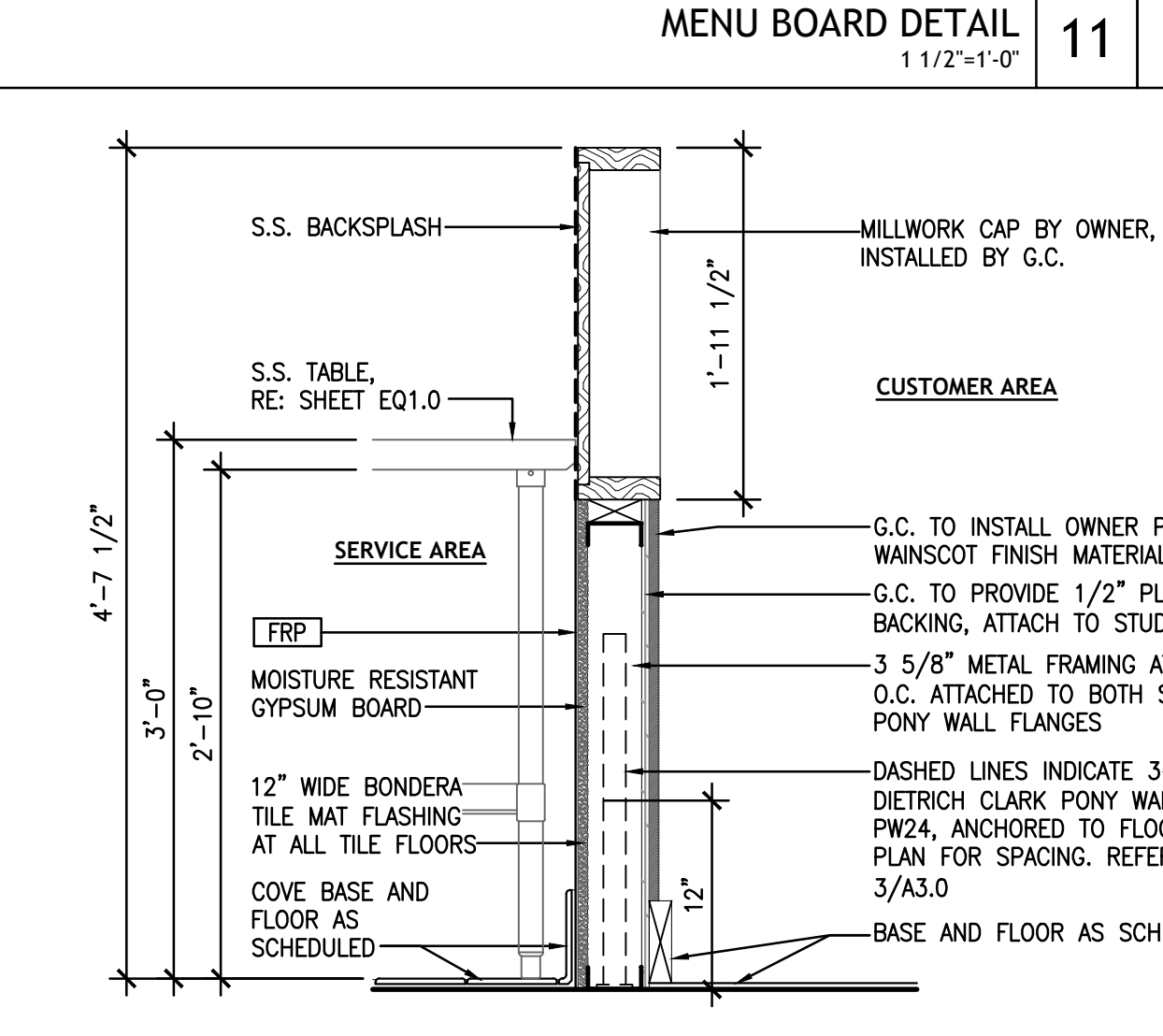
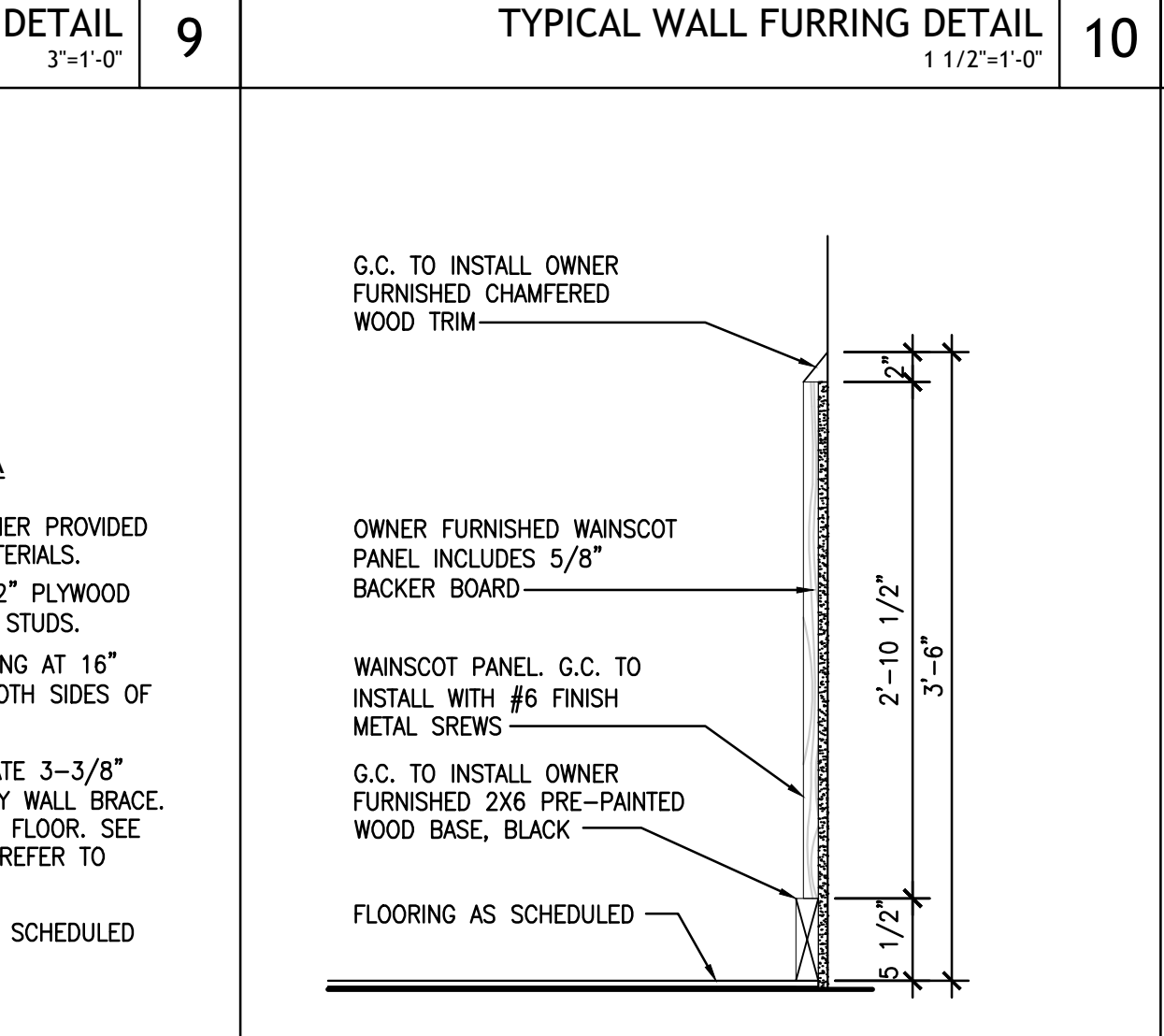
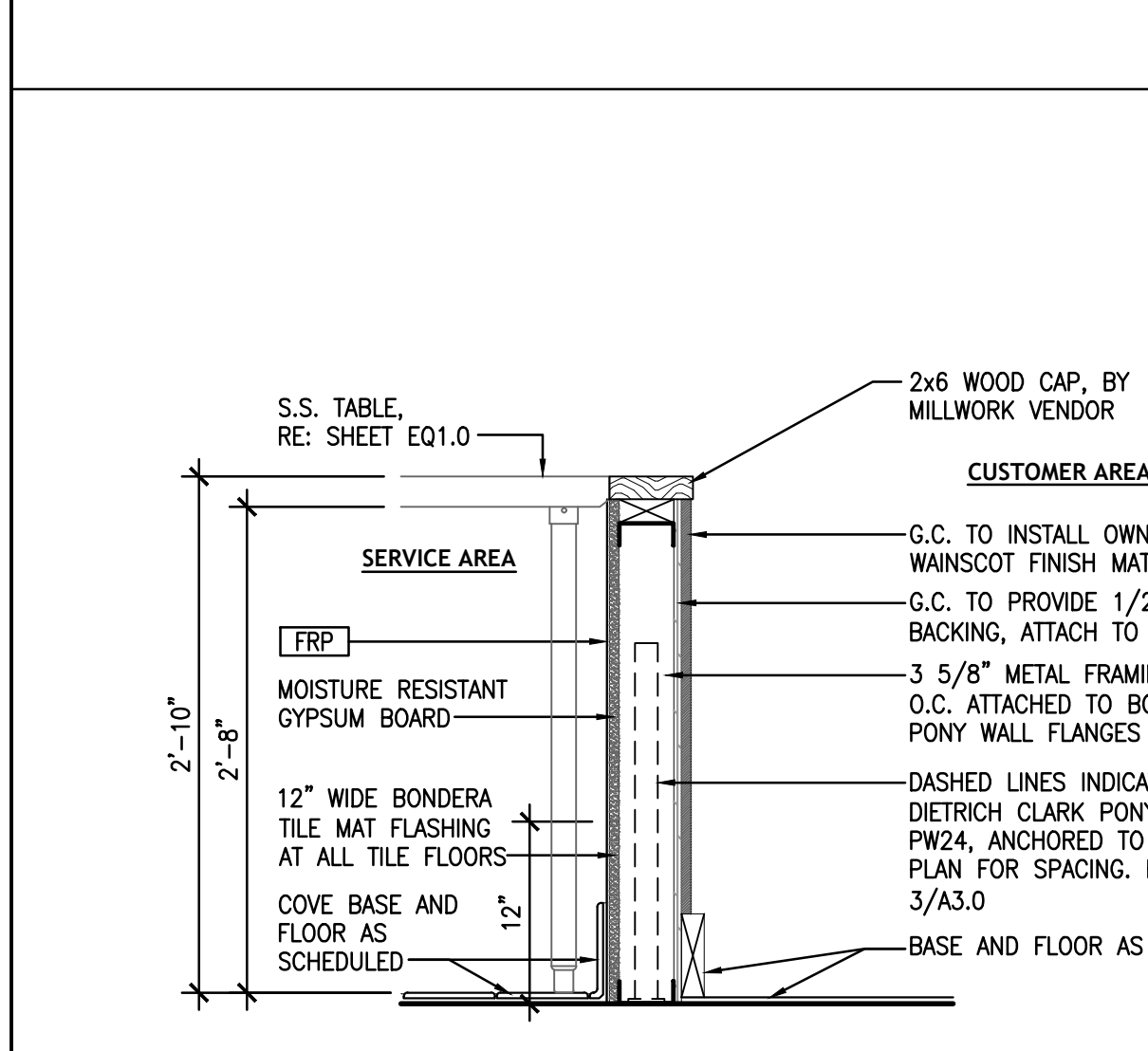
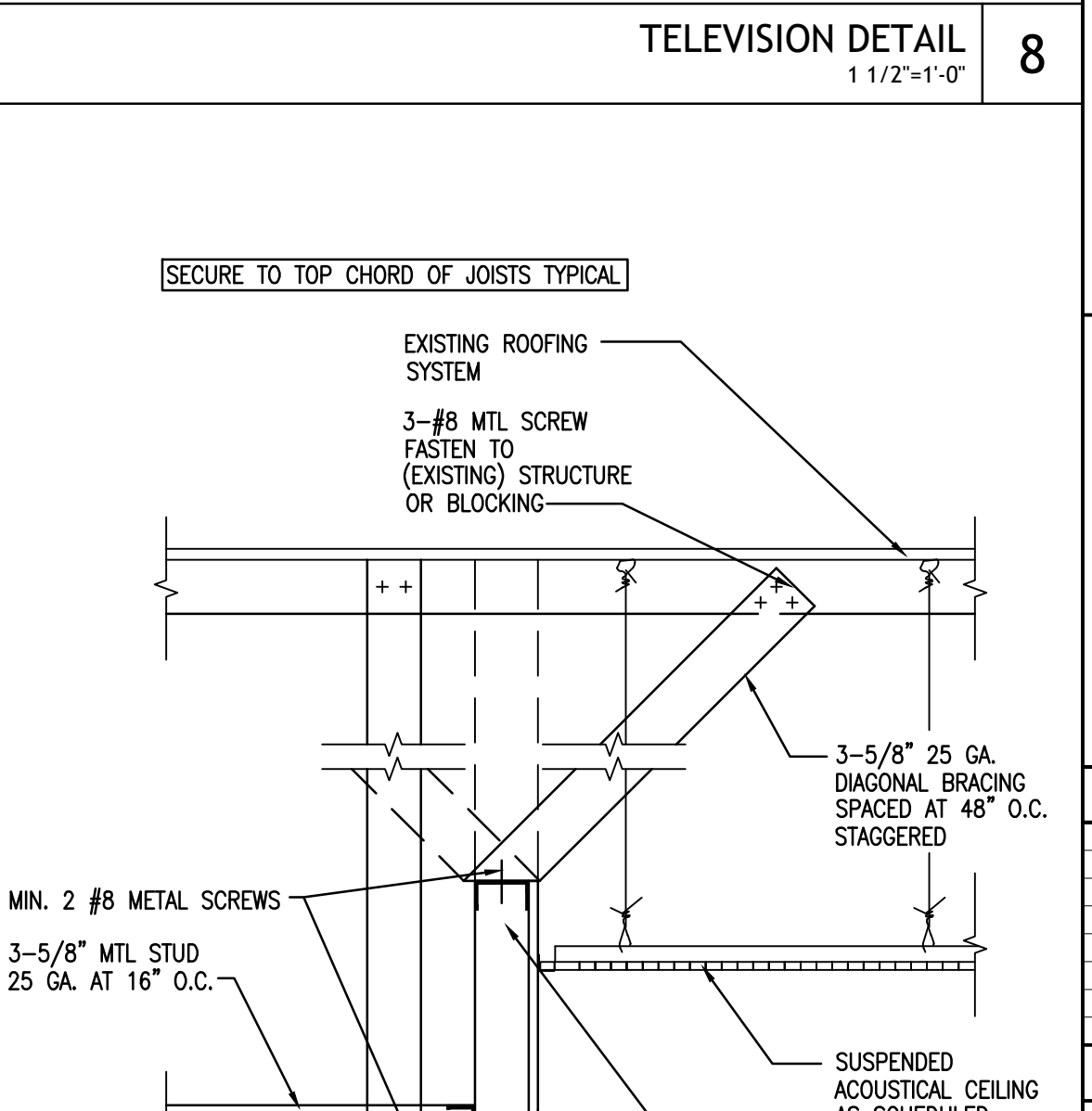
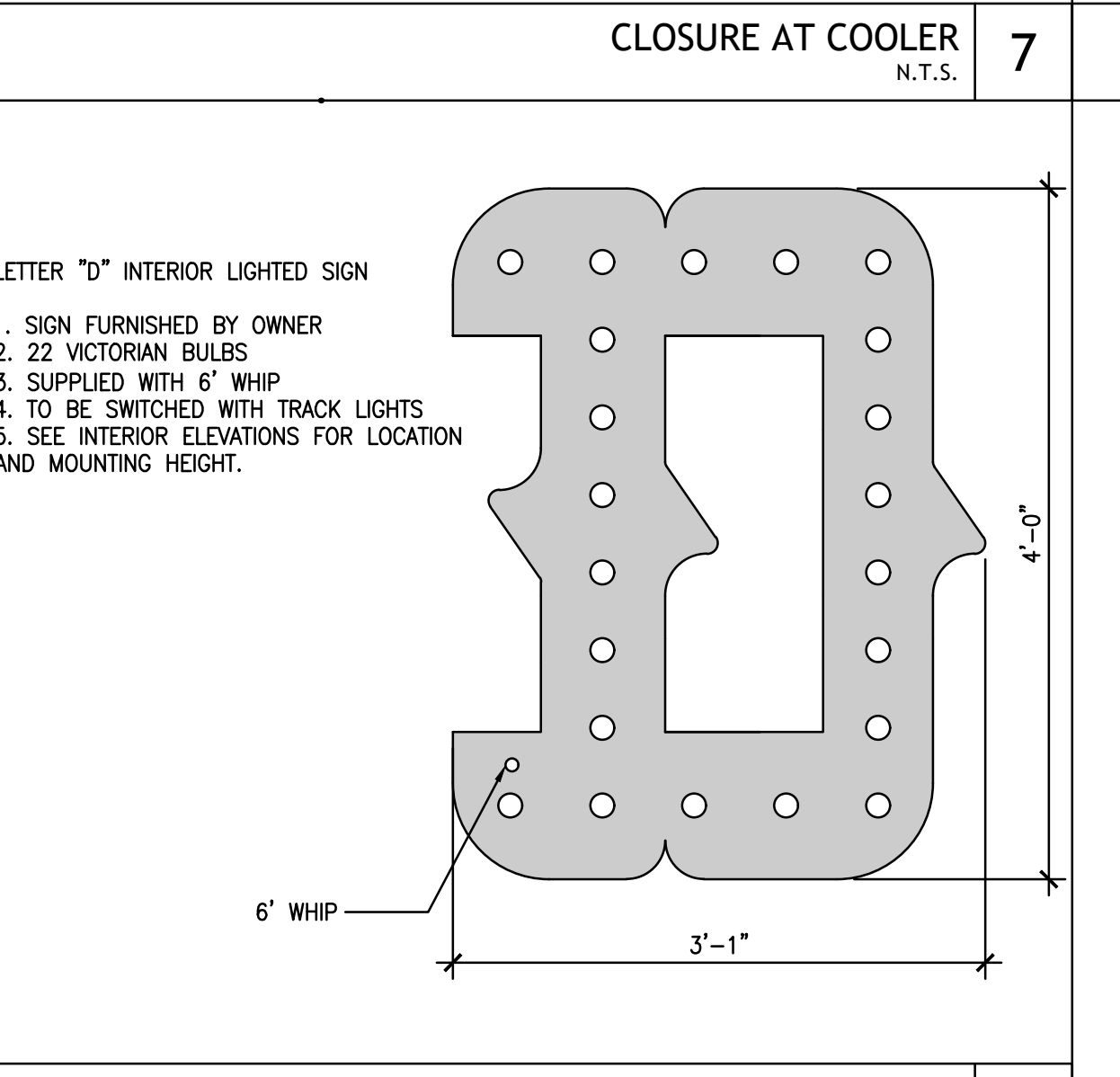
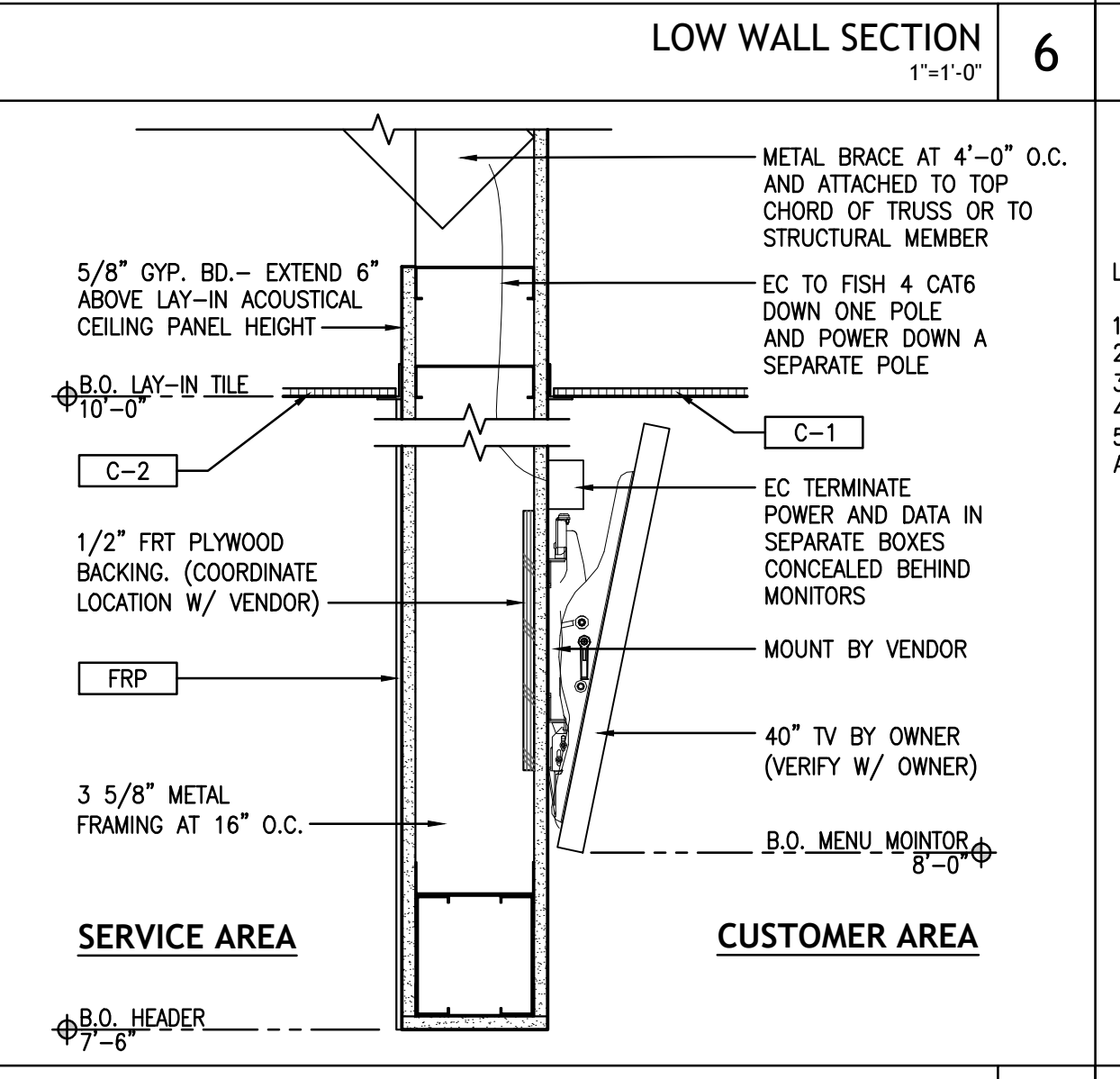
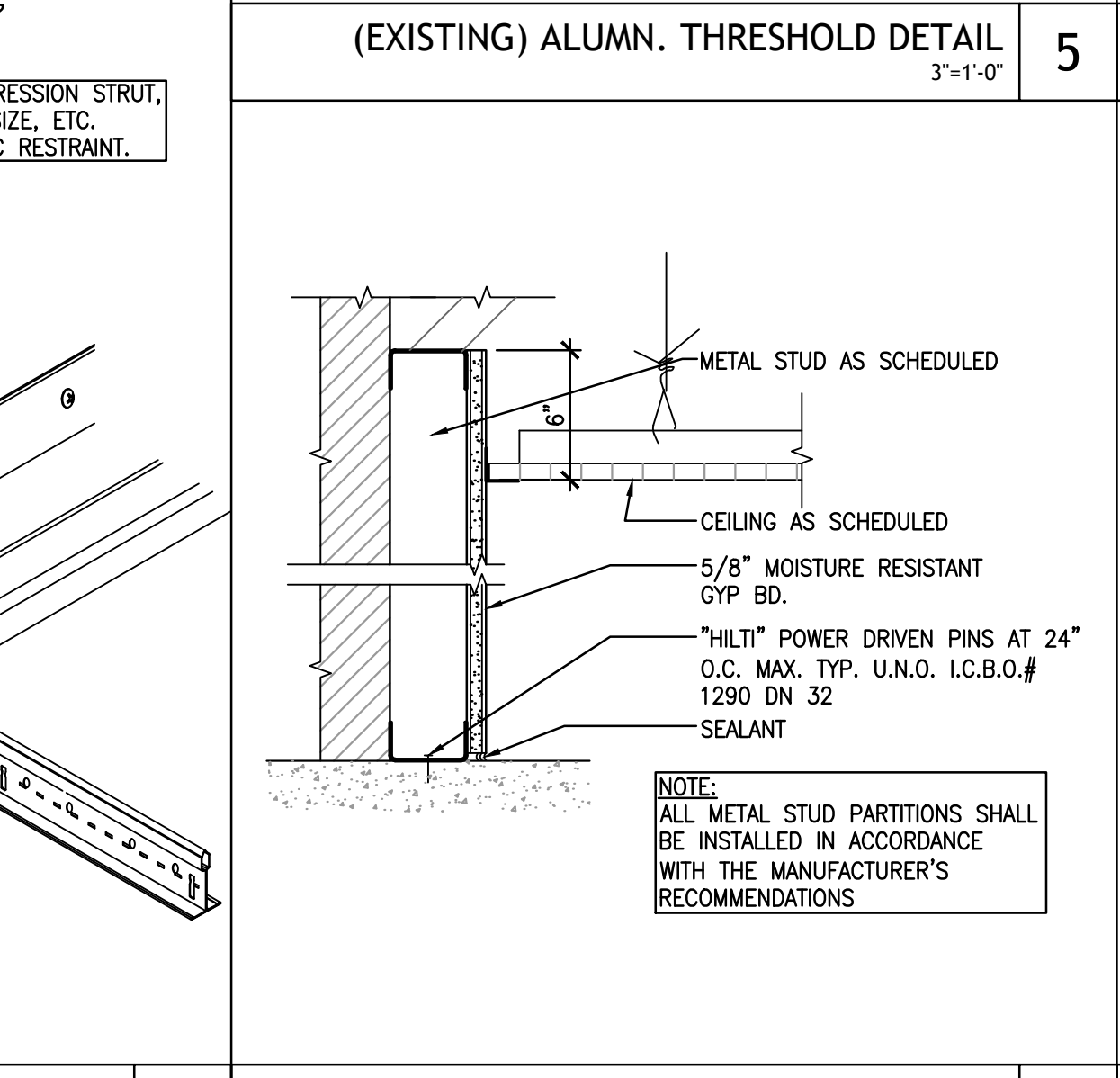
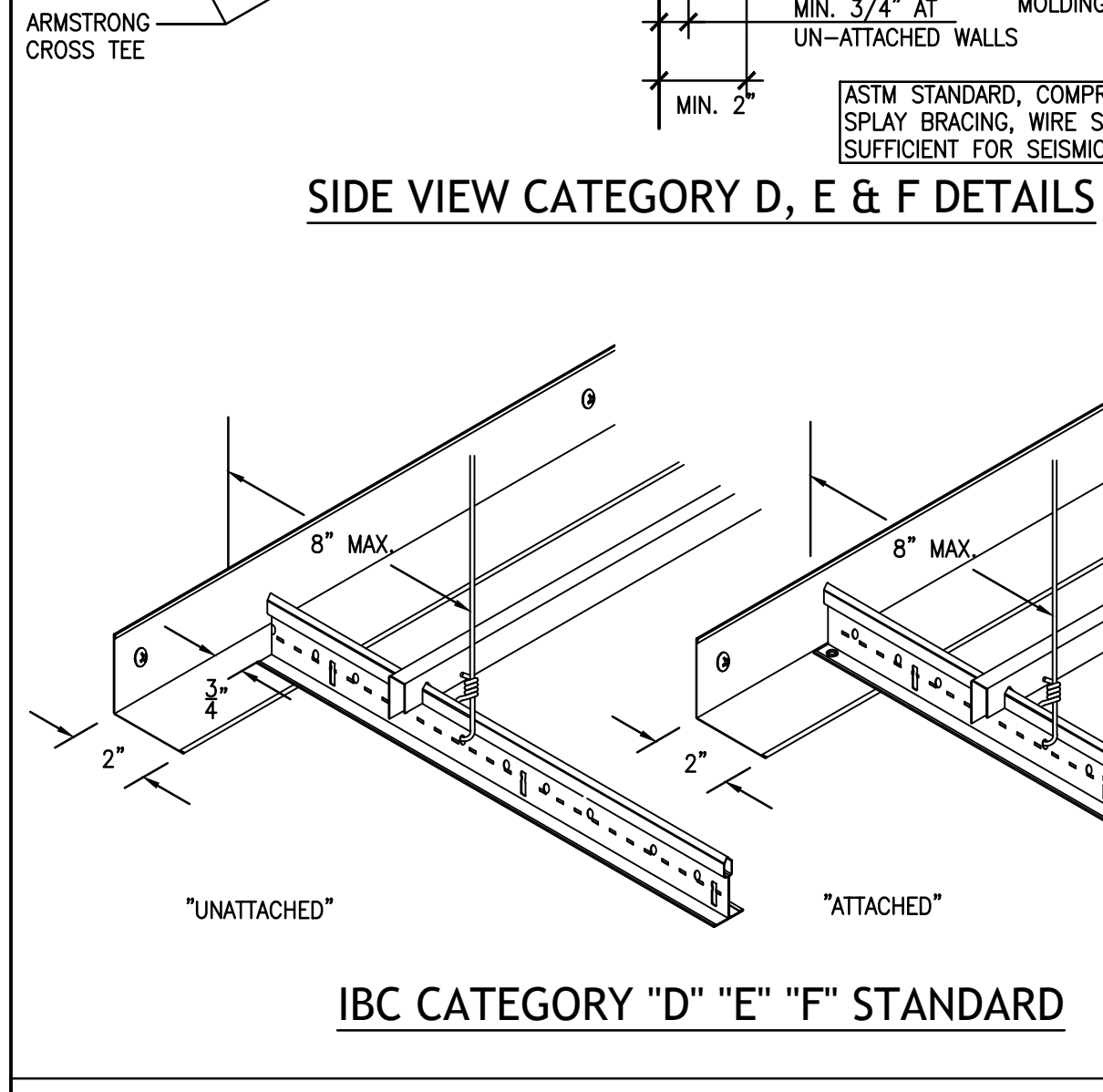
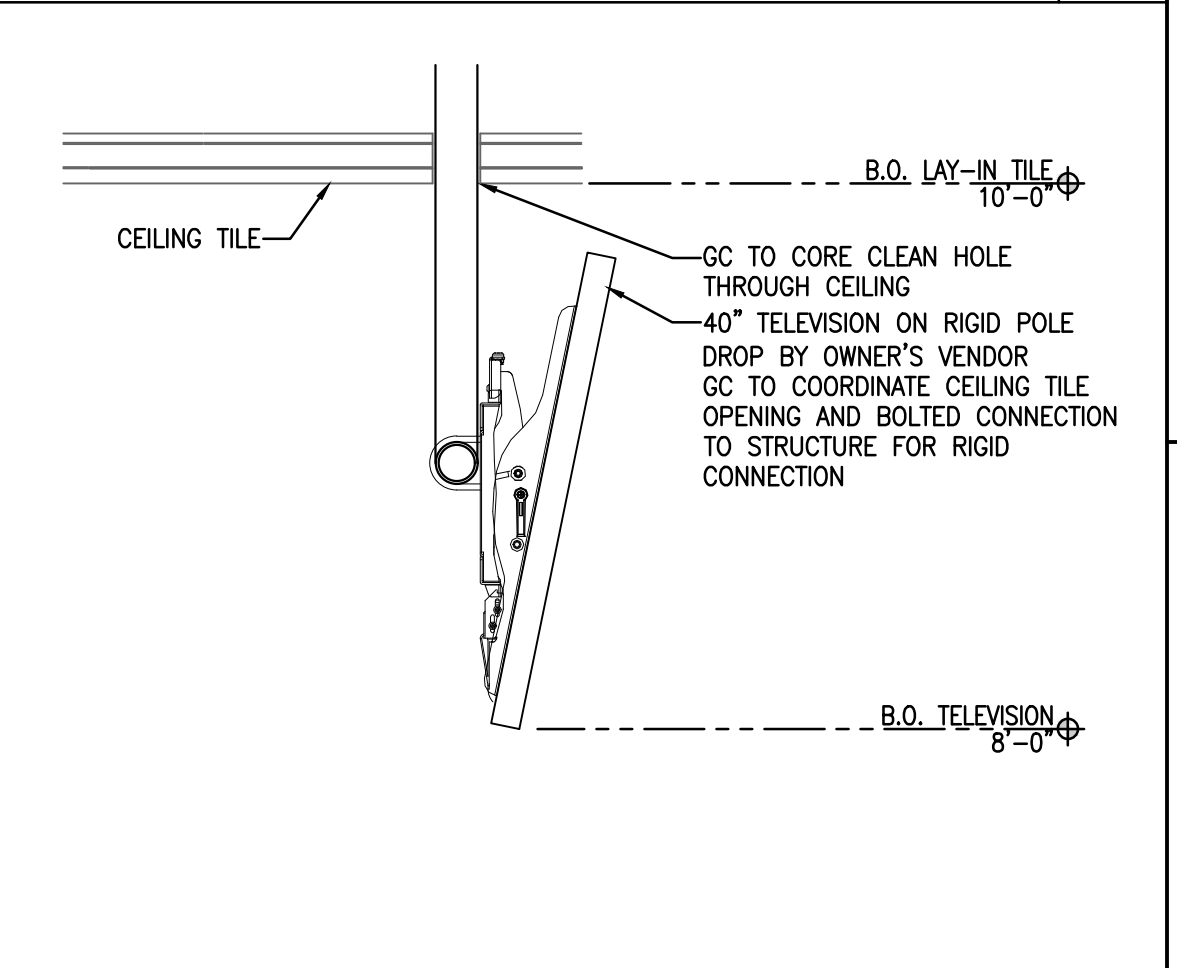
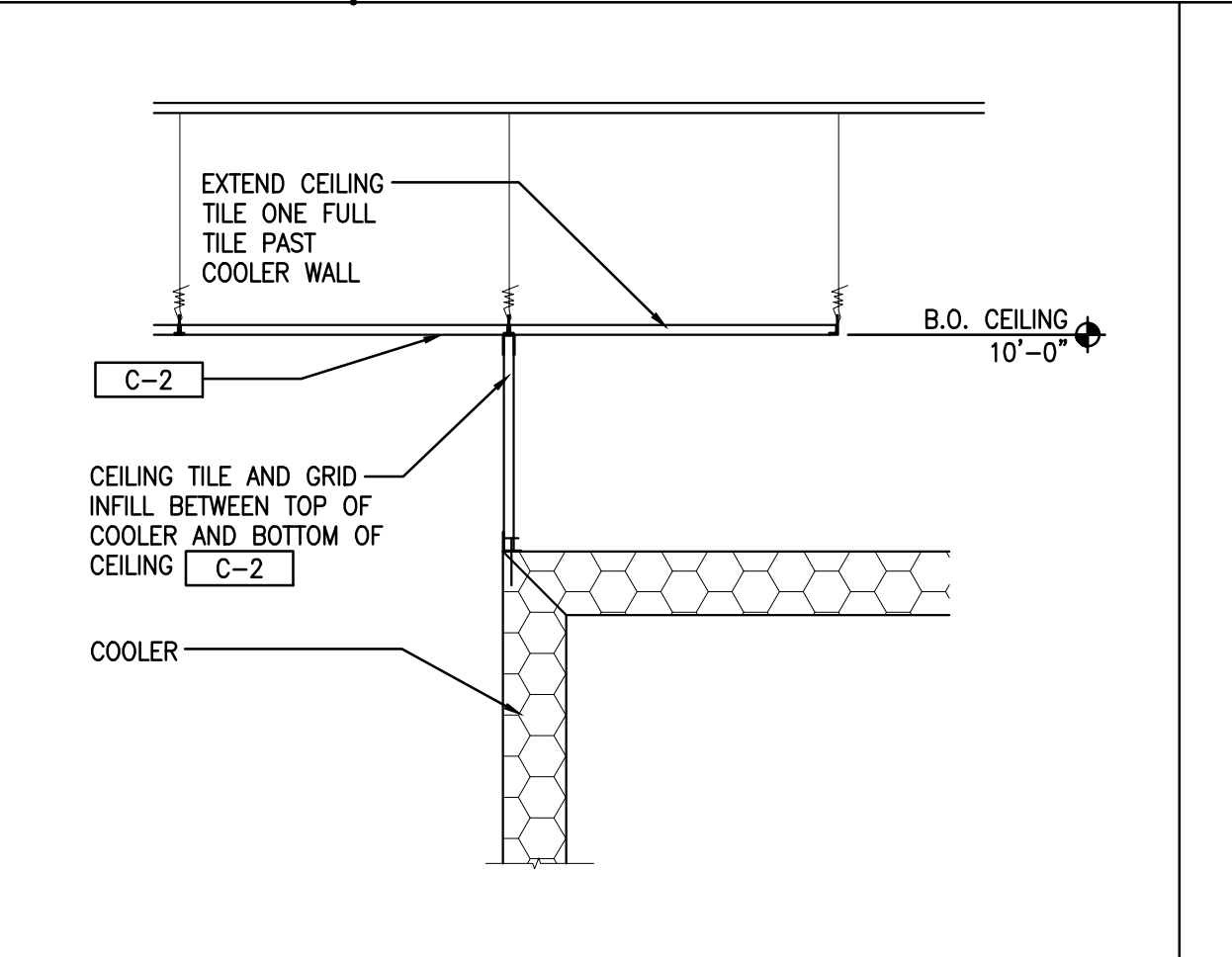
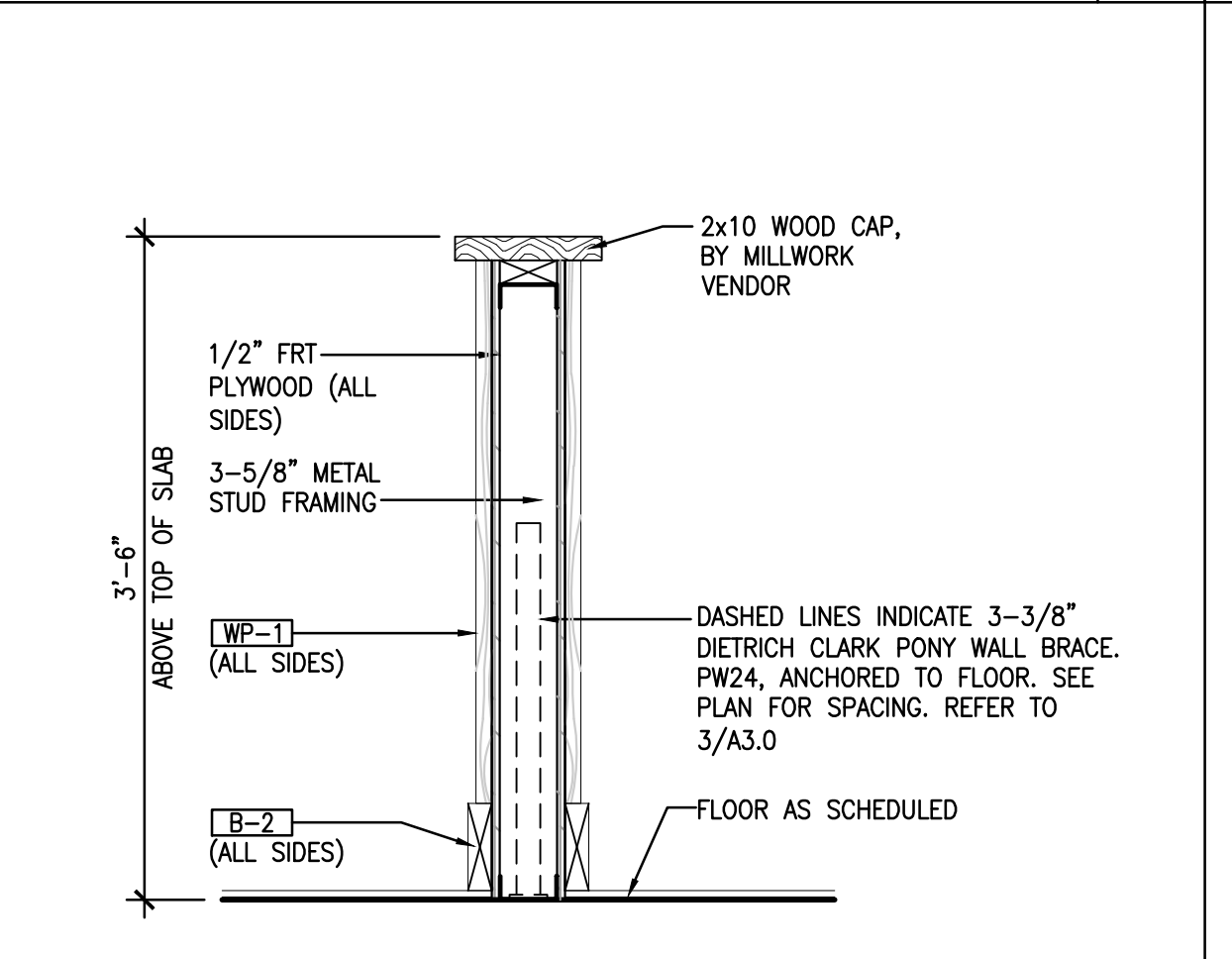
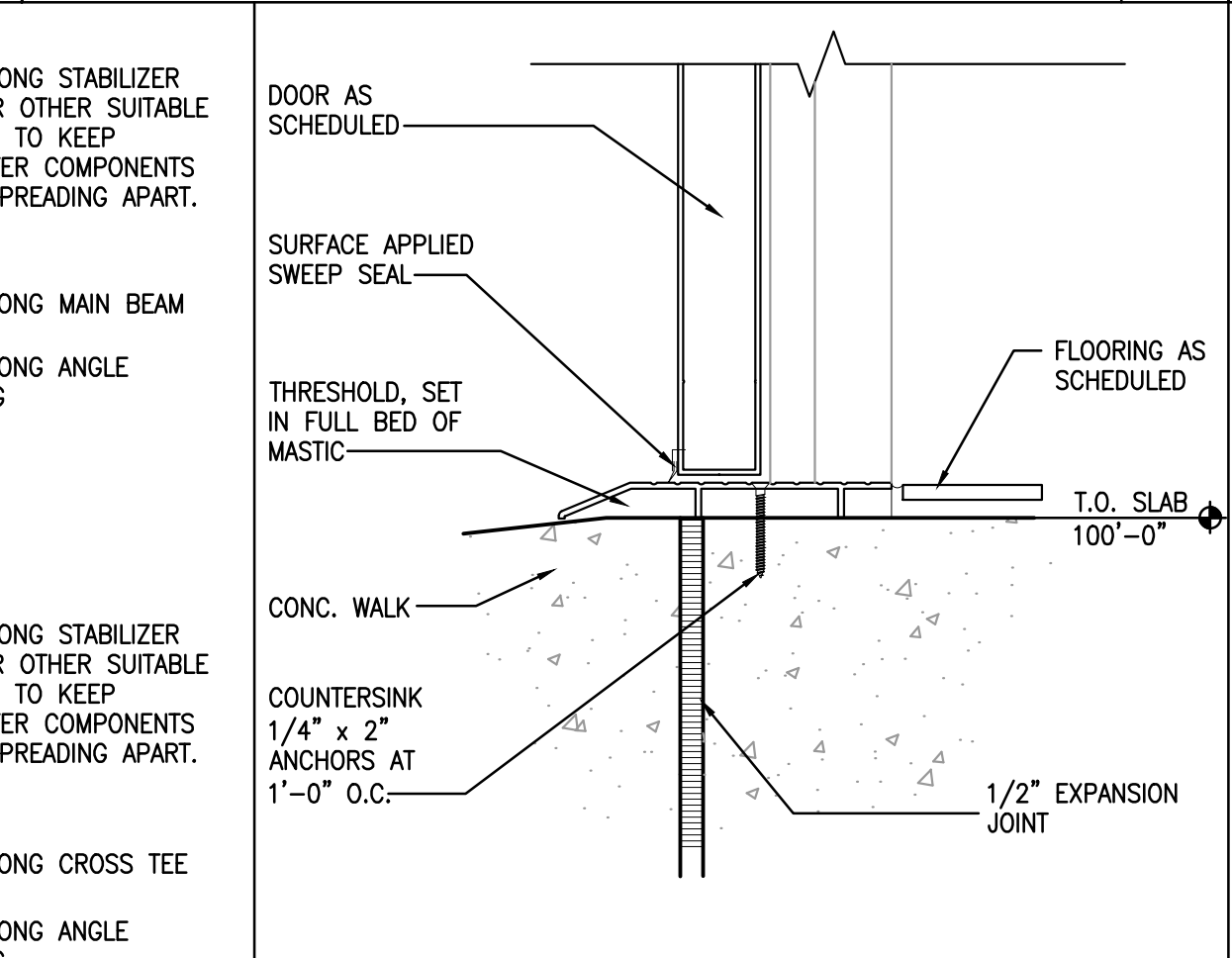
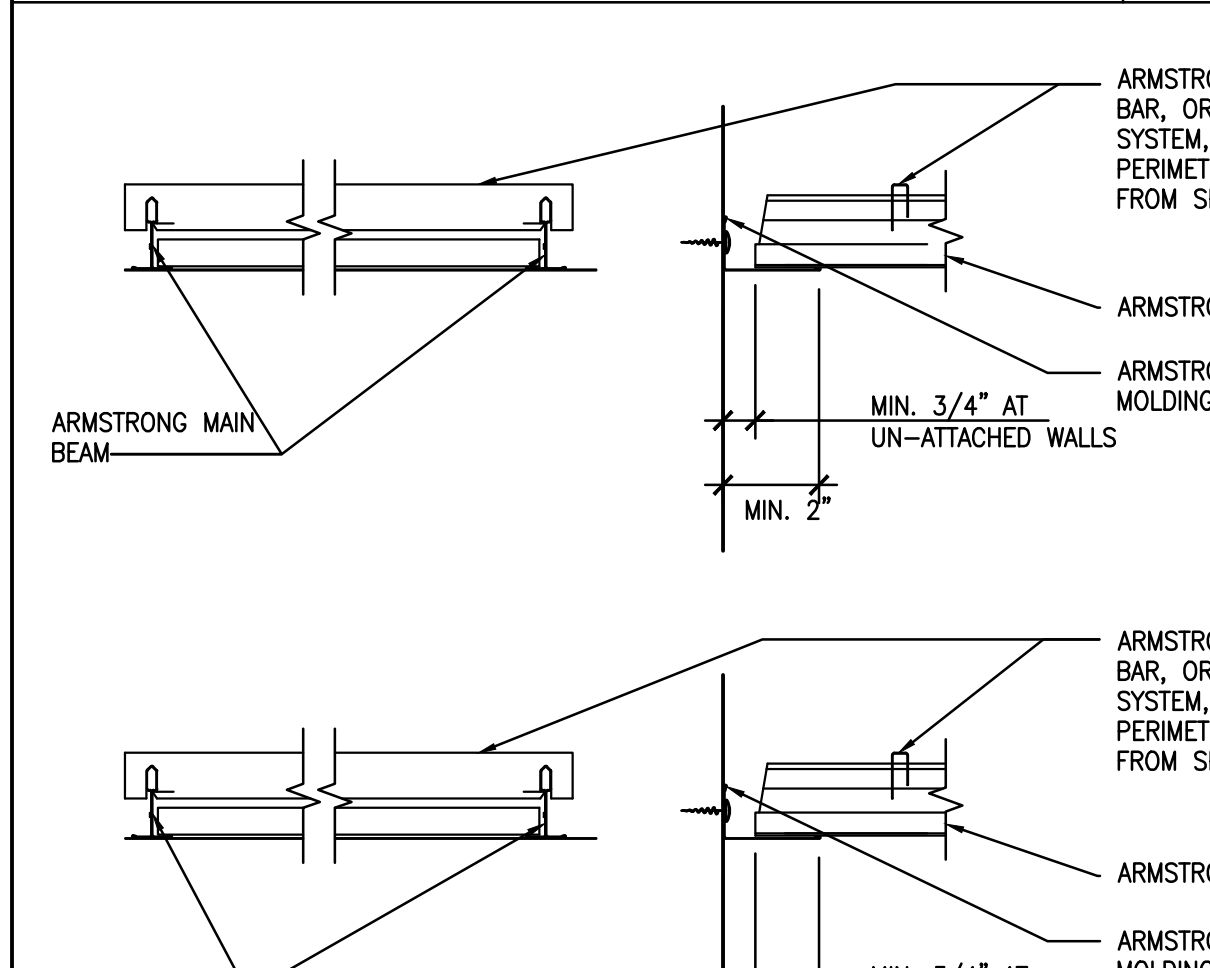


FLOOR SINK DETAIL
1'-1'-0" 1

WALK-IN COOLER BASE DETAIL
3'-1'-0" 2

PARTIAL HEIGHT WALL SUPPORT DETAIL
6'-1'-0" 3

CORNER GUARD AND END CAP DETAILS
3'-1'-0" 4



POS COUNTER DETAIL
1'-1'-0" 13

WAINSCOT DETAIL
1'-1'-0" 14

LOW WALL DETAIL
1'-1'-0" 15

PARTITION TO FLOOR CONNECTION
3'-1'-0" 16

TYPICAL NON-BEARING WALL DETAIL
1'-1'-0" 17

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STATE OF OHIO
REGISTERED ARCHITECT
DAVID SCOTT WINDLE
LICENSE #8474
EXPIRATION: 12/31/2023
02/16/22

DICKEY'S - MILFORD
1090 STATE ROUTE 28
MILFORD, OH 45150
CLIENT: LEWIS RESTAURANT GROUP, LLC
126 SUNSET PLACE
GODHEN, OH 45122

DICKEY'S BARBECUE PIT
1941

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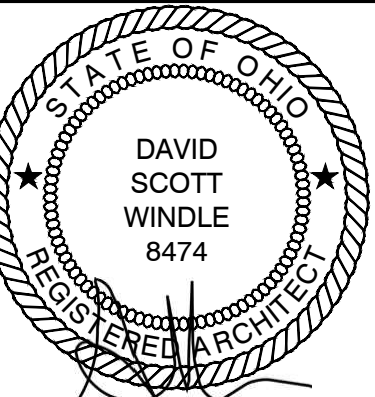
SHEET TITLE:
INTERIOR DETAILS

SHEET NUMBER:
A3.0

DS4 PROJECT NUMBER:
DBQ21011

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DAVID SCOTT WINDLE
 LICENSE #8474
 EXPIRATION: 12/31/2023

02/16/22

DICKEY'S - MILFORD

1090 STATE ROUTE 28
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CLIENT: LEWIS RESTAURANT GROUP, LLC
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DATE	DESCRIPTION

INTERIOR DETAILS

A3.1

DS4 PROJECT NUMBER:
DBQ21011

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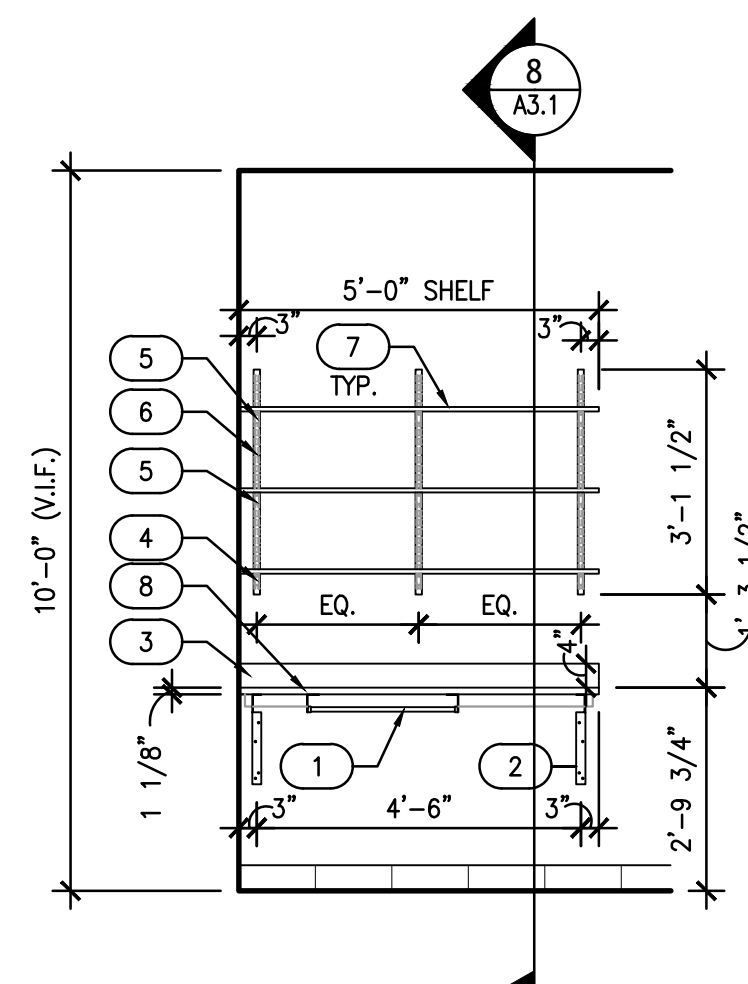
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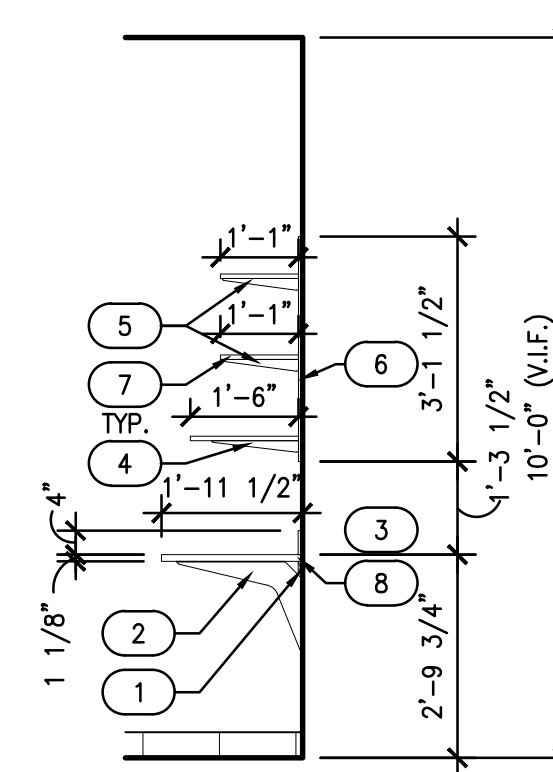
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OFFICE DESK ELEVATION
 3/8"=1'-0" 7

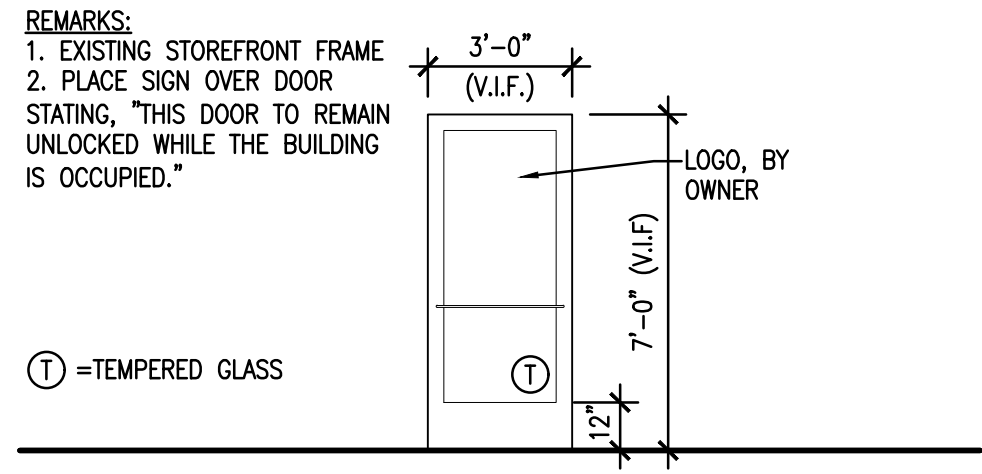
OFFICE DESK SECTION
 3/8"=1'-0" 8



#	OFFICE DESK KEYED NOTES
1	KEYBOARD TRAY HDL #WVC400
2	SUPPORT BRACKET, HDL #AM1521W
3	3/4"x4" WHITE MELAMINE BACK SPLASH
4	DECORATIVE BRACKET, HDL #KV0182 WHITE - 14.5"
5	DECORATIVE BRACKET, HDL #KV0182 WHITE - 12.5"
6	DECORATIVE STANDARDS, HDL #KV0082 WHITE
7	WHITE MELAMINE SHELF
8	PLASTIC LAMINATE - WILSONART #1573-60 "WHITE"

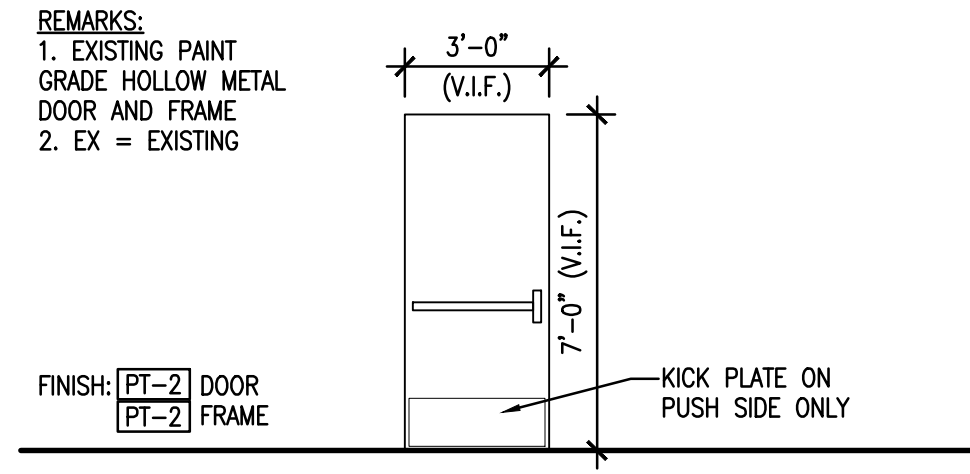


#	OFFICE DESK KEYED NOTES
1	3/4"x2" WHITE MELAMINE WALL CLEAT
2	SUPPORT BRACKET, HDL #AM1521W
3	3/4"x4" WHITE MELAMINE BACK SPLASH
4	DECORATIVE BRACKET, HDL #KV0182 WHITE - 14.5"
5	DECORATIVE BRACKET, HDL #KV0182 WHITE - 12.5"
6	DECORATIVE STANDARDS, HDL #KV0082 WHITE
7	WHITE MELAMINE SHELF
8	PLASTIC LAMINATE - WILSONART #1573-60 "WHITE"



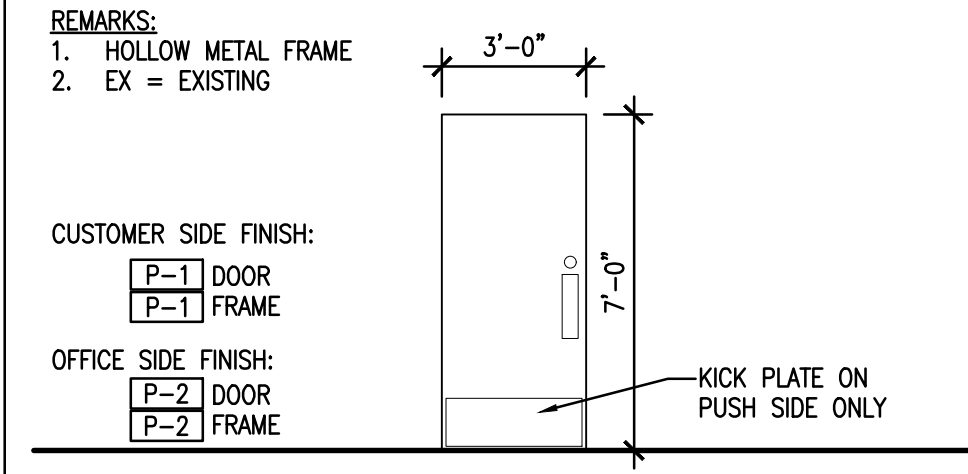
DOOR #1	
EX	STOREFRONT DOOR AND FRAME
HARDWARE - DOOR #1 AND #2	
EX	HARDWARE

EXISTING STOREFRONT DOOR ELEVATION 1/4"=1'-0" **1 2**



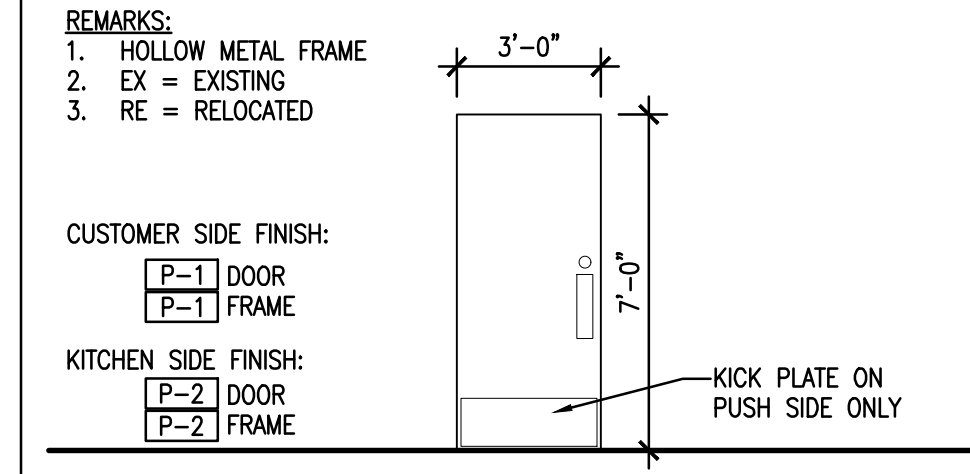
DOOR #3	
EX	HOLLOW METAL DOOR AND FRAME
HARDWARE - DOOR #3	
EX	HARDWARE

EXISTING REAR DOOR ELEVATION 1/4"=1'-0" **3**



DOOR #4, #6 AND #7	
EX	SOLID CORE WOOD DOOR AND HOLLOW METAL FRAME
HARDWARE - DOOR #4, #6 AND #7	
EX	HARDWARE

EXISTING DOOR ELEVATION 1/4"=1'-0" **4 6 7**



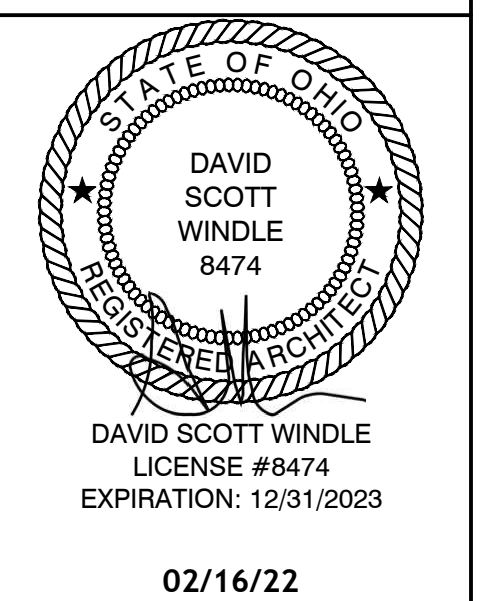
DOOR #5	
RE	SOLID CORE WOOD DOOR AND HOLLOW METAL FRAME
HARDWARE - DOOR #5	
EX	HARDWARE

RELOCATED DOOR ELEVATION 1/4"=1'-0" **5**

GENERAL NOTES
 1. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR NEATLY CAULKING THE FOLLOWING LOCATIONS:
 --ALL EXTERIOR WINDOWS TO INTERIOR WOOD TRIM.
 --ALL WALLCOVERING TO WOOD TRIM TRANSITIONS.
 --ALL CERAMIC TILE INSIDE CORNERS.
 --ALL DOOR JAMBS TO CERAMIC TILE, WOOD TRIM OR WALLCOVERING
 --ALL KITCHEN CEILING GRID TO F.R.P.
 --ALL CERAMIC TILE BASE TOP GROUT JOINT.
 --ALL RESTROOM ACCESSORIES TO WALL SURFACE.
 --ALL WOOD TRIM TO WAINSCOT.
 --ALL FIBERGLASS REINFORCEMENT PANEL STARTS ON TOP OF THE BASE TILE.
 *WHERE APPLICABLE, CAULK SHALL BE PAINTED TO MATCH ADJACENT TRIM.

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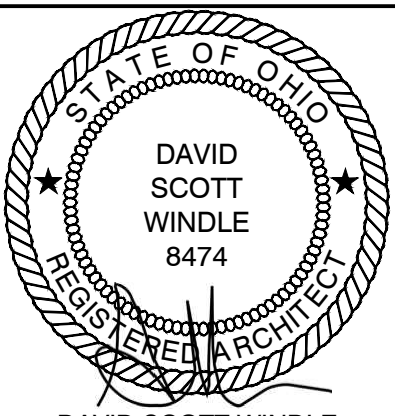
SHEET TITLE:
DOOR AND HARDWARE SCHEDULES

SHEET NUMBER:
A4.0

DS4 PROJECT NUMBER:
DBQ21011

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DAVID SCOTT WINDLE
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 EXPIRATION: 12/31/2023

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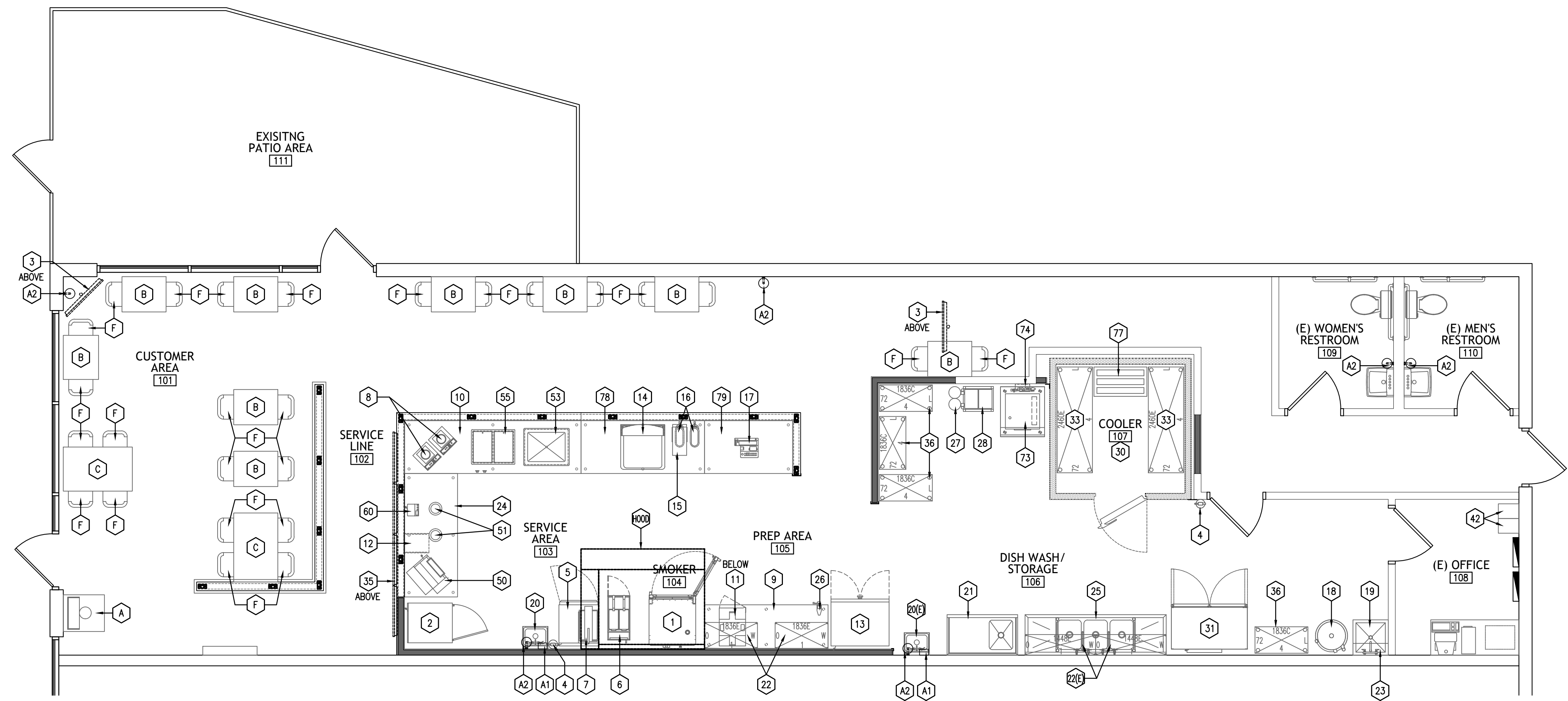
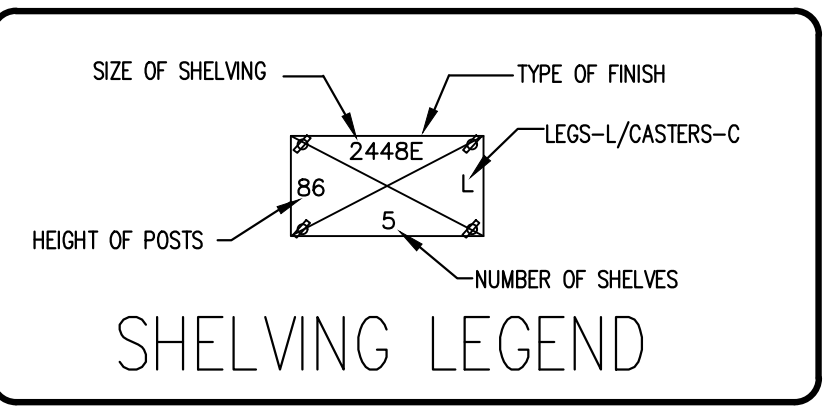
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02/16/22	PERMIT-BID

DATE	DESCRIPTION

SHEET TITLE:
EQUIPMENT PLAN

SHEET NUMBER:
K1.0

DS4 PROJECT NUMBER:
DBQ21011



EQUIPMENT SCHEDULE

Table with columns: #, QTY., ITEM NAME, MANUFACTURER, MODEL NO., PLUMBING (CW, HW, DRAIN, GAS), ELECTRICAL (VOLTS, PHASE, AMPS, HP, KW), SUPPLIED BY, INSTALLED BY, NOTES. Includes items like HOOD, MECHANICAL HOOD, COMBI ELECTRIC OVEN, etc.

ACCESSORY SCHEDULE table with columns: #, QTY., ITEM NAME, MANUFACTURER, MODEL NO., SUPPLIED BY, INSTALLED BY, NOTES. Includes items like LIQUID SOAP DISPENSER, WALL MOUNTED PAPER TOWEL HOLDER.

NOTES: 1. CORD AND PLUG NOT SUPPLIED BY FACTORY. 2. (RT)-MOUNTING STYLE, (R)-SWITCH LOCATION, (DL-CORD-BK)-BLACK CORD, (DL-TRACK-BB)-TRACK MOUNT BAR, (DL-ADAPT-BL)-TRACK ADAPTER. 3. FAUCET INCLUDED. 4. LOCATIONS SHOWN FOR REFERENCE. VERIFY LOCATION W/ OWNER.

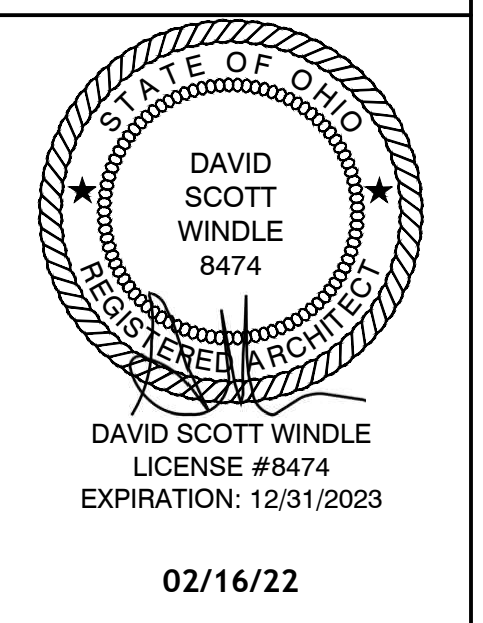
TABLE & CHAIR SCHEDULE table with columns: #, QTY., ABBREVIATION, ITEM NAME, SIZE OR MODEL NUMBER, SUPPLIED BY, INSTALLED BY, NOTES. Includes items like TRASH CANS, TOP TABLE, BAR TABLE, BAR CHAIR, CHAIR.

NOTES: 1. GENERAL CONTRACTOR TO UNLOAD AND PROTECT FURNISHING AND EQUIPMENT - FORKLIFT AND PALLET JACK IS REQUIRED. 2. GENERAL CONTRACTOR TO SELECT ALL FASTENERS AND SECURE ALL FURNISHINGS AND EQUIPMENT TO WITHSTAND A 200# POINT LOAD IN ANY DIRECTION

GENERAL FOOD SERVICE HEALTH DEPARTMENT NOTES 1. ALL NEW EXHAUST HOODS WILL BE CONSTRUCTED TO MEET THE FOLLOWING STANDARDS, "NSF, UL, AND NFPA-96". ALL NEW HOODS TO BEAR UL CLASSIFIED LABEL WITHOUT DAMPERS IN EXHAUST VENT COLLARS. HOODS ARE DESIGNED TO MEET OR EXCEED 50 FPM CAPTURE VELOCITY AT THE COOKING SURFACE EDGE AND HAVE 6" MINIMUM OVERHANG AT ALL EXPOSED COOKING AREAS.

ARCHITECT: DAVID SCOTT WINDLE, AIA 6201 CAMPUS CIRCLE DRIVE E. IRVING, TX 75063 PHONE 972.870.1288 E-MAIL scotwin@dstudio4.com

CORPORATE: DICKEY'S BARBECUE RESTAURANT, INC. 4514 COLE AVENUE, SUITE 1100 DALLAS, TEXAS 75205 972.248.9899



DAVID SCOTT WINDLE LICENSE #8474 EXPIRATION: 12/31/2023

02/16/22

DICKEY'S - MILFORD 1090 STATE ROUTE 28 MILFORD, OH 45150 CLIENT: LEWIS RESTAURANT GROUP, LLC 126 SUNSET PLACE GODDEN, OH 45122



OH-2107

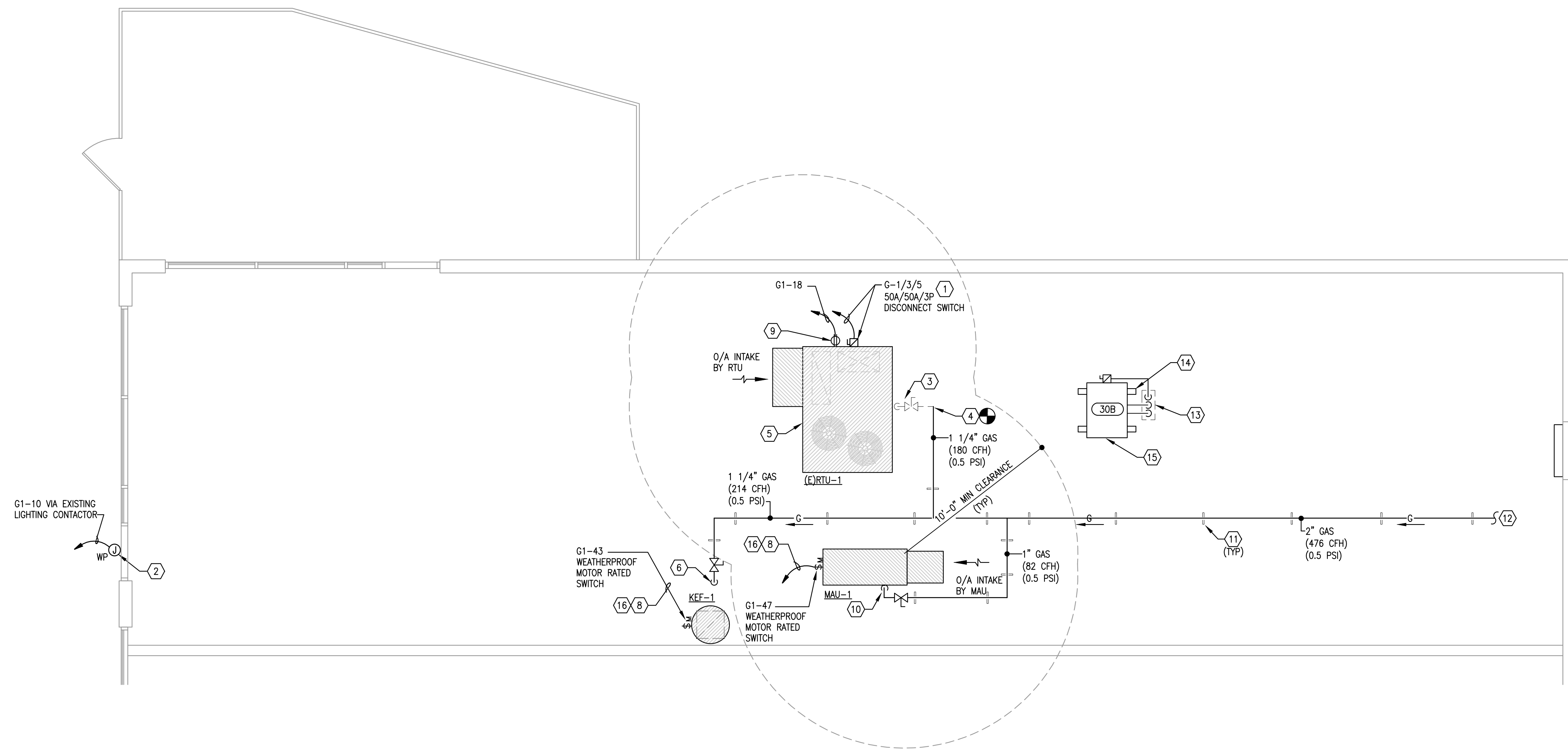
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Table with columns: #, DATE, DESCRIPTION. Includes entries for 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15.

SHEET TITLE: EQUIPMENT SCHEDULE

SHEET NUMBER: K1.1

DS4 PROJECT NUMBER: DBQ21011



NO NEW ROOFTOP EQUIPMENT TO BE INSTALLED WITHOUT WRITTEN APPROVAL FROM STRUCTURAL ENGINEER.

GENERAL NOTES

- A. WEATHERPROOF JUNCTION BOX FOR EXTERIOR SIGNAGE. VERIFY EXACT LOCATION WITH THE OWNER PRIOR TO INSTALLATION. INSTALLATION PER NEC AND LOCAL AHJ.
- B. FIELD FABRICATED ROOF JACK FOR REFRIGERATION PIPING AND POWER CONDUIT(S) SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. REFER TO ARCHITECTURAL DETAILS FOR DIRECTION. THE MC, EC AND GC SHALL COORDINATE FOR A COMPLETE INSTALLATION.
- C. ALL EXISTING OUTDOOR AIR INTAKES BY MECHANICAL EQUIPMENT SHALL HAVE A MINIMUM 10'-0" HORIZONTAL CLEARANCE FROM THE DISCHARGE OF ANY EXHAUST FAN, COMBUSTION EXHAUST OR PLUMBING VENT. NOTIFY THE OWNER'S REPRESENTATIVE IF ANY REMEDIATION WORK IS REQUIRED.

KEYED NOTES

- 1. FIELD VERIFY EXISTING FACTORY PROVIDED AC UNIT CONTROL PANEL. HACR BREAKER / DISCONNECT SWITCH FURNISHED WITH EQUIPMENT ARE IN GOOD WORKING ORDER AND REPLACE IF FOUND TO BE FAULTY OR SHOWS SIGNS OF WEAR.
- 2. VERIFY LOCATION & NUMBER OF SIGNS WITH SIGN VENDOR. RUN SIGN CIRCUITS THROUGH CONTACTOR, CONTROLLED THROUGH PHOTOCELL/TIMECLOCK. PROVIDE FLUSH MOUNTED WEATHERPROOF J-BOX ON EXTERIOR FACE OF WALL. PROVIDE DISCONNECTING MEANS PER NEC AND LOCAL AUTHORITY HAVING JURISDICTION.
- 3. VERIFY EXISTING GAS CONNECTION TO (E)RTU IS IN GOOD WORKING CONDITION. NOTIFY THE OWNER'S REPRESENTATIVE IF ANY REMEDIATION WORK IS REQUIRED.
- 4. CONNECT NEW GAS LINE(0.5 PSI) TO EXISTING GAS CONNECTION.
- 5. VERIFY EXISTING CONDENSATE DRAIN FROM UNIT IS IN GOOD WORKING CONDITION & TERMINATION POINT IS STILL PROVIDED. NOTIFY THE OWNER'S REPRESENTATIVE IF ANY REMEDIATION WORK IS REQUIRED.
- 6. GAS PIPING (0.5 PSI) SHALL BE ROUTED DOWN THROUGH THE ROOF. PROVIDE WEATHER TIGHT SEAL AT PIPE PENETRATION. REFER TO THE WATER GAS PLUMBING PLAN FOR CONTINUATION OF PIPING BELOW THE ROOF.
- 7. FIELD COORDINATE LOCATION OF THE ROOF MOUNTED VTR. THE LOCATION SHALL BE A MINIMUM OF 10'-0" FROM ANY OUTDOOR AIR INTAKE.
- 8. WEATHERPROOF DISCONNECT SWITCH, 600V, DISCONNECT SWITCH, 3#12,#12G., IN 3/4" C. DOWN TO PRE-WIRED ELECTRICAL CONTROL PANEL ON KITCHEN HOOD.
- 9. WEATHER-PROOF, WEATHER RATED, GFCI RECEPTACLE PROVIDED WITH RTU TO BE WIRE TO CIRCUIT NOTED. CONDUIT AND WIRING TO RUN IN ATTIC SPACE AND UP IN ROOF CURB TO RECEPTACLE ON RTU.
- 10. GAS CONNECTION TO UNIT COMPLETE WITH GAS COCK, UNION & 6" DIRT LEG.
- 11. ALL PIPING INSTALLED ON THE ROOF SHALL BE SUPPORTED WITH PRE-MANUFACTURED ADJUSTABLE PIPE SUPPORTS AT MAXIMUM 5'-0" ON CENTER AND EVERY CHANGE OF DIRECTION.
- 12. EXTEND NEW GAS LINE (0.5 PSI) TO EXISTING TENANT'S GAS METER. GENERAL DISTRIBUTION OF NATURAL GAS PIPING SHALL BE 0.5 PSI PRESSURE. VERIFY EXACT LOCATION, SUFFICIENT SIZE & PRESSURE PRIOR TO BID. NOTIFY THE OWNER'S REPRESENTATIVE IF ANY REMEDIATION WORK IS REQUIRED.
- 13. PREMANUFACTURED PIPE PORTAL FOR ROOF PENETRATIONS. THE MC, EC AND GC SHALL COORDINATE FOR A COMPLETE INSTALLATION.
- 14. REMOTE CONDENSING UNIT SHALL BE INSTALLED ON MANUFACTURER APPROVED SLEEPERS. FIELD COORDINATE THE COMPLETE INSTALLATION.
- 15. FIELD VERIFY CONDITION OF INTERWIRE SERVICE FROM COMPRESSOR AND TIMECLOCK TO BLOWER COIL FOR AUTOMATIC DEFOST SYSTEM TO STOP COMPRESSOR BLOWER COIL FANS AND START HEATERS IN COIL. IF FOUND TO BE FAULTY, REMOVE AND REPLACE WITH SIMILAR.
- 16. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL CONNECTIONS, WIRING AND CONDUITS NECESSARY FOR THE INTERLOCKING OF THE KITCHEN EXHAUST FANS AND THE MAKEUP AIR UNIT THROUGH THE KITCHEN CONTROL PANEL.

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DATE	DESCRIPTION

MEP
ROOF PLAN

MEP1.1

GENERAL NOTES

- A. ALL OUTDOOR AIR INTAKES BY MECHANICAL EQUIPMENT SHALL HAVE A MINIMUM 10'-0" HORIZONTAL CLEARANCE FROM THE DISCHARGE OF ANY EXHAUST FAN, COMBUSTION EXHAUST OR PLUMBING VENT.
- B. PROVIDE VIBRATION ISOLATION DEVICES AND FLEXIBLE DUCT/ PIPING CONNECTIONS TO ALL MOVING MACHINERY NOT INTERNALLY ISOLATED.
- C. ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS.
- D. THE MECHANICAL CONTRACTOR SHALL COORDINATE ALL DUCT AND DIFFUSER LOCATIONS WITH LIGHT FIXTURES AS WELL AS SPRINKLER PIPING AND HEADS (WHERE INCLUDED IN THE PROJECT) FOR A COMPLETE INSTALLATION.
- E. LOCATIONS FOR THERMOSTATS AND REMOTE SENSORS SHALL BE FIELD COORDINATED TO AVOID INTERFERENCE WITH WALL-MOUNTED DECOR OR PROXIMITY TO HEAT PRODUCING EQUIPMENT.
- F. ALL HVAC AND RESTROOM EXHAUST DUCTWORK SHALL BE INSTALLED AS HIGH AS POSSIBLE UNDER THE ROOF STRUCTURE.
- G. ALL RECTANGULAR, ROUND, AND FLEXIBLE DUCTWORK SHALL BE SIZED AS SHOWN ON THESE DRAWINGS; AND SHALL BE FABRICATED AND INSTALLED ACCORDING TO THE MOST RECENTLY PUBLISHED SMACNA STANDARDS. ALL JOINTS, SEAMS, AND CONNECTIONS MUST BE SECURELY FASTENED & SEALED BY APPROVED METHODS.
- H. ANY FLEXIBLE DUCTS SHALL BE INSTALLED IN CONCEALED SPACES ONLY. THE MAXIMUM ALLOWABLE LENGTH OF FLEXIBLE DUCT SHALL BE 5'-0". ALL FLEXIBLE DUCTS SHALL BE CONNECTED TO BRANCH RUNS AND FITTINGS WITH A PANDUIT-TYPE BAND, AND SHALL NOT BE ATTACHED DIRECTLY TO THE AIR DEVICE COLLAR.
- I. SUPPLY, RETURN, EXHAUST DUCT CONSTRUCTION SHALL BE GALVANIZED STEEL. GAUGES, SWAY BRACING AND SUSPENSION SHALL CONFORM TO SMACNA STANDARDS. SEAL ALL SEAMS AND JOINTS AIR AND WATERTIGHT. FLEXIBLE ALUMINUM DUCTWORK OR FIBERGLASS DUCTBOARD IS NOT ALLOWED (UNO).
- J. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING THE AIR FILTERS AT THE AIR HANDLING UNITS WITH PLEATED MERV 8 THROW AWAY TYPE AIR FILTERS AT THE COMPLETION OF CONSTRUCTION AND PRIOR TO AIR BALANCE AND STORE TURNOVER.
- K. AT THE START OF CONSTRUCTION, THE MECHANICAL CONTRACTOR SHALL FIELD VERIFY THE VERTICAL CLEARANCE REQUIRED FOR INSTALLATION OF EQUIPMENT AND DUCTWORK IN COORDINATION WITH EXISTING CONDITIONS, INCLUDING ROOF STRUCTURE, AND PROVIDE DIRECTION TO THE GENERAL CONTRACTOR FOR FINISHED CEILING HEIGHTS AND ROOF OPENINGS. ANY REQUIRED DEVIATION FROM THE HEIGHTS SHOWN IN THE ARCHITECTURAL CEILING PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND TENANT'S CONSTRUCTION MANAGER.

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REGISTERED PROFESSIONAL ENGINEER
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02/16/22

KEYED NOTES

1. EXISTING SUPPLY AND RETURN DUCTS DOWN FROM THE RTU CONNECTIONS TO REMAIN.
2. FIELD VERIFY EXISTING HVAC SMOKE DETECTOR CAPABLE OF SHUTTING DOWN THE RESPECTIVE MECHANICAL UNIT UPON ACTIVATION. THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL IF NEEDED, THE ELECTRICAL CONTRACTOR SHALL COORDINATE FOR POWER.
3. RETURN GRILLE AIR QUANTITIES LISTED ARE FOR STANDARD OPERATING HOURS. REFER TO SHEET M2.0 FOR AIR BALANCE REPORT ON DESIGN AIRFLOW RATES. REBALANCE AS NECESSARY.
4. THE UTILITY AND FIRE SUPPRESSION CABINETS ARE TO BE FURNISHED WITH THE HOOD PACKAGE, AND INSTALLED COMPLETE WITH THE HOOD ASSEMBLY.
5. EXTEND THE GREASE EXHAUST DUCT UP FROM THE HOOD COLLAR AND OFFSET HORIZONTALLY BEFORE ROUTING UP THRU ROOF TO THE EXHAUST FAN. HORIZONTAL DUCTWORK SHALL PITCH A MINIMUM 1/4" PER FOOT BACK TOWARDS THE HOOD. GREASE EXHAUST DUCT SHALL BE OF THE SAME SIZE AS THE HOOD COLLAR. FIELD COORDINATE THE REQUIRED TRANSITIONS OF EXHAUST DUCT FROM COMBUSTIBLE MATERIALS TO MAINTAIN THE MINIMUM CLEARANCES REQUIRED PER APPLICABLE CODE(S) AND FIRE WRAP MANUFACTURER'S INSTRUCTIONS.
6. ROUTE MAKEUP AIR SUPPLY BRANCH TO PERFORATED SUPPLY PLENUM COLLAR CONNECTION. MAKEUP AIR DUCT CONNECTION SHALL BE OF THE SAME SIZE AS THE PLENUM COLLAR AND INSTALLED COMPLETE WITH THE MANUAL VOLUME DAMPER FURNISHED WITH THE HOOD. BALANCE AIRFLOW PER THE HOOD MANUFACTURER'S DESIGN DOCUMENTS.
7. ROUTE MAKEUP AIR DUCTWORK FULL SIZE FROM THE UNIT CONNECTION THROUGH THE ROOF AND TRANSITION TO SIZE SHOWN. PROVIDE FLEXIBLE CONNECTION AT EQUIPMENT.
8. EXISTING TOILET EXHAUST FANS AND DUCTS TO REMAIN. FIELD VERIFY ROUTING TO EXTERIOR WALL CAP. REPAIR OR REPLACE AS NECESSARY.
9. MANUAL PULL STATION FOR KITCHEN HOOD FIRE SUPPRESSION SYSTEM ACTIVATION AND GAS SUPPLY SHUT-OFF. COORDINATE THE COMPLETE INSTALLATION WITH OTHER TRADES.
10. PROVIDE NEW WALL MOUNTED 24/7 AUTO-CHANGEOVER PROGRAMMABLE THERMOSTATS COMPATIBLE WITH EXISTING HVAC UNIT MOUNTED AT 48" A.F.F. COORDINATE LOCATION WITH FIXTURES AND DECOR. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
11. RELOCATE EXISTING DIFFUSER TO NEW LOCATION AS SHOWN. CLEAN REPAIR REPLACE AS NECESSARY.
12. DEMO EXISTING GRILLE AND ASSOCIATED DUCTWORK.
13. REBALANCE DIFFUSER/GRILLE TO CFM AS SHOWN.
14. DASHED LINE DUCTWORK IS EXISTING TO REMAIN. CLEAN, REPAIR REPLACE AS NECESSARY.

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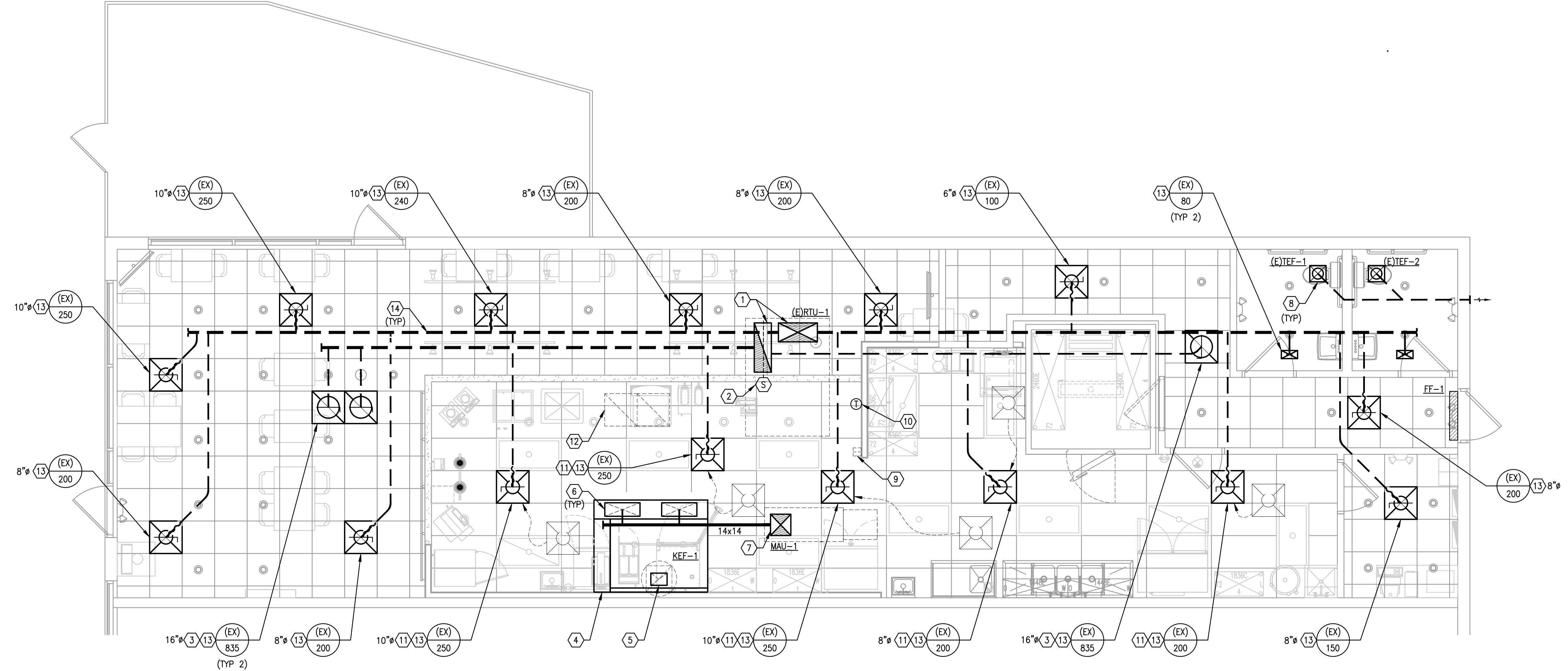
DATE	DESCRIPTION
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DATE	DESCRIPTION

SHEET TITLE:
MECHANICAL FLOOR PLAN

SHEET NUMBER:
M1.0

054 PROJECT NUMBER:
DBQ21011



FAN SCHEDULE											
MARK	SERVICE	CFM	E.S.P. "WG	RPM	MOTOR HP	VOLTS/PH	MANUFACTURER	MODEL	TYPE	WEIGHT	NOTES
KEF-1	KITCHEN HOOD	1200	0.8	1190	0.5	115/1	ACCUREX	XCUE-140-VG	ROOF UPBLAST FAN	84	1,2,4,5,6
MAU-1	COOKLINE HOOD	1000	0.5	1401	1.0	115/1	ACCUREX	XDG-P115	MAKEUP AIR FAN	421	1,3,4,5,6,9
(E)TEF-1	RESTROOM	100	EXISTING	EXISTING	EXISTING	120/1	EXISTING	EXISTING	CEILING CABINET FAN	EXISTING	7,8
(E)TEF-2	RESTROOM	100	EXISTING	EXISTING	EXISTING	120/1	EXISTING	EXISTING	CEILING CABINET FAN	EXISTING	7,8
FF-1	REAR SERVICE DOOR	2250	0.5	-	0.5	120/1	MARS	STD36	WALL MNTD, DOWNBLAST	34	10,11

NOTES:

- PROVIDE INTERLOCK SWITCH BETWEEN KITCHEN HOOD EXHAUST FAN AND MAU-1. COORDINATE REQUIRED WORK WITH THE ELECTRICAL CONTRACTOR.
- THE FAN SHALL BE FACTORY EQUIPPED WITH AN INDEPENDENT WEATHER PROOF DISCONNECT SWITCH IN SIGHT OF THE EQUIPMENT.
- WEATHER PROOF DISCONNECT SWITCH AND INTERNAL WIRING SHALL BE FACTORY INSTALLED.
- PROVIDE GRAVITY BACKDRAFT DAMPER.
- PROVIDE FACTORY AVAILABLE GREASE BOX.
- FURNISHED WITH THE KITCHEN EQUIPMENT PACKAGE, INSTALLED BY THE MECHANICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR SHALL INTERLOCK WITH RESPECTIVE RESTROOM LIGHT SWITCH FOR SIMULTANEOUS OPERATION.
- EXISTING TO REMAIN.
- FAN IS FACTORY EQUIPPED WITH DIRECT FIRED GAS COMBUSTION HEAT EXCHANGER, RATED FOR 82 MBH INPUT / 76 MBH OUTPUT.
- INSTALL COMPLETE WITH MANUFACTURER AVAILABLE DOOR LIMIT MICRO SWITCH.
- FAN SHALL BE FURNISHED BY OWNER AND INSTALLED BY THE GENERAL CONTRACTOR.

O/A VENTILATION SCHEDULE						
AREA SERVED	VENTILATION (OCCUPANCY)			VENTILATION (AREA)		
	# OF PPL	CFM/PERSON	CFM	SF	CFM/SF	CFM
CUSTOMER	14	7.5	105	848	0.18	153
KITCHEN/BOH	6	7.5	45	778	0.12	94
RESTROOMS	-	-	-	64	-	-
SUBTOTALS			150			251
TOTAL O/A REQUIRED			401 CFM			

NOTES:

- CALCULATIONS ARE BASED ON 2017 OHIO MECH. CODE
- OUTDOOR AIR DEMAND IS: - 401 CFM
OUTDOOR AIR PROVIDED IS: + 800 CFM
OUTDOOR AIR DIFFERENCE IS: + 399 CFM

AIR BALANCE SCHEDULE						
MARK	DINING (CFM)			KITCHEN (CFM)		
	S/A	O/A	E/A	S/A	O/A	E/A
(E)RTU-1	3300	800	-	-	-	-
KEF-1	-	-	-	-	-	1200
MAU-1	-	-	-	-	1000	-
TEF-1	-	-	200	-	-	-
TOTAL	3300	800	200	-	1000	1200

DINING PRESSURIZATION (O/A) - (E/A) = +600 CFM KITCHEN PRESSURIZATION (O/A) - (E/A) = -200 CFM
NET BUILDING PRESSURIZATION (DINING + KITCHEN) = +400 CFM

*NOTE: EXISTING RTU AND FAN CFMS ARE ASSUMED VALUES BASED ON EXISTING MODEL NUMBERS.

EXISTING ROOFTOP UNIT SCHEDULE		
MARK	(E)RTU-1	
GENERAL	SERVING	DINING/BOH
	MANUFACTURER	JOHNSON CONTROLS
	MODEL NO.	ZXG09
	TYPE	GAS/ELEC
	OPERATING WEIGHT, LBS.	EXISTING
	LENGTH, WIDTH, HEIGHT	EXISTING
	MINIMUM EER/SEER	11.2/-
ELECTRICAL	VOLTS/ PH/ HZ	208/3/60
	MCA (AMPS)	45
	MOCP (AMPS)	50
SUPPLY FAN	SUPPLY AIR CFM	3300
	OUTSIDE AIR CFM	800
	ESP ("W.G.)	1.0
	FAN RPM	EXISTING
	MOTOR HP	EXISTING
COOLING	NOMINAL SIZE TONS	8.5
	TOTAL CAPACITY (MBH)	105.6
	SENSIBLE CAPACITY (MBH)	85.5
	OUTSIDE AIR DB/WB, "F.	93
	ENTERING AIR DB/WB, "F.	80/67
HEATING	TYPE OF HEAT	GAS
	HEATING INPUT (MBH)	180
	HEATING OUTPUT (MBH)	144
	OUTSIDE AIR DB/WB, "F.	5
	LEAVING AIR DB/WB, "F.	96.7
NOTES		1-3

NOTES: (NOT ALL MAY APPLY)

- HVAC EQUIPMENT IS EXISTING TO BE REUSED.
- CONTRACTOR SHALL BRING SYSTEMS TO "LIKE NEW" CONDITION, INCLUDING BUT NOT LIMITED TO REPLACING OR ADJUSTING FAN BELTS & PULLEYS, RECHARGING REFRIGERANT, COMBING FINS, ETC.
- BALANCE AIRFLOWS FOR S/A AND O/A TO VALUES NOTED ABOVE.

MECHANICAL LEGEND		
SYMBOL	ABBR.	DESCRIPTION
	CD	CEILING DIFFUSER - SUPPLY
	CD	CEILING DIFFUSER BELOW DUCT - SUPPLY
	SAD	RISER - SUPPLY AIR DUCT
	SAD	DROP - SUPPLY AIR DUCT
	CR	CEILING REGISTER - RETURN
	CR	CEILING REGISTER BELOW DUCT - RETURN
	RAD	RISER - RETURN AIR DUCT
	RAD	DROP - RETURN AIR DUCT
	CE	CEILING REGISTER - EXHAUST
	CE	CEILING REGISTER BELOW DUCT - EXHAUST
	EAD	RISER - EXHAUST AIR DUCT
	(L)	LINED DUCTWORK
	VD	MANUAL VOLUME DAMPER
	FC	FLEXIBLE CONNECTION
		NEW DUCT
		AIR DEVICE DESIGNATION
	TSTAT	PROGRAMMABLE THERMOSTAT
	SENS	REMOTE TEMPERATURE SENSOR
	SD	SMOKE DETECTOR
	POC	POINT OF CONNECTION
	CFM	CUBIC FEET PER MINUTE
	S/A	SUPPLY AIR
	R/A	RETURN AIR
	O/A	OUTSIDE AIR
	E/A	EXHAUST AIR
	S.P.	STATIC PRESSURE
	FOH	FRONT OF HOUSE
	BOH	BACK OF HOUSE
	VF	VERIFY IN FIELD
	(E)	EXISTING

GENERAL NOTES	
1.	FOR THE PURPOSE OF CLARITY AND LEGIBILITY, THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND ALTHOUGH SIZES AND LOCATIONS OF EQUIPMENT ARE DRAWN TO SCALE WHEREVER POSSIBLE, THE CONTRACTOR SHALL MAKE USE OF ALL DATA THROUGHOUT THE CONTRACT DOCUMENTS AND VERIFY THIS INFORMATION PRIOR TO ORDERING, FABRICATING OR INSTALLING ANY MATERIALS.
2.	THE MECHANICAL CONTRACTOR SHALL PROVIDE COMPLETE INFORMATION AND COOPERATE WITH THE OTHER CONTRACTORS AND TRADES AS REQUIRED FOR THE COMPLETION AND COORDINATION OF THE COMPLETE PROJECT.
3.	THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ADMINISTERING ALL WARRANTIES ON EQUIPMENT WHICH THEY FURNISH AND INSTALL. PROVIDE WRITTEN WARRANTY TO REPLACE ALL FAULTY MATERIALS AND/OR LABOR, AT NO COST TO TENANT, FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER. WARRANTIES SHALL BEGIN ON THE DATE OF SUBSTANTIAL COMPLETION.
4.	THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER TRADES ALL REQUIRED OPENINGS AND PENETRATIONS. ALL REQUIRED OPENINGS IN FOUNDATIONS, FLOORS, WALLS AND ROOF SHALL BE CONSTRUCTED INTO THE STRUCTURE WITH THE USE OF SLEEVES, CURBS, ETC. CUTTING AND PATCHING SHALL BE HELD TO A MINIMUM.
5.	THE MECHANICAL CONTRACTOR SHALL COORDINATE ALL DUCT AND DIFFUSER LOCATIONS WITH SPRINKLER PIPING, SPRINKLER HEADS AND LIGHT FIXTURES AS REQUIRED FOR A COMPLETE INSTALLATION.
6.	PROVIDE VIBRATION ISOLATION DEVICES AND FLEXIBLE DUCT/ PIPING CONNECTIONS TO ALL MOVING MACHINERY NOT INTERNALLY ISOLATED.
7.	ALL ITEMS PROJECTING THROUGH THE ROOF SHALL BE FLASHED THROUGH CURBS OR PIPE SEALS A MINIMUM OF 12" ABOVE THE ROOF. THE PIPE CURBS AND SEALS SHALL BE INSTALLED BY THE ROOFING CONTRACTOR. ENSURE THAT AMPLE BOOT OPENINGS ARE PROVIDED TO ACCOMMODATE ANY ELECTRICAL CONDUIT PENETRATIONS REQUIRED FOR POWER.
8.	ALL OUTDOOR AIR INTAKES BY MECHANICAL EQUIPMENT SHALL HAVE A MINIMUM 10'-0" HORIZONTAL CLEARANCE FROM THE DISCHARGE OF ANY EXHAUST FAN, COMBUSTION EXHAUST OR PLUMBING VENT.
9.	HVAC UNITS SHALL BE SET TO RUN IN "FAN CONTINUOUS" MODE DURING OCCUPIED HOURS. DURING NIGHT SET-BACK HOURS, THE HVAC UNITS SHALL RUN IN "FAN AUTO" MODE.
10.	MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL 4" HIGH BLACK OVER WHITE LAMINATE NAMEPLATE WITH 2" LETTERS VISIBLE ADJACENT TO DISCONNECT SWITCH FOR HVAC UNITS AND FANS.
11.	ANY FLEXIBLE DUCTS SHALL BE INSTALLED IN CONCEALED SPACES ONLY. THE MAXIMUM ALLOWABLE LENGTH OF FLEXIBLE DUCT SHALL BE 5'-0". ALL FLEXIBLE DUCTS SHALL BE CONNECTED TO BRANCH RUNS AND FITTINGS WITH A PANDUIT-TYPE BAND, AND SHALL NOT BE ATTACHED DIRECTLY TO THE AIR DEVICE COLLAR.
12.	SUPPLY, RETURN, RESTROOM EXHAUST DUCT CONSTRUCTION SHALL BE GALVANIZED STEEL (UNO) GAUGES, SWAY BRACING AND SUSPENSION SHALL CONFORM TO SMACNA STANDARDS. SEAL ALL SEAMS AND JOINTS AIR AND WATER TIGHT. FLEXIBLE ALUMINUM DUCTWORK OR FIBERGLASS DUCTBOARD IS NOT ALLOWED.
13.	ALL HVAC SUPPLY AND RETURN EXPOSED RIGID DUCTWORK SHALL BE INTERNALLY LINED AND PINNED WITH MINIMUM R-8, 1-1/2" INSULATION WITH VAPOR BARRIER PER THE 2017 OHIO MECHANICAL CODE WITH LOCAL AMENDMENTS. INSULATION SHALL HAVE MAXIMUM RATINGS OF 25 FLAME SPREAD, 50 SMOKE DEVELOPED. REFER TO ARCHITECTURAL DRAWINGS FOR DUCT PAINT OR COLOR SPECIFICATION
14.	ALL HVAC SUPPLY AND RETURN CONCEALED RIGID DUCTWORK TO BE EXTERNALLY WRAPPED AND SECURED WITH MINIMUM R-8, 2" INSULATION WITH VAPOR BARRIER PER THE 2017 OHIO MECHANICAL CODE WITH LOCAL AMENDMENTS. INSULATION SHALL HAVE MAXIMUM RATINGS OF 25 FLAME SPREAD, 50 SMOKE DEVELOPED.
15.	ALL PENETRATIONS IN FIRE RATED WALL ASSEMBLIES SHALL BE SEALED WITH UL LISTED FIRE STOPPING MATERIAL.
16.	ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS.
17.	ALL RECTANGULAR, ROUND, AND FLEXIBLE DUCTWORK SHALL BE SIZED AS SHOWN ON THESE DRAWINGS, AND SHALL BE FABRICATED AND INSTALLED ACCORDING TO THE MOST RECENTLY PUBLISHED SMACNA STANDARDS. ALL JOINTS, SEAMS, AND CONNECTIONS MUST BE SECURELY FASTENED & SEALED BY APPROVED METHODS.
18.	THERMOSTAT(S) SHALL BE LOCATED AT 48" A.F.F. EXACT LOCATIONS SHALL BE FIELD COORDINATED TO AVOID INTERFERENCE WITH WALL-MOUNTED WORK OR PROXIMITY TO HEAT PRODUCING EQUIPMENT.
19.	PER THE 2017 OHIO MECHANICAL CODE WITH CITY AMENDMENTS WHEN REQUIRED, EACH SINGLE SYSTEM PROVIDING HEATING OR COOLING AIR IN EXCESS OF 2000 CUBIC FEET PER MINUTE SHALL BE EQUIPPED WITH AN AUTOMATIC SHUTOFF. AUTOMATIC SHUTOFF SHALL BE ACCOMPLISHED BY INTERRUPTING THE POWER SOURCE OF THE AIR MOVING EQUIPMENT DEVICES WHICH WILL DETECT PRODUCTS OF COMBUSTION OTHER THAN HEAT, AND WHICH COMPLY WITH THE BUILDING CODE, SHALL BE LABELED BY AN APPROVED AGENCY FOR AIR DUCT INSTALLATION AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. SUCH DEVICES SHALL BE COMPATIBLE WITH THE OPERATING VELOCITIES, PRESSURES, TEMPERATURES AND HUMIDITIES OF THE SYSTEM WHERE FIRE DETECTION OR ALARM SYSTEMS ARE PROVIDED FOR THE BUILDING. SMOKE DETECTORS SHALL BE SUPERVISED BY SUCH SYSTEMS.
20.	THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING THE AIR FILTERS AT THE AIR HANDLING UNITS WITH PLEATED MERV 8 THROW AWAY TYPE AIR FILTERS AT THE COMPLETION OF CONSTRUCTION AND PRIOR TO AIR BALANCE AND STORE TURNOVER.
21.	MECHANICAL CONTRACTOR SHALL BE ON SITE AND PRESENT AT THE DATE OF STORE TURNOVER.
22.	REFER TO MANUFACTURER SHEETS FOR THE HOOD CONTROL WIRING DIAGRAM FOR OPERATION OF THE KITCHEN HOOD EQUIPMENT.

TEST AND BALANCE NOTES	
1.	THE GENERAL CONTRACTOR SHALL SUBCONTRACT TO AN INDEPENDENT AIR TEST AND BALANCE CONTRACTOR FOR THE TESTING, ADJUSTING AND BALANCING OF ALL ENVIRONMENTAL SYSTEMS SHOWN OR SPECIFIED ON THE CONTRACT DOCUMENTS. THIS SHALL INCLUDE EQUIPMENT OPERATION IN COOLING, HEATING, AND DEHUMIDIFICATION OPERATIONAL MODES. THE WORK SHALL BE PERFORMED BY A FIRM CERTIFIED BY EITHER AMBC OR NEBB, AND FOUR COPIES OF THE FINAL REPORT, SUBMITTED ON CERTIFYING AGENCY FORMS, SHALL BE SUBMITTED TO THE DICKEY'S CONSTRUCTION MANAGER FOR APPROVAL. THE REPORT SHALL BEAR THE CERTIFICATION SEAL OF THE TAB SUPERVISOR IN CHARGE. REPORTS SHALL CONTAIN ALL AIR SIDE BALANCING DATA, INSTRUMENTS USED AND THEIR LATEST CALIBRATION DATES, PERSON(S) PERFORMING THE WORK AND A WRITTEN GUARANTEE THAT ALL TAB WORK WAS PERFORMED IN ACCORDANCE WITH THE CERTIFYING AGENCY STANDARDS AND PROCEDURES.
2.	THE TEST AND BALANCE REPORT SHALL INCLUDE OPERATIONAL DATA FOR EVERY COMPONENT OF THE COMPLETE MECHANICAL SYSTEM INCLUDING HVAC EQUIPMENT, HVAC AIR DEVICES, RESTROOM FANS, ETC. THIS DATA SHALL INCLUDE THE BALANCED OPERATING DATA FOR EQUIPMENT AS COMPARED TO THE DESIGN AIR BALANCE SCHEDULE ON THIS SHEET.
3.	FOR CLARIFICATION, THE ENGINEER OF RECORD WILL NOT BE ABLE TO REVIEW THE INSTALLED MECHANICAL SYSTEMS FOR POTENTIAL OPERATIONAL ISSUES OR INSTALLATION DEFICIENCIES WITHOUT THE FULL AND COMPLETE TEST AND BALANCE REPORT.

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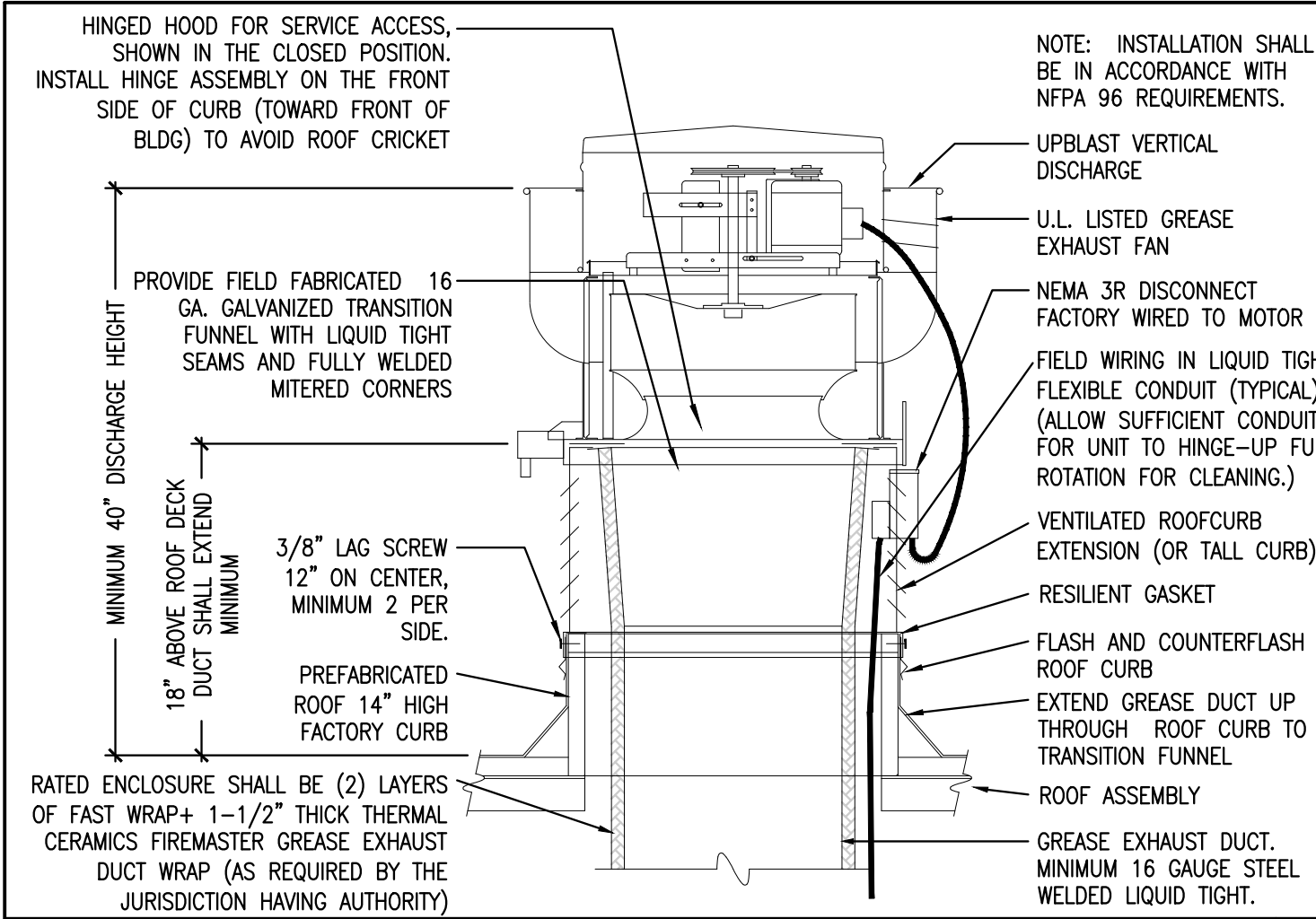
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MECHANICAL SCHEDULES

SHEET NUMBER:

M2.0

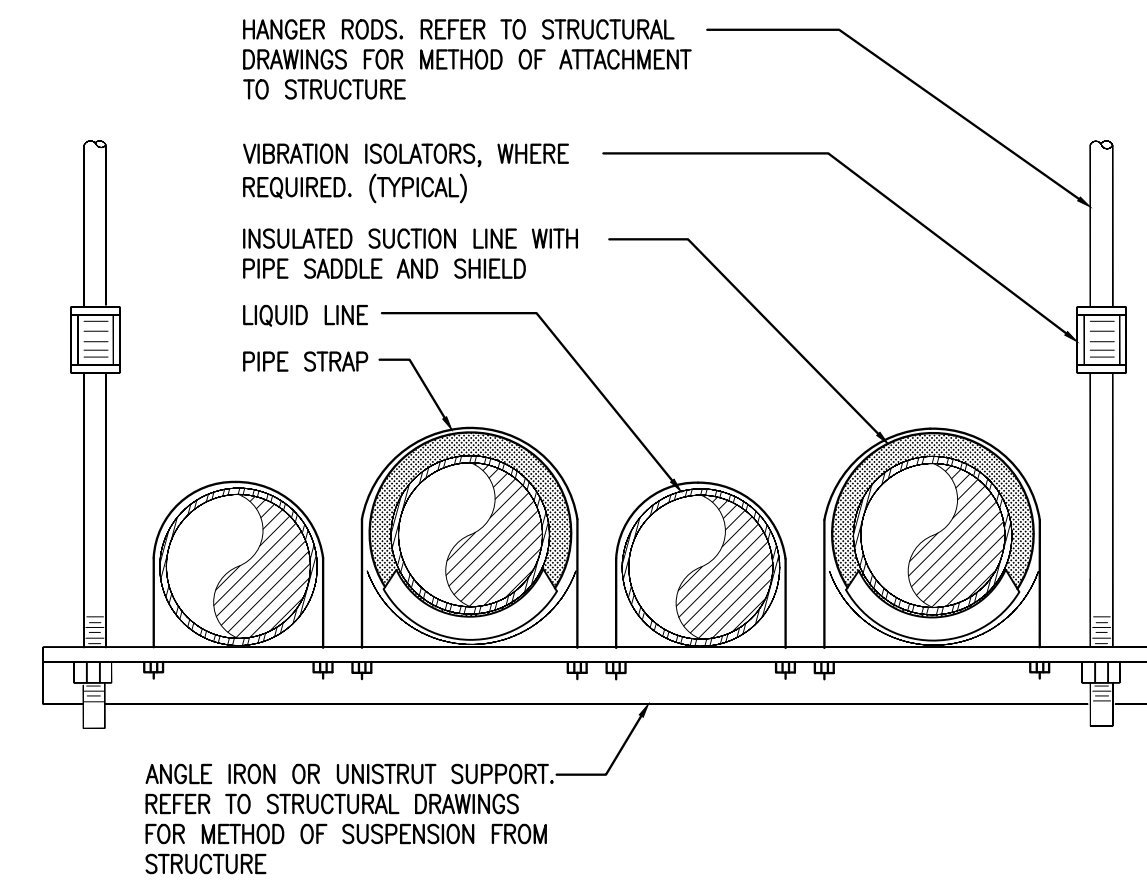
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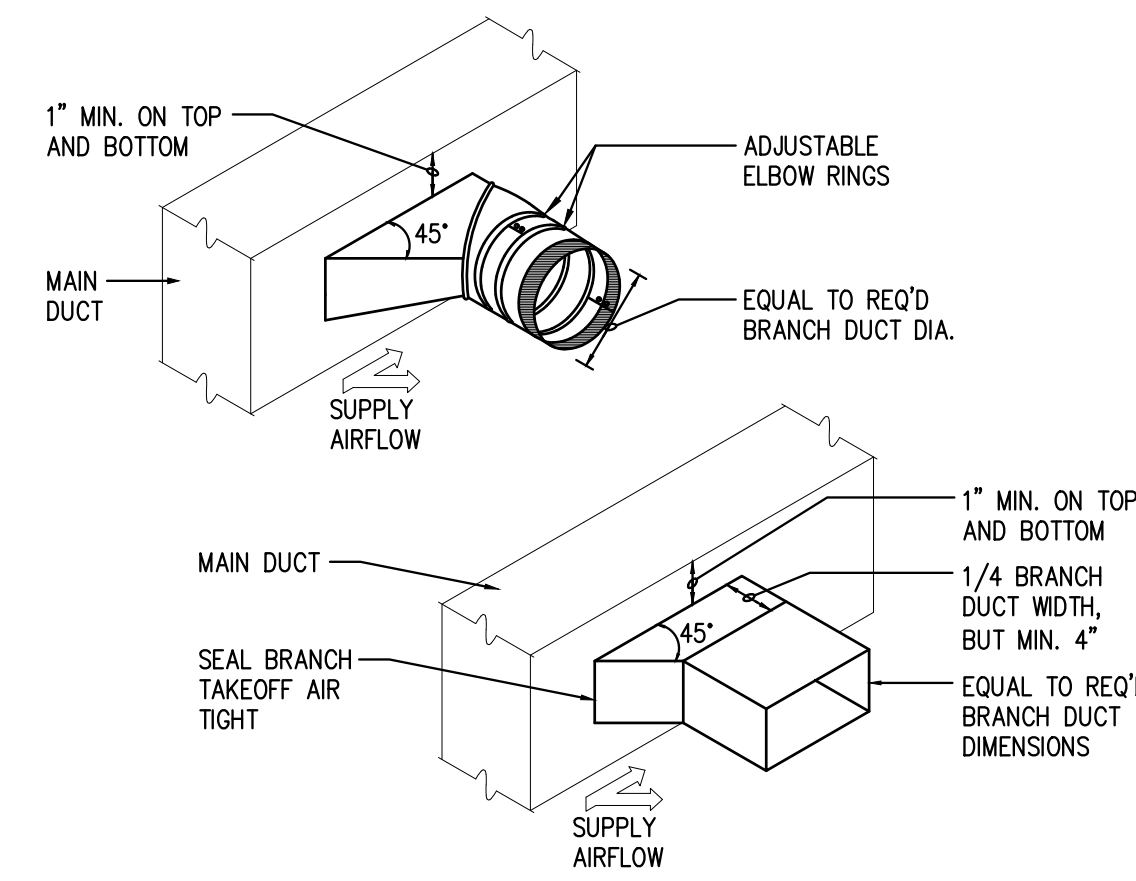
KITCHEN UPBLAST GREASE EXHAUST FAN DETAIL
SCALE: NONE

1



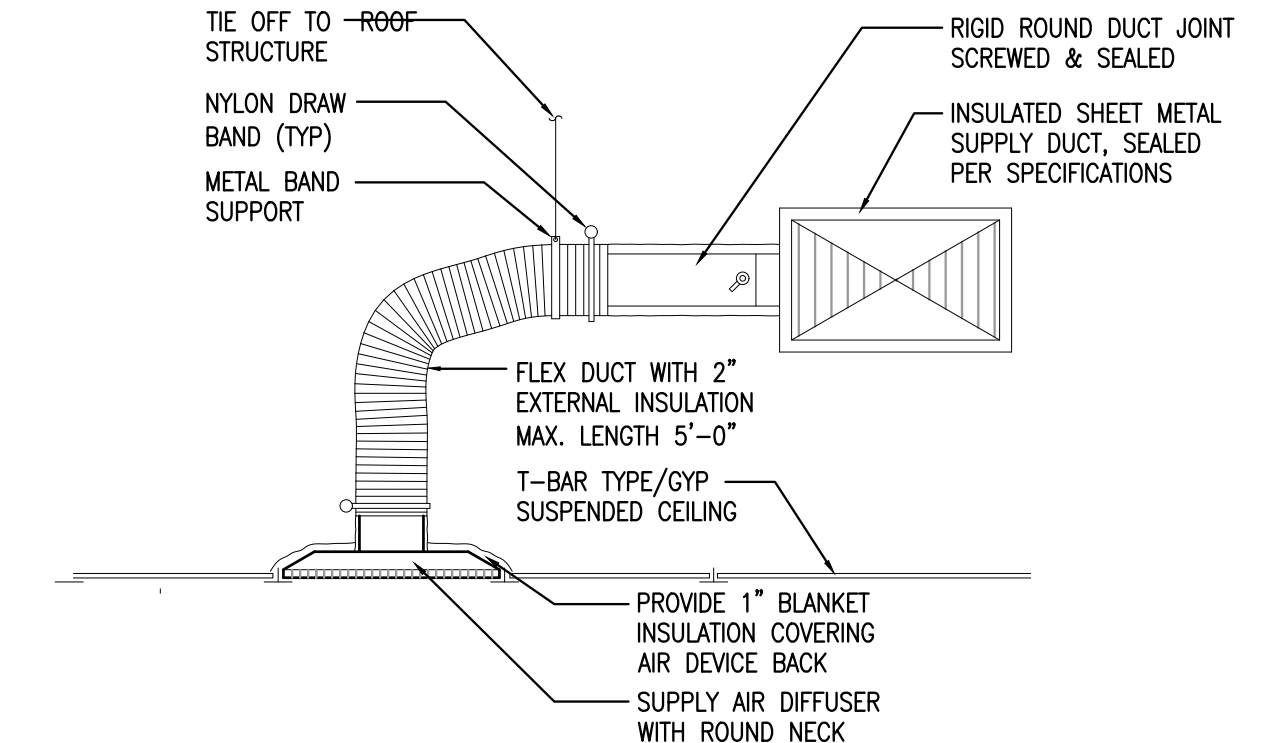
HORIZONTAL REFRIGERANT PIPE SUPPORT DETAIL
SCALE: NONE

2



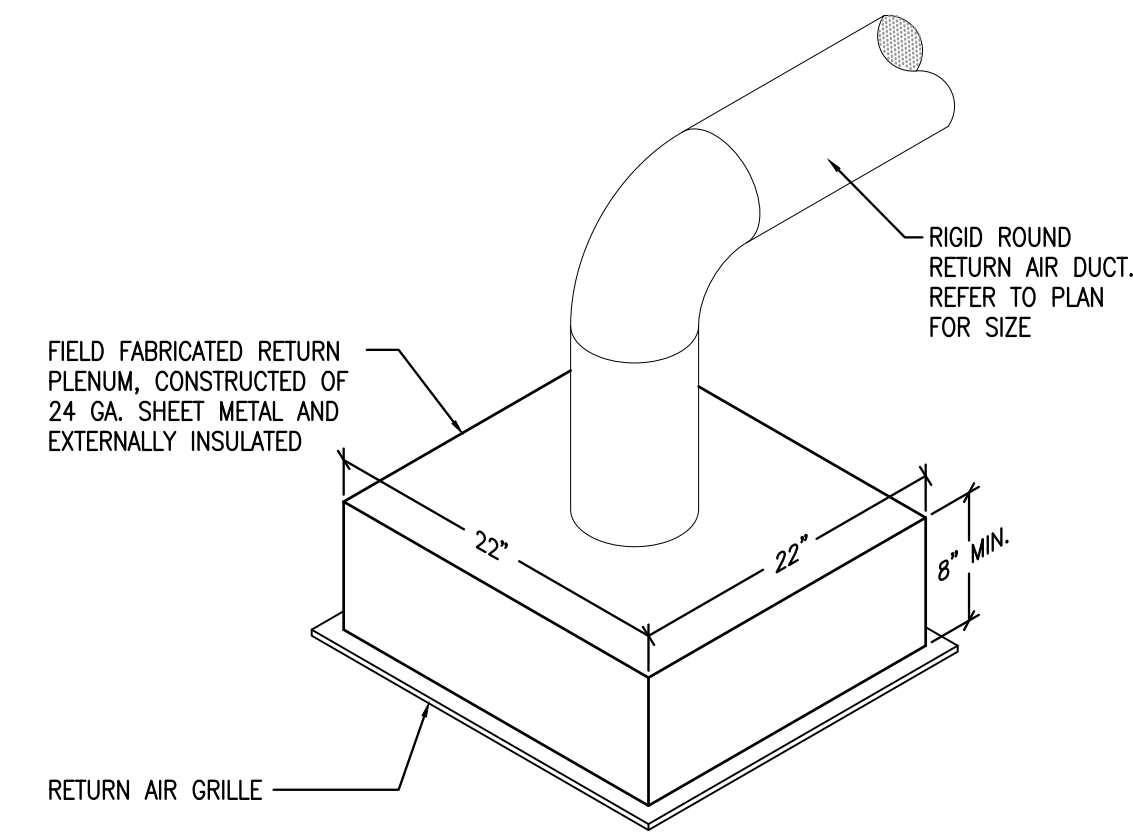
BRANCH TAKE-OFF FITTING DETAIL
SCALE: NONE

3



CEILING MOUNTED SUPPLY AIR DIFFUSER DETAIL
SCALE: NONE

4



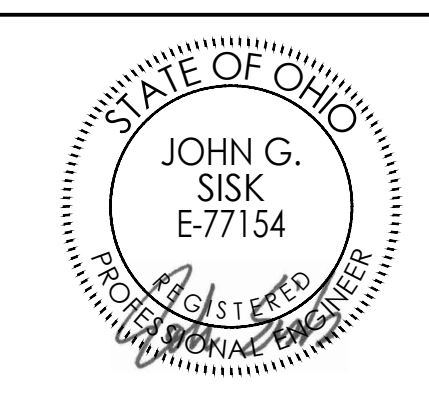
CEILING MOUNTED RETURN AIR GRILLE DETAIL
SCALE: NONE

5

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SHEET TITLE:
**MECHANICAL
DETAILS**

SHEET NUMBER:
M3.0

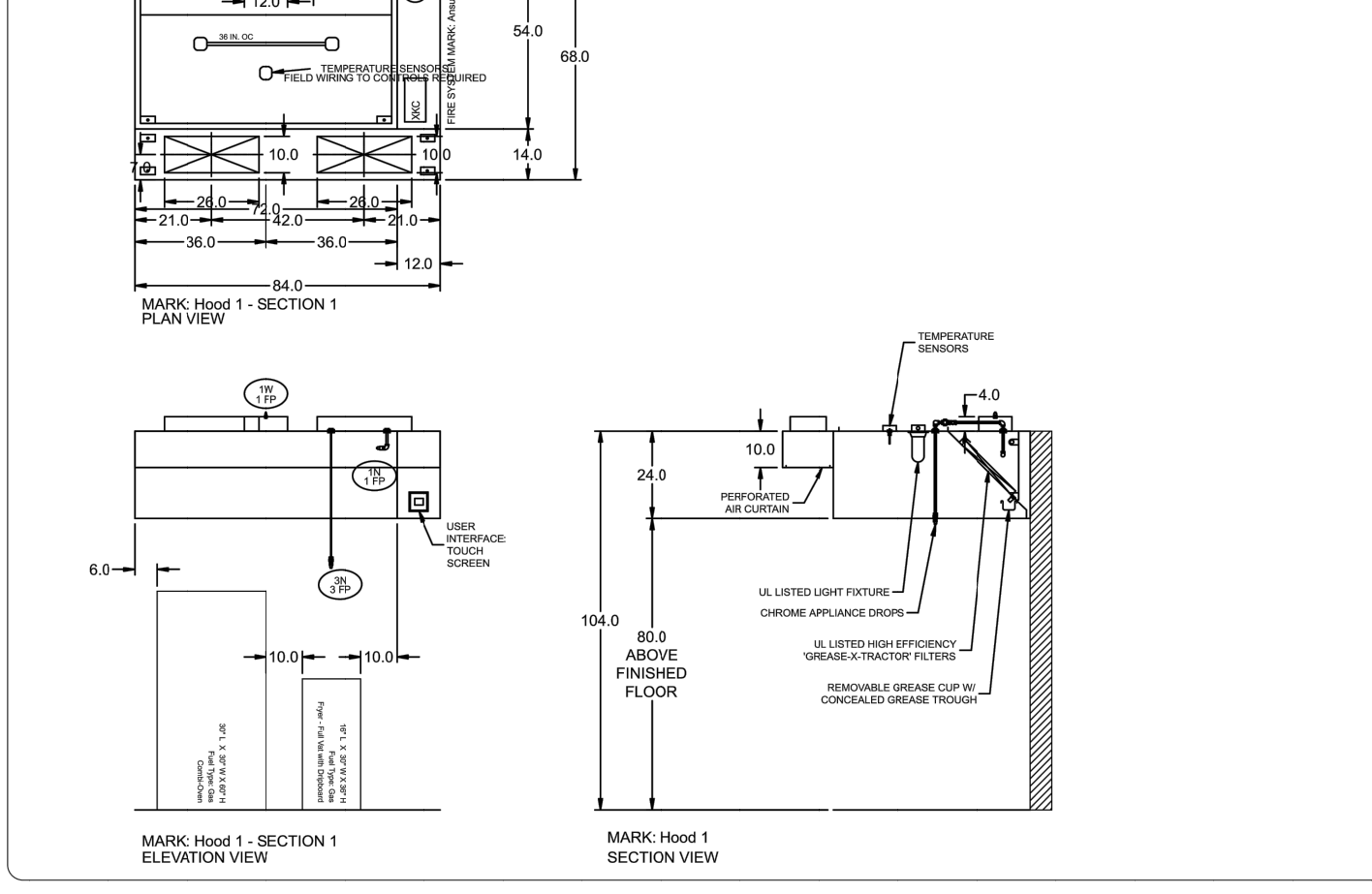
OS4 PROJECT NUMBER:
DBQ21011

HOOD INFORMATION		HOOD DIMENSIONS (IN.)				COOKING LOAD / DUTY STATUS		EXHAUST COLLARS				SUPPLY		TOTAL WEIGHT		SECTION LOCATION	
HOOD NO.	MARK	MODEL	LENGTH	WIDTH	HEIGHT	LOAD	DUTY	WIDTH	LENGTH	DIA.	CFM	S.P.	MUA	AC	CFM	WEIGHT	SECTION
1	HOOD 1	XXEH-72-S	72	34	24	2800	HEAVY	1200	3	12	1000	3.95	1000			212.25A	SINGLE

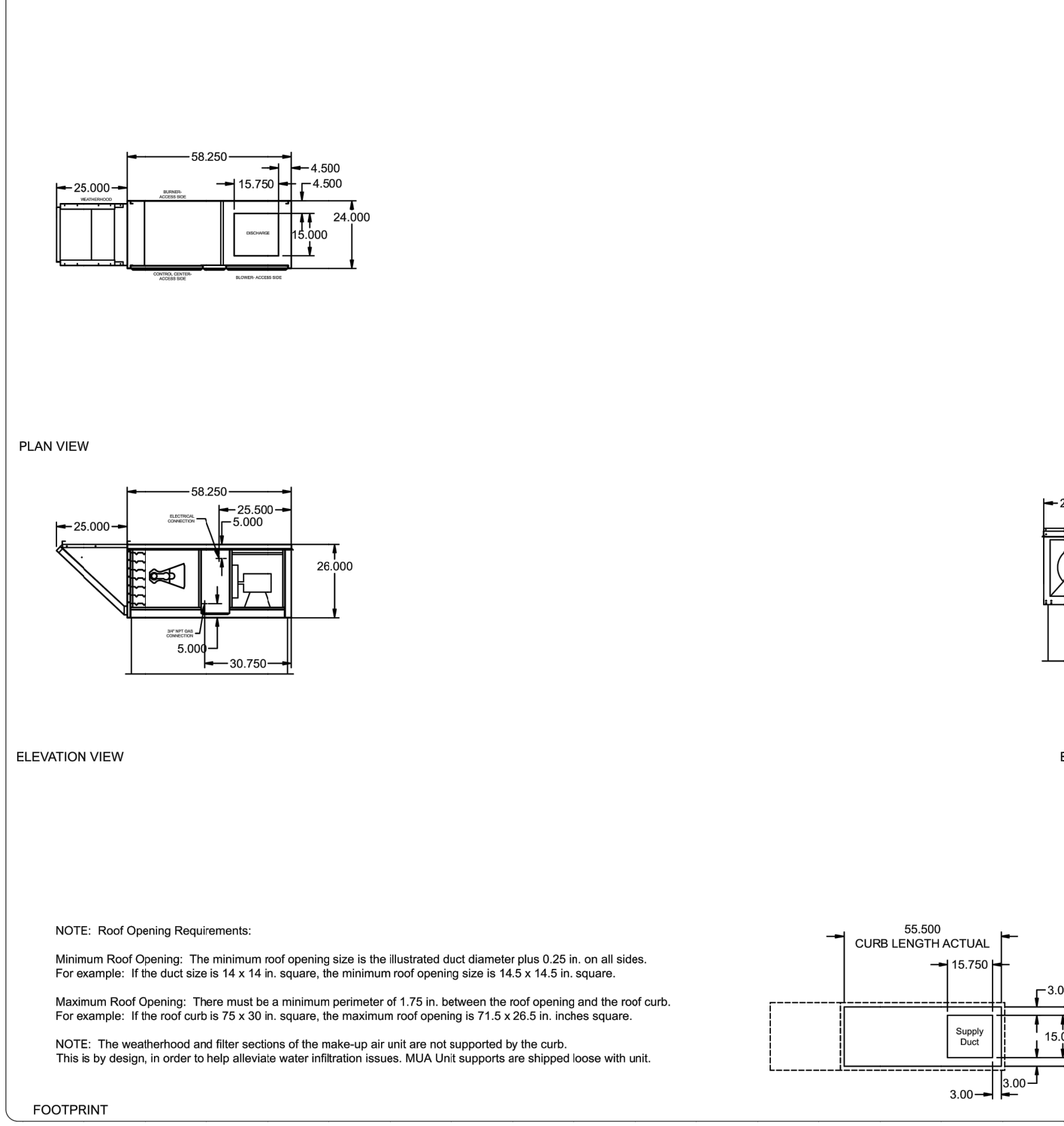
HOOD INFORMATION		LIGHTING DETAILS				GREASE FILTRATION DETAILS				UTILITY CABINET(S)			
HOOD NO.	MARK	FIXTURE TYPE	QUANTITY	FOOT CANDLE	TYPE	MODEL	QUANTITY	SIZE (IN.)	LOCATION	FIRE SYSTEM TYPE	MODEL	SIZE	CONTROL INTERFACE
1	HOOD 1	INCANDESCENT (GLOBE)	2	39.21	X-TRACTOR	2	15	30	RIGID	ANSUL R104	1.5	30x	TOUCHSCREEN

SUPPLY PLENUM INFORMATION		SIZE (IN.)				LEAD LIGHTS		TOTAL		COLLARS	
HOOD NO.	MARK	POS.	TYPE	L	W	H	SUPPLIED	QTY	CFM	TYPE	MOUNTING
1	HOOD 1	FRONT	ASB	34	14	10	NO	YES	1000	MUA	FACTORY

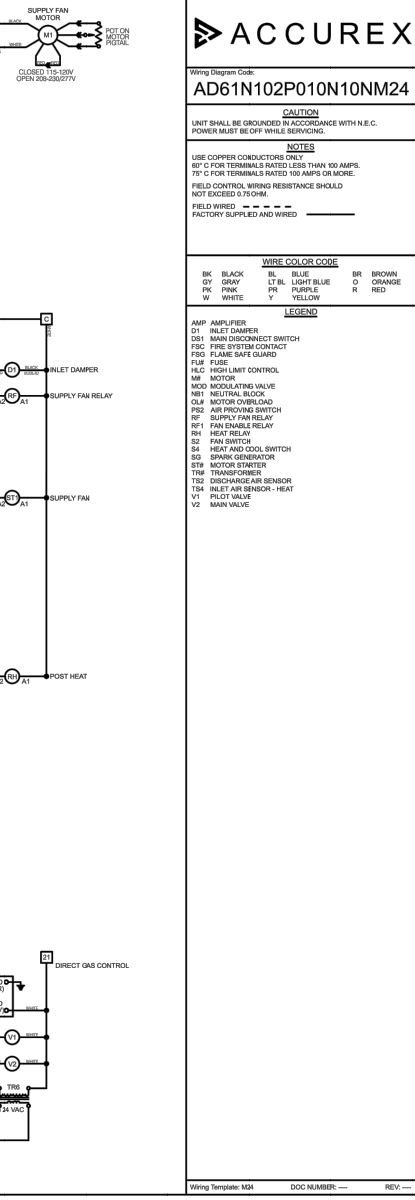
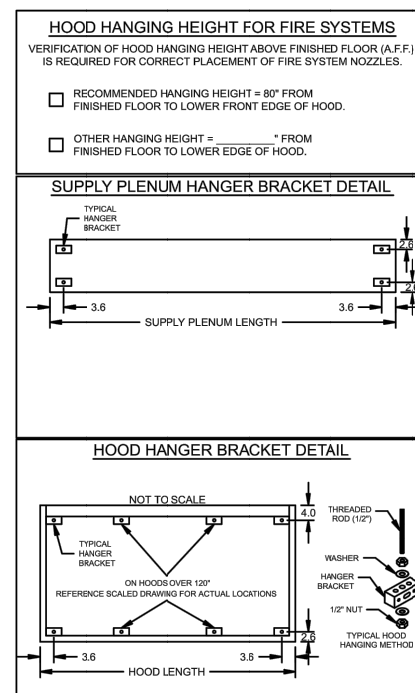
HOOD OPTIONS
 LA TO LISTED W/ OUT EXHAUST FINE DAMPER - LA #R2625
 BACK INTEGRAL AIR SPACE - 3/4" WIDE
 FACTORY MOUNTED EXHAUST COLLARS
 PERFORMANCE ENHANCING SP-FIT TECHNOLOGY
 STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH



EQUIPMENT SCHEDULE		OPTIONS AND ACCESSORIES	
NO.	DESCRIPTION	MARK	MODEL
1	HOOD 1	XXEH-72-S	

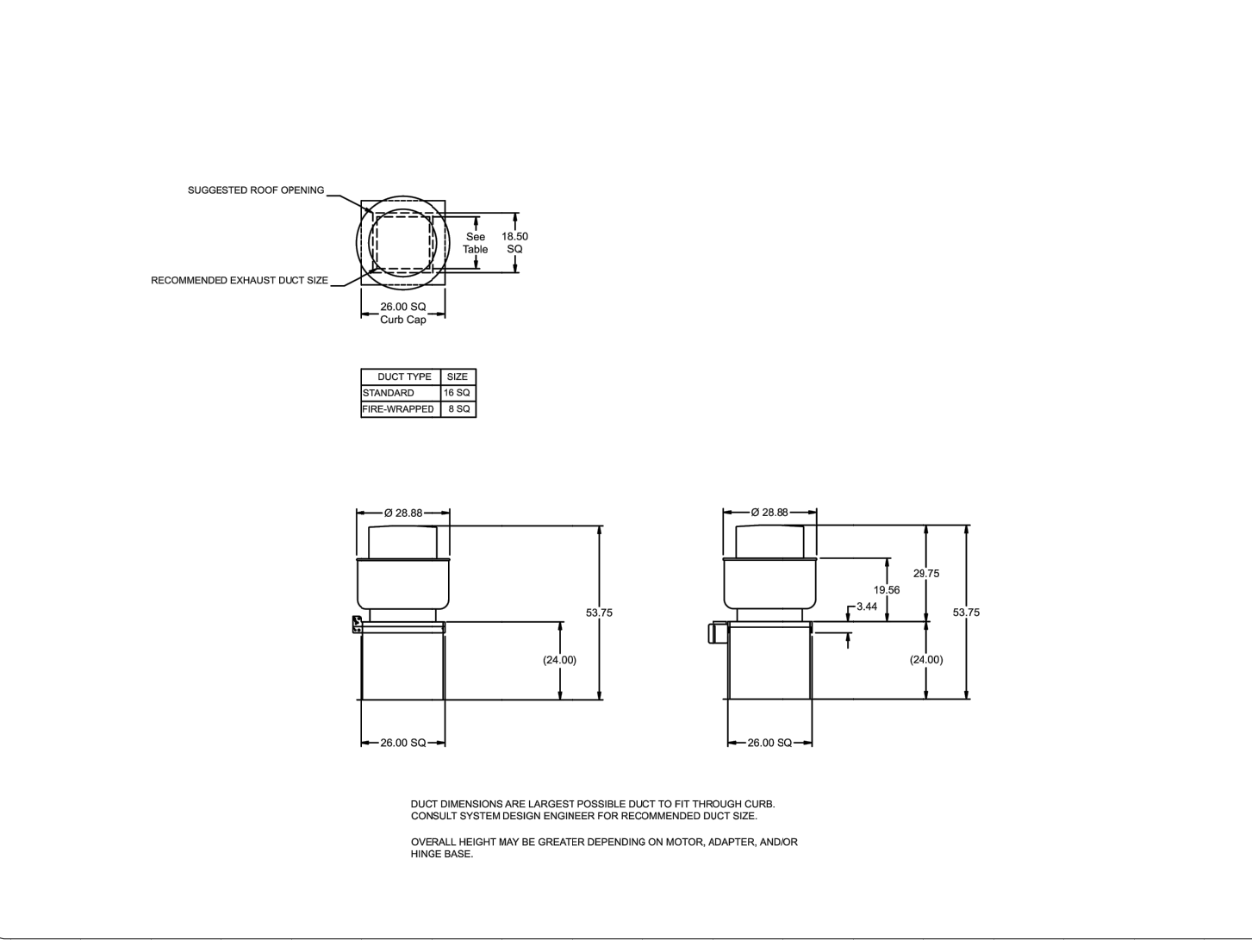


NOTE: Roof Opening Requirements:
 Minimum Roof Opening: The minimum roof opening size is the illustrated duct diameter plus 0.25 in. on all sides.
 For example: If the duct size is 14 x 14 in. square, the minimum roof opening size is 14.5 x 14.5 in. square.
 Maximum Roof Opening: There must be a minimum perimeter of 1.75 in. between the roof opening and the roof curb.
 For example: If the roof curb is 7.5 x 9 in. square, the maximum roof opening is 71.5 x 26.5 in. inches square.
 NOTE: The weatherhood and filter sections of the make-up air unit are not supported by the curb.
 This is by design, in order to help alleviate water infiltration issues. MUA Unit supports are shipped loose with unit.



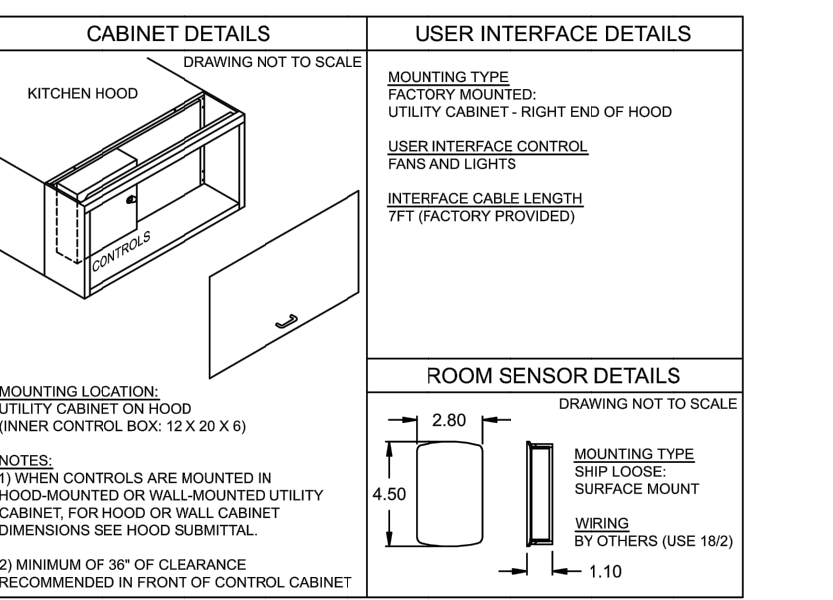
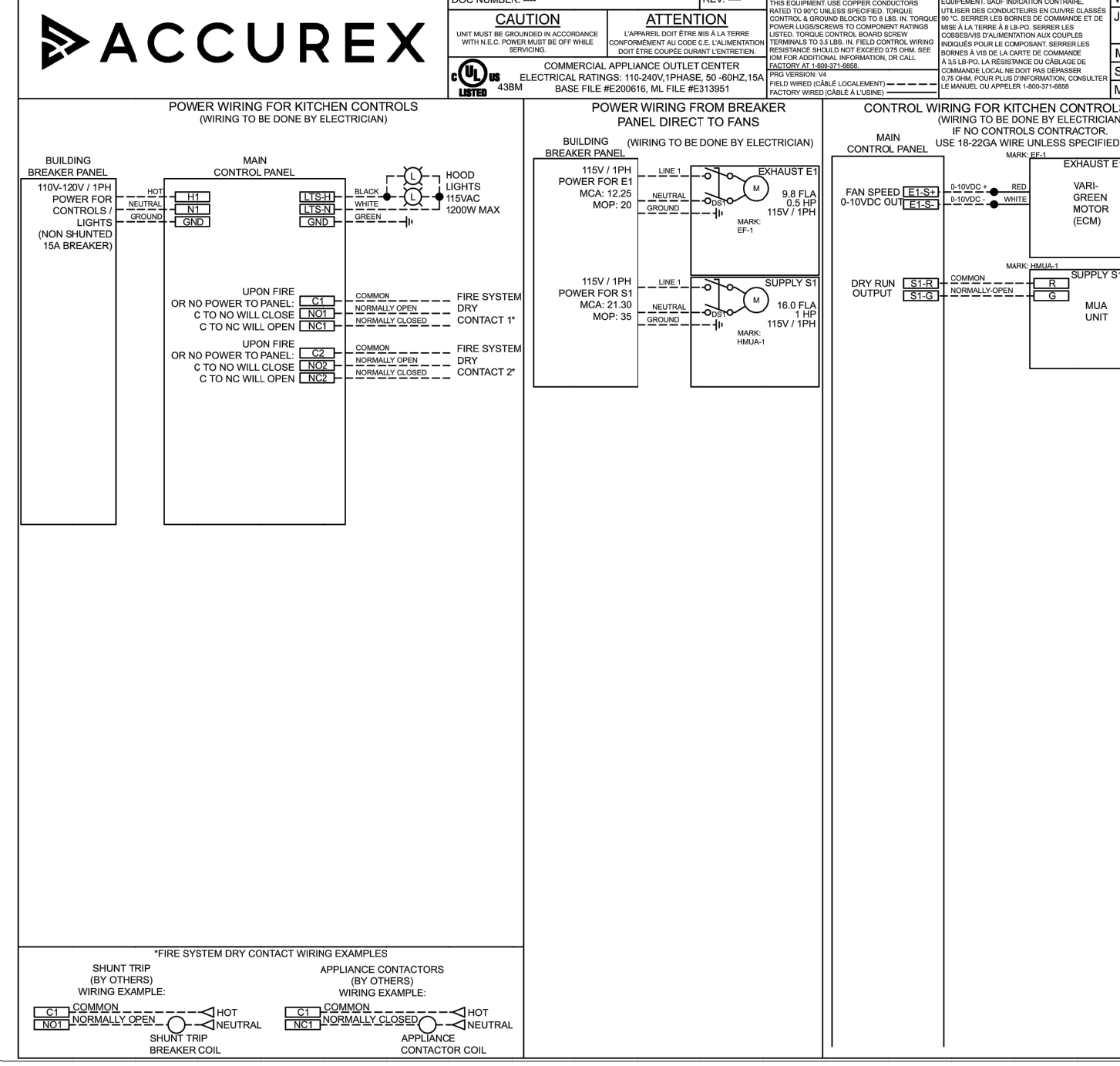
MARK INFORMATION		FAN INFORMATION				MOTOR INFORMATION						
QTY	MARK	MODEL	VOLUME (CFM)	TOTAL EXTERNAL SP (IN. WG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LBS)	SIZE (HP)	VCP	ENCLOSURE	MOTOR RPM	WINDINGS
1	EF-1	XCUE-140-VG	1,300	0.8	1,190	0.29	84	0.5	115/200V	GP	1300	1

Direct Drive Upblast Centrifugal Roof Exhaust Fan
 One (1) each fully welded aluminum
 Tip rated tubing wheel hub
 Weather lube outlet area min. 4.4 sq. in. (size 8-40), 2.0 sq. in. (size 6-40)
 Max. unbalanced radial force: 0.500" aluminum (200 lbs), 0.500" stainless (240#), 2400#, 0.800" aluminum (size 300-480)
 Large Curb Cap Seal - 28 Square
 UL/ULC 762 Listed - "Power Ventilators for Rest. Est. Appliances"
 Switch - NEMA-3R, Toggle, Shipped with Unit
 High Temp Curb Seal Rated for Continuous Duty at 1000 F (Factory Attached)
 Grease Trap (PN 47026)



CONTROL INFORMATION		ELECTRICAL CONTROL PACKAGE		USER INTERFACE		FANS CONTROLLED	
MARK	MODEL	LOCATION	TYPE	LOCATION	FAN #	TYPE	FAN MARK
CONTROLS	XXC-CVSR-11-1-1-0	RIGHT CABINET ON HOOD	FULL COLOR TOUCHSCREEN	CABINET - RIGHT CABINET ON HOOD 1	1	EXHAUST	EF-1
					2	SUPPLY	HMUA-1

CONTROL FEATURES
 HOOD LIGHT CONTROL - QTY: 1
 ROOM SENSOR (SHIPPED LOOSE) - QTY: 1
 DRY FIRE CONTACTS - QTY: 2
 LIGHTS OFF DURING FIRE
 EXHAUST MARK DURING FIRE
 SUPPLY OFF DURING FIRE



CABINET DETAILS		USER INTERFACE DETAILS	
MARK	MODEL	LOCATION	TYPE
CONTROLS	XXC-CVSR-11-1-1-0	RIGHT CABINET ON HOOD	FULL COLOR TOUCHSCREEN

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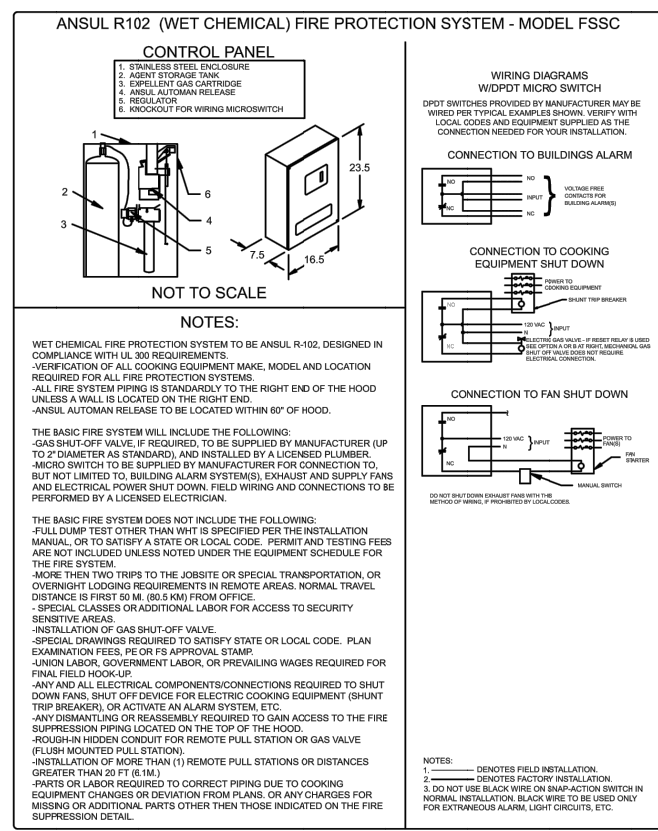
HOOD DRAWINGS

M4.0

DBQ21011

FIRE SYSTEM INFORMATION					
MARK	MODEL	LOCATION	FLOW POINTS HOODS	SUPPLY DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM
ANSUL R-102	ANSUL R-102 NET CORDON	CABINET - RIGHT END OF HOOD 1	5 UTILIZED 1 AVAILABLE	CONTINUOUS FUSIBLE LINK	HOOD 1 SECTION 1

FIRE SYSTEM OPTIONS AND ACCESSORIES
 FULL INSTALLATION INCLUDES PREPARED HOODS WITH DETECTION AND FACTORY COORDINATED INSTALL
 CHROME SLEEVES FOR FACTORY PROVIDED APPLIANCES DROPS - INCLUDED
 METAL BLOWOFF CAPS - INCLUDED
 GAS VALVE - INCLUDED - MECHANICAL SHUTOFF VALVE 2" (ANSUL) PART# ANSULMECHSHUTOFFVALVE200
 HOOD SUPPRESSION TANK - INCLUDED - 1.5 GAL - (1) 1.5 TANK(S)
 REMOTE PULL STATION - STANDARD - FIELD INSTALLATION AT SINGLE POINT OF EGRESS

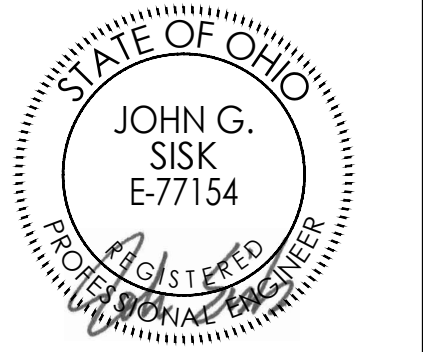


PROJECT: 200802 ACCUREX NORTH TX OK AR TIM@REASBARBERS.COM CHARGED: 2250
 SUBJECT: DICKEYS BBQ - MILFORD OH ANSUL R-102 MILFORD OH
 ACCUREX

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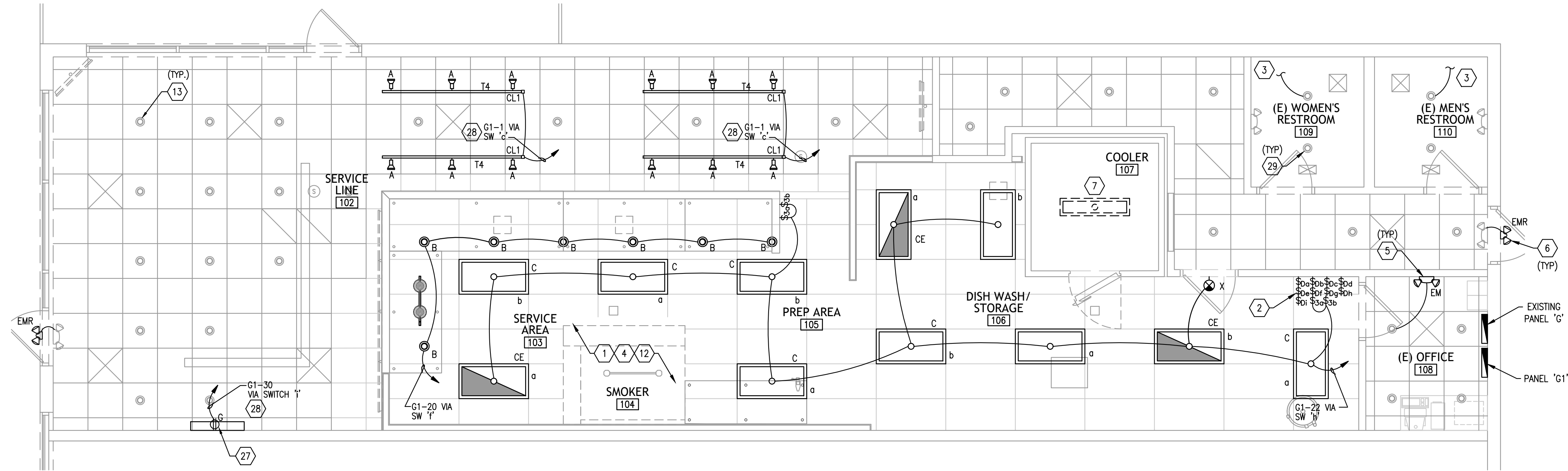
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HOOD DRAWINGS

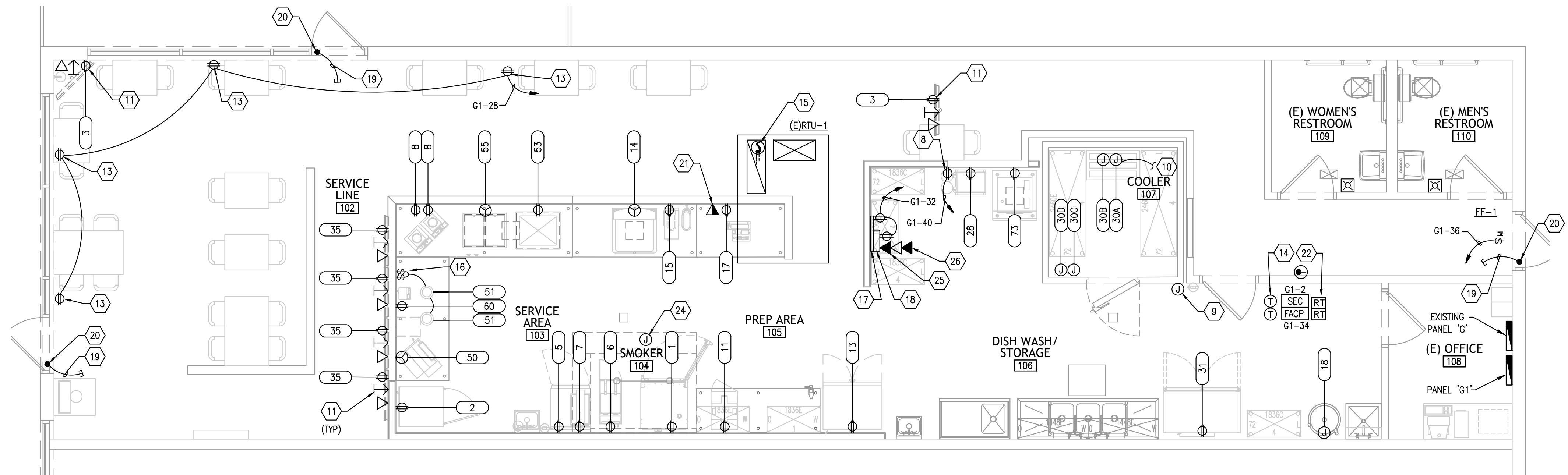
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054 PROJECT NUMBER:
DBQ21011

NOTES:
 1. THE INFORMATION PRESENTED HERE IS PROVIDED FOR REFERENCE ONLY AND WAS NOT PREPARED BY THE ENGINEER OF RECORD, AS SUCH, THE E.O.R. ASSUMES NO RESPONSIBILITY FOR ERRORS, OMISSIONS, OR CODE COMPLIANCE ISSUES IN THE EXHAUST HOOD MANUFACTURER'S DOCUMENTS.



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



POWER FLOOR PLAN 2
1/4"=1'-0"

GENERAL NOTES

- A. ALL WIRING SHALL BE IN CONDUIT, EMT OR RIGID FLEXIBLE CONDUIT MAY ONLY BE USED FOR FINAL CONNECTIONS FROM OUTLET BOXES TO LIGHT FIXTURES, MOTORS, APPLIANCES, ETC. MAXIMUM LENGTH 6 FEET. NO BX, ROMEX, ARMORED CABLE, ETC. ALLOWED.
- B. IT'S THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO BALANCE ALL CIRCUITS BETWEEN THE PHASES OF THE SYSTEM, REGARDLESS OF CIRCUITS INDICATED.
- C. IN PUBLIC AREAS BATTERY PACKS FOR EXIT AND EMERGENCY LIGHTS MUST BE REMOTE OR RECESSED. PAINT EXPOSED SURFACE TO MATCH ADJACENT FINISH.
- D. ALL PENETRATIONS IN FIRE RATED WALL ASSEMBLIES SHALL BE SEALED WITH UL LISTED FIRE STOPPING MATERIAL.
- E. SECURE ALL LIGHTS, CEILING, HVAC DUCT WORK, ETC. TO TOP CHORD OF JOISTS, TYPICAL.
- F. ALL CONDUIT ON THIS SHEET FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
- G. VERIFY AND FIELD COORDINATE ALL EQUIPMENT ROUGH-IN REQUIREMENTS.
- H. ALL EMPTY CONDUIT TO HAVE NYLON PULLSTRINGS INSTALLED.
- I. ROUTE ALL EXPOSED CONDUIT PARALLEL AND PERPENDICULAR TO TRUSSES BETWEEN BOTTOM OF TOP CHORD AND TOP OF BOTTOM CHORD AS REQUIRED. PAINT AS DIRECTED.
- J. CAT 5e CABLE (GRAY) FOR VOICE/DATA/POS CABLE PROVIDED BY I.T. VENDOR.
- K. ALL EMPTY CONDUITS FOR, DATA/VOICE, ETC. SHALL HAVE BUSHINGS AND PULL STRINGS.
- L. ALL POS PHONE/DATA SHALL BE ROUTED TO MANAGER'S DESK UNLESS NOTES OTHERWISE.

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SHEET TITLE:
LIGHTING AND POWER FLOOR PLAN

SHEET NUMBER:
E1.0

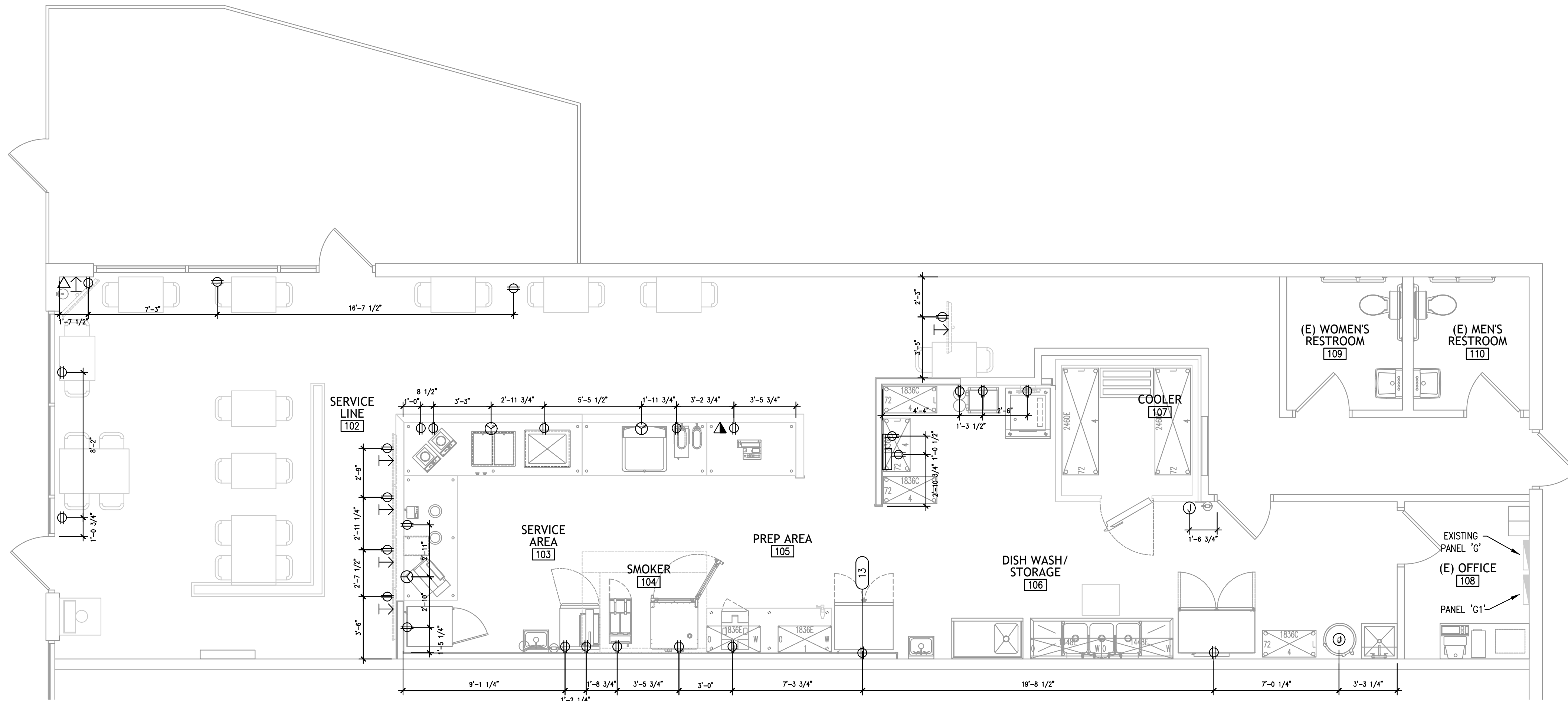
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LIGHTING KEYED NOTES

1. INTERLOCK HOOD LIGHT WITH HOOD ON/OFF SWITCH. CIRCUIT TO SHUT OFF THRU SHUNT CIRCUIT BREAKER IN PANEL 'LA'.
2. FIELD VERIFY LOCATION OF SWITCH BANK. LABEL ALL SWITCHES PER AREA SERVED.
3. PROVIDE ALL NECESSARY CONTACTORS, RELAYS, ETC. TO CIRCUIT THE EXHAUST FAN TO THE OCCUPANCY SENSOR FOR A COMPLETE OPERATIONAL SYSTEM.
4. HOOD LIGHTS FURNISHED & INSTALLED WITH HOOD.
5. CONNECT EXIT LIGHT, EMERGENCY FIXTURE, EXTERIOR EMERGENCY FIXTURE, EMERGENCY BATTERY PACK AND NIGHT LIGHT AHEAD OF ALL SWITCHING.
6. FIELD VERIFY THAT THE LANDLORD HAS PROVIDED AN EMERGENCY EGRESS LIGHT FIXTURE ON THE EXTERIOR DOOR. IF NONE SHOWN PROVIDE A LITHONIA #AFB-OEL-DOBTD-U-VOLT-N-WT-CW BELOW EXTERIOR DOOR AWNINGS.
7. COOLER LIGHTING SHALL BE PROVIDED BY COOLER MANUFACTURER.
8. RECEPTACLE FOR CO2 ALARM. COORDINATE LOCATION WITH CO2 PROVIDER AND OWNER. COORDINATE ALARM WITH OWNER.
9. PROVIDE 4" HEXAGON RECESSED JUNCTION BOX MOUNTED AT 48" AFF TO BOTTOM FOR HOOD SUPPRESSION SYSTEM MANUAL PULL STATION. PROVIDE WITH 3/4" CONDUIT TO A MINIMUM OF 12" ABOVE THE CEILING. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. VERIFY LOCATION WITH SUPPLIER AND FIRE MARSHAL.
10. PROVIDE ALL INTERCONNECTION WIRING BETWEEN COOLER EVAPORATOR AND COOLER REMOTE CONDENSING UNIT LOCATED ON ROOF PER MANUFACTURER'S INSTRUCTIONS.
11. MOUNT TELEVISION OUTLET AT 96" AFF. COORDINATE REQUIREMENTS WITH OWNER AND TELEVISION PROVIDER PRIOR TO ROUGH-IN. ROUTE COAXIAL CABLE BACK TO TELEPHONE BOARD. PROVIDE ADDITIONAL DATA DROP.
12. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL CONNECTIONS, WIRING AND CONDUITS NECESSARY FOR THE INTERLOCKING OF KITCHEN EXHAUST FANS AND MAKEUP AIR UNIT THROUGH THE KITCHEN CONTROL PANEL.
13. MOUNT "SHOW WINDOW" RECEPTACLES ON CEILING OR ON WALL ABOVE WINDOW. COORDINATE LOCATION WITH OWNER.
14. TWO (2) ROOF TOP UNIT THERMOSTAT LOCATION. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
15. CONTRACTOR SHALL FIELD VERIFY CONDITION OF EXISTING RTU MOUNTED SMOKE DETECTOR. REPLACE IF FOUND TO BE FAULTY OR SHOW SIGNS OF WEAR.
16. MOUNT SWITCHES FOR HEAT LAMPS HORIZONTALLY AND ABOVE COUNTER. COORDINATE LOCATION WITH OWNER. ONE SWITCH PER LAMP.
17. TELEPHONE TERMINAL BOARD LOCATION. CONTRACTOR TO TERMINATE ALL CAT-5 CABLE AT PHONE BOARD.
18. DMARK PATCH PANEL LOCATION. POS HUB E.C. TO TERMINATE ALL CAT-5 CABLES FOR POS EQUIPMENT.
19. PROVIDE 1/2" CONDUIT ONLY FOR SECURITY SYSTEM WIRES. STUB INTO ACCESSIBLE CEILING SPACE FOR ROUTING TO SECURITY PANEL.
20. PROVIDE STUB CONDUIT DOWN TO TOP OF DOOR JAMB AS DIRECTED BY SECURITY SYSTEM CONTRACTOR FOR CONNECTION TO SECURITY SENSOR CONTACTS.
21. 1" CONDUIT WITH PULL STRING FOR POS DATA CABLES. STUB INTO WALL AND EXTEND TO TELEPHONE BOARD. COORDINATE ROUTING PRIOR TO CONSTRUCTION.
22. PROVIDE RESET/TEST/ALARM SWITCH AT MANAGER'S DESK FOR EACH RTU SMOKE DETECTOR. COORDINATE LOCATION OF SWITCH WITH OWNER. COORDINATE EXACT LOCATION WITH OWNER.
23. EXISTING DINING LIGHTING TO BE REMOVED AND REINSTALLED IN NEW CEILING. CONNECT TO PANEL "G1" CIRCUIT BREAKER POSITION 13. REUSE EXISTING WIRE AND CONDUIT IF POSSIBLE.
24. JUNCTION BOX FOR HOOD CONTROLS. COORDINATE REQUIREMENTS WITH HOOD MANUFACTURER AND INSTALLER PRIOR TO ROUGH-IN.
25. PROVIDE AND INSTALL CAT-5 CABLE IN DEDICATED 3/4" CONDUIT FROM POS DATA OUTLET LOCATION TO DMARK AT TELEPHONE BOARD.
26. PROVIDE AND INSTALL CAT-5 CABLE IN DEDICATED 3/4" CONDUIT TO TELEPHONE BACKBOARD.
27. COORDINATE MOUNTING HEIGHT OF RECEPTACLE FOR "D" SIGN LIGHTING WITH OWNER AND LIGHTING PROVIDER. CIRCUIT VIA DIMMER SWITCH LOCATED IN THE KITCHEN.
28. CIRCUIT LIGHTING TO BRANCH CIRCUIT SHOWN VIA NEW DIMMER SWITCHES LOCATED IN FRONT OF HOUSE.
29. EXISTING RESTROOM LIGHTINGS AND CONTROLS TO REMAIN. CONNECT LIGHTS TO PANEL "G1" CIRCUIT BREAKER POSITION 23. REUSE EXISTING WIRE AND CONDUIT IF POSSIBLE.

FIRE ALARM GENERAL NOTE

1. AN APPROVED MANUAL FIRE ALARM SYSTEM MONITORED BY A LISTED CENTRAL STATION, REMOTE STATION OR PROPRIETARY STATION SHALL BE PROVIDED, DESIGNED PER NFPA STD. 72. PRIOR TO INSTALLATION A LICENSED CONTRACTOR SHALL SUBMIT TO THE FIRE DEPARTMENT, ONE (1) SET OF MANUFACTURER'S CUT SHEETS AND STATE FIRE MARSHAL LISTING SHEETS FOR EACH DEVICE, THREE (3) SETS OF SHOP DRAWINGS, A COMPLETED PERMIT APPLICATION, AND APPLICABLE FEES FOR REVIEW. ELECTRICAL CONTRACTOR SHALL INSTALL CONDUIT ONLY AND OUTLET BOXES. WIRING AND DEVICES SHALL BE BY OWNERS FIRE ALARM SYSTEM CONTRACTOR. FIRE ALARM SYSTEM CONTRACTOR SHALL SUBMIT FINAL FIRE ALARM SYSTEM SHOP DRAWINGS TO LOCAL FIRE DEPARTMENT PLAN CHECK FOR APPROVAL PRIOR TO INSTALLATION.
- PROVIDE DOCUMENTATION TO FIRE INSPECTOR VERIFYING SERVICE CONTRACTS OF FIRE ALARM SYSTEM.



GENERAL ROUGH-IN NOTES	
1.	ALL ELECTRICAL OUTLETS SHOWN ON THIS PLAN ARE FOR FIXTURES AND EQUIPMENT SPECIFIED AS FURNISHED OWNER UNLESS OTHERWISE NOTED. FOR ADDITIONAL OUTLETS, SEE THE POWER PLAN.
2.	ALL DIMENSIONS GIVEN ARE FROM COLUMN CENTERLINE AND/OR FINISHED WALLS.
3.	ELECTRICIAN TO BRANCH TO CONNECTION WHERE REQUIRED TO CONNECT ALL ELECTRICAL EQUIPMENT AND FIXTURES AND DO ANY INTERNAL WIRING REQUIRED IN THE FIXTURES INCLUDING INTER-WIRING TO APPLIANCES AS REQUIRED BY THE SPECIFICATIONS AND/OR DRAWINGS.
4.	CONTRACTOR TO PROVIDE AND INSTALL GALVANIZED JUNCTION BOXES IN FIXTURE CUTOUTS AS REQUIRED BY THE ITEM SPECIFICATION AND INCLUDE APPROPRIATE ELECTRICAL RECEPTACLE, WITH S/S FACEPLATE.
5.	ELECTRICIAN TO CONNECT ALL ELECTRICAL EQUIPMENT AND FIXTURES AND DO ANY INTERNAL WIRING REQUIRED IN THE FIXTURES AS REQUIRED BY THE SPECIFICATIONS. ALL ELECTRICAL OUTLET COVER PLATES ARE TO BE STAINLESS STEEL AND ARE TO BE FURNISHED BY THE ELECTRICIAN, AS WELL AS THE RECEPTACLE, UNLESS OTHERWISE SPECIFIED IN THE ITEM SPECIFICATIONS. ALL DISCONNECT SWITCHES ARE TO BE FURNISHED AND INSTALLED BY THE ELECTRICIAN AT TIME OF INSTALLATION.
6.	ALL OUTLETS WITHIN KITCHEN AREA AND PREP AREA SHALL BE GFI PER NEC.
7.	ELECTRICAL CONTRACTOR TO PROVIDE CONTROL WIRING AND ELECTRICAL SERVICE FOR REMOTE REFRIGERATION SYSTEMS FOR WALK-IN BOXES, AND INSTALL ALL LIGHTS IN WALK-IN COOLER AS REQUIRED THRU DOOR SWITCH.

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02/16/22

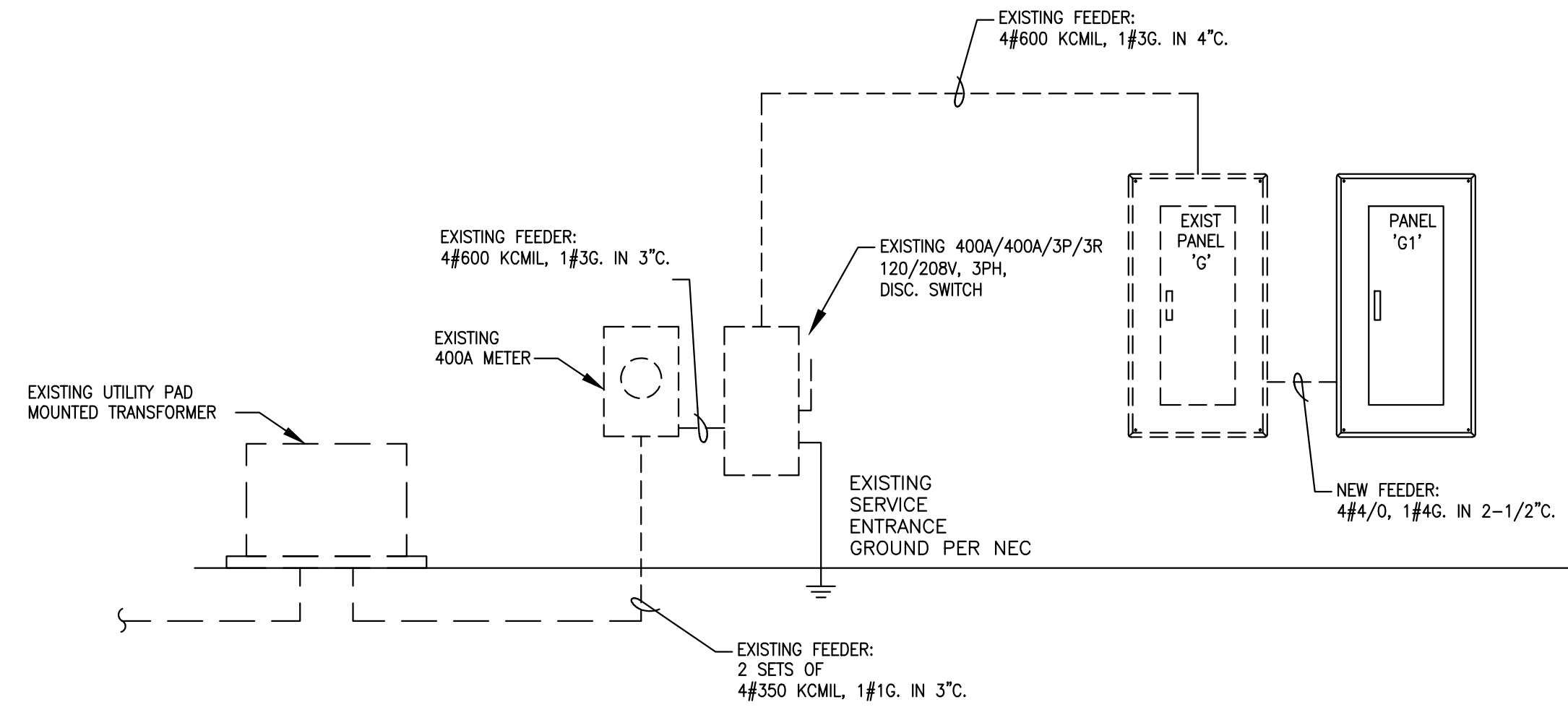
DICKEY'S - MILFORD
 1090 STATE ROUTE 28
 MILFORD, OH 45150
 CLIENT: LEWIS RESTAURANT GROUP, LLC
 126 SUNSET PLACE
 GODDEN, OH 45122



OH-2107	
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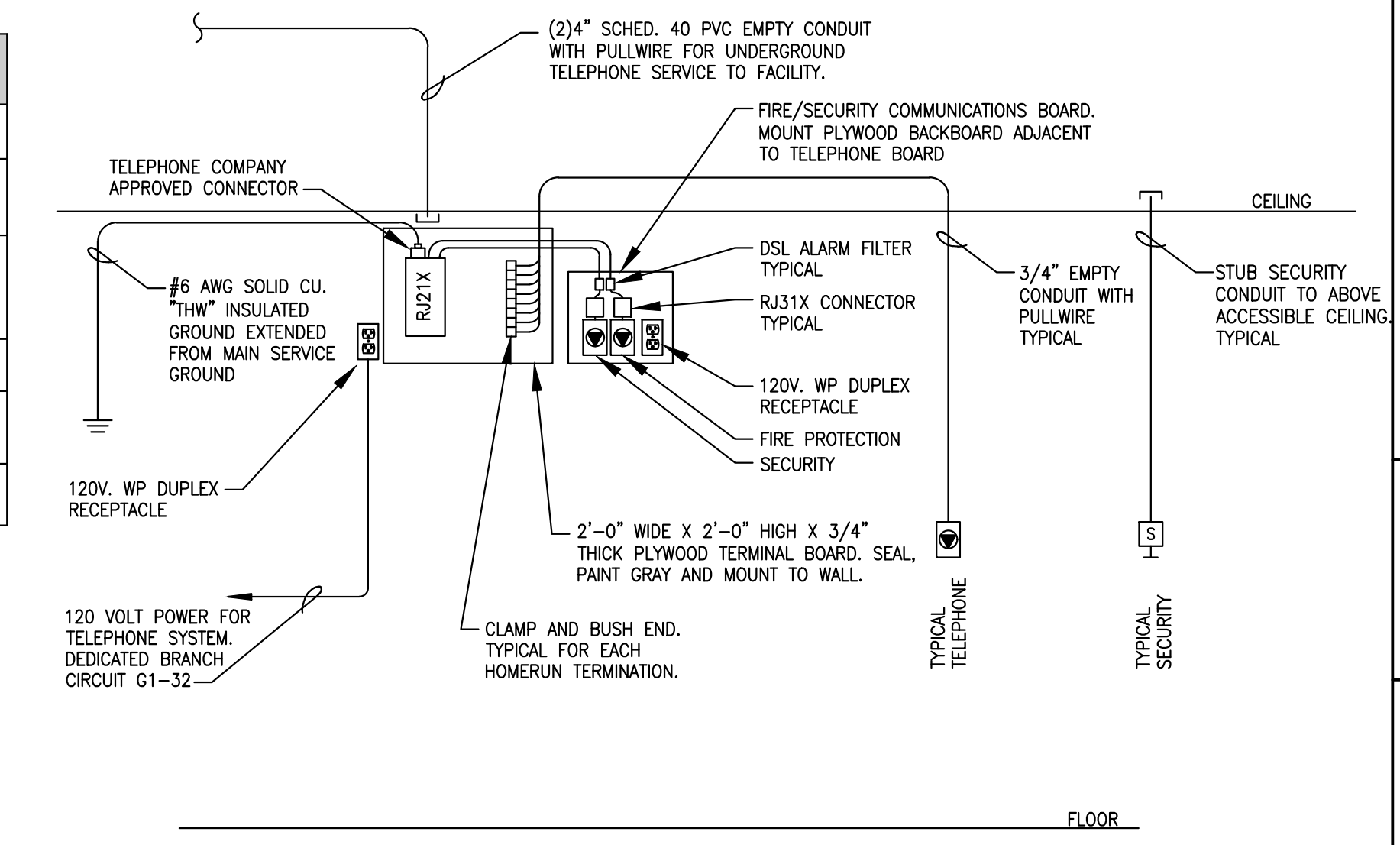
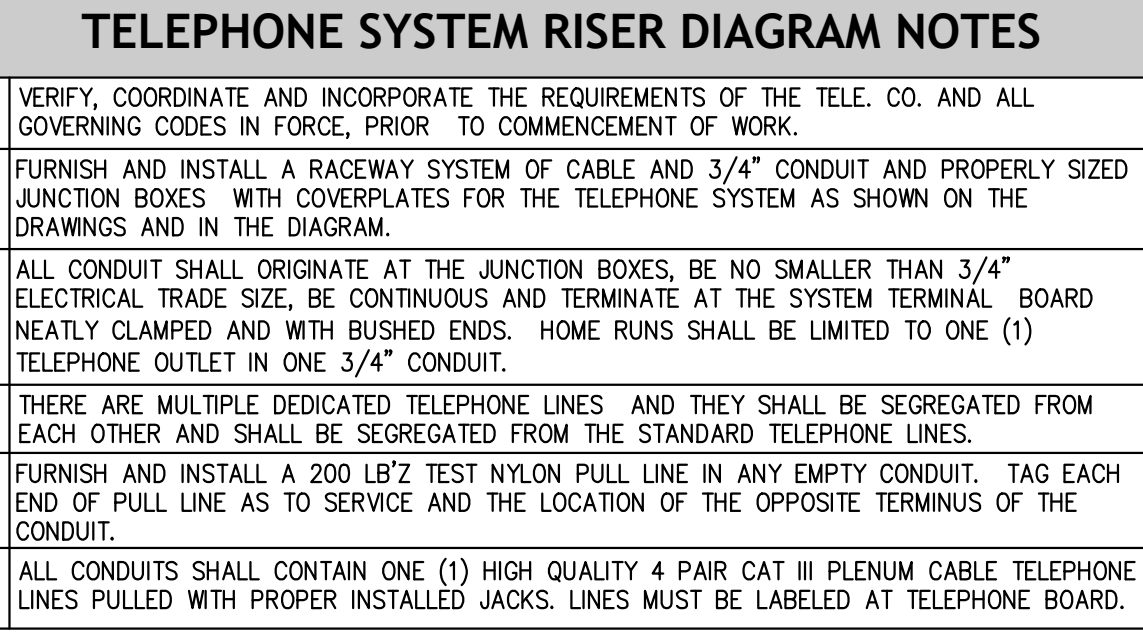
SHEET TITLE:
POWER ROUGH-IN FLOOR PLAN

SHEET NUMBER:
E2.0



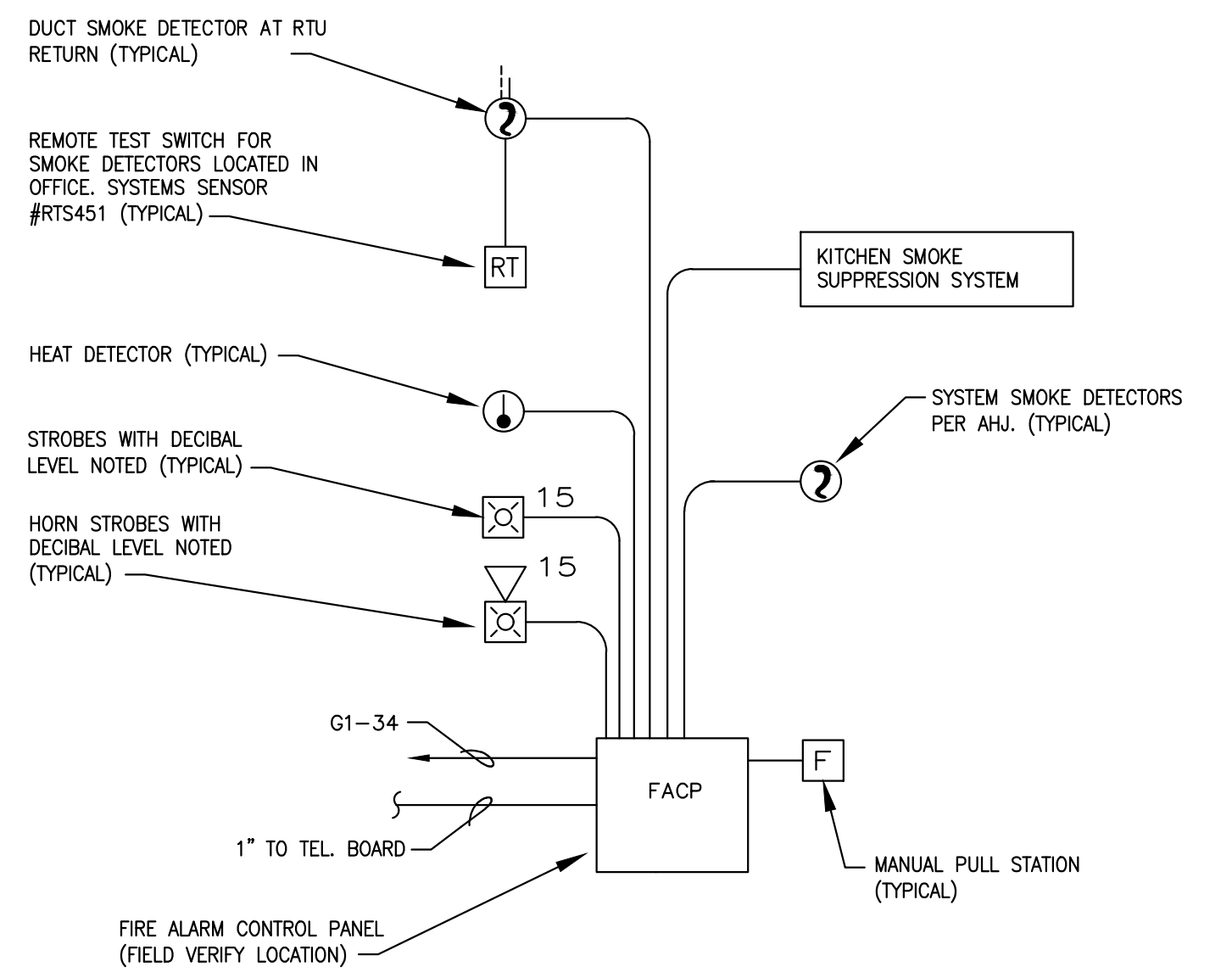
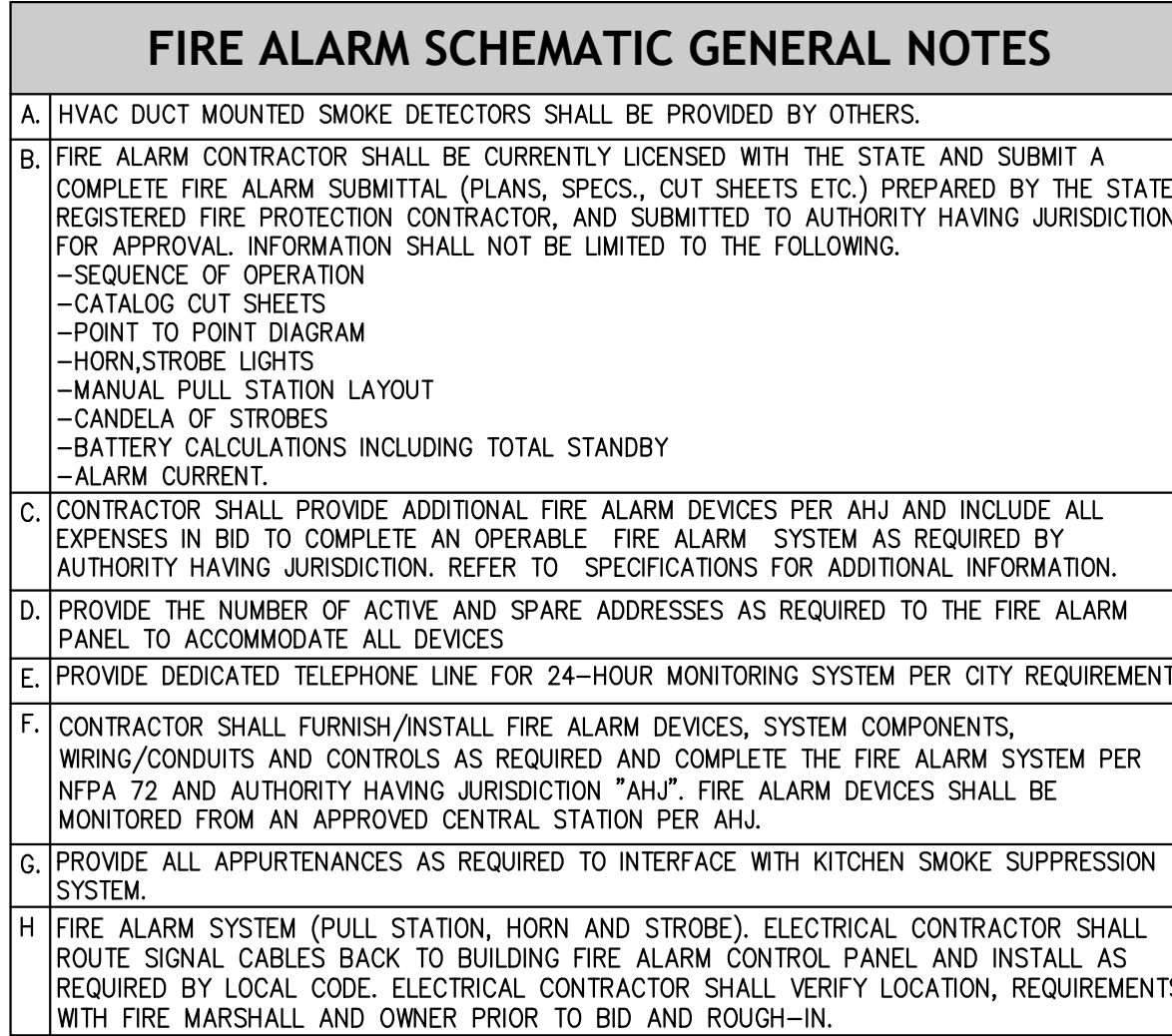
ELECTRICAL RISER DIAGRAM
SCALE: NONE

1



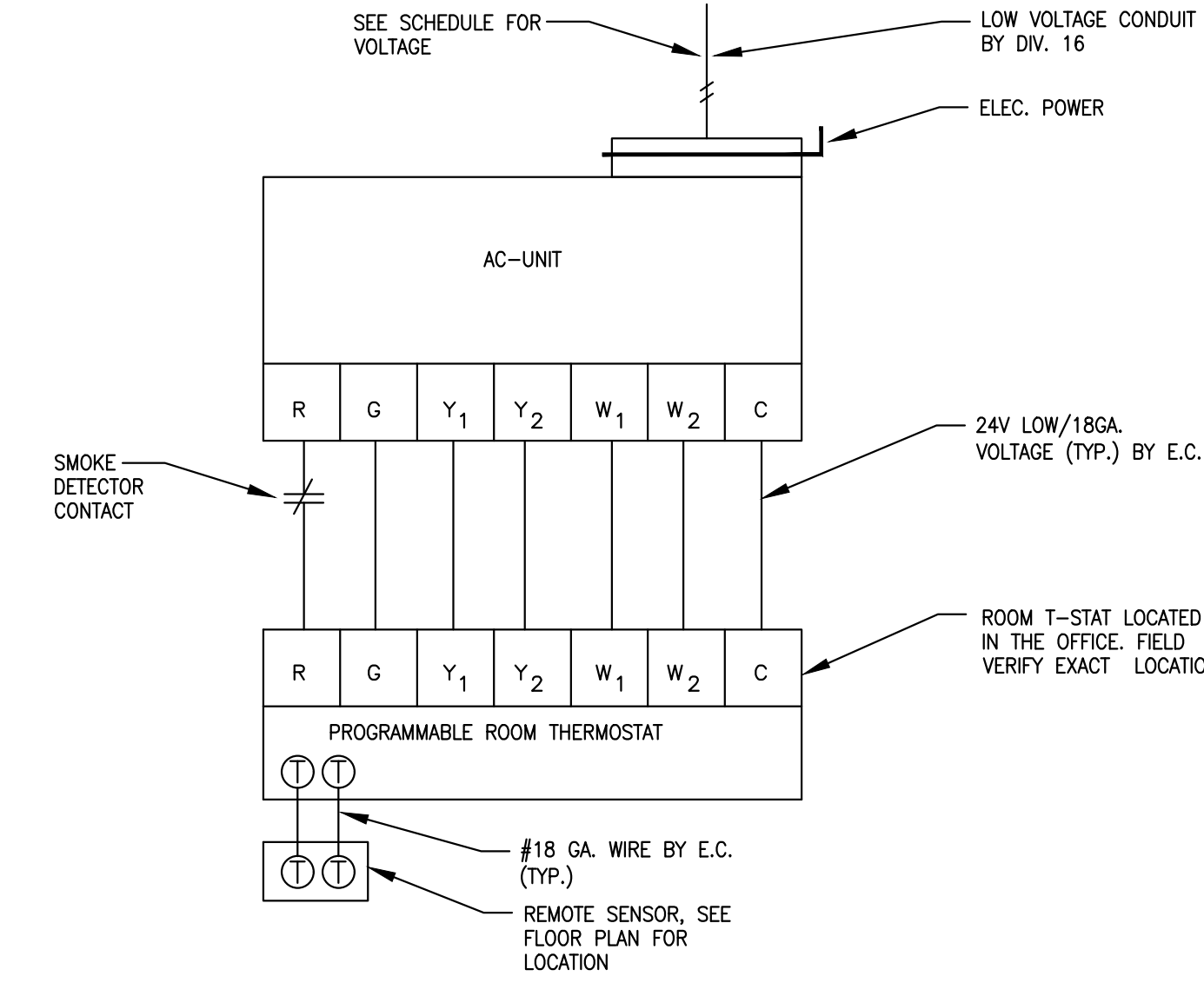
TELEPHONE SYSTEM RISER DIAGRAM
SCALE: NONE

2



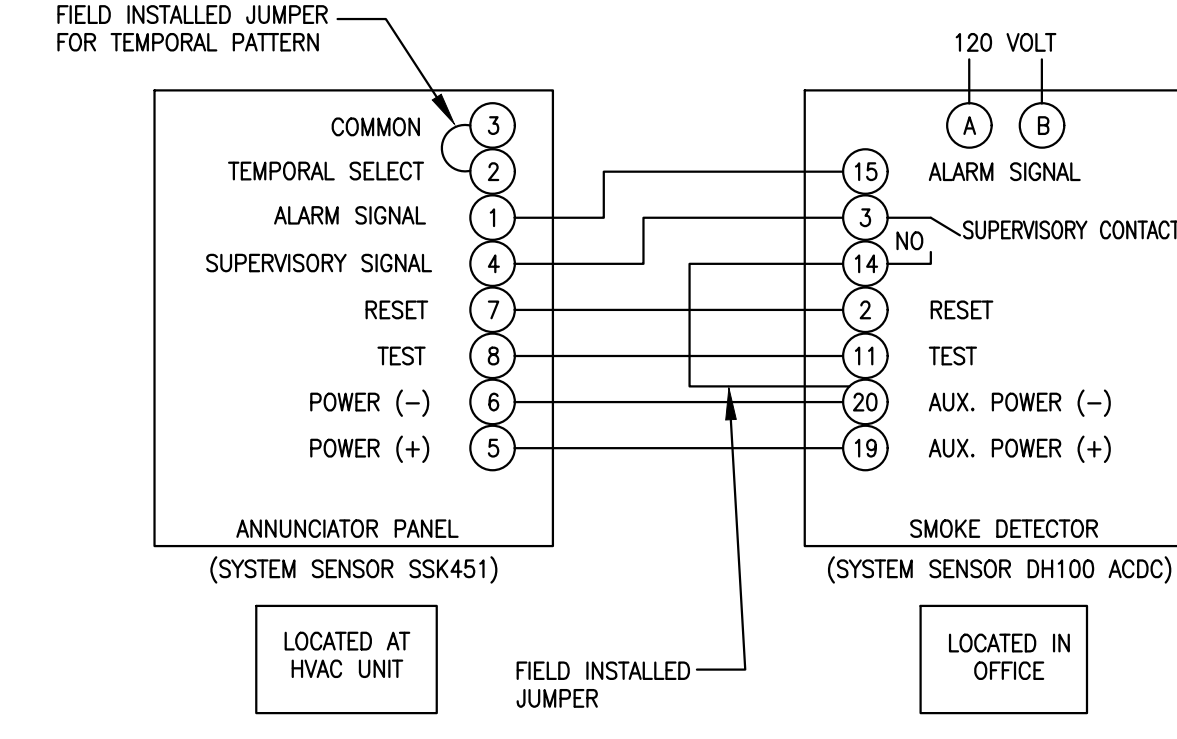
FIRE ALARM RISER DIAGRAM AND ELEVATION
SCALE: NONE

3



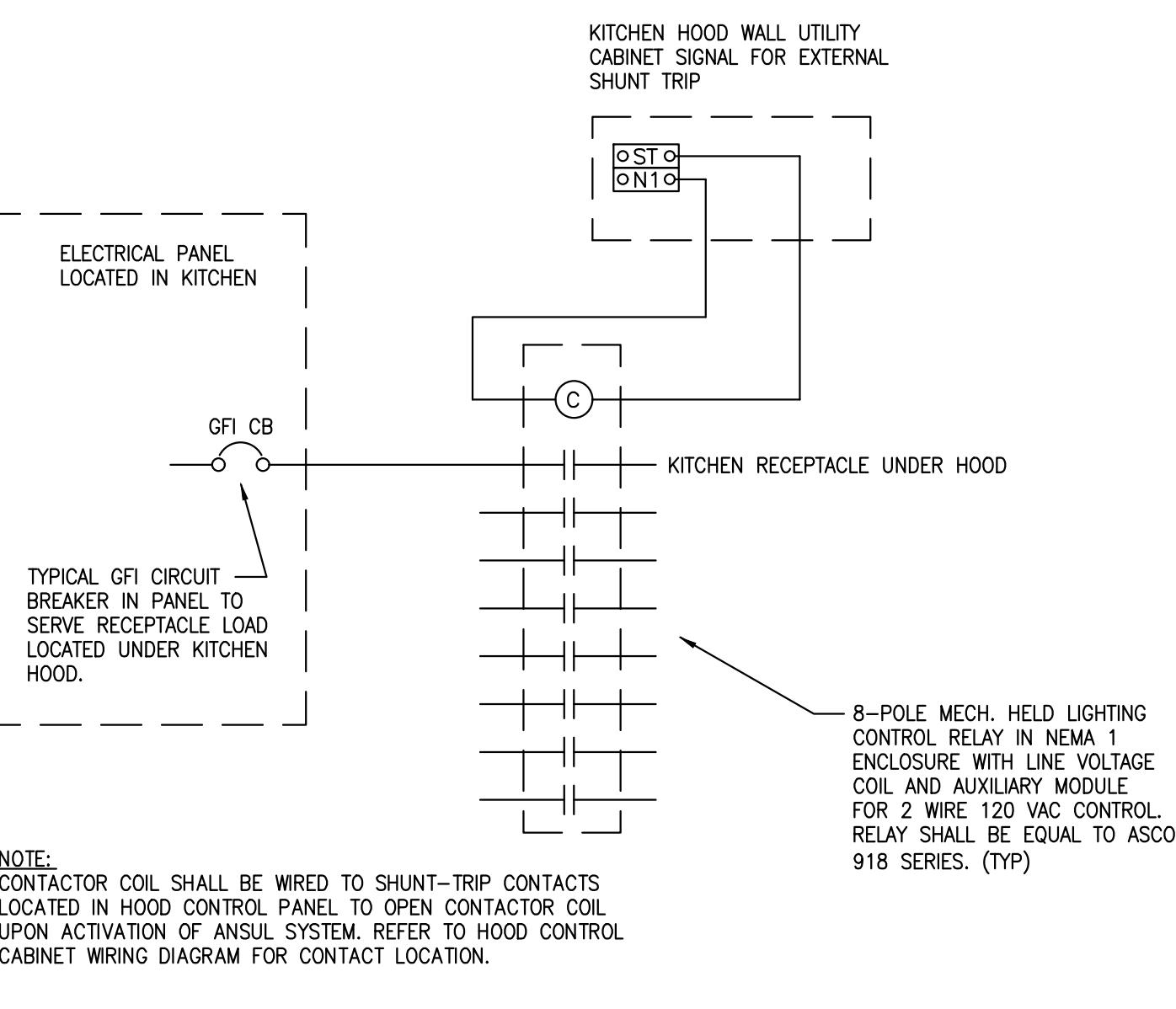
THERMOSTAT WIRING DIAGRAM
SCALE: NONE

4



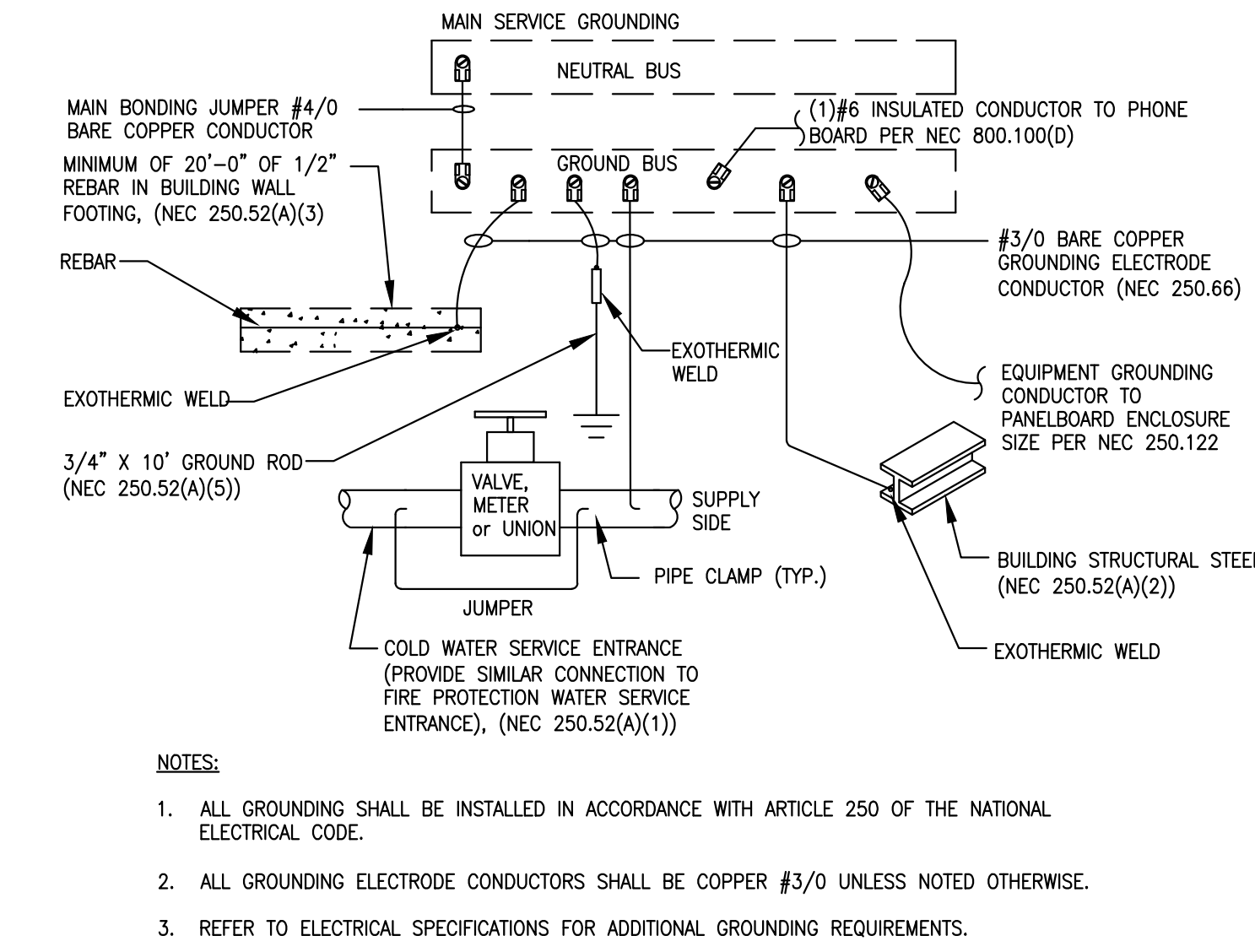
SMOKE DETECTOR WIRING DIAGRAM
SCALE: NONE

5



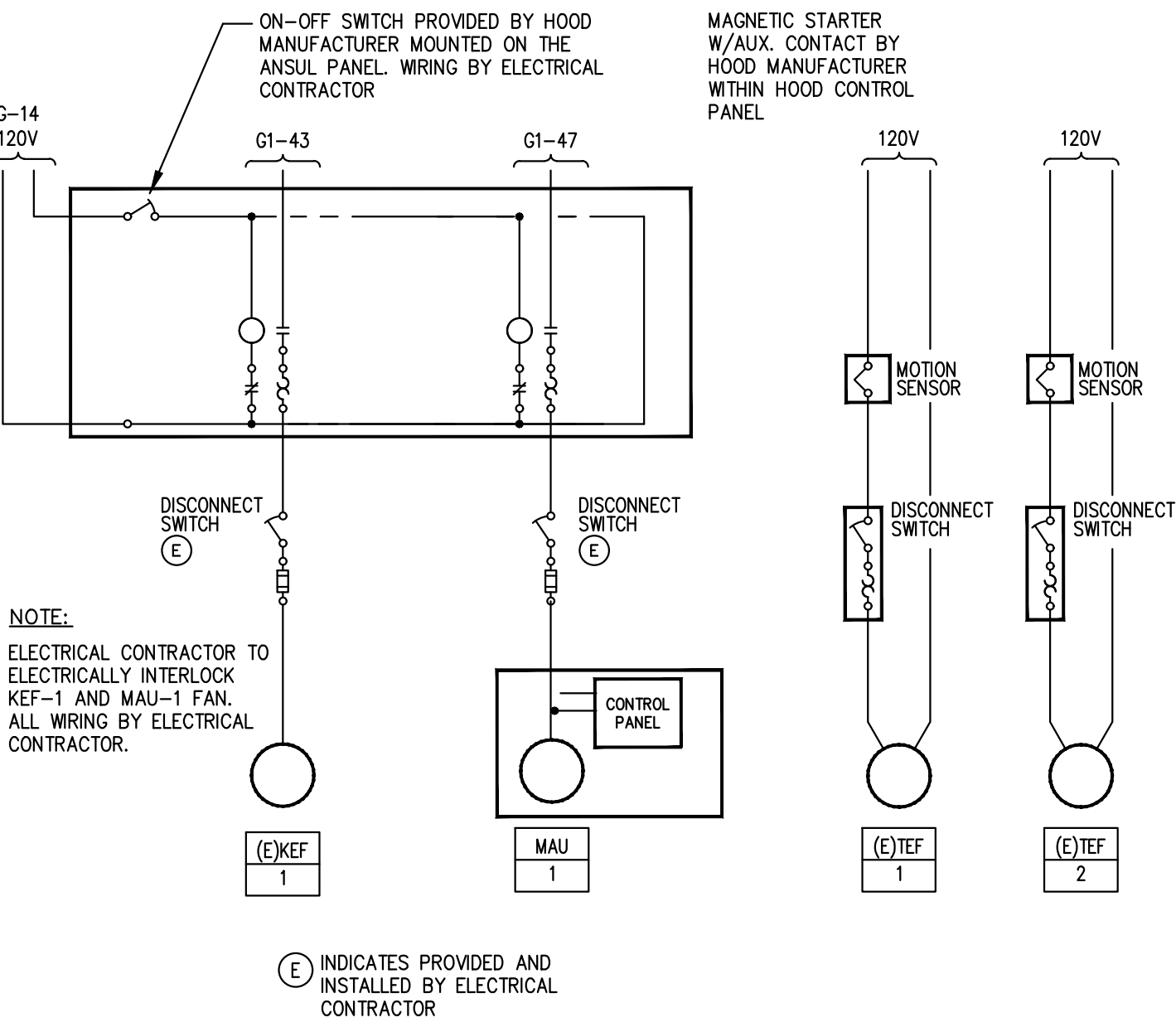
SHUNT-TRIP CONTACTOR CONTROL
SCALE: NONE

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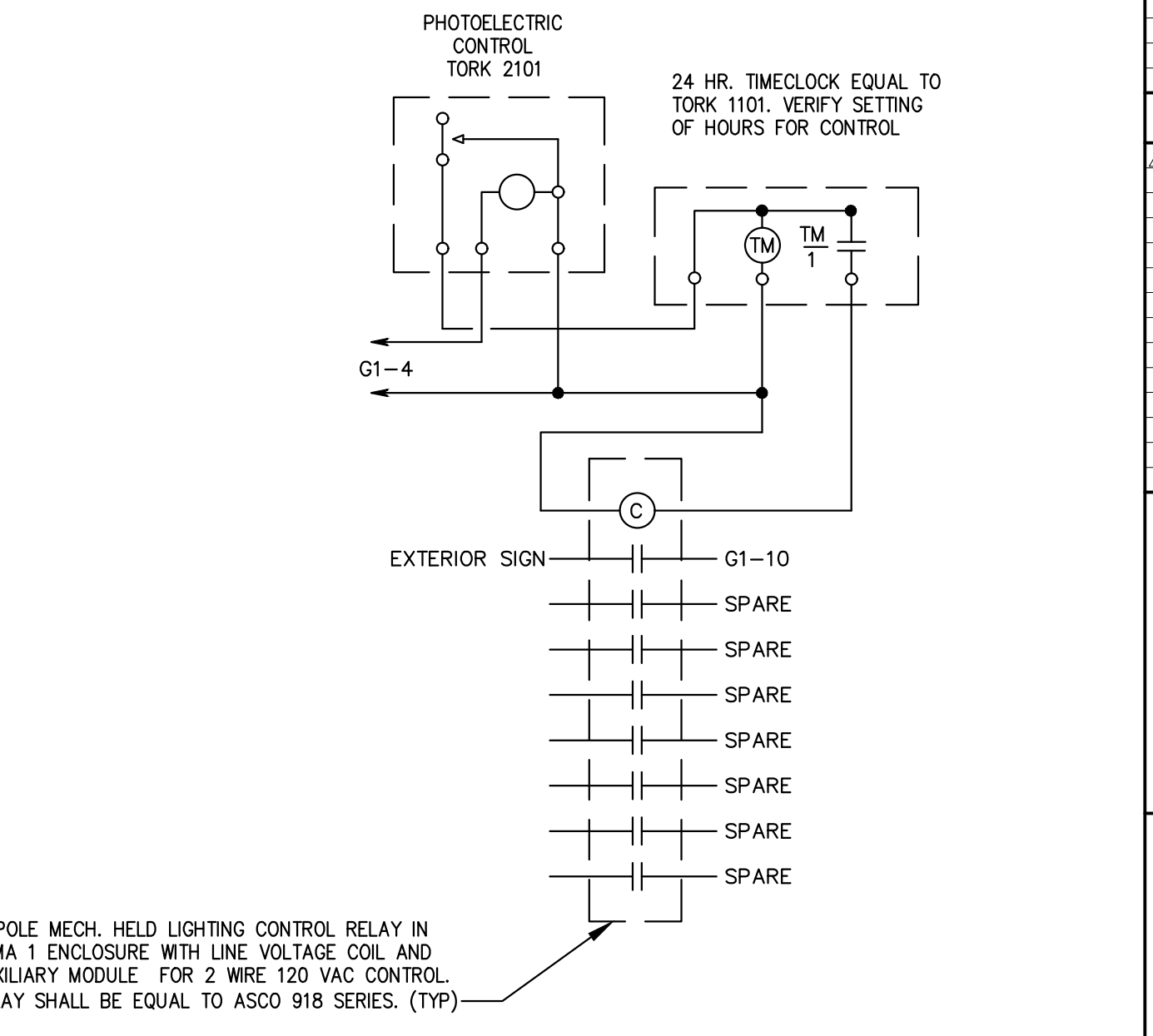
EXISTING GROUNDING OF MAIN SERVICE ENTRANCE
SCALE: NONE

7



EXHAUST & MAKE-UP AIR INTERLOCK WIRING DIAGRAM
SCALE: NONE

8



EXTERIOR LIGHTING CONTROL DIAGRAM
SCALE: NONE

9

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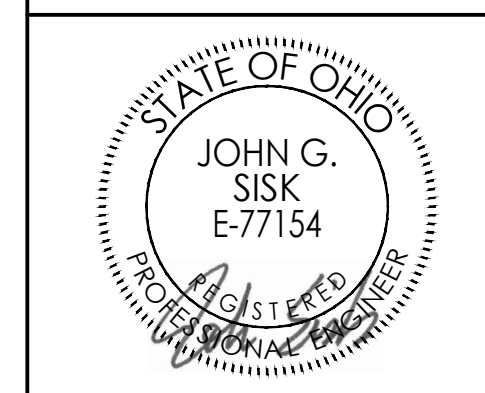
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DATE	DESCRIPTION
01/28/22	DICKEY'S REVIEW ISSUE
02/16/22	PERMIT-BID

SHEET TITLE:
ELECTRICAL DETAILS

SHEET NUMBER:
E4.0

054 PROJECT NUMBER:
DBQ21011



02/16/22

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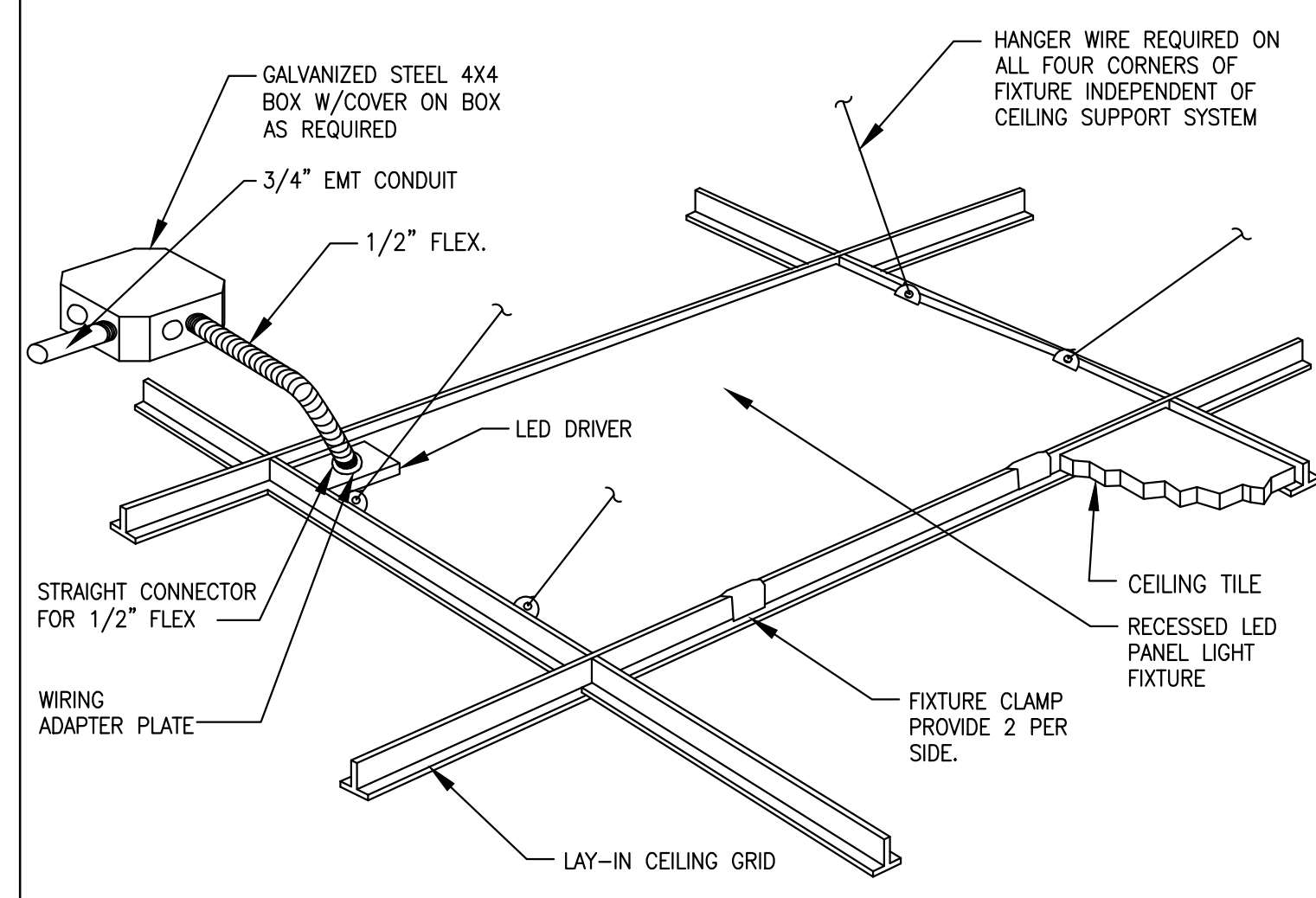
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ELECTRICAL DETAILS

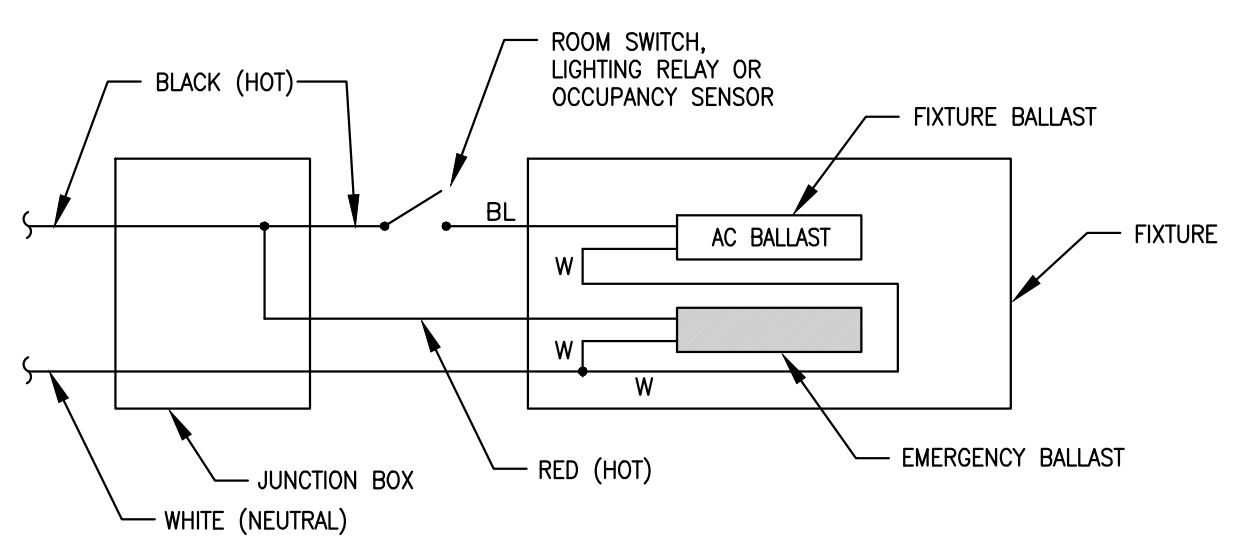
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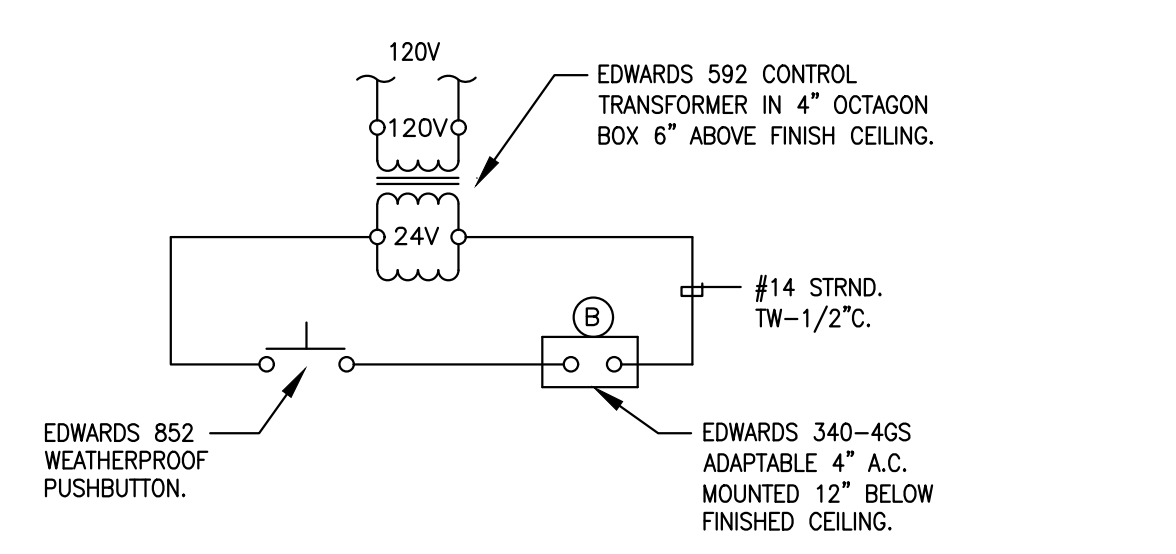
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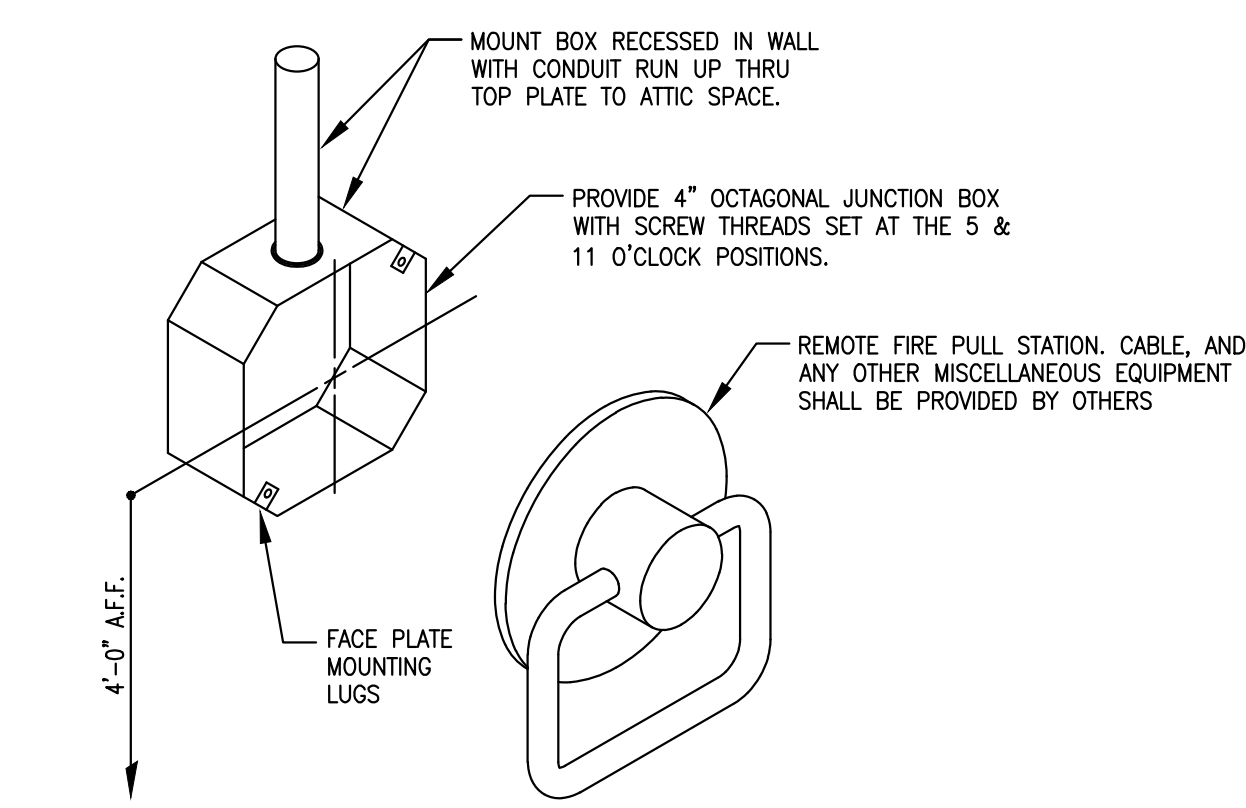
TYPICAL LAY-IN LED PANEL FIXTURE MOUNTING DETAIL
 SCALE: NONE **5**



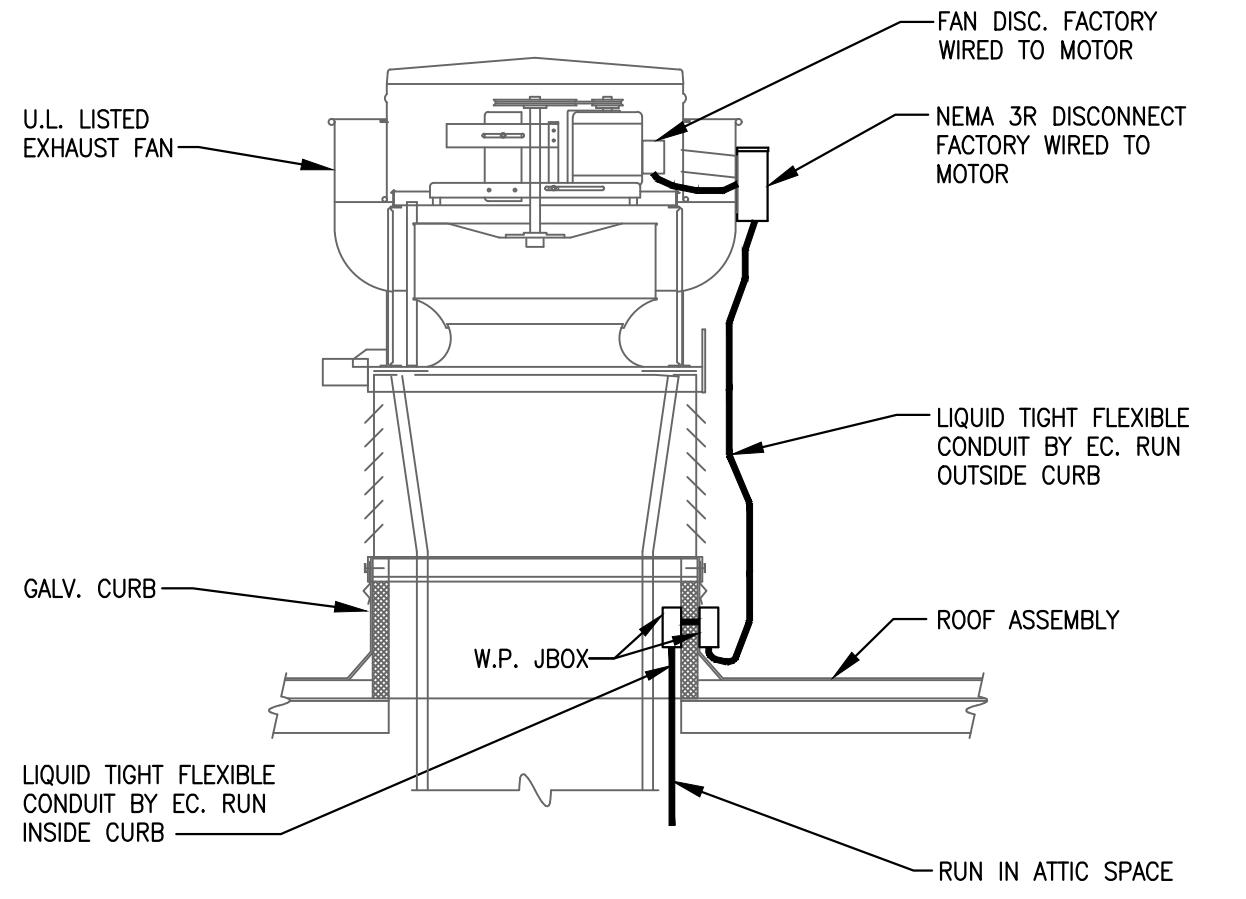
EMERGENCY LIGHTING WIRING DIAGRAM
 SCALE: NONE **3**



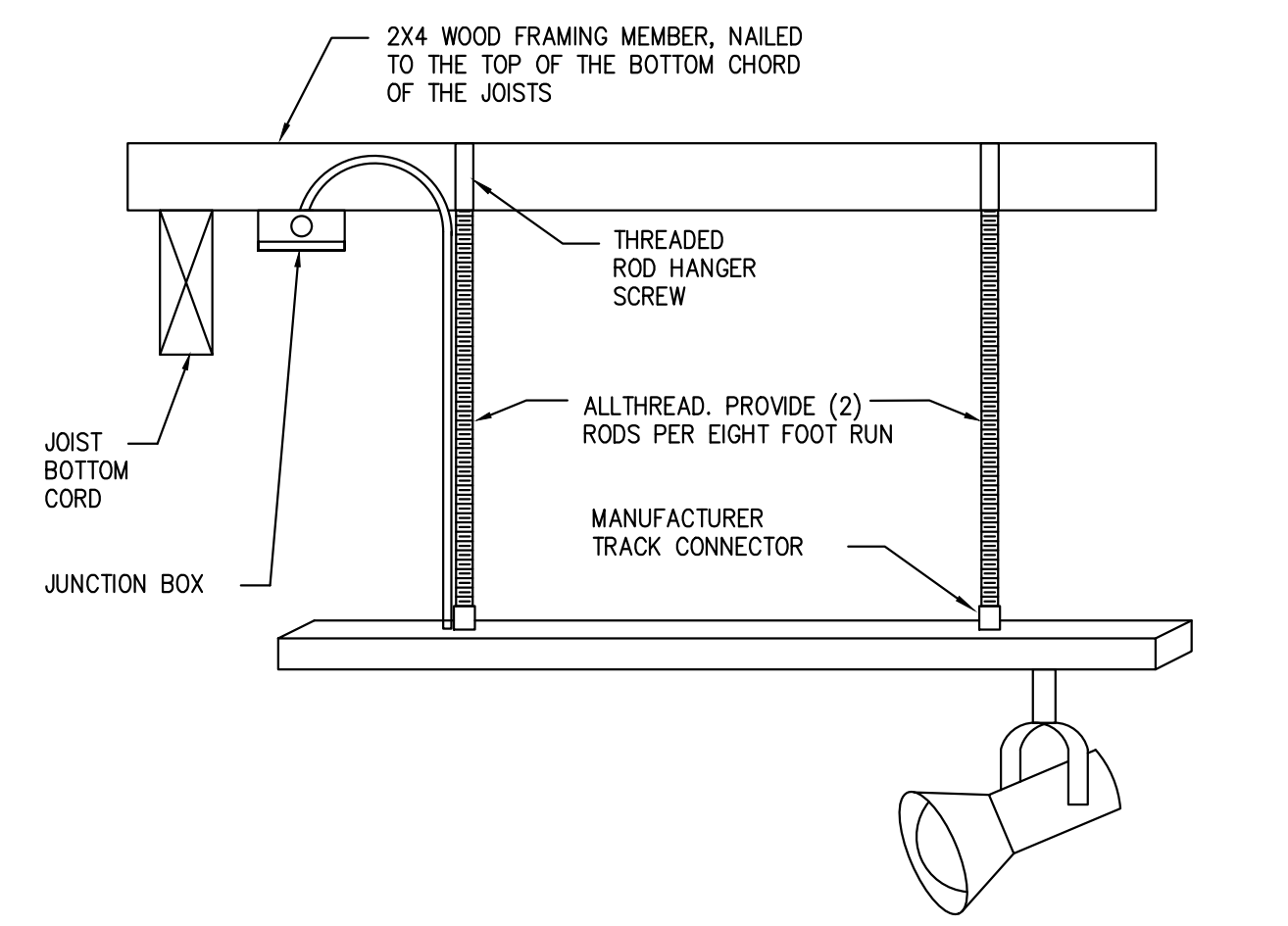
DOOR BELL WIRING DIAGRAM
 SCALE: NONE **2**



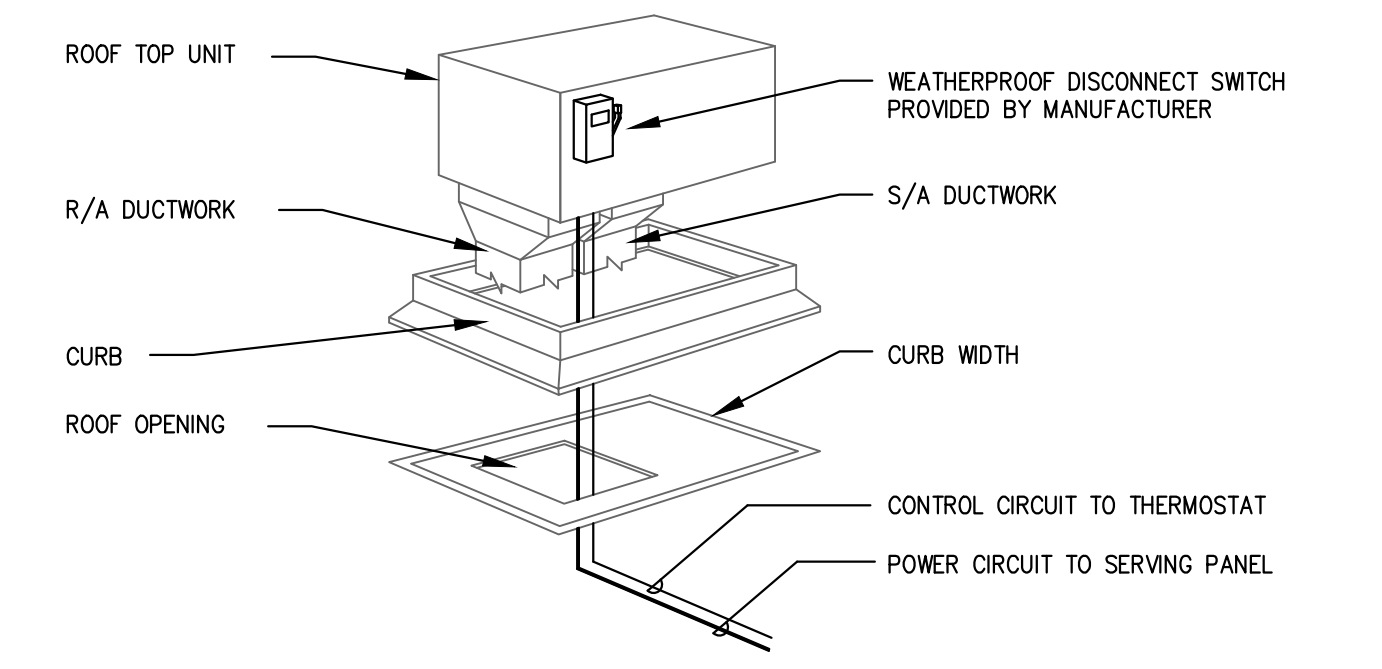
ANSUL PULL STATION DETAIL
 SCALE: NONE **1**



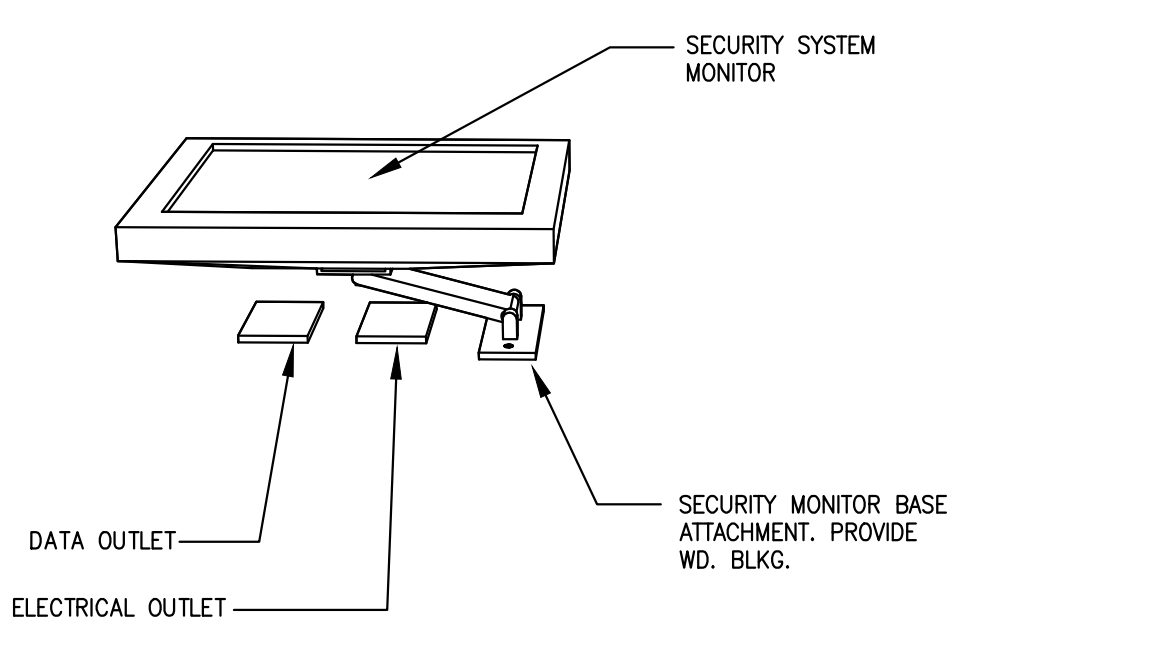
EXHAUST FAN ELECTRICAL CONNECTION DETAIL
 SCALE: NONE **5**



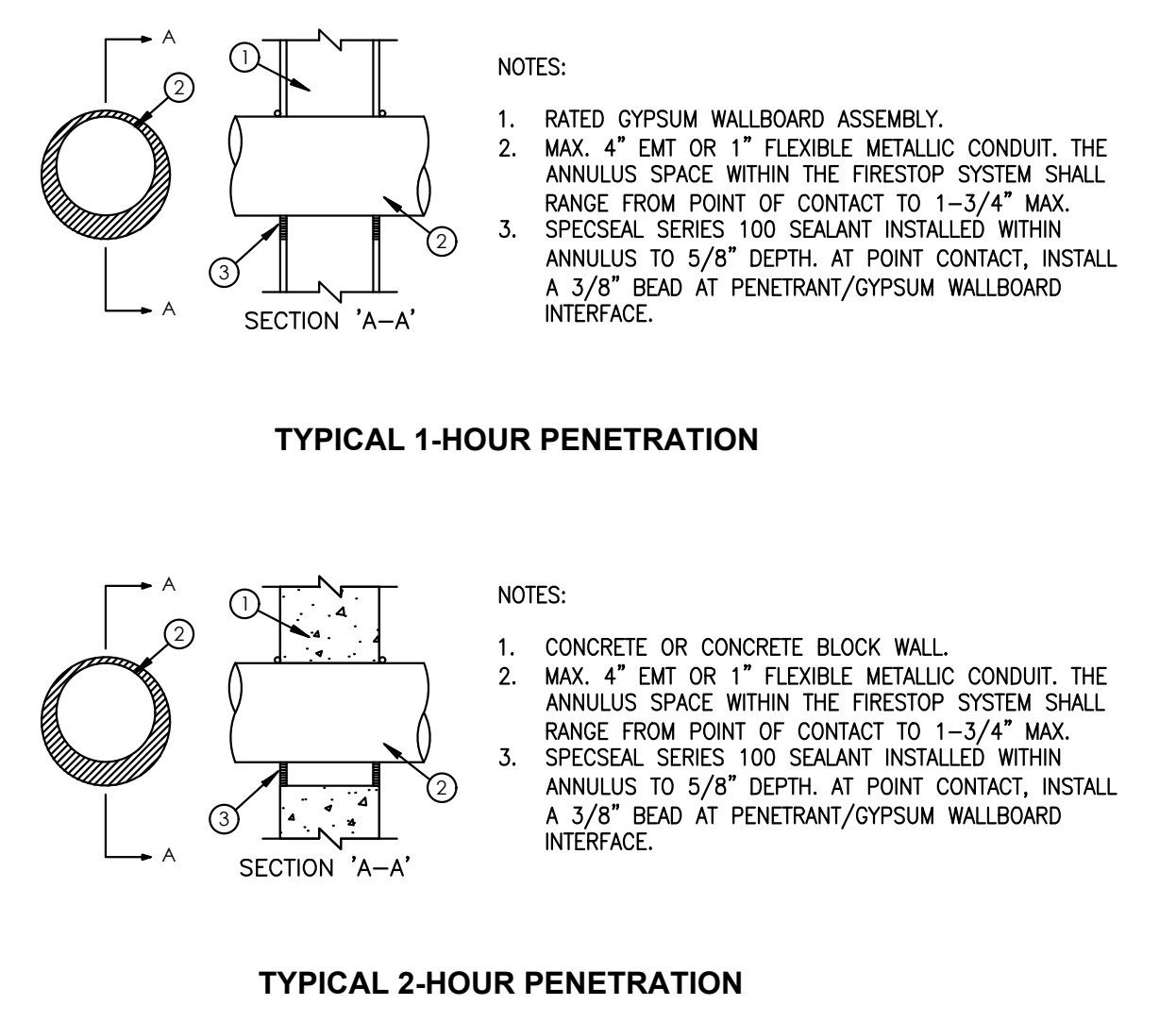
TRACK LIGHTING MOUNTING DETAIL
 SCALE: NONE **6**



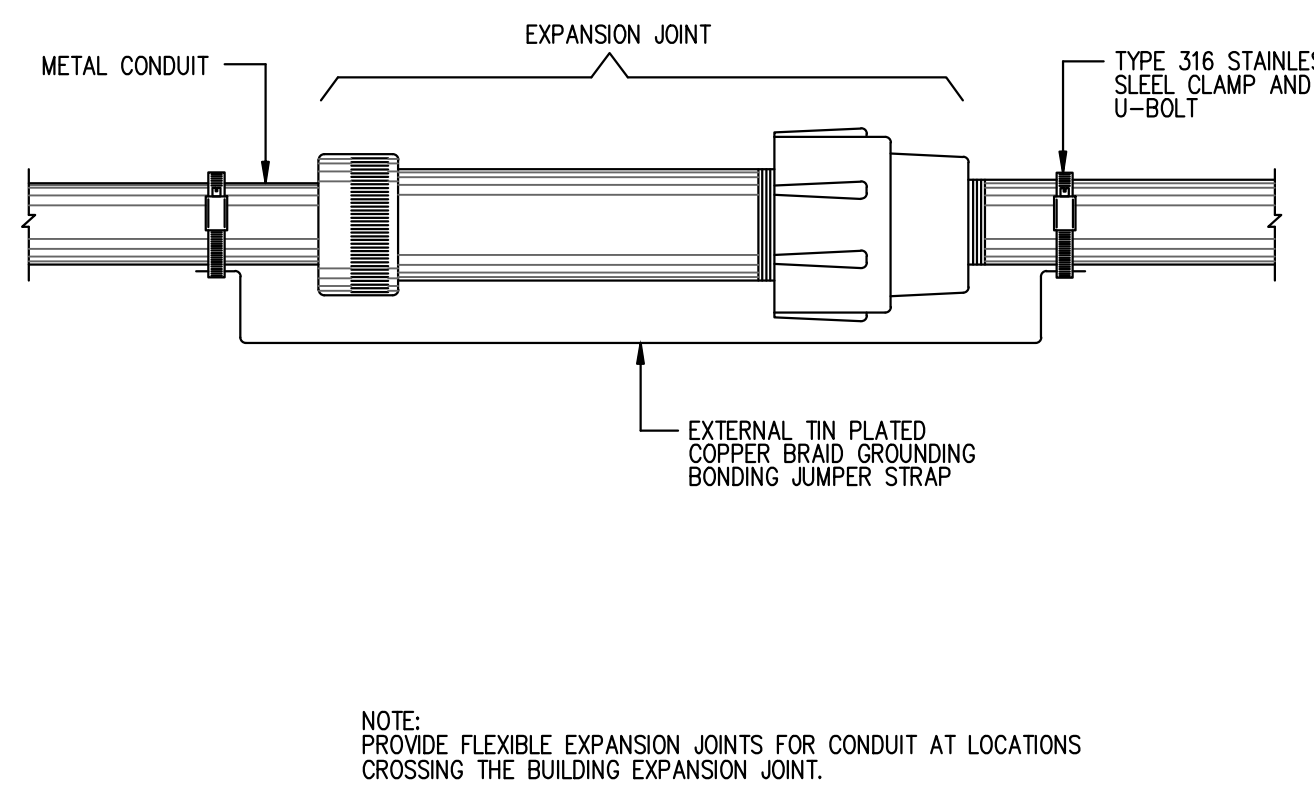
ROOF TOP UNIT WIRING DIAGRAM
 SCALE: NONE **7**



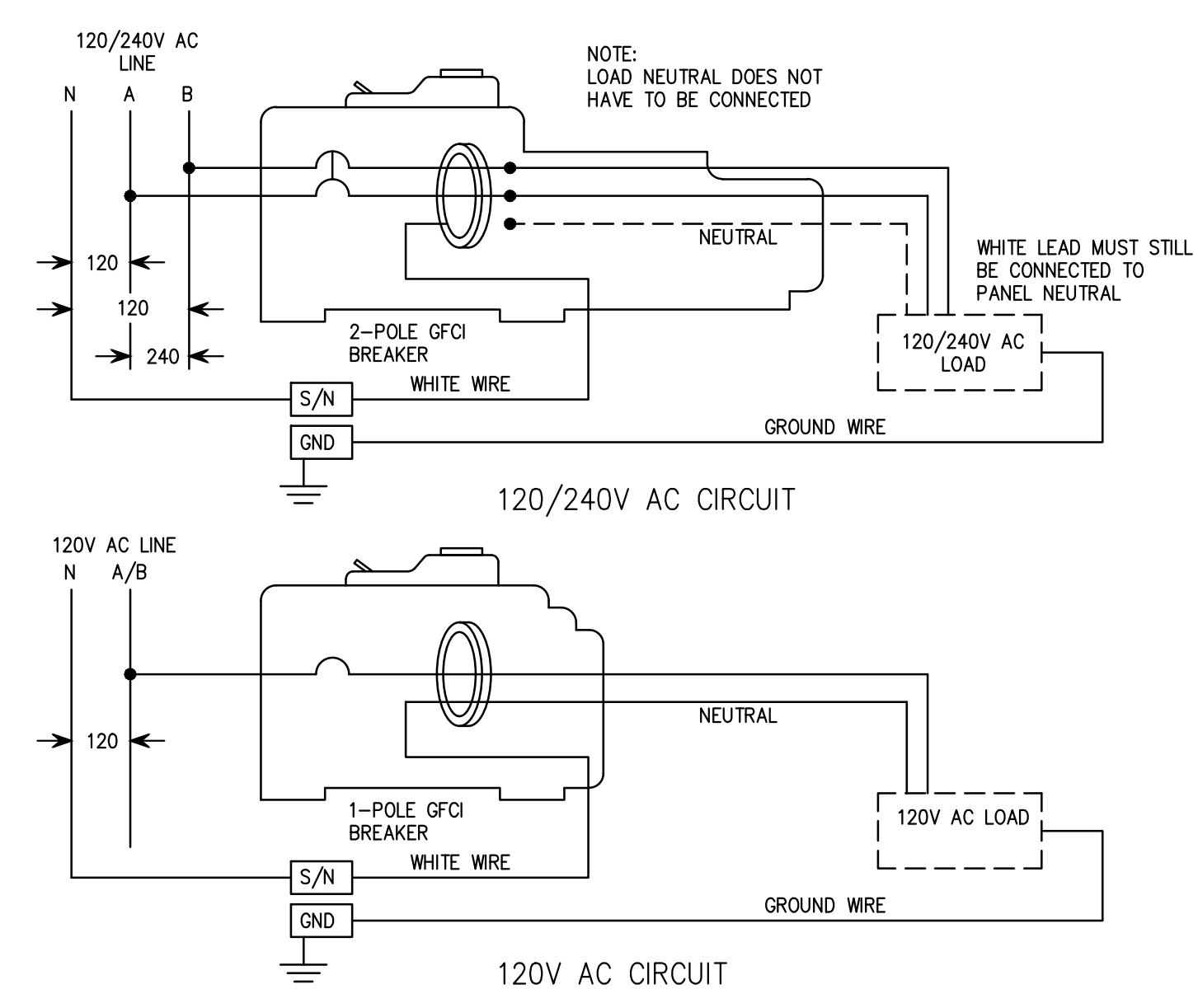
POWER-DATA SECURITY MONITOR
 SCALE: NONE **8**



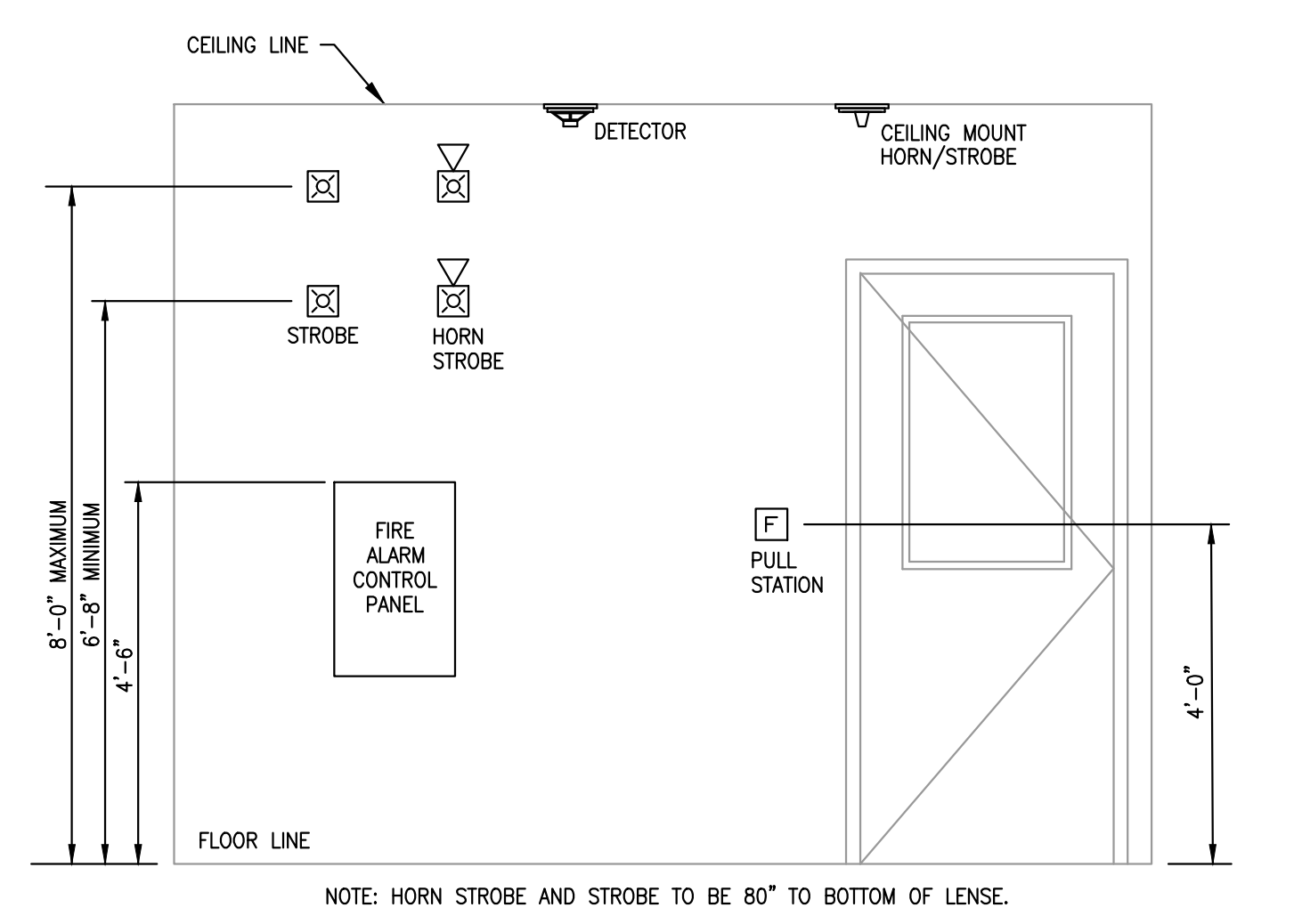
FIRE RATED WALL PENETRATION DETAIL
 SCALE: NONE **9**



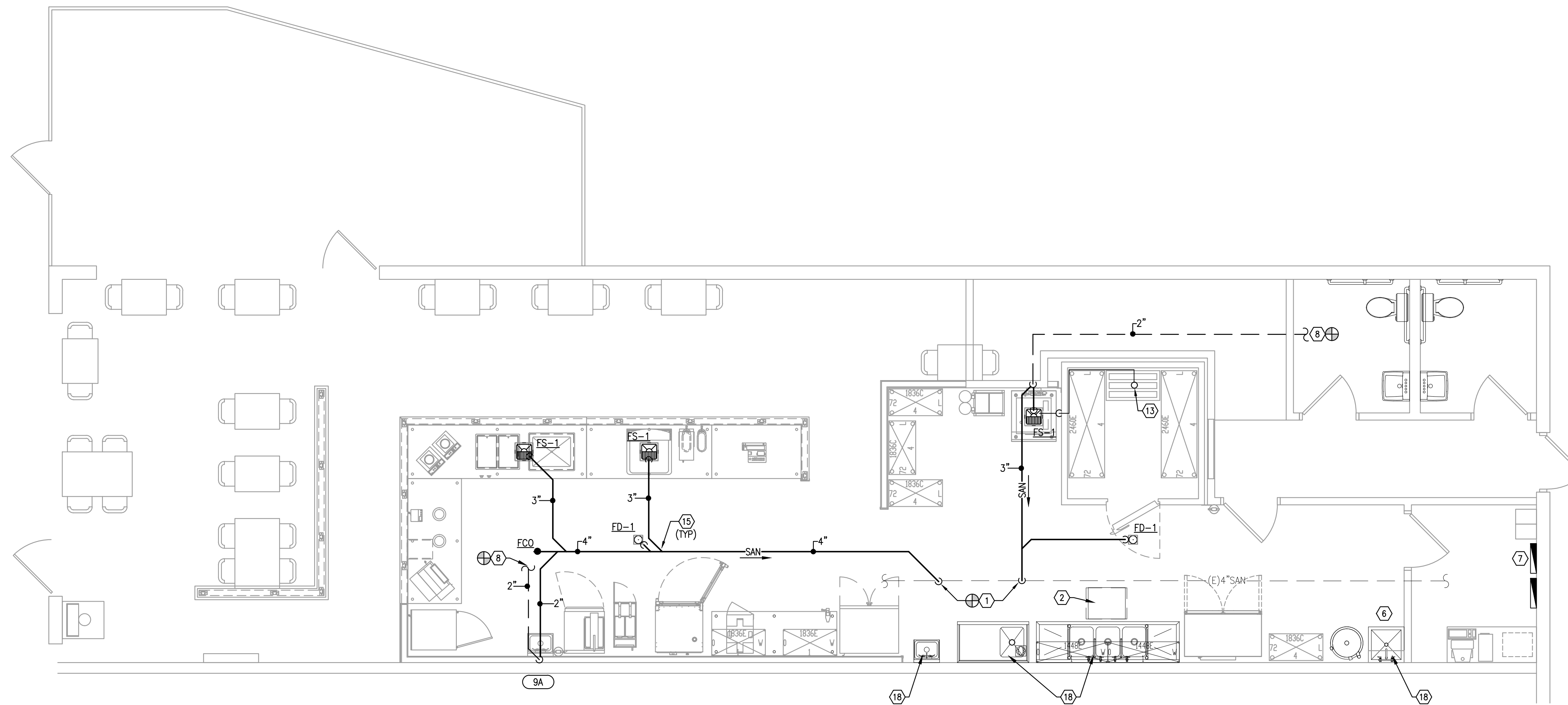
EXPANSION JOINT DETAIL
 SCALE: NONE **10**



120V-1 POLE AND 208V-2-POLE GFCI BREAKER WIRING DIAGRAM
 SCALE: NONE **11**

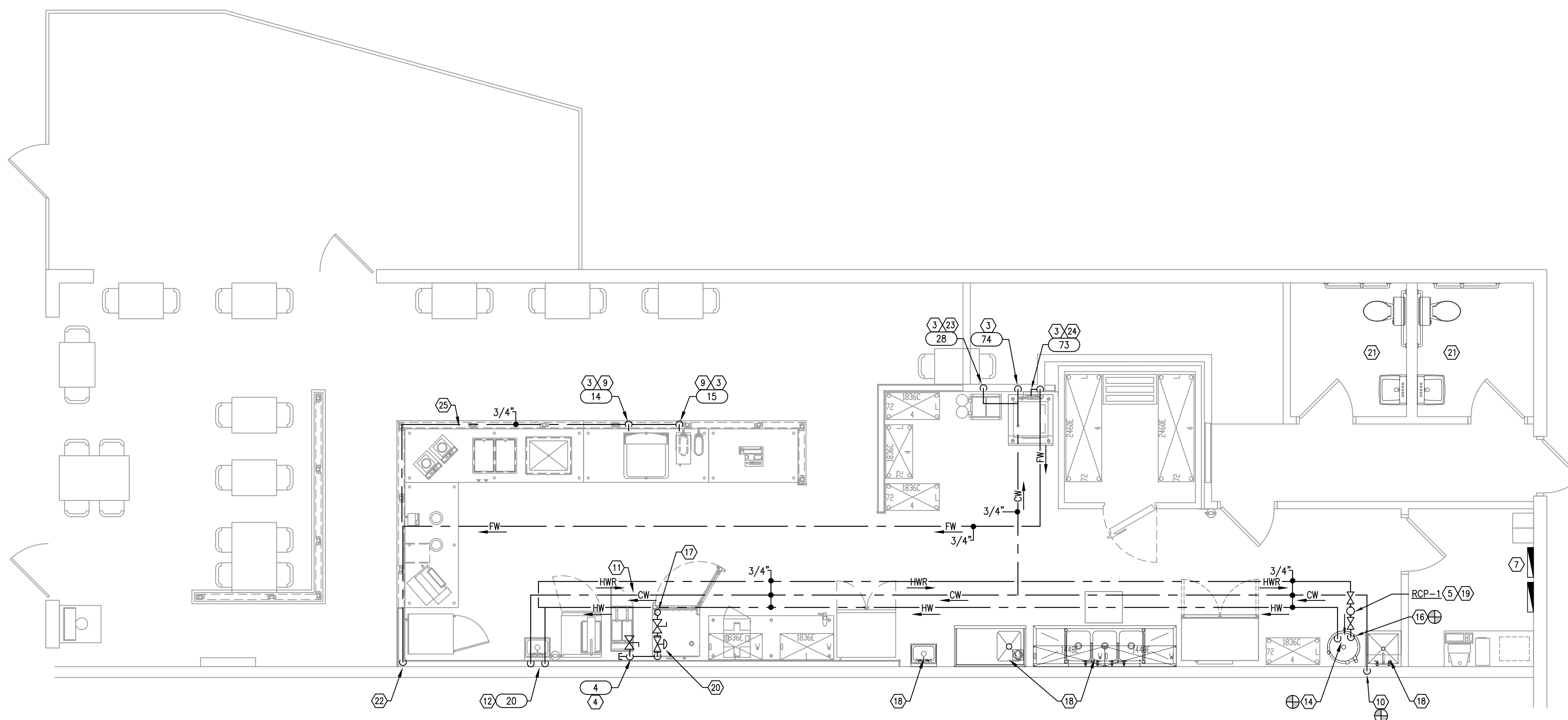


FIRE ALARM MOUNTING HEIGHT DETAIL
 SCALE: NONE **12**



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

1



WATER & GAS FLOOR PLAN
1/4"=1'-0"

2

GENERAL NOTES

- A. KEY NOTES WITH ELLIPTICAL SYMBOL AND NUMBER CORRESPOND TO KITCHEN EQUIPMENT SHOWN IN KITCHEN PLAN SHEETS.
- B. ALL EXPOSED PIPING IN PUBLIC AREAS SHALL BE INSTALLED AS TIGHT AS POSSIBLE TO THE WARM SIDE OF THE EXPOSED STRUCTURE.
- C. THE INSTALLATION OF THE PLUMBING SYSTEMS SHALL BE COORDINATED WITH ALL ELECTRICAL AND MECHANICAL EQUIPMENT, AND STRUCTURAL SLAB AND FRAMING.
- D. REFER TO PLUMBING SHEET P2.0 FOR PLUMBING FIXTURE AND EQUIPMENT SCHEDULES INCLUDING SPECIFICATIONS AND ROUGH-IN SIZES.
- E. REFER TO THE KITCHEN DRAWINGS PREPARED BY THE KITCHEN EQUIPMENT SUPPLIER FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.
- F. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE KITCHEN EQUIPMENT SUPPLIER FOR THE COMPLETE INSTALLATION AND SERVICE CONNECTIONS OF ALL KITCHEN EQUIPMENT.
- G. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL LINES TO KITCHEN EQUIPMENT. REFER TO THE KITCHEN DRAWINGS FOR PROPOSED SIZES AND ROUTING. ALL WATER & DRAIN LINES UNDER EQUIPMENT/ MILLWORK SHALL BE INSTALLED SECURELY.
- H. REFER TO ARCHITECTURAL AND MILLWORK DRAWINGS FOR DETAILS OF COUNTERTOPS, CASEWORK, AND OTHER FIXTURES, SHOWING EXACT LOCATION OF OPENINGS FOR PLUMBING ITEMS BEING INSTALLED. COORDINATE THE COMPLETE INSTALLATION WITH THE GENERAL CONTRACTOR.
- I. PLUMBING CONTRACTOR TO FLUSH AND SANITIZE ALL WATER LINES PRIOR TO THE INSTALLATION OF THE FILTRATION SYSTEM.
- J. ALL WALL PIPING STUB-OUTS SHALL BE SECURELY TIED TO THE STRUCTURE WITH SUFFICIENT BACKING TO ELIMINATE MOVEMENT. FINAL CONNECTIONS TO KITCHEN SINKS SHALL BE HARD PIPED.
- K. ALL EXISTING SANITARY WASTE LINES SHALL BE INSPECTED AND CLEARED OF ANY DEBRIS AND CAMERA SCOPED TO VERIFY THEY ARE IN GOOD WORKING CONDITION FOR INTENDED REUSE. NOTIFY THE OWNER'S REPRESENTATIVE IF ANY REMEDIATION WORK IS REQUIRED.

KEYED NOTES

1. CONNECT NEW SANITARY SEWER LINE TO EXISTING SANITARY SEWER, FIELD VERIFY EXISTING DEPTH, LOCATION & SUFFICIENT SIZE PRIOR TO BID.
2. THE EXISTING GREASE INTERCEPTOR SHALL BE PUMPED EMPTY FOR VISUAL INSPECTION TO VERIFY IT IS IN GOOD WORKING CONDITION FOR THE INTENDED REUSE. NOTIFY THE OWNER'S REPRESENTATIVE IF ANY REMEDIATION WORK IS REQUIRED. ONCE INSPECTED, REFILL THE VAULT WITH WATER TO PREVENT UPLIFT.
3. REFER TO SHEET P2.0 FOR BACKFLOW SCHEDULE FOR PROPER DEVICE FOR EACH EQUIPMENT TYPE.
4. 3/4" GAS COMPLETE W/SOC AND UNION (214 CFH) FOR FRYER. FLEXIBLE HOSE CONNECTION WITH QUICK DISCONNECT PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR.
5. FIELD COORDINATE THE INSTALLATION OF THE INLINE HOT WATER RECIRCULATION PUMP, EXPANSION TANK AND CHECK VALVE ASSEMBLY.
6. REROUTE EXISTING CONDENSATE DRAIN DOWN FROM ROOF & ROUTE ABOVE CEILING AND TERMINATE INTO MOP SINK WITH AN AIR GAP. REFER TO SHEET MEP1.0 FOR CONTINUATION.
7. NO NEW PIPING SHALL BE RUN ABOVE OR BELOW ELECTRIC PANELS.
8. CONNECT NEW SANITARY VENT LINE TO EXISTING SANITARY VENT SERVICE, FIELD VERIFY EXISTING LOCATION & SUFFICIENT SIZE PRIOR TO BID.
9. 1/2" FW CONNECTION TO BEVERAGE STATION COMPLETE WITH SHUT-OFF & BACKFLOW PREVENTER.
10. CONNECT NEW 3/4" DOMESTIC WATER TAP TO EXISTING TENANT WATER SERVICE. THE TAP SHALL BE INSTALLED COMPLETE WITH NEW SHUT OFF VALVE DOWNSTREAM OF THE EXISTING BACKFLOW PREVENTER. VERIFY FIELD CONDITIONS PRIOR TO CONSTRUCTION. COORDINATE EXACT LOCATION WITH LANDLORD PRIOR TO CONSTRUCTION.
11. ALL WATER PIPING IN THE COOKLINE WALL WITHIN 18" OF THE TYPE 1 EXHAUST HOOD SHALL BE INSTALLED AS RIGID COPPER PIPE. NO PLASTIC TUBING ALLOWED.
12. EXTEND 1/2" HW/CW SUPPLY TAPS AS SHOWN. INSTALL COMPLETE WITH STOPS AND HOT WATER TEMPERING VALVE.
13. ROUTE WALK-IN COOLER CONDENSATE DRAIN LINE AS HIGH AS POSSIBLE AND ALONG WALLS AS SHOWN. INSULATE ALL CONDENSATE PIPING AND PITCH A MINIMUM OF 1/4" PER FOOT IN THE DIRECTION OF FLOW. SEAL ALL COOLER WALL PENETRATIONS WATER TIGHT AND COVER EACH WITH AN ESCUTCHEON PLATE. PROVIDE FULL SIZE TRAP AND EXTEND ABOVE FLOOR AND BEHIND EQUIPMENT FOR AN INDIRECT CONNECTION TO AN APPROVED RECEPTOR.
14. CONNECT NEW 3/4" HOT WATER TO EXISTING WATER HEATER OUTLET. THE NEW HW LINE SHALL BE INSTALLED WITH A NEW HWR SYSTEM, REFER TO DETAIL ON SHEET P3.0. VERIFY FIELD CONDITIONS PRIOR TO CONSTRUCTION.
15. FIXTURE DRAIN IS CONNECTED TO A HORIZONTAL BRANCH DRAIN AND IS CONSIDERED CIRCUIT VENTED PER SECTION 911.1 OF THE 2018 OPC.
16. CONNECT NEW 3/4" HWR LINE TO EXISTING WATER HEATER INLET. THE NEW HWR LINE SHALL BE INSTALLED WITH A NEW RECIRC. PUMP, REFER TO DETAIL ON SHEET P3.0. VERIFY FIELD CONDITIONS PRIOR TO CONSTRUCTION.
17. GAS PIPING TO BE ROUTED DOWN THROUGH ROOF. REFER TO MEP1.0 FOR CONTINUATION OF PIPING ON ROOF.
18. EXISTING KITCHEN EQUIPMENT TO REMAIN, VERIFY UNITS AND ALL ASSOCIATED COMPONENTS ARE IN GOOD WORKING CONDITION.
19. TERMINATE THE HOT WATER RETURN TO THE COLD WATER SUPPLY TO THE WATER HEATER AS SHOWN, INSTALL COMPLETE WITH LINE SIZED CHECK VALVE. ROUTE THE 1 1/4" CW, 1 1/4" HW & 1 1/4" GAS TO THE WATER HEATERS COMPLETE WITH GAS COCKS, UNIONS & 6" DIRT LEGS.
20. MECHANICAL GAS ANSUL VALVE TO BE INSTALLED ABOVE IN AN ACCESSIBLE LOCATION. EXTEND GAS DOWN FOR COOKING APPLIANCES TO FULL SIZED MANIFOLD 12" AFF, INSTALLED TIGHT TO WALL.
21. EXISTING PLUMBING FIXTURES IN RESTROOM TO REMAIN, VERIFY UNITS AND ALL ASSOCIATED COMPONENTS ARE IN GOOD WORKING CONDITION.
22. EXTEND FW LINE DOWN IN WALL WITH SHUT-OFF & EXTEND TO BAR DIE WALL, 12" ABOVE FLOOR, PROVIDE DECORATIVE ACCESS PANEL.
23. ROUTE THE WATER SUPPLY WITH SHUT-OFF & BACKFLOW PREVENTOR AS SCHEDULED FOR CONNECTION TO THE BAG-N-BOX WATER FILTER ASSEMBLY. THE WATER FILTER SHALL BE FURNISHED AND INSTALLED COMPLETE BY SODA VENDOR & WALL MOUNTED IN AN ACCESSIBLE LOCATION ABOVE THE BAG-N-BOX. THE FILTER SHALL SERVE THE BEVERAGE DISPENSERS AS SHOWN. FIELD COORDINATE THE COMPLETE INSTALLATION.
24. ROUTE THE WATER SUPPLY PIPING WITH SHUT-OFF & BACKFLOW PREVENTER AS SCHEDULED TO THE WATER FILTER ASSEMBLY PRIOR TO FINAL CONNECTION TO THE ICE MAKER EQUIPMENT & BEVERAGE EQUIPMENT AS SHOWN. THE WATER FILTER ASSEMBLY SHALL BE FURNISHED BY OWNER & INSTALLED BY THE PLUMBING CONTRACTOR.
25. ROUTE WATER DISTRIBUTION PIPING WITHIN THE BAR DIE WALL, 12" A.F.F.
26. PROVIDE 1/2" HOT WATER TAP TO CONNECTION TO CHEMICAL DISPENSER. INSTALL COMPLETE WITH ACCESSIBLE LINE SIZED BACKFLOW PREVENTOR.

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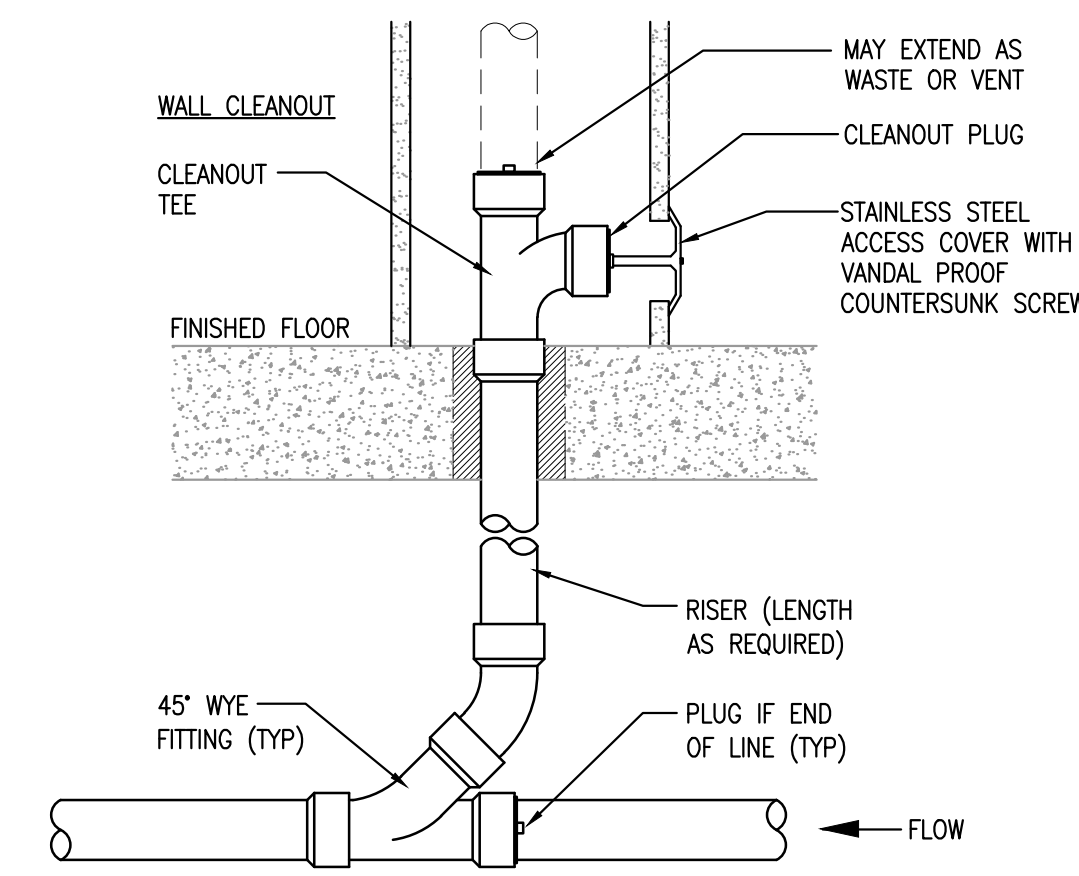
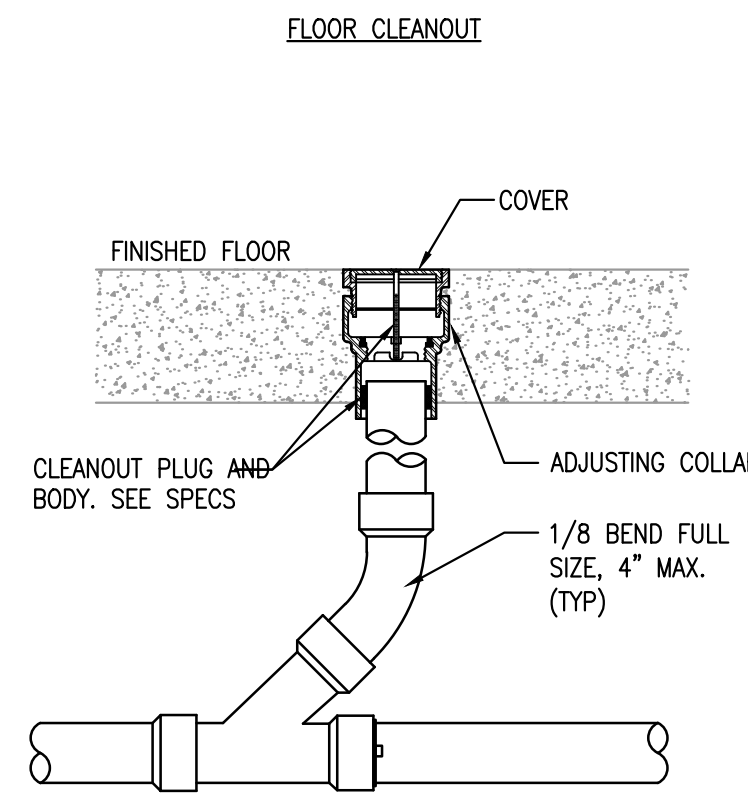
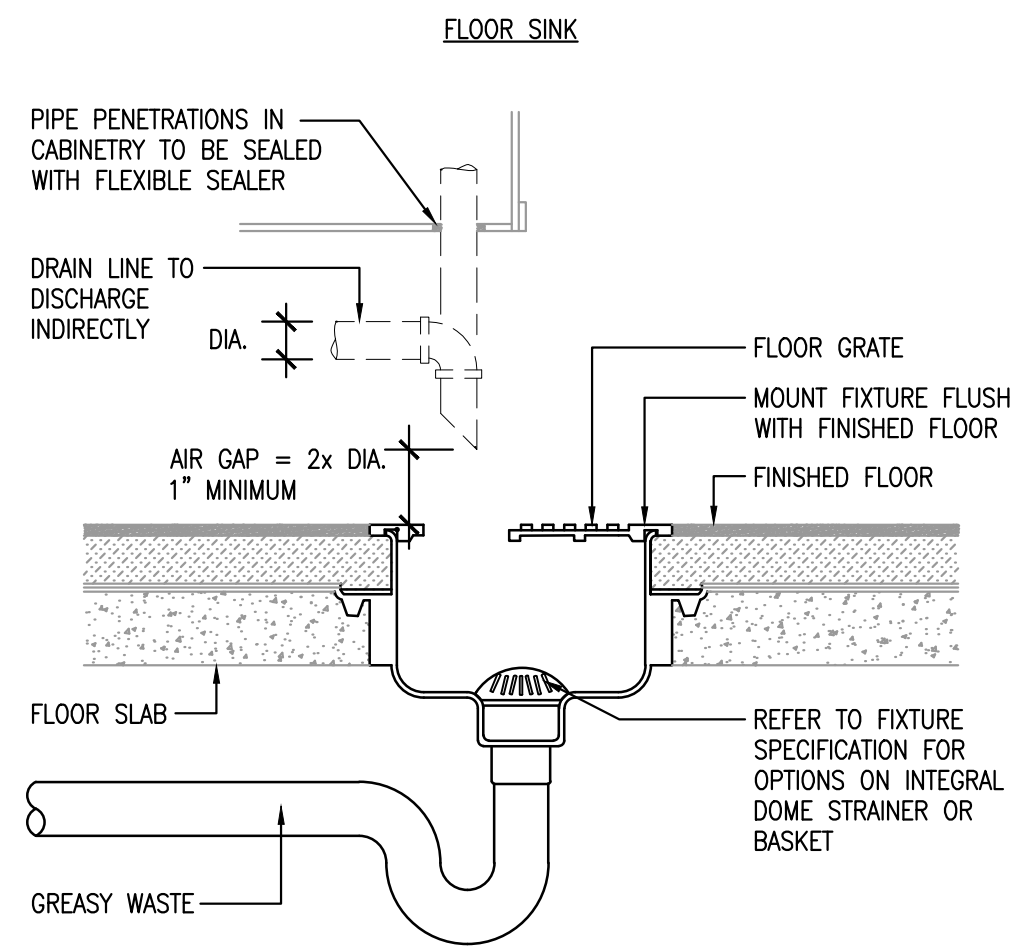
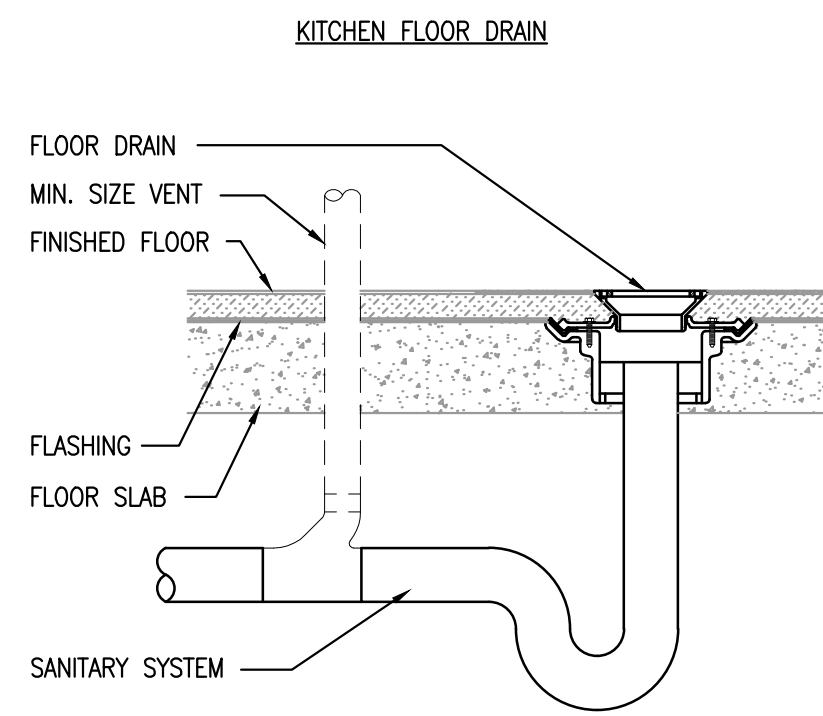
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DATE	DESCRIPTION

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**PLUMBING
FLOOR PLANS**

SHEET NUMBER:
P1.0

IDS4 PROJECT NUMBER:
DBQ21011

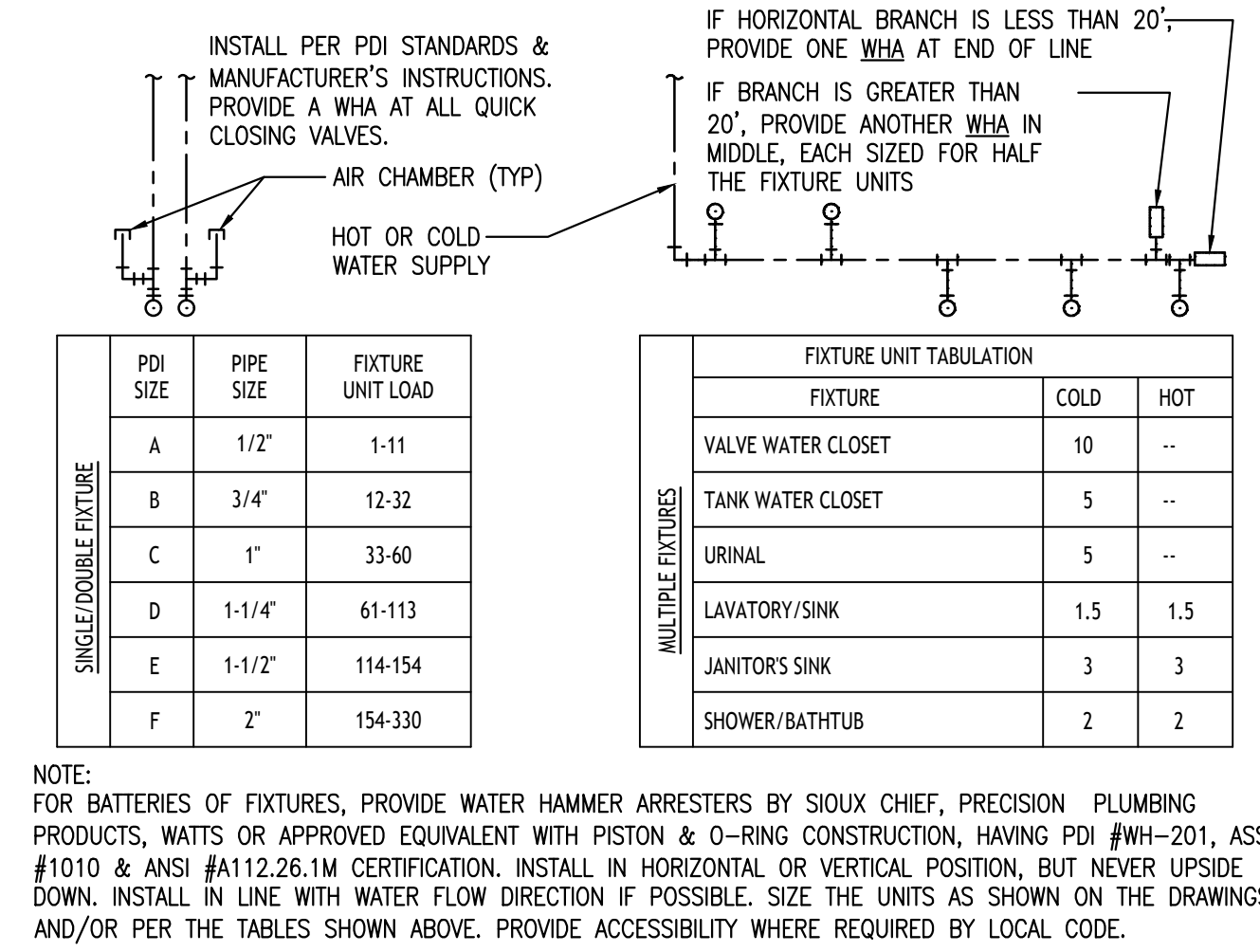
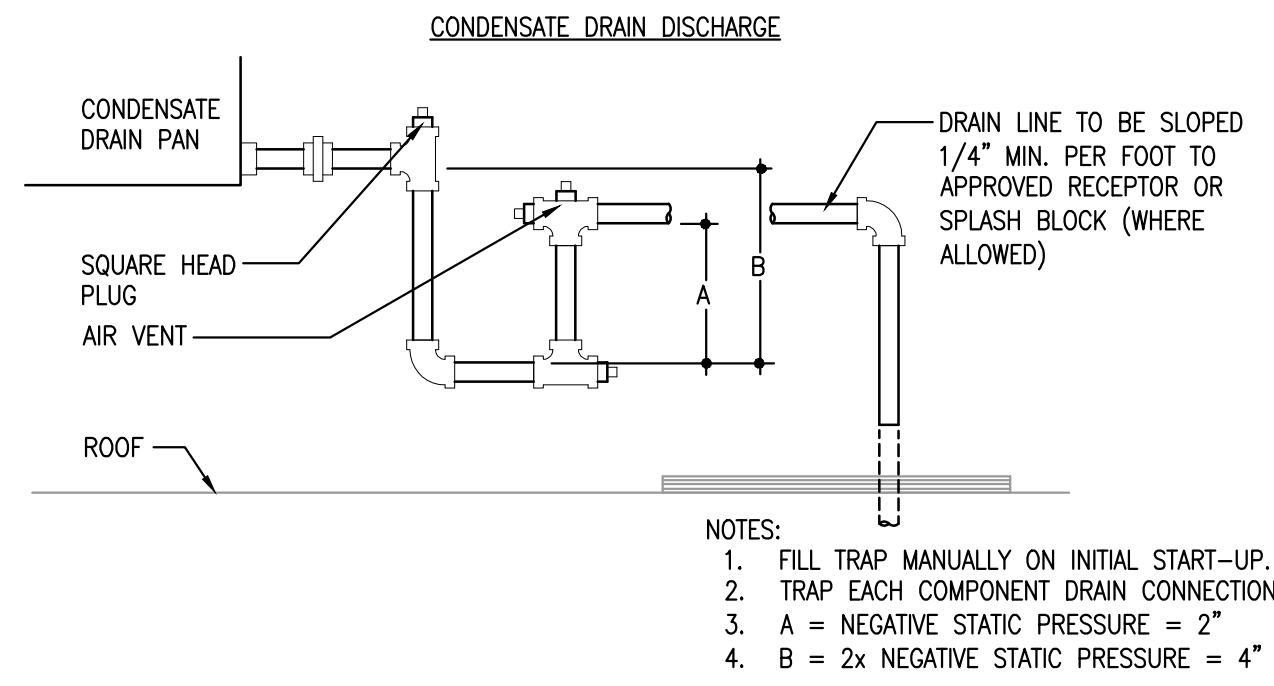
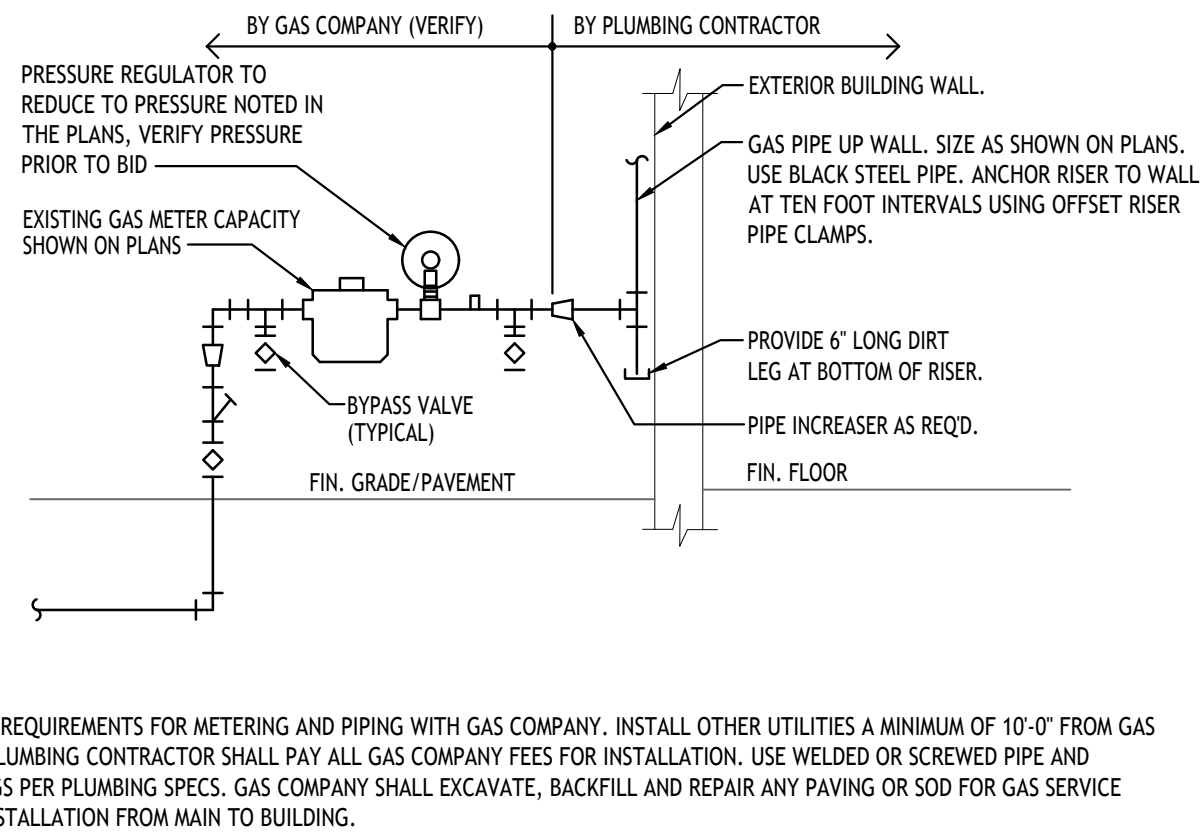
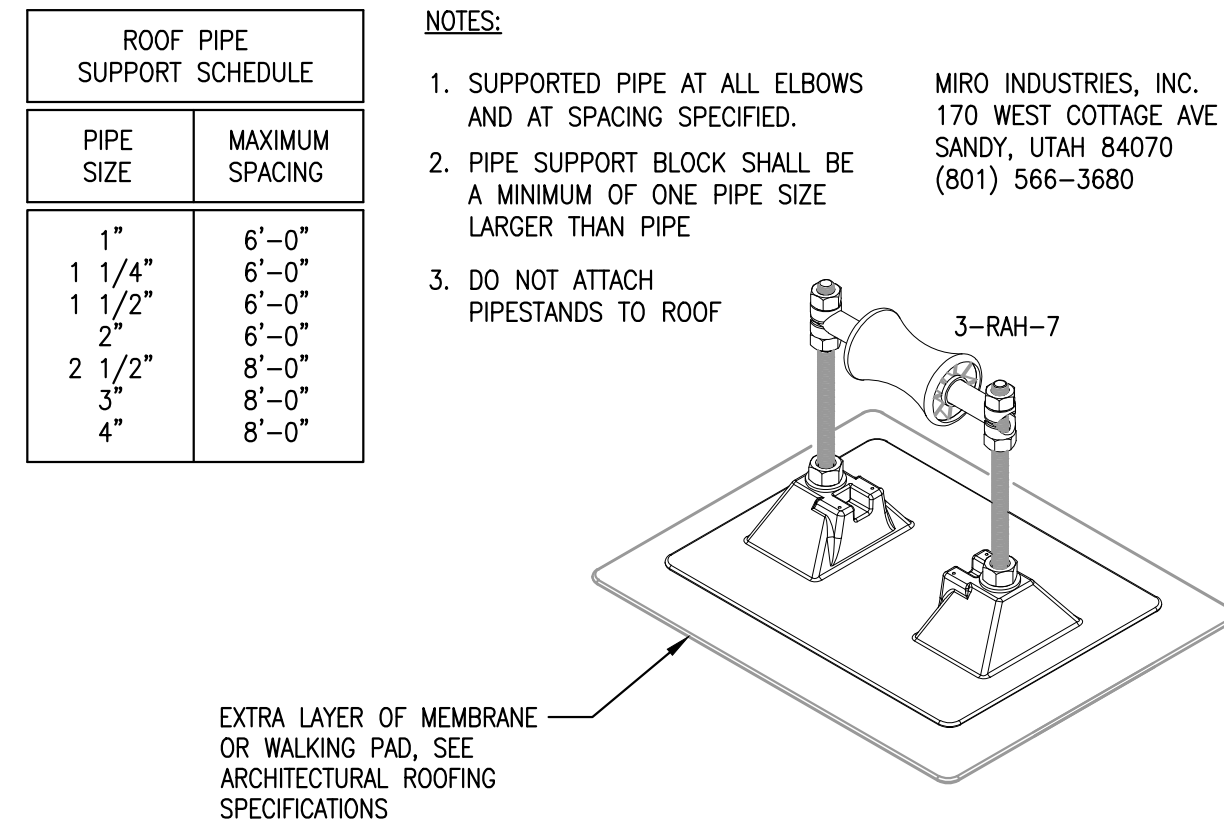


DRAINAGE DETAILS
SCALE: NONE

1

CLEANOUT DETAILS
SCALE: NONE

2



ROOF PIPING SUPPORT DETAIL
SCALE: NONE

3

GAS SERVICE CONNECTION
SCALE: NONE

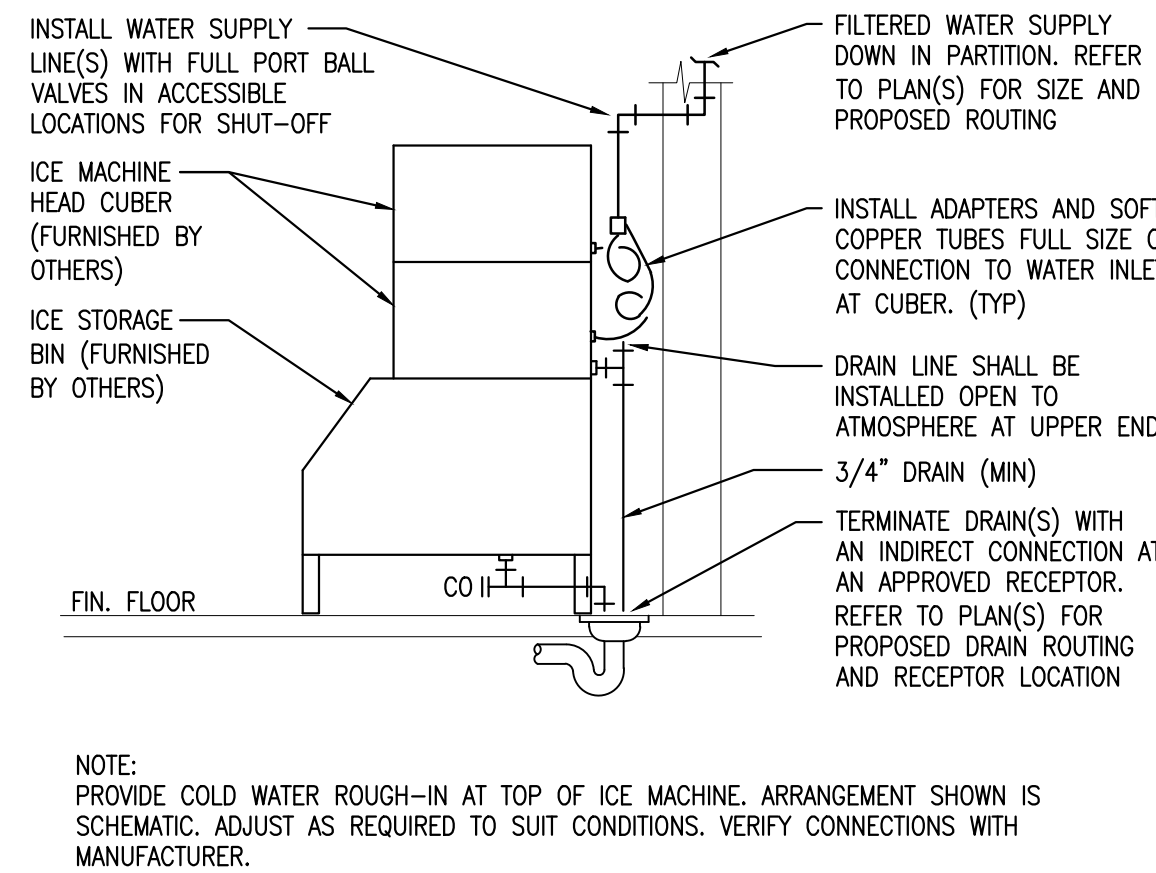
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CONDENSATE DRAIN DETAIL
SCALE: NONE

5

WATER HAMMER ARRESTOR DETAIL
SCALE: NONE

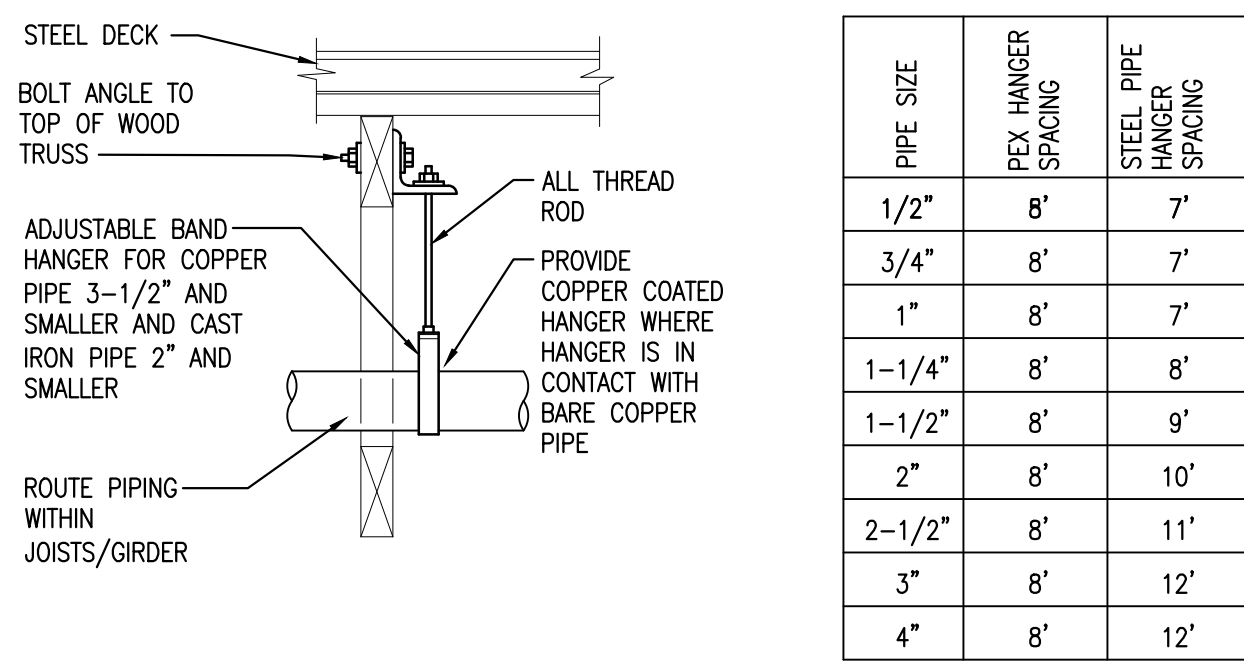
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NOTE:
PROVIDE COLD WATER ROUGH-IN AT TOP OF ICE MACHINE. ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST AS REQUIRED TO SUIT CONDITIONS. VERIFY CONNECTIONS WITH MANUFACTURER.

ICE MACHINE CONNECTION DETAIL
SCALE: NONE

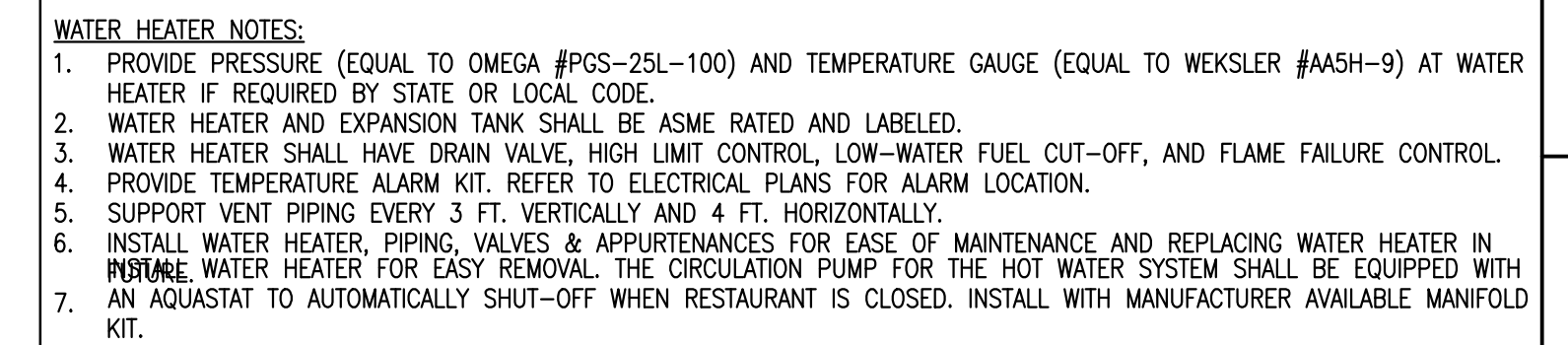
9



NOTE:
PROVIDE UPPER ATTACHMENT AS REQUIRED FOR CASES NOT SHOWN HERE. DO NOT INSTALL HANGER INSIDE INSULATION OR OTHERWISE PENETRATE VAPOR BARRIER. DO NOT HANG ONE PIPE FROM ANOTHER EXCEPT IN CHASES. SLOPE ALL WATER PIPING SLIGHTLY TOWARD DRAINABLE LOCATIONS. HANGER SPACING FOR PIPE SIZE: AS INDICATED ON TABLE. CAST IRON: 10' AND WITHIN 1'-0" OF ALL JOINTS. ROD SIZES FOR PIPE SIZE: 2" AND SMALLER=3/8", 2 1/2" TO 3"-1/2", 4"-5/8", 6"-3/4", 8" AND LARGER=7/8". LOCATE HANGERS WITHIN 1'-0" OF VALVES AND FITTINGS. PROVIDE SUPPLEMENTARY STEEL STRUTS BETWEEN JOISTS IF REQUIRED. LOCATE HANGERS WITHIN 1'-0" OF EQUIPMENT CONNECTIONS. ANCHOR WATER PIPE AGAINST SWAYING DUE TO CHANGES IN WATER VELOCITY. CHAINS AND PERFORATED STRAP IRON AND STEEL ARE NOT ACCEPTABLE. DO NOT SUSPEND PIPE FROM JOIST BRACING MEMBERS. REFER TO CODE AND SPECIFICATIONS FOR FURTHER INFORMATION. PROVIDE SEISMIC BRACING IF AS REQUIRED BY LOCAL AUTHORITIES. TRAPEZE HANGERS MAY BE USED FOR MULTIPLE PARALLEL PIPES. SEE "TRAPEZE PIPE HANGER DETAIL."

WOOD TRUSS PIPE HANGER DETAIL
SCALE: NONE

10



NOTE:
1. PROVIDE PRESSURE (EQUAL TO OMEGA #PGS-25L-100) AND TEMPERATURE GAUGE (EQUAL TO WEKSLER #AASH-9) AT WATER HEATER IF REQUIRED BY STATE OR LOCAL CODE.
2. WATER HEATER AND EXPANSION TANK SHALL BE ASME RATED AND LABELED.
3. WATER HEATER SHALL HAVE DRAIN VALVE, HIGH LIMIT CONTROL, LOW-WATER FUEL CUT-OFF, AND FLAME FAILURE CONTROL.
4. PROVIDE TEMPERATURE ALARM KIT. REFER TO ELECTRICAL PLANS FOR ALARM LOCATION.
5. SUPPORT VENT PIPING EVERY 3 FT. VERTICALLY AND 4 FT. HORIZONTALLY.
6. INSTALL WATER HEATER, PIPING, VALVES & APPURTENANCES FOR EASE OF MAINTENANCE AND REPLACING WATER HEATER IN PLACE. WATER HEATER FOR EASY REMOVAL. THE CIRCULATION PUMP FOR THE HOT WATER SYSTEM SHALL BE EQUIPPED WITH AN AQUASTAT TO AUTOMATICALLY SHUT-OFF WHEN RESTAURANT IS CLOSED. INSTALL WITH MANUFACTURER AVAILABLE MANIFOLD KIT.

ELECTRIC TANK TYPE WATER HEATER CONNECTION DETAIL
SCALE: NONE

11

NOT USED
SCALE: NONE

7

NOT USED
SCALE: NONE

8

ENGINEER:
JOHN G. SISK, PE

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02/16/22

DICKEY'S - MILFORD
1090 STATE ROUTE 28
MILFORD, OH 45150
CLIENT: LEWIS RESTAURANT GROUP, LLC
126 SUNSET PLACE
GOSHEN, OH 45122



OH-2107

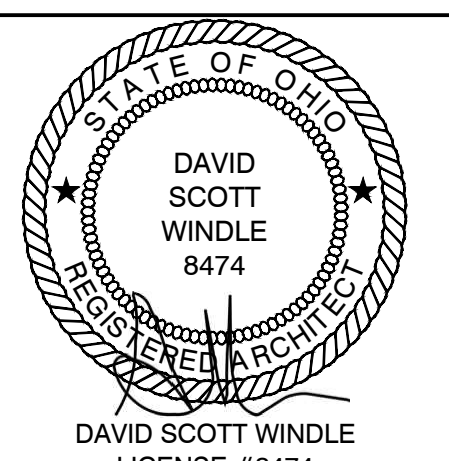

DATE	DESCRIPTION
01/28/22	DICKEY'S REVIEW ISSUE
02/16/22	PERMIT-BID

DATE	DESCRIPTION

PLUMBING DETAILS

SHEET NUMBER:
P3.0

1054 PROJECT NUMBER:
DBQ21011

DIVISION 15 - MECHANICAL		ARCHITECT:											
SECTION 15100 - GENERAL MECHANICAL REQUIREMENTS		DAVID SCOTT WINDLE, AIA 6201 CAMPUS CIRCLE DRIVE E. IRVING, TX 75063 PHONE 972.870.1288 E-MAIL scottw@dstudio4.com											
<p>1. Scope of Work:</p> <p>a. The work to be accomplished under this Section of Specifications includes the furnishing of all labor, materials, supervision and equipment for the complete installation of air conditioning, heating, ventilating, plumbing, fire protection together with all the necessary auxiliaries and appurtenances. Generally the work shall consist of, but is not limited to, items listed in the following paragraphs.</p> <p>b. Air Conditioning and Heating: Factory built air conditioning and heating units of the single zone roof top package, filters, fans, motors, drives, HVAC units, hoods, etc.</p> <p>c. Air Distribution System: Sheet metal ductwork, volume dampers, splitter dampers, turning vanes, air control devices, grilles, registers, diffusers, flexible duct, install per SMACNA Standards. Fiberglass duct board is not an acceptable alternative.</p> <p>d. Plumbing: Soil, waste and vent piping, domestic hot and cold water distribution, hot water generators, natural gas distribution, fixtures, grease traps, vents, condensate lines and HVAC and miscellaneous equipment, underfloor or overhead soil, refrigerant line conduit and/or roof leaders.</p> <p>e. Miscellaneous Supply and exhaust fans, make-up air units, temperature controls, thermal insulation, apparatus foundations and supports, pipe hangers and supports and all necessary tools, accessories and appliances as required to make all systems complete and operative.</p> <p>2. Products and Execution:</p> <p>a. Electrical Provisions for Mechanical Work: Except for such items as are normally wired up at their point of manufacture and so delivered, and unless specifically noted to the contrary herein, the Electrical Subcontractor will provide all electric wiring of every character for power supply. Control wiring shall be furnished and installed by the Electrical Subcontractor. This Subcontractor shall erect all motors in place ready for connection. Except for such items as are normally supplied with starters installed (HVAC units, dishwashers, etc.) at their point of manufacture. All other starters not furnished with equipment to be furnished and installed by Electrical Contractor. The Electrical Subcontractor will mount all such starters, as directed, furnishing supporting structures where necessary. The Owner and other Contractors shall furnish with each item requiring electrical connections, the necessary instructions and wiring diagrams to the Electrical Subcontractor. The Electrical Subcontractor shall refer to the specifications to determine the scope of the work</p> <p>b. Closes and Openings: Various divisions, however, the locations of all inserts and openings shall be determined and coordinated with other divisions in ample time to avoid cutting new construction.</p> <p>c. Roof Flashing of Ducts and Curbs: Division 7, however, plumbing vent flashing and counter flashing shall be provided under this Division and per roof manufacturer recommendations.</p> <p>d. Openings in Roof Deck: Where piping, ducts, vents or any other mechanical apparatus penetrates roof deck and opening is not specifically shown on structural drawings, obtain Architect's approval of location and size. Have roof deck installer do cutting and pay installer cost of cutting opening.</p> <p>3. Permits, Fees and Code Regulations:</p> <p>a. Permits: Obtain all permits required to do this work and pay any fees required to such permits.</p> <p>b. Regulations: Conform to all State and Local Ordinances and Rules applicable to this work and in effect at the time the work is performed. Approval of various insuring and inspection authorities shall be obtained. When requested, competent evidence of compliance, with applicable codes, shall be furnished.</p> <p>c. Conflicts: If a conflict exists between the drawings and/or specifications and any above mentioned authority, the Contractor shall advise the Architect/Engineer in writing five (5) days prior to presenting Proposal or stand any cost required to meet regulations.</p> <p>4. Structural and Space Condition:</p> <p>a. The specifications and accompanying drawings are intended to encompass a system that will not interfere with the structural, electrical and architectural design of the building, and which will fit into the several available spaces. As it is not within the scope of the drawings to show all necessary offsets and obstructions of structural conditions, it shall be the responsibility of the Contractor to install his work in such a manner that it will conform to the structure, avoid obstructions and interferences with other trades, preserve headroom, and keep openings and passageways clear.</p> <p>b. Do not run piping or ductwork, or locate equipment (with respect to electrical switchboards, panelboards, power panels, motor control centers or dry type transformers) within 42" in front of or over electrical equipment, or within 36" horizontally of same space.</p> <p>5. Drawings:</p> <p>a. The drawings as prepared are diagrammatic but shall be followed as closely as actual construction of the project and the work of the trades will permit. Changes from the drawings necessary to fit the work of various trades, to conform to equipment actually being installed, or to conform to the rules of authorities having jurisdiction shall be made without additional cost to the Owner.</p> <p>6. As-built Drawings:</p> <p>a. Provide and keep up-to-date, a complete record set of blue line prints which shall be corrected daily with dated notations, and shall show every change from the original Contract drawings. This set of prints shall be kept on the job site and shall be used only as a record set.</p> <p>7. Protection of Materials:</p> <p>a. Take such precautions as are necessary to protect all equipment and materials from damage.</p> <p>8. Workmanship:</p> <p>a. Labor shall be performed in a workmanlike manner by mechanics skilled in their particular trades.</p> <p>9. Materials and Equipment:</p> <p>a. All materials shall be new and of the best quality. Where manufacturer's names and model numbers are mentioned in the specifications, it is intended to set a standard of quality and shall not be construed to limit competition unless specifically stated in drawings or to discriminate against "equal" products of other manufacturer. The words "or approved equal" are to follow each material specification where a substitution will be considered. Any proposed substitution must be submitted for comparison and it is understood that the Engineer shall be the sole judge in the matter.</p> <p>10. Vibrations and Noise:</p> <p>a. Each of the various pieces of equipment shall operate without objectionable vibration or noise. All rotating equipment shall be in static and dynamic balance and shall be mounted, supported and fastened so that no equipment vibration will be transmitted to the building. The specific size of vibration isolation shall be in accordance with manufacturer's recommendation and shall be submitted to the Engineer for approval. If, in the opinion of the Engineer, objectionable vibration or transmission thereof to the building occurs, the Contractor shall execute remedial measures as may be necessary to eliminate such unsatisfactory operating conditions at the Contractor's expense.</p> <p>11. Operating Instructions:</p> <p>a. Brochures: Written instructions, assembled and bound in brochures, shall be furnished in triplicate for operating and maintaining all equipment furnished under this Division of the Specifications. Instructions shall include all normal adjustments, a list of lubricating points with the type and frequency of lubrication required. Parts lists shall be furnished.</p> <p>b. Demonstration: Upon completion and acceptance of work by the Owner, the Contractor shall be provided to instruct the operating personnel in the operation of the entire installation. Two sessions shall be held, one for summer operation and one for winter operation, both in the respective seasons.</p> <p>c. Equipment location and Use: Provide, in triplicate, suitably bound operating book containing all equipment, its location, use and description, and building schematics. Submit to Architect for approval before printing in final form.</p> <p>d. Contractor shall instruct store manager and Owner's Construction, Operations or Facilities Manager on the programming of all thermostats. This shall be a hands-on explanation. Contractor shall also provide manager with booklet showing programming instructions.</p> <p>12. Final Inspections:</p> <p>a. Schedule: Upon completion of Contract, there shall be a final inspection of the completed installation. Prior to this inspection, all work under this Division shall have been completed, tested, balanced, and adjusted and in final operating condition.</p> <p>b. Personnel: A qualified person representing the Contractor must be present at this final inspection to demonstrate the system and prove the performance of the equipment.</p>													
SECTION 15400 - PLUMBING		<p>6201 CAMPUS CIRCLE DRIVE E. IRVING, TX 75063 PHONE 972.870.1288 E-MAIL scottw@dstudio4.com</p>  <p>DAVID SCOTT WINDLE LICENSE #8474 EXPIRATION: 12/31/2023</p> <p>02/16/22</p> <p>DICKEY'S - MILFORD 1090 STATE ROUTE 28 MILFORD, OH 45150</p> <p>CLIENT: LEWIS RESTAURANT GROUP, LLC 126 SUNSET PLACE GODDHEN, OH 45122</p>  <p>OH-2107</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>01/28/22</td> <td>DICKEY'S REVIEW ISSUE</td> </tr> <tr> <td>02/16/22</td> <td>PERMIT BID</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table> <p>SHEET TITLE: SPECIFICATION</p> <p>SHEET NUMBER: SP1.4</p> <p>ISSA PROJECT NUMBER: DBQ21011</p>		DATE	DESCRIPTION	01/28/22	DICKEY'S REVIEW ISSUE	02/16/22	PERMIT BID				
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SECTION 16121 - BASIC MATERIALS AND METHODS

1. General:
 - a. Section 16A applies to all works hereunder and shall include conduit, boxes, wire, wiring devices, lighting fixtures and related materials.
2. Conduit:
 - a. Connections to equipment, which shall be made with three feet flexible liquidtight conduit with liquidtight connectors.
 - b. Connections to recessed lighting fixtures shall be made with six feet of flexible conduit from a junction box. Locate junction box to prevent relocation of the light fixture.
 - c. Intermediate grade conduit with threaded fittings shall be provided in slab-on-grade, outside building, burial below grade and in wet locations.
 - d. All other conduit shall be electric metallic tubing with compression type fittings. Except exterior exposed conduit shall be rigid galvanized conduit.
 - e. Schedule 40 and schedule 80 PUC conduit may be used as noted on plans.
3. Boxes:
 - a. Concealed boxes shall be 4-inch square galvanized steel with galvanized extension rings, total depth of not less than 2-1/2 inches.
 - b. Surface mounted boxes shall be pressed galvanized steel, utility type.
 - c. Gangable sectional switch boxes are specifically not allowed.
4. Wire & Cable (600V and less):
 - a. The wire meeting requirements below shall be suitable for secondary power and light circuits and control circuits within the limitations of these specifications.
 - b. Insulated wire No. 8 AWG and larger shall be stranded.
 - c. All wire shall be brought to the job in unbroken packages, and shall bear the date of manufacturing and shall not be older than twelve months.
 - d. Type of wire shall be as follows:
 1. Unless otherwise specified or indicated otherwise on drawings, all #12 and #10 wire shall be THHN and all wire #8 and larger shall be THHN-THWN type.
 2. Wiring adjacent to heat producing equipment shall be type AVA.
 3. No wire smaller than #12 gauge shall be used, except for signal or control systems or where otherwise indicated. Wire shall be copper, 600 volt minimum rating, except for special systems.
 4. Unless noted otherwise, all conductors shall be soft drawn copper conforming to the latest ASTM specifications and the latest requirements of NEC. Unless otherwise noted or specified, all insulation shall be rated 600 volt.
 5. All wire shall be as manufactured by General Cable Co., Phelps Dodge, Anaconda, or a cable equivalent.
 6. All wire shall be installed in conduit and color-coded. All wire shall be 98% conductive copper, rated for maximum of 600 volts.
5. Wire Connectors: Wire connectors for sized #10 AWG and less shall be "Press-Snure", Ideal "Wrap-Cap", T&B "Stakons" or 3M "Scotchlok". Connectors for wire size #8 and larger shall be T&B or Burndy methods using hydraulic presses.
6. Electric Tape shall be Johns-Manville "Dutch-Brand" 3M, Scotch Branch, or Plymouth "Slipknot Brand".
7. Wall switches shall be as follows or approved equal with color as directed by Architect:
 - a. 20A, SP, 125/277V, Hubbell #1221.
 - b. 20A, 3W, 125/277V, Hubbell #1223.
 - c. 20A, 4W, 125/277V, Hubbell #1224.
 - d. 20A, SP, 125/277V, with pilot light - Hubbell #1221-PL
 - e. 20A, SP, 125/277V, weatherproof - Hubbell #1281/1795.
 - f. 20A, SP, 125/277V keyed switch, Hubbell #1221-L
8. Receptacles shall be white, except brown shall be installed to match finishes and shall be as follows or approved equal. Provide other receptacles as indicated on the drawings.
 - a. 20A, 125V, duplex - Hubbell #5362 (I)
 - b. 20A, 250V, 2W+G - Hubbell #5461
 - c. 50A, 250V, 3W+G - Arrow-Hart #5700, Bryant #9630FR or P & S #5950.
 - d. Ground Fault (20A/125V) - Hubbell #GF-5362. Provide spring loaded weatherproof while in use covers where indicated.
 - e. Clock and Sign Hanger - Arrow-Hart #5708, Bryant #2828-GS or Hubbell.
9. Occupancy sensor switches shall be passive infrared.
 - a. Wall mounted sensors shall be 120/277 volts 0 to 1500 watt for incandescent or fluorescent lighting and shall have off/auto/on switch, photocell with ambient light control adjustable 1 to 1000 fc, 1 to 20 minute adjustable time delay, LED sensing indicator.
10. Plates: Provide faceplates for all devices including wall switches, receptacles, telephone outlets and all wall outlets. Face plates shall be satin finished stainless steel in all food preparation areas, bar, restrooms, offices and commercial grade smooth unbreakable plastic in Lobby/Dining, color to match devices and walls.
11. Lighting fixtures shall be furnished by Contractor as scheduled on drawings except for those indicated to be furnished by Owner. Contractor shall install all lighting fixtures, provide necessary mounting hardware. All recessed lighting fixtures shall be thermally protected as required by Code. Provide mounting hardware for all light fixtures installed in gypsum ceilings and sloped ceilings.
 - a. Provide all necessary mounting hardware and related items to properly install the lighting fixtures. Fixtures supported in exposed or concealed grid ceilings shall be provided with clips. Fixtures mounted in or on tile ceilings shall be aligned with tiles. Lighting fixtures shall be supported from the building structural members except for exposed grid ceilings where a ceiling supporting wire shall be provided at each fixture corner. Do not use ceiling grid ceiling support wires for strapping or support.
12. Lamps:
 - a. Contractor shall furnish and install one complete set of lamps for all lighting fixtures. Provide label in each fixture indicating size and type of lamp corresponding with schedule on drawing. Size shall be worked "MAXIMUM WATTAGE".
 - b. Fluorescent lamps shall be standard cool white, energy efficient, manufactured by General Electric Watt Miser II unless noted otherwise.
 - c. Incandescent lamps shall be inside frosted with 2500 hour lamp life rated 130 volts.
13. Fluorescent ballasts shall be electronic, energy efficient, manufactured by General Electric, Maxi-Miser II, Class "P" or approved equal.
14. Raceway System
 - a. All wire shall be (installed in a metal raceway and shall be) concealed where possible. Where necessary to expose the wiring the raceway shall be installed as inconspicuously as possible and in straight lines with 90-degree bends, parallel with building lines. Square raceways, ream smooth and make-up tight. Plug ends of raceways furring construction and swab clean before pulling wire or cable. Support raceways from building structure members only with approved fasteners designed for the purpose.
 - b. Raceway system shall be installed to maintain the maximum headroom with required supports for the load. All anchors, straps and clips shall be the type designed for the purpose installed in accordance with the manufacturers recommendations. Common supports may be used for mechanical and electrical equipment by coordinating the work with all trades.
 - c. All electrical boxes shall be supported from building structural members independently of the conduit raceways, mechanical systems or suspended ceiling supports. Recessed boxes shall be flush with surrounding surface. All boxes and cabinets shall be protected during construction and shall be cleaned before pulling wire and installing devices.
 - d. Size of conduit shall not be less than 3/4" and not less than required by the National Electrical Code.
15. Wire: Use only approved type wire-pulling lubricants for wire pulls. Splice wire only in accessible and UL approved junction boxes. Make wire joints mechanically strong before applying the connector and where tape is used, wrap each joint to the thickness of the original insulation. Clean and polish metallic surfaces before installing conductors. Apply pressure type lugs on stranded conductors connected to screw or bolt type connections.
16. Wiring Devices: Unless noted otherwise, receptacles shall be installed 18" above the finished floor, switches shall be 48" and clock hangers 8"-0". Receptacles noted above work counters and cabinets (AC) shall be mounted above the backsplash. Weatherproof receptacle covers shall be weatherproof while in use. Provide a bonding jumper between the box and all receptacles.
17. Equipment Connections: Provide all necessary motor starters (verify hood fans with supplier), disconnect switches, controls, conduit, boxes, wire, etc. and connect complete to each piece of equipment requiring electrical connections indicated on the drawings. Where equipment ratings different from that indicated, consult Owner. Consult with equipment supplier to determine rough-in requirements. Where equipment is noted as future, terminate circuit in junction box and install spring wire nuts on the ends of the conductors.

18. Power and Lighting Panels:
 - a. Power distribution panel "FS" shall be Cutler Hammer or equal. The service entrance equipment shall be UL listed and labeled for that application. Bussing shall be aluminum, tin-plated. Brace bussing for 65,000 A.I.C. unless noted otherwise on the contract drawings.
 - b. Lighting and power panelboards shall be Cutler Hammer, or equal, with locking door and flush trim. Bussing shall be aluminum, with bracing to suit interrupting rating.
 - c. Breakers shall be individual molded case, bolt-in style, sized as scheduled. Two pole and three pole breakers shall be common trip single pole units with handleties are not acceptable.
 - d. Panels shall be wall mounted or curb mounted as shown on plans.
 - e. Contractor to verify available fault current with utility company for proper panel asymmetrical interrupting ratings. Submit this information with shop drawings and panels, along with letter from Power Company.
 - f. Meter, C.T. cabinet, service conductors and conduit, transformer, etc., shall be per local utility requirements. Coordinate service installation with local utility company, providing all needed equipment and labor.
19. Dimmers: Furnish as noted on plans. UL listed.
20. Grounding:
 - a. Equipment Grounding
 1. The equipment grounding system shall be such that all metallic structures, enclosures, raceways, junction boxes, outlet boxes, cabinets, machine frames, portable equipment and other conductive items associated with electrical circuits operate continuously at ground potential and provide a low impedance path for possible ground fault currents.
 2. Wireways, switchgear, panelboards and motor control panels shall be provided with an equipment ground bus (including lug or screw terminals) securely bonded to the enclosure. Junction boxes and other enclosures (sizes above 5x5") shall utilize an equipment ground bus or lug as required to securely bond the equipment ground conductor to the enclosure.
 3. All branch conductors for power and light shall include a green insulated grounding conductor. The equipment ground conductor shall be electrically and mechanically continuous from the source of supply to the equipment to be grounded.
 4. Lighting fixtures shall be securely connected to the equipment ground conductor.
 5. Motors shall be connected to the equipment ground conductor with a conduit grounding bushing and with a bolted solderless lug connection on the metal frame. Bolts, nuts and washers shall be bronze, cadmium plated steel, or other non-corrosive material.
 6. All conduit shall be connected to the equipment ground bus by means of a grounding bushing.
 7. E.C. shall coordinate with cash register system supplier to clarify any grounding and/or wiring requirements.
 - b. System Ground
 1. The service neutral shall be solidly bonded to the grounding electrode at the service.
 - c. Installation:
 1. All grounding conductors shall be sized as per the latest edition of the National Electrical Code.
 2. Ground rods: Ground rods shall be the copper clad steel type end shall be a minimum of 8 feet in length and 3/4 inch in diameter. Ground rods shall be as manufactured by Copperweld Steel Company, or and acceptable equivalent.
 3. Grounding electrode conductors shall be stranded copper. Equipment ground wire shall be THW insulated and shall be green in color.
 4. Connections to water service shall be made with suitable ground clamp of lug connection ahead of the building meter or cutoff valve. Verify the existence and burial of 10' of copper water pipe ahead of and after the water meter. Otherwise, provide UFER ground per NEC.
 5. Connections to ground rods shall be made by a exothermal weld.
 6. Grounding cables embedded in the floor shall be made in rigid conduit.
 7. Ground rods shall be driven full length diagonally into the earth and have a one (1) foot minimum cover.
 8. All conductor connections shall be made up tight to provide continuity of metallic ground
 9. Ground wires not in conduit shall be supported every five (5) feet.
 - d. Test:
 1. The Contractor shall run a ground resistance test and if the resistance to ground is greater than 25 ohms, additional ground rods shall be installed. The test shall not be made within five (5) days after a rain.
 2. The Contractor shall provide Owner with a copy of the test procedure and results of the test.
 3. The ground test shall be measured in the presence of an authorized representative of the Architect. No equipment shall be operated until ground potential is verified.
21. Workmanship:
 - a. All work shall be performed by workmen skilled in their trades and shall be typical of the best trade practices.
22. Cleaning: All equipment including panelboards, switches, wiring devices, lighting fixtures, wall plates, etc. shall be free of corrosion, dirt, paint splatter or damage of any sort at final acceptance of the Work. Contractor shall clean, repair or replace same as instructed by the Owner before final payment.

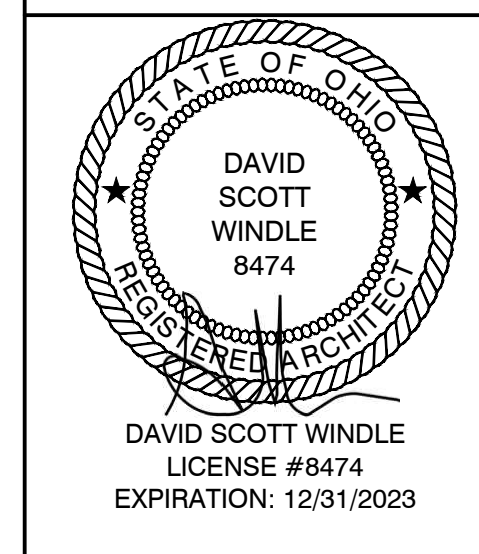
SECTION 16163 - SERVICE AND DISTRIBUTION

1. General
 - a. Scope: Section applies to all works hereunder and shall include service, metering and distribution.
 - b. Service: The electrical distribution is 120/208 volts, 3 phase, 4 wire 60 cycle or 277/480 volts, 3 phase, 4 wire 60 cycle as noted on drawings. Contractor shall verify service voltage with Utility Company and provide necessary revisions and modifications required. Service enters space underground.
 - c. Metering: Contractor shall provide modifications necessary metering facilities including meter socket, current transformer cabinet, conduit and other work for metering required by the Local Utility Company.
2. Materials
 - a. Disconnect Switches: Shall be (heavy-duty type, NEMA HD) fused unless noted otherwise, designed to accept only rejection type fuses and operator interlocked with the door in the "off" position. Switches shall be manufactured by General Electric, Square D or Cutler-Hammer.
 - b. Fuses: Shall be current limiting with 200,000 amperes interrupting capacity, UL Inc. Class RK1 and shall be dual element, time delay, Class R rejection type. One set of spare fuses shall be provided for each size and mounted in "Spare Fuse Cabinet" located at the service entrance. Fuse identification labels shall be manufactured by Bussman or Showmut.
3. Execution
 - Disconnect switches shall be installed 4'-0" above finished floor. All cabinets shall be vacuum cleaned before pulling wire
4. Installation of Equipment and Fixtures
 - a. Install all equipment and fixtures forming part of the work of this section in complete accordance with the manufacturer's recommendations and all pertinent codes and regulations. Make all final connections to bar and kitchen equipment.
5. Lamping
 - a. Lamp all fixtures with lamps of the designed rating and pattern.
6. Testing
 - General: Upon completion of this portion at the work, furnish all equipment and personnel and conduct all test required to secure approval of the installation from all agencies having jurisdiction.
 - Criteria:
 - All systems shall test free from short circuits and grounds shall be free from mechanical and electrical defects and shall show an insulation resistance between phase conductors and ground of not less than that required by the National Electrical Code.
 - All systems shall show proper neutral connections.
7. Cleaning Up
 - a. All equipment and exposed surfaces shall be left smooth and clean. All plate work shall be polished and the entire premises shall be cleaned of unused materials, rubbish, debris and grease spots.

ARCHITECT:

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SHEET TITLE:
SPECIFICATION

SHEET NUMBER:
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