

INTERIOR & EXTERIOR RENOVATION DRAWINGS FOR

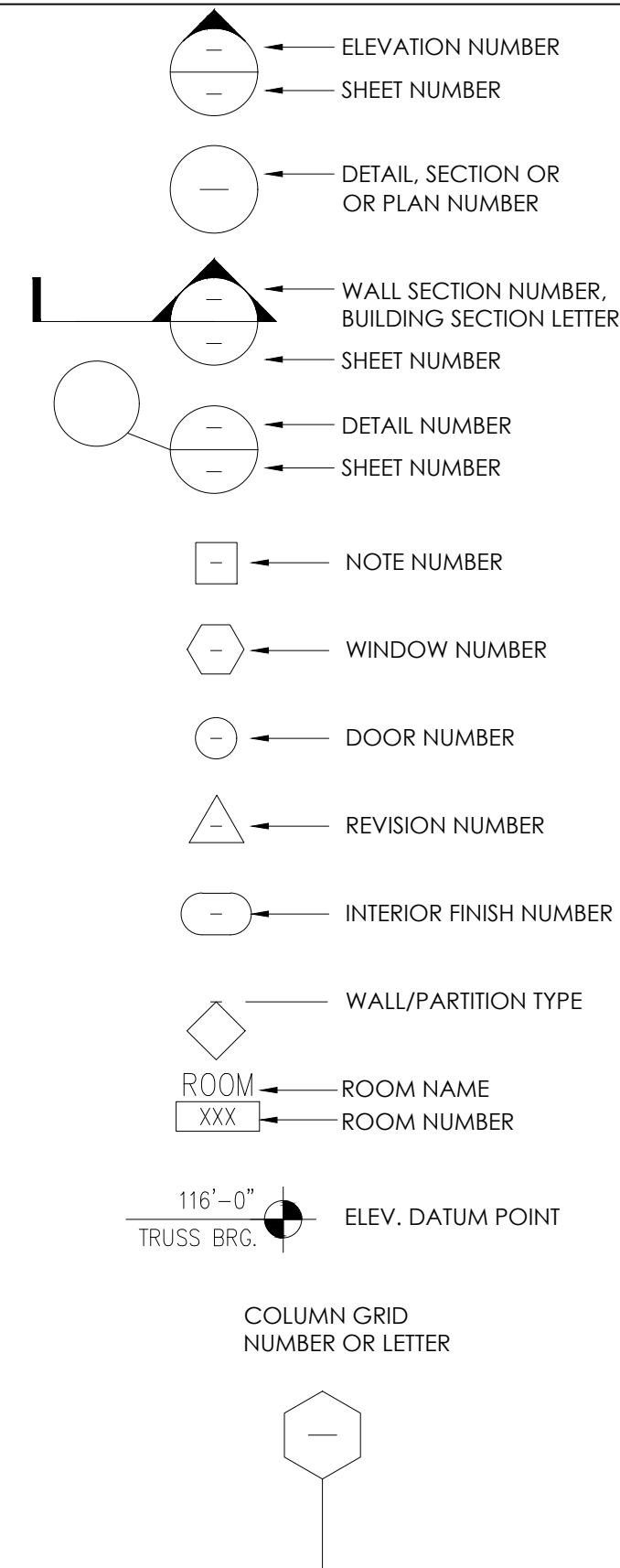


KIN NOTORI

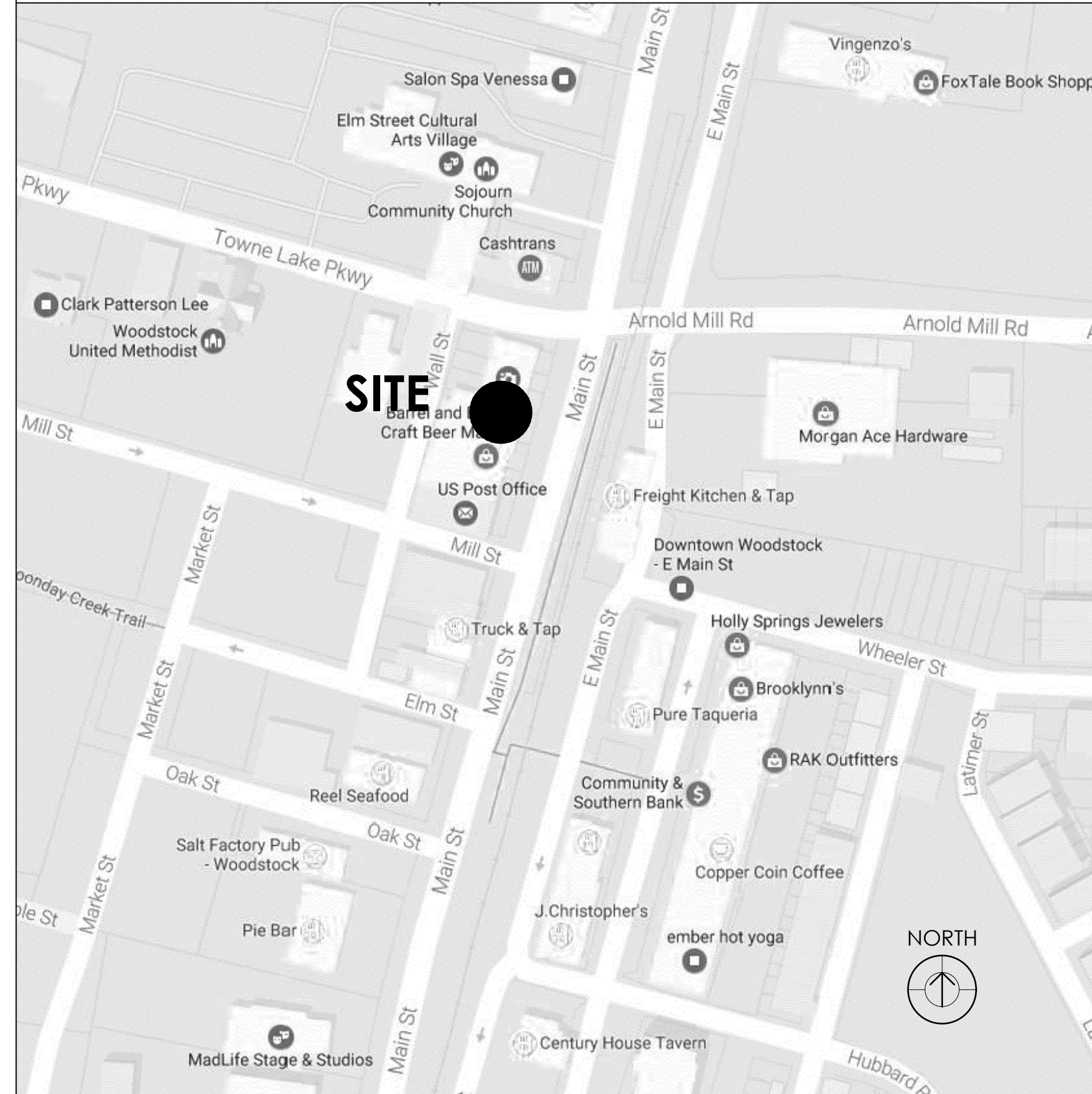
8590 MAIN STREET
WOODSTOCK, GEORGIA 30188



SYMBOLGY / LEGEND



LOCATION MAP



GENERAL PROJECT NOTES

- CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BIDDING
- ALL MATERIALS INDICATED ARE NEW AND SHALL BE PROVIDED BY CONTRACTOR UNLESS OTHERWISE NOTED
- DURING THE COURSE OF CONSTRUCTION, IF THE CONTRACTOR UNCOVERS ANY CODE VIOLATION KNOWN TO HIM OR ANY DISCREPANCY WITH THE DESIGN, CONTRACTOR SHALL NOTIFY THE ARCHITECT OF SUCH IMMEDIATELY
- CONTRACTOR SHALL ASSEMBLE AND INSTALL MATERIALS/ PRODUCTS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND INDUSTRIAL/ASSOCIATION STANDARDS.

PROJECT DIRECTORY

TENANT / BUILDING OWNER:
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ARCHITECT:
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MECHANICAL/PLUMBING ENGINEER:
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PROJECT SUMMARY

JURISDICTION/AUTHORITY: CITY OF WOODSTOCK, GEORGIA

CODE DESIGN STANDARDS:
BUILDING: INTERNATIONAL BUILDING CODE, 2018 ED W/ GA AMENDMENTS
MECHANICAL: INTERNATIONAL MECHANICAL CODE, 2018 ED W/ GA AMENDMENTS
PLUMBING: INTERNATIONAL PLUMBING CODE, 2018 ED W/ GA AMENDMENTS
GAS: INTERNATIONAL FUEL GAS CODE, 2018 ED W/ GA AMENDMENTS
ELECTRICAL: NATIONAL ELECTRICAL CODE, 2020 ED
FIRE: INTERNATIONAL FIRE CODE, 2018 ED W/ GA AMENDMENTS
LIFE SAFETY: NFPA 101 LIFE SAFETY CODE, 2018 ED
ENERGY: 90.1 2013 ANSI/ASHRAE
ACCESSIBILITY: 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

SITE ZONING: DT-CBD
SITE AREA: .10 ACRES
PARCEL ID NUMBER: 15-1068-0042
LOT LOCATION: LAND LOT: 1068 DISTRICT: 15 SECTION: 2

CLIMATE ZONE: CLIMATE ZONE 3A

BUILDING DATA:
CONSTRUCTION TYPE: IIB (UNPROTECT)
SPRINKLERED/UNSPRINKLERED: UNSPRINKLERED
FIRE ALARM: TO BE PROVIDED

OCCUPANCY CLASSIFICATION: ASSEMBLY (A-2)
*BUILDING USES CLASSIFIED UNDER NON-SEPARATED OCCUPANCY PER 508.3

ALLOWABLE BUILDING AREA - PER STORY (506.2) 9,500 SF
-FRONTAGE INCREASE (506.2) <not used>
-SPRINKLER INCREASE (506.3) <not used>
TOTAL ALLOWABLE BUILDING AREA - PER STORY (EXISTING) 9,500 SF
ACTUAL GROSS BUILDING AREA - PER STORY (EXISTING) LEVEL 01 1,632 GSF
LEVEL 02 1,122 GSF
TOTAL (EXIST) 2,754 GSF

MAX ALLOWABLE BUILDING HEIGHT: 55'-0"
MAX DESIGNED HEIGHT: 24'-6" (EXISTING)
MAX NUMBER OF STORIES PERMITTED: 2
NUMBER OF STORIES PROPOSED: 2 (EXISTING)

MAX ALLOWABLE TRAVEL DISTANCE TO EXIT (12.2.6) 200'

BUILDING OCCUPANCY/LIFE SAFETY:
(SEE OCCUPANCY CALCULATIONS ON SHEET A0.1)

TENANT SPACE AREA: 2,754 GSF (EXISTING)
TOTAL INTERIOR OCCUPANT LOAD: 98 OCCUPANTS

PLUMBING FIXTURE REQUIREMENTS (1/75 M - 1/75 F)
[REQUIREMENTS PER TABLE 2902.1 - A-2 RESTAURANT CLASSIFICATION]
98 TOTAL OCCUPANTS = 49M / 49F

WATER CLOSET REQUIREMENTS (1/200 M - 1/200 F) 1M+1F REQ/1M+1F PROVIDED
LAVATORY REQUIREMENTS (1/200 M - 1/200 F) 1M+1F REQ/1M+1F PROVIDED
SERVICE SINK REQUIREMENTS (1 REQUIRED) 2 PROVIDED

ADDITIONAL PLUMBING FACILITIES NOTE:
MINIMUM CALCULATIONS DO NOT INCLUDE THE ADDITIONAL ADA UNISEX BATHROOM PROVIDED ON THE UPPER LEVEL WHICH PROVIDES AN ADDITIONAL WATER CLOSET AND LAVATORY FOR PUBLIC USE.

DRINKING FOUNTAIN NOTE:
FACILITY WILL PROVIDE DRINKING WATER IN A CONTAINER FREE OF CHARGE TO OCCUPANTS PER IPC 410.3 AS A PERMITTED SUBSTITUTION FOR DRINKING FOUNTAINS.

PROJECT DESCRIPTION

INTERIOR RENOVATIONS OF AN EXISTING VACANT BUILDING TO CONVERT IT FROM THE ORIGINAL MULTIPLE RETAIL AND OFFICE TENANTS INTO A NEW RESTAURANT. ALTERATIONS TO THE SPACE INCLUDE REMOVING EXISTING NON-HISTORIC STOREFRONT, WINDOWS AND SHUTTERS AND ALL EXISTING PARTITIONS AND PLUMBING ON THE UPPER LEVEL AND REPLACING WITH NEW MATERIALS. THE EXISTING REAR ROOF IS IN POOR REPAIR AND IS TO BE COMPLETELY REBUILT. NEW INTERIOR PARTITIONS, FINISHES, PLUMBING, ELECTRICAL, AND HVAC, INCLUDING KITCHEN EQUIPMENT AND EXHAUST HOODS, WILL BE PROVIDED.

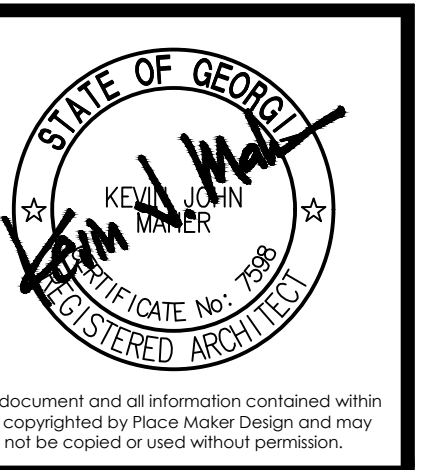
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ABBREVIATIONS

AB	ANCHOR BOLT	EXIST	EXISTING	OPT	OPTION(AL)
AC	AIR CONDITIONING	EXP	EXPOSED/EXPANSION	PCS	PIECES
ACT	ACOUSTIC CEILING TILE	FD	FLOOR DRAIN	PL	PLATE
ADA	AMERICAN DISABILITIES ACT	FE	FIRE EXTINGUISHER	PLYWD	PLYWOOD
ADJ	ADJACENT	FIN	FINISHED	PREFAB	PREFABRICATED
AFF	ABOVE FINISH FLOOR	FF	FINISH FLOOR	PSF	POUNDS PER SQUARE FOOT
AHU	AIR HANDLING UNIT	FRMG	FRAMING	PT	PAINT / PRESSURE TREATED
AL/ALUM	ALUMINUM	GA	GAGE	PTD	PAPER TOWEL DISPENSER/PAINTED
ANG	ANGLE	GALV	GALVANIZED	QT	QUARRY TILE
APPROX	APPROXIMATE	GYP	GYPSPUM	R	RIBER/RADIUS
ASPH	ASPHALT	H/C	HANDICAPPED	REBAR	REINFORCING BAR
BD	BOARD	HM	HOLLOW METAL	REF	REFERENCE
BOT	BOTTOM	HORIZ	HORIZONTAL	REINF	REINFORCE
CA	CONSTRUCTION ADMINISTRATOR	HP	HORSEPOWER	REQD	REQUIRED
CD	CEILING DIFFUSER	HVAC	HEAT, VENTILATION, AIR CONDITION	RO	ROUGH OPENING
CJ	CONTROL JOINT	INFO	INFORMATION	ROOF'G	ROOFING
CFM	CUBIC FEET PER MINUTE	INSUL	INSULATION	RPM	REVOLUTIONS PER MINUTE
CLG	CEILING	INT	INTERIOR	RTU	ROOFTOP UNIT
CLR	CLEAR	JB	JUNCTION BOX	SIM	SIMILAR
CMU	CONCRETE MASONRY UNIT	JOINT	JOINT	SPEC	SPECIFICATION
COL	COLUMN	KW	KILOWATT	SS	STAINLESS STEEL
CONC	CONCRETE	M	MIRROR	STD	STANDARD
CONT	CONTINUOUS	MAS	MASONRY	STL	STEEL
CPT	CARPET	MAX	MAXIMUM	STS	SELF TAPPING SCREWS
CT	CERAMIC TILE	MECH	MECHANICAL	STOR	STORAGE
C/L	CENTER LINE	MED	MEDIUM	TELE	TELEPHONE
CU	CONDENSING UNIT	MFR/MFR	MANUFACTURER	TTD	TOILET TISSUE DISPENSER
DBL	DOUBLE	MIN	MINIMUM	TYP	TYPICAL
DIA	DIAMETER	MO	MASONRY OPENING	VB	VINYL BASE/VAPOR BARRIER
DIM	DIMENSION	METL	METAL	VCT	VINYL COMPOSITION TILE
DN	DOWN	NA	NOT APPLICABLE	VERT	VERTICAL
DS	DOWN SPOUT	NTS	NOT IN CONTRACT	WC	WATER CLOSET
DWG	DRAWING	NO	NUMBER	WD	WOOD
EA	EACH	NOM	NOMINAL	WP	WATERPROOF
EJ	EXPANSION JOINT	NTS	NOT TO SCALE	WEM	WELDED WIRE MESH
ELEC	ELECTRICAL	OC	ON CENTER	WH	WATER HEATER
ELEV/EL	ELEVATION	OA	OUTSIDE AIR		
EQ	EQUAL	OPG	OPENING		
EWC	ELECTRICAL WATER COOLER	OPP	OPPOSITE		

REV #	DATE	DESCRIPTION



PLACE MAKER DESIGN
280 INTERSTATE NORTH CIRCLE SE
SUITE 510
ATLANTA, GEORGIA 30339
404.549.4499

ISSUE DATE: 06/30/2023
DRAWN BY: BJC
CHECKED BY: TMV
PHD PROJ.#: 23031

SHEET TITLE
COVER SHEET

SHEET # **A0.0**

FIRE EXTINGUISHER NOTE

FIRE EXTINGUISHERS ARE TO BE LOCATED PER NFPA 10 REQUIREMENTS. TRAVEL DISTANCE CANNOT EXCEED 75'. THERE IS TO BE A MINIMUM OF (1) EXTINGUISHER FOR EVERY 3,000 S.F.

MINIMUM OF (3) REQUIRED THIS BUILDING (2) ON MAIN FLOOR & (2) ON UPPER LEVEL. COORDINATE FINAL AND ANY ADDITIONAL LOCATIONS WITH FIRE MARSHAL HAVING JURISDICTION.

TYPICAL EXTINGUISHER (2 TOTAL): PROVIDE MIN. 2A:10B:C EXTINGUISHER AND INSTALL AT A MAXIMUM OF 48" ABOVE THE FINISHED FLOOR TO THE TOP OF THE HANDLE.

KITCHEN EXTINGUISHER: PROVIDE MIN. (1) CLASS K EXTINGUISHER IN EACH KITCHEN (2 TOTAL) AND INSTALL AT A MAXIMUM OF 48" ABOVE THE FINISHED FLOOR TO THE TOP OF THE HANDLE.

ACCESSIBLE SEATING NOTE

PER 2010 ADA STANDARDS AT LEAST 5% OF THE SEATING SPACES SHALL BE ACCESSIBLE PER SECTION 902.

MAIN LEVEL
41 TOTAL NUMBER OF SEATS SHOWN x .05 = 2.05 SEATS REQUIRED
3 SHOWN

UPPER LEVEL
45 TOTAL NUMBER OF SEATS SHOWN x .05 = 2.25 SEATS REQUIRED
3 SHOWN

THE MINIMUM NUMBER OF ACCESSIBLE LOCATIONS HAVE BEEN DEPICTED ON THE PLANS, BUT MORE ARE AVAILABLE, ESPECIALLY AT ALL STANDARD HEIGHT TABLE AND CHAIR LOCATIONS ON AISLES.

EGRESS AISLE NOTES

- PER NFPA 101, 2018 EDITION SECTION 12.2.5.8.2
"THE WIDTH OF AISLES SERVING SEATING AT TABLES SHALL NOT BE LESS THAN 44 IN WHERE SERVING AN OCCUPANT LOAD EXCEEDING 50, AND 36 IN, WHERE SERVING AN OCCUPANT LOAD OF 50 OR FEWER"
- AISLE ACCESSWAYS CALCULATED PER NFPA 101 - 2018 ED. SECTION 12.2.5.7
- 12" MIN CLEAR WIDTH, (NO MIN. WIDTH IF USED BY 4 OR LESS AND LESS THAN 6'-0" TRAVEL DISTANCE)
- MIN. WIDTH SHALL BE INCREASED BY 1/2" FOR EACH ADDITIONAL 12 IN. OR FRACTION THEREOF BEYOND 12'-0" AISLE ACCESSWAY LENGTH.
- PATH OF TRAVEL ALONG AISLE ACCESSWAY SHALL NOT EXCEED 36'-0"

OCCUPANCY CALCULATIONS - MAIN LEVEL

USE	SF	OCC/SF	OCCUPANCY
UNCONC. ASSEMBLY	476 SF	1/15 SF	(31.73) 41 SEATS*
KITCHEN (BAR)	744 SF	1/100 SF	7.44
TOTAL MAIN LEVEL OCCUPANCY			(48.44) 49 OCC

OCCUPANCY CALCULATIONS - UPPER LEVEL

USE	SF	OCC/SF	OCCUPANCY
UNCONC. ASSEMBLY	500 SF	1/15 SF	(33.33) 45 SEATS*
KITCHEN (BAR)	394 SF	1/100 SF	3.94
TOTAL UPPER LEVEL OCCUPANCY			(48.9) 49 OCC

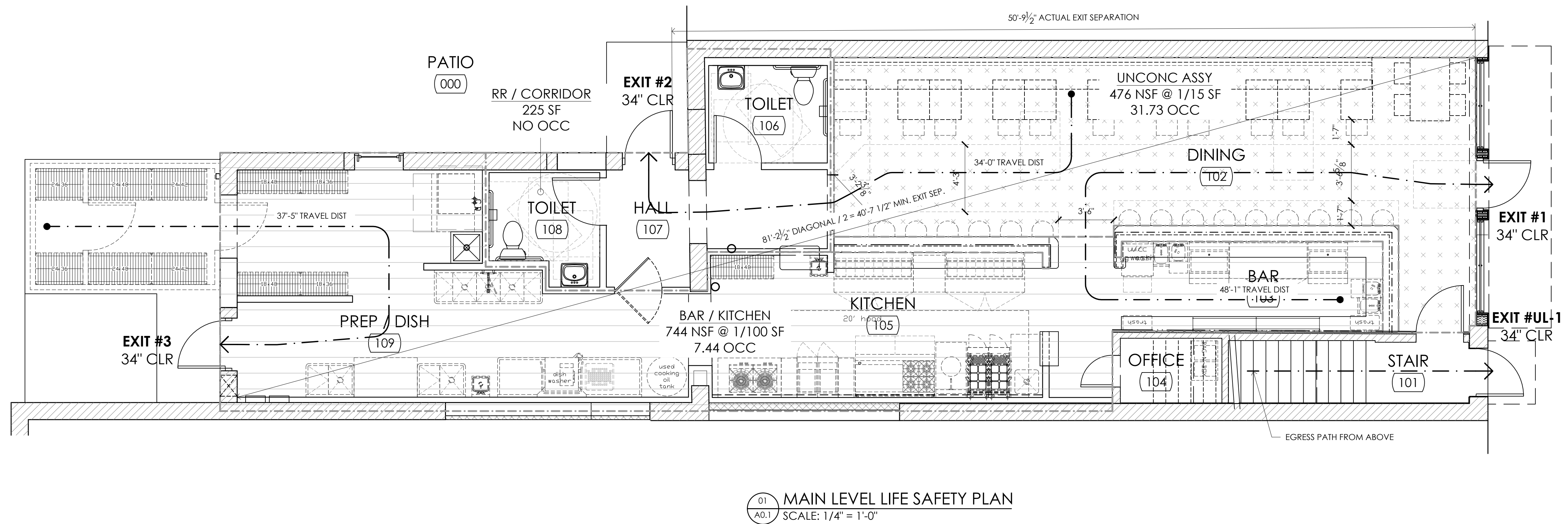
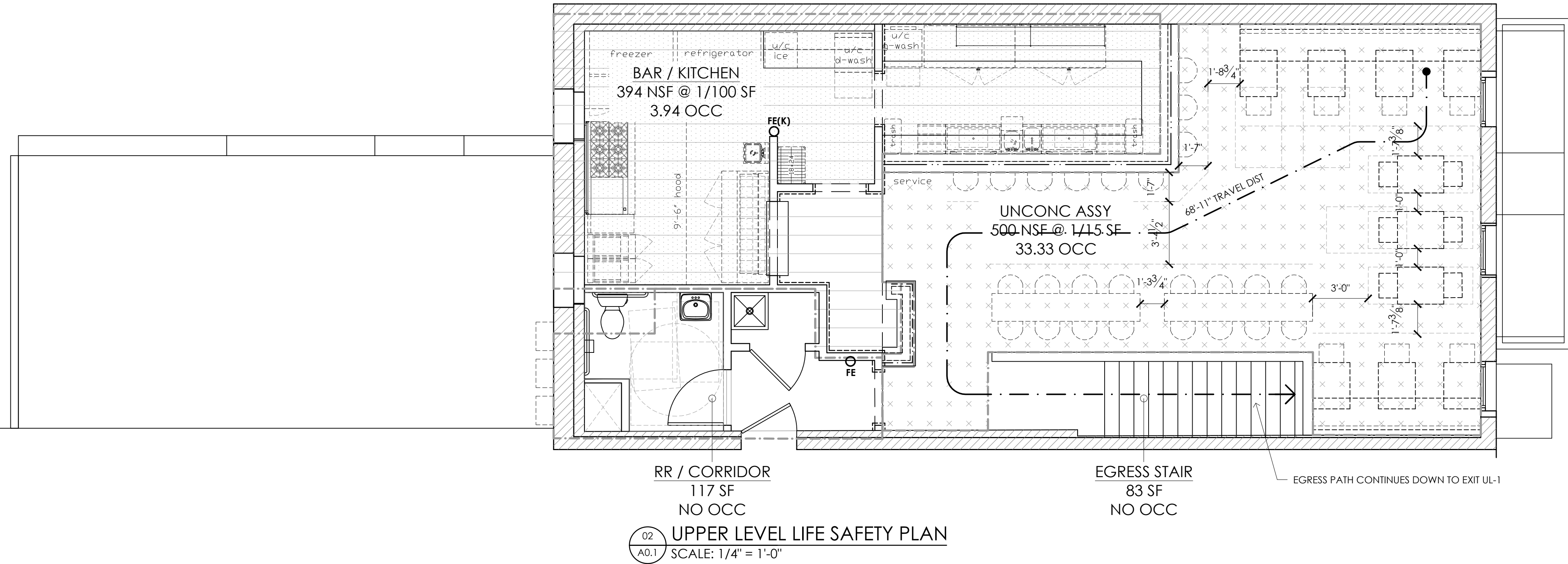
COMBINED TOTAL OCCUPANCY

LEVEL	OCCUPANCY
UPPER LEVEL	49
MAIN LEVEL	49
TOTAL PROJECT OCCUPANCY	98 OCC

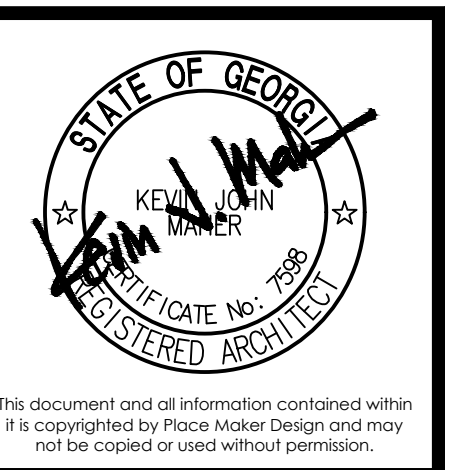
* OCCUPANCY SHOWN REFLECTS USING THE ACTUAL NUMBER OF SEATS PROVIDED VS. THE OCCUPANCY BY AREA (PER TABLE 7.3.1.2) AS ALLOWED BY 7.3.1.3.1

EGRESS REQUIREMENTS
UPPER LEVEL - 49 OCCUPANTS
1 MEANS OF EGRESS REQUIRED/1 PROVIDED
9.8' EGRESS WIDTH REQUIRED - 34' PROVIDED

MAIN LEVEL - 49 OCCUPANTS
1 MEANS OF EGRESS REQUIRED - 3 PROVIDED
9.8' EGRESS WIDTH REQUIRED - 102' PROVIDED



REV #	DATE	DESCRIPTION



PLACE MAKER DESIGN
280 INTERSTATE NORTH CIRCLE SE
SUITE 510
ATLANTA, GEORGIA 30339
404.549.4499

ISSUE DATE	08/30/2023
DRAWN BY	B.J.K.
CHECKED BY	T.M.V.
PND PROJ #	23031

LIFE SAFETY PLANS

A0.1

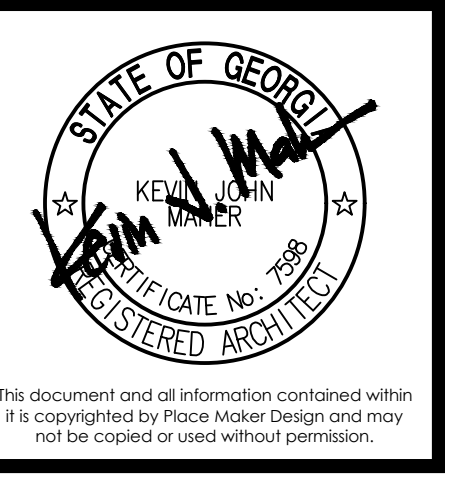


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INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAH STREET
WOODSTOCK, GEORGIA 30188



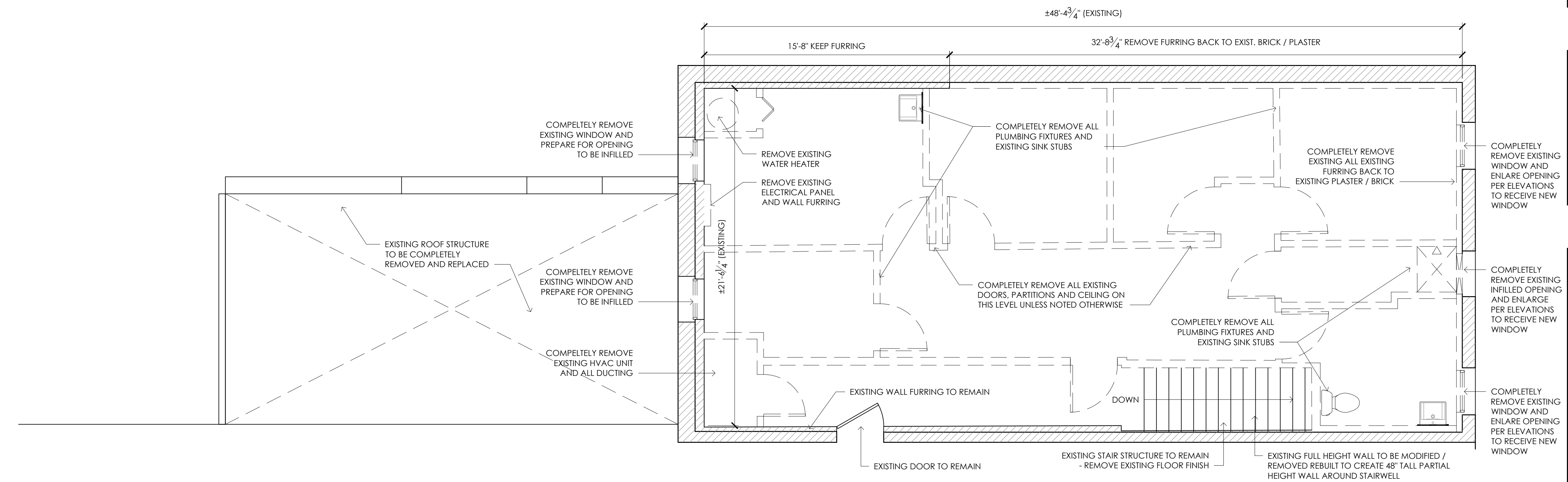
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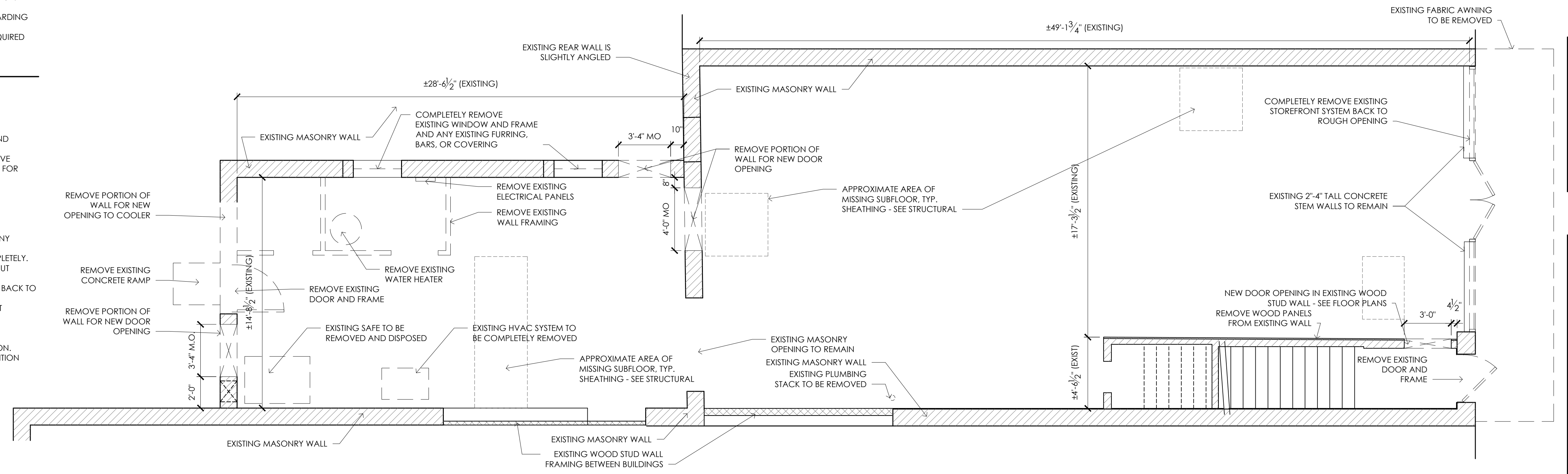
SHEET #

EXISTING / DEMOLITION PLANS

A1.0



02 UPPER LEVEL EXISTING / DEMOLITION PLAN
A1.0 SCALE: 1/4" = 1'-0"



01 MAIN LEVEL EXISTING / DEMOLITION PLAN
A1.0 SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

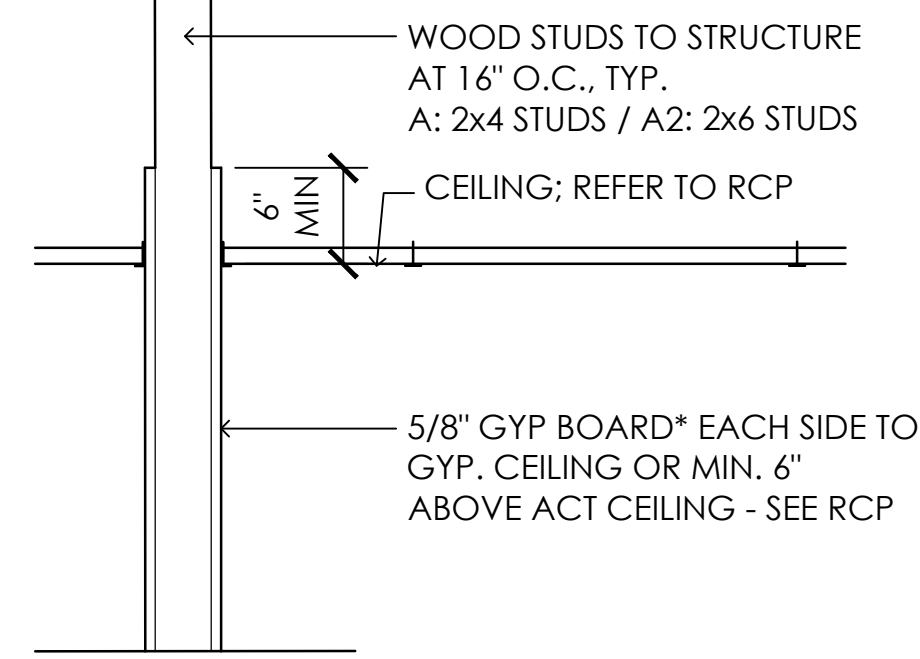
- GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND NOTIFY DESIGNER OF ANY DISCREPANCIES PRIOR TO COMMENCING DEMOLITION.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO FINISHES OR COMPONENTS NOT SCHEDULED FOR DEMOLITION. CONTRACTOR SHALL REPLACE ANY DAMAGED ITEMS OR REPAIR TO MEET OR EXCEED FORMER CONDITIONS.
- GENERAL CONTRACTOR TO CONSULT WITH OWNER REGARDING THE SALVAGE OF ANY REMOVED ITEM TO BE SAVED FOR RE-USE IN THE FUTURE.
- GENERAL CONTRACTOR MUST COMPLY TO ALL BUILDING OWNERS GUIDELINES AND SHALL TAKE MEASURES AS NECESSARY TO MINIMIZE NOISE, DIRT, AND DISRUPTION TO OCCUPIED SPACES ADJACENT TO AREAS OF DEMOLITION.
- GENERAL CONTRACTOR TO COORDINATE WITH ALL ENVIRONMENTAL GUIDELINES REGARDING CONTAMINATED ITEMS. ASBESTOS ABATEMENT SPECIFICALLY EXCLUDED.
- GENERAL CONTRACTOR RESPONSIBLE FOR SHORING EXISTING MASONRY WALLS AS REQUIRED DURING DEMOLITION / RECONSTRUCTION.

DEMOLITION SCOPE

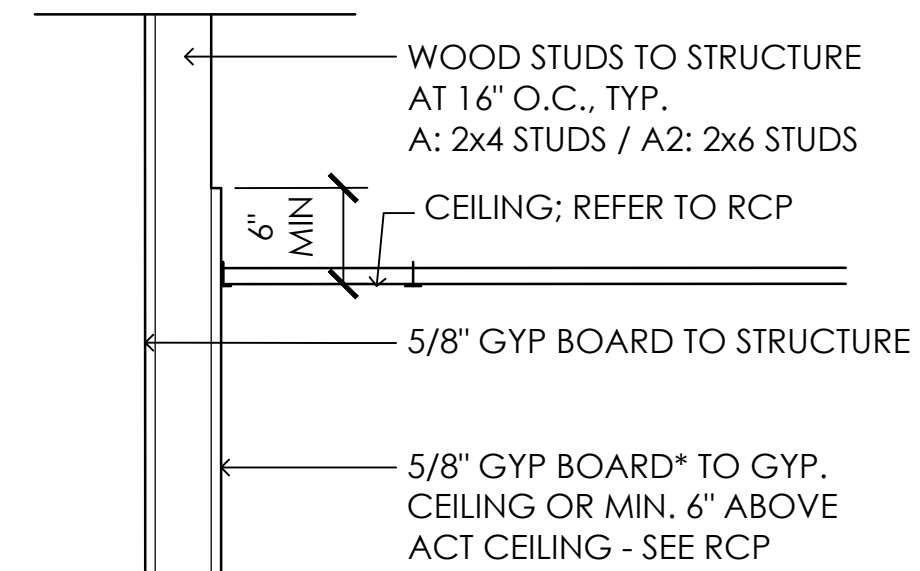
- THE SCOPE OF DEMOLITION OF THE EXISTING SPACE SHALL COVER:
- ALL ITEMS AS INDICATED ON DEMOLITION PLANS.
 - ANY REMAINING FORMER TENANT FIXTURES NOT MARKED FOR SALVAGE.
 - INTERIOR PARTITIONS, DOORS AND FRAMES SHOWN DASHED.
 - ALL INTERIOR WALL AND FLOOR FINISHES WITHIN OFFICE AREAS ON UPPER LEVEL.
 - FLOOR TILE REMOVAL SHALL INCLUDE HAVING ANY MORTAR REMOVED OR GROUND DOWN TO PROVIDE A SMOOTH SLAB CONDITION SUITABLE FOR NEW FINISH.
 - VINYL SHEET OR WOOD FLOORING REMOVAL SHALL INCLUDE HAVING ANY ADHESIVE REMOVED OR GROUND DOWN TO PROVIDE A SMOOTH SLAB CONDITION SUITABLE FOR NEW FINISH.
 - EXISTING FLOOR STRUCTURE HAS NUMEROUS AREAS OF MISSING SHEATHING. REFER TO STRUCTURAL DRAWINGS FOR FULL EXTENT OF REMOVAL / REPAIR OF FLOOR DECKS.
 - REMOVE ALL EXISTING ACT CEILINGS UNLESS NOTED OTHERWISE.
 - ALL EXISTING HVAC DUCTWORK TO BE COMPLETELY REMOVED.
 - ALL EXISTING PLUMBING FIXTURES SHALL BE REMOVED UNLESS SPECIFICALLY NOTED.
 - COORDINATE PLUMBING VENT REQUIREMENTS WITH PLUMBING DRAWINGS. REMOVE ANY UNNEEDED PENETRATIONS THROUGH THE ROOF.
 - ALL EXISTING SUPPLY PLUMBING NOT SCHEDULED FOR REUSE SHALL BE REMOVED COMPLETELY.
 - ALL EXISTING WASTE PLUMBING NOT SCHEDULED FOR REUSE SHALL BE REMOVED AND CUT DOWN TO THE LOWER LEVEL SLAB AND PLUGGED WITH A REMOVABLE PLUG.
 - EXISTING ELECTRICAL SERVICE IN EXISTING OFFICE AREAS TO BE REMOVED COMPLETELY BACK TO EXISTING PANELS - COORDINATE FULL EXTENT WITH ELECTRICAL DRAWINGS.
 - ALL EXISTING ELECTRICAL DEVICES AND LIGHTING INCLUDING ASSOCIATED WIRING NOT SCHEDULED FOR REUSE SHALL BE REMOVED BACK TO FORMER PANEL LOCATIONS.
 - CLEAN UP
 - REMOVE DEMOLISHED MATERIALS FROM SITE AS WORK PROGRESSES.
 - COORDINATE DUMPSTER REQUIREMENTS AND LOCATIONS WITH LOCAL JURISDICTION.
 - STRUCTURE IS TO BE LEFT IN BROOM FINISH CONDITION AT COMPLETION OF DEMOLITION ACTIVITIES.
 - ALL SURFACES TO BE PREPPED AS REQUIRED FOR APPROPRIATE NEW FINISH

WALL TYPE LEGEND

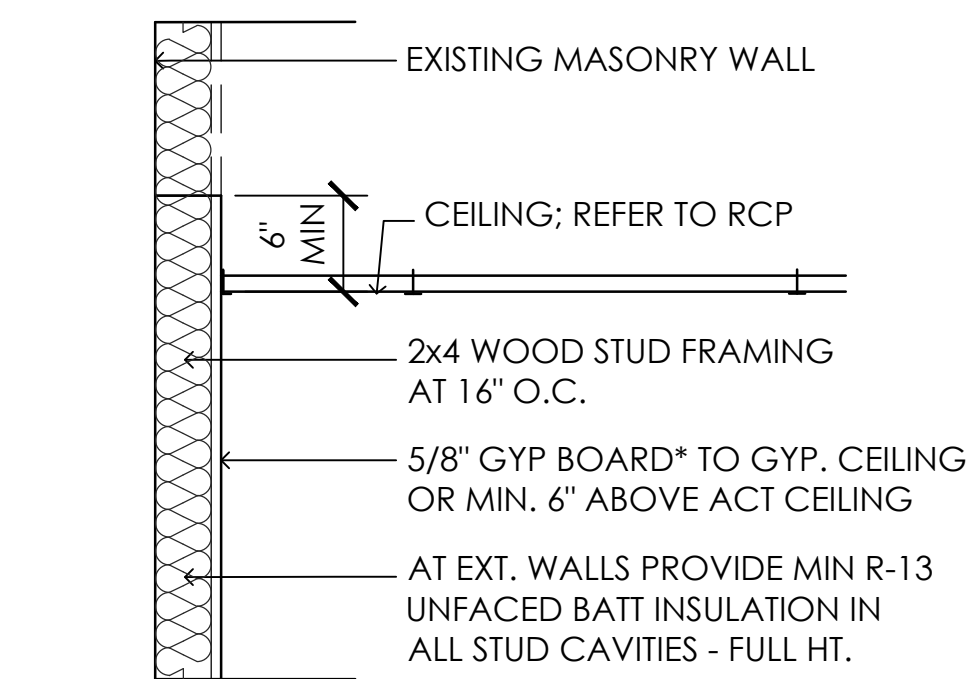
*PROVIDE MOISTURE RESISTANT GYP. BD. AT ALL RESTROOMS AND WITHIN 4'-0" OF MOP SINKS



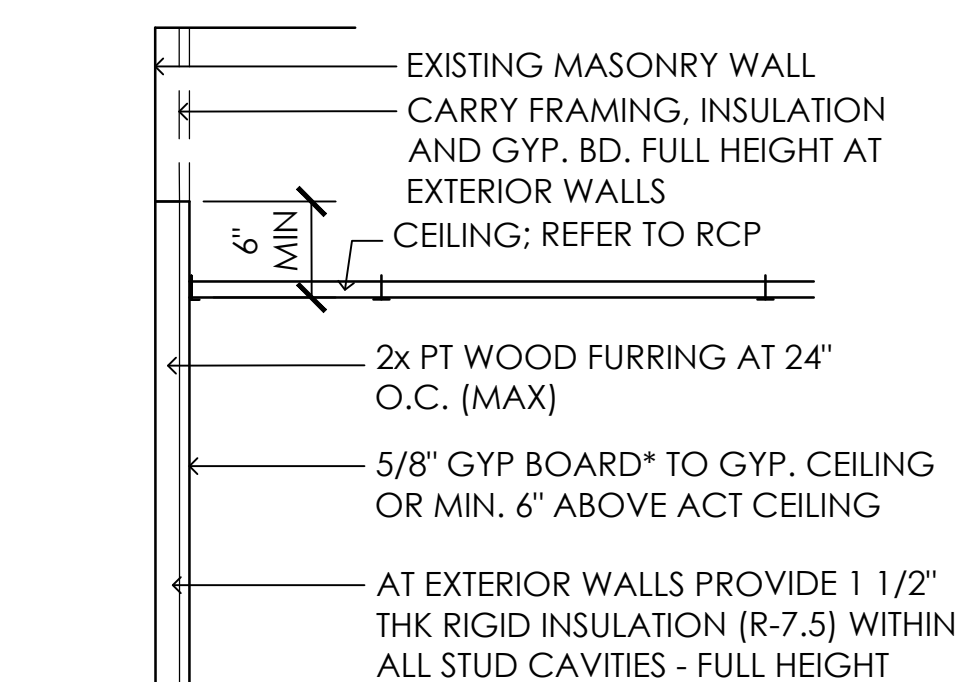
A NEW PARTITION WALL



B NEW PARTITION WALL



C FURRED WALL - THICK



D FURRED WALL - THIN

HARDWARE SCHEDULE

#	QTY	ITEM	MANUFACTURER	MODEL #	FINISH
1	2 PR	4 1/2"x4 1/2" NRP HINGES	STANLEY	FBB179 NRP B660P	US1D 622
	1	SINGLE CYL DEADBOLT CLOSER	SCHLAGE	LCN	PRIME
	2	CUSTOM DOOR PULLS	IVES	PEMCO	-
	1	SET WEATHERSTRIPPING	IVES	PEMCO	-
	1	THRESHOLD	IVES	PEMCO	-
2	1 1/2 PR	4 1/2"x4 1/2" NRP HINGES	STANLEY	FBB179 NRP B660P	US1D 622
	1	SINGLE CYL DEADBOLT CLOSER	SCHLAGE	LCN	PRIME
	2	CUSTOM DOOR PULLS	IVES	PEMCO	-
	1	SET WEATHERSTRIPPING	IVES	PEMCO	-
	1	THRESHOLD	IVES	PEMCO	-
3	1 1/2 PR	4 1/2"x4 1/2" HINGES	STANLEY	FBB179 NRP B660P	US1D 622
	1	CLASSROOM LOCKSET CLOSER	SCHLAGE	LCN	PRIME
	1	FLOOR STOP	IVES	PEMCO	-
	1	SMOKE SEAL	IVES	PEMCO	-
	1	WALL STOP	IVES	PEMCO	-
4	1 1/2 PR	4 1/2"x4 1/2" HINGES	STANLEY	FBB179 NRP B660P	US1D 622
	1	CLASSROOM LOCKSET	SCHLAGE	LCN	PRIME
	1	WALL STOP	IVES	PEMCO	-
	1	SET SILENCERS	IVES	PEMCO	-
	1	SET SILENCERS	IVES	PEMCO	-
5	1 1/2 PR	4 1/2"x4 1/2" HINGES	STANLEY	FBB191 ALX10 RHO B571 FS13 SR64	US4 606 606 US4
	1	PASSAGE LOCKSET	SCHLAGE	LCN	PRIME
	1	DEADBOLT w/ OCC	SCHLAGE	LCN	PRIME
	1	FLOOR STOP	IVES	PEMCO	-
	1	SET SILENCERS	IVES	PEMCO	-
6	1 1/2 PR	4 1/2"x4 1/2" NRP HINGES	STANLEY	FBB179 NRP B660P	US1D 622
	1	SINGLE CYL DEADBOLT CLOSER	SCHLAGE	LCN	PRIME
	2	CUSTOM DOOR PULLS	IVES	PEMCO	-
	1	SET WEATHERSTRIPPING	IVES	PEMCO	-
	1	THRESHOLD	IVES	PEMCO	-
7	SET	MANUF. STD. HARDWARE			
	1 1/2 PR	4 1/2"x4 1/2" NRP HINGES	STANLEY	FBB179 NRP B660P	US1D 622
	1	ENTRANCE LOCKSET	SCHLAGE	LCN	PRIME
	1	CLOSER	SCHLAGE	LCN	PRIME
	1	DOOR VIEWER	IVES	PEMCO	-
8	1 1/2 PR	4 1/2"x4 1/2" NRP HINGES	STANLEY	FBB179 NRP B660P	US1D 622
	1	CLASSROOM LOCKSET	SCHLAGE	LCN	PRIME
	1	FLOOR STOP	IVES	PEMCO	-
	1	SMOKE SEAL	IVES	PEMCO	-
	1	WALL STOP	IVES	PEMCO	-
9	1 1/2 PR	4 1/2"x4 1/2" NRP HINGES	STANLEY	FBB179 NRP B660P	US1D 622
	1	SINGLE CYL DEADBOLT CLOSER	SCHLAGE	LCN	PRIME
	2	CUSTOM DOOR PULLS	IVES	PEMCO	-
	1	SET WEATHERSTRIPPING	IVES	PEMCO	-
	1	THRESHOLD	IVES	PEMCO	-
10	1 1/2 PR	4 1/2"x4 1/2" NRP HINGES	STANLEY	FBB179 NRP B660P	US1D 622
	1	SINGLE CYL DEADBOLT CLOSER	SCHLAGE	LCN	PRIME
	2	CUSTOM DOOR PULLS	IVES	PEMCO	-
	1	SET WEATHERSTRIPPING	IVES	PEMCO	-
	1	THRESHOLD	IVES	PEMCO	-

DOOR SCHEDULE

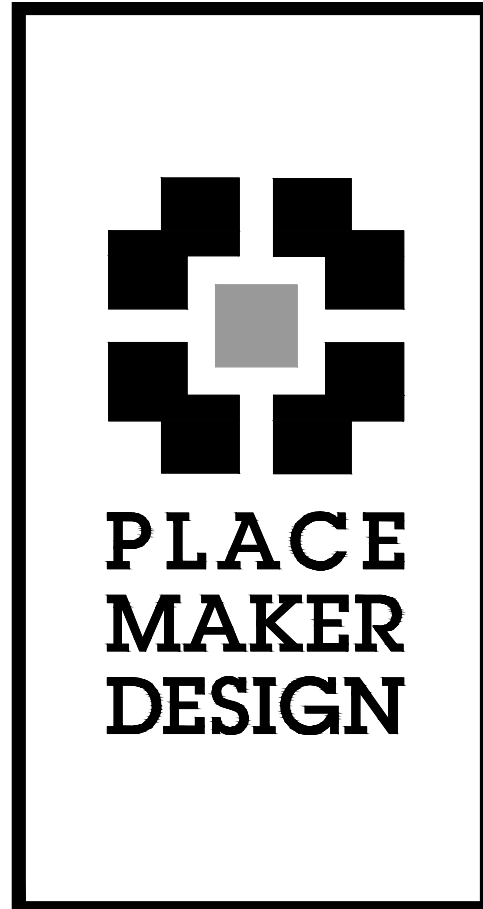
#	SIZE	LOCATION	DOOR MATERIAL	FINISH	FRAME MATL	FINISH	HDWARE	NOTES
EX	EXISTING	EXISTING	NO CHANGE					
01	3'-0"x8'-0" CO	MAIN ENTRY	SC WD & GLASS	ST-1	WOOD	PAINT	#1	NOTE #10
02	±3'-0"x7'-0"	STAIR ENTRY	SC WD & GLASS	ST-1	WOOD	P-4	#2	NOTES #8, 11
03	3'-0"x7'-0"	STAIR ACCESS	SC WOOD	ST-1	H.M.	P-3	#3	90 MIN RATED
04	±2'-0"x7'-0"	OFFICE CLOSET	SC WOOD	P-4	H.M.	P-4	#4	NOTE #8
05	3'-0"x7'-0"	TOILET (MAIN)	SC WOOD	ST-1	H.M.	P-3	#5	
06	3'-0"x8'-0"	PATIO ENTRY	SC WD & GLASS	ST-1	WOOD	PAINT	#6	
07	3'-0"x7'-0"	DBL ACTING	SC WOOD	ST-1	H.M.	PAINT	#7	NOTE #9
08	3'-0"x7'-0"	REAR ENTRY	INSUL. STEEL	PAINT	WOOD	PAINT	#8	NOTE #10
09	3'-0"x7'-0"	MOP (UPPER)	SC WOOD	ST-2	H.M.	P-7	#9	
10	3'-0"x7'-0"	TOILET (UPPER)	SC WOOD	ST-2	H.M.	P-7	#10	

DOOR NOTES

- ALL LATCHING DOORS TO HAVE LEVER TYPE HARDWARE.
- IF DOOR HAS BOTH A CLOSER AND A LATCH PROVIDE 12" CLEARANCE ON "PUSH" SIDE AND 18" ON "PULL" SIDE OF DOOR BETWEEN LEADING DOOR EDGE AND ADJACENT WALL SURFACE.
- THRESHOLDS AT DOORWAYS ARE NOT TO EXCEED 1/2" IN HEIGHT. PROVIDE VISIBLE FACTORY-APPLIED LABEL AT RATED DOORS & FRAMES (IF APPLICABLE).
- PROVIDE FLOOR OR WALL-MOUNTED DOOR STOPS AT SITUATIONS WHERE ADJACENT WALL SURFACES ARE IN DANGER OF BEING STRUCK BY DOOR OR DOOR HARDWARE.
- DOORS IN EXITS SHALL NOT BE SUBJECT TO THE USE OF A KEY FOR OPERATION FROM THE INSIDE OF THE BUILDING IN THE DIRECTION OF EGRESS.
- VERIFY ALL HARDWARE FINISH, KEYING AND LOCKING REQUIREMENTS w/ TENANT REPRESENTATIVE PRIOR TO ORDERING, INCLUDING CHANGES TO EXISTING DOORS TO REMAIN (REKEYING / ADDING DOOR VIEWER, ETC).
- NEW DOOR IN EXISTING ROUGH OPENING, G.C. TO CONFIRM SIZE WITH EXISTING CONDITIONS PRIOR TO ORDERING.
- DOUBLE ACTING DOOR TO BE ELIASON P-11 PLUS TYPE DOOR WITH 14"x14" VISION PANEL. FACTORY BLACK FINISH WITH PLATES SAME COLOR AS DOOR EXTERIOR DOOR BASIS OF DESIGN STAIN GRADE WOOD (VERIFY SPECIES WITH ARCHITECT) ROGUE VALLEY DOOR MODEL #1537
- EXTERIOR DOOR BASIS OF DESIGN STAIN GRADE WOOD (VERIFY SPECIES WITH ARCHITECT) ROGUE VALLEY DOOR - CUSTOM DOOR SIMILAR TO MODEL #7300-S WITH LITES ROTATED AS SHOWN IN EXTERIOR ELEVATIONS

GENERAL CONSTRUCTION NOTES

- DO NOT SCALE OFF DRAWINGS.
- GENERAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ALIGNMENTS, AND CENTERLINE NOTATIONS. ANY CONFLICT WITH FIELD CONDITIONS, DRAWINGS AND/OR TRADES SHALL BE REPORTED TO THE DESIGNER IMMEDIATELY UPON DISCOVERY FOR CLARIFICATION PRIOR TO PROCEEDING WITH ASSOCIATED WORK.
- GENERAL CONTRACTOR SHALL VISIT THE JOB SITE AND NOTIFY THE DESIGNER OR LANDLORD OF ANY PHYSICAL CONDITIONS NOT INDICATED IN THE CONSTRUCTION DOCUMENTS THAT WOULD REQUIRE CORRECTIVE ACTION PRIOR TO SUBMITTING A BID.
- ALL DIMENSIONS ARE TO FACE OF FINISH U.N.O.
- TO ENSURE STRUCTURAL STABILITY, PROVIDE BLOCKING PER AWI CUSTOM GRADE STANDARDS IN PARTITIONS AT ALL LOCATIONS WHERE MILLWORK, SHELVING, OR MISC. ITEMS ARE SUPPORTED BY PARTITION.
- INSULATING MATERIALS WHEN INSTALLED IN BUILDINGS OF ANY TYPE CONSTRUCTION SHALL COMPLY WITH THE LOCAL JURISDICTION & CODE. INSULATING MATERIALS, WHEN EXPOSED AS INSTALLED IN BUILDINGS OF ANY TYPE CONSTRUCTION, SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450 (AS PER CODE).
- UPON COMPLETION OF THE PROJECT THE CONTRACTOR SHALL CLEAN THE WORK SITE. DUST, DEBRIS, OILS, STAINS, FINGERPRINTS AND LABELS (EXCEPT UL LABELS) SHALL BE REMOVED FROM ALL EXPOSED SURFACES



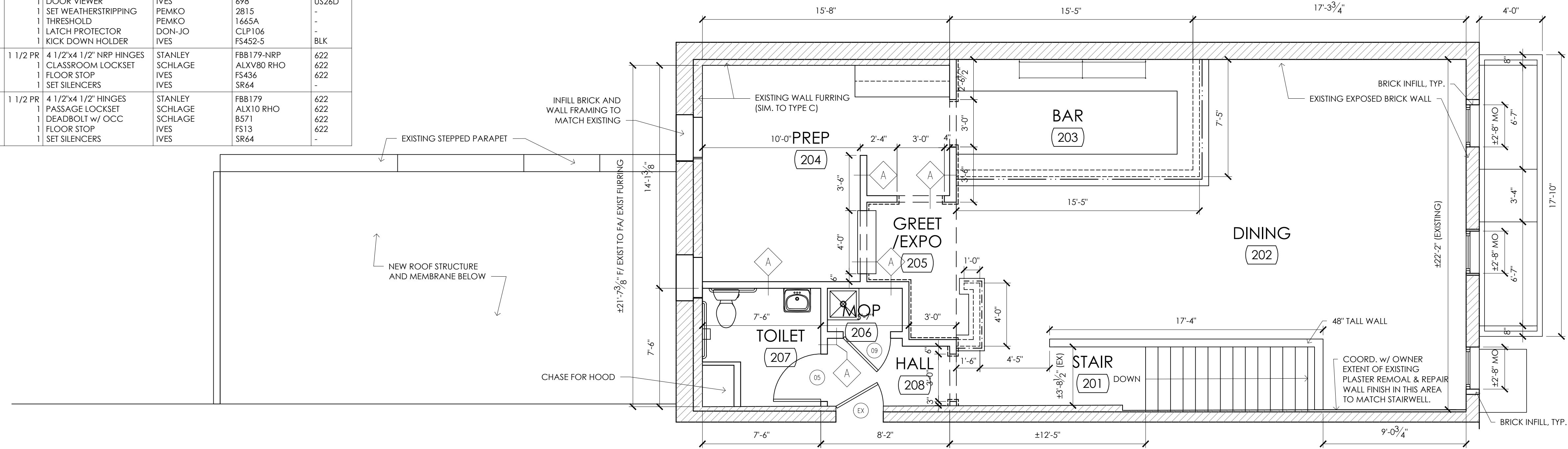
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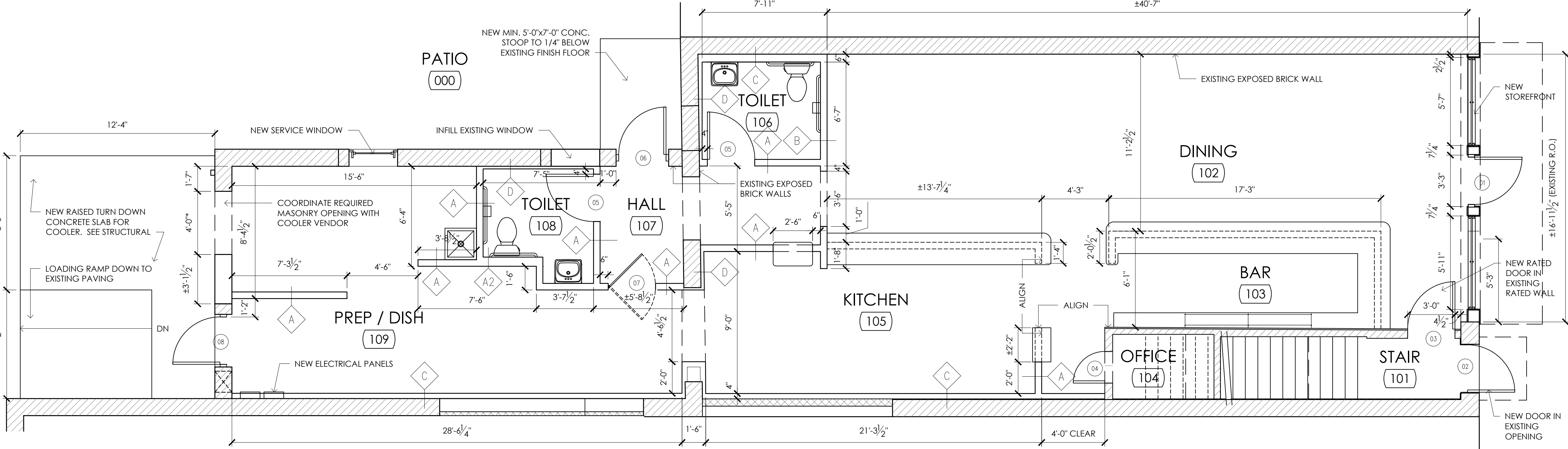
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PROD. PROJ. #	23031

FLOOR PLANS
SHEET # **A1.1**



02 UPPER LEVEL FLOOR PLAN
SCALE: 1/4" = 1'-0"



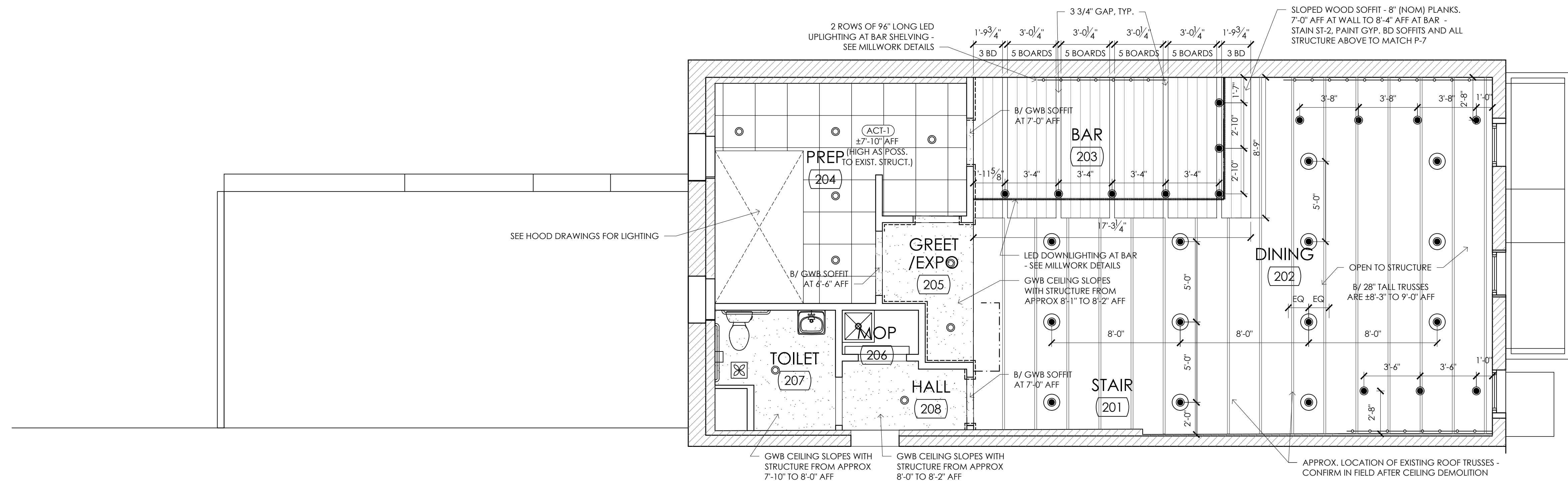
01 MAIN LEVEL FLOOR PLAN
SCALE: 1/4" = 1'-0"

LIGHTING SYMBOL LEGEND

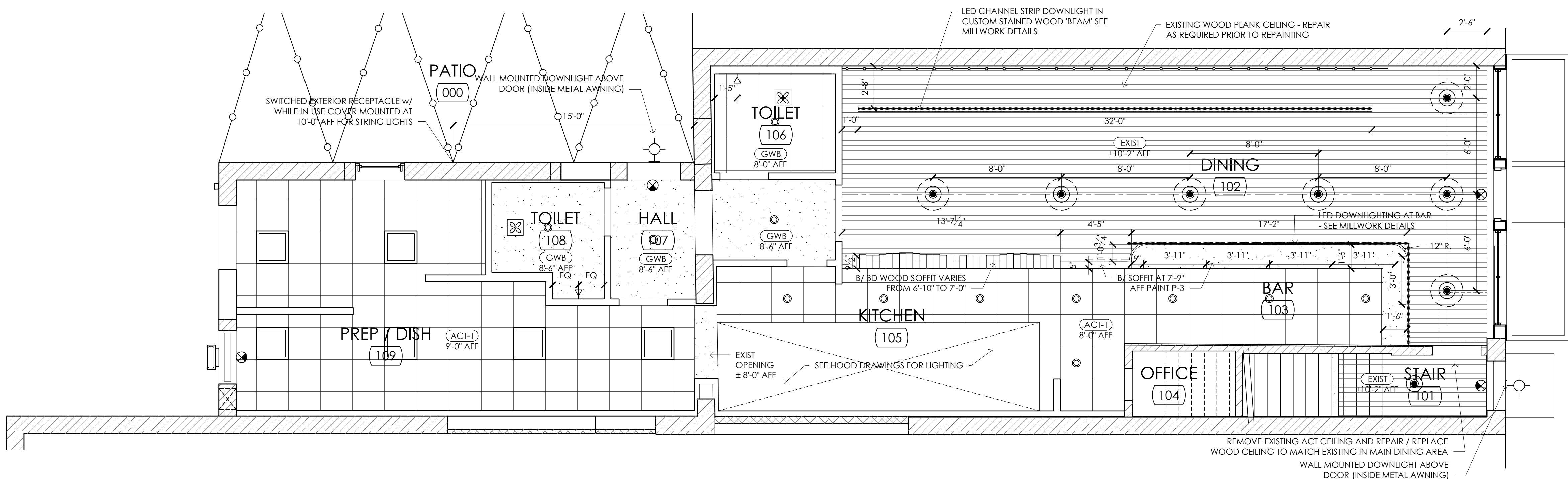
- 2X2' FLAT LENSED LAY-IN LED LIGHT FIXTURE - H.E. WILLIAMS LPT-22-L45-835-SA12125
- 6" DIA RECESSED LED LIGHT FIXTURE. PROVIDE CLEAR SEMI-SPECULAR REFLECTOR W/ WHITE TRIM RING H.E. WILLIAMS 60R-TL-L20/835-DIM1-UNV-OV-OF-CS-MWT-N-F1
- 24" WIDE CORD MOUNT PENDANT (MAIN LEVEL ONLY) DAINOLITE 'POSEIDON' 24" WIDE - AGED BRASS CANOPY, BLACK CORD, WHITE & GOLD SHADE BOTTOM OF FIXTURE AT 8'-0"
- PENDANT LIGHT - GENERAL LIGHTING w/ FIXED DROP CDS LIGHTING 'FLOWERS PENDANT' #FLOWERS-B-BK-USV w/ (3) E26 DIMMABLE 2700K LED EDISON BULBS (MIN 500 LUMENS) INSTALL TO CEILING IN STAIR AND TO UNDERSIDE OF ROOF DECK CENTERED BETWEEN EXISTING ROOF TRUSSES ON UPPER LEVEL
- PENDANT FIXTURE - BAR LIGHTING - MAIN LEVEL BOTTOM OF FIXTURE AT 5'-6" AFF SHADES OF LIGHT 'MODERN MIDAS' #PE19127 w/ E26 DIMMABLE 2700K LED EDISON BULB (MIN 500 LUMENS)
- WALL MOUNTED LIGHTED MIRROR - WELFOR 'LUKY' 24"x32" ALUMINUM FRAMED DIMMABLE BATHROOM VANITY MIRROR - BRUSHED GOLD FINISH ON MAIN FLOOR, MATTE BLACK FINISH ON UPPER LEVEL
- LED EXIT SIGN (SHADED PORTION POINTS TO EXIT DIRECTION) SEE ELECTRICAL
- WALL MOUNTED EXTERIOR DOWNLIGHT CL OF J BOX AT 9'-4" AFF CENTERED OVER DOOR KICHLER #11077AZT
- PENDANT FIXTURE - BAR LIGHTING - UPPER LEVEL LEVEL BOTTOM OF BULB AT 5'-6" AFF GLOBE ELECTRIC - EXPOSED BULB MINI PENDANT BLACK #64906 w/ NEXT GLOW E26, 4W, 2200K T80 STYLE / PILLAR LED BULB
- LED CHANNEL - DOWNLIGHTING AT BAR LEVEL
- LED CHANNEL - UPLIGHTING

REFLECTED CEILING PLAN NOTES

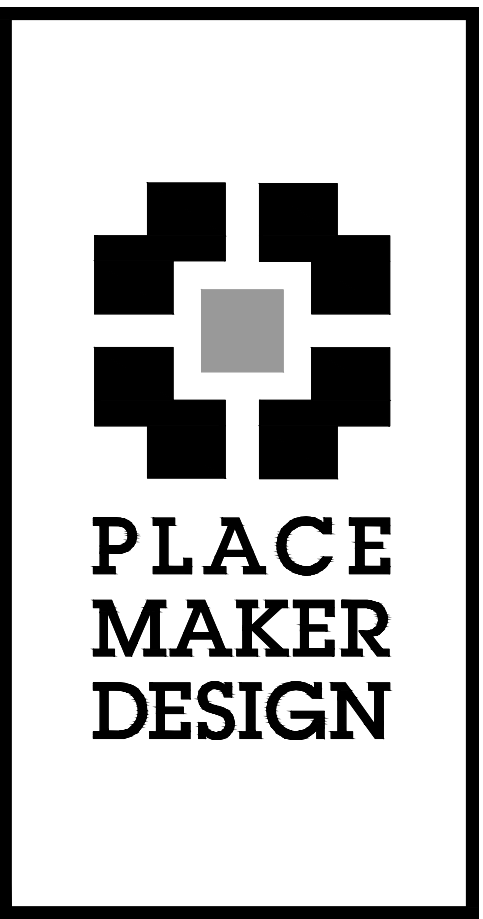
1. SEE SHEET A5.1 FOR CEILING TYPES
2. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE REQUIREMENTS IN CONJUNCTION WITH ANY DRAWINGS.
3. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL FIXTURE LOCATIONS. ANY CONFLICT WITH FIELD CONDITIONS, DRAWINGS AND/OR TRADES SHALL BE REPORTED TO THE DESIGNER IMMEDIATELY UPON DISCOVERY FOR CLARIFICATION PRIOR TO PROCEEDING WITH ASSOCIATED WORK. PROVIDE AND INSTALL CEILING TILE, MAIN TEES, CROSS TEES, WALL MOLDINGS AND ALL OTHER ACCESSORIES NECESSARY TO COMPLETE THE SCOPE OF WORK
4. PROVIDE AND INSTALL ILLUMINATED EXIT LIGHTING PER CODE.
5. PROVIDE AND INSTALL EMERGENCY LIGHTING PER CODE TO MAINTAIN ILLUMINATION OF THE MEANS OF EGRESS (NOT LESS THAN ONE (1) FOOT CANDLE FOR A PERIOD OF 1 1/2 HOURS) IN THE EVENT OF POWER FAILURE OF NORMAL LIGHTING. EMERGENCY LIGHTING SHALL BE INCORPORATED INTO THE LIGHT FIXTURES AND LOCATED ABOVE THE CEILING.
6. ALL ADJACENT LIGHT SWITCHES SHALL BE GANGED WITHIN A SINGLE FACEPLATE.
7. BALANCE AIR DISTRIBUTION SYSTEMS. GENERAL CONTRACTOR TO SUBMIT A REPORT FROM A QUALIFIED BALANCING SERVICE UPON COMPLETION OF CONSTRUCTION.
8. ALL RECESSED LIGHT FIXTURES SHALL BE CENTERED IN CEILING TILES WHERE POSSIBLE, U.N.O.
9. NO SUBSTITUTIONS WILL BE ACCEPTED FOR ANY LIGHT FIXTURE SPECIFICATIONS UNLESS APPROVED BY DESIGNER IN WRITING.
10. GENERAL CONTRACTOR WILL ENSURE THAT LENSES IN LIGHTING FIXTURES ARE CLEAN AND FREE OF DUST, DIRT, AND SMUDGES. PLASTIC AND LABELS SHALL BE REMOVED FROM ALL LIGHT FIXTURES AT PROJECT COMPLETION.
- 11.



02 UPPER LEVEL REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



01 MAIN LEVEL REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188



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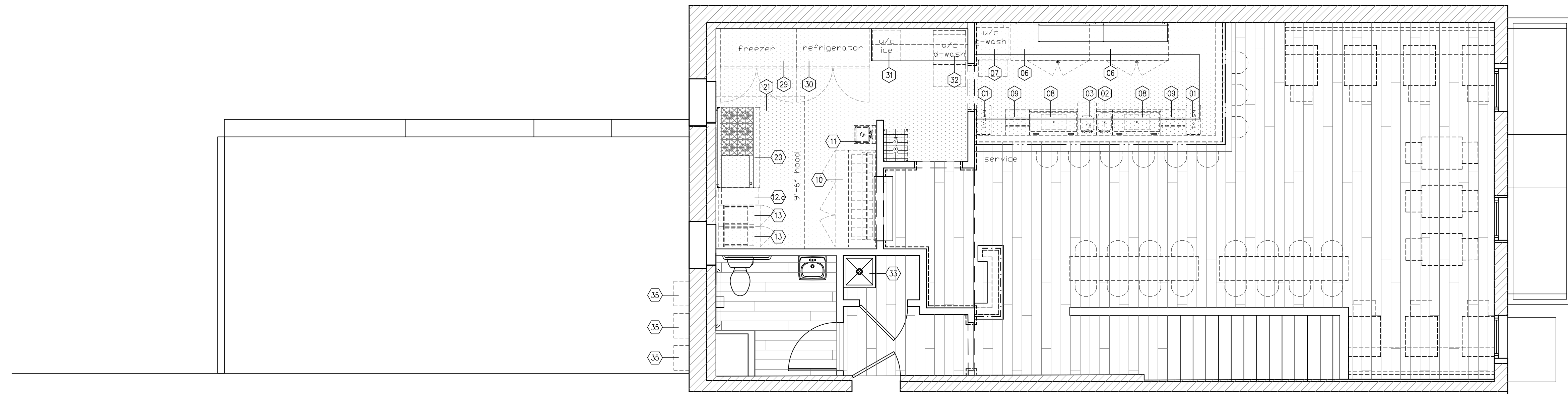
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REFLECTED CEILING PLANS

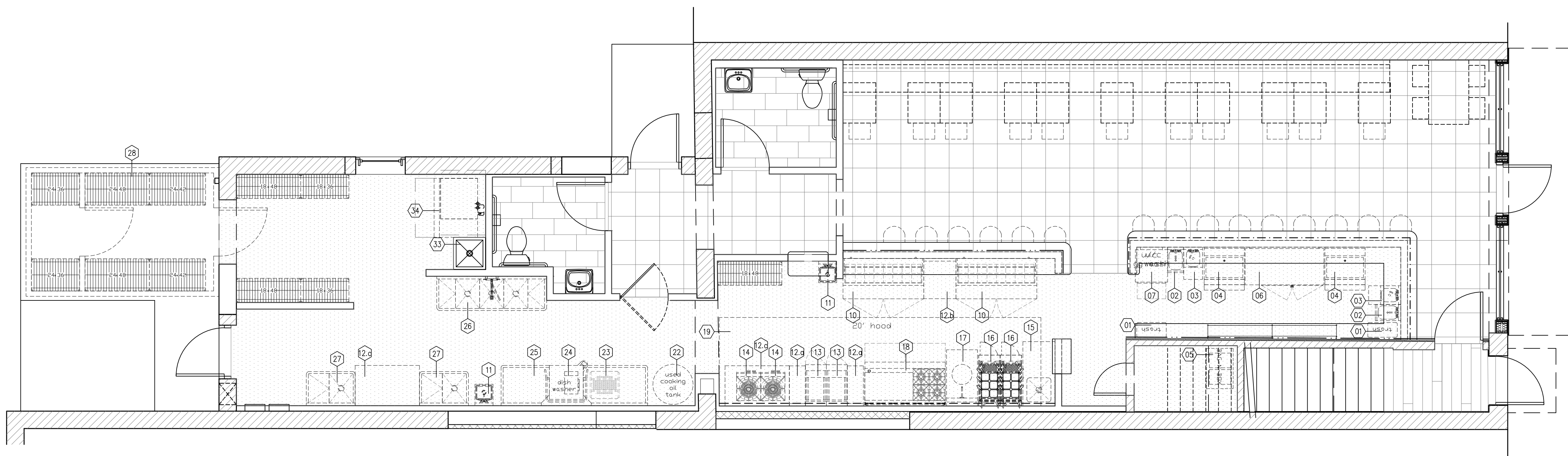
SHEET # **A1.2**

EQUIPMENT SCHEDULE

#	DESCRIPTION	MFG/MODEL	NOTES
01	TRASH BIN		
02	UNDERBAR HAND SINK	KROWNE KR19-1C-E	
03	BLENDER DUMP SINK	KROWNE KR24-14BD	
04	ICE BIN: 30" LONG, 19" DEEP	KROWNE KR19-30-10	w/ COLD PLATE & SPEED RAIL
05	BAG-N-BOX		BY VENDOR
06	BACK BAR COOLER	TRUE T8B-2G-HC-LD	
07	GLASS WASHER	KROWNE GWH-24	BY VENDOR
08	ICE BIN: 36" LONG, 19" DEEP	KROWNE KR19-36-10	w/ COLD PLATE
09	3 STEP RAISED LIQUOR DISPLAY	KROWNE KR19-18RD	
10	SANDWICH PREP TABLE	TRUE TSSU-72-18-HC	
11	WALL MOUNTED HAND SINK	KLINGERS TRADING SPHS-1000	
12.a	STAINLESS STEEL WORK TABLE - 12'x30"		
12.b	STAINLESS STEEL WORK TABLE - 24'x30"		
12.c	STAINLESS STEEL WORK TABLE - 48'x30"		
13	FRYER	FRYMASTER GF-40	GAS
14	STOCK POT RANGE	TURBO AIR TASP-18S	GAS
15	WORK TABLE WITH SINK	TURBO AIR TASP-18S	GAS
16	PASTA COOKER	JADE PRODUCTS JIPC-16	GAS
17	CHINESE WOK RANGE	GSW ARE-1-13	GAS
18	60" RESTAURANT RANGE (4 BURNER, 36" GRIDDLE, 2 OVEN)	TURBO AIR TARG-4B36G	GAS
19	20' EXHAUST HOOD		BY VENDOR
20	60" RESTAURANT RANGE (6 BURNER, 24" GRIDDLE, 2 OVEN)	TURBO AIR TARG-6B24G	GAS
21	9'-6" EXHAUST HOOD	TURBO AIR TARG-6B24G	BY VENDOR
22	USED COOKING OIL TANK		BY VENDOR
23	SOILED DISHTABLE	KLINGER'S TRADING SDT48L	w/ KROWNE #17-202WL PRE-RINSEASSEMBLY
24	DISHWASHER	JACKSON WWS CONSERVER XL-E	w/ KROWNE #17-202WL PRE-RINSEASSEMBLY
25	CLEAN DISHTABLE	LINGER'S TRADING CDT36R	
26	3 COMPARTMENT SINK	KLINGER'S TRADING EC32D	w/ KROWNE #17-109WL PRE-RINSE/FAUCET
27	SINGLE COMPARTMENT SINK (1 MEAT PREP / 1 VEG. PREP)	KLINGER'S TRADING ECS1DR	w/ KROWNE #17-109WL PRE-RINSE/FAUCET
28	WALK-IN COOLER/FREEZER		
29	REACH IN FREEZER	TRUE T-49F-HC	
30	REACH IN REFRIGERATOR	TRUE T-49-HC	
31	UNDERCOUNTER ICEMAKER	ICEIRO AMERICA WU-0100-AC	w/ ICEPRO 800 FILTER
32	UNDERCOUNTER DISHWASH	JACKSON WWS DISHSTAR HT-E	
33	MOP SINK		
34	ICE MAKER w/ BIN	HOSHIZAKI KM-1601MRJZ3	w/ B-700SF (700#) BIN
35	TANKLESS WATER HEATER (EXTERIOR MOUNT)		



02 UPPER LEVEL EQUIPMENT PLAN
A1.4 SCALE: 1/4" = 1'-0"



01 MAIN LEVEL EQUIPMENT PLAN
A1.4 SCALE: 1/4" = 1'-0"

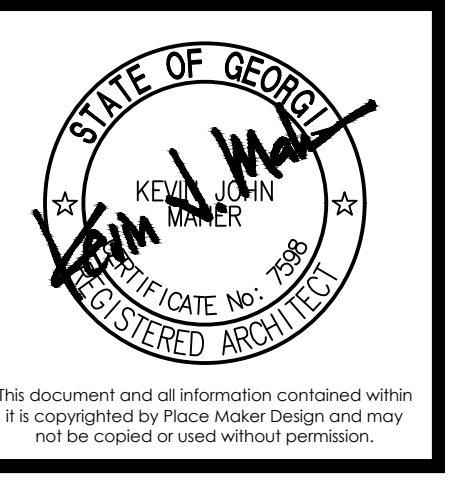


REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188



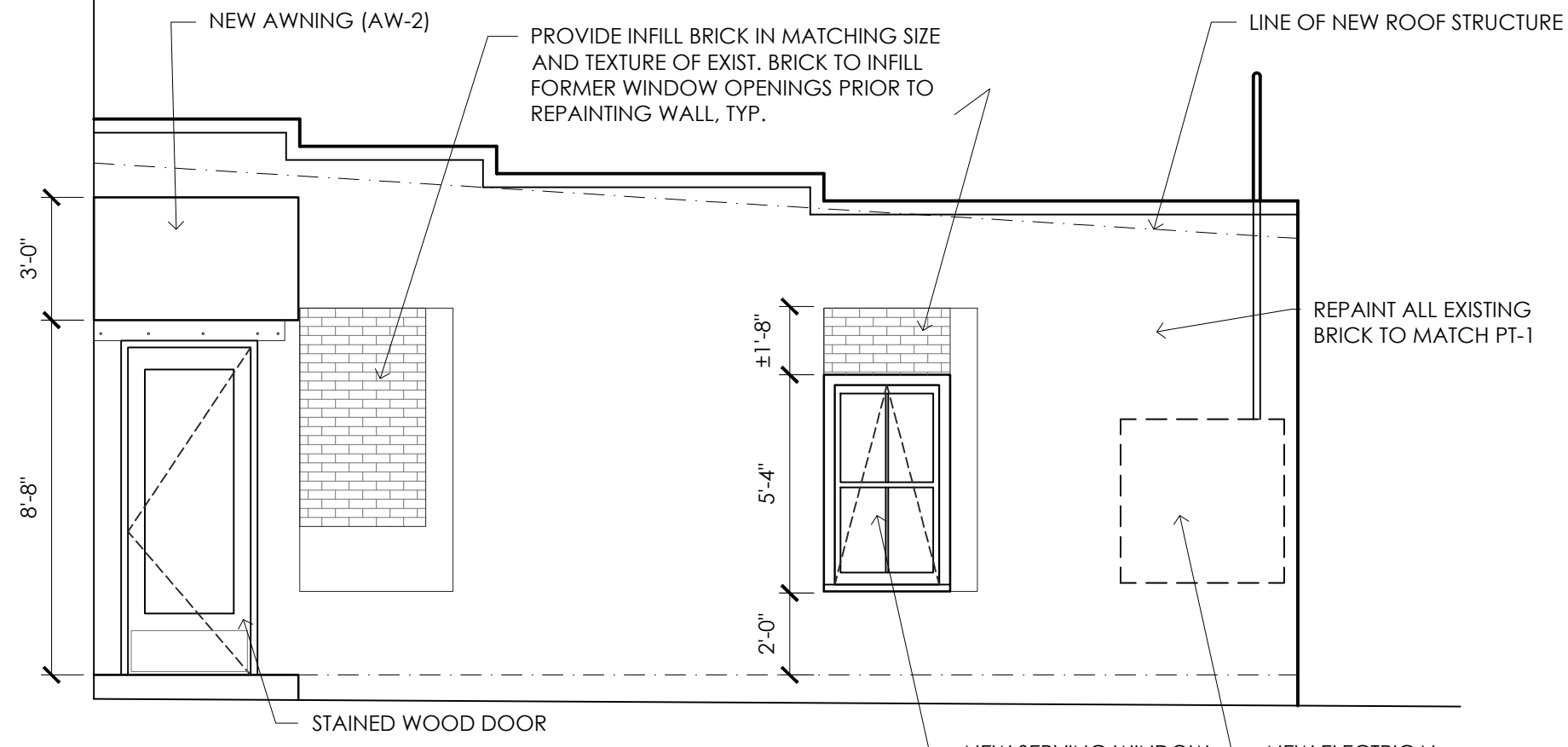
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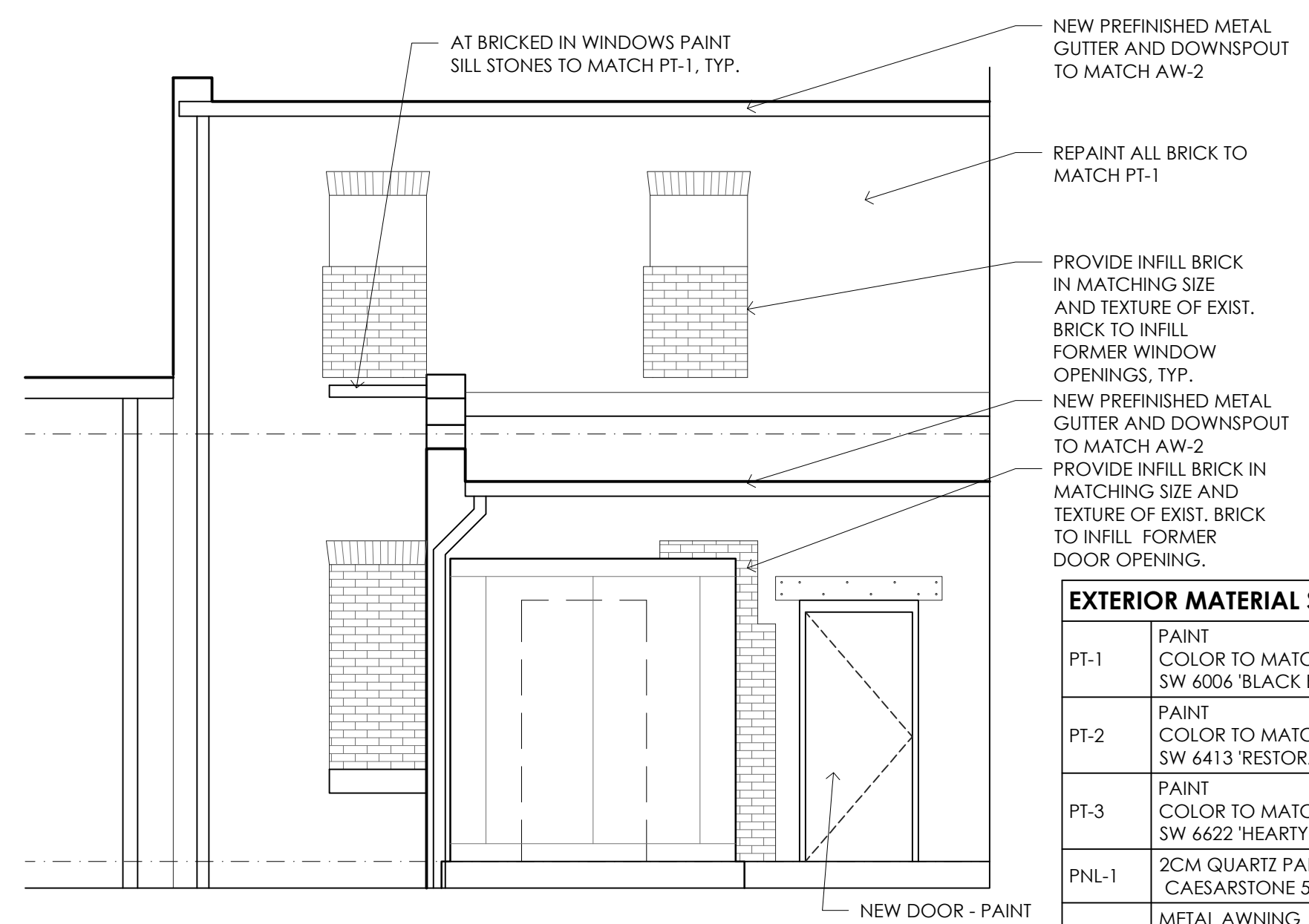
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EQUIPMENT PLANS

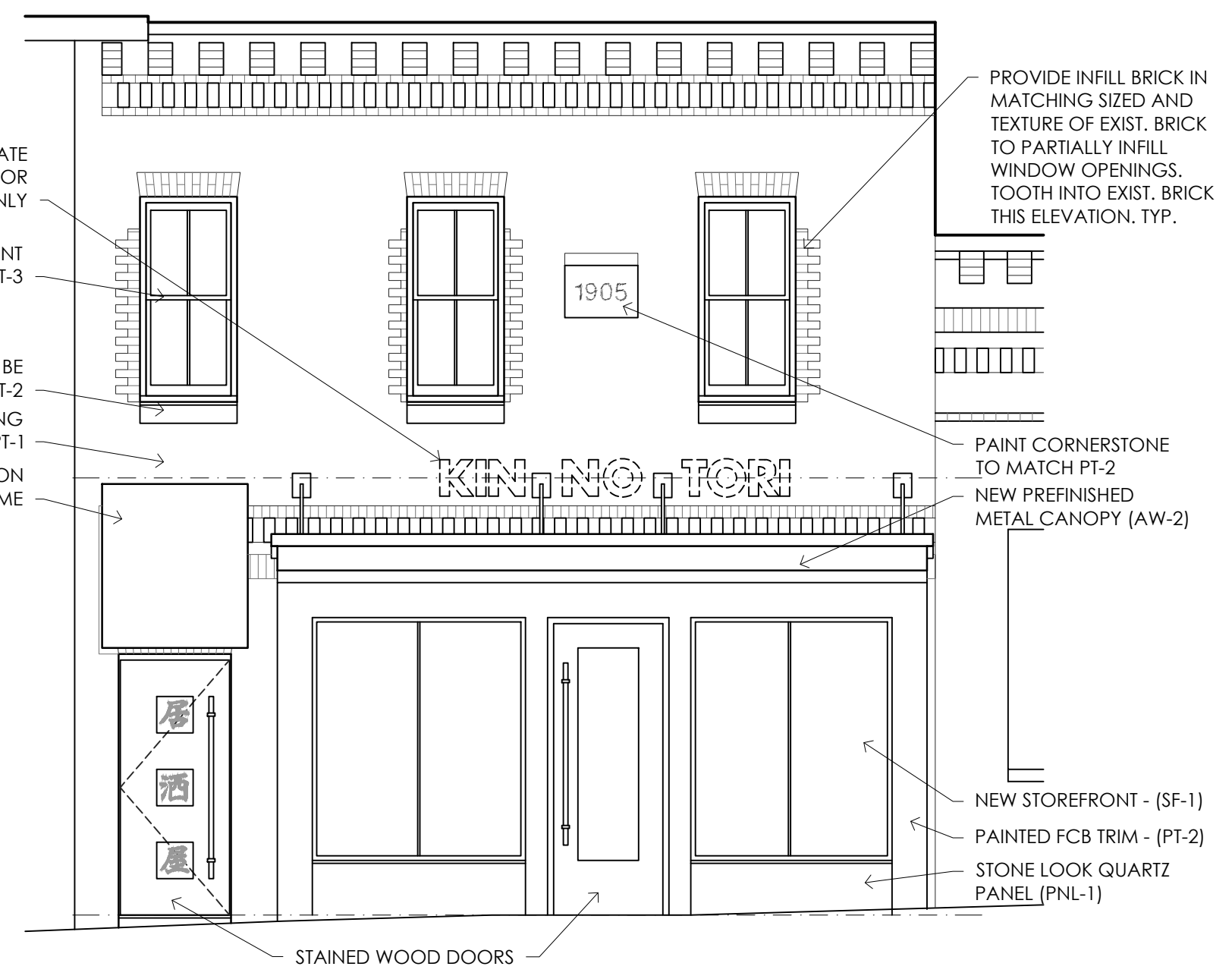
A1.4



09 PROPOSED NORTH ELEVATION
SCALE: 1/4" = 1'-0"

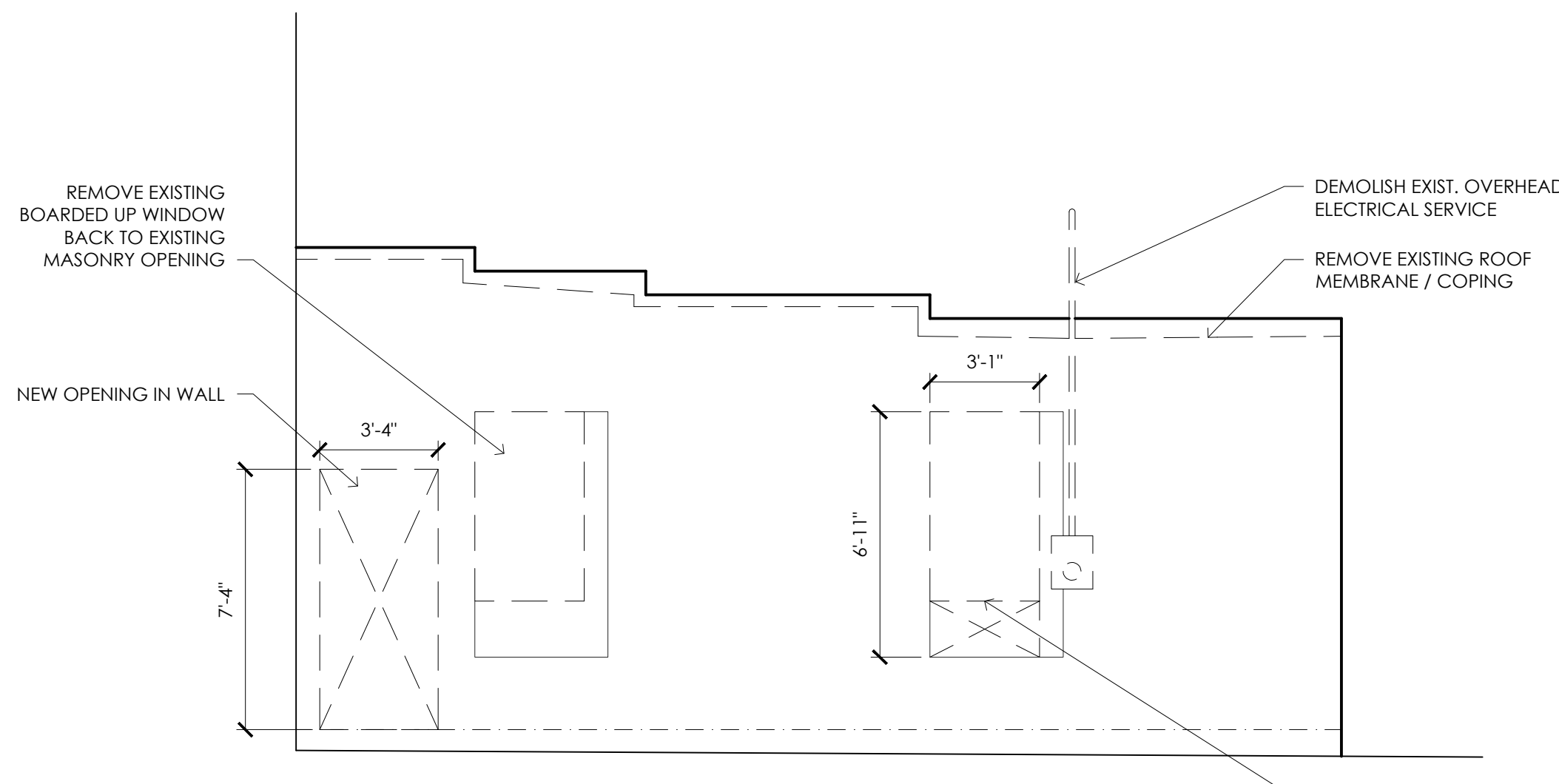


06 WALL STREET PROPOSED ELEVATION
SCALE: 1/4" = 1'-0"

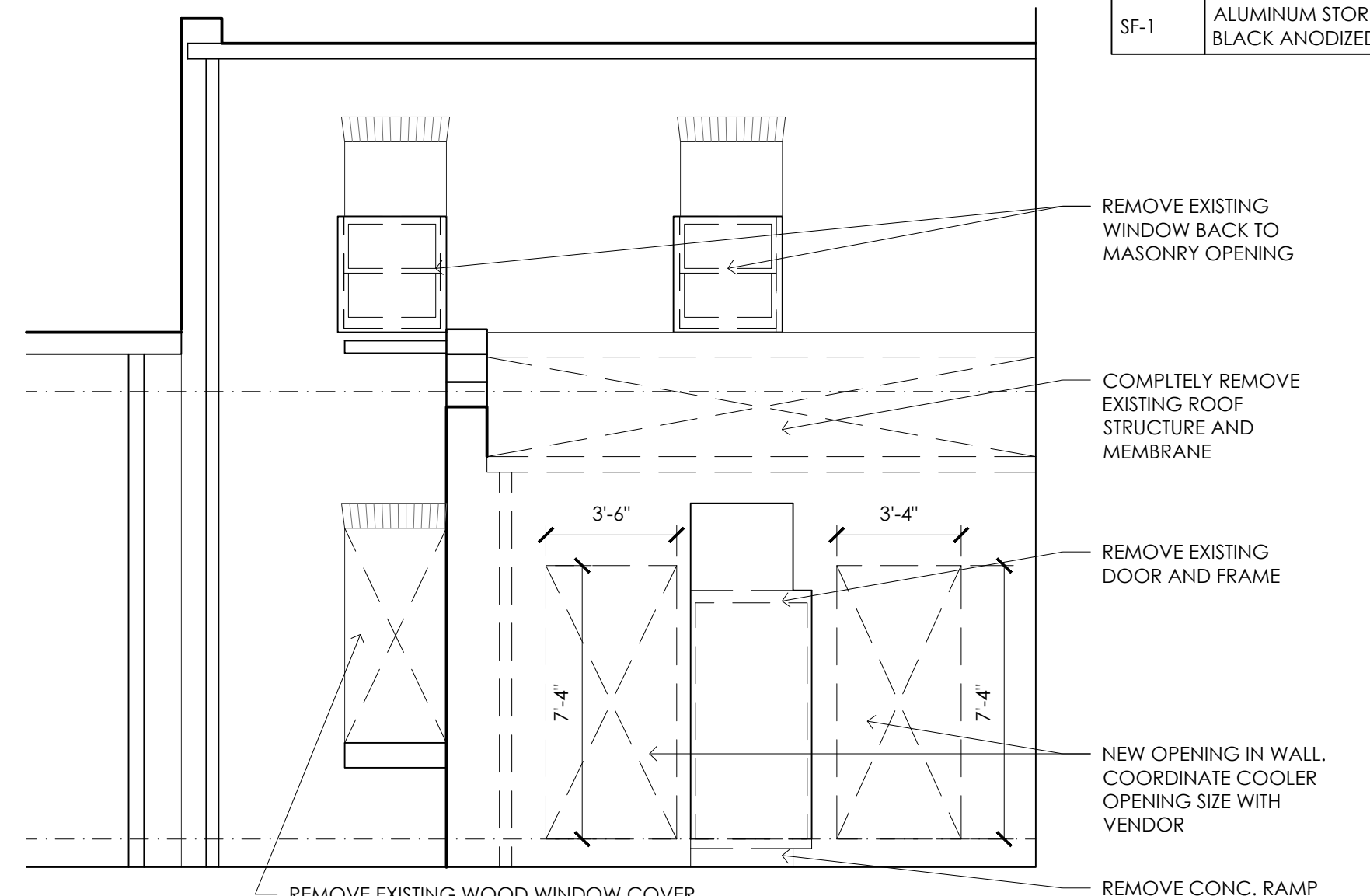


03 MAIN STREET PROPOSED ELEVATION
SCALE: 1/4" = 1'-0"

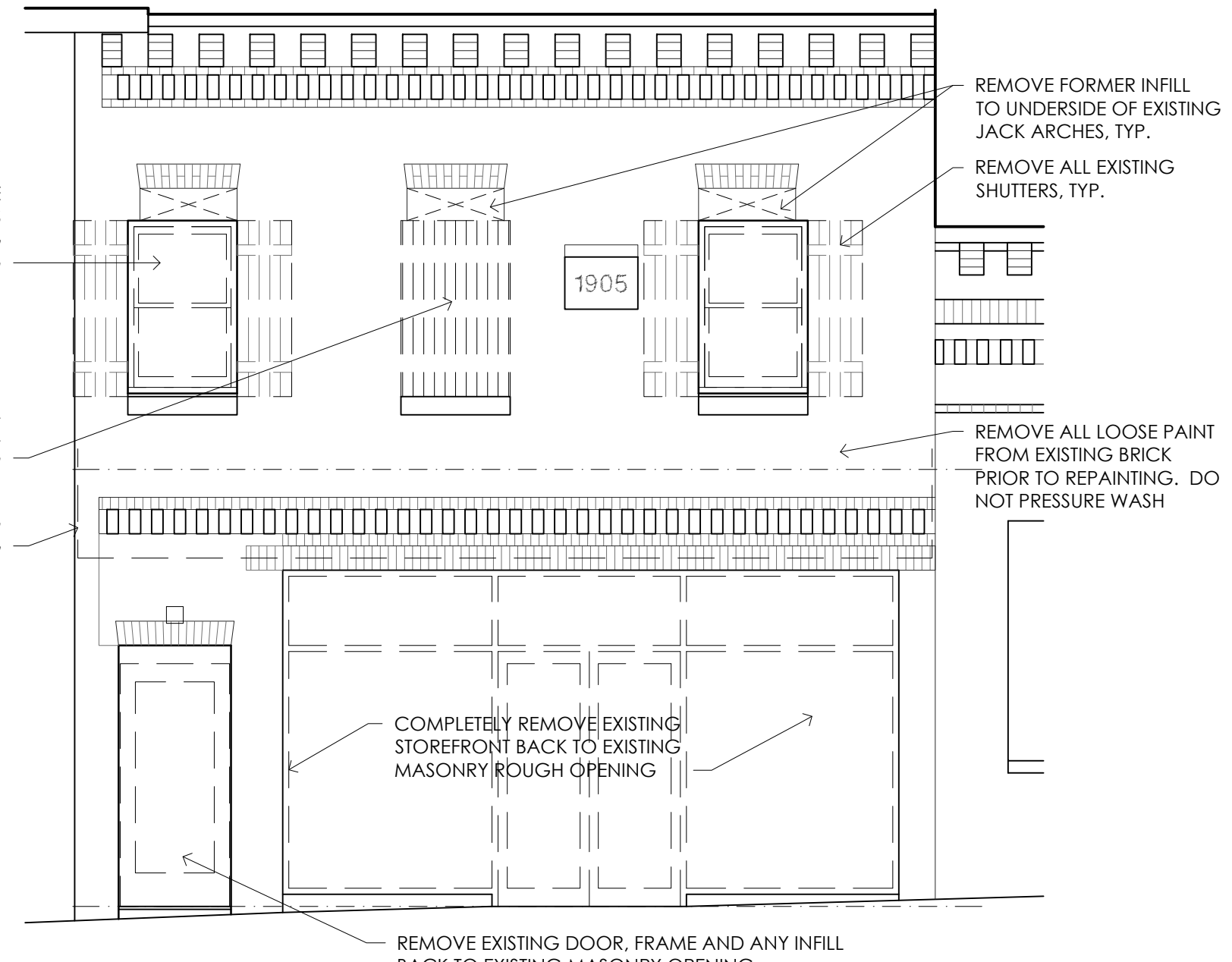
EXTERIOR MATERIAL SCHEDULE	
PT-1	PAINT COLOR TO MATCH SHERWIN WILLIAMS SW 6006 'BLACK BEAN' - SATIN
PT-2	PAINT COLOR TO MATCH SHERWIN WILLIAMS SW 6413 'RESTORATION IVORY' - SATIN
PT-3	PAINT COLOR TO MATCH SHERWIN WILLIAMS SW 6622 'HEARTY ORANGE' - SATIN
PNL-1	2CM QUARTZ PANEL CAESARSTONE 5810 'BLACK TEMPAL'
AW-1	METAL AWNING BERRIDGE HC-16 OR EQ. ROOF PANELS PAINTED TO MATCH RAL 3016 'CORAL RED' ON 1" SQUARE BLACK ANODIZED (OR POWDERCOAT) FRAME TO MATCH SF-1
AW-2	PRE-ENGINEERED ALUMINUM HANGER ROD CANOPY COLOR TO MATCH PT-2 / RAL1013 'OYSTER WHITE'
SF-1	ALUMINUM STOREFRONT SYSTEM BLACK ANODIZED



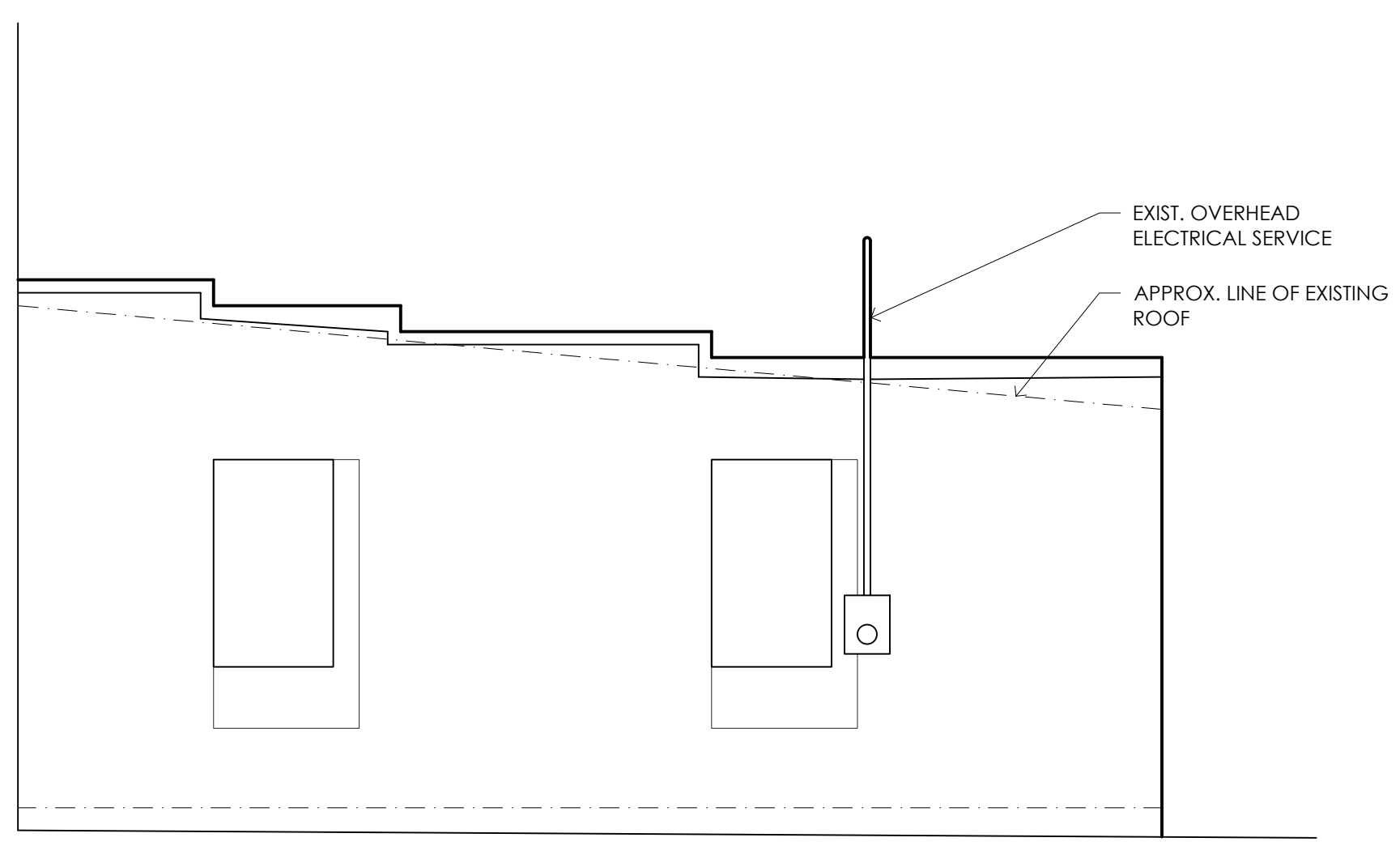
08 NORTH DEMOLITION ELEVATION
SCALE: 1/4" = 1'-0"



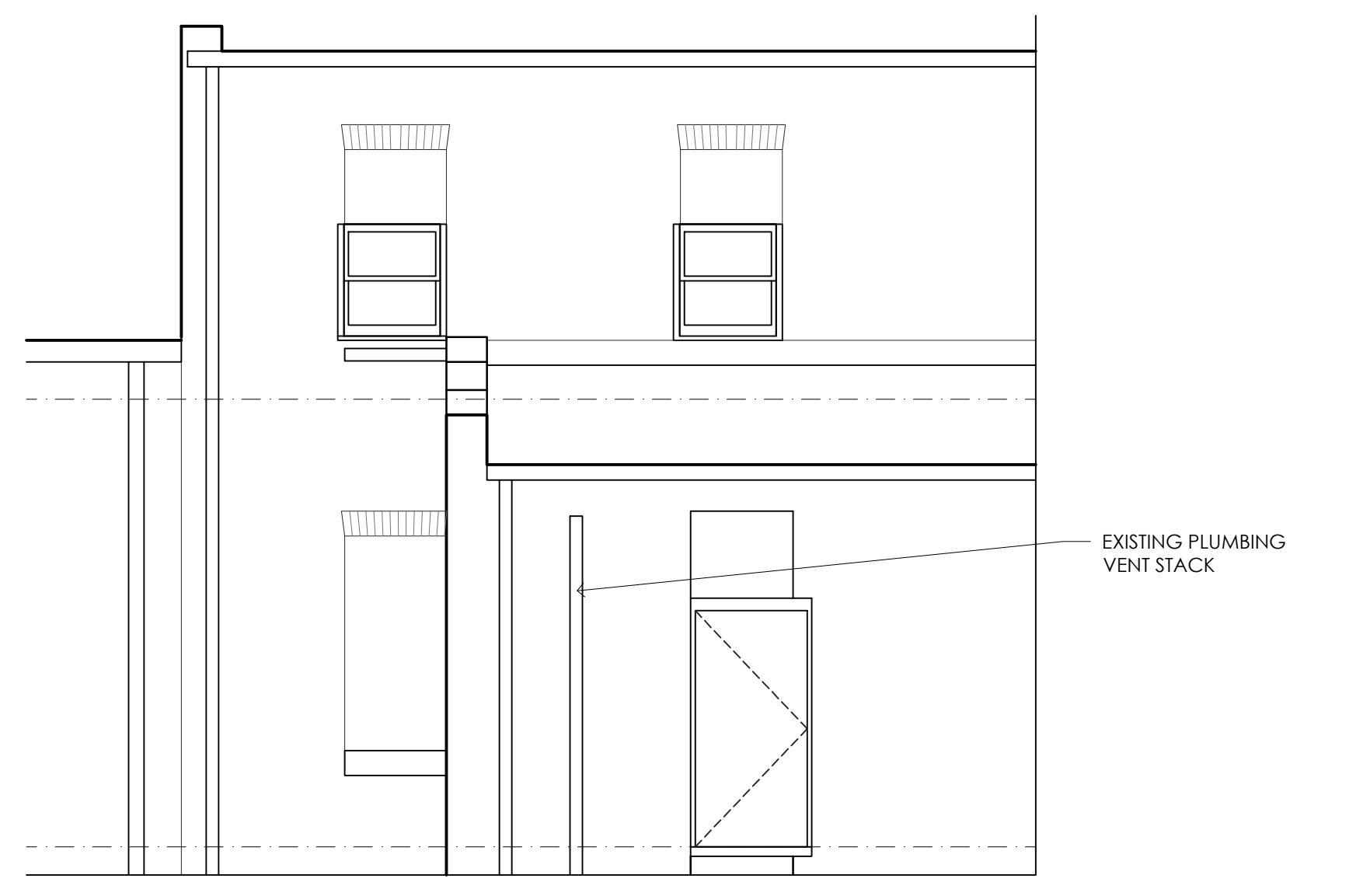
05 WALL STREET DEMOLITION ELEVATION
SCALE: 1/4" = 1'-0"



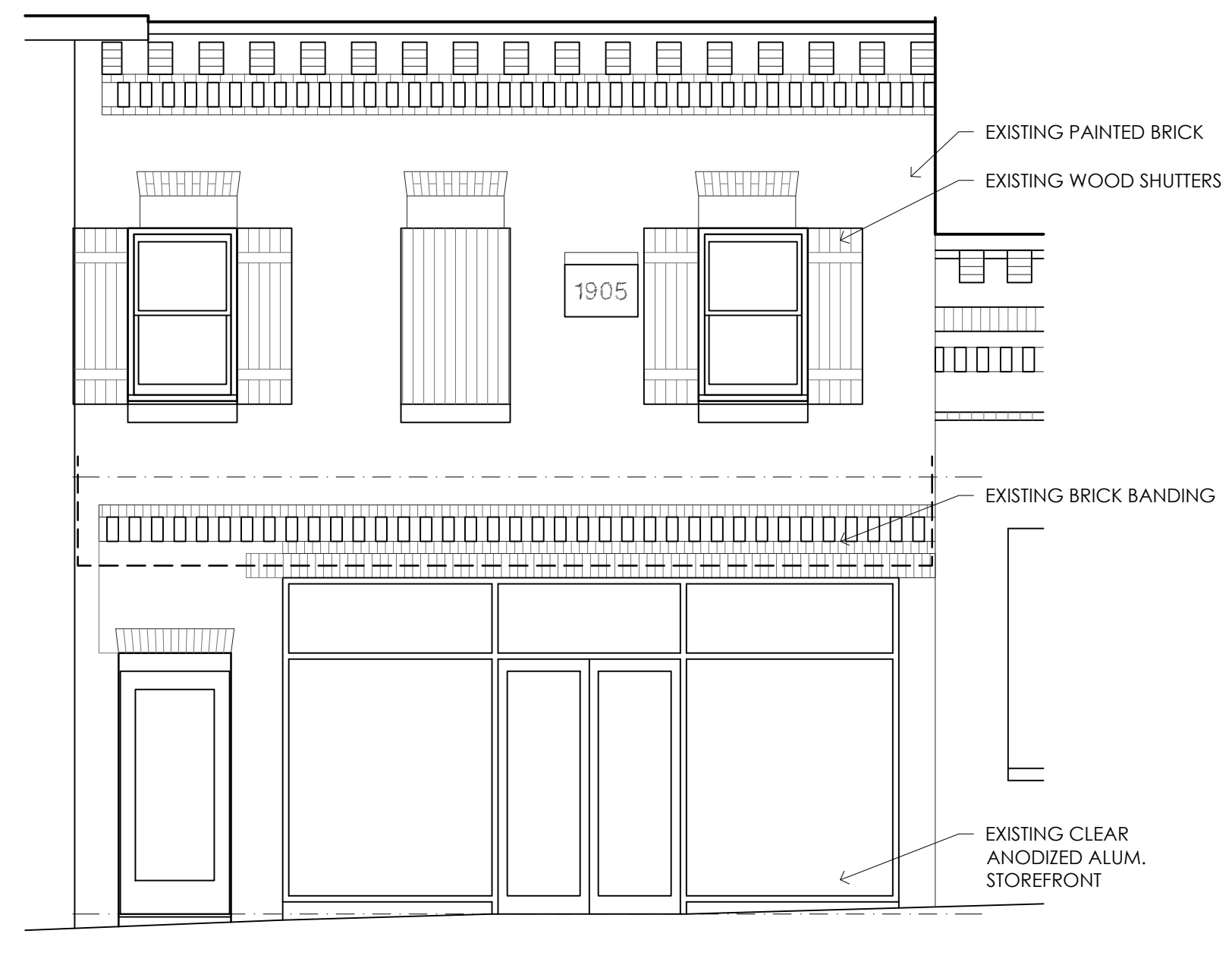
02 MAIN STREET DEMOLITION ELEVATION
SCALE: 1/4" = 1'-0"



07 EXISTING NORTH ELEVATION
SCALE: 1/4" = 1'-0"



04 WALL STREET EXISTING ELEVATION
SCALE: 1/4" = 1'-0"



01 MAIN STREET EXISTING ELEVATION
SCALE: 1/4" = 1'-0"



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INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188

STATE OF GEORGIA

KEVIN JOHN MAKER

REGISTERED ARCHITECT

CERTIFICATE NO. 7588

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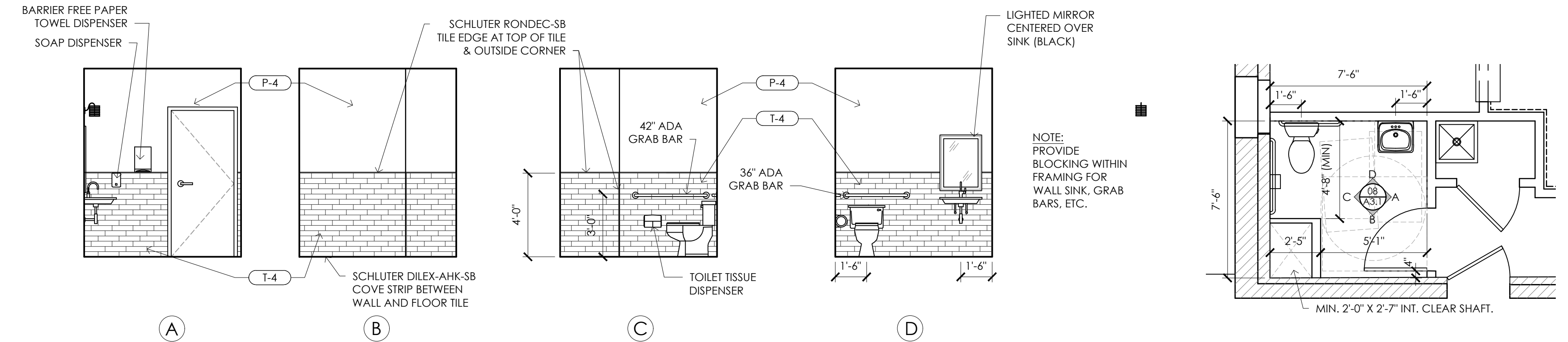
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EXTERIOR ELEVATIONS

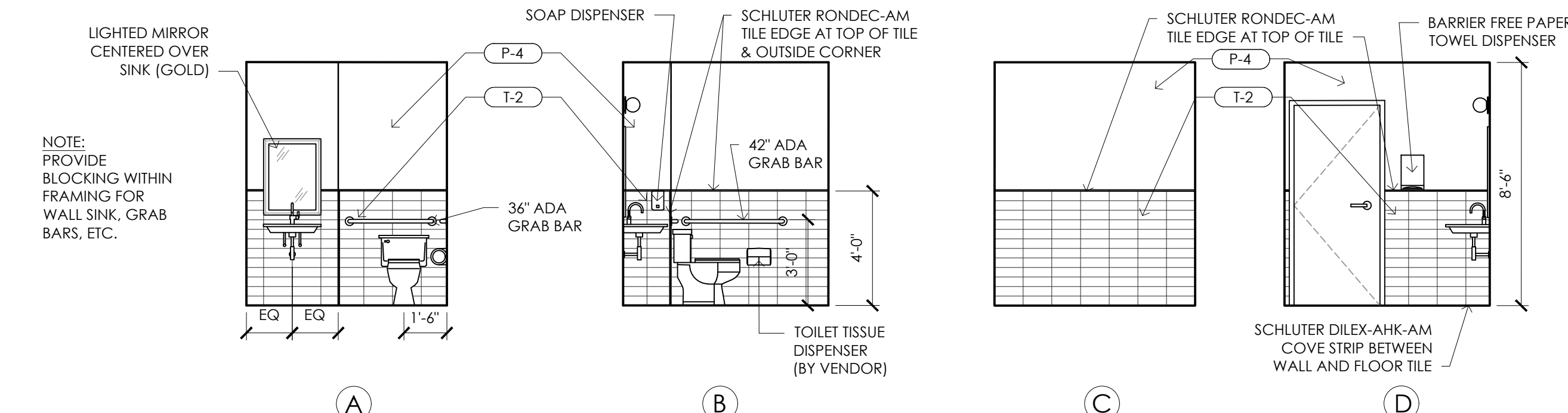
SHEET # **A2.1**



08 TOILET #207 INTERIOR ELEVATIONS
A3.1 SCALE: 1/4" = 1'-0"

07 TOILET DETAIL PLAN
A3.1 SCALE: 1/4" = 1'-0"

REV #	DATE	DESCRIPTION



06 TOILET #108 INTERIOR ELEVATIONS
A3.1 SCALE: 1/4" = 1'-0"

05 TOILET DETAIL PLAN
A3.1 SCALE: 1/4" = 1'-0"

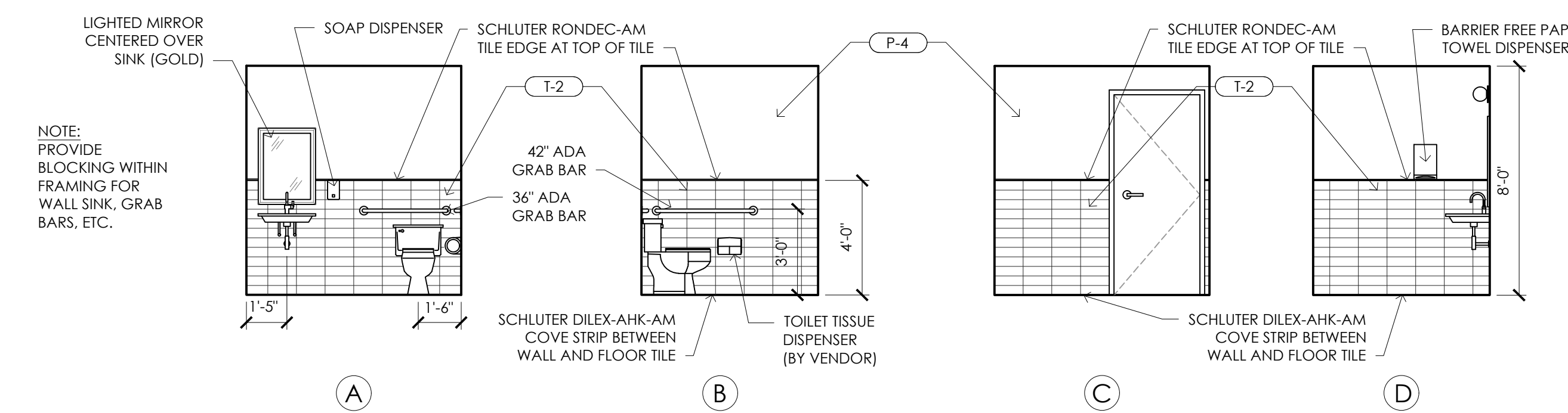
INTERIOR AND EXTERIOR
RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188

TAG	ITEM	MANUFACTURER	MODEL #
MIR	MIRROR	WELLFOR	LUKY 24"x32" ALUM. FRAMED DIMMABLE MIRROR BRUSHED GOLD (2) MATTE BLACK (1)
TTH	TOILET TISSUE HOLDER	-	BY VENDOR
PTD	PAPER TOWEL DISPENSER	-	BY VENDOR
SD	SOAP DISPENSER	-	BY VENDOR
GB36-G	36" GRAB BAR - GOLD	KOHLER	PURIST K-11895-BV
GB42-G	42" GRAB BAR - GOLD	KOHLER	PURIST K-11896-BV
GB36-B	36" GRAB BAR - BLACK	AM. SPECIALTIES	10-3801-36-41
GB42-B	42" GRAB BAR - BLACK	AM. SPECIALTIES	10-3801-42-41

ALL ACCESSORIES ON MAIN FLOOR TO BE BRUSHED GOLD FINISH AND UPPER LEVEL TO BE MATTE BLACK - UNLESS NOTED OTHERWISE



04 TOILET #106 INTERIOR ELEVATIONS
A3.1 SCALE: 1/4" = 1'-0"

03 TOILET DETAIL PLAN
A3.1 SCALE: 1/4" = 1'-0"

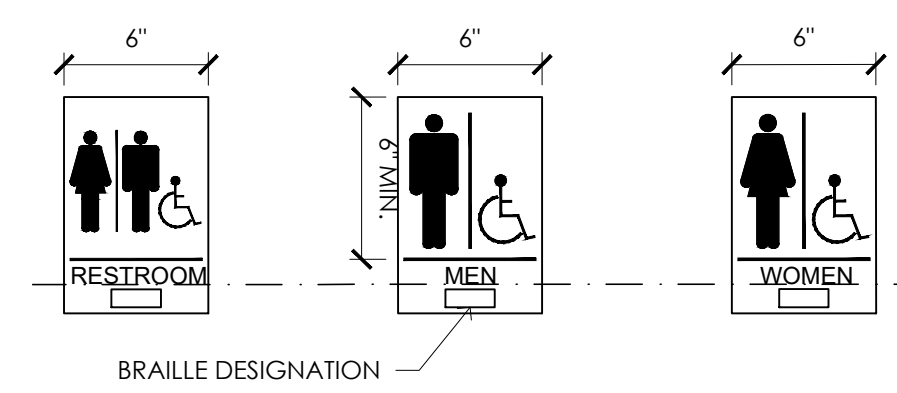
STATE OF GEORGIA

REGISTERED ARCHITECT

KEVIN M. NOTORI

CERTIFICATE NO. 7588

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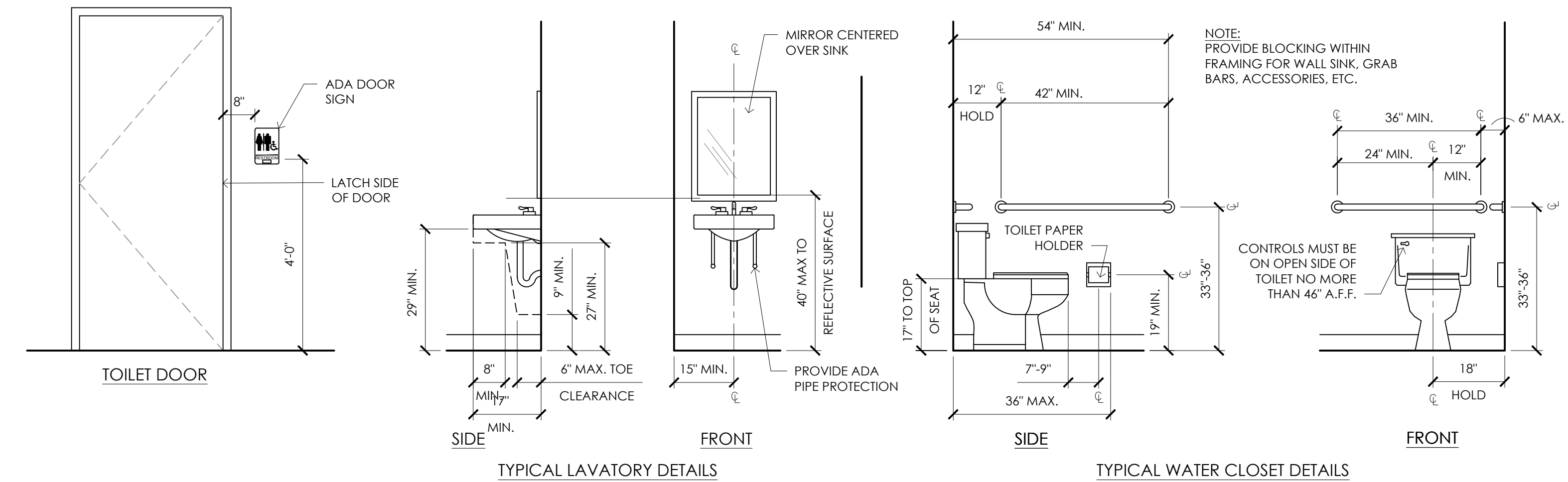


- SIGNS SHALL MEET AND BE MOUNTED IN COMPLIANCE WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, SECTION 703. THESE NOTES ARE ONLY A BRIEF OVERVIEW.
- SIGN SHALL BE PLASTIC WITH NON-GLARE FINISH AND INCLUDE A 6" TALL (MIN.) PICTOGRAM, SYMBOL OF ACCESSIBILITY, AND RAISED TEXT DESCRIPTORS IN A CONTRASTING COLOR TO THE BACKGROUND AND A BRAILLE DESIGNATION.

02 TYP. ADA SIGNAGE DETAILS
A3.1 NOT TO SCALE

SIGNAGE MOUNTING LOCATIONS AND HEIGHT:

- WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. AT DOUBLE LEAF DOORS, SIGNS SHALL BE LOCATED ON THE INACTIVE LEAF OR, IF BOTH LEAFS ARE ACTIVE, TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF THE WALL OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL.
- MOUNTING HEIGHT SHALL BE 48" ABOVE FINISH FLOOR MEASURED TO THE BASELINE OF THE LOWEST LINE OF TEXT.
- SIGNS SHALL BE LOCATED SO THAT A MINIMUM CLEAR SPACE OF 18"x18", CENTERED ON THE SIGN, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING (FROM CLOSED POSITION TO 45 DEGREE OPEN)



01 TYPICAL ADA INSTALLATION DETAILS
A3.1 SCALE: 1/4" = 1'-0"

PLACE MAKER DESIGN

280 INTERSTATE NORTH CIRCLE SE
SUITE 510
ATLANTA, GEORGIA 30339
404.549.4499

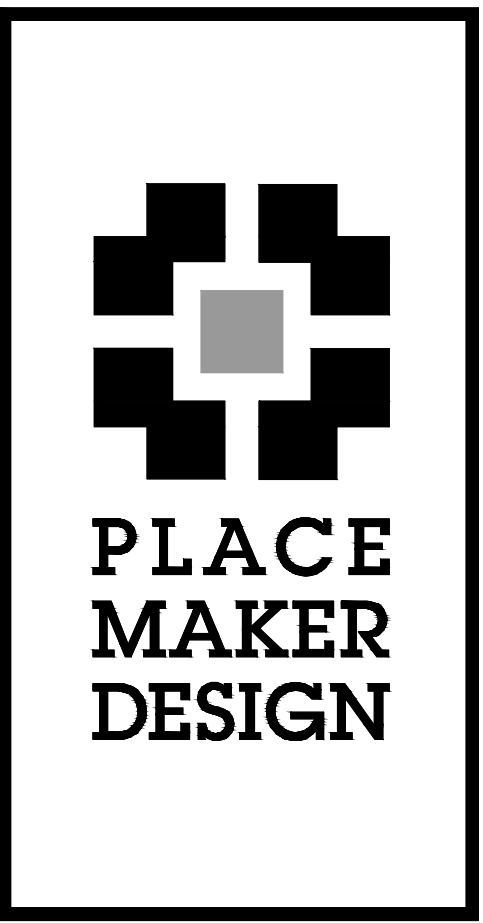
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SHEET TITLE

**RESTROOM
DETAILS**

SHEET #

A3.1



REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188

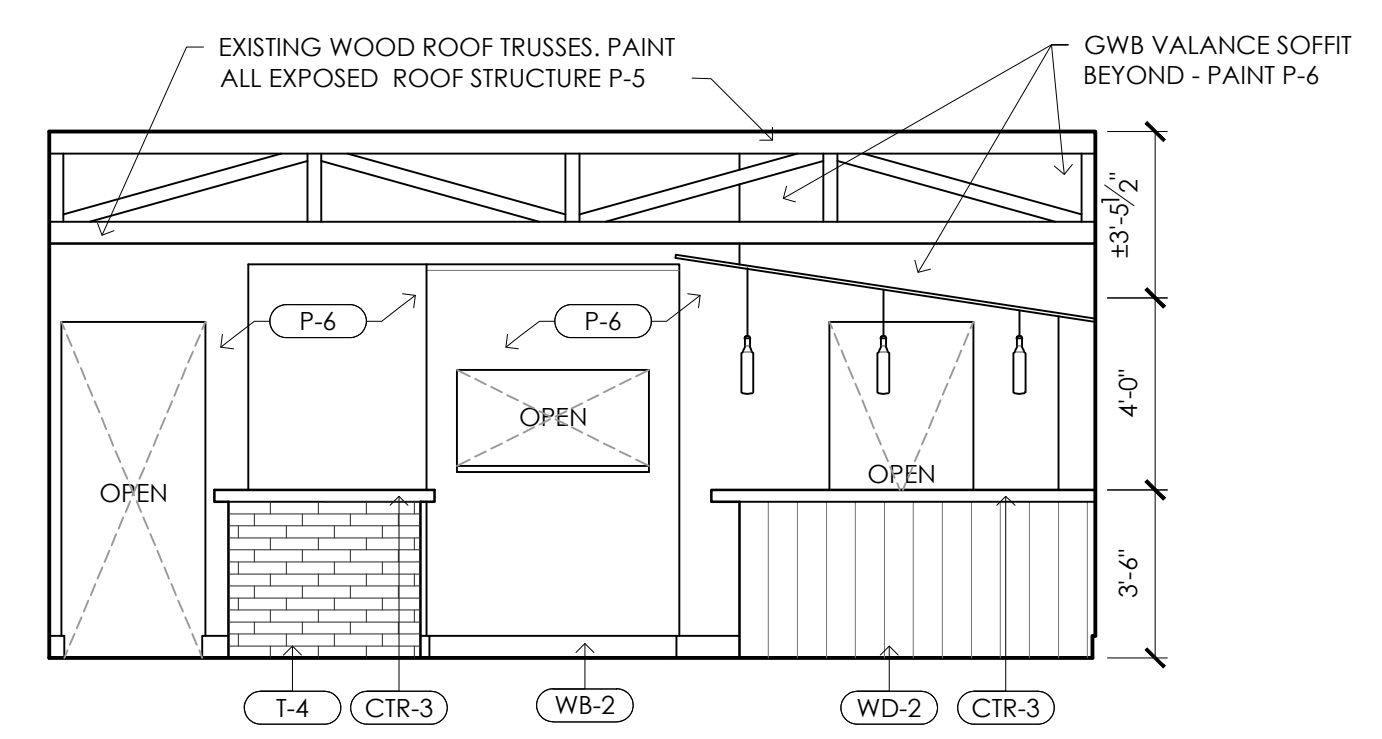


PLACE MAKER DESIGN
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404.549.4499

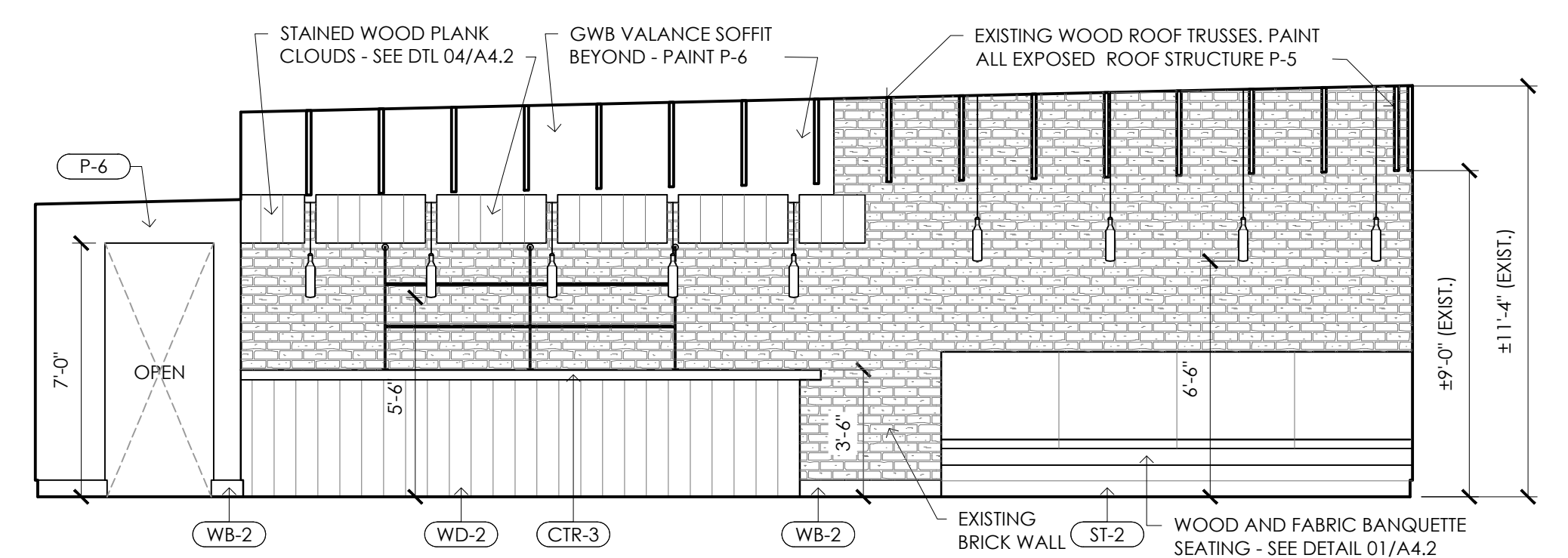
ISSUE DATE: 08/30/2023
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SHEET TITLE
INTERIOR ELEVATIONS

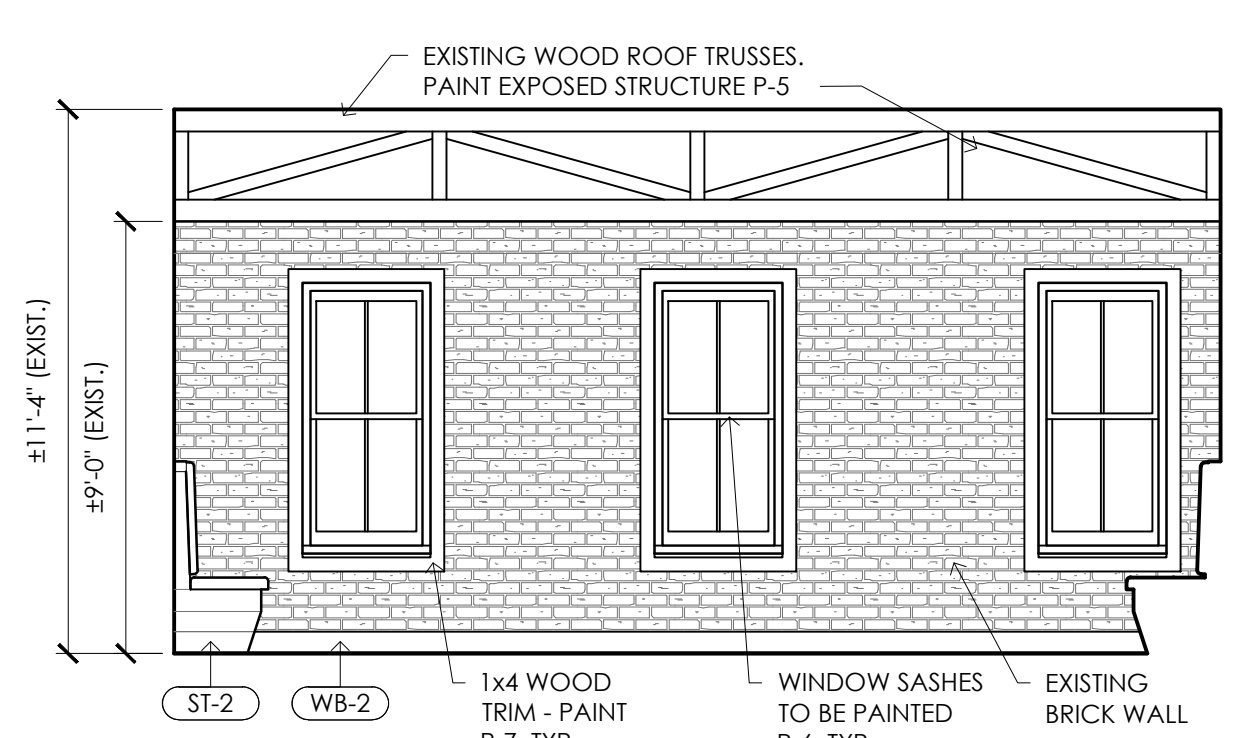
SHEET # **A4.1**



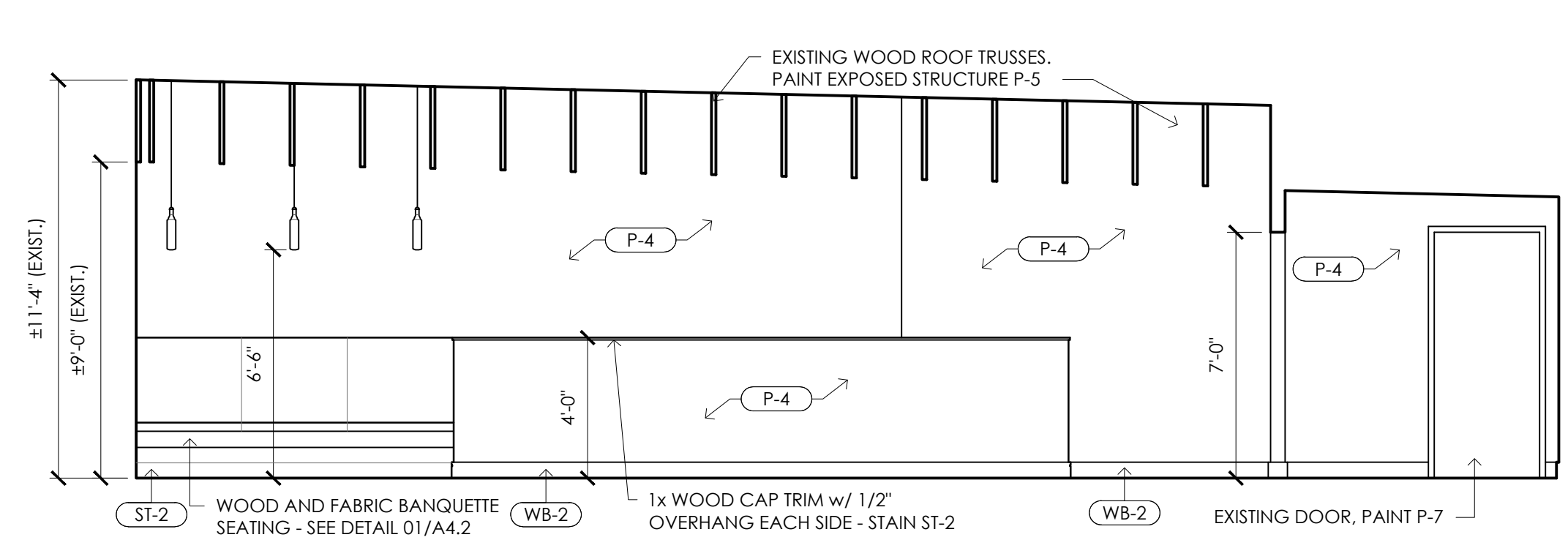
09 UPPER LEVEL - WEST INT. ELEVATION
A4.1 SCALE: 1/4" = 1'-0"



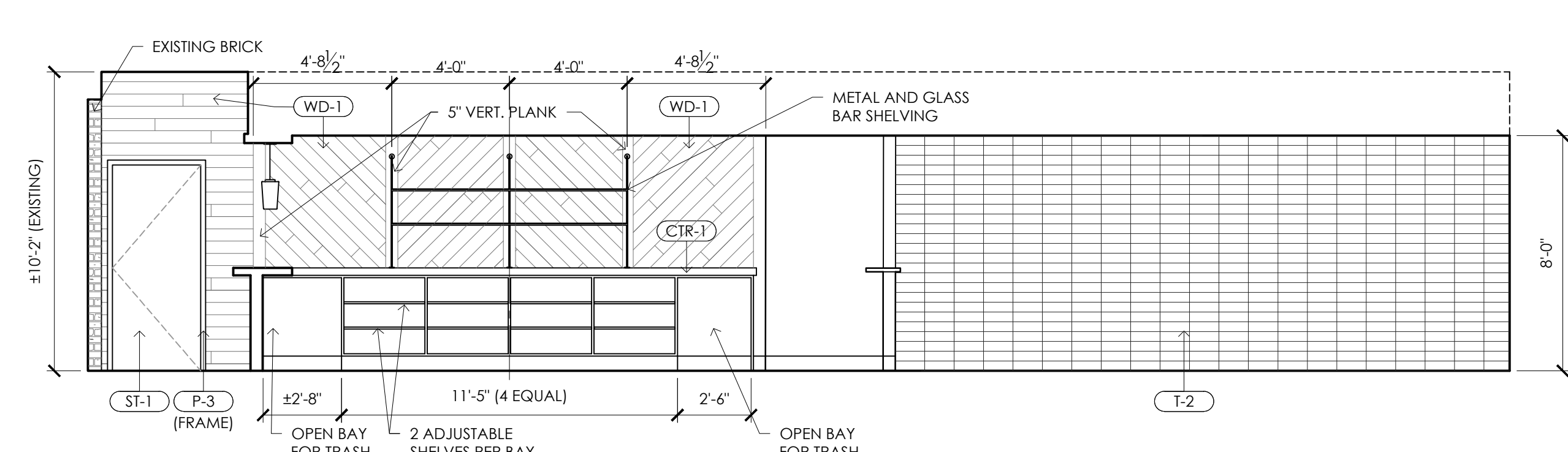
08 UPPER LEVEL - NORTH INT. ELEVATION
A4.1 SCALE: 1/4" = 1'-0"



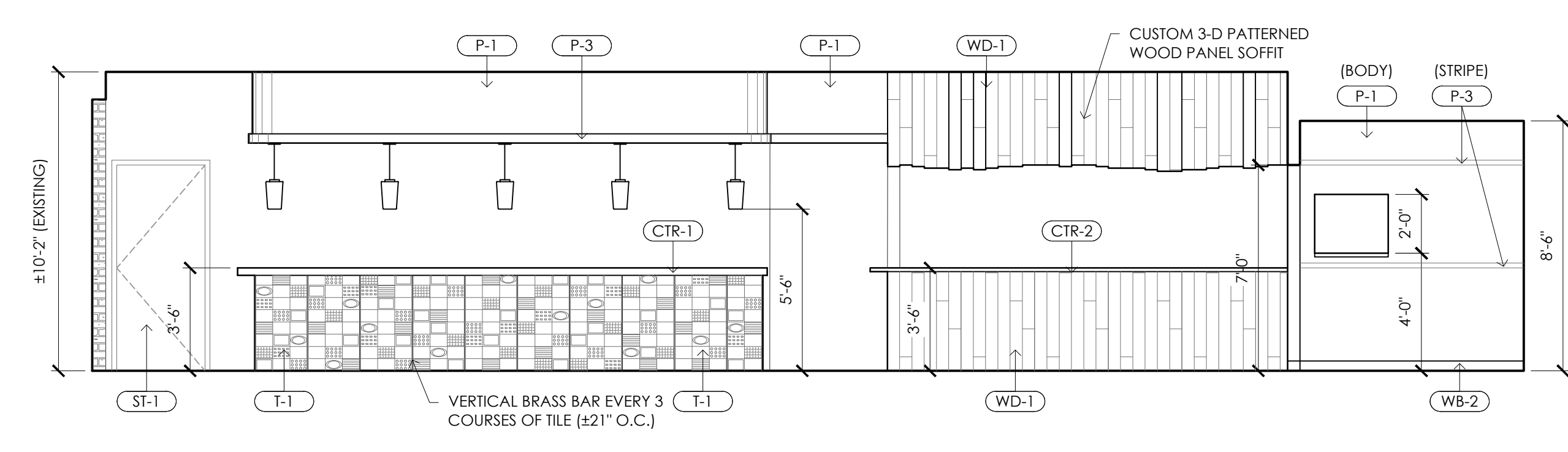
07 UPPER LEVEL - EAST INT. ELEVATION
A4.1 SCALE: 1/4" = 1'-0"



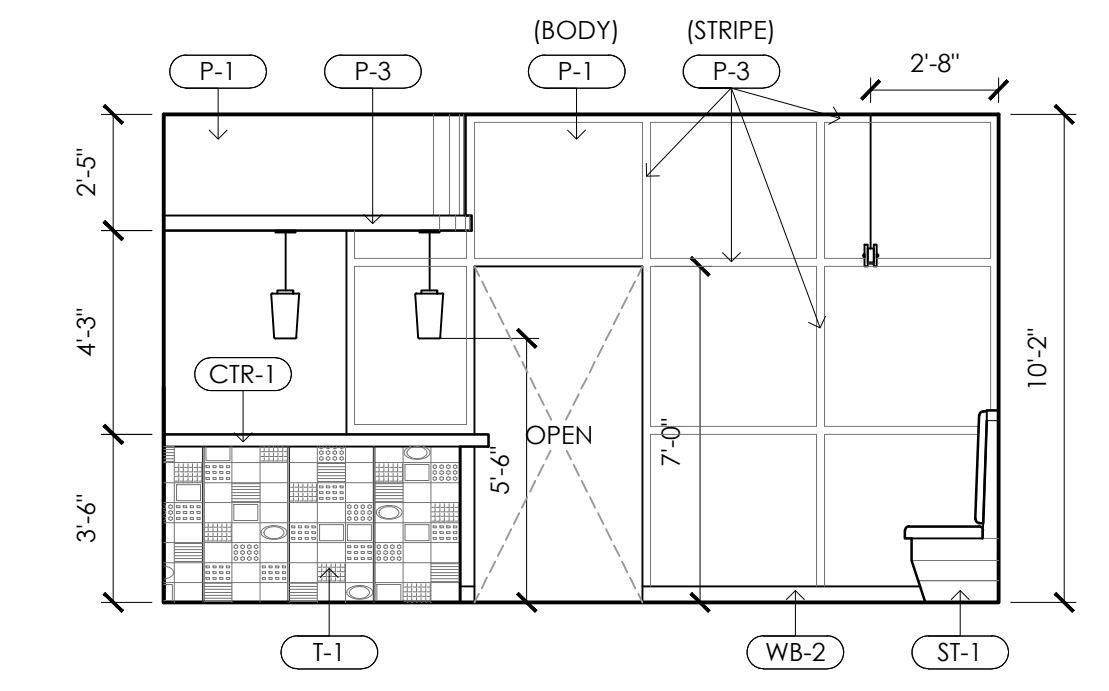
06 UPPER LEVEL - SOUTH INT. ELEVATION
A4.1 SCALE: 1/4" = 1'-0"



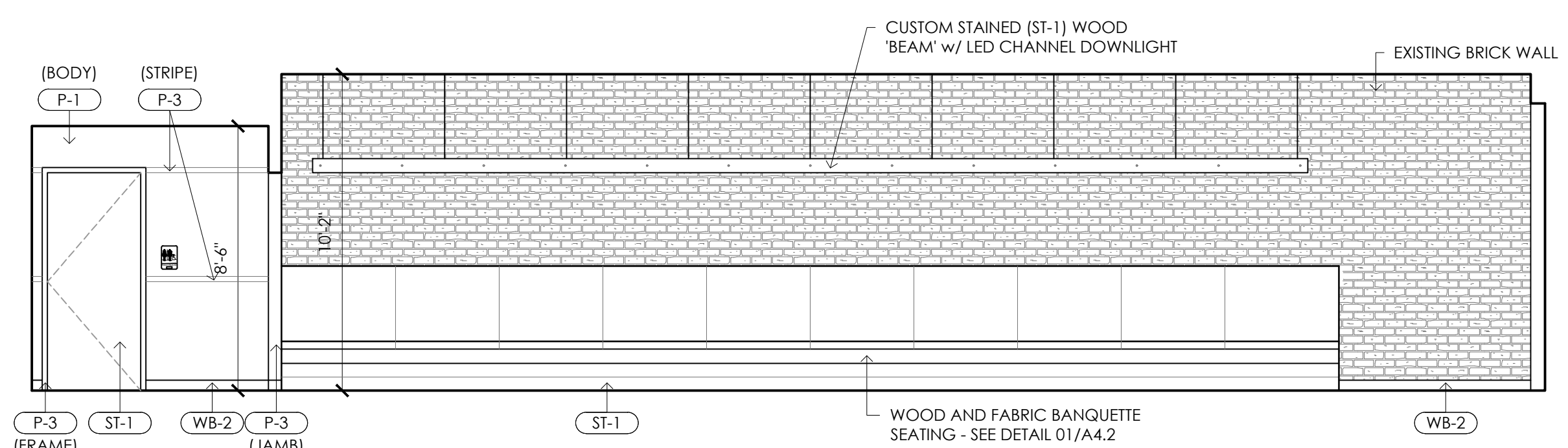
05 MAIN FLOOR - SOUTH INT. ELEVATION
A4.1 SCALE: 1/4" = 1'-0"



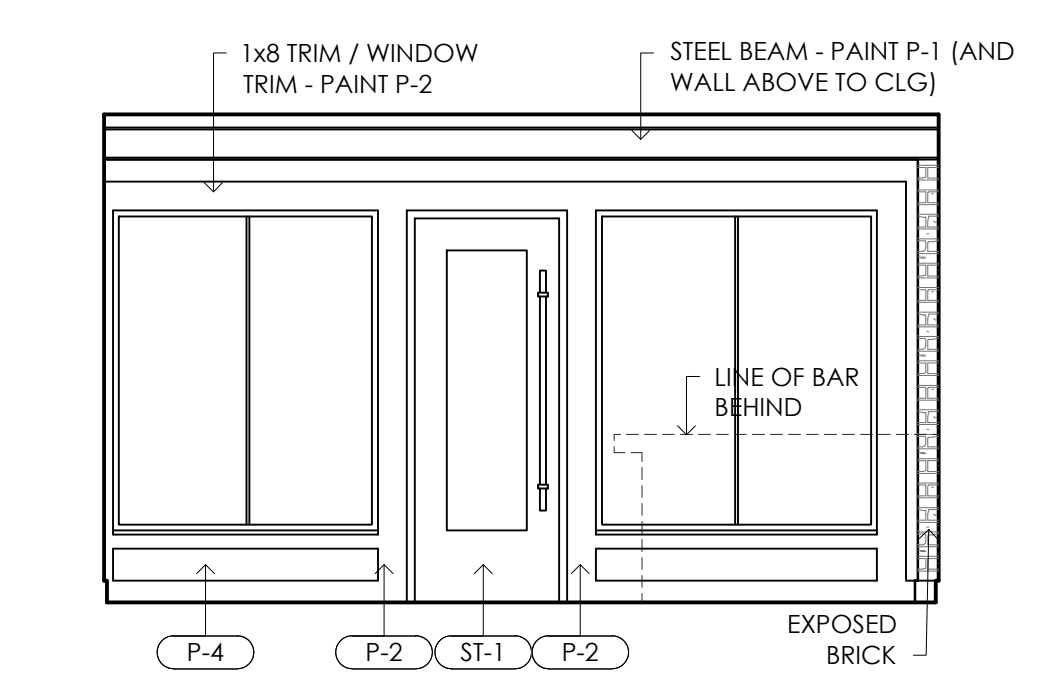
04 MAIN FLOOR - SOUTH INT. ELEVATION
A4.1 SCALE: 1/4" = 1'-0"



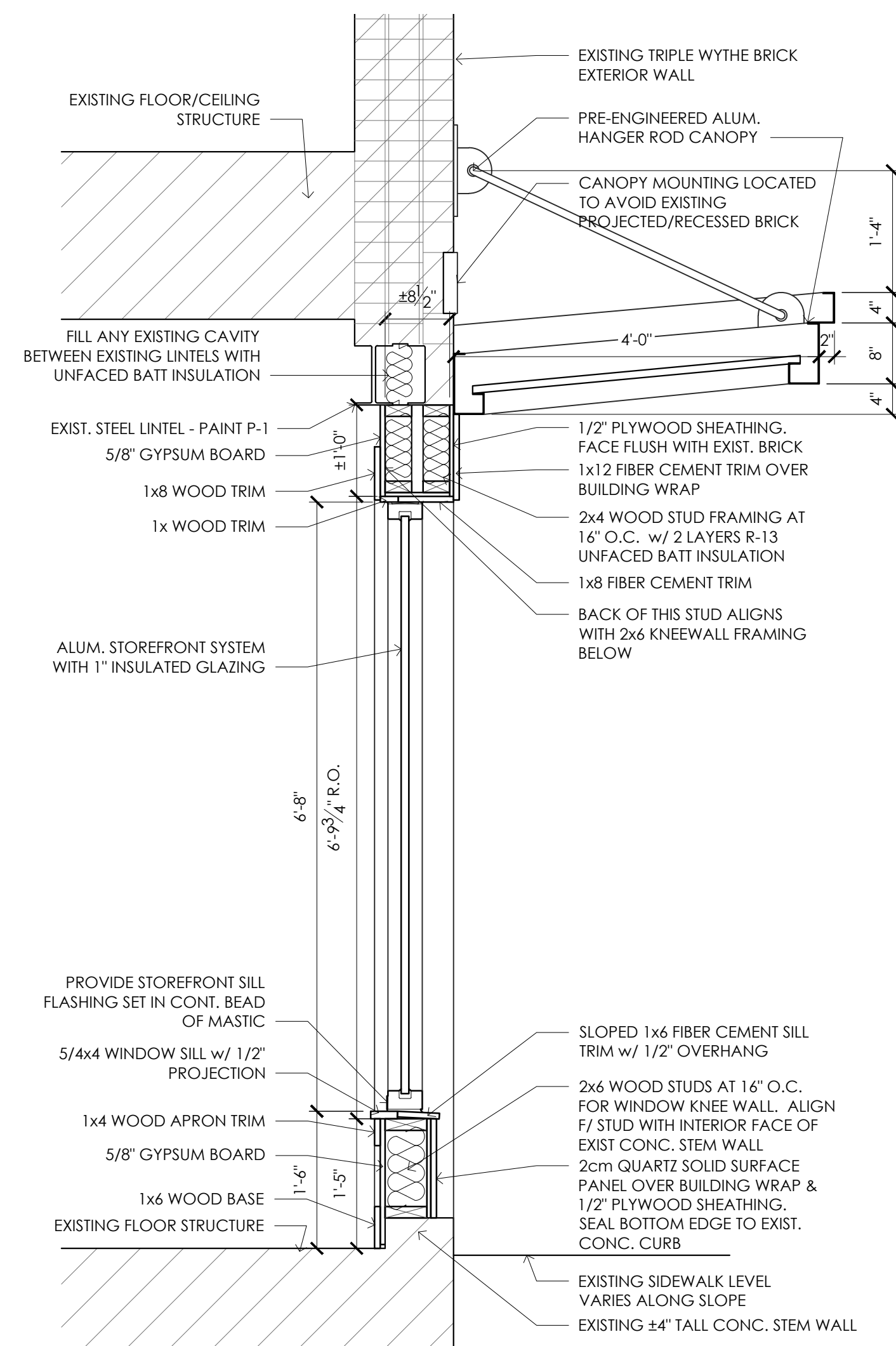
03 MAIN FLOOR - WEST INT. ELEVATION
A4.1 SCALE: 1/4" = 1'-0"



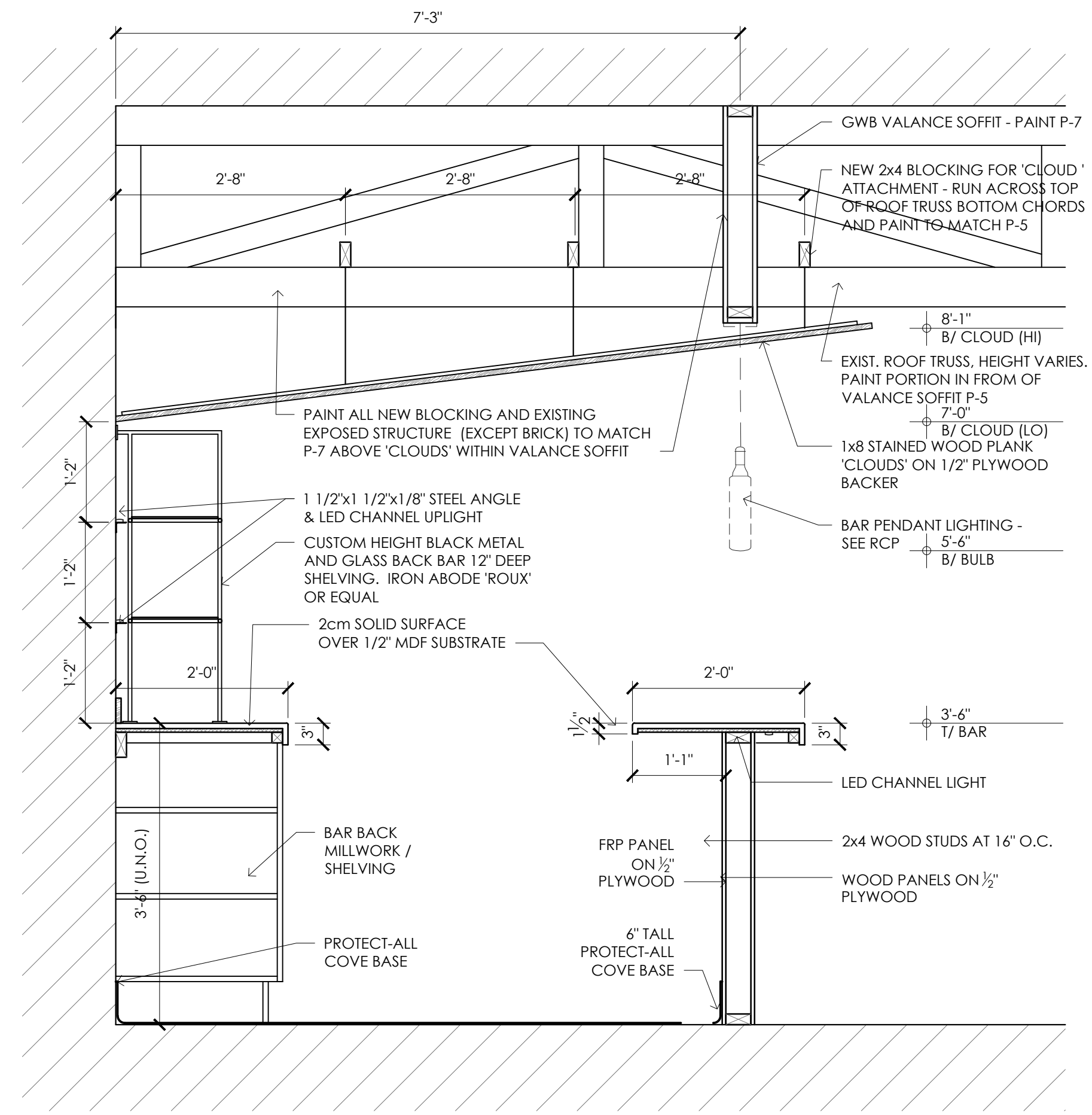
02 MAIN FLOOR - NORTH INT. ELEVATION
A4.1 SCALE: 1/4" = 1'-0"



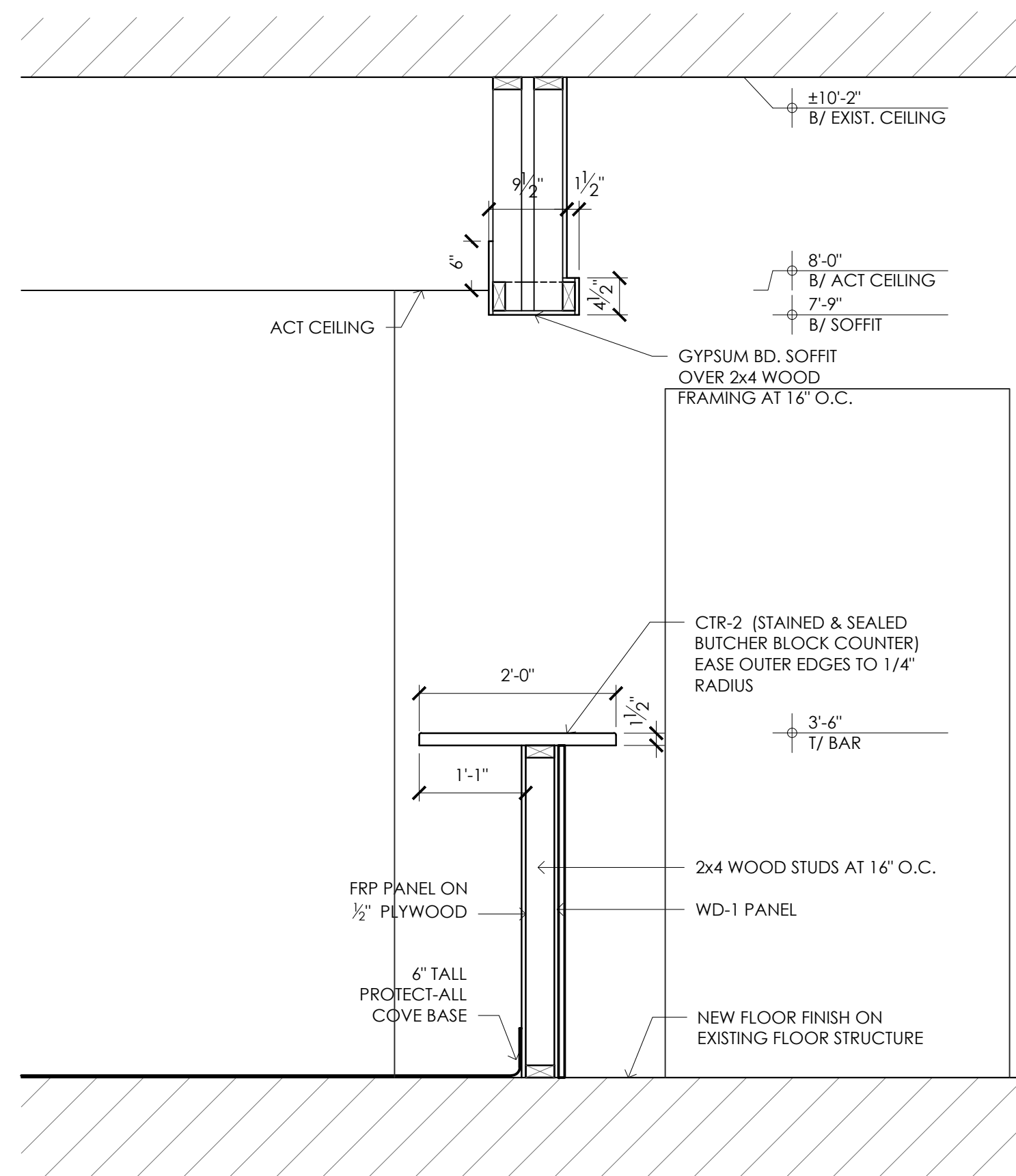
01 MAIN FLOOR - EAST INT. ELEVATION
A4.1 SCALE: 1/4" = 1'-0"



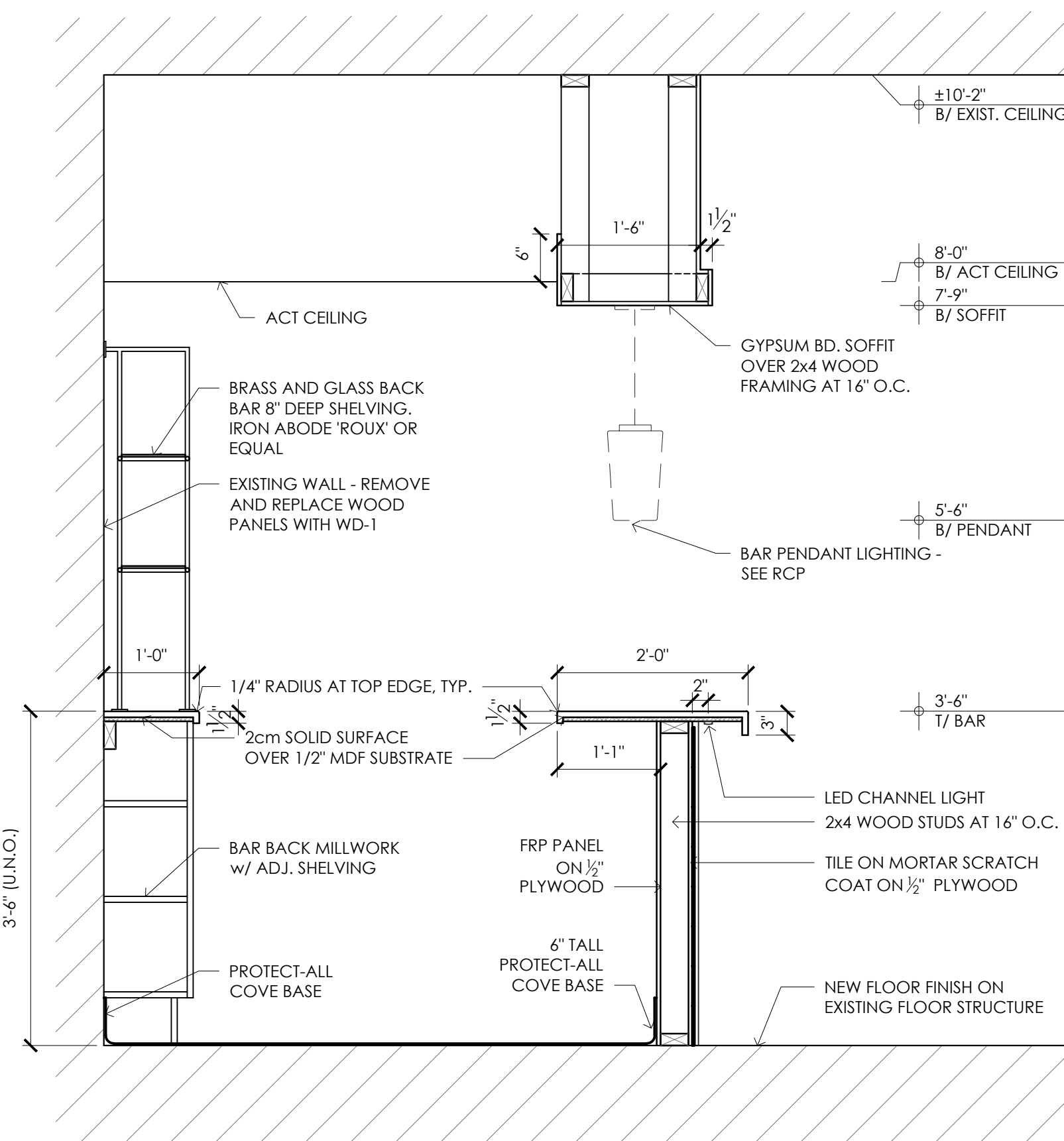
05 STOREFRONT WALL SECTION
SCALE: 3/4" = 1'-0"



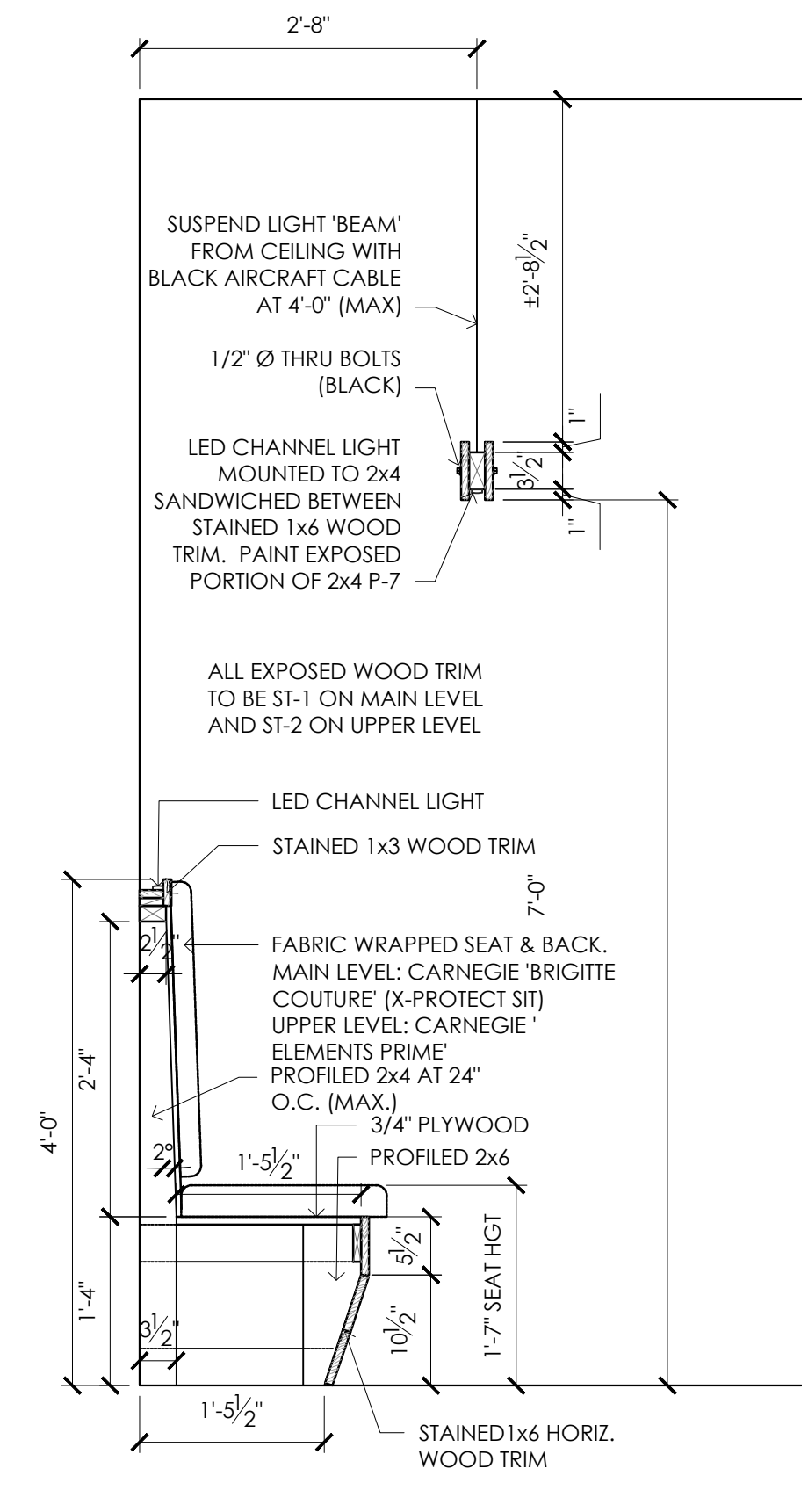
04 UPPER LEVEL BAR SECTION
SCALE: 3/4" = 1'-0"



03 MAIN LEVEL BAR SECTION
SCALE: 3/4" = 1'-0"



02 MAIN LEVEL BAR SECTION
SCALE: 3/4" = 1'-0"



01 TYPICAL BANQUETTE SECTION
SCALE: 3/4" = 1'-0"



REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188



PLACE MAKER DESIGN

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SUITE 510
ATLANTA, GEORGIA 30339
404.549.4499

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MILLWORK DETAILS

SHEET # **A4.2**

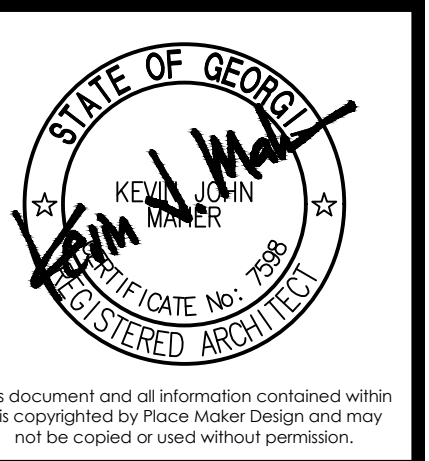


REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188



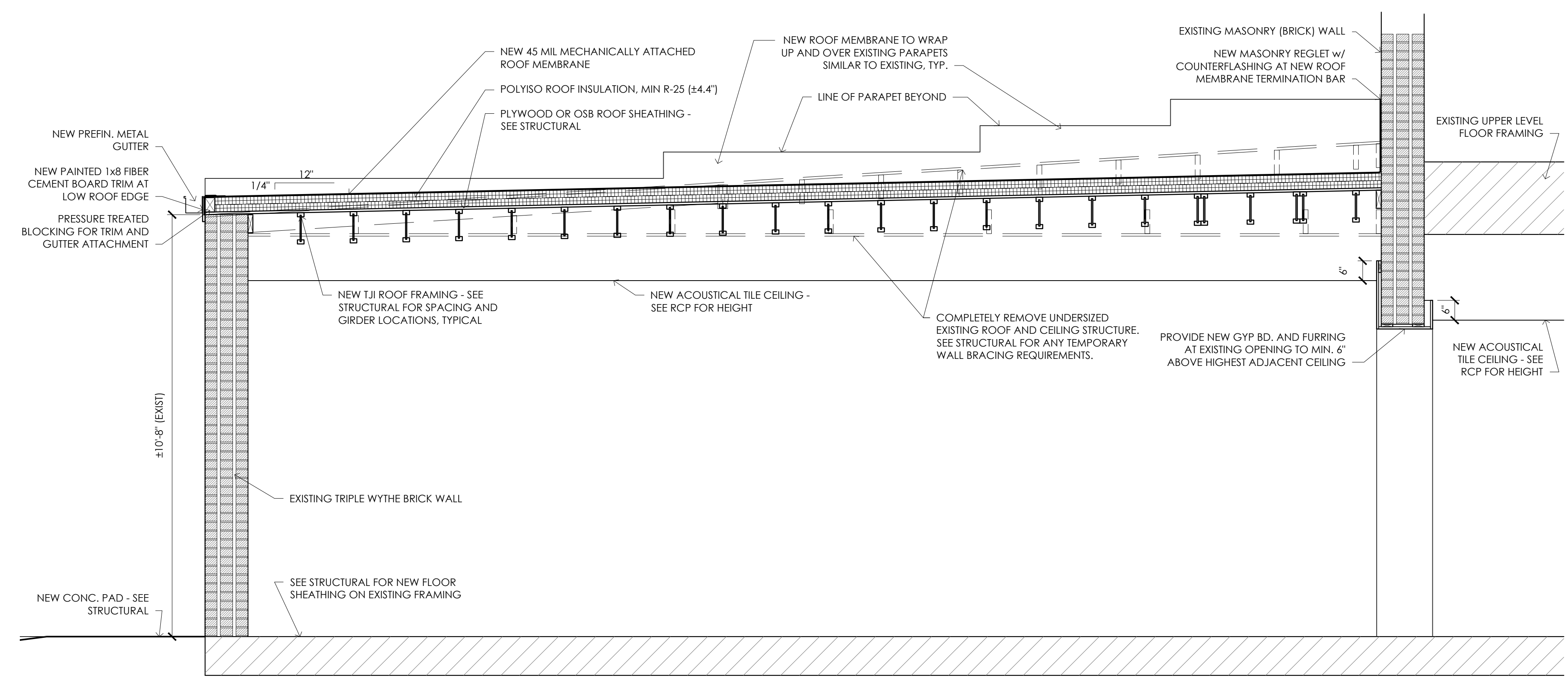
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SHEET #

SECTION DETAILS

A4.3



01 BUILDING SECTION - LOW ROOF
04.3 SCALE: 1/2" = 1'-0"

DESIGN:

BUILDING CODE: INTERNATIONAL BUILDING CODE 2018 (BC) W/GEORGIA STATE AMENDMENTS

WIND

Vmax: 105 MPH
Vavg: 81.3 MPH
EXPOSURE CATEGORY B
COMPONENTS AND CLADDING: COMPONENTS AND CLADDING ELEMENTS NOT SPECIFICALLY DESIGNED ON THESE DRAWINGS SHALL BE DESIGNED ACCORDING TO THE WIND PRESSURES STIPULATED BY BC 2018 FOR THE TRIBUTARY AREA OF THE SPECIFIC COMPONENT.

MIN DESIGN PRESSURE = 25 PSF (WALLS, 100 SQ FT, NON-END ZONE)

SEISMIC

RISK CATEGORY I
Ie = 1.0 P = 1.0
Sps = 0.253 Sp = 0.147
SITE CLASS = D (ASSUMED)
SEISMIC DESIGN CATEGORY = C
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

SNOW

GROUND SNOW LOAD = 5 PSF
I = 1.0
FLAT ROOF SNOW LOAD = 5 PSF
SNOW EXPOSURE FACTOR Ce = 0.9 SNOW THERMAL FACTOR Ct = 1.0

SEISMIC RESISTING SYSTEM

UNALTERED EXISTING LATERAL SYSTEMS PER BC SECTION 3404

SHEET INDEX

- S01 GENERAL NOTES
S02 GENERAL NOTES
S03 GENERAL NOTES
S10 FOUNDATION & MAIN LEVEL DEVO PLANS
S11 UPPER LEVEL & ROOF DEVO PLANS
S12 FOUNDATION & MAIN LEVEL FRAMING PLANS
S13 UPPER LEVEL & ROOF FRAMING PLANS
S31 SECTIONS & DETAILS
S41 TYPICAL SECTIONS & DETAILS
S42 TYPICAL SECTIONS & DETAILS

MISCELLANEOUS:

- 1. THE FOLLOWING NOTES APPLY TO ALL PROJECT RELATED STRUCTURAL DRAWINGS. THIS INCLUDES THESE DRAWINGS, FIELD SKETCHES AND RESPONSES TO REQUESTS FOR INFORMATION (RFIs), UNLESS OTHERWISE INDICATED.
2. THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PERTINENT ASPECTS OF ALL DISCIPLINES INTO THEIR SHOP DRAWINGS AND WORK, AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR OMISSIONS.
4. NO OPENINGS OR MODIFICATIONS SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT.
5. NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT.
6. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL DESIGN, ADEQUACY, SAFETY AND STABILITY OF TEMPORARY BRACING AND SHORING THAT MAY BE REQUIRED AS A RESULT OF THE CONTRACTORS CONSTRUCTION METHODS AND/OR SEQUENCES. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED ON THE STRUCTURAL FRAMING. APPLIED CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF ANY STRUCTURAL BUILDING ELEMENT.
7. THE CONTRACTORS CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION LIFECYCLE.
8. DO NOT SCALE THESE DRAWINGS; USE DIMENSIONS, FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS. SEE ARCHITECTURAL DRAWINGS.
9. THE CONTRACTOR SHALL INFORM THE PROFESSIONAL OF RECORD IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUCH DEVIATION BY THE PROFESSIONAL OF RECORD, REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC. UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE PROFESSIONAL OF RECORD OF SUCH DEVIATION AT THE TIME OF SUBMISSION AND THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.
10. WHERE A SECTION OR DETAIL IS CUT ON THE PLAN, IT IS UNDERSTOOD TO BE REPRESENTATIVE OF ALL LIKE OR SIMILAR CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THEIR SHOP DRAWINGS AND WORK.
11. AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONDITIONS OF THE JOBSITE INCLUDING SAFETY OF PERSONS AND PROPERTY. THE ARCHITECTS OR ENGINEERS PRESENCE AT THE JOB SITE OR REVIEW OF WORK DOES NOT IMPLY CONFIRMATION OF THE ADEQUACY OF THE CONTRACTORS MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLIANCE WITH OSHA REGULATIONS.
12. CONSULT ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR LOCATION, SIZES, AND EXTENT OF CHASES, INSERTS, RECESSES, RIDGES, FINISHES, DEPRESSIONS, ETC., NOT SHOWN ON THE STRUCTURAL DRAWINGS.
13. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OF RECORD IN WRITING OF ALL CONDITIONS ENCOUNTERED IN THE FIELD THAT ARE CONTRADICTORY TO THOSE SHOWN ON THE STRUCTURAL DRAWINGS.
14. STRUCTURAL CONTRACT DOCUMENTS SHALL NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR ANY MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR OR SUBCONTRACTOR.
15. REFERENCE TO STANDARD SPECIFICATIONS OF ANY TECHNICAL SOCIETY, ORGANIZATION OR ASSOCIATION OR TO CODES OF LOCAL OR STATE AUTHORITIES, SHALL MEAN THE LATEST STANDARD, CODE, SPECIFICATION OR TENTATIVE SPECIFICATION ADOPTED AND PUBLISHED AT THE DATE OF TAKING BIDS, UNLESS SPECIFICALLY STATED OTHERWISE.
16. SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, SLOPE, AND LOCATION OF DEPRESSED FLOOR AREAS. THE CONTRACTOR SHALL COMPARE STRUCTURAL SECTIONS WITH THE ARCHITECTURAL SECTIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT PRIOR TO FABRICATING OR INSTALLING STRUCTURAL MEMBERS.
17. PRINCIPAL OPENINGS THROUGH THE FRAMING ARE SHOWN ON THESE DRAWINGS. OPENINGS 1'-4" IN WIDTH OR LENGTH (AND LESS) ARE GENERALLY NOT SHOWN ON THE STRUCTURAL DRAWINGS. THE GENERAL CONTRACTOR SHALL EXAMINE THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL REQUIRED OPENINGS. ALL MECHANICAL OPENING LOCATIONS, UNIT OPERATING WEIGHTS, AND SIZES SHALL BE VERIFIED WITH THE MECHANICAL CONTRACTOR PRIOR TO FABRICATION. ANY DEVIATION FROM THE OPENINGS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION FOR APPROVAL.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES IN ORDER TO COMPLY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS.

SUBMITTALS:

- 1. STRUCTURAL DRAWINGS GIVE REPRESENTATIVE DETAILS AND ARE NOT INTENDED TO SHOW ALL CONDITIONS THAT MAY BE PRESENT. SHOP DRAWINGS SHALL DETAIL ALL CONDITIONS IN ACCORDANCE WITH THE SPECIFIC REQUIREMENTS AS INDICATED IN THE PROJECT DOCUMENTS.
2. CONTRACTOR SHALL SUBMIT A SCHEDULE OF SHOP DRAWING SUBMITTAL DATES TO ARCHITECT AT LEAST 30 DAYS PRIOR TO FIRST SUBMITTAL. FAILURE TO SUBMIT DRAWINGS ON DESIGNATED DATE MAY IMPACT REVIEW SCHEDULE.
3. ANY MATERIALS OR PRODUCTS SUBMITTED FOR APPROVAL THAT ARE DIFFERENT FROM THE MATERIALS OR PRODUCTS SPECIFIED IN THE STRUCTURAL CONTRACT DOCUMENTS WILL BE CONSIDERED ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED:
A. A COST SAVINGS TO THE OWNER IS DOCUMENTED AND SUBMITTED WITH THE REQUEST.
B. THE MATERIAL OR PRODUCT HAS BEEN APPROVED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND THE ICC-ES REPORT IS SUBMITTED WITH THE REQUEST. SUBMITTALS NOT SATISFYING THE ABOVE CRITERIA WILL NOT BE CONSIDERED.
4. REVIEW OF SUBMITTALS OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER OF RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER OF RECORD. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS.
5. COMPLETE SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL FABRICATED AND SPECIALTY BUILDING COMPONENTS INCLUDING (BUT NOT LIMITED TO) WINDOW SYSTEMS, CANOPY SYSTEMS, AND METAL STAIRS. SHOP DRAWINGS SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF GEORGIA.
6. ALL APPROVED SUBMITTALS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, SHALL BE MADE AVAILABLE ON THE JOBSITE FOR REVIEW BY THE INSPECTOR.
7. REPRODUCTION OF CONTRACT DOCUMENTS FOR USE AS SHOP DRAWINGS IS NOT PERMITTED.

FOUNDATIONS:

- 1. SPREAD FOOTINGS SHALL BEAR ON SOIL CAPABLE OF SUSTAINING AN ASSUMED NET ALLOWABLE BEARING PRESSURE OF 1.5 KSF FOR INDIVIDUAL FOOTINGS.
2. THE SITE SHALL BE PREPARED IN ACCORDANCE WITH CIVIL DRAWINGS AND PROJECT SPECIFICATIONS. A GEOTECHNICAL INVESTIGATION HAS NOT BEEN PERFORMED ON THIS SITE PRIOR TO THE ISSUANCE OF THESE DRAWINGS. A QUALIFIED GEOTECHNICAL ENGINEER SHALL VERIFY ALL ASSUMPTIONS AND REPORT ANY VARIATIONS OR DISCREPANCIES TO THE ENGINEER.
3. THE FOOTINGS HAVE BEEN POSITIONED AT THE ESTIMATED ELEVATION WHICH WILL PROVIDE SUITABLE BEARING. HOWEVER, IF ADEQUATE BEARING CAPACITY IS NONEXISTENT AT THESE ESTIMATED ELEVATIONS, THE FOOTING SHALL BE LOWERED TO AN ELEVATION WHERE THE PRESCRIBED SAFE BEARING CAPACITY EXISTS (AS RECOMMENDED BY A QUALIFIED GEOTECHNICAL ENGINEER).
4. FOOTINGS MAY BE CAST INTO AN EARTH-FORMED TRENCH IF SOIL CONDITIONS PERMIT.
5. EXCAVATION FOR FOOTINGS SHALL BE CUT TO ACCURATE SIZE AND DIMENSIONS AS SHOWN ON PLANS. ALL SOIL BELOW SLABS AND FOOTINGS SHALL BE PROPERLY COMPACTED AND SUBGRADE BROUGHT TO A REASONABLE TRUE AND LEVEL PLANE BEFORE PLACING CONCRETE.
6. IN AREA OF THE BUILDING, EXISTING ORGANIC MATERIAL, UNSUITABLE SOIL, ABANDONED FOOTINGS AND ANY OTHER EXISTING UNSUITABLE MATERIALS SHALL BE REMOVED. ANY CUT AND FILL REQUIREMENTS SPECIFIED BY CIVIL SHALL BE AS INSTALLED PURSUANT TO THE GEOTECHNICAL REPORT NOTED IN ITEM 2 OF THIS SECTION.
7. FOOTING CONCRETE SHALL BE CAST ON THE SAME DAY THE EXCAVATION IS APPROVED. IF THE BEARING SURFACE IS ALLOWED TO BECOME DISTURBED IN ANY WAY, IT SHALL BE REWORKED TO THE SATISFACTION OF AN INDEPENDENT TESTING AGENCY PRIOR TO CASTING OF THE CONCRETE.
8. ALL EXCAVATIONS AND STRUCTURE BEARING PADS SHALL BE INSPECTED BY AN INDEPENDENT TESTING AGENCY PRIOR TO CONCRETE PLACEMENT. THE INDEPENDENT TESTING AGENCY SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING MATERIAL.
9. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BEAR A MINIMUM OF 1'-6" BELOW FINAL GRADE FOR FROST PROTECTION.
10. NO EXCAVATION SHALL BE CLOSER THAN AT A SLOPE OF 2(1 HORIZONTAL TO 1 VERTICAL) TO A FOOTING. PROVIDE SHORING AND PROTECTION FOR EXCAVATION BANKS AS NECESSARY TO PRESERVE SAFETY AND PREVENT CAVING.
11. ALL BEARING STRATA SHALL BE ADEQUATELY DRAINED BEFORE FOUNDATION CONCRETE IS PLACED.
12. BACKFILL AGAINST WALLS SHALL BE PLACED IN 8" LIFTS AND SHALL BE DEPOSITED EVENLY AGAINST EACH SIDE OF WALL. UNTIL THE LOWER FINAL GRADE IS REACHED, BACKFILL SHALL NOT BE PLACED AGAINST WALLS DEPENDENT UPON TOP AND BOTTOM SLABS/FOUNDATION FOR SUPPORT UNTIL SUCH SLABS HAVE ATTAINED MINIMUM SUFFICIENT BRACING AND SHORING FOR ALL WORK DURING THE CONSTRUCTION PROCESS. RETAINING WALLS ARE NOT DESIGNED TO CANTILEVER AT ANY TIME UNLESS EXPLICITLY NOTED ON DRAWINGS.
13. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE DRAINAGE SYSTEM FOR ALL BACKFILL CONDITIONS PER CIVIL AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
14. COLUMN FOOTINGS AND WALL FOOTINGS SHALL BE POURED MONOLITHIC WITH TOPS OF ADJACENT FOOTINGS AT THE SAME ELEVATION.
15. THERE SHALL BE NO HORIZONTAL CONSTRUCTION JOINTS IN ANY FOOTING WITHOUT PRIOR WRITTEN APPROVAL FROM ENGINEER.

STRUCTURAL STEEL:

DESIGN CODE: AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS - AISC 360-16

- 1. STEEL SHALL CONFORM TO THE FOLLOWING GRADES:
STRUCTURAL W-SHAPES: ASTM A992 (Fy=50ks)
ALL CHANNELS, ANGLES, PLATES, ETC. (LND): ASTM A36 (Fy=36ks)
STRUCTURAL TUBES: ASTM A500 GRADE C (Fy=50ks)
STEEL PIPE: ASTM A501 (Fy=36ks)
ANCHOR RODS: ASTM F1554 (Fy=55ks)
HIGH STRENGTH BOLTS: ASTM A325
HEN NUTS - GRADE A: ASTM A563
WELDING ELECTRODES: E70XX HARDENED STEEL
WASHERS - TYPE I: ASTM F436
2. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE (AISC 2016) EXCEPT AS MODIFIED IN THESE NOTES AND THE PROJECT SPECIFICATIONS.
3. THE STEEL STRUCTURE IS A NON-SELF-SUPPORTING STEEL FRAME AND IS DEPENDENT UPON DIAPHRAGM ACTION OF THE METAL ROOF DECK AND ATTACHMENT TO THE MASONRY WALLS AND METAL STUD SHEAR WALLS FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES. PROVIDE ALL TEMPORARY SUPPORTS REQUIRED FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES UNTIL THESE ELEMENTS ARE COMPLETE AND ARE CAPABLE OF PROVIDING THIS SUPPORT.
4. THE FABRICATOR IS RESPONSIBLE FOR THE DESIGN OF ALL CONNECTIONS SHOWN ON THE STRUCTURAL DRAWINGS. CONNECTIONS SHOWN ARE SCHEMATIC AND ARE ONLY INTENDED TO SHOW THE RELATIONSHIP OF MEMBERS CONNECTED. CONNECTION DETAILS INDICATED ON THE DRAWINGS SHALL BE INCORPORATED INTO FABRICATORS CONNECTION DESIGN ONLY AS THEY ARE DEEMED APPROPRIATE AND ADEQUATE. BOLTED CONNECTIONS SHALL BE ASSEMBLED AND INSPECTED IN ACCORDANCE WITH AISC 15TH EDITION SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR ASTM A490 BOLTS.
5. SPlicing OF STEEL MEMBERS UNLESS SHOWN ON THE DRAWINGS IS PROHIBITED WITHOUT WRITTEN APPROVAL OF THE ARCHITECT.
6. NO HOLES SHALL BE CUT IN ANY STEEL ELEMENT UNLESS THEY ARE DETAILED ON THE DRAWINGS.

- 7. UNLESS NOTED OTHERWISE, BEAMS SHALL BEAR A MINIMUM ON CONCRETE OR MASONRY. ANCHOR BEAMS TO MASONRY WITH TWO 5/8" DIAMETER ANCHOR RODS WITH 1'-0" EMBEDMENT INTO GROUT FILLED MASONRY.
8. WHERE BEAMS INTERSECT AT THE TERMINATING ELEVATION OF A COLUMN, THE BEAM WITH THE GREATEST REACTION SHALL BEAR ON TOP OF THE COLUMN UNLESS NOTED OTHERWISE ON DRAWINGS. WHERE BEAMS INTERSECT AT THE INTERMEDIATE ELEVATION OF A COLUMN, THE FRAMING BEAMS SHALL BE CONNECTED TO THE COLUMNS WITH A WT CONNECTION. FN PLATE CONNECTIONS ARE NOT PERMITTED.
9. CONNECTIONS FOR NON-COMPOSITE BEAMS WHICH CANNOT CONFORM TO AISC TYPICAL CONNECTION DETAILS SHALL BE DETAILED IN ACCORDANCE WITH THE FOLLOWING:
A. WHERE BEAM REACTIONS ARE NOT SHOWN ON THE DRAWINGS, CONNECTIONS SHALL BE DESIGNED FOR ONE-HALF THE MAXIMUM UNIFORM LOAD WHICH THE BEAM WILL SUPPORT (AS SIMPLE SPAN) FOR THE SPAN SHOWN ON THE DRAWINGS. (TABLE 3-8, AISC 15TH EDITION)
B. WHERE CONNECTIONS ARE SUBJECT TO ECCENTRICITY, SUCH ECCENTRICITY SHALL BE TAKEN INTO ACCOUNT WHEN DESIGNING THE CONNECTION.
C. WHERE CONNECTIONS SUPPORT BEAMS WHICH ARE SUBJECT TO CONCENTRATED LOADS, SUCH CONCENTRATED LOADS SHALL BE TAKEN INTO ACCOUNT WHEN DESIGNING THE CONNECTION.
D. BOLTED CONNECTIONS SHALL BE BEARING TYPE WITH A325 BOLTS, MINIMUM DIAMETER OF ALL BOLTS SHALL BE 3/4"; MAX. DIA. 1 1/8". PROVIDE AT LEAST 2 BOLTS PER CONN. TIGHTENED SNUG TIGHT.
E. END CONNECTIONS OF FLOOR MEMBERS SHALL ACCOMMODATE END ROTATIONS OF SIMPLE, UNRESTRAINED BEAMS. FOR THIS PURPOSE, INELASTIC ACTION IN THE CONNECTION IS PERMITTED.
F. COPED OR CUT ENDS OF MEMBERS SHALL BE REINFORCED WHERE REQUIRED TO SUSTAIN THE SPECIFIED REACTIONS.
10. TENSILE CONNECTIONS SHALL BE DESIGNED FOR A FORCE RESULTING FROM MULTIPLYING THE GROSS AREA BY 20 KSI.
11. FABRICATE AND ERECT MEMBERS WITH NATURAL CAMBER UP.
12. STRUCTURAL STEEL CONTRACTOR TO PROVIDE DECK SUPPORT ANGLES AS REQD (L3x3x1/4 MINIMUM UNO). THE CONTINUOUS ANGLE AT THE ROOF PERIMETER SHALL BE SPICED SUCH THAT THE FULL TENSION FORCE THAT CAN BE DEVELOPED BY THE ANGLE WILL BE TRANSFERRED THROUGHOUT THE SPLICE.
13. UNLESS OTHERWISE SHOWN ON DRAWINGS, SIZE OF WELDS SHALL NOT BE SMALLER THAN 3/16". ALL WELDED JOINTS SHALL CONFORM TO THE PROVISIONS OF AWS D11, STRUCTURAL WELDING CODE BY AMERICAN WELDING SOCIETY. PROOF OF WELDER CERTIFICATION SHALL BE AVAILABLE AT THE JOB SITE DURING TIMES OF INSPECTION.
14. THE CONTRACTOR SHALL PROVIDE, AT NO ADDITIONAL COST, ALL ADDITIONAL STEEL CONNECTIONS, BUYING, ETC. REQUIRED FOR ERECTION.
15. OBTAIN ALL FIELD MEASUREMENTS REQUIRED FOR PROPER FABRICATION AND INSTALLATION OF WORK PRIOR TO DETAILING. PRECISE MEASUREMENTS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
16. PROVIDE STIFFENERS FINISHED TO BEAR UNDER ALL LOAD CONCENTRATIONS ON SUPPORTING MEMBERS. ON ALL MEMBERS FRAMING OVER COLUMNS, AT BEAM COLUMN JOINTS (AS REQUIRED BY THE AISC SPECIFICATIONS) AND WHERE SHOWN ON THE DRAWINGS.
17. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND ELEVATIONS OF LOOSE LINTELS.
18. THE FABRICATOR SHALL BE RESPONSIBLE FOR ALL ERRORS OF DETAILS ON THE SHOP DRAWINGS, ERRORS IN FABRICATION, AND FOR THE CORRECT FITTING OF STRUCTURAL STEEL MEMBERS.
19. WELDING INSPECTION SHALL MEET REQUIREMENTS AS STATED IN THE SCHEDULE OF SPECIAL INSPECTIONS.
20. ALL STRUCTURAL STEEL NOT RECEIVING FIRE PROOFING SHALL RECEIVE ONE SHOP COAT OF RUST INHIBITIVE PRIMER.

CONCRETE:

- 1. ALL CONCRETE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 318-14.
2. CEMENT USED SHALL BE TYPE I OR II CONFORMING TO ASTM C-150. CONCRETE SHALL DEVELOP A MINIMUM 28 DAY STRENGTH AND DENSITY AS FOLLOWS:
4" SLAB ON GRADE STRENGTH (PSI) 4500 DENSITY (PCF) 145 - 150
3. AGGREGATE SHALL BE WELL GRADED AND SHALL CONFORM TO THE FOLLOWING:
ALL ELEMENTS (DENSITY 145 - 150 PCF) 1" COARSE AGGREGATE (ASTM C-33)
4. CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW IN ADVANCE OF CONCRETE PLACEMENT. CONCRETE MIX DESIGN SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS BY EITHER THE TRIAL BATCH OR FIELD EXPERIENCE METHOD AND SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF GEORGIA. RESULTS OF ALL COMPRESSIVE STRENGTH TEST SHALL BE MADE AVAILABLE AT THE JOB SITE FOR REVIEW BY THE INSPECTOR.
5. ALL MIXING, TRANSPORTING, PLACING AND CURING OF CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE.
6. NO ADDITIONAL WATER SHALL BE ADDED TO CONCRETE AT THE JOB SITE.
7. MINIMUM CONCRETE COVER UNLESS NOTED OTHERWISE:
A. #11 BARS AND SMALLER 3/4" INCHES
B. UNFORMED SURFACE IN CONTACT WITH THE GROUND: 3" INCHES
C. BASEMENT WALLS: 2" INCHES EXTERIOR 3/4" INCHES INTERIOR
D. FORMED SURFACES EXPOSED TO EARTH OR WEATHER: #6 BARS AND LARGER 2" INCHES #5 BARS AND SMALLER 1 1/2" INCHES
E. FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER: BEAMS, GIRDERS AND COLUMNS: 1 1/2" INCHES SLABS, WALLS, AND JOISTS: 3/4" INCHES
8. SLAB-ON-GRADE SHALL BE SAW CUT NO MORE THAN 12 HOURS AFTER CONCRETE HAS BEEN FINISHED. CONTRACTOR TO SUBMIT LAYOUT AND CONSTRUCTION SCHEDULE (SOFT-CUT INTERNATIONAL OR SIM).
9. PLACEMENT OF CONCRETE, COLD WEATHER AND HOT WEATHER PRECAUTIONS, MATERIAL AND PROPORTIONING REQUIREMENTS, REBAR COVER AND DETAILING SHALL CONFORM TO REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE (ACI) 318-14.
10. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS FOR SLAB FINISHES, SLAB DEPRESSIONS, ELEVATIONS AND ENCASED OR EMBEDDED ITEMS.
11. PIPES AND CONDUITS EMBEDDED IN CONCRETE SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
A. NO MATERIAL HARMFUL TO CONCRETE (SUCH AS, BUT NOT LIMITED TO, ALUMINUM) IS PERMITTED.
B. NO EMBEDMENT OR PENETRATION WHICH IMPAIRS THE STRUCTURAL STRENGTH OR INTEGRITY IS PERMITTED.
C. CONDUITS AND PIPES SHALL NOT HAVE A DIAMETER THAT EXCEEDS 1/3 THE OVERALL THICKNESS OF THE STRUCTURAL ELEMENT IN WHICH THEY ARE EMBEDDED.
D. MINIMUM CENTER TO CENTER SPACING SHALL NOT BE CLOSER THAN 3 DIAMETERS OR WIDTHS.
E. PLACEMENT SHALL OCCUR ABOVE BOTTOM LAYER OF REINFORCEMENT AND BELOW TOP LAYER OF REINFORCEMENT AND SHALL NOT CAUSE REINFORCEMENT TO BE CUT, BENT OR DISPLACED IN ANY MANNER.
F. PLACEMENT SHALL MAINTAIN A MINIMUM CLEARANCE FROM REINFORCEMENT OF 3 REINFORCING BAR DIAMETERS OR 3/4" FROM WELDED WIRE FABRIC REINFORCEMENT.
G. PLUMBING AND ELECTRICAL CONDUITS SHALL BE PLACED BELOW SLAB ON GRADE.

- 12. UNLESS NOTED OTHERWISE, PROVIDE CONTROL JOINTS IN SLABS ON GRADE NOT TO EXCEED 15 FEET ON CENTER IN EACH DIRECTION, UNLESS OTHERWISE APPROVED BY THE STRUCTURAL ENGINEER.
13. FORMING SHALL BE OF WOOD, STEEL, OR FIBERGLASS OF SATISFACTORY QUALITY AND CONDITION.
14. NO ADMIXTURES SHALL BE ADDED TO THE CONCRETE UNLESS APPROVED BY THE ENGINEER.
15. REINFORCING SHALL CONFORM TO ASTM A615, GR60 UNLESS NOTED OTHERWISE.
16. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 GRADE 60.
17. REINFORCING STEEL AND ACCESSORIES SHALL BE DETAILED IN ACCORDANCE WITH ACI 315 (MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES) AND CRSI MSP-1 (MANUAL OF STANDARD PRACTICE) LATEST EDITION.
18. ALL CONTINUOUS REINFORCEMENT SHALL HAVE MINIMUM LAP OF 8" TYPE (ACI 318-14, SECTION 25.5.2) AT SPLICES UNLESS NOTED OTHERWISE.
19. PROVIDE REINFORCING CHAIRS FOR ALL SLAB-ON-GRADE REINFORCING.
20. SUBMIT REINFORCING PLACEMENT AND DETAIL (SHOP) DRAWINGS FOR REVIEW. NO REINFORCING BARS SHALL BE INSTALLED UNTIL THE SHOP DRAWINGS HAVE BEEN REVIEWED AND RETURNED.
21. ALL REINFORCING SHALL BE SUPPORTED IN FORMS SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRED TOGETHER IN ACCORDANCE WITH CRSI MANUAL OF STANDARD PRACTICE (27TH EDITION).
22. WHERE WELDED WIRE FABRIC REINFORCEMENT IS SPECIFIED IN SLABS ON GRADE PLACEMENT SHALL BE 1" BELOW TOP OF SLAB. OVERLAP EACH REINFORCING SHEET TWO FULL PANELS AND THE CROSS WIRES ON EACH SIDE.
23. SCHEDULED OR DETAILED REINFORCING STEEL SHALL NOT BE TACK WELDED FOR ANY REASON. WELDED REINFORCING STEEL AND/OR SPLICES ARE PERMITTED ONLY WHERE SHOWN ON DRAWINGS. WHERE WELDING IS PERMITTED IT SHALL CONFORM TO AWS D14, STRUCTURAL WELDING CODE - REINFORCING STEEL.
24. BASE PLATES, ANCHOR RODS, SUPPORT ANGLES, ETC. BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 4" OF CONCRETE.
25. WHERE FOOTINGS, WALLS, OR OTHER STRUCTURAL ELEMENTS INTERSECT, CORNER OR TEE, PROVIDE CORNER BARS WITH REQUIRED LAP LENGTHS TO PROVIDE CONTINUITY OF HORIZONTAL STEEL REINFORCING UNLESS NOTED OTHERWISE.

WOOD FRAMING:

- 1. ALL WOOD DESIGN AND CONSTRUCTION SHALL CONFORM TO THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION (ANSI/AWC NDS-2018) AND RELATED SUPPLEMENTS.
2. UNLESS NOTED, USE SPRUCE PINE FIR (E=1800 KSI MIN) UNO, 19% MAX MOISTURE CONTENT, AS FOLLOWS:
POST, BEAMS & HEADERS No 2 (SOUTHERN PINE)
LOAD BEARING STUDS (INTERIOR & EXTERIOR) No 2
NON-LOAD BEARING STUDS (INTERIOR) STUD GRADE
JOISTS & PURLINS No 2
PLATES, BLOCKING & SUB-PURLINS No 2
3. ALL WOOD IN CONTACT WITH CONCRETE, MASONRY OR SOIL OR PERMANENTLY EXPOSED TO WEATHER SHALL BE PRESURE TREATED.
4. AT STUD WALL OPENINGS, THE TOTAL NUMBER OF DISPLACED AND/OR CUT STUDS SHALL BE INSTALLED AND ATTACHED TO THE JAMBS, ONE-HALF OF THE TOTAL TO EACH SIDE OF THE OPENING (TOTAL NUMBER INCLUDING JACK AND KING STUDS.)
5. METAL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS SO THAT THE MAXIMUM PUBLISHED CAPACITY IS DEVELOPED.
6. WHERE NO CONNECTION IS INDICATED ON THE DRAWINGS, ATTACHMENT SHALL BE MADE IN ACCORDANCE TO TABLE 2304.9.1 FASTENING SCHEDULE IN THE INTERNATIONAL BUILDING CODE.
7. ALL CONNECTORS SHALL BE #90 GALVANIZED STEEL, EXCEPT CONNECTORS IN CONTACT WITH PRESURE TREATED, FIRE-RETARDANT OR WOL-MANIZED WOOD SHALL BE COATED WITH G185 ZINC COATING.
8. FURNISH BOLTS AND ANCHOR RODS WITH STANDARD NUT WASHER.
9. TOE NAILS SHALL BE DRIVEN AT A 30° ANGLE RELATIVE TO PIECE. START NAIL AT ONE-THIRD NAIL LENGTH FROM THE END OF PIECE.
10. ALL LOAD BEARING STUD WALLS (INTERIOR & EXTERIOR) SHALL HAVE CONTINUOUS HORIZONTAL BLOCKING AT 4'-0" O.C. (MAX) VERTICALLY PRIOR TO APPLYING ANY LOADS (INCLUDING FRAMING FOR FLOORS ABOVE).
11. WHERE (2)-2x AND (2)-2x + 1/2" PLYWOOD PLATE BEAMS ARE DESIGNATED, SPIKE PLATES TOGETHER WITH 12d NAILS @ 12" O.C. 1" FROM TOP AND 1" FROM BOTTOM OF PLATE.
12. WHERE (3)-2x AND LARGER BEAMS ARE DESIGNATED, PLATES SHALL BE BOLTED TOGETHER WITH 1/2" BOLTS @ 30" O.C. 1 1/2" FROM TOP AND BOTTOM. BOLTS SHALL HAVE MINIMUM BENDING YIELD (Fy) OF 45,000 PSI.
13. WHERE STUD PACK WOOD COLUMNS ARE DESIGNATED, SPIKE STUDS TOGETHER WITH 16d NAILS @ 12" O.C. (VERTICALLY).
14. STUD PACK OR SOLID SAWN WOOD COLUMNS SHALL BE CONTINUOUS FROM LOCATION SHOWN TO THE FOUNDATION. BLOCK FLOOR CAVITY SOLID BELOW WOOD COLUMN (WIDTH EQUAL TO WOOD COLUMN) TO ACHIEVE CONTINUITY.
15. FINGER-JOINTED LUMBER IS PERMISSIBLE AT WALL STUDS ONLY.
16. STRUCTURAL ELEMENTS SHALL NOT BE CUT TO INSTALL PLUMBING OR WIRING UNLESS METAL OR WOOD SIDE PLATES ARE PROVIDED TO STRENGTHEN THE MEMBER. PENETRATIONS IN FLOOR AND WALL SHEATHING IS PERMITTED PROVIDED THAT 2x BLOCKING IS INSTALLED AT OPENING PERIMETER (FOR OPENINGS LARGER THAN 10" IN LENGTH/DIAMETER) AND WALL FRAMING IS NOT INTERRUPTED.
17. DOUBLE TOP PLATES ((2)-2x) AT ALL WALLS SHALL BE LAPPED AT CORNERS AND INTERSECTIONS AND FASTENED IN ACCORDANCE WITH TABLE 2304.10.1 FASTENING SCHEDULE IN THE INTERNATIONAL BUILDING CODE, UNLESS NOTED OTHERWISE. OFFSET DOUBLE PLATE END JOINTS 24" (MIN).
18. WALL SHEATHING NOTED ON STRUCTURAL DRAWINGS SHALL BE ATTACHED DIRECTLY TO THE FACE OF FRAMING MEMBERS. SEE ARCHITECTURAL DRAWINGS FOR ALL NON-STRUCTURAL SHEATHING REQUIREMENTS. WHERE ARCHITECTURAL DRAWINGS REQUIRE ADDITIONAL SHEATHING, SUCH SHEATHING SHALL BE ATTACHED TO THE OUTSIDE FACE OF STRUCTURAL SHEATHING.
19. ANCHOR ALL EXTERIOR, INTERIOR LOAD BEARING AND SHEAR WALLS TO ANCHOR RODS OR EPOXY ANCHORS PER STRUCTURAL DRAWINGS. OTHER WALLS (WALLS NOT ON THICKENED SLABS OR TURNDOUN) SHALL BE ANCHORED TO SLAB USING POWDER ACTUATED FASTENERS WITH 0.144x AND EMBEDMENT OF 3/4" AT 12" O.C. (MAX).
20. PROVIDE ONE ROW OF BRIDGING FOR EACH 8'-0" LENGTH OF ROOF FRAMING MEMBERS.

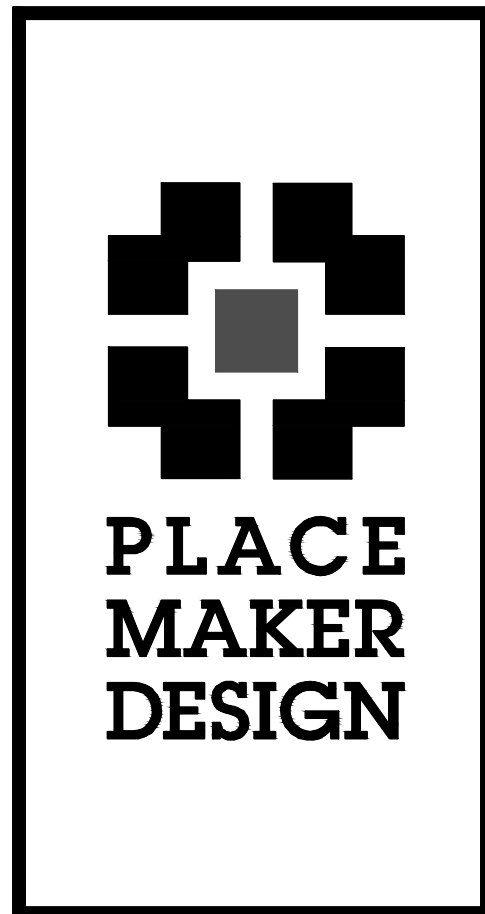


Table with 3 columns: REV #, DATE, DESCRIPTION



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GENERAL NOTES
S0.1

PLYWOOD DECKING:

1. DECKING SHALL BE 3/4" APA RATED PLYWOOD SHEATHING 48/24.
2. DECKING SHALL BE 5/8" APA-CDX RATED PLYWOOD SHEATHING 32/16 (EXPOSURE 1).
3. ORIENT LONG SIDE OF PANEL PERPENDICULAR TO SUPPORT. END JOINT SHALL BE ALIGNED WITH THE MIDPOINT OF THE TWO ADJACENT PANELS. NO CONTINUOUS PANEL JOINTS ARE PERMITTED. PANELS SHALL BE CONTINUOUS OVER TWO OR MORE SPANS (NO SINGLE SPAN CONDITIONS).
4. ATTACHMENT OF PANEL TO WOOD FRAMING MEMBERS SHALL BE 10d NAILS AT THE FOLLOWING SPACINGS, UNLESS OTHERWISE NOTED:
 4" AT ROOF PERIMETER
 6" AT PANEL EDGES
 12" AT INTERMEDIATE SUPPORTS
5. EDGE SUPPORTS SHALL BE PROVIDED AS RECOMMENDED BY THE AMERICAN PLYWOOD ASSOCIATION (APA) BY USE OF PANEL CLIPS OR WOOD BLOCKING BETWEEN TRUSSES. PANEL END JOINTS SHALL OCCUR OVER FRAMING. PANELS SHALL BE BLOCKED AT PERIMETER OF ROOF AND AT DIRECTIONAL CHANGES.

VERIFICATION AND SPECIAL INSPECTION:

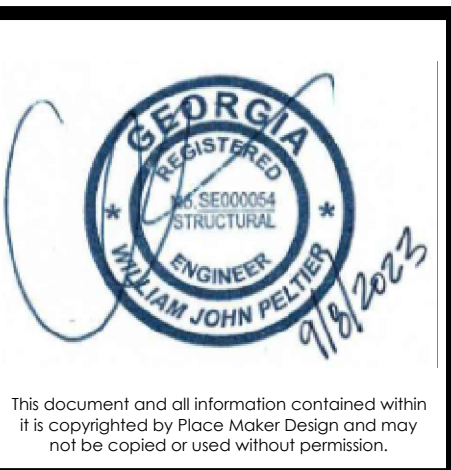
1. THE PROJECT OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PERFORM INSPECTIONS AND TESTING DURING CONSTRUCTION FOR THE TYPES OF WORK INDICATED BY IBC SECTIONS 1704, 1705, 1706, AND 1707. SUBMIT DOCUMENTATION THAT SUMMARIZES THE QUALIFICATIONS AND CREDENTIALS OF EACH SPECIAL INSPECTOR AND DEMONSTRATES COMPETENCE FOR THE BUILDING INSPECTOR FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
2. APPROVED SPECIAL INSPECTORS SHALL FURNISH INSPECTION AND TESTING REPORTS TO THE OWNER, ARCHITECT AND BUILDING OFFICIAL AND STRUCTURAL ENGINEER OF RECORD WHICH INDICATES THE WORK INSPECTED WAS DONE IN CONFORMANCE WITH APPROVED CONSTRUCTION DOCUMENTS. REPORTS WHICH DOCUMENT THE RESULTS OF THE SPECIAL INSPECTIONS SHALL BE SUBMITTED PERIODICALLY AT A FREQUENCY APPROVED BY THE BUILDING OFFICIAL PRIOR TO CONSTRUCTION. A FINAL REPORT DOCUMENTING ALL THE WORK HAS BEEN PERFORMED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS SHALL BE SUBMITTED AT THE END OF THE PROJECT.
3. SPECIAL INSPECTION REPORTS AND A FINAL REPORT IN ACCORDANCE WITH SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF THE WORK IS APPROVED FOR OCCUPANCY.
4. SEE THE PROJECT SPECIFICATIONS AND SECTION 1704 OF THE BUILDING CODE FOR FULL CRITERIA AND EXCEPTIONS FOR INSPECTION REQUIREMENTS.

DEFINITIONS:

1. SPECIAL INSPECTION, PERIODIC: A PART-TIME OR INTERMITTENT OBSERVATION WORK BEING PERFORMED REQUIRING A PRESENCE WHEN THE WORK IS BEING PERFORMED AND AFTER COMPLETION OF THE WORK. PRESENCE AT THE JOB SITE SHALL BE WEEKLY AT MINIMUM OR GREATER AS REQUESTED BY THE OWNER.
2. SPECIAL INSPECTION, CONTINUOUS: A FULL-TIME OBSERVATION OF WORK REQUIRING CONTINUOUS JOBSITE PRESENCE WHEN AND WHERE THE WORK IS BEING PERFORMED.



REV #	DATE	DESCRIPTION



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SHEET TITLE
GENERAL NOTES

SHEET #
S0.2

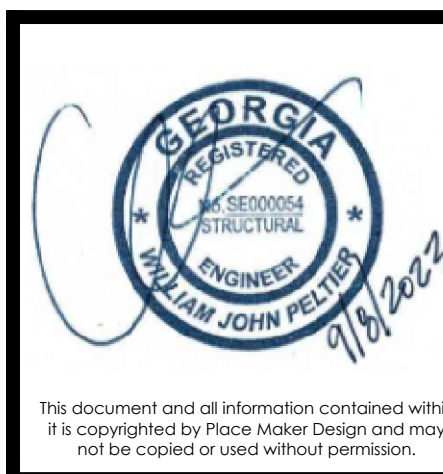
Table 2304.10.1 - Fastening Schedule			
DESCRIPTION OF BUILDING ELEMENTS	ILLUSTRATION	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
Roof			
1. Blocking between ceiling joists, rafters, or trusses to top plate or other framing below.		3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each end, toenail
Blocking between rafters or truss not at the wall top plate, to rafter or truss		2-8d common (2 1/2" x 0.131") 2-3" x 0.131" nails 2-3" 14 gage staples	Each end, toenail
		2-16d common (3 1/2" x 0.162") 3-3" x 0.131" nails 3-3" 14 gage staples	End nail
Flat Blocking to truss and web filler		16d common (3 1/2" x 0.162") @ 6" o.c. 3" x 0.131" nails @ 6" o.c. 3" x 14 gage staples @ 6" o.c.	Face nail
2. Ceiling joists to top plate		3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each joist, toenail
3. Ceiling joist not attached to parallel rafter, laps over partitions (no thrust)		3-16d common (3 1/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Face nail
4. Ceiling joist attached to parallel rafter (heel joint) (see Section 2308.7.3.1, Table 2308.7.3.1)		Per Table 2308.7.3.1, min of 3-16d common (3 1/2" x 0.162")	Face nail
5. Collar tie to rafter		3-10d common (3" x 0.148"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Face nail
6. Rafter or roof truss to top plate (See Section 2308.7.5, Table 2308.7.5)		3-10 common (3" x 0.148"); or 3-16d box (3 1/2" x 0.135"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Toenail
7. Roof rafters to ridge valley or hip rafters; or roof rafter to 2-inch ridge beam		2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown; or	End nail
		3-10d common (3" x 0.148"); or 4-16d box (3 1/2" x 0.135"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Toenail
Wall			
8. Stud to stud (not at braced wall panels)		16d common (3 1/2" x 0.162"); 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3-3" 14 gage staples 7/16" crown	24" o.c. face nail
		16d common (3 1/2" x 0.162"); or 16d box (3 1/2" x 0.135"); or 3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	16" o.c. face nail
9. Stud to stud and abutting studs at intersecting wall corners (at braced wall panels)		16d common (3 1/2" x 0.162"); or 16d box (3 1/2" x 0.135"); or 3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	16" o.c. face nail
10. Built-up header (2" to 2" header)		16d common (3 1/2" x 0.162"); or 16d box (3 1/2" x 0.135")	16" o.c. each edge, face nail
11. Continuous header to stud		4-8d common (2 1/2" x 0.131"); or 4-10d box (3" x 0.128")	Toenail
12. Top plate to top plate		16d common (3 1/2" x 0.162"); or 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	12" o.c. face nail
13. Top plate to top plate, at end joints		8-16d common (3 1/2" x 0.162"); or 12-10d box (3" x 0.128"); or 12-3" x 0.131" nails; or 12-3" 14 gage staples, 7/16" crown	Each side of end joint, face nail (minimum 24" lap splice length each side of end joint)
14. Bottom plate to joist, rim joist, band joist, or blocking (not at braced wall panels)		16d common (3 1/2" x 0.162"); or 16d box (3 1/2" x 0.135"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	16" o.c. face nail
		2-16d common (3 1/2" x 0.162"); or 3-16d box (3" x 0.135"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	16" o.c. face nail
16. Stud to top or bottom plate		4-8d common (2 1/2" x 0.131"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown; or	Toenail
		2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	End nail
17. Top plates, laps at corners and intersections		2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Face nail
18. 1" brace to each stud and plate		2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2-3" x 0.131" nails; or 2-3" 14 gage staples, 7/16" crown	Face nail
19. 1" x 6" sheathing to each bearing		2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128")	Face nail
20. 1" x 8" and wider sheathing to each bearing		3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128")	Face nail

Floor			
DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION	
21. Joist to sill, top plate, or girder		3-8d common (2 1/2" x 0.131"); or floor 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Toenail
22. Rim joist, band joist, or blocking to top plate, sill or other framing below		8d common (2 1/2" x 0.131"); or 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	6" o.c., toenail
23. 1" x 6" subfloor or less to each joist		2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128")	Face nail
24. 2" subfloor to joist or girder		2-16d common (3 1/2" x 0.162")	Face nail
25. 2" planks (plank & beam - floor & roof)		2-16d common (3 1/2" x 0.162")	Each bearing, face nail
26. Built-up girders and beams, 2" lumber layers		20d common (4" x 0.192")	32" o.c., face nail at top and bottom staggered on opposite sides
		10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	24" o.c. face nail at top and bottom staggered on opposite sides
		And: 2-20d common (4" x 0.192"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Ends and at each splice, face nail
27. Ledger strip supporting joists or rafters		3-16d common (3 1/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Each joist or rafter, face nail
28. Joist to band joist or rim joist		3-16d common (3 1/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	End nail
29. Bridging or blocking to joist, rafter or truss		2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2-3" x 0.131" nails; or 2-3" 14 gage staples, 7/16" crown	Each end, toenail
Wood structural panels (WSP), subfloor, roof and interior wall sheathing to framing or particleboard wall sheathing to framing			
30. 3/8" - 1/2"		6d common or deformed (2" x 0.113") (subfloor and wall)	Edges (inches) 12
		8d common or deformed (2 1/2" x 0.131") (roof) or RRS-01 (2 3/8" x 0.113") nail (roof/d)	6
		2 3/8" x 0.113" nail (subfloor and wall)	6
		1 3/4" 16 gage staple, 7/16" crown (subfloor and wall)	4
		2 3/8" x 0.113" nail (roof)	4
		1 3/4" 16 gage staple, 7/16" crown (roof)	3
31. 19/32" - 3/4"		8d common (2 1/2" x 0.131"); or 6d deformed (2" x 0.113") (subfloor and wall)	12
		8d common or deformed (2 1/2" x 0.131") (roof) or RRS-01 (2 3/8" x 0.113") nail (roof/d)	6
		2 3/8" x 0.113" nail; or 2" 16 gage staple, 7/16" crown	4
32. 7/8" - 1 1/4"		10d common (3" x 0.148"); or 8d deformed (2 1/2" x 0.131")	12
Other exterior wall sheathing			
33. 1/2" fiberboard sheathingb		1 1/2" galvanized roofing nail (7/16" head diameter); or 1 1/4" 16 gage staple with 7/16" or 1" crown	6
34. 25/32" fiberboard sheathingb		1 3/4" galvanized roofing nail (7/16" diameter head); or 1 1/2" 16 gage staple with 7/16" or 1" crown	6
Wood structural panels, combination subfloor underlayment to framing			
35. 3/4" and less		8d common (2 1/2" x 0.131"); or 6d deformed (2" x 0.113")	12
36. 7/8" - 1"		8d common (2 1/2" x 0.131"); or 8d deformed (2 1/2" x 0.131")	12
37. 1 1/8" - 1 1/4"		10d common (3" x 0.148"); or 8d deformed (2 1/2" x 0.131")	12
Panel siding to framing			
38. 1/2" or less		6d corrosion-resistant siding (1 7/8" x 0.106"); or 6d corrosion-resistant casing (2" x 0.099")	12
39. 5/8"		8d corrosion-resistant siding (2 3/8" x 0.128"); or 8d corrosion-resistant casing (2 1/2" x 0.113")	12
Interior paneling			
40. 1/4"		4d casing (1 1/2" x 0.080"); or 4d finish (1 1/2" x 0.072")	12
41. 3/8"		6d casing (2" x 0.099"); or 6d finish (Panel supports at 24 inches)	12

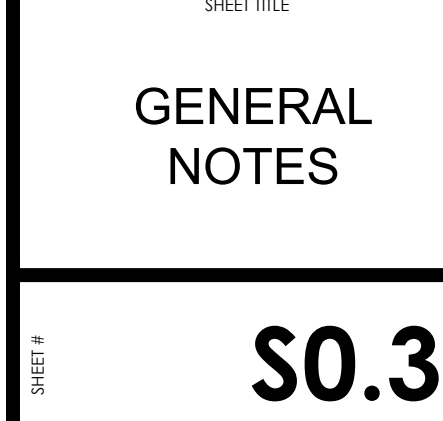
For S1: 1 inch = 25.4mm
a. Nails spaced at 6 inches at intermediate supports where spans are 48 inches or more. For nailing of wood structural panel and particleboard diaphragms and shear walls, refer to Section 2305. Nails for wall sheathing are permitted to be common, box or casing.
b. Spacing shall be 6 inches on center on the edges and 12 inches on center at intermediate supports for nonstructural applications. Panel supports at 16 inches (20 inches if strength axis in the long direction of the panel, unless otherwise marked).
c. Where a rafter is fastened to an adjacent parallel ceiling joist in accordance with this schedule and the ceiling joist is fastened to the top plate in accordance with this schedule, the number of toenails in the rafter shall be permitted to be reduced by one nail.
d. RRS-01 is a Roof Sheathing Ring Shank nail meeting the specifications in ASTM F1667.



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REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188

GEORGIA REGISTERED PROFESSIONAL ENGINEER
WILLIAM JOHN PELTIER
178223

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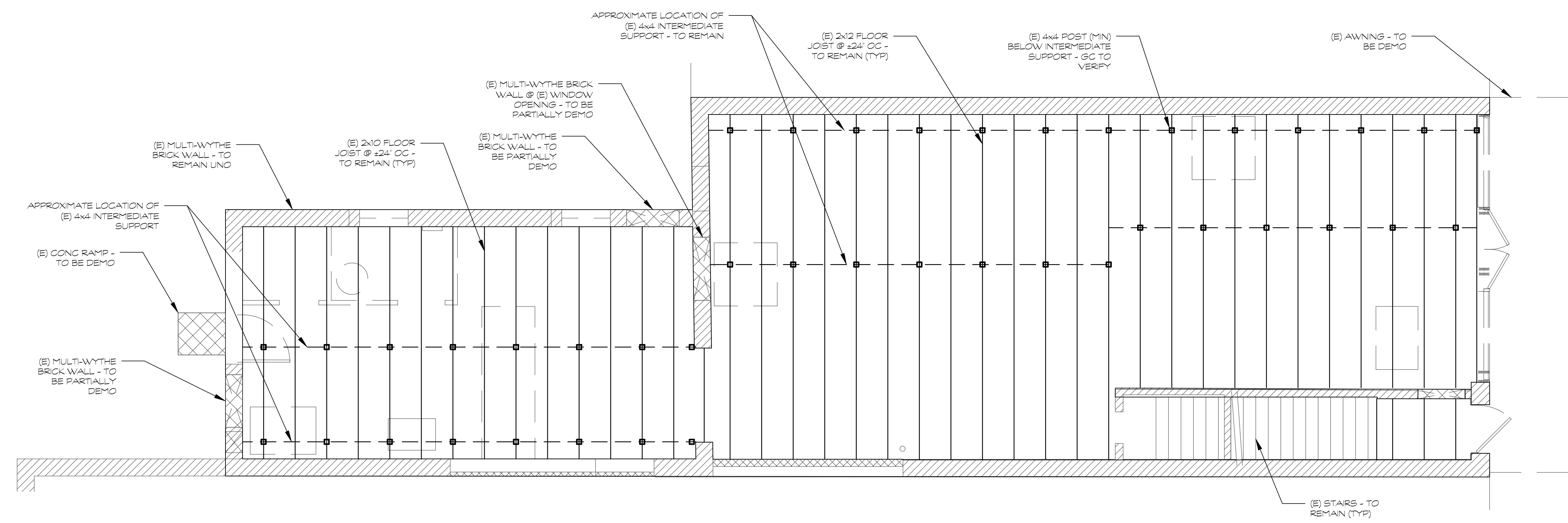
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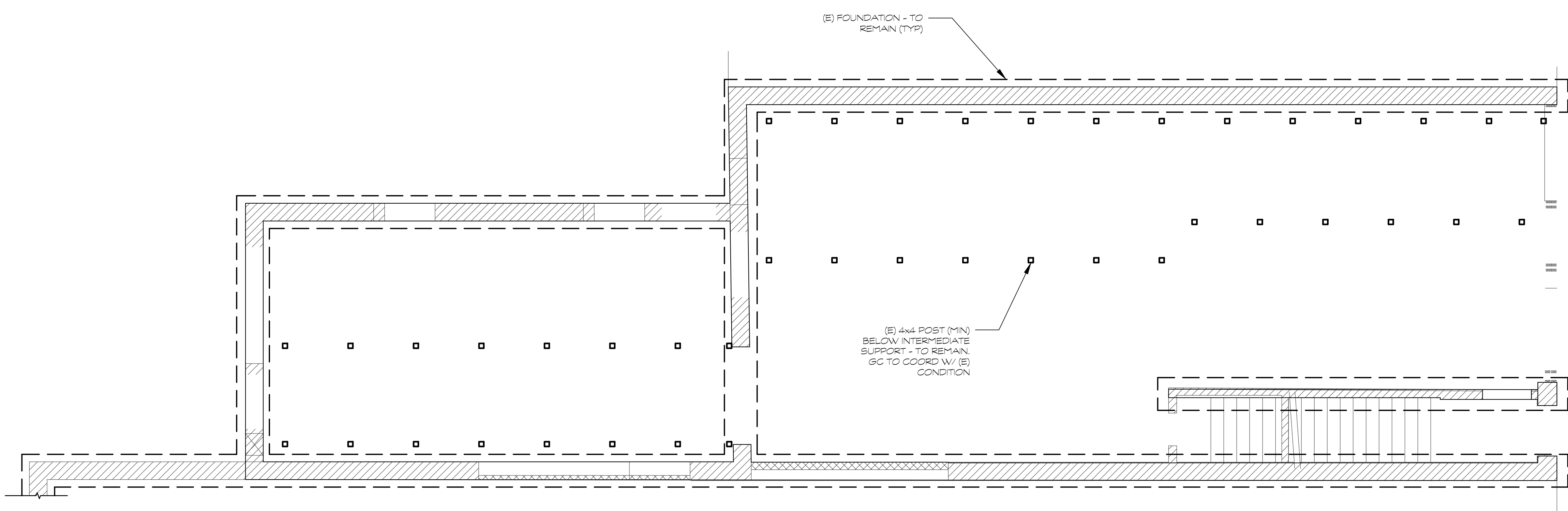
SHEET TITLE

FOUNDATION & MAIN LEVEL DEMO PLANS

SHEET # **S1.0**



2 MAIN LEVEL DEMO PLAN
S1.0 SCALE: 1/4" = 1'-0"



1 FOUNDATION DEMO PLAN
S1.0 SCALE: 1/4" = 1'-0"

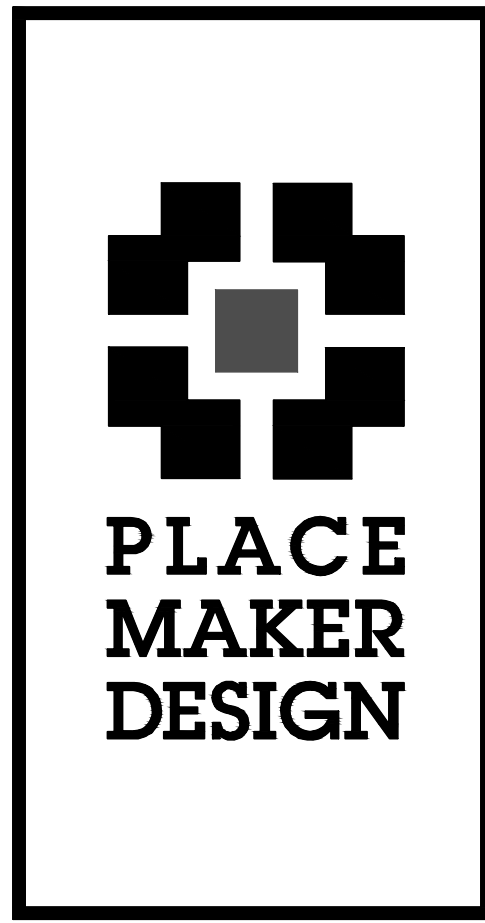


- TYPICAL DEMO PLAN NOTES**
- INDICATES STRUCTURAL DEMOLITION EXTENTS. SEE ARCH FOR FULL DEMOLITION EXTENTS
 - REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
 - (E) INDICATES EXISTING
(N) INDICATES NEW
 - GC TO VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS & FRAMING LOCATIONS.

EXISTING CONDITIONS DISCLAIMER

1. ASSUMPTIONS ON THE EXISTING STRUCTURE (NOTED AS '(E)' ON THE STRUCTURAL DRAWINGS) MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO EXECUTING WORK INCLUDED IN THIS SCOPE OF STRUCTURAL CONTRACT DOCUMENTS. THESE VERIFICATIONS MAY REQUIRE THE ALTERATION, DAMAGE, OR DESTRUCTION OF DESIRABLE OR OTHERWISE SERVICEABLE BUILDING COMPONENTS. ALTERATION, DAMAGE, OR DESTRUCTION OF SAID COMPONENTS SHALL NOT CONSTITUTE A BASIS OF CLAIMS AGAINST WILLIAM J. PELTIER AND ASSOCIATES. THE OWNER AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS WILLIAM J. PELTIER AND ASSOCIATES FROM ALL SUCH CLAIMS. DISCOVERY OF VARIATIONS FROM THESE ASSUMPTIONS MAY REQUIRE ADDITIONAL DESIGN SERVICES BY WILLIAM J. PELTIER AND ASSOCIATES WHICH WILL BE BILLED AT THE HOURLY RATE PER RATE SCHEDULE INCLUDED IN THE CONTRACT.

2. THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES BETWEEN ASSUMPTIONS AND ACTUAL FIELD CONDITIONS TO THE ENGINEER.

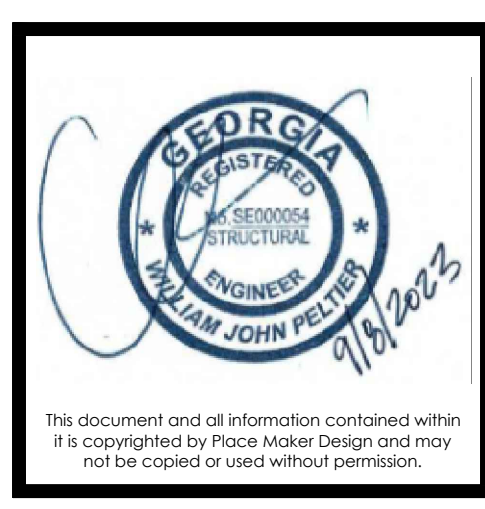


REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188



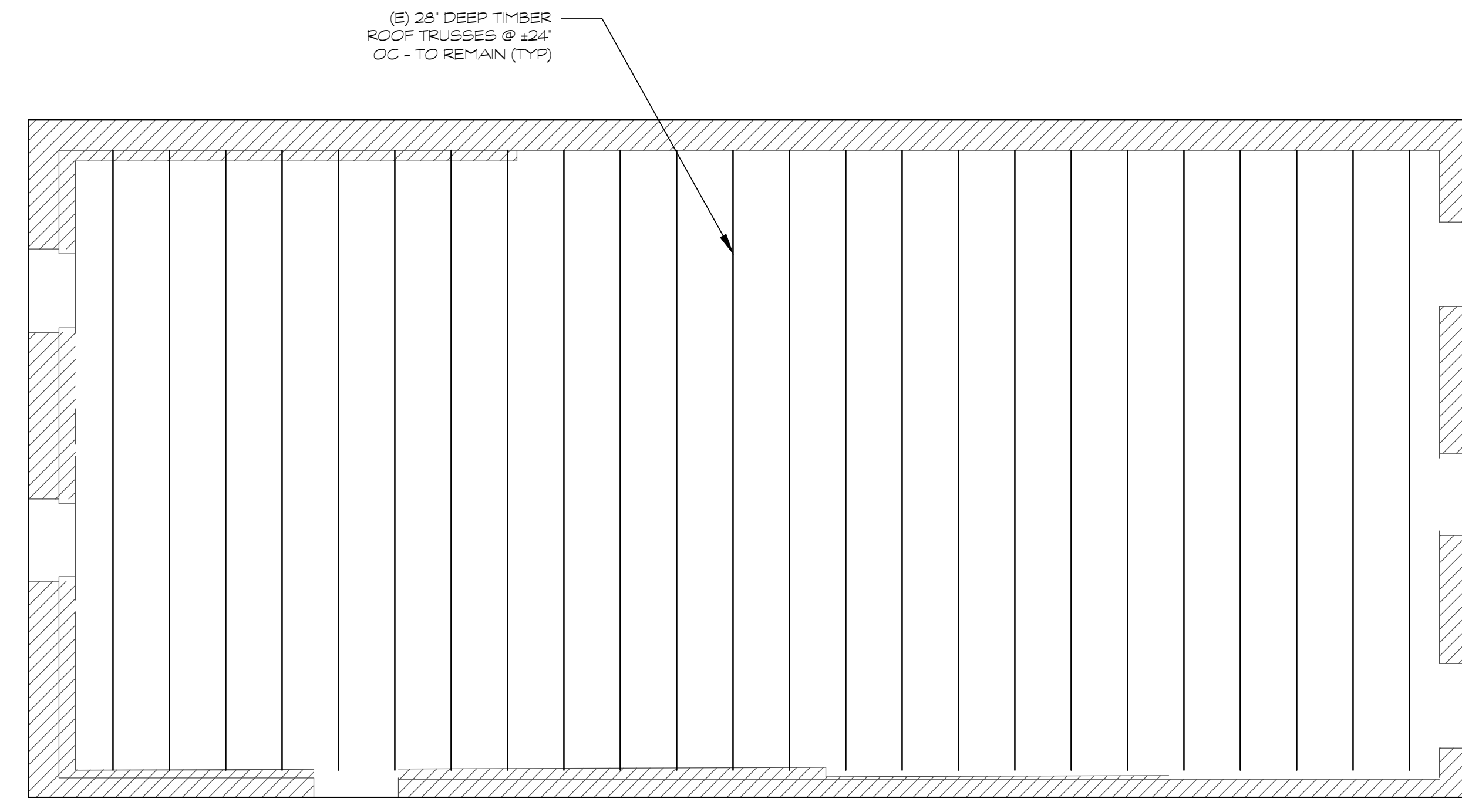
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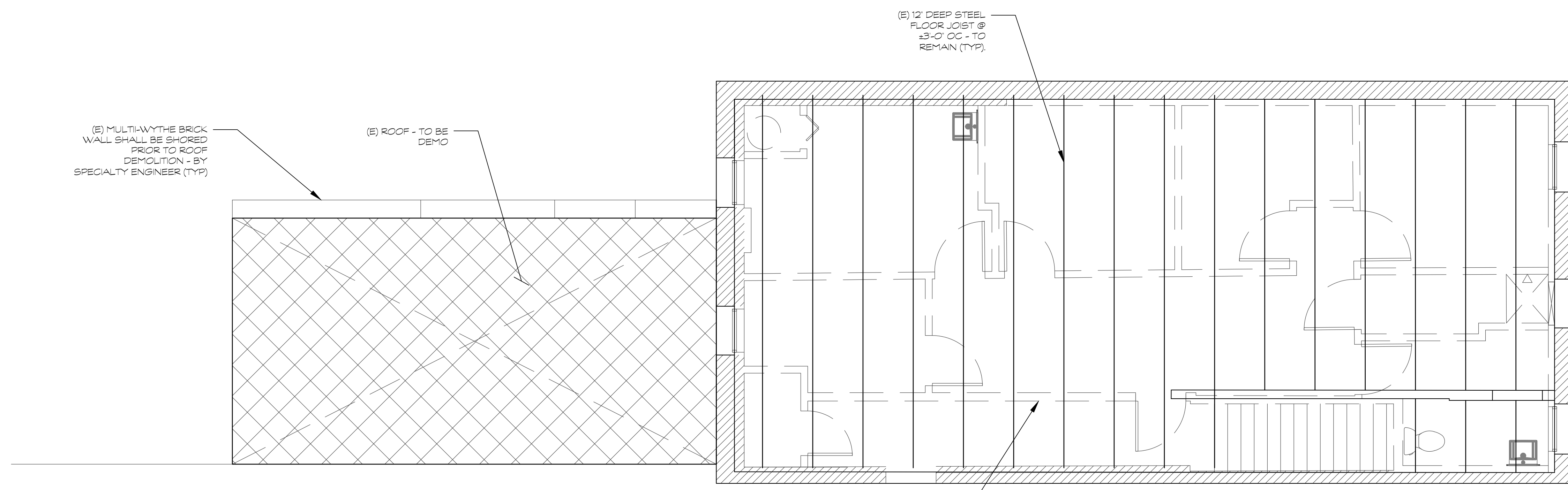
SHEET TITLE

UPPER LEVEL & ROOF DEMO PLANS

S1.1



2 ROOF DEMO PLAN
SCALE: 1/4" = 1'-0" - SEE S1.0 FOR TYP DEMO PLAN NOTES



1 UPPER LEVEL DEMO PLAN
SCALE: 1/4" = 1'-0" - SEE S1.0 FOR TYP DEMO PLAN NOTES

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1. ASSUMPTIONS ON THE EXISTING STRUCTURE (NOTED AS '(E)' ON THE STRUCTURAL DRAWINGS) MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO EXECUTING WORK INCLUDED IN THIS SCOPE OF STRUCTURAL CONTRACT DOCUMENTS. THESE VERIFICATIONS MAY REQUIRE THE ALTERATION, DAMAGE, OR DESTRUCTION OF DESIRABLE OR OTHERWISE SERVICEABLE BUILDING COMPONENTS. ALTERATION, DAMAGE, OR DESTRUCTION OF SAID COMPONENTS SHALL NOT CONSTITUTE A BASIS OF CLAIMS AGAINST WILLIAM J. PELTIER AND ASSOCIATES. THE OWNER AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS WILLIAM J. PELTIER AND ASSOCIATES FROM ALL SUCH CLAIMS. DISCOVERY OF VARIATIONS FROM THESE ASSUMPTIONS MAY REQUIRE ADDITIONAL DESIGN SERVICES BY WILLIAM J. PELTIER AND ASSOCIATES WHICH WILL BE BILLED AT THE HOURLY RATE PER RATE SCHEDULE INCLUDED IN THE CONTRACT.

2. THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES BETWEEN ASSUMPTIONS AND ACTUAL FIELD CONDITIONS TO THE ENGINEER.



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KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188

GEORGIA REGISTERED PROFESSIONAL ENGINEER
JOHN FELNER 178223

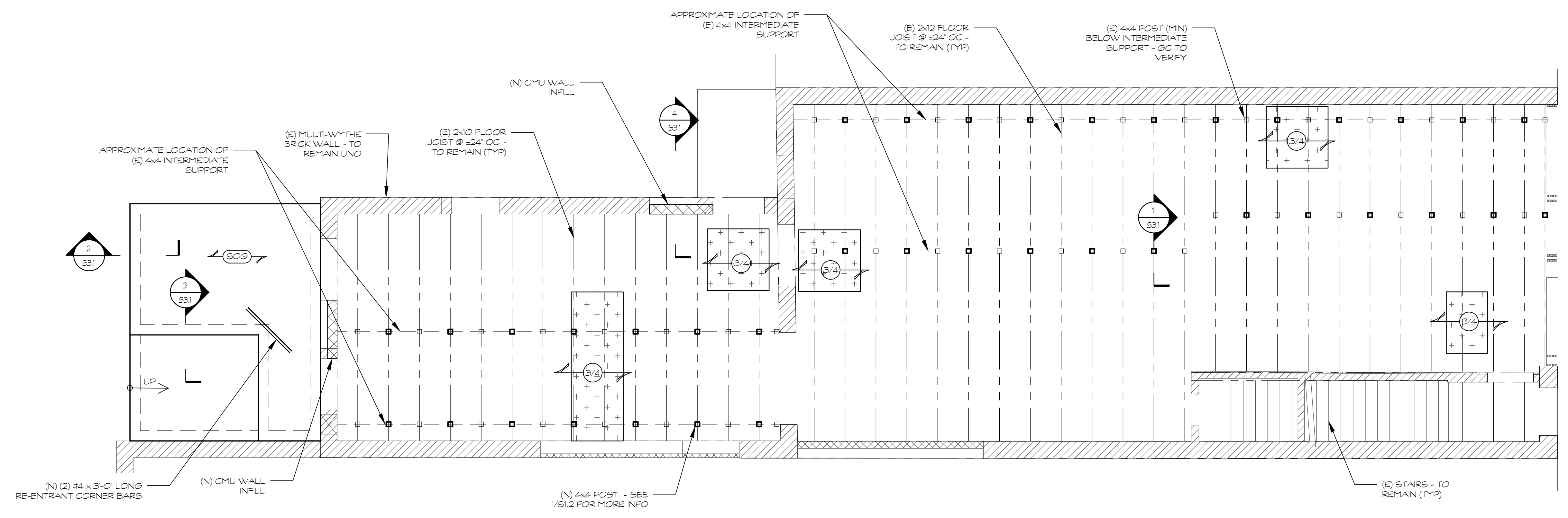
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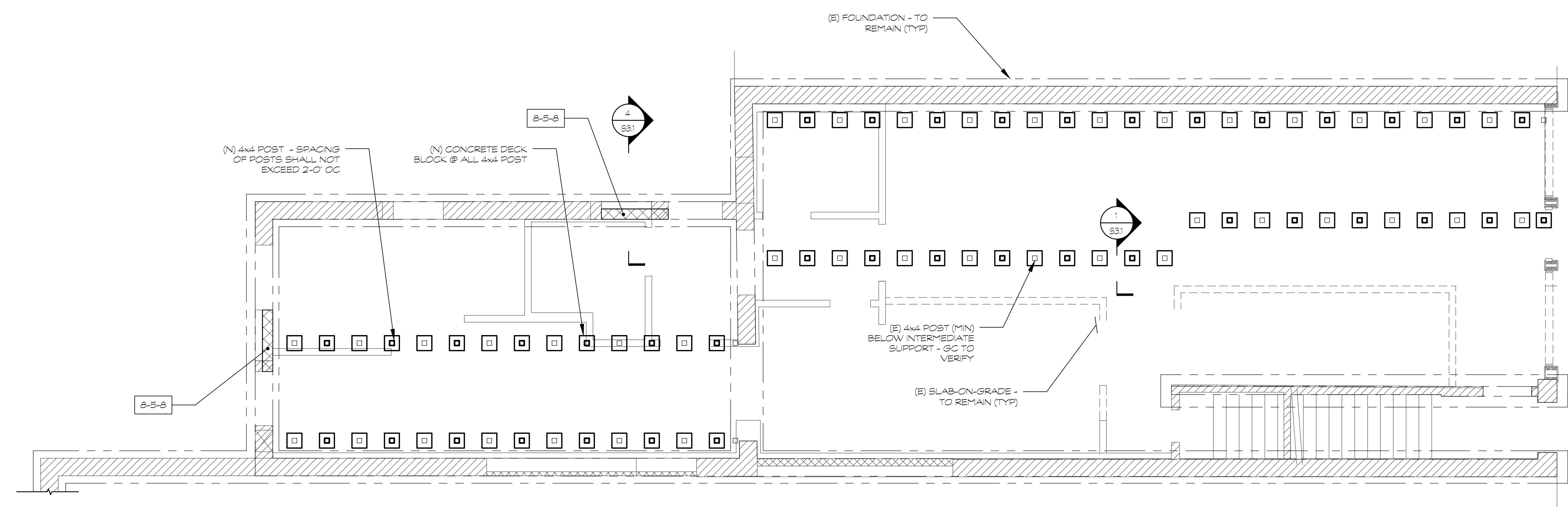
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FOUNDATION & MAIN LEVEL FRAMING PLANS

S1.2



2 MAIN LEVEL FRAMING PLAN
SCALE: 1/4" = 1'-0"



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

TYPICAL FOUNDATION PLAN NOTES:

- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
- (E) INDICATES EXISTING
(N) INDICATES NEW
- GC TO VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS & FRAMING LOCATIONS.
- | | |
|-------|---|
| X-XX | INDICATES CMU WALL REINFORCEMENT. ALL REINFORCEMENT TO BE CENTERED IN CELLS, AT MINIMUM. ALL REINFORCED CELLS SHALL BE GROUTED SOLID. ALL MASONRY WALLS SHALL HAVE LADDER TYPE HORIZONTAL REINFORCING (Ø 6A SIDE RODS) AT 16" OC UNO. |
| 3-3-3 | BAR SPACING (INCHES)
BAR SIZE
NOMINAL WALL SIZE (INCHES) |
| XXXX | INDICATES MASONRY SHEAR WALLS. SEE S4.1 FOR TYPICAL DETAILS. |

TYPICAL FLOOR FRAMING PLAN NOTES:

- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
- (E) INDICATES EXISTING
(N) INDICATES NEW
- GC TO VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS & FRAMING LOCATIONS.
- INDICATES SPAN OF 3/4" T&G PLYWOOD DECKING - GLUED & FASTENED W/ 10d COMMON NAIL @ 4" OC EDGE & 12" OC FIELD.
- SLAB ON GRADE SHALL BE 4" CONC SLAB (4500 PS) ON VAPOR RETARDER ON 4" GAB (GRADED AGGREGATE BASE) W/ (1) LAYER 6x6-W14x14 WWF 1" FROM TOP OF SLAB, UNO ON PLAN. ALL SLOPES TO DRAINS SHALL BE ACCOMMODATED BY SLOPING BOTTOM AND TOP OF SLAB AT THE SAME RATE PER 5/S4.2. PFE = SEE ARCH.

NOTES TO CONTRACTOR:

THE CONTRACTOR SHALL REFER TO THE PLUMBING, MECHANICAL, & ELECTRICAL DRAWINGS AND NOTE THE LOCATION OF ALL UNDERGROUND OR UNDER FLOOR PIPING & CONDUITS. THE CONTRACTOR SHALL INCORPORATE ALL FOOTING STEPS NECESSARY FOR THE REQUIREMENTS OF ALL UNDERGROUND OR UNDER FLOOR PLUMBING, MECHANICAL, AND ELECTRICAL PIPING. THE CONTRACTOR SHALL REFER TO THE TYPICAL FOUNDATION DETAILS 1-3/S4.2 WHEN PERFORMING THIS WORK. LOCATION OF ALL STEPPED FOOTINGS ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL STEP FOOTING LOCATIONS SHALL BE SHOWN ON THE FOUNDATION SHOP DRAWINGS AND REVIEWED BY THE SEOR PRIOR TO INSTALLATION.

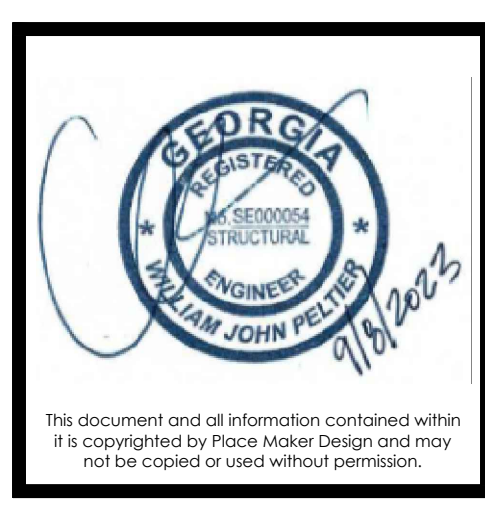


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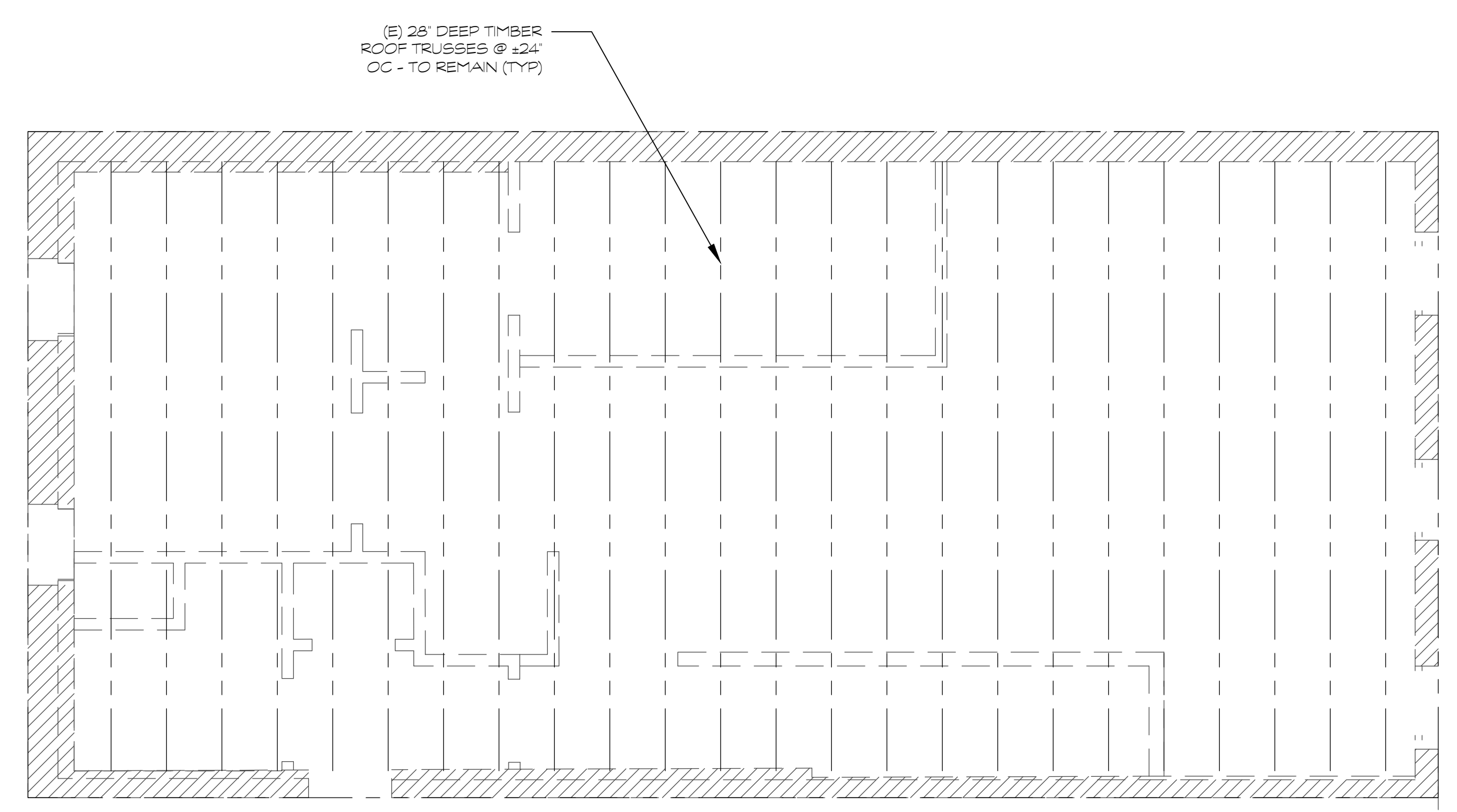
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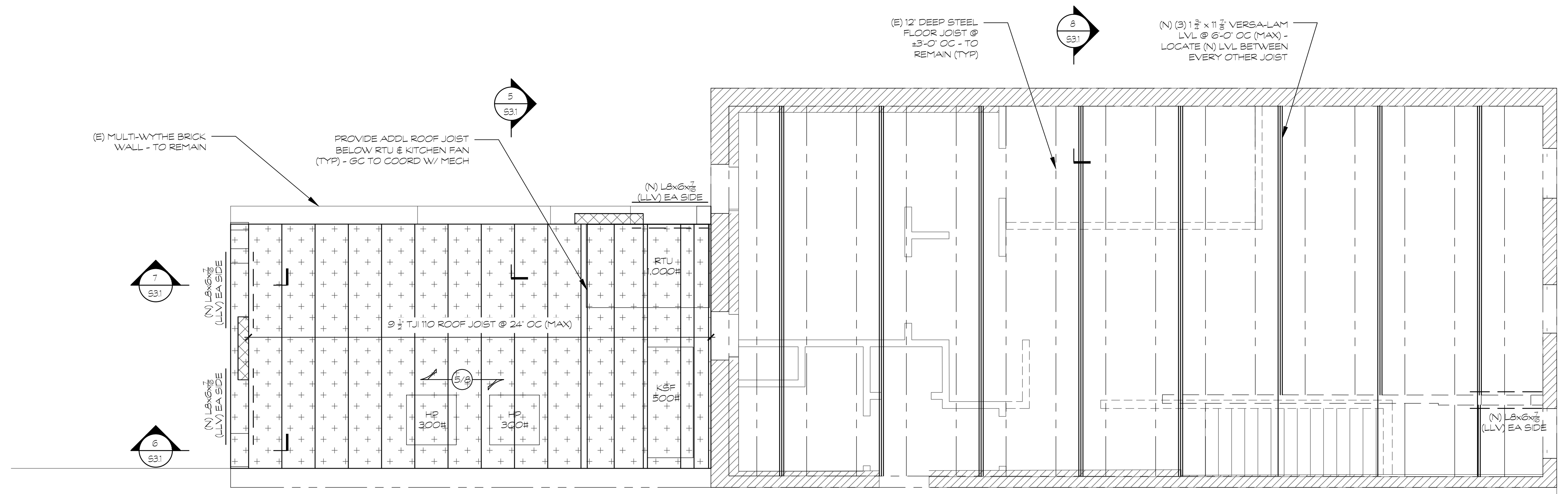
SHEET #

UPPER LEVEL & ROOF FRAMING PLANS

S1.3

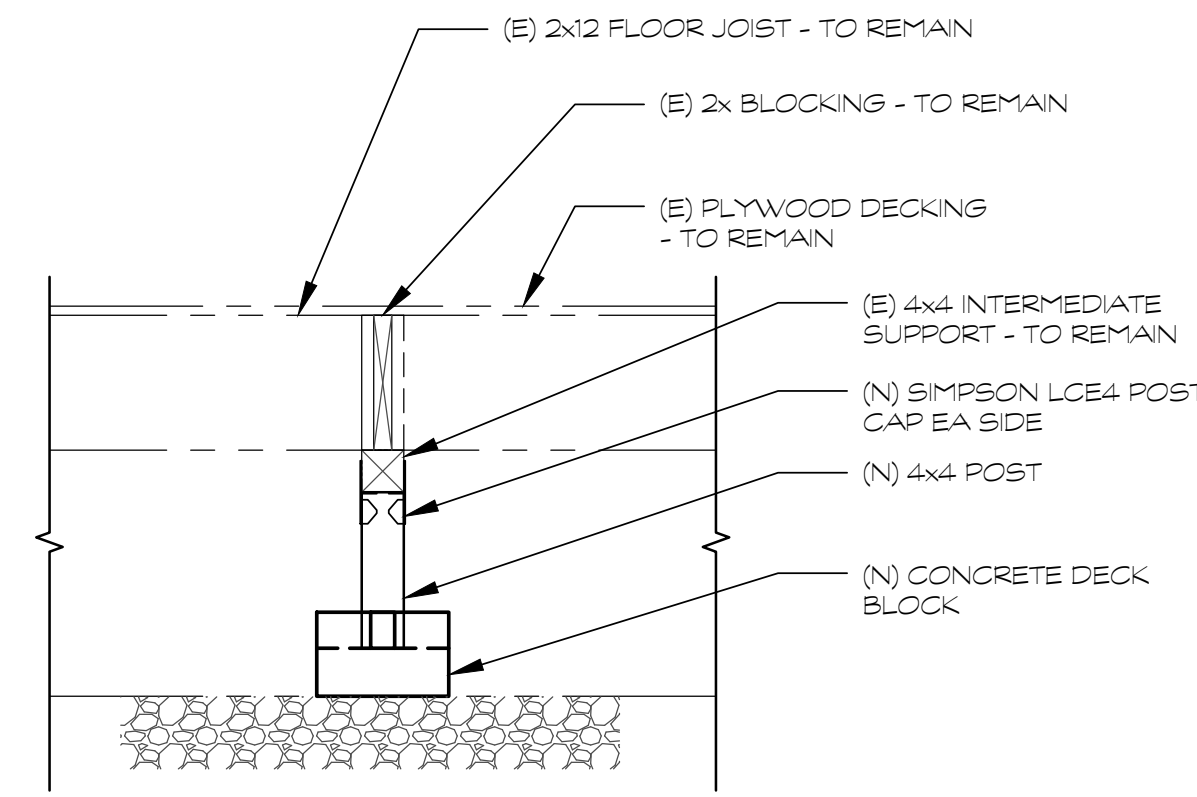


2 ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"
S1.3



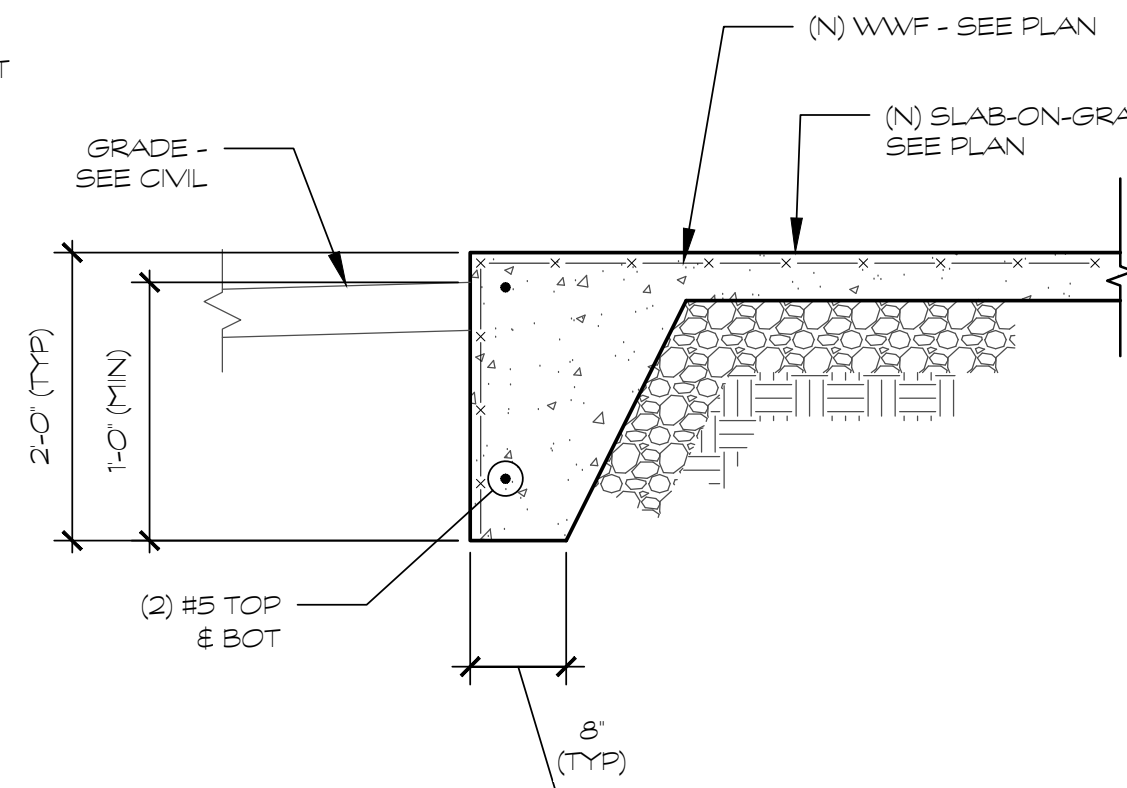
1 UPPER LEVEL FRAMING PLAN
SCALE: 1/4" = 1'-0" - SEE S1.2 FOR TYP FRAMING PLAN NOTES
S1.3

- TYPICAL ROOF FRAMING PLAN NOTES:
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
 - (E) INDICATES EXISTING
(N) INDICATES NEW
 - GC TO VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS & FRAMING LOCATIONS.
 - INDICATES SPAN OF 3/8" T&G PLYWOOD DECKING - GLUED & FASTENED W/ 10d COMMON NAIL @ 4" OC EDGE & 12" OC FIELD

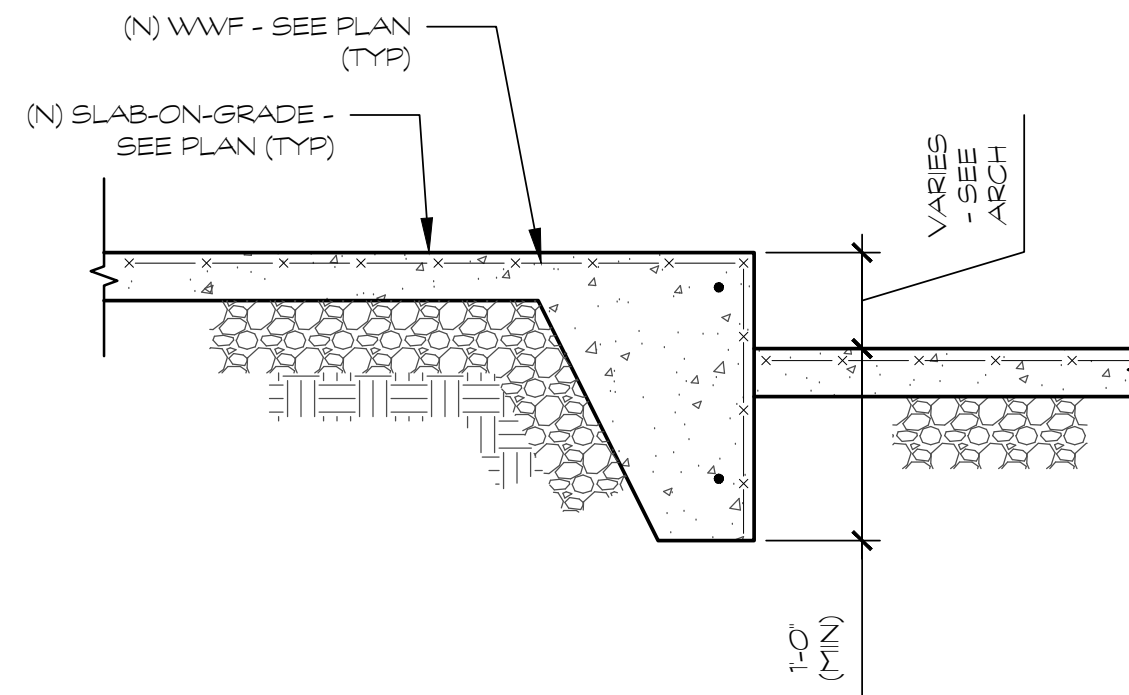


NOTE: GC TO PROVIDE SIMPSON LCE4 POST CAP @ (E) 4x4 POST

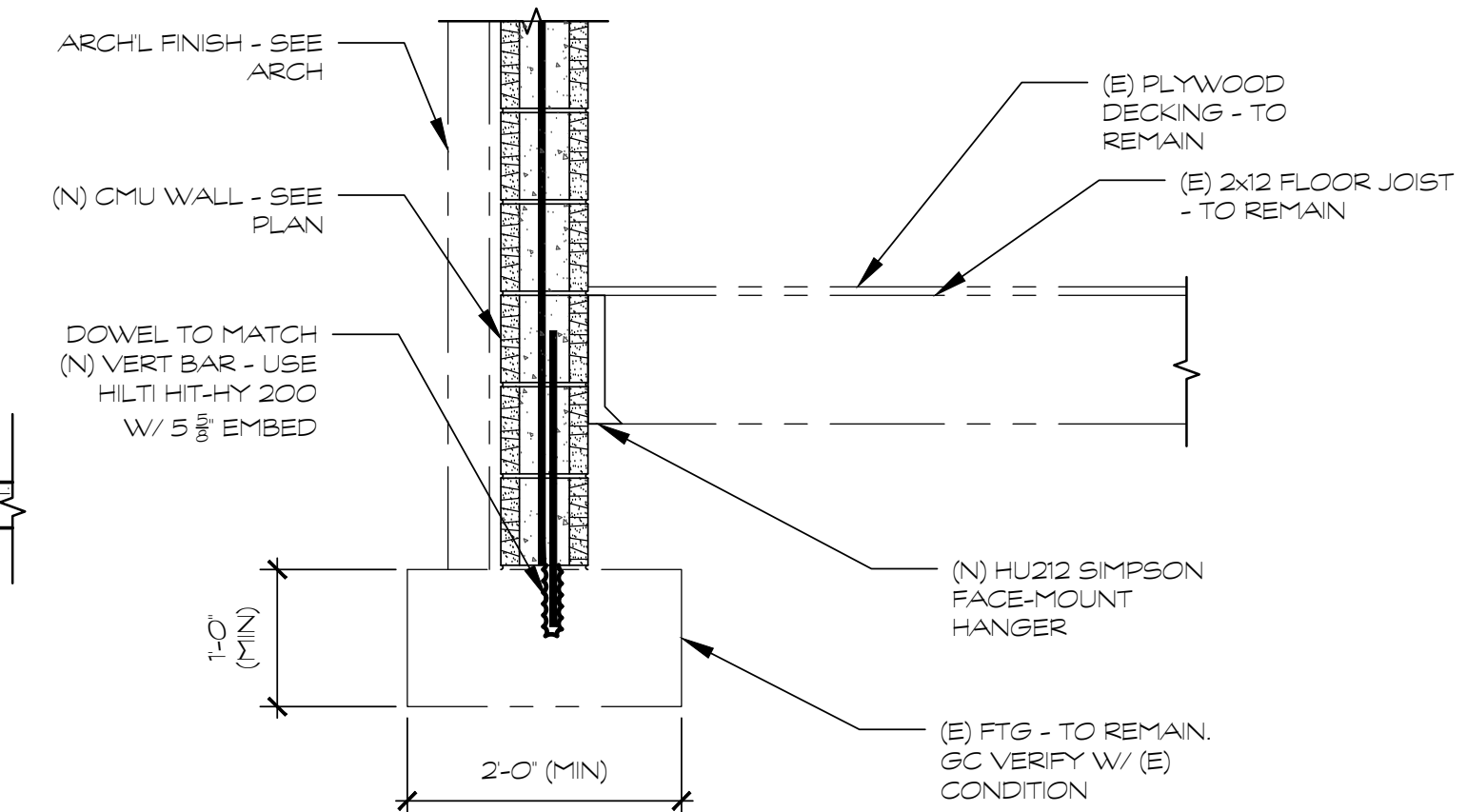
1 SECTION
 S31 SCALE 3/4"=1'-0"



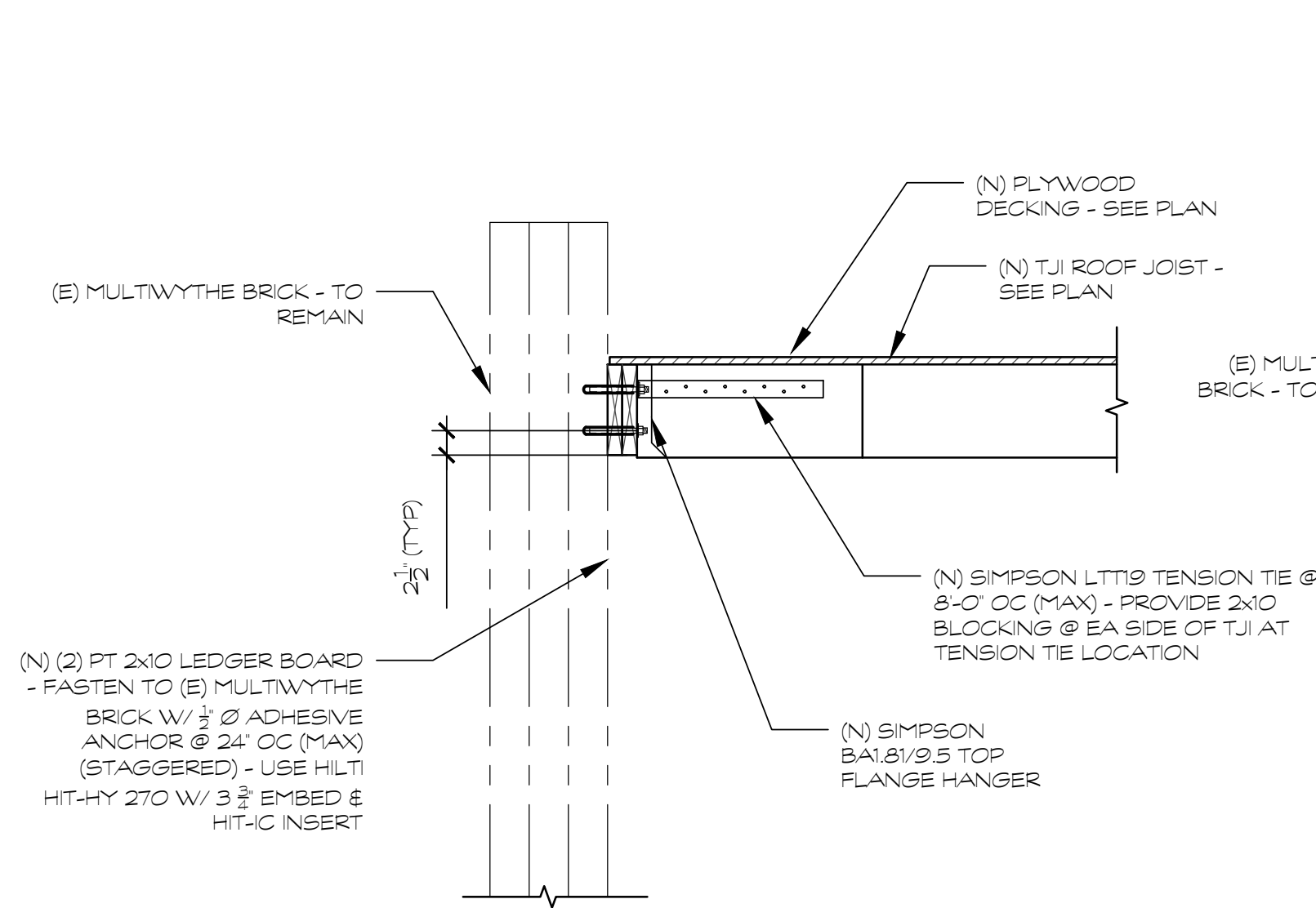
2 SECTION
 S31 SCALE 3/4"=1'-0"



3 SECTION
 S31 SCALE 3/4"=1'-0"

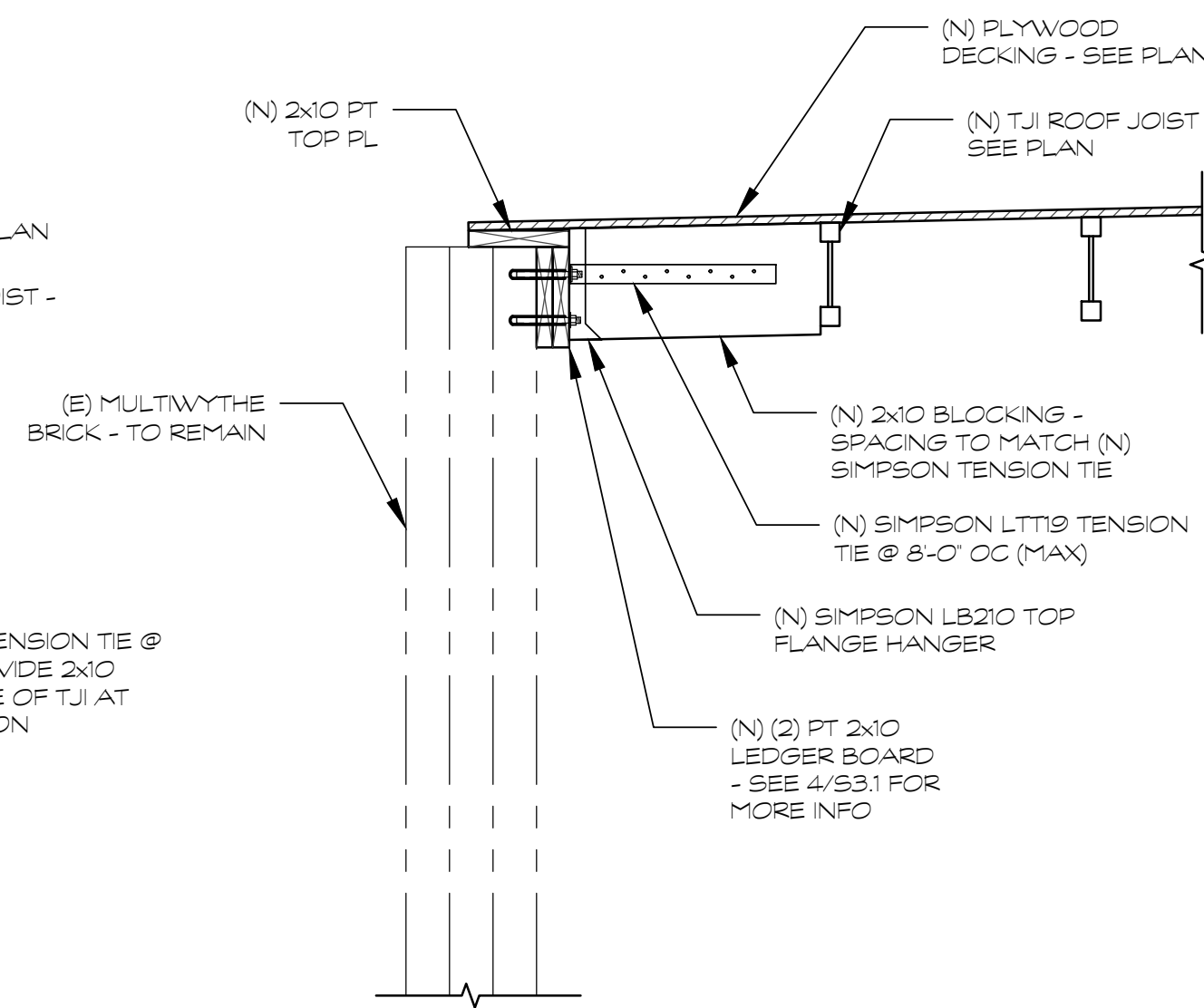


4 SECTION
 S31 SCALE 3/4"=1'-0"

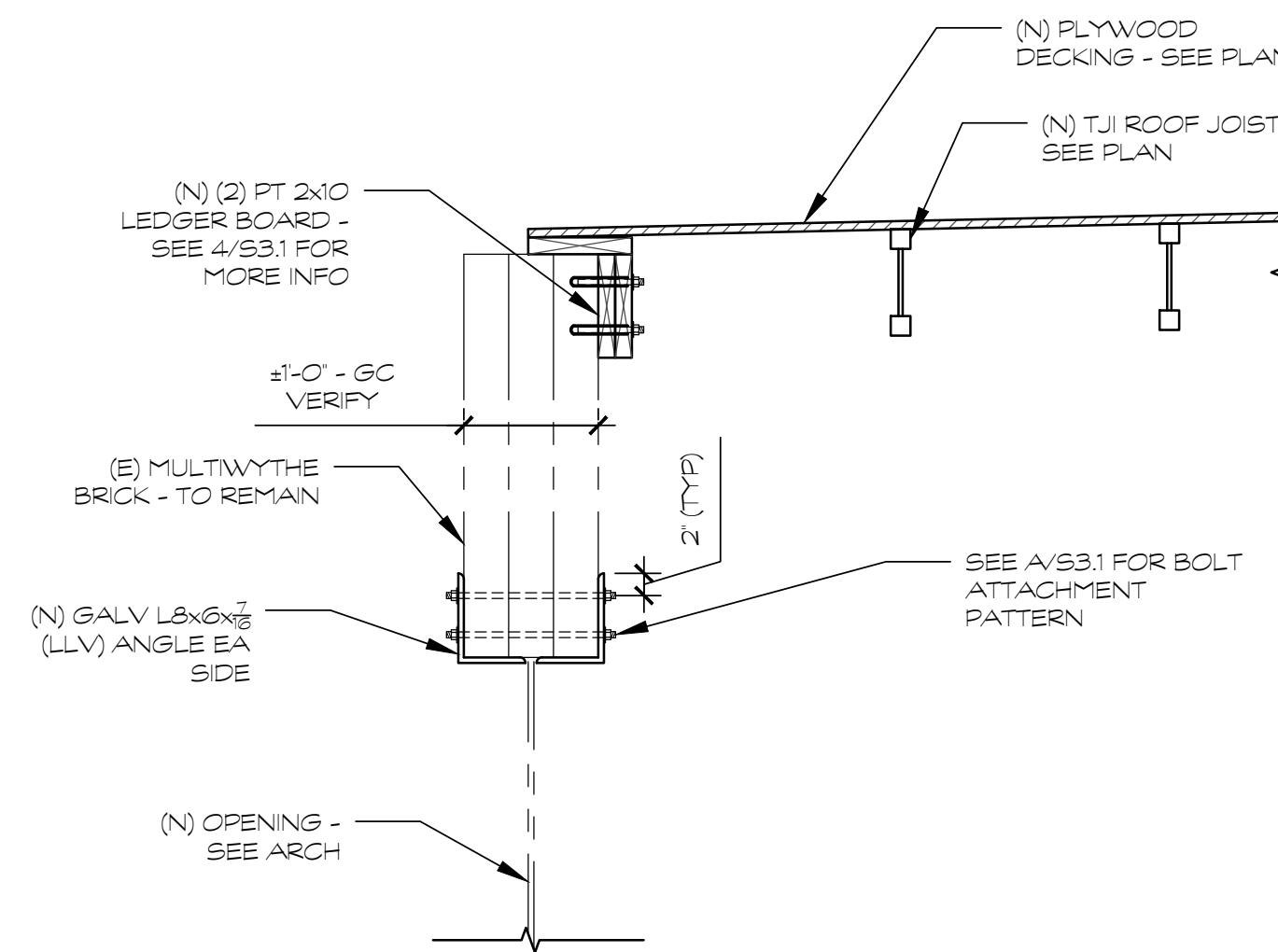


NOTE: USE HILTI HIT-HY 270 W/ 4/8" EMBEDMENT AT GROUTED CMU CELL

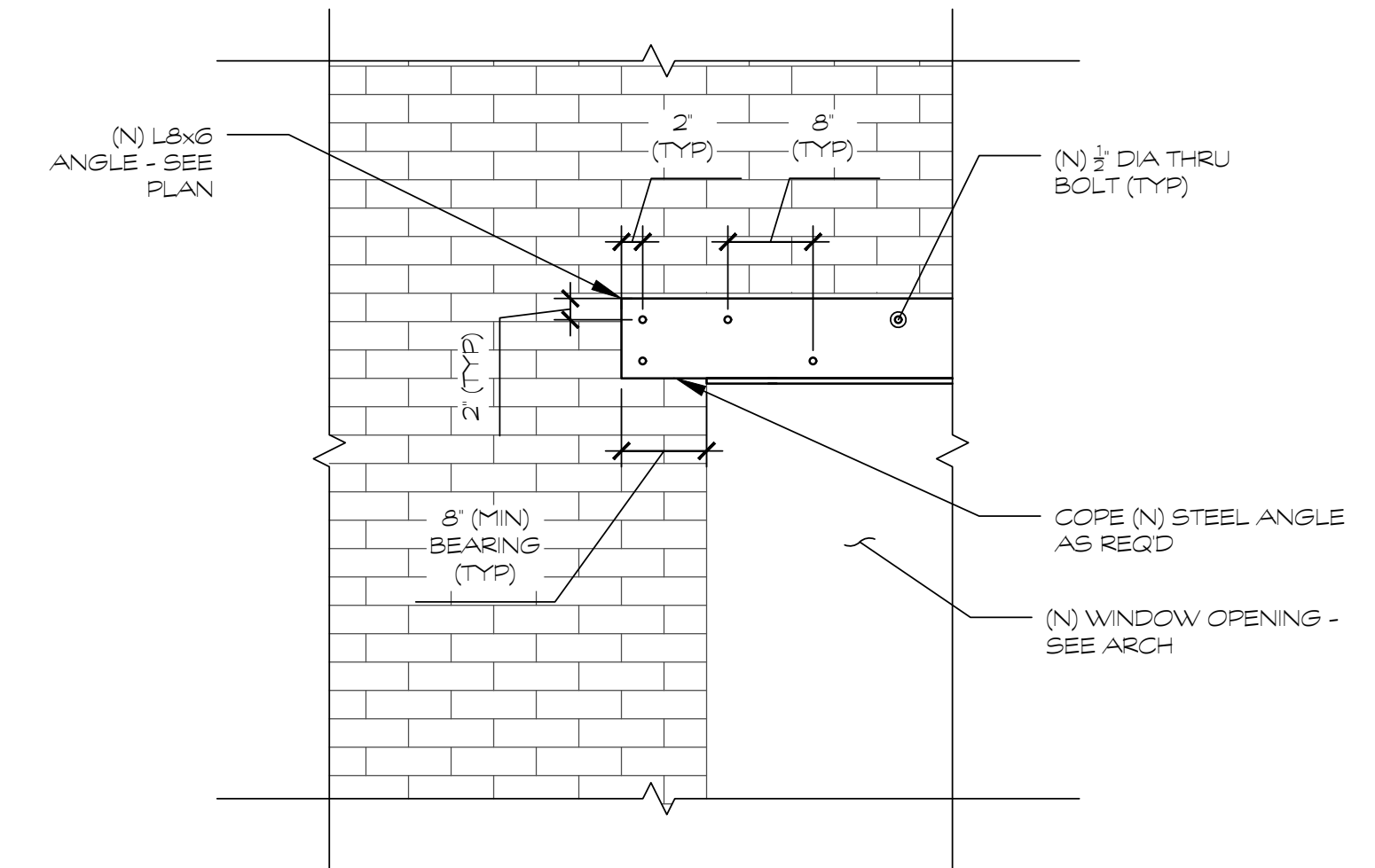
5 SECTION
 S31 SCALE 3/4"=1'-0"



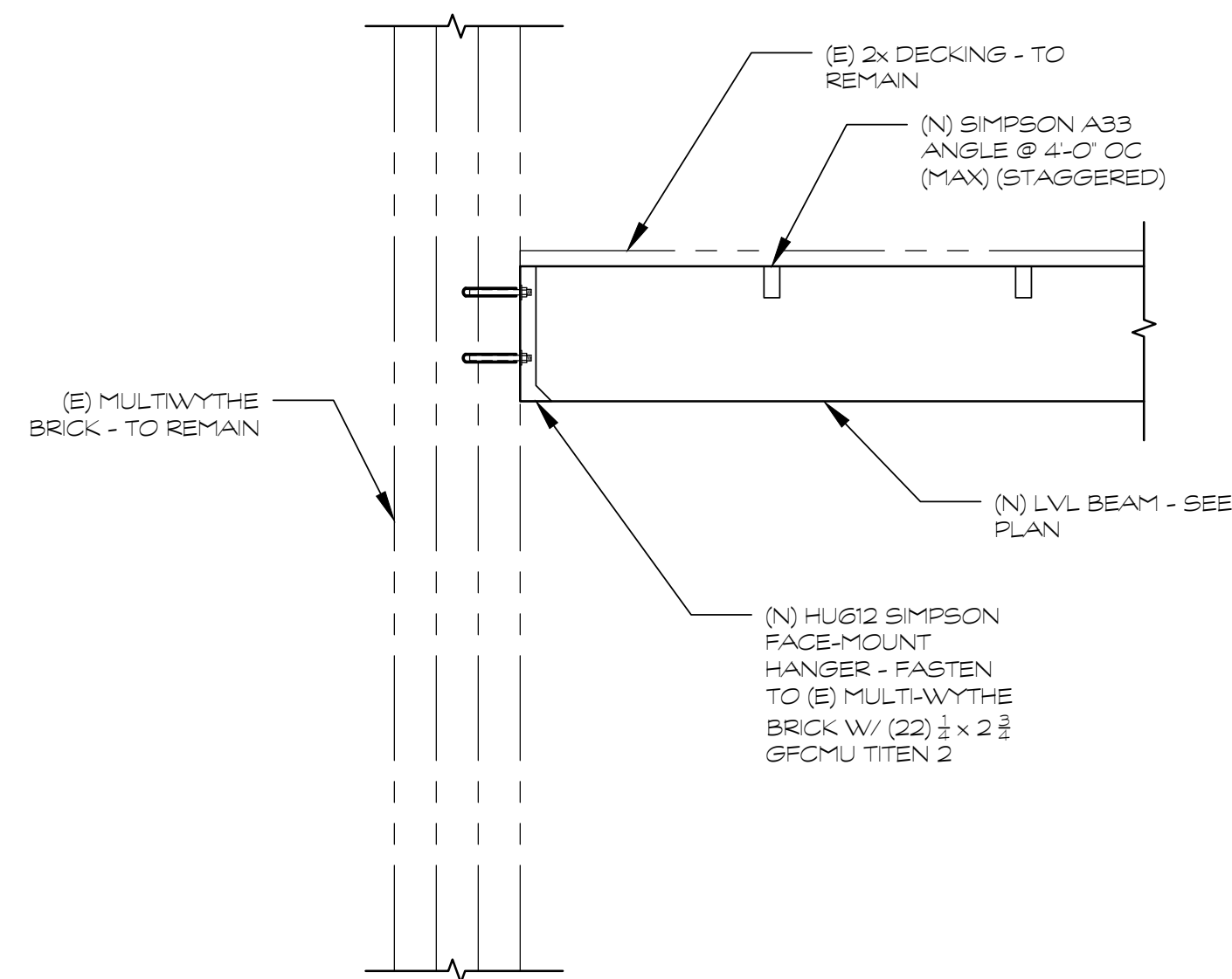
6 SECTION
 S31 SCALE 3/4"=1'-0"



7 SECTION
 S31 SCALE 3/4"=1'-0"



A DETAIL
 S31 SCALE 3/4"=1'-0"



8 SECTION
 S31 SCALE 3/4"=1'-0"



REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
 WOODSTOCK, GEORGIA 30188

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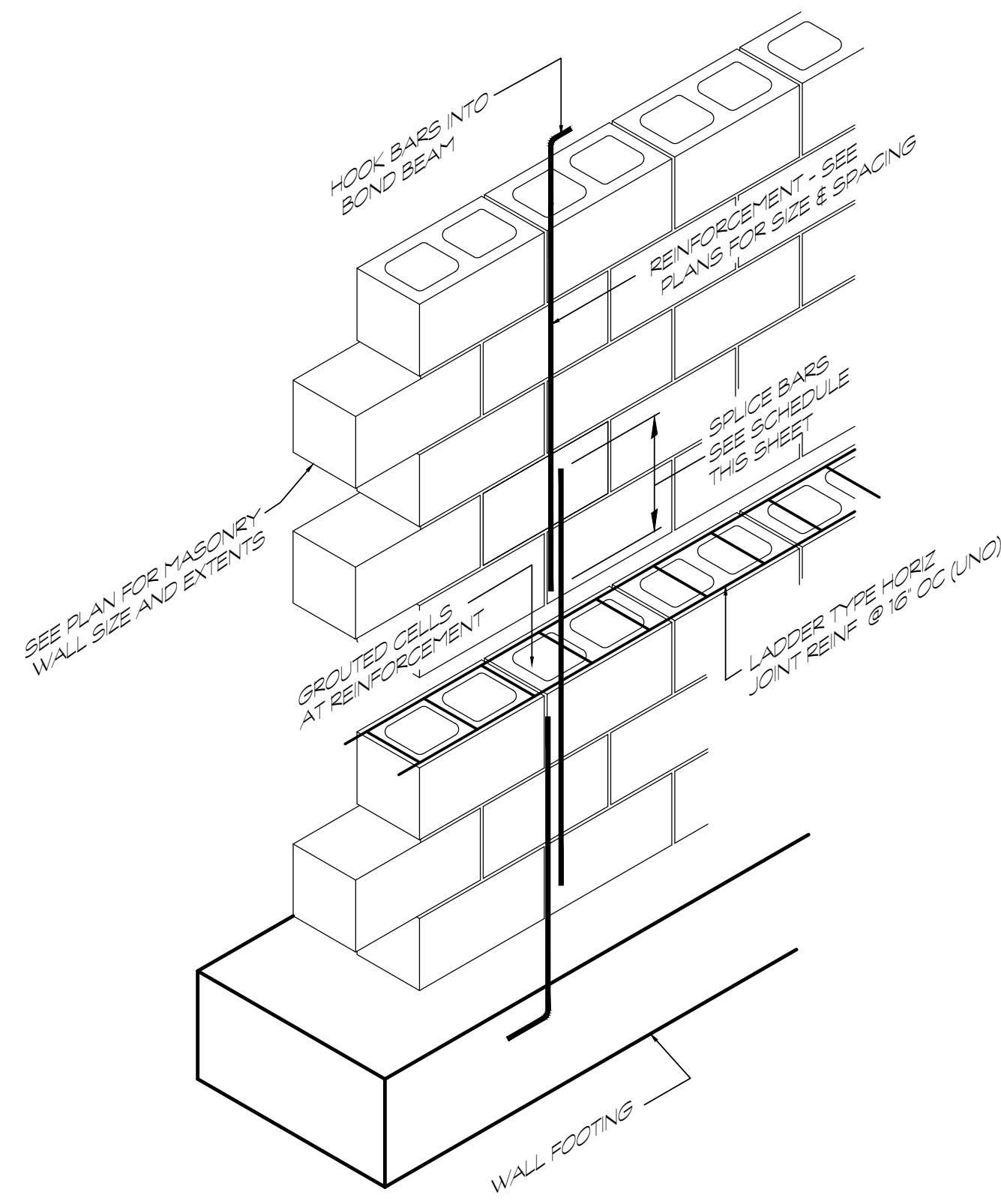
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SHEET TITLE

SECTIONS & DETAILS

SHEET # **S3.1**



REINFORCING LAP LENGTH SCHEDULE*

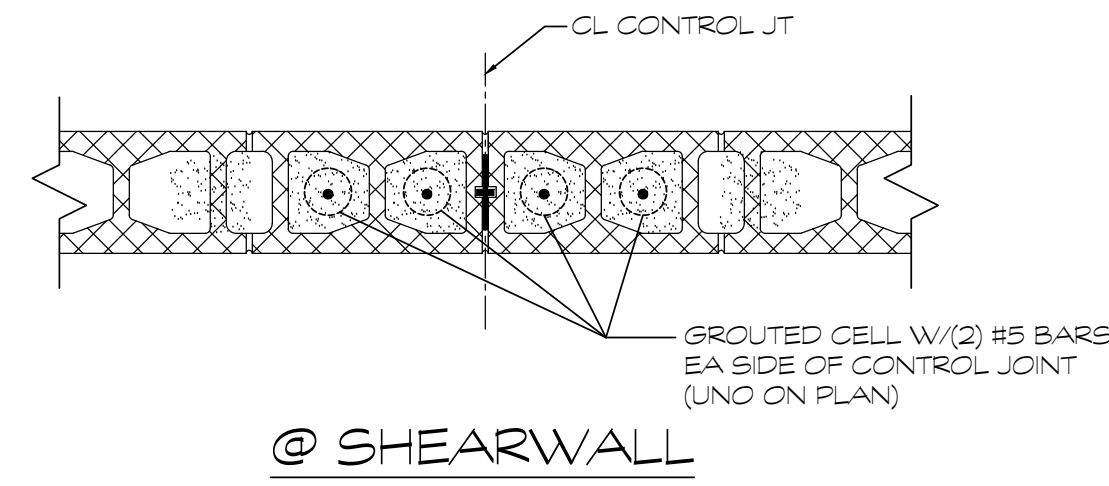
BAR SIZE	LAP LENGTH
#4	21"
#5	32" (6' CMU) 26" (8 1/2' CMU)
#6	43"

* LAP LENGTHS APPLY TO 6" OR 12" CMU WITH REINFORCING CENTERED IN CELL (UNO).

LOW LIFT GROUTING PROCEDURE

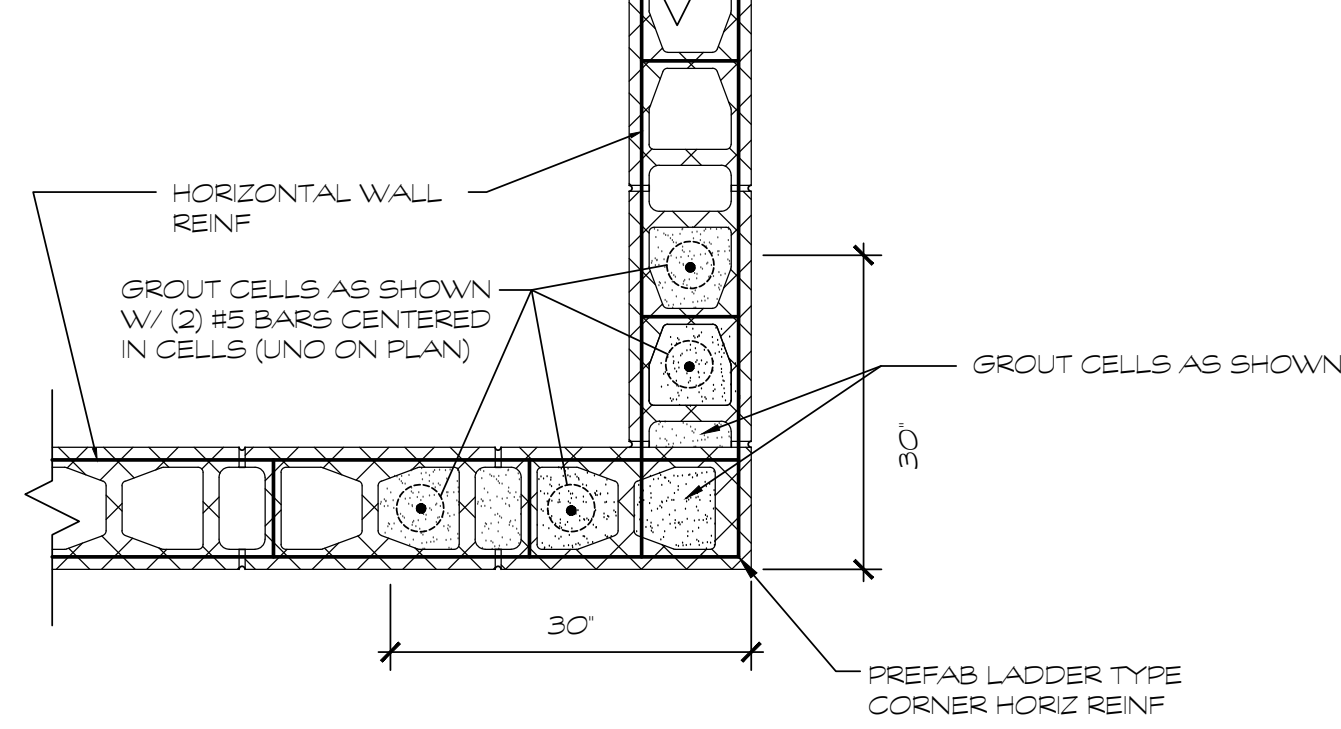
1. CONSTRUCT WALL TO HEIGHT OF 5'-0". ALLOW MORTAR TO SET SUFFICIENTLY TO WITHSTAND GROUT PRESSURE.
2. INSPECT UNITS FOR ALIGNMENT. CLEAN OUT CELLS TO BE FILLED.
3. FILL CELLS TO 1 1/2" BELOW TOP COURSE.
4. DELAY 3 TO 5 MINUTES PRIOR TO CONSOLIDATING TO ALLOW WATER TO BE ABSORBED BY MASONRY.

1 TYPICAL DETAIL OF LOW-LIFT REINFORCED MASONRY CONSTRUCTION
SCALE: NTS



- NOTES:
1. SEE GENERAL NOTES FOR SPACING GUIDELINES FOR CONTROL JOINTS IN INTERIOR/EXTERIOR CMU WALLS.
 2. SEE ARCH FOR EXACT LOCATIONS OF CONTROL JOINTS
 3. DISCONTINUE HORIZONTAL REINFORCING AT CONTROL JOINT LOCATIONS

5 TYP CMU CONTROL JOINTS
SCALE: NTS



- NOTES:
1. CORNER REINF. SHALL BE LAPPED WITH THE TYPICAL TRUSS TYPE HORIZ. REINF. AND EXTEND A MINIMUM OF 30" IN EACH DIRECTION AT THE INTERSECTION.
 2. SEE PLAN FOR SPACING OF TYPICAL HORIZ. REINF.

2 TYP CMU WALL CORNER INTERSECTION @ SHEARWALL
SCALE: NTS

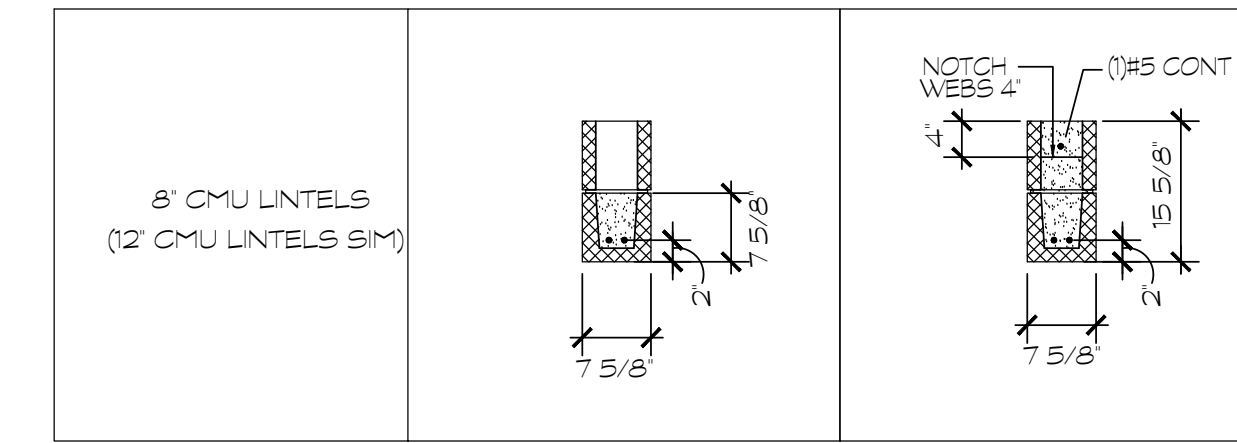
MASONRY WALL LINTEL SCHEDULE

OPENING WIDTH	STEEL LINTELS		MASONRY LINTELS					
	MIN.	MAX.	STEEL FOR EACH 4" WALL THICKNESS	LINTEL DEPTH AND REINFORCING*				
-	2'-0"		L6 x 3 1/2 x 5/16 (SLV)	7 5/8"	(1) #4	(1)#4 BOTT.	(2)#5 BOTT.	(2)#5 BOTT.
2'-1"	3'-6"		L6 x 3 1/2 x 5/16 (SLV)	7 5/8"	(1) #4	(1)#4 BOTT.	(2)#5 BOTT.	(2)#5 BOTT.
3'-7"	5'-0"		L6 x 4 x 3/8 (BLV)	7 5/8"	(1) #4	(1)#5 BOTT.	(2)#5 BOTT.	(2)#5 BOTT.
5'-1"	6'-6"		L6 x 6 x 3/8	15 5/8"	-	(1)#5 BOTT.	(2)#5 BOTT.	(2)#6 BOTT.
6'-7"	8'-0"		L6 x 6 x 3/8	15 5/8"	-	(1)#5 BOTT.	(2)#5 BOTT.	(2)#6 BOTT.
8'-1"	10'-0"		L6 x 6 x 1/2	15 5/8"	-	(2)#5 BOTT.	(2)#5 BOTT.	(2)#6 BOTT.
10'-1"	12'-0"		L8 x 6 x 1/2 (LLV)	15 5/8"	-	(2)#5 BOTT.	(2)#5 BOTT.	(2)#6 BOTT.

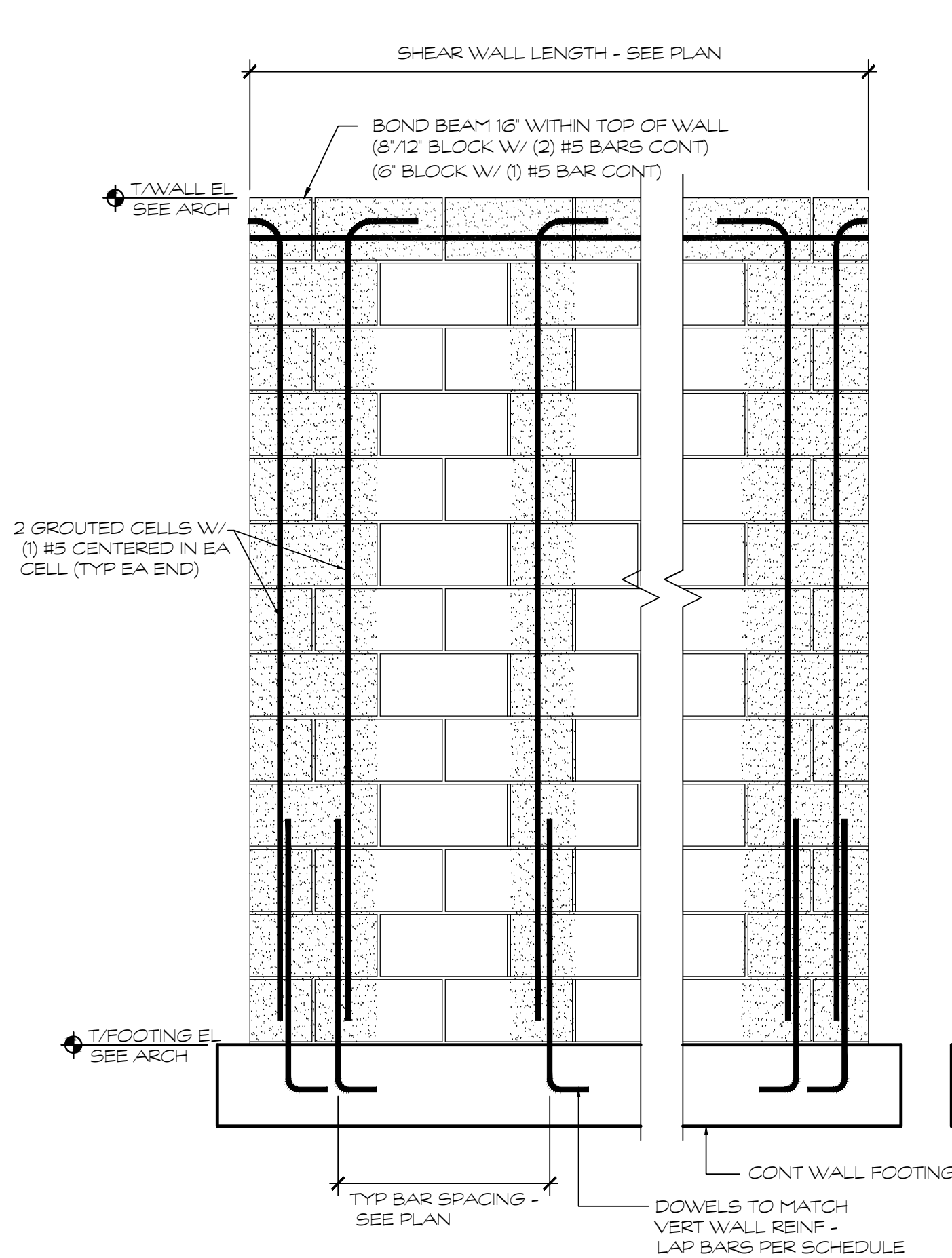
* 6" BEARING EACH END FOR STEEL * 8" BEARING EACH END FOR U-BLOCK

- NOTES:
1. USE EITHER STEEL LINTEL OR MASONRY LINTEL (SEE ARCH HEAD DETAILS).
 2. THIS SCHEDULE TO BE USED UNLESS NOTED OTHERWISE.
 3. DO NOT USE THIS SCHEDULE IF CONCENTRATED LOAD IS APPLIED TO LINTEL.
 4. DO NOT USE THIS SCHEDULE IF HEIGHT OF MASONRY ABOVE OPENING IS LESS THAN HALF OF THE OPENING WIDTH.
 5. ALL LOOSE LINTEL SHALL BE GALVANIZED.

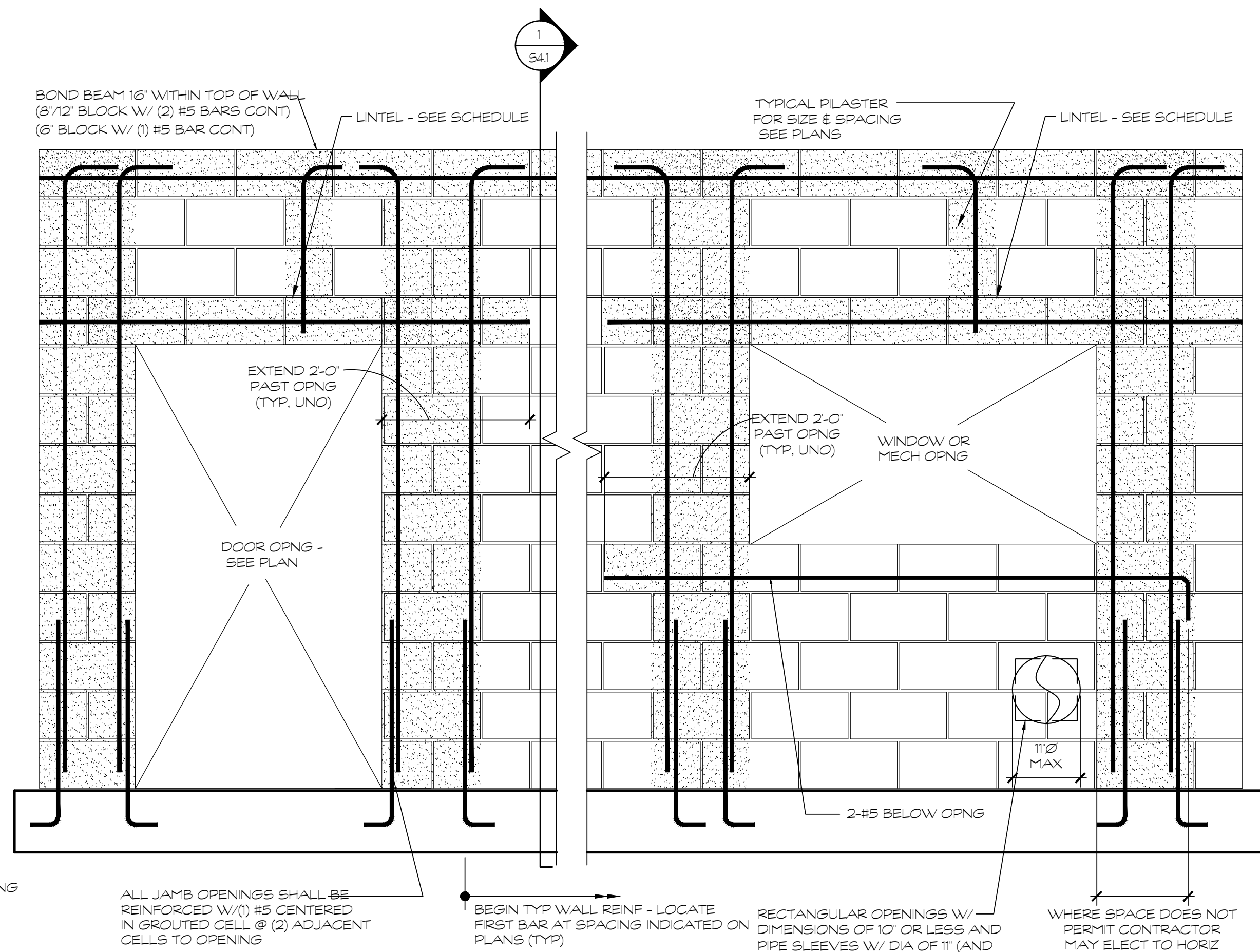
3 MASONRY WALL LINTEL SCHEDULE
SCALE: NTS



4 MASONRY LINTEL REINFORCING CONFIGURATIONS
SCALE: NTS



5 TYP CMU SHEARWALL ELEVATION
SCALE: NTS



6 TYP CMU SHEARWALL ELEVATION WITH OPENINGS
SCALE: NTS

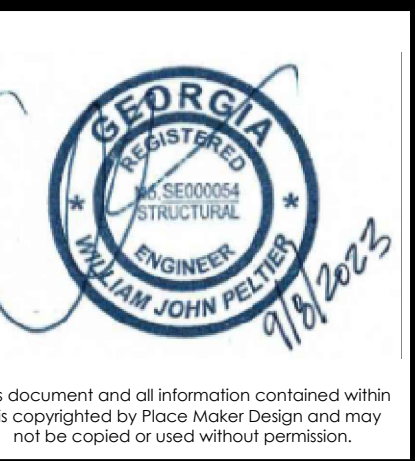


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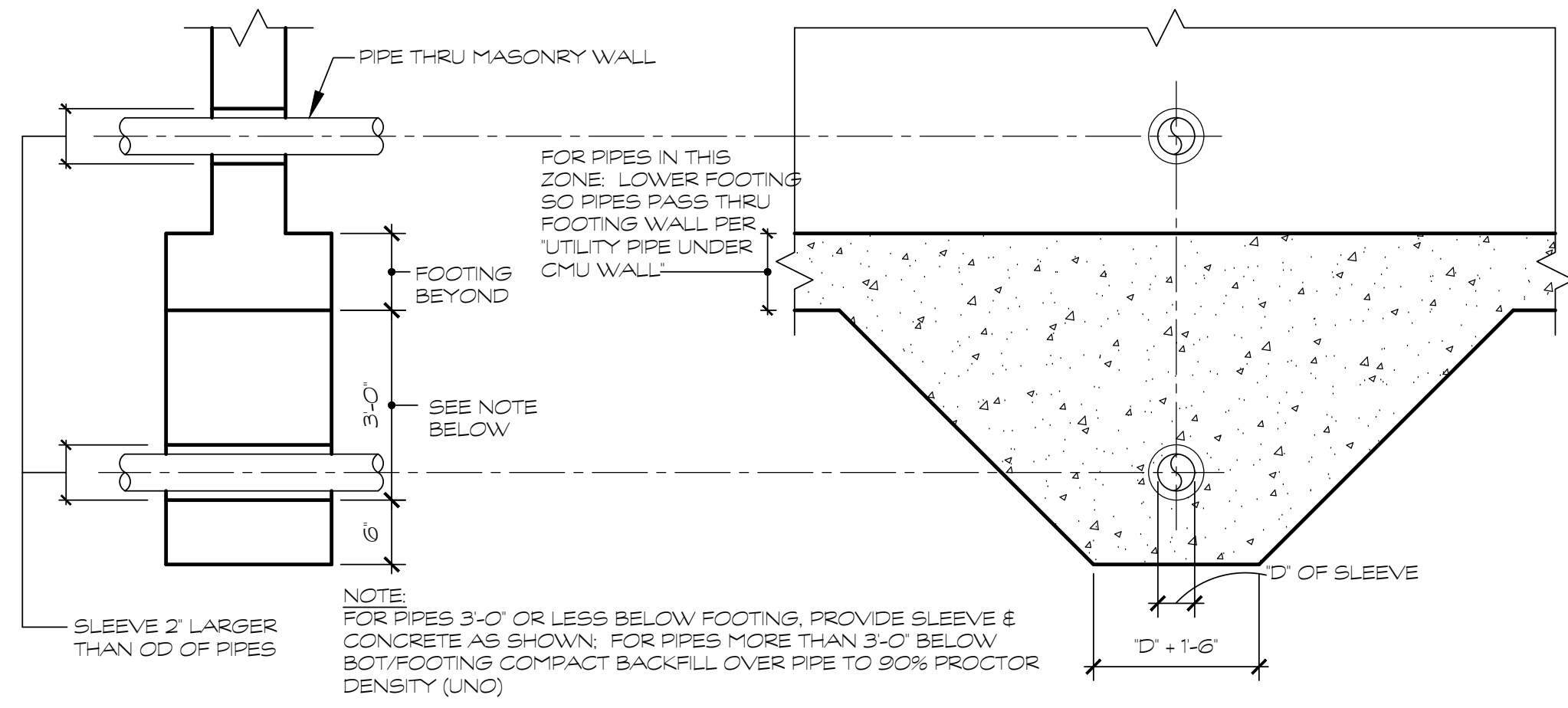


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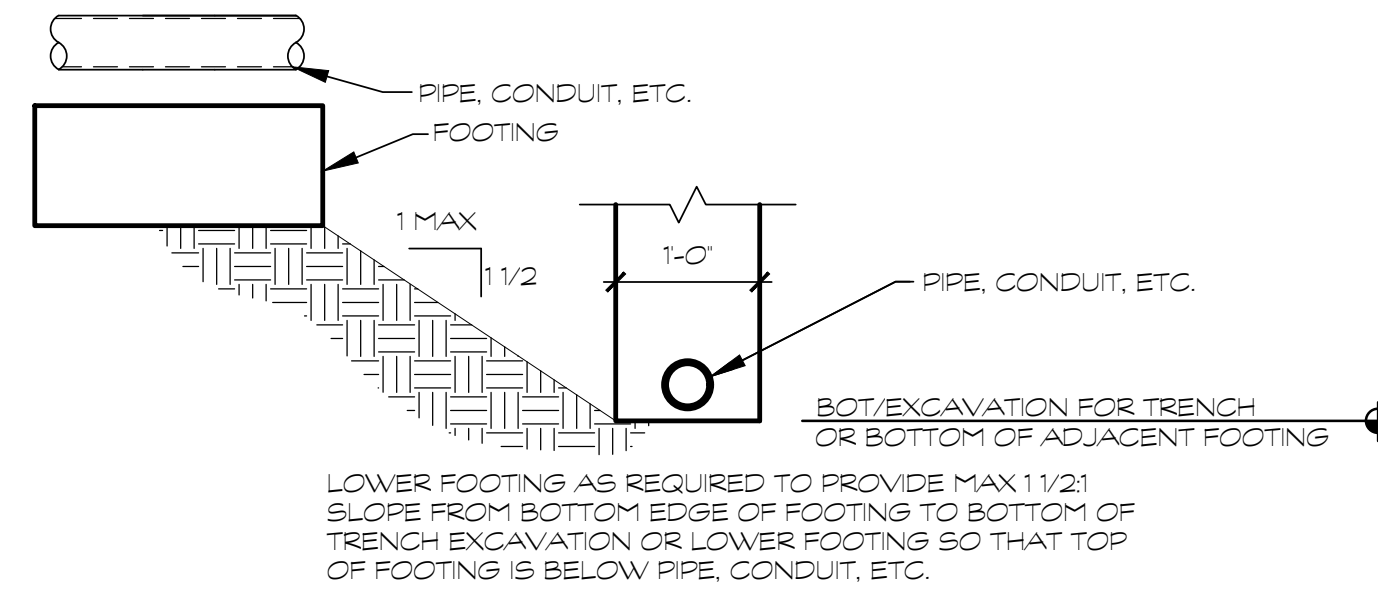
TYPICAL SECTIONS & DETAILS

SHEET # **S4.1**

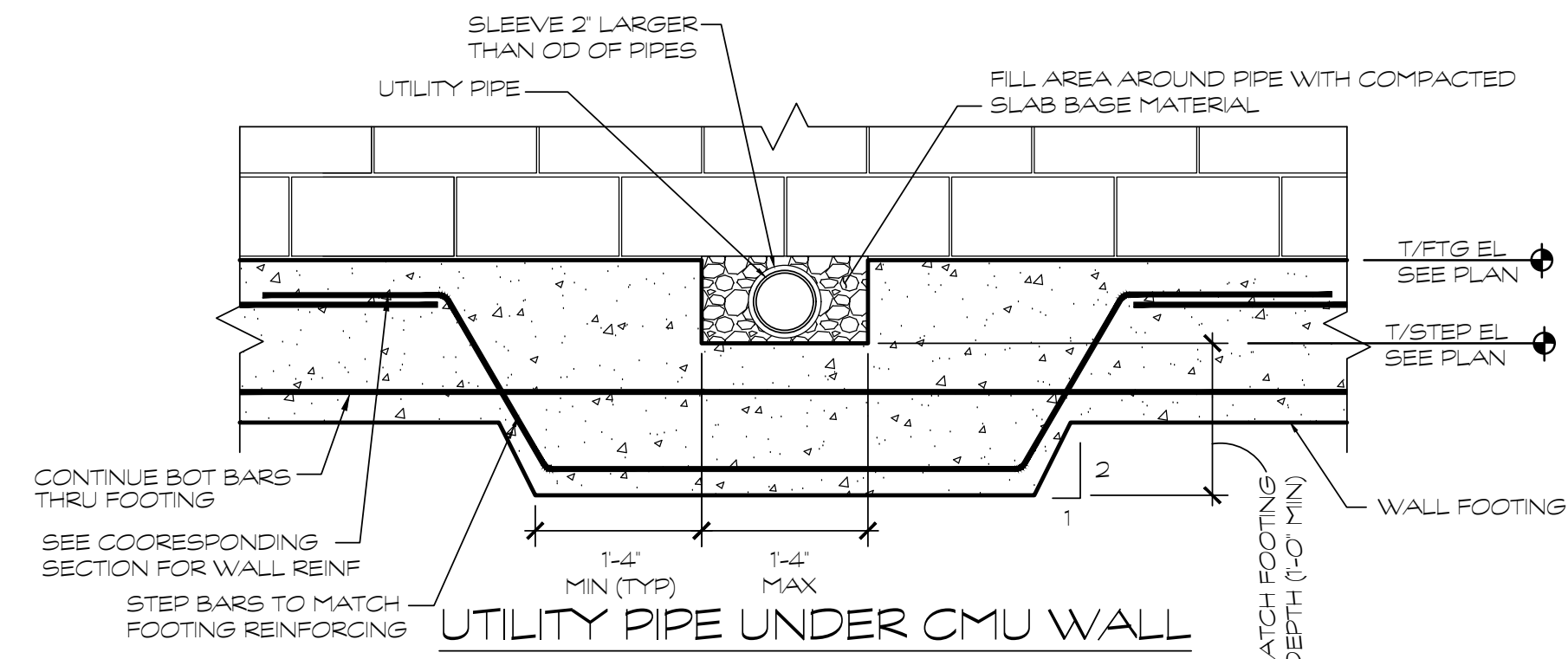


EXCAVATION TRANSVERSE TO WALL FTG

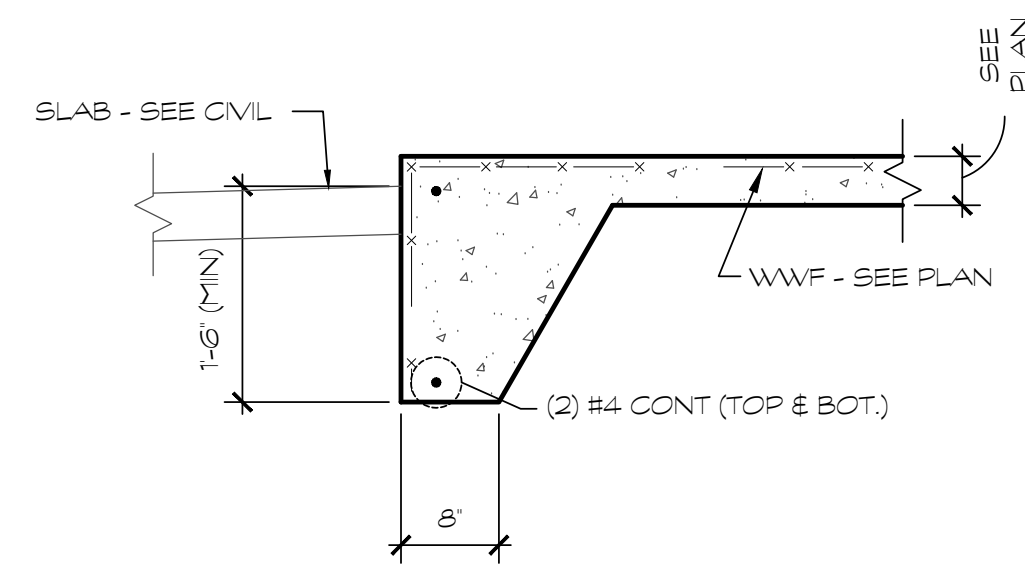
1 TYP FOUNDATION DETAIL @ UTILITY PIPES
SCALE: NTS



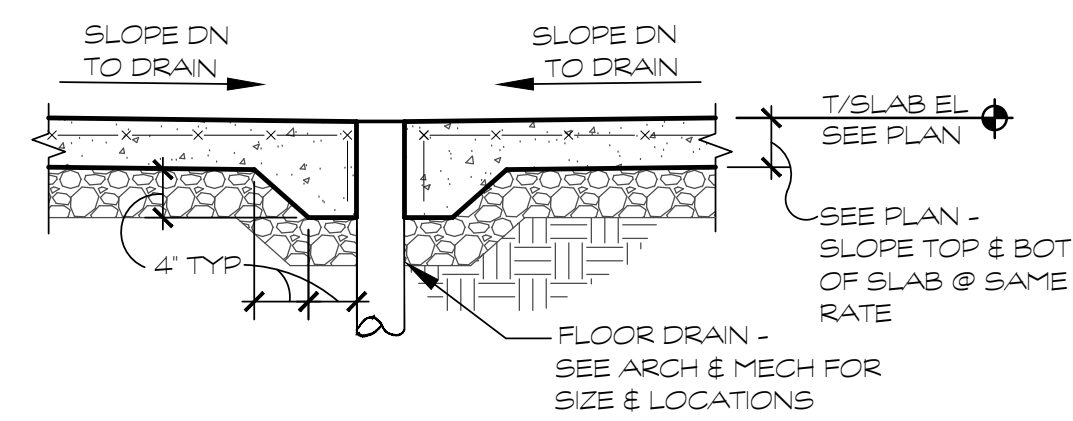
2 TYP FOUNDATION INFLUENCE DETAIL
SCALE: NTS



3 TYP FOUNDATION DETAIL @ UTILITY PIPES
SCALE: NTS



4 TYP TURNED DOWN SLAB
SCALE: 3/4\"/>



5 SLAB DRAIN DETAIL
SCALE: 3/4\"/>



REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188

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PMD PROJ #	23031

TYPICAL SECTIONS & DETAILS

SHEET # **S4.2**

SPECIFICATIONS

HEAT PUMP:

EQUIPMENT
—FACTORY ASSEMBLED, SINGLE PIECE, AIR-COOLED HEAT PUMP UNIT, CONTAINED WITHIN THE UNIT ENCLOSURE IS ALL FACTORY WIRING, PIPING, CONTROLS, COMPRESSOR, REFRIGERANT CHARGE OF R-410A, AND SPECIAL FEATURES REQUIRED PRIOR TO FIELD START-UP.

UNIT CABINET
—UNIT CABINET WILL BE CONSTRUCTED OF GALVANIZED STEEL, BONDERIZED, AND COATED WITH A POWDER COAT PAINT.

FANS
—CONDENSER FAN WILL BE DIRECT-DRIVE PROPELLER TYPE, DISCHARGING AIR UPWARD.
—CONDENSER FAN MOTORS WILL BE TOTALLY ENCLOSED, 1-PHASE TYPE WITH CLASS B INSULATION AND PERMANENTLY LUBRICATED BEARINGS.
—SHAFTS WILL BE CORROSION RESISTANT.
—FAN BLADES WILL BE STATICALLY AND DYNAMICALLY BALANCED.
—CONDENSER FAN OPENINGS WILL BE EQUIPPED WITH STEEL WIRE SAFETY GUARDS.

COMPRESSOR
—COMPRESSOR WILL BE HERMETICALLY SEALED.
—COMPRESSOR WILL BE MOUNTED ON RUBBER VIBRATION ISOLATORS.
CONDENSER COIL
—CONDENSER COIL WILL BE AIR COOLED.
—COIL WILL BE CONSTRUCTED OF ALUMINUM FIN MECHANICALLY BONDED TO COPPER TUBES WHICH ARE THEN CLEANED, DEHYDRATED, AND SEALED.

REFRIGERATION COMPONENTS
—REFRIGERATION CIRCUIT COMPONENTS WILL INCLUDE LIQUID-LINE SHUTOFF VALVE WITH SWEAT CONNECTIONS, VAPOR-LINE SHUTOFF VALVE WITH SWEAT CONNECTIONS, SYSTEM CHARGE OF R-410A REFRIGERANT, FOC COMPRESSOR OIL, ACCUMULATOR, AND REVERSING VALVE.

SEE SCHEDULE FOR LIST OF ACCEPTABLE MANUFACTURERS.

FAN COIL UNIT:

GENERAL: EXCEPT AS OTHERWISE INDICATED, PROVIDE FAN COIL UNIT MANUFACTURERS STANDARD MATERIALS AND COMPONENTS AS INDICATED BY PUBLISHED PRODUCT INFORMATION, DESIGNED AND CONSTRUCTED AS RECOMMENDED BY MANUFACTURER, AND AS REQUIRED FOR A COMPLETE INSTALLATION.

COOLING COILS: EXCEPT AS OTHERWISE INDICATED, PROVIDE MANUFACTURER'S STANDARD COIL OF INDICATED TYPE AND RATED FOR INDICATED CAPACITY. COPPER TUBE COILS, MECHANICALLY EXPANDED INTO ALUMINUM PLATE FINS; RATED AT 250 PSIG AND LEAK TESTED AT 350 PSIG MIN. AIR PRESURE. PROVIDE MANUAL AIR VENTS.

ELECTRIC HEATING COILS SHALL BE AN OPEN GRID TYPE WITH FACTORY INSTALLED HIGH LIMIT CONTROL. HEATER SHALL BE FULLY ACCEPTABLE THROUGH THE DISCHARGE GRILLE OPENINGS.

THE FAN SHALL BE A CENTRIFUGAL, FORWARD CURVED, DOUBLE WIDTH, DOUBLE INLET, DIRECT DRIVE TYPE. BALANCED STATICALLY AND DYNAMICALLY, AND OF INDICATED CAPACITY.

MOTORS SHALL BE OF INDICATED CAPACITY, 3 SPEED, PERMANENT SPLIT CAPACITOR, INSTALLED FOR EASY REMOVAL. PROVIDE MOTORS WITH AUTOMATIC-RESET AND INTEGRAL THERMAL OVERLOAD PROTECTION. MOTORS SHALL BE CAPABLE OF OPERATING AT TEMPERATURES INDICATED ON DRAWINGS WITHOUT OVERLOADING. MOTOR SHALL BE CAPABLE OF FIELD OILING AS REQUIRED.

CABINETS: CABINETS SHALL BE FABRICATED OF 18 GAUGE STEEL AND HAVE BAKED ENAMEL FINISH. ALL SURFACES IN CONTACT WITH AIR-STREAM SHALL BE INSULATED WITH HALF INCH THICK, 1-1/2 POUND DENSITY, MATT FACED, GLASS FIBER INSULATION.

THE FILTER SHALL BE ONE INCH THICK, THROWAWAY GLASS FIBER TYPE.

THE DRAIN PAN SHALL BE REMOVABLE AND HAVE SELF EXTINGUISHER THREE (3) POUND DENSITY CELLULAR POLYSTYRENE PLASTIC LINER, THE DRAIN PAN SHALL EXTEND UNDER THE ENTIRE COIL SECTION.

THERMOSTAT SHALL BE 7-DAY PROGRAMMABLE TYPE.

SEE SCHEDULE FOR LIST OF ACCEPTABLE MANUFACTURERS.

DUCTLESS SPLIT SYSTEM

CEILING CASSETTE INDOOR UNIT STANDARD PREFILTER IS INCLUDED WITH INDOOR UNIT CHOICE OF FAN SPEEDS: LOW, MEDIUM, HIGH INDOOR UNIT POWERED FROM OUTDOOR UNIT AUTO RESTART FOLLOWING A POWER OUTAGE BASE HEATER
LIMITED WARRANTY: FIVE YEARS ON PARTS AND DEFECTS AND SEVEN YEARS ON THE COMPRESSOR

SEE SCHEDULE FOR LIST OF ACCEPTABLE MANUFACTURERS.

GRAVITY HOOD:

THE HOOD SHALL BE CONSTRUCTED OF ALUMINUM. THE INTERNAL STRUCTURE SHALL BE GALVANIZED STEEL.

THE CURB CAP SHALL BE NON-HINGED. THE HOUSING SHALL BE CONSTRUCTED OF ALUMINUM AND IN THE WINDBAND AND CURB CAP. THE WINDBAND SHALL BE ONE PIECE SPUN ALUMINUM CONSTRUCTION AND SHALL MAINTAIN THE ORIGINAL MATERIAL THICKNESS THROUGHOUT THE HOUSING. THE WINDBAND SHALL INCLUDE AN INTEGRAL ROLLED BEAD. THE CURB CAP SHALL INCLUDE PREFUNCHED MOUNTING HOLES TO ENSURE CORRECT ATTACHMENT TO THE ROOF.

REFER TO THE EQUIPMENT SCHEDULE FOR A FULL LISTING OF REQUIRED HOOD ACCESSORIES.

RESTAURANT HVAC CONTROL STRATEGY

NO SCALE

ROOF TOP UNIT(S) / SPLIT SYSTEM(S):

OCCUPIED SETTINGS:
FAN: ON (NOT AUTO)
COOLING SET POINT: 75°F
HEATING SET POINT: 68°F

UNOCCUPIED SETTINGS:
FAN: AUTO
COOLING SET-BACK: 85°F
HEATING SET-BACK: 60°F

- CONTRACTOR SHALL CONFIRM SET POINT, OCCUPIED HOURS AND SET-BACK TEMPS WITH OWNER.

KITCHEN HOOD SYSTEM:

WHEN OCCUPIED, GREASE EXHAUST FAN(S) AND MAKE-UP AIR UNIT(S) SHOULD BE ON.
WHEN UNOCCUPIED, GREASE EXHAUST FAN(S) AND MAKE-UP AIR UNIT(S) SHOULD BE OFF.

SPECIFICATIONS

DIFFUSERS, GRILLES, & REGISTERS:

EGGCRATE GRILLE:

RETURN GRILLES SHALL BE TITUS MODEL 50F FOR THE SIZES AND MOUNTING TYPES AS SHOWN ON THE PLANS AND OUTLET SCHEDULE. RETURN GRILLES MUST PROVIDE A FREE AREA OF AT LEAST 90%. OUTER BORDERS SHALL BE CONSTRUCTED OF HEAVY EXTRUDED ALUMINUM WITH A THICKNESS OF 0.040-0.050 INCH AND SHALL HAVE COUNTERSUNK SCREW HOLES FOR A NEAT APPEARANCE. BORDER WIDTH SHALL BE 1/4 INCHES ON ALL SIDES AND SHALL BE INTERLOCKED AT THE FOUR CORNERS AND MECHANICALLY STAKED TO FORM A RIGID FRAME. CHOICE OF THREE SIZES OF ALUMINUM GRID: 1/2 X 1/2 X 1/2 INCH, 1/2 X 1/2 X 1 INCH, OR 1 X 1 X 1 INCH SHALL BE AVAILABLE.

OPTIONAL OPPOSED-BLADE VOLUME DAMPER SHALL BE CONSTRUCTED OF HEAVY GAUGE STEEL OR ALUMINUM. DAMPER MUST BE OPERABLE FROM THE FACE OF THE GRILLE.

DOUBLE DEFLECTION REGISTERS:

ALUMINUM SUPPLY GRILLES SHALL BE OF THE SIZES AND MOUNTING TYPES SHOWN ON THE PLANS AND OUTLET SCHEDULE. THE DEFLECTION BLADES SHALL BE AVAILABLE PARALLEL TO THE LONG OR SHORT DIMENSION OF THE GRILLE OR REGISTER. CONSTRUCTION SHALL BE OF ALUMINUM WITH A 1/4-INCH WIDE BORDER ON ALL SIDES. SIZES 24 X 24 INCHES AND BELOW SHALL HAVE ROLL-FORMED BORDERS WITH A MINIMUM THICKNESS OF 0.032 INCH. LARGER SIZES SHALL BE CONSTRUCTED USING CONTINUOUS ALUMINUM EXTRUSIONS WITH A NOMINAL THICKNESS OF 0.040 THROUGH 0.050 INCH AND SHALL BE INTERLOCKED AT THE FOUR CORNERS AND MECHANICALLY STAKED TO FORM A RIGID FRAME. SCREW HOLES SHALL BE COUNTERSUNK FOR A NEAT APPEARANCE.

DEFLECTION BLADES SHALL BE CONTOURED TO A SPECIFICALLY DESIGNED AND TESTED CROSS-SECTION TO MEET PUBLISHED TEST PERFORMANCE DATA. BLADES SHALL BE SPACED ON 3/4-INCH CENTERS. BLADES SHALL HAVE FRICTION PIVOTS ON BOTH SIDES TO ALLOW INDIVIDUAL BLADE ADJUSTMENT WITHOUT LOOSENING OR RATTLING OR BE INSERTED THROUGH THE FRAME AND HELD TIGHT WITH STEEL FRICTION WIRE INTERLOCKED TO THE FRAME ON BOTH ENDS OF EACH SIDE. PLASTIC BLADE PIVOTS ARE NOT ACCEPTABLE.

OPTIONAL OPPOSED BLADE VOLUME DAMPER SHALL BE CONSTRUCTED OF HEAVY GAUGE STEEL OR ALUMINUM. DAMPER MUST BE OPERABLE FROM THE FACE OF THE GRILLE.

THE GRILLE FINISH SHALL BE #2G WHITE. THE FINISH SHALL BE AN ANODIC ACRYLIC PAINT, BAKED AT 315° F FOR 30 MINUTES. THE PENCIL HARDNESS MUST BE HB TO H. THE PAINT MUST PASS A 100-HOUR ASTM D117 CORROSIVE ENVIRONMENTS SALT SPRAY TEST WITHOUT CREEPAGE, BLISTERING OR DETRIORATION OF FILM. THE PAINT MUST PASS A 250-HOUR ASTM D870 WATER IMMERSION TEST. THE PAINT MUST ALSO PASS THE ASTM D2794 REVERSE IMPACT CRACKING TEST WITH A 50-INCH POUND FORCE APPLIED.

THE MANUFACTURER SHALL PROVIDE PUBLISHED PERFORMANCE DATA FOR THE GRILLE. THE GRILLE SHALL BE TESTED IN ACCORDANCE WITH ANSIASHRAE STANDARD 70-2006.

DUCTWORK AND ACCESSORIES:

INDUSTRY STANDARDS: COMPLY WITH SMACNA (SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION) HVAC DUCT CONSTRUCTION STANDARDS, RECOMMENDATIONS FOR FABRICATION, GAUGES, CONSTRUCTION AND DETAILS, AND INSTALLATION PROCEDURES, EXCEPT AS OTHERWISE INDICATED.

COMPLY WITH ASHRAE (AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS) FUNDAMENTALS HANDBOOK RECOMMENDATIONS, EXCEPT AS OTHERWISE INDICATED.

DUCTWORK METAL AND GAUGES: EXCEPT AS OTHERWISE INDICATED, FABRICATE DUCTWORK FROM GALVANIZED SHEET STEEL COMPLYING WITH ASTM A527, LOCKFORMING QUALITY, WITH ASTM A525 G90 ZINC COATING, MILL PHOSPHATIZED. GAUGES TO COMPLY WITH SMACNA STANDARDS.

DUCT SEALANT: NON-HARDENING, NON-MIGRATING MASTIC OR LIQUID ELASTIC SEALANT (TYPE APPLICABLE FOR THE FABRICATION/INSTALLATION DETAIL) AS COMPOUNDED AND RECOMMENDED BY THE MANUFACTURER SPECIFICALLY FOR SEALING JOINTS AND SEAMS IN DUCTWORK.

DUCTWORK SUPPORT MATERIALS: EXCEPT AS OTHERWISE INDICATED, PROVIDE UPPER ATTACHMENT, HANGERS OF GALVANIZED STEEL STRAPS, OR STEEL RODS AND LOWER ATTACHMENT FOR SUPPORT OF DUCTWORK. HANGING/SUPPORT SYSTEMS SHALL BE IN ACCORDANCE WITH SMACNA REQUIREMENTS.

EXPPOSED DUCTWORK SHALL BE DOUBLE-WALL SPIRAL PIPE WITH PAINT GRIP UNLESS OTHERWISE NOTED OR SUBSTITUTION APPROVED BY OWNER.

VOLUNTARY ALTERNATE EXPOSED DUCTWORK SHALL BE SINGLE-WALL SPIRAL PIPE UNLESS OTHERWISE NOTED OR SUBSTITUTION APPROVED BY OWNER. ALL EXPOSED DUCTWORK SHALL BE LINED IN LIEU OF WRAPPED. DUCT LINER THERMAL RESISTANCE SHALL MEET THE MINIMUM VALUES SPECIFIED IN PARAGRAPH 'DUCT INSULATION' BELOW.

DUCTWORK LOCATED OUTSIDE OF THE BUILDING ENVELOPE SHALL BE THERMADUCT PRODUCTS OR COVERED WITH 3M VENTURECLAD JACKETING, OR EQUAL PRODUCT, AND SEALED WEATHER-TIGHT.

DUCT INSULATION:

R-6 SUPPLY, OUTSIDE AND RETURN AIR DUCT INSULATION IN CONDITIONED AND UNCONDITIONED SPACES
R-8 SUPPLY AND RETURN AIR DUCT INSULATION OUTSIDE THE BUILDING
R-8 INSULATION BETWEEN DUCTS AND THE BUILDING EXTERIOR WHEN DUCTS ARE PART OF A BUILDING ASSEMBLY

CEILING FAN:

CEILING MOUNTED EXHAUST FANS SHALL BE OF THE CENTRIFUGAL DIRECT DRIVE TYPE. THE FAN HOUSING SHALL BE CONSTRUCTED OF STEEL. THE PLASTIC DUCT COLLAR SHALL BE A TAPERED SLEEVE FOR EASE OF CONNECTION TO 3 IN AND 4 IN ROUND DUCTWORK AND SHALL INCLUDE A BACKDRAFT DAMPER. THE GRILLE SHALL BE CONSTRUCTED OF NON-YELLOWING HIGH STRENGTH POLYMER AND ATTACHED TO THE HOUSING WITH TORSION SPRINGS. THE WHEELS SHALL BE CONSTRUCTED OF HIGH STRENGTH POLYMER. THE ACCESS FOR WIRING SHALL BE EXTERNAL. THE MOTOR DISCONNECT SHALL BE INTERNAL AND OF THE PLUG IN TYPE.

ALL FANS SHALL BEAR THE AMCA CERTIFIED RATINGS-SEALS FOR SOUND AND AIR PERFORMANCE AND SHALL BE U.L. LISTED.

GREASE DUCT SYSTEM:

GREASE EXHAUST DUCTWORK SHALL BE FACTORY FABRICATED EQUAL TO SELKIRK METALBESTOS ZEROCLEAR MODEL IPS-23. INSTALL DUCTWORK IN ACCORDANCE WITH UL 1978 AND UL 2221 INSTALLATION INSTRUCTIONS. COMPLETE SYSTEM, FROM HOOD OUTLETS TO FAN INLET SHALL, INCLUDE TRANSITIONS TO HOOD OUTLETS, ADJUSTABLE PIPE LENGTHS, SUPPORT PLATES, GUIDE RINGS, ACCESS DOORS, AND THRU WALL FIRE STOP PENETRATIONS. MODEL IPS-C1 OR MODEL G MAY BE USED WHERE CLEARANCES PERMIT.

VOLUNTARY ALTERNATE GREASE DUCT AND WRAP SYSTEM:

INSTALL CARBON STEEL OF MINIMUM 16 GAUGE OR STAINLESS STEEL MINIMUM 18 GAGE IN STRICT ACCORDANCE WITH NFPA-96. THE ENTIRE DUCT SYSTEM, FROM HOOD OUTLETS TO FAN INLET, SHALL BE WRAPPED WITH ASTM-B14 CERTIFIED DUCT WRAP FOR ZERO CLEARANCE TO COMBUSTIBLES. FOLLOW DUCT WRAP MANUFACTURERS INSTRUCTIONS FOR INSTALLATION AND THROUGH WALL PENETRATIONS.

SPECIFICATIONS

APPLICABLE CODES:

INTERNATIONAL FIRE CODE (IFC), 2018 EDITION
2020 IFC GA AMENDMENTS
INTERNATIONAL PLUMBING CODE (IPC), 2018 EDITION
2020, 2022 & 2023 IFC GA AMENDMENTS
INTERNATIONAL MECHANICAL CODE (IMC), 2018 EDITION
2020 IMC GA AMENDMENTS
INTERNATIONAL FUEL GAS CODE (IFGC), 2018 EDITION
2020 & 2022 IFGC GA AMENDMENTS
INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2015 EDITION
2020, 2022 & 2023 SUPPLEMENTS AND AMENDMENTS

EXISTING CONDITIONS:

CONTRACTOR SHALL VISIT THE SITE AND UNDERSTAND JOB CONDITIONS BEFORE SUBMITTING A PROPOSAL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS AND SIZES OF ALL EXISTING UTILITY SERVICES PRIOR TO SUBMITTING HIS PROPOSAL. NO CONSIDERATION WILL BE GIVEN TO CLAIMS FOR EXTRA COST ARISING FROM CONTRACTOR'S FAILURE TO BE FULLY COGNIZANT OF JOB OR SITE CONDITIONS EXISTING AT TIME OF ACCEPTANCE OF BID.

ACTIVE SERVICES: WHEN ENCOUNTERED IN WORK, PROTECT, BRACE, SUPPORT EXISTING ACTIVE SEWERS, GAS AND OTHER SERVICES REQUIRED FOR PROPER EXECUTION OF WORK. IF EXISTING ACTIVE SERVICES ARE ENCOUNTERED THAT REQUIRE RELOCATION, RELOCATE AS APPROVED. DO NOT PREVENT OR DISTURB OPERATION OF ACTIVE SERVICES THAT ARE TO REMAIN.

INACTIVE SERVICES: WHEN ENCOUNTERED IN WORK, REMOVE, CAP OR PLUG INACTIVE SERVICES, AS INDICATED.

INTERRUPTION OF SERVICES: WHERE WORK MAKES TEMPORARY SHUT-DOWNS OF SERVICES UNAVOIDABLE, SHUT DOWN AT NIGHT, OR AT SUCH TIMES AS APPROVED BY OWNER, WHICH WILL CAUSE LEAST INTERFERENCE WITH ESTABLISHED OPERATING ROUTINE. ARRANGE WORK TO ASSURE THAT SERVICES WILL BE SHUT DOWN ONLY DURING TIME ACTUALLY REQUIRED TO MAKE NECESSARY CONNECTION TO EXISTING WORK.

WHERE EXISTING WALLS, CEILINGS, FLOORS, ETC., ARE CUT OR OTHERWISE DAMAGED DURING CONSTRUCTION, REPAIR ALL SURFACES TO THEIR ORIGINAL CONDITION.

SHOP DRAWINGS:

SUBMIT SHOP DRAWINGS FOR REVIEW. PDF FILES PREFERRED. SHOP DRAWINGS SHALL BE BOUND INTO VOLUMES (FILES), WITH EACH VOLUME (FILE) CONTAINING ONE COPY OF ALL SHOP DRAWINGS. ALL SHOP DRAWINGS SHALL BE SUBMITTED SIMULTANEOUSLY; NO SHOP DRAWINGS WILL BE CHECKED UNTIL ALL HAVE BEEN SUBMITTED.

SUBMITTALS SHALL BE SUPPORTED BY DESCRIPTIVE MATERIAL, SUCH AS CATALOG CUTS, DIAGRAMS, PERFORMANCE CURVES AND CHARTS PUBLISHED BY THE MANUFACTURER, TO SHOW CONFORMANCE TO SPECIFICATION AND DRAWING REQUIREMENTS; MODEL NUMBERS ALONE WILL NOT BE ACCEPTABLE. ALL LITERATURE SHALL CLEARLY INDICATE THE SPECIFIED MODEL NUMBER, DIMENSIONS, ARRANGEMENT, RATING AND CHARACTERISTICS OF THE PROPOSED EQUIPMENT. CAPACITIES AND RATINGS SHALL BE BASED ON CONDITIONS INDICATED OR SPECIFIED HEREIN. ANY DEVIATIONS FROM SPECIFIED EQUIPMENT (PARTICULARLY THOSE WHICH REQUIRE COORDINATION WITH OTHER TRADES) SHALL BE CLEARLY NOTED IN A CONCISE LIST ON A SEPARATE SHEET.

TEST AND BALANCE:

TEST AND BALANCE (TAB) CONTRACTOR SHALL HOLD A CURRENT NATIONAL BALANCING COUNCIL (NBC) CERTIFICATION AND POSSESS ACCURATE AND CALIBRATED INSTRUMENTS. TAB WORK AND REPORTS SHALL BE PER NBC PRACTICAL STANDARDS, PROCEDURES AND FORMS. ACCEPTIBLE ALTERNATIVE TAB FIRM CERTIFICATIONS/PROCEDURES: NEBB, AABC, OR TABB.

PRIOR TO COMMENCEMENT OF THE TAB WORK, THE MECHANICAL SYSTEMS ARE TO BE STARTED AND FULLY FUNCTIONING, A CHECKLIST PRIOR TAB WORK IS TO BE SENT TO THE INSTALLING CONTRACTOR AND RETURNED ATTESTING TO THE READINESS OF THE SYSTEMS FOR BALANCING.

PREFERRED TAB FIRM: P-TAB.COM

GUARANTEE:

GUARANTEE THAT EACH PIECE OF APPARATUS SHALL BE OF THE CUSTOMARY STANDARD AND QUALITY FURNISHED BY THE DESIGNED MANUFACTURER FOR THAT CATALOG NUMBER.

GUARANTEE THAT THE AIR SYSTEMS SHALL OPERATE WITHOUT AERODYNAMIC NOISE GENERATED FROM THE FAULTY INSTALLATION OF DUCT WORK OR ANY COMPONENT OF THE AIR DISTRIBUTION SYSTEM.

GUARANTEE THAT ALL SYSTEMS AND COMPONENTS SHALL BE PROVIDED WITH A ONE YEAR WARRANTY FROM THE TIME OF DATE OF SUBSTANTIAL COMPLETION. THE WARRANTY SHALL COVER ALL MATERIALS AND WORKMANSHIP. DURING THIS WARRANTY PERIOD, ALL DEFECTS IN MATERIALS AND WORKMANSHIP SHALL BE CORRECTED BY REPAIR OR REPLACEMENT WITHOUT INCURRING ADDITIONS TO THE CONTRACT.

GENERAL NOTES:

REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL CEILING MOUNTED EQUIPMENT.

ALL DUCT DIMENSIONS INDICATED IN THESE DOCUMENTS ARE INSIDE-CLEAR DIMENSIONS.

PORCTIONS OF DUCTWORK OR PIPING VISIBLE THROUGH GRILLES AND REGISTERS IN FINISHED AREAS SHALL BE PAINTED FLAT BLACK. PAINT BLACK BEHIND ALL GRILLES.

ALL WIRING IN THE CEILING PLENUM SHALL BE PLENUM RATED CABLE.

MOUNTING FRAME OF CEILING MOUNTED AIR DISTRIBUTION DEVICES SHALL BE COMPATIBLE WITH CEILING TYPE. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPE.

ALL FIRE SEPARATIONS MUST BE PROTECTED WHEN APPLICABLE.

PROVIDE NEW FILTERS (MERV 7 OR BETTER PER OWNER) FOR ALL APPLICABLE HVAC EQUIPMENT AT THE END OF CONSTRUCTION.

ALL MATERIAL IN PLENUM MUST MEET FIRE AND SMOKE SPREAD AS REQUIRED BY NFPA 90A.

ALL ROOF PENETRATIONS TO BE 12" APART AND AT LEAST 1" AWAY FROM CURBS, WALLS, AND DRAIN SUMP(S) TO PROVIDE ROOFING CONTRACTOR WITH SUFFICIENT ACCESS FOR FLASHING EACH ROOF PENETRATION.

SUBSTITUTIONS MUST BE APPROVED IN WRITING BY ARCHITECT PRIOR TO BID SUBMISSION.

CONTRACTOR SHALL REVIEW ALL CONTRACT DOCUMENTS AND SHALL BE FAMILIAR WITH THE SCOPE AND REQUIREMENTS OF THIS PROJECT. ANY DISCREPANCIES OR LACK OF CLARITY IN THE DOCUMENTS SHALL BE IDENTIFIED TO THE ARCHITECT OR ENGINEER PRIOR TO THE SUBMISSION OF PRICING BIDS. WITH A SUBMITTED BID, CONTRACTOR IS ACCEPTING THESE DOCUMENTS AS SUFFICIENT DEFINITION OF THE SCOPE OF WORK, AND ANY ADDITIONAL COSTS BASED ON UNCLARITY OF CONTRACT DOCUMENTS WILL NOT BE CONSIDERED.

THE CONTRACTOR SHALL REFERENCE THE FULL SET OF CONSTRUCTION DOCUMENTS DURING PRICING AND CONSTRUCTION FOR COORDINATION BETWEEN DISCIPLINES RELATIVE TO THE MECHANICAL SCOPE.

LEGEND

SYMBOLS	DESCRIPTION
X1 X2	DIFFUSER, GRILLE, REGISTER OR LOUVER TAG X1 = TYPE, X2 = CFM
	POSITIVE PRESSURE (AIR GOES OUT) DIFFUSER OR REGISTER, 4-WAY AIR PATTERN (UNLESS OTHERWISE NOTED)
	NEGATIVE PRESSURE (AIR GOES IN) GRILLE
→	POSITIVE PRESSURE AIRFLOW (TYP. SUPPLY)
←	NEGATIVE PRESSURE AIRFLOW (TYP. RETURN/EXHAUST)
	FLEXIBLE DUCT
	MANUAL VOLUME DAMPER (MVD)
	BACKDRAFT DAMPER (BDD)
	VERTICAL (TYP. WALL) FIRE DAMPER
	VERTICAL (TYP. WALL) COMBINATION FIRE/SMOKE DAMPER
	HORIZONTAL (TYP. FLOOR/CEILING) FIRE DAMPER
	HORIZONTAL (TYP. FLOOR/CEILING) COMBINATION FIRE/SMOKE DAMPER
T	THERMOSTAT
H	HUMIDISTAT
S	REMOTE TEMPERATURE SENSOR
	INTERNALLY LINED DUCT
	DUCT UP
	DUCT DOWN
	SUPPLY DUCT
UNIT #	EQUIPMENT TYPE EQUIPMENT NUMBER. WHERE A LETTER IS USED, THERE ARE MULTIPLE INSTANCES.

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	M	MOTOR
BDD	BACKDRAFT DAMPER	MA	MAKE-UP AIR
AHU	AIR HANDLING UNIT	MAU	MAKE-UP AIR UNIT
CO2	CARBON DIOXIDE	MAV	MANUAL AIR VENT
CU	CONDENSING UNIT	MBH	1,000 BTU PER HR.
D	CONDENSATE DRAIN	MFCU	MINI FAN COIL UNIT
DB	DRY BULB	MHP	MINI HEAT PUMP
DH	DEHUMIDIFIER	MVD	MANUAL VOLUME DAMPER
EA	EXHAUST AIR	NC	NORMALLY CLOSED
EAT	ENTERING AIR TEMPERATURE	NO	NORMALLY OPEN
EDH	ELECTRIC DUCT HEATER	OA	OUTSIDE AIR
EF	EXHAUST FAN	OBD	OPPOSED BLADE DAMPER
ESP	EXTERNAL STATIC PRESSURE	PIU	POWER INDUCTION UNIT
EW1	ELECTRIC WALL HEATER	RA	RETURN AIR
F	DEGREES FAHRENHEIT	RH	RELIEF HOOD
FCU	FAN COIL UNIT	RTU	ROOFTOP UNIT
FD	FIRE DAMPER	SA	SUPPLY AIR
FSD	COMBINATION FIRE/SMOKE DAMPER	SP	STATIC PRESSURE
FURN	FURNACE	U.N.O	UNLESS NOTED OTHERWISE
H	HUMIDISTAT	UC	UNDER CUT DOOR
IH	INTAKE HOOD	VAV	VARIABLE AIR VOLUME
LAT	LEAVING AIR TEMPERATURE	WB	WET BULB
LWT	LEAVING WATER TEMPERATURE	WL	WALL LOUVER

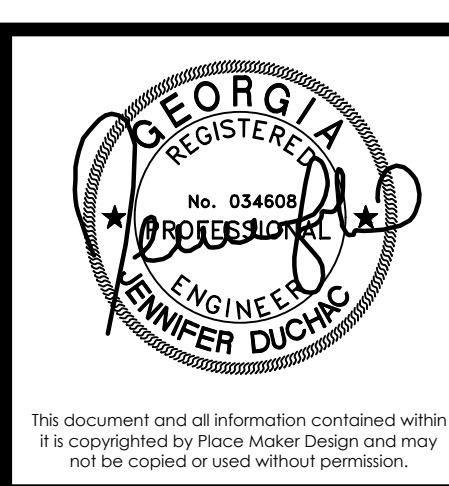


REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188



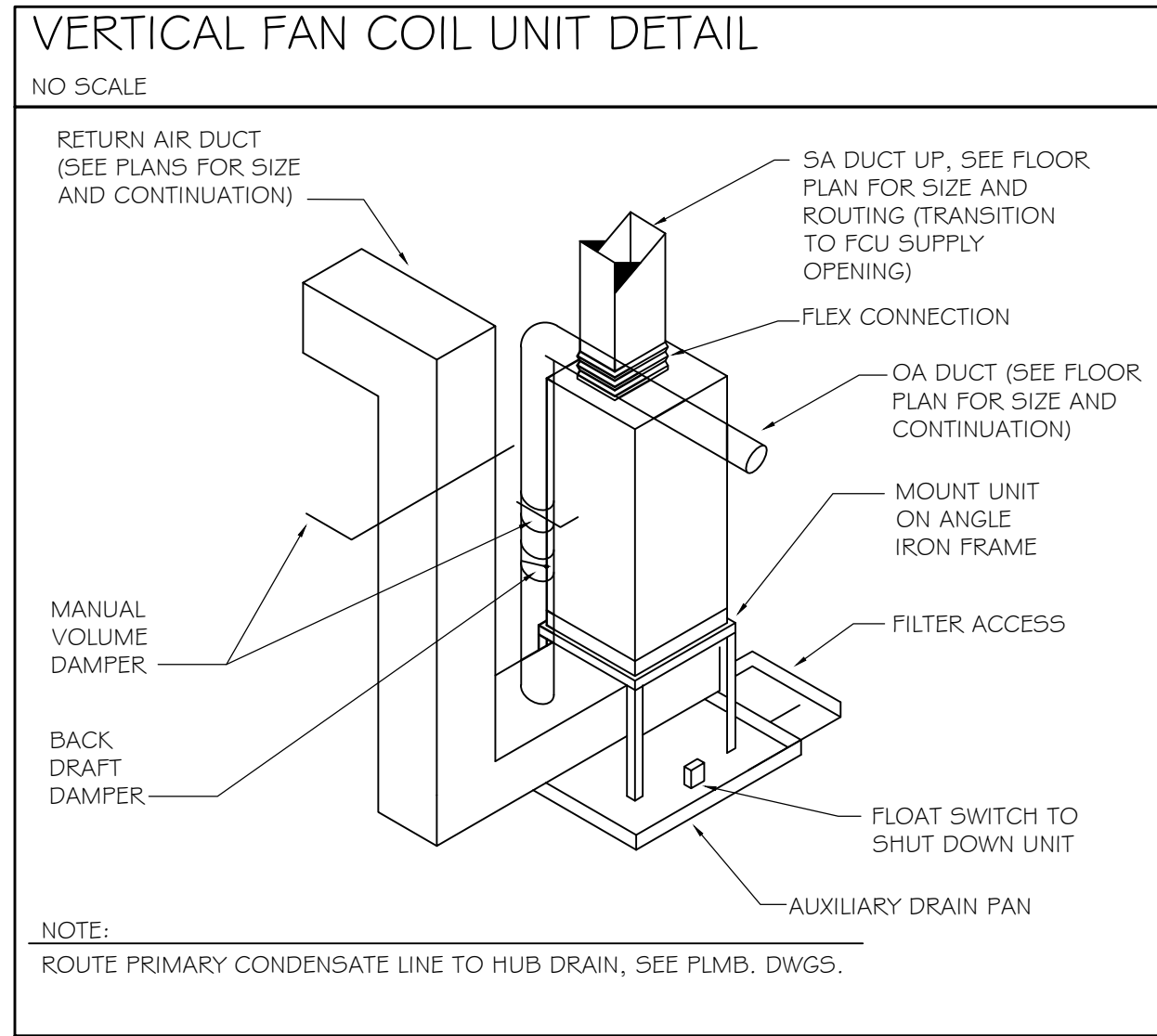
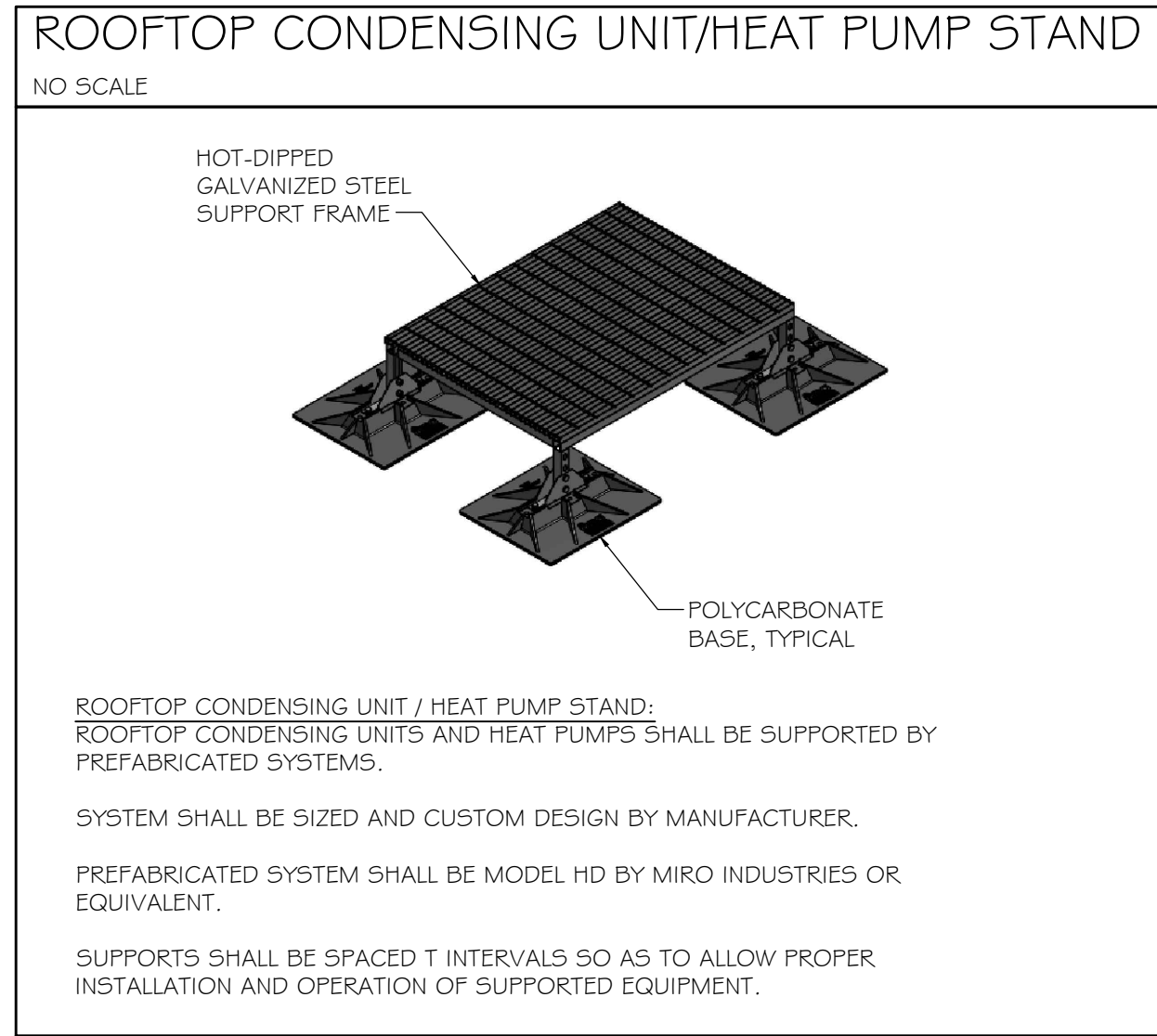
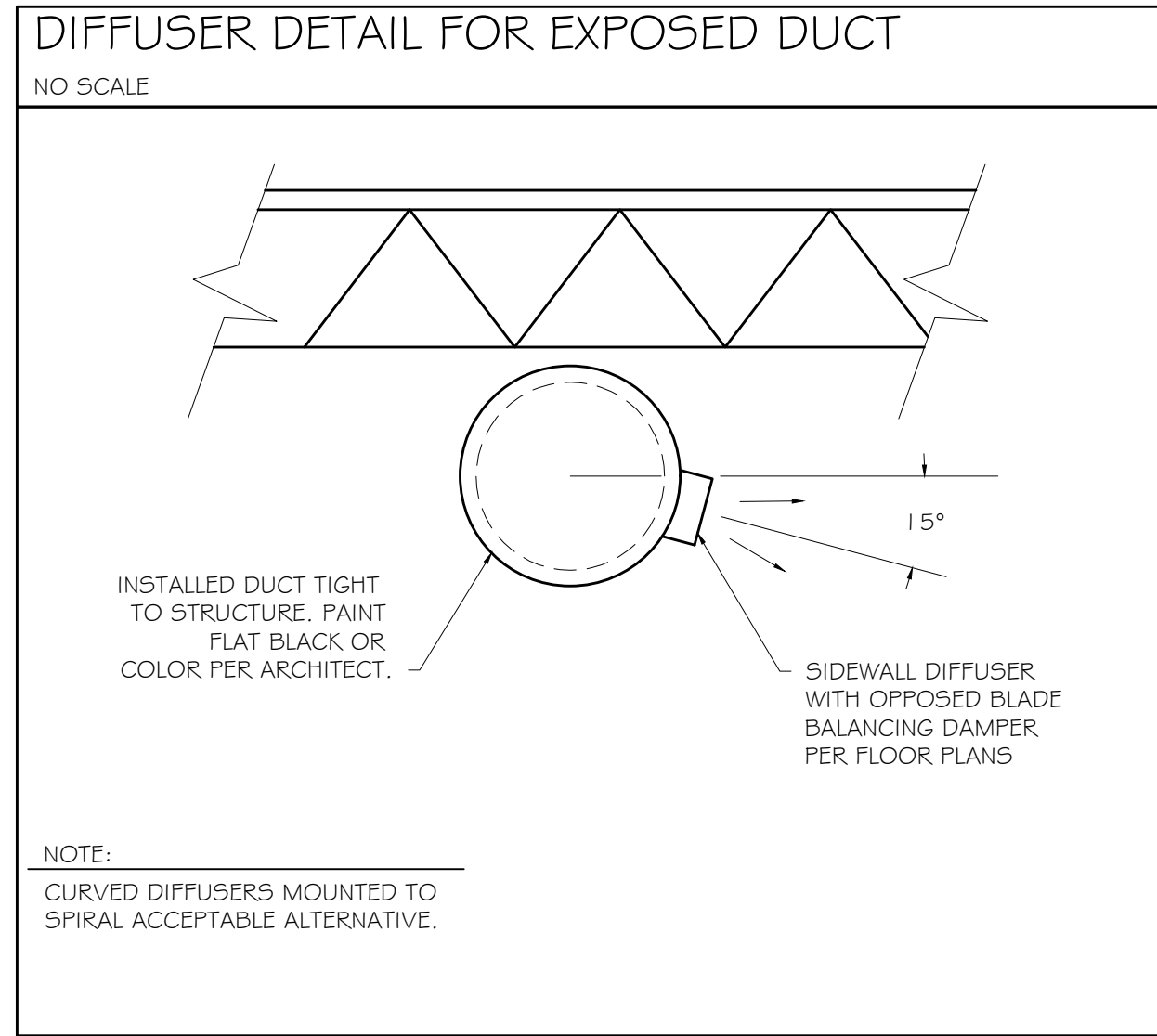
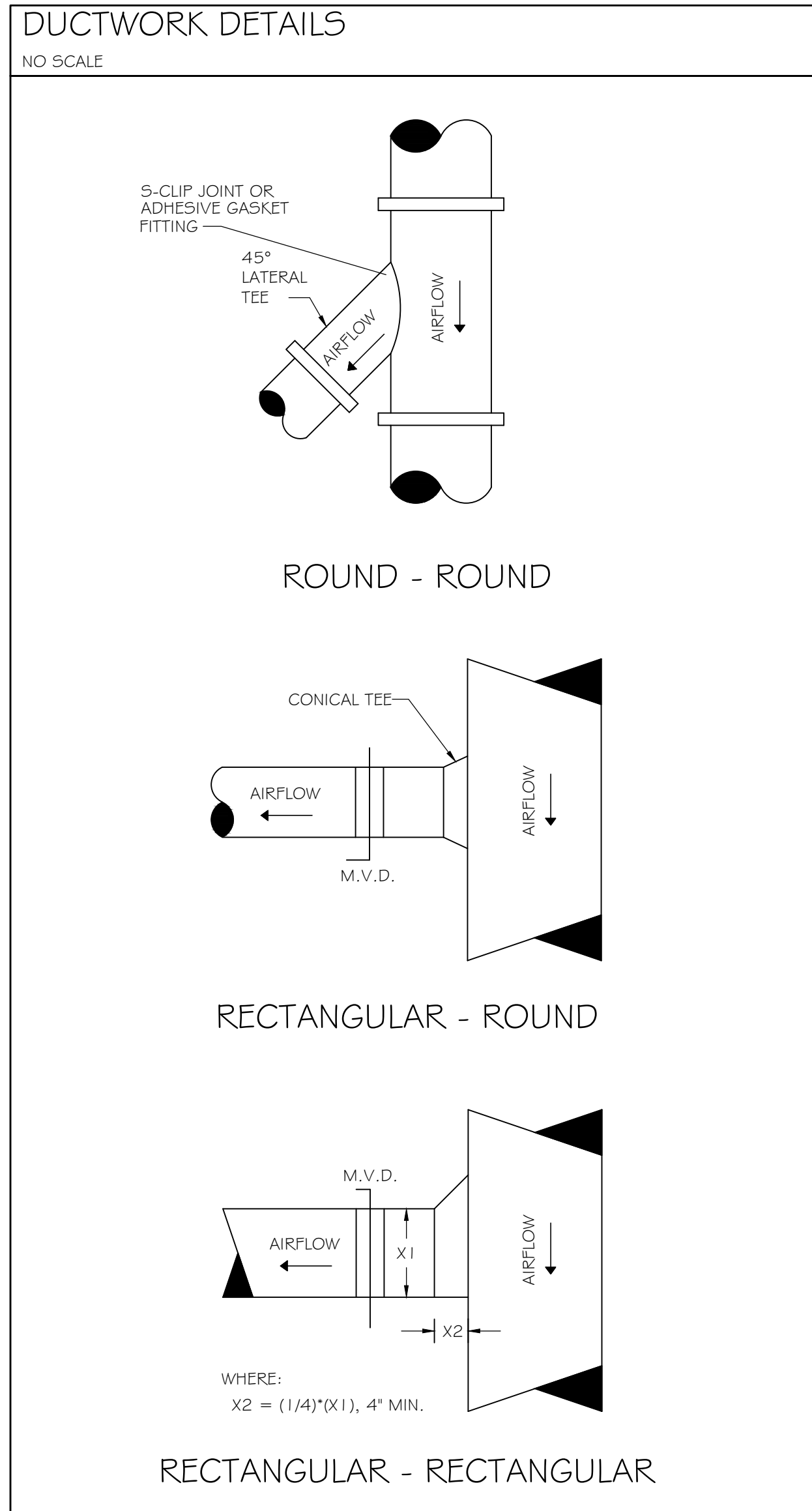
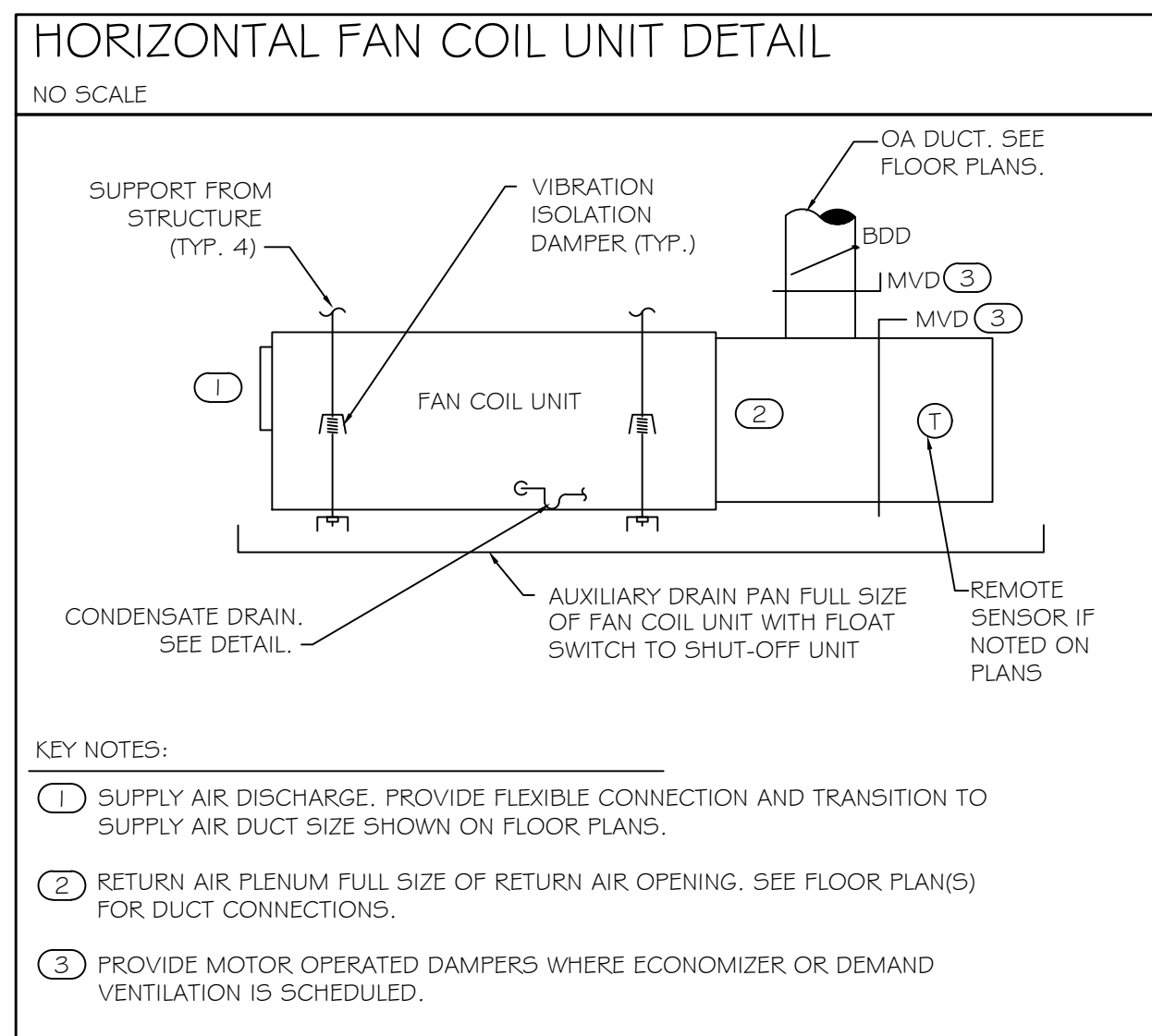
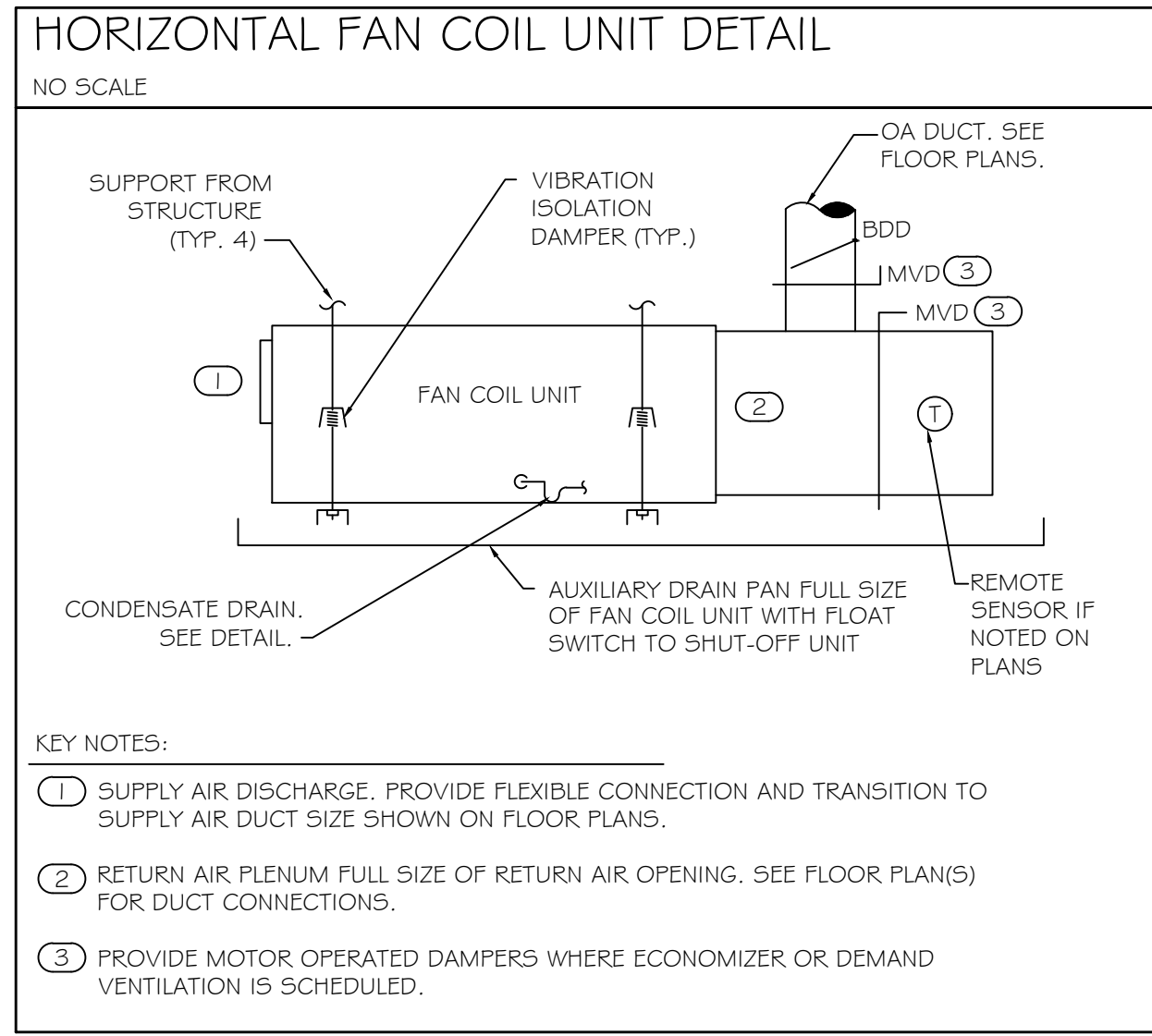
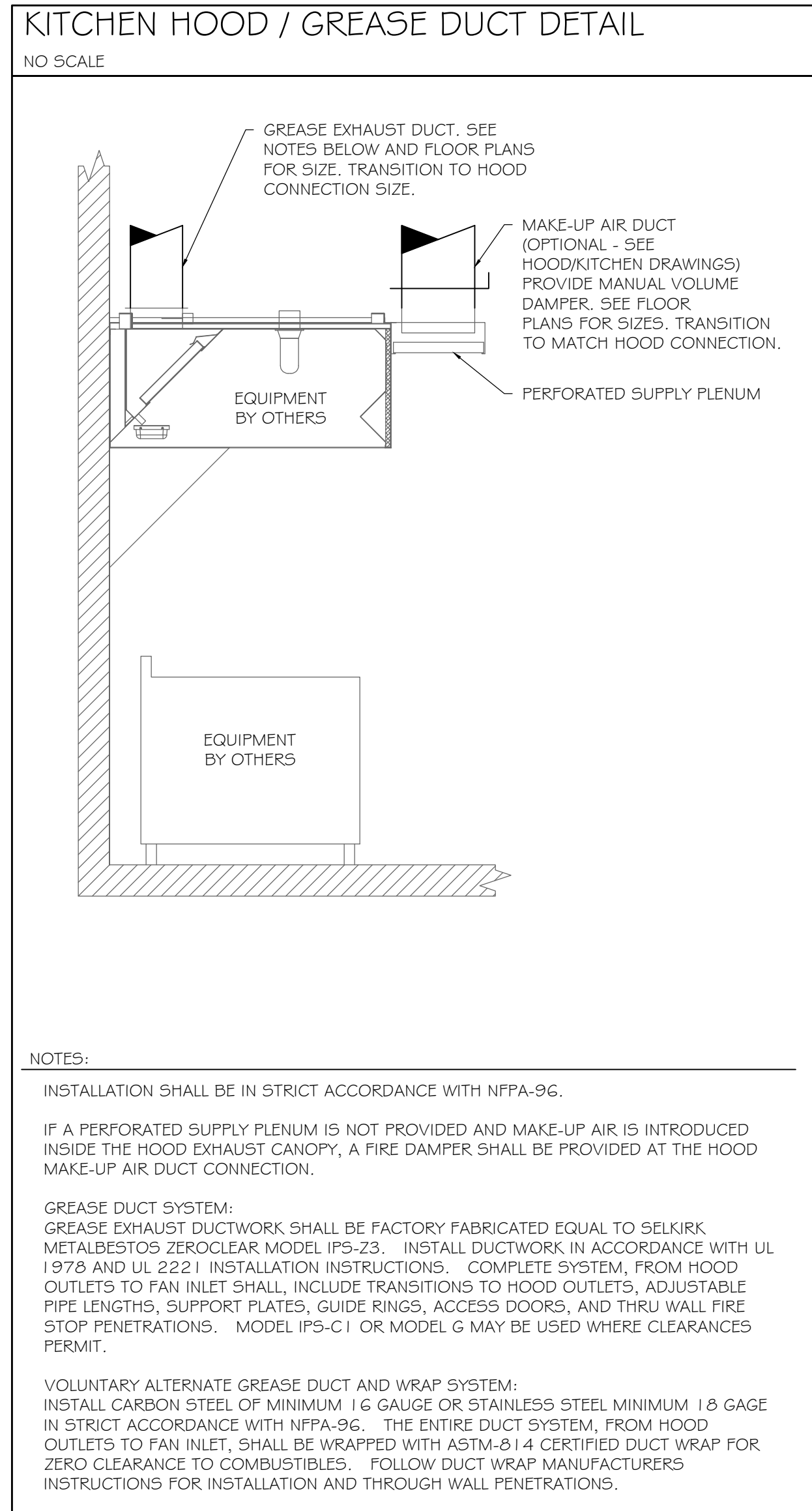
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ISSUE DATE: 08/24/2023
DRAWN BY: VMA
CHECKED BY: JO
PNO PROJ #: 23031

SHEET TITLE: GENERAL

SHEET # **M0.1**



SPECIFICATIONS

ROOFTOP UNITS:

GENERAL
 OUTDOOR, ROOFTOP MOUNTED, ELECTRICALLY CONTROLLED, HEATING AND COOLING UNIT UTILIZING A FULLY HERMETIC SCROLL COMPRESSOR(S) FOR COOLING DUTY AND GAS COMBUSTION FOR HEATING DUTY.
 FACTORY ASSEMBLED, SINGLE-PIECE HEATING AND COOLING ROOFTOP UNIT. CONTAINED WITHIN THE UNIT ENCLOSURE SHALL BE ALL FACTORY WIRING, PIPING, CONTROLS, AND SPECIAL FEATURES REQUIRED PRIOR TO FIELD START-UP.
 UNIT SHALL USE ENVIRONMENTALLY SOUND, PURON® REFRIGERANT.
 UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. UNIT MUST BE SELECTED AND INSTALLED IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL CODES.

UNIT CABINET
 UNIT CABINET SHALL BE CONSTRUCTED OF GALVANIZED STEEL, AND SHALL BE BONDERIZED AND COATED WITH A PRE-PAINTED BAKED ENAMEL FINISH ON ALL EXTERNALLY EXPOSED SURFACES.

STANDARD HEAT EXCHANGER CONSTRUCTION
 HEAT EXCHANGER SHALL BE OF THE TUBULAR-SECTION TYPE CONSTRUCTED OF A MINIMUM OF 20-GAUGE STEEL COATED WITH A NOMINAL 1.2 MIL ALUMINUM-SILICONE ALLOY FOR CORROSION RESISTANCE.
 BURNERS SHALL BE OF THE IN-SHOT TYPE CONSTRUCTED OF ALUMINUM-COATED STEEL. BURNERS SHALL INCORPORATE ORIFICES FOR RATED HEAT OUTPUT UP TO 2000 FT (610M) ELEVATION. ADDITIONAL ACCESSORY KITS MAY BE REQUIRED FOR APPLICATIONS ABOVE 2000 FT (610M) ELEVATION, DEPENDING ON LOCAL GAS SUPPLY CONDITIONS.
 EACH HEAT EXCHANGER TUBE SHALL CONTAIN MULTIPLE DIMPLES FOR INCREASED HEATING EFFECTIVENESS.

STANDARD ALUMINUM/COPPER COILS:
 STANDARD EVAPORATOR AND CONDENSER COILS SHALL HAVE ALUMINUM LANCED PLATE FINS MECHANICALLY BONDED TO SEAMLESS INTERNALLY GROOVED COPPER TUBES WITH ALL JOINTS BRAZED.
 EVAPORATOR COILS SHALL BE LEAK TESTED TO 150 PSIG, PRESSURE TESTED TO 450 PSIG, AND QUALIFIED TO UL 1995 BURST TEST AT 1775 PSIG.
 CONDENSER COILS SHALL BE LEAK TESTED TO 150 PSIG, PRESSURE TESTED TO 650 PSIG, AND QUALIFIED TO UL 1995 BURST TEST AT 1980 PSIG.

COMPRESSORS
 UNIT SHALL USE FULLY HERMETIC, SCROLL COMPRESSOR FOR EACH INDEPENDENT REFRIGERATION CIRCUIT.

FILTER SECTION
 FILTERS ACCESS IS SPECIFIED IN THE UNIT CABINET SECTION OF THIS SPECIFICATION. FILTERS SHALL BE HELD IN PLACE BY A PIVOTING FILTER TRAY, FACILITATING EASY REMOVAL AND INSTALLATION.
 SHALL CONSIST OF FACTORY-INSTALLED, LOW VELOCITY, THROW-AWAY 2-IN. THICK FIBERGLASS FILTERS.
 FILTERS SHALL BE STANDARD, COMMERCIALY AVAILABLE SIZES.

EVAPORATOR FAN AND MOTOR
 EVAPORATOR FAN MOTOR:
 SHALL HAVE PERMANENTLY LUBRICATED BEARINGS.
 SHALL HAVE INHERENT AUTOMATIC-RESET THERMAL OVERLOAD PROTECTION OR CIRCUIT BREAKER.
 SHALL HAVE A MAXIMUM CONTINUOUS BHP RATING FOR CONTINUOUS DUTY OPERATION; NO SAFETY FACTORS ABOVE THAT RATING SHALL BE REQUIRED.
 BELT-DRIVEN EVAPORATOR FAN:
 BELT DRIVE SHALL INCLUDE AN ADJUSTABLE-PITCH MOTOR PULLEY.
 SHALL USE SEALED, PERMANENTLY LUBRICATED BALL-BEARING TYPE.
 BLOWER FAN SHALL BE DOUBLE-INLET TYPE WITH FORWARD-CURVED BLADES.
 SHALL BE CONSTRUCTED FROM STEEL WITH A CORROSION RESISTANT FINISH AND DYNAMICALLY BALANCED.

CONDENSER FANS AND MOTORS
 CONDENSER FAN MOTORS:
 SHALL BE A TOTALLY ENCLOSED MOTOR.
 SHALL USE PERMANENTLY LUBRICATED BEARINGS.
 SHALL HAVE INHERENT THERMAL OVERLOAD PROTECTION WITH AN AUTOMATIC RESET FEATURE.
 SHALL USE A SHAFT-DOWN DESIGN ON 04 TO 12 MODELS AND SHAFT-UP ON 14 SIZE WITH RAIN SHIELD.
 CONDENSER FANS:
 SHALL BE A DIRECT-DRIVEN PROPELLER TYPE FAN.
 SHALL HAVE ALUMINUM BLADES RIVETED TO CORROSION-RESISTANT STEEL SPIDERS AND SHALL BE DYNAMICALLY BALANCED.

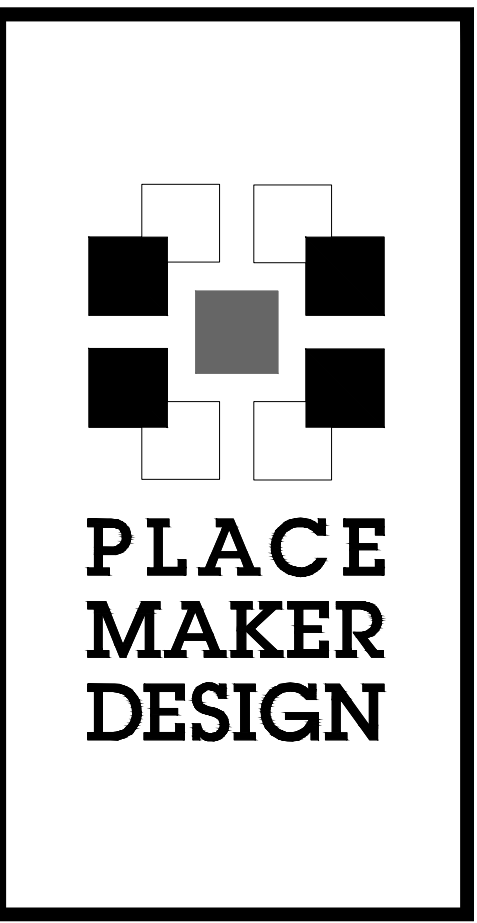
ACCESSORIES: REFER TO THE EQUIPMENT SCHEDULE FOR A COMPLETE LISTING OF REQUIRED ACCESSORIES.

SMOKE DETECTORS:
 SHALL BE A FOUR-WIRE CONTROLLER AND DETECTOR.
 SHALL BE ENVIRONMENTAL COMPENSATED WITH DIFFERENTIAL SENSING FOR RELIABLE, STABLE, AND DRIFT-FREE SENSITIVITY.
 SHALL USE MAGNET-ACTIVATED TEST/RESET SENSOR SWITCHES.
 SHALL HAVE TOOL-LESS CONNECTION TERMINAL ACCESS.
 SHALL HAVE A RECESSED MOMENTARY SWITCH FOR TESTING AND RESETTING THE DETECTOR. CONTROLLER SHALL INCLUDE:
 (1.) ONE SET OF NORMALLY OPEN ALARM INITIATION CONTACTS FOR CONNECTION TO AN INITIATING DEVICE CIRCUIT ON A FIRE ALARM CONTROL PANEL.
 (2.) TWO FORM-C AUXILIARY ALARM RELAYS FOR INTERFACE WITH ROOFTOP UNIT OR OTHER EQUIPMENT.
 (3.) ONE FORM-C SUPERVISION (TROUBLE) RELAY TO CONTROL THE OPERATION OF THE TROUBLE LED ON A REMOTE TEST/RESET STATION.
 (4.) CAPABLE OF DIRECT CONNECTION TO TWO INDIVIDUAL DETECTOR MODULES.
 (5.) CAN BE WIRED TO UP TO 14 OTHER DUCT SMOKE DETECTORS FOR MULTIPLE FAN SHUTDOWN APPLICATIONS

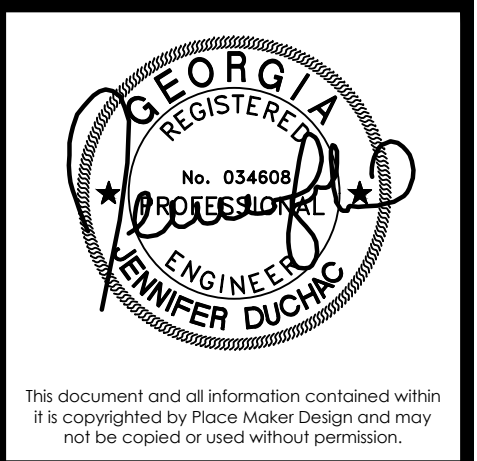
THERMOSTATS:
 ELECTRIC, SOLID-STATE, MICROCOMPUTER-BASED ROOM THERMOSTAT.
 AUTOMATIC SWITCHING FROM HEATING TO COOLING.
 PREFERENTIAL RATE CONTROL TO MINIMIZE OVERSHOOT AND DEVIATION FROM SET POINT.
 SET UP FOR FOUR SEPARATE TEMPERATURES PER DAY.
 INSTANT OVERRIDE OF SET POINT FOR CONTINUOUS OR TIMED PERIOD FROM 1 HOUR TO 31 DAYS.
 SHORT-CYCLE PROTECTION.
 PROGRAMMING BASED ON EVERY DAY OF WEEK.
 SELECTION FEATURES INCLUDE DEGREE F DISPLAY, 12- OR 24-HOUR CLOCK, KEYBOARD DISABLE, REMOTE SENSOR, AND FAN ON/AUTO.
 BATTERY REPLACEMENT WITHOUT PROGRAM LOSS.
 THERMOSTAT DISPLAY FEATURES INCLUDE THE FOLLOWING:
 TIME OF DAY.
 ACTUAL ROOM TEMPERATURE.
 PROGRAMMED TEMPERATURE.
 PROGRAMMED TIME.
 DURATION OF TIMED OVERRIDE.
 DAY OF WEEK.
 SYSTEM MODE INDICATIONS INCLUDE "HEATING," "OFF," "FAN AUTO," AND "FAN ON."

ELECTRIC HEAT:
 HEATER ELEMENT OPEN COIL RESISTANCE WIRE, NICKEL-CHROME ALLOY, 0.29 INCHES INSIDE DIAMETER, STRUNG THROUGH CERAMIC INSULATORS MOUNTED ON METAL FRAME. COIL ENDS ARE STAKED AND WELDED TO TERMINAL SCREW SLOTS.

HEATER ASSEMBLIES ARE PROVIDED WITH INTEGRAL FUSING FOR PROTECTION OF INTERNAL HEATER CIRCUITS NOT EXCEEDING 40 AMPS EACH. AUTO RESET THERMO LIMIT CONTROLS, MAGNETIC HEATER CONTACTORS (24 V COIL) AND TERMINAL BLOCK ALL MOUNTED IN ELECTRIC HEATER CONTROL BOX (MINIMUM 1/8 GA GALVANIZED STEEL) ATTACHED TO END OF HEATER ASSEMBLY.



REV #	DATE	DESCRIPTION



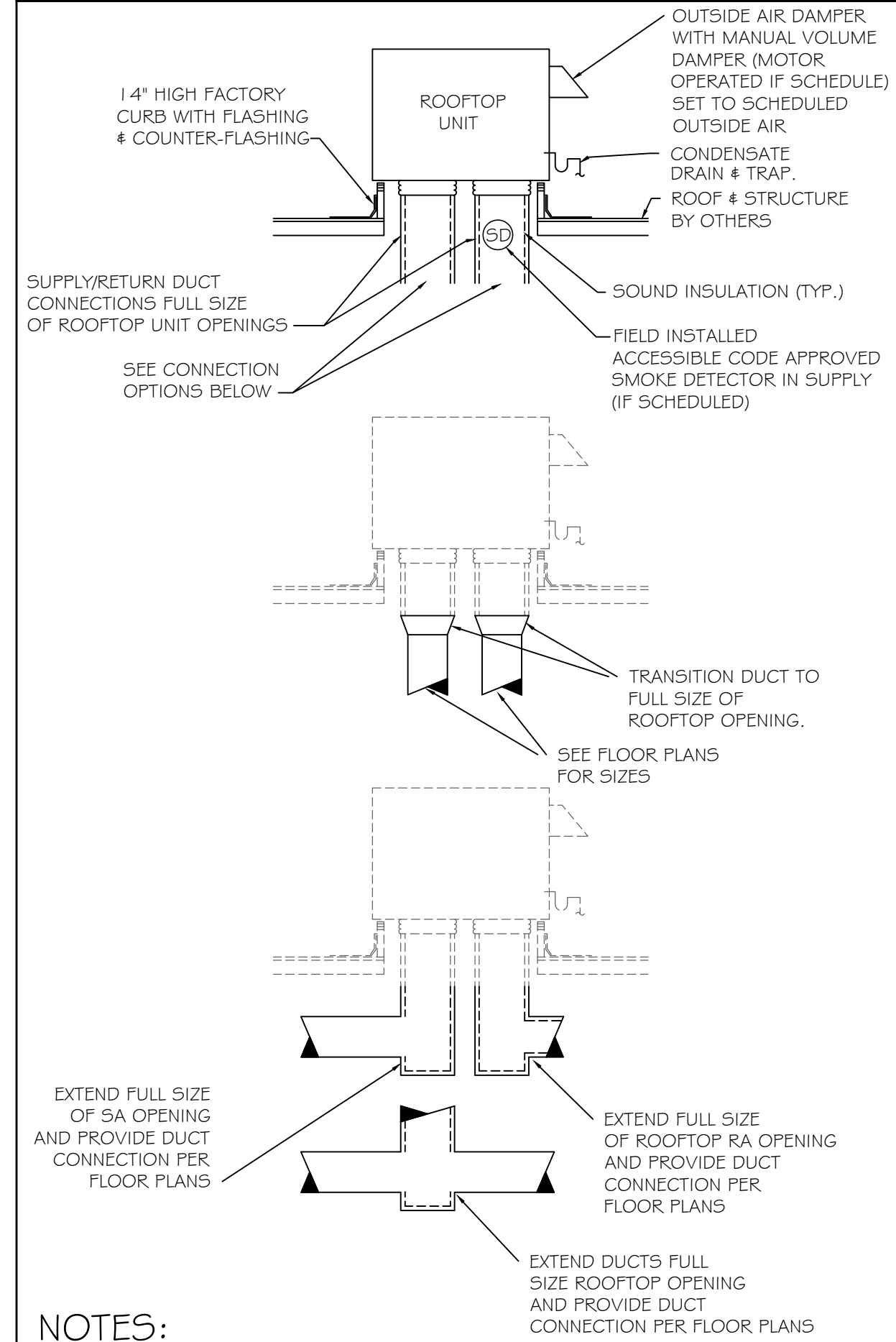
PLACE MAKER DESIGN
 280 INTERSTATE NORTH CIRCLE SE
 SUITE 510
 ATLANTA, GEORGIA 30339
 404.549.4499

ISSUE DATE	08/24/2023
DRAWN BY	VIA
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GENERAL
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M0.2

ROOFTOP UNIT DETAIL

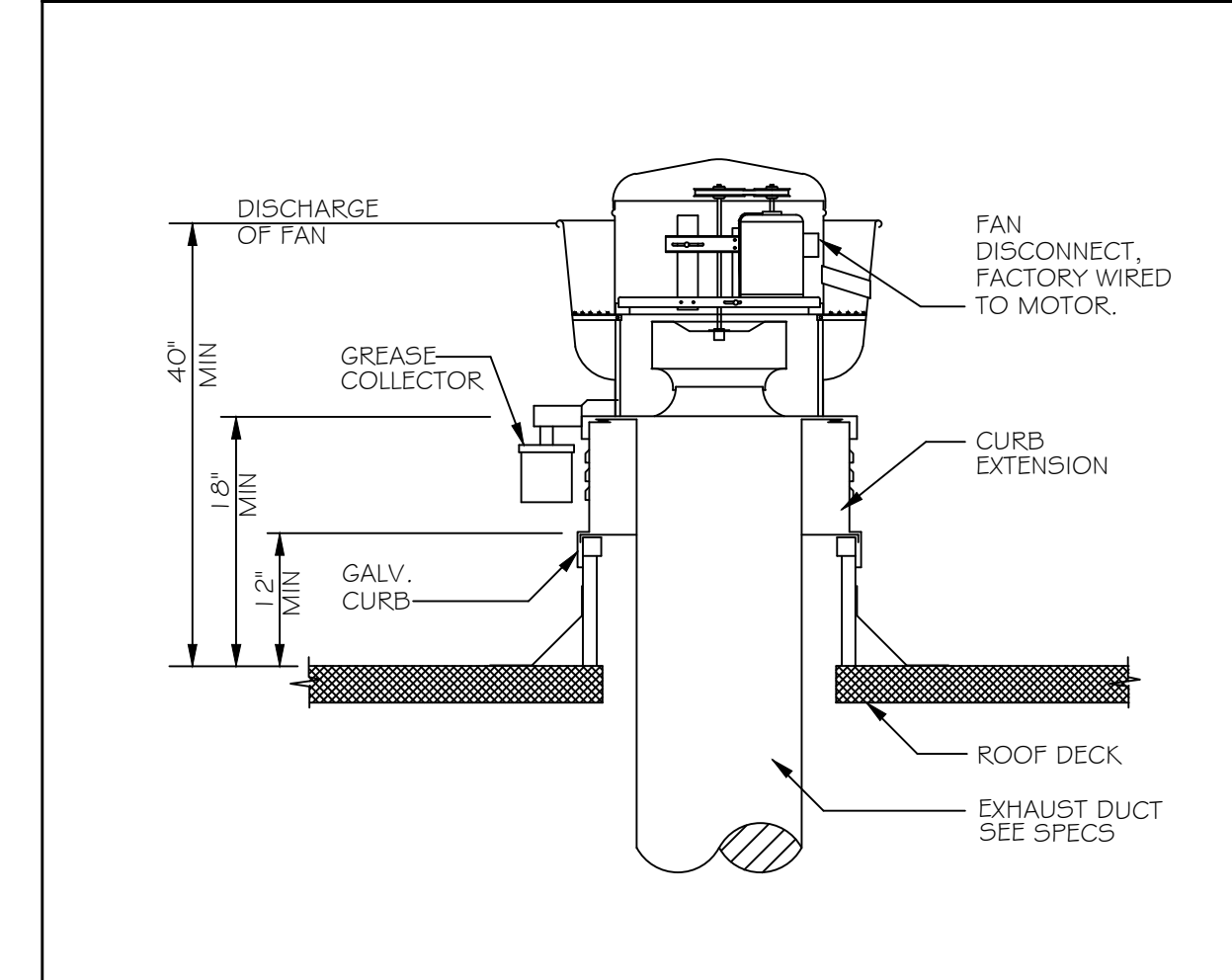
NO SCALE



- NOTES:**
1. REFER TO FLOOR PLANS TO DETERMINE WHICH CONNECTION SHALL BE INSTALLED.
 2. COORDINATE EXACT LOCATION OF ROOF OPENING WITH ARCHITECT AND STRUCTURAL.
 3. WHERE SUPPLY AIR BY-PASS IS SCHEDULED, PROVIDE BY-PASS IN ROOF CURB WITH MANUAL VOLUME DAMPER ACCESSIBLE FROM ROOF.
 4. CONSTANT VOLUME RTUs WITH ECONOMIZERS SHALL INCLUDE MOTORIZED DAMPERS IN BOTH THE OUTDOOR AIR AND RETURN FOR ECONOMIZER CONTROL.
 5. CONSTANT VOLUME RTUs WITHOUT ECONOMIZERS SHALL INCLUDE A MOTORIZED OUTDOOR AIR INTAKE DAMPER AND A MANUAL VOLUME DAMPER IN RETURN DUCT FOR BALANCING. MANUAL VOLUME DAMPER IN OUTDOOR AIR INTAKE IS ONLY ACCEPTABLE WHERE MOTORIZED IS NOT OFFERED BY THE RTU MANUFACTURER.

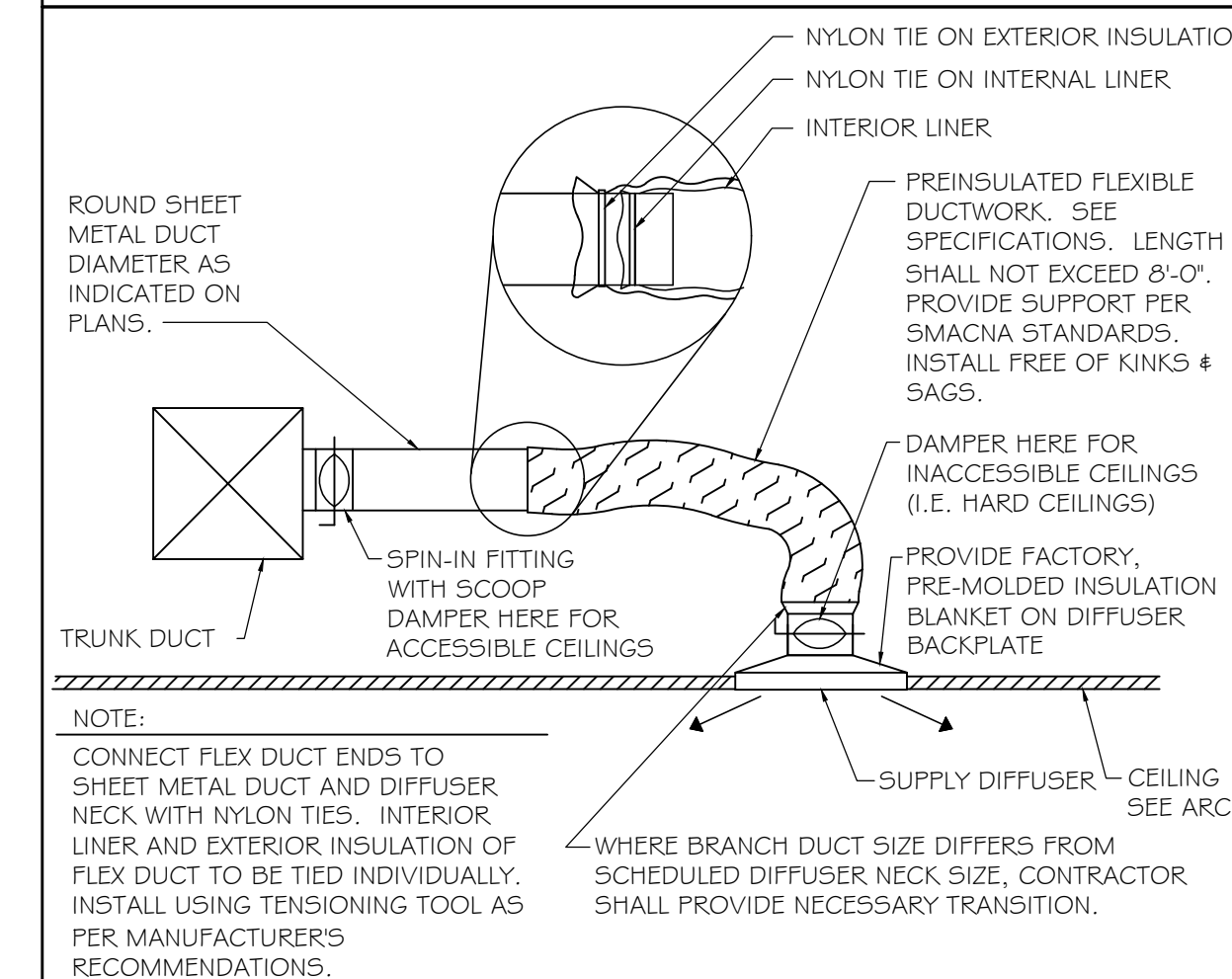
ROOF UPBLAST EXHAUST FAN DETAIL

NO SCALE



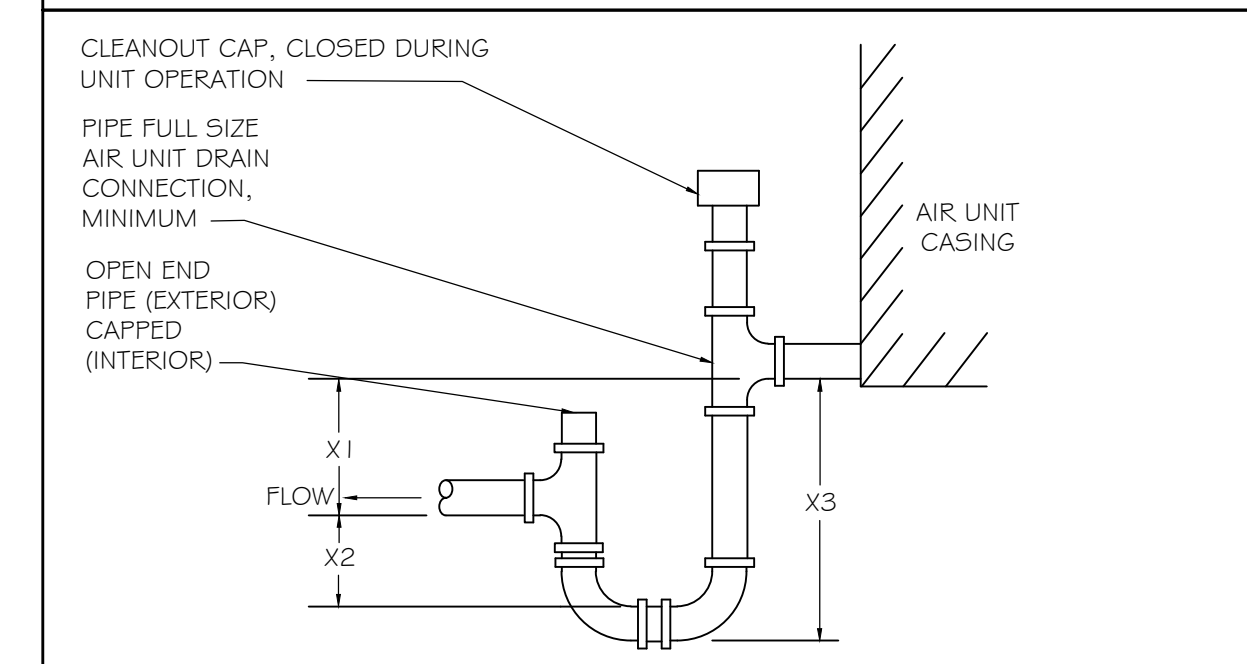
DIFFUSER TAKE-OFF DETAIL

NO SCALE

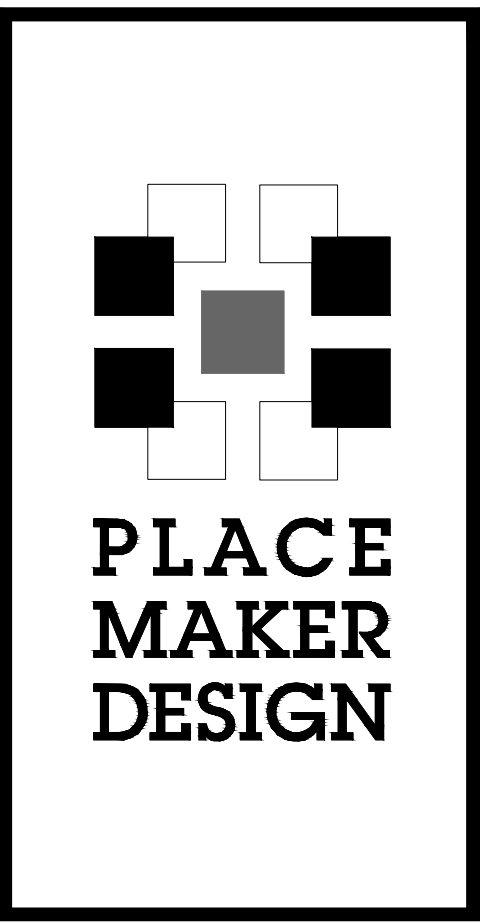


CONDENSATE TRAP (DRAW THROUGH UNIT)

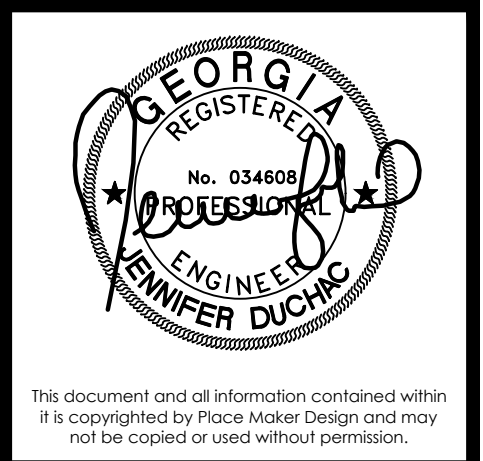
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- WHERE:**
- X1 = 1" PLUS MAXIMUM NEGATIVE STATIC PRESSURE
 - X2 = HALF OF X1
 - X3 = X1 + X2 + PIPE Ø + INSULATION
- NOTES:**
1. LOCATE TRAPS SO AS TO BE ACCESSIBLE FOR CLEANING.



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SHEET TITLE
DETAILS

SHEET #
M0.3

Global Plasma Solutions
10 Mall Terrace, Building C
Savannah, GA 31406
Phone: (912) 356-0115 Fax: (912) 356-0114
Email: info@globalplasma.com Web: www.globalplasma.com
VERSION 1.0 running ASHRAE 62.1-2013

Zone Tag	Facility Type	Zone Use	Zone Floor Area (square ft)	Zone Max Occupancy	Table 6.1 OA per Occupant	Table 6.1 cfm/ft ²	Pz * Rp	Az * Ra	Table 6.2 Ventilation Effectiveness	Outdoor Air to Zone (CFM) with E2 correction (Vout/E)
FCU-2	Food & Beverage Service	Restaurant Dining Rooms	911.0	60.0	7.5	0.18	450	164	0.8	767

Zone Height (feet) 10
 Outside Air per VOP (IAQP) 425
 Supply Air (V) 1,990
 Return Air (V) 445
 Recirc. Flow Factor (R) 0.15
 Ventilation Effectiveness (E2) 0.8
 Level of Physical Activity **Sedentary**
 Filter Location **B**
 HVAC Flow Type **Constant**
 Outdoor Air Flow Type **Constant**

IAQ acceptable at reduced outside air levels? **Yes**

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IMC 2006 & later allows for ASHRAE 62 IAQP through the engineered exception found in Section 403.2
Exhaust flow rates may differ from Table 6.2 based on ASHRAE 62 IAQP via Section 6.2.2

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VERSION 1.0 running ASHRAE 62.1-2013

Zone Tag	Facility Type	Zone Use	Zone Floor Area (square ft)	Zone Max Occupancy	Table 6.1 OA per Occupant	Table 6.1 cfm/ft ²	Pz * Rp	Az * Ra	Table 6.2 Ventilation Effectiveness	Outdoor Air to Zone (CFM) with E2 correction (Vout/E)
RTU-1	Food & Beverage Service	Restaurant Dining Rooms	958.0	50.0	7.5	0.18	375	172	0.8	684

Zone Height (feet) 13
 Outside Air per VOP (IAQP) 425
 Supply Air (V) 1,990
 Return Air (V) 445
 Recirc. Flow Factor (R) 0.15
 Ventilation Effectiveness (E2) 0.8
 Level of Physical Activity **Sedentary**
 Filter Location **B**
 HVAC Flow Type **Constant**
 Outdoor Air Flow Type **Constant**

IAQ acceptable at reduced outside air levels? **Yes**

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IMC 2006 & later allows for ASHRAE 62 IAQP through the engineered exception found in Section 403.2
Exhaust flow rates may differ from Table 6.2 based on ASHRAE 62 IAQP via Section 6.2.2

AIR BALANCE SCHEDULE

MARK	SERVICE	EXHAUST (CFM)	OUTSIDE AIR (CFM)	FRESHNESS (CFM)	FRESHNESS (%)
KEF-2	HOOD H-2	2500			
KSF-2	HOOD H-2		2250		
MFCU-1	204 PREP		80		
KITCHEN ZONE TOTALS		2,500	2,330	-170	-7%
FCU-4	202 DINING		495		
EF-A	207 TOILET	100			
DINING ZONE TOTALS		100	495	395	395%
BUILDING TOTALS		2,600	2,825	225	9%

AIR BALANCE SCHEDULE

MARK	SERVICE	EXHAUST (CFM)	OUTSIDE AIR (CFM)	FRESHNESS (CFM)	FRESHNESS (%)
KEF-1	HOOD H-1	5500			
KSF-1	HOOD H-1		4950		
KITCHEN ZONE TOTALS		5,500	4,950	-550	-10%
EF-A	106 TOILET	100			
EF-A	108 TOILET	100			
FCU-1	109 PREP / DISH		300		
RTU-1	102 DINING		750		
DINING ZONE TOTALS		200	1,050	850	425%
BUILDING TOTALS		5,700	6,000	300	5%

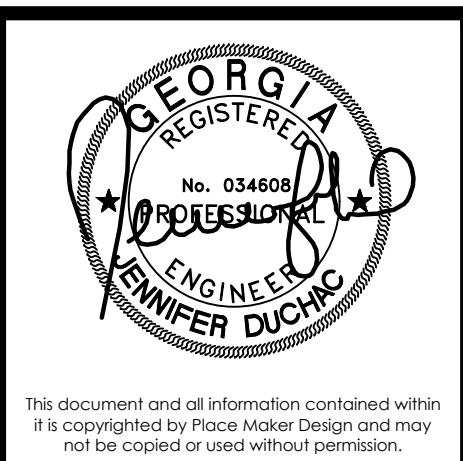
AIR PURIFICATION SCHEDULE

ZONE TAG	FLOW	S/A FLOW	O/A FLOW	GFS MODEL	PRESSURE DROP	VOLTAGE (AC)	WATTS	MOUNTING LOCATION	MIN ION DENSITY (IONS/CC)	NOTES
RTU-1	CV	3000	750	GFS-FC48-AC	0.05" W.C.	24-240	10	AHU	400 MILLION	1 TO 8
FCU / HP-2	CV	1990	495	GFS-FC24-AC	0.05" W.C.	24-240	8	AHU	300 MILLION	1 TO 8

- BASIS OF DESIGN: GLOBAL PLASMA SOLUTIONS; APPROVED EQUALS BY AIRGENICS AND BIOGEN SUBJECT TO SPECIFICATION COMPLIANCE
- MOUNT BI-POLAR ION GENERATOR WHERE INDICATED ON SCHEDULE
- IF CONTRACTOR SUBSTITUTES BASIS OF DESIGN WITH ANOTHER MANUFACTURER, CONTRACTOR SHALL COORDINATE ALL ELECTRICAL AND MECHANICAL CHANGES.
- BI-POLAR IONIZATION SYSTEMS REQUIRING PERISHABLE GLASS TUBES ARE NOT ACCEPTABLE
- ALL MANUFACTURERS MUST PASS UL-867-2007 OZONE CHAMBER TESTING BY EITHER UL OR ETL
- PROVIDE WITH WEATHERPROOF ENCLOSURE.
- PROVIDE WITH SELF-CLEANING FEATURE. SYSTEMS WITHOUT SELF-CLEANING SHALL NOT BE ACCEPTABLE.
- PROVIDE STEP-DOWN TRANSFORMER.



REV #	DATE	DESCRIPTION



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404.549.4499

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SCHEDULES

SHEET # **M0.5**

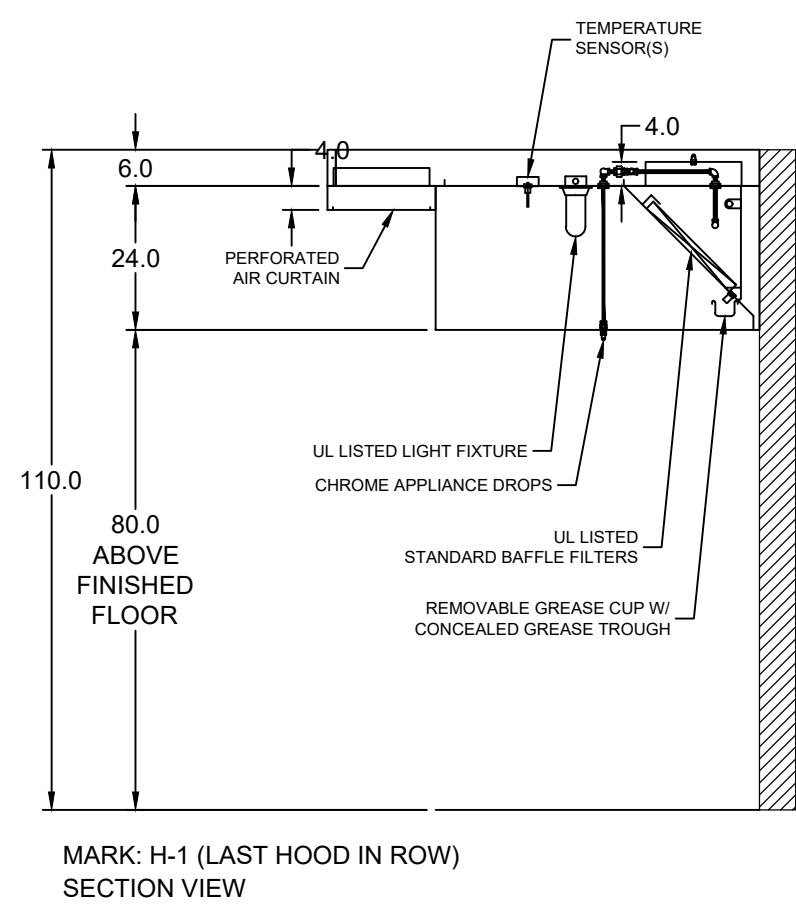
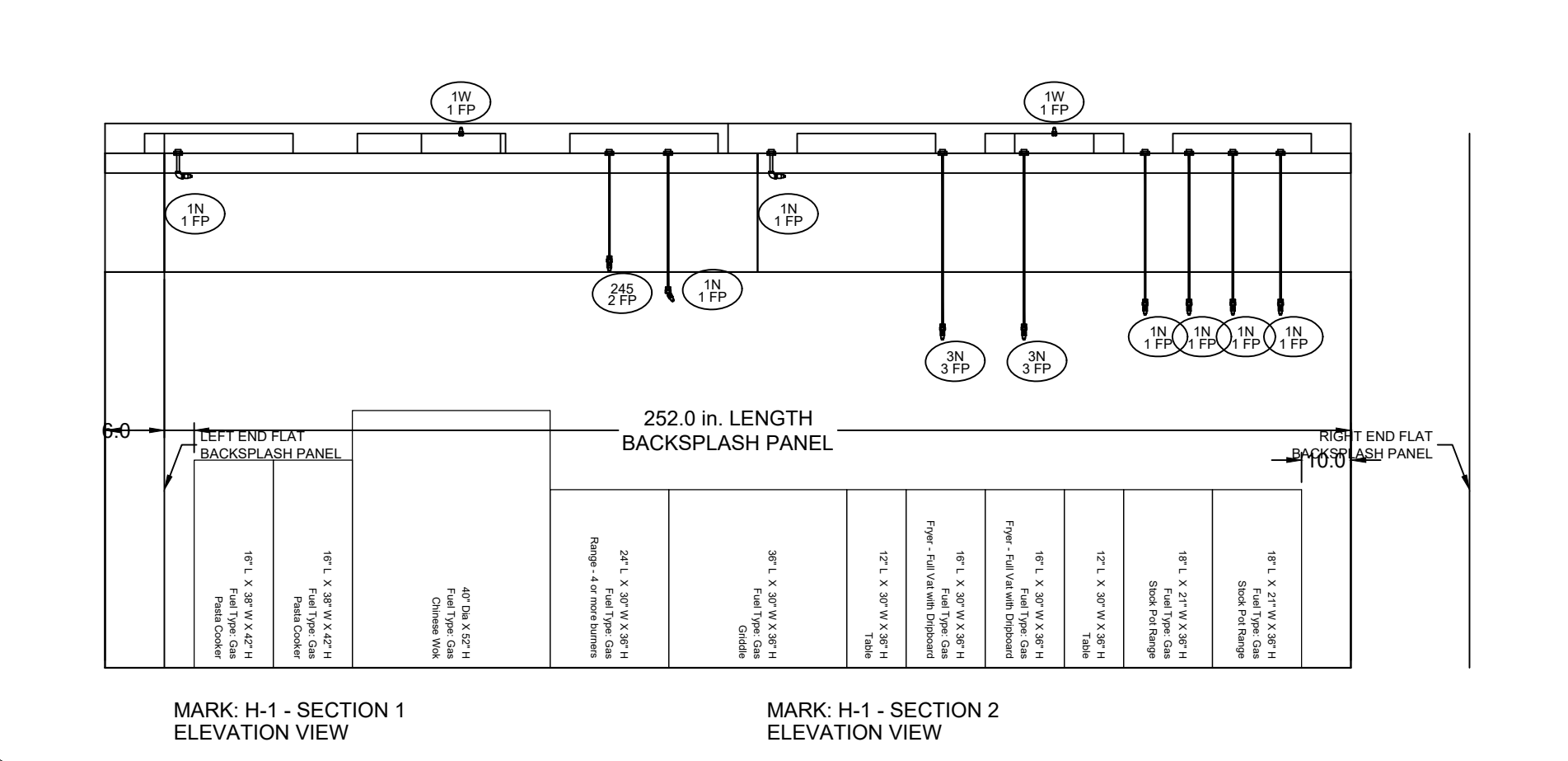
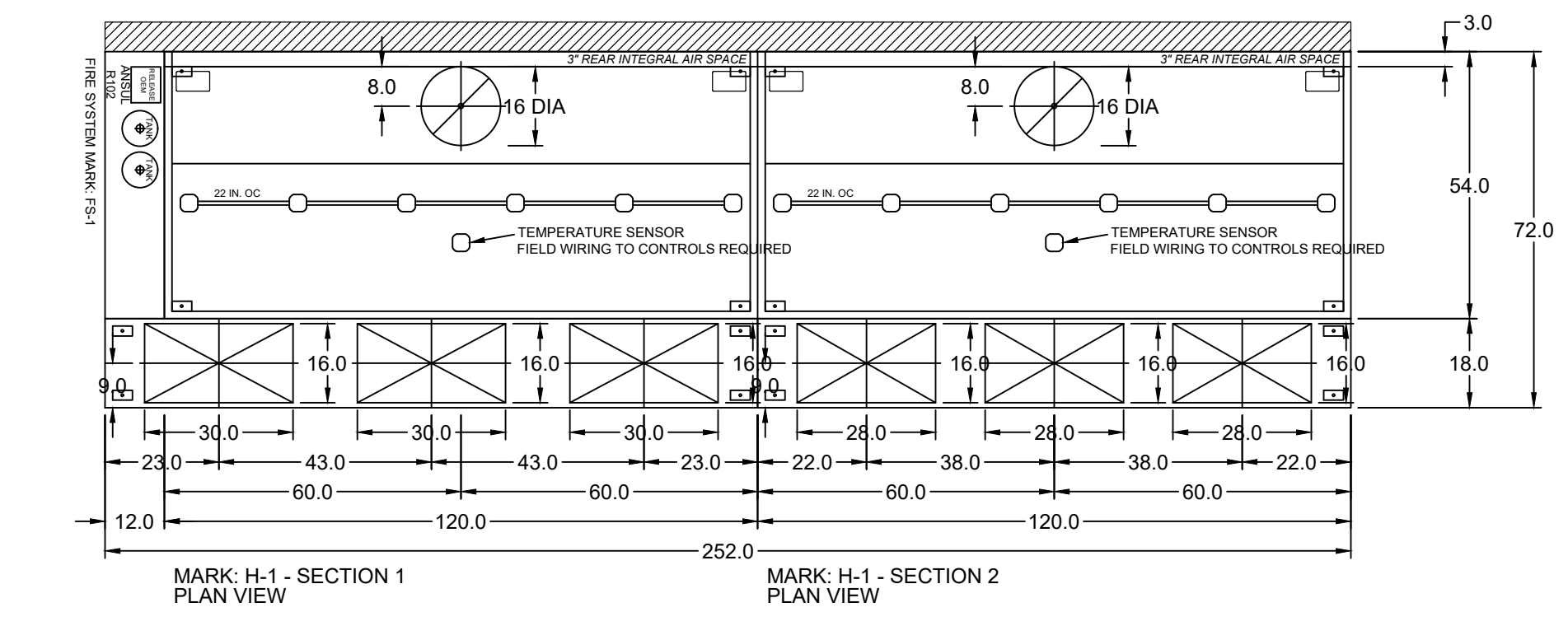
HOOD INFORMATION																
HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.)			HOOD CONSTR.	COOKING LOAD / DUTY RATING	TOTAL CFM	EXHAUST COLLAR(S)			SUPPLY		TOTAL WEIGHT LBS.	SECTION LOCATION	
			LENGTH	WIDTH	HEIGHT				WIDTH	LENGTH	DIA.	CFM	S.P.			MUA
1	H-1	XBEW-120-S	120	54	24	430 SS WHERE EXPOSED	HEAVY	2750		16	2750	0.665	2593		294	LEFT
2	H-1	XBEW-120-S	120	54	24	430 SS WHERE EXPOSED	HEAVY	2750		16	2750	0.665	2357		294	RIGHT

HOOD INFORMATION															
HOOD NO.	MARK	LIGHTING DETAILS			FOOT CANDLES	GREASE FILTRATION DETAILS			UTILITY CABINET(S)						
		FIXTURE TYPE	BULB / LAMP INFO	QTY		TYPE / MODEL	MATERIAL	QTY	SIZE (IN.)	LOCATION	FIRE SYSTEM	CONTROLS			
1	H-1	INCANDESCENT (GLOBE)	100W A19 (BULBS NOT INCL.)	6	50.71	BAFFLE	STAINLESS STEEL	0	16	20	LEFT	ANSUL R102	SIZE	MODEL	INTERFACE
2	H-1	INCANDESCENT (GLOBE)	100W A19 (BULBS NOT INCL.)	6	50.71	BAFFLE	STAINLESS STEEL	0	16	20					

SUPPLY PLENUM INFORMATION																			
HOOD NO.	MARK	POS.	TYPE	SIZE (IN.)			INSULATED	DAMPER(S)	LED LIGHT(S)		TOTAL S.P.	COLLARS							
				L	W	H			SUPPLIED	QTY		TYPE	MOUNTING	QTY	W	L	DIA.	CFM	VEL.
1	H-1	FRONT	ASP	132	18	4	NO	NO	YES	NO	2593	0.01	MUA	FACTORY	3	16	30	864	259
2	H-1	FRONT	ASP	120	18	4	NO	YES	NO	NO	2357	0.01	MUA	FACTORY	3	16	28	786	253

HOOD OPTIONS

UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625
 BACK INTEGRAL AIR SPACE - 3 IN WIDE
 6 IN HIGH CEILING ENCLOSURES - FRONT LEFT RIGHT - FIELD INSTALLED
 CONTINUOUS CAPTURE
 FACTORY MOUNTED EXHAUST COLLAR(S)
 EXHAUST AIR BALANCING BAFFLE(S) - (EABB)
 BACKSPLASH 80.00 IN HIGH 252.00 IN LONG
 LEFT SIDESPLASH 108.00 IN HIGH 18.00 IN LONG
 RIGHT SIDESPLASH 108.00 IN HIGH 18.00 IN LONG
 PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
 STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH



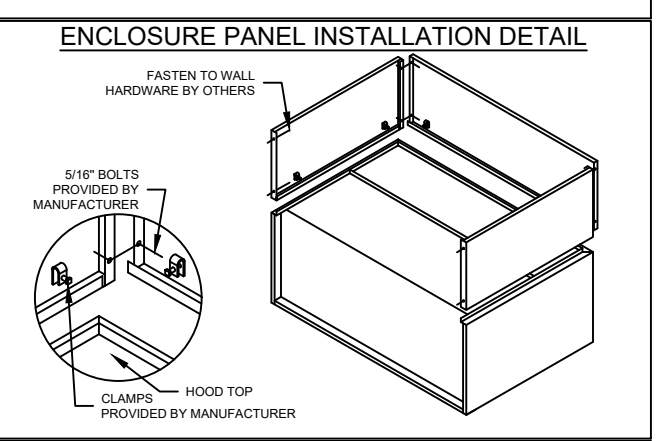
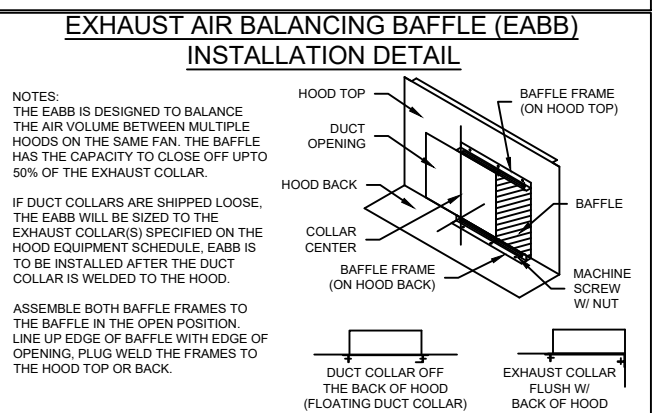
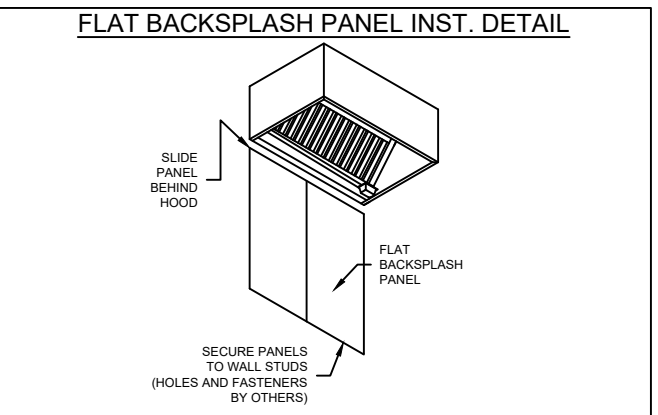
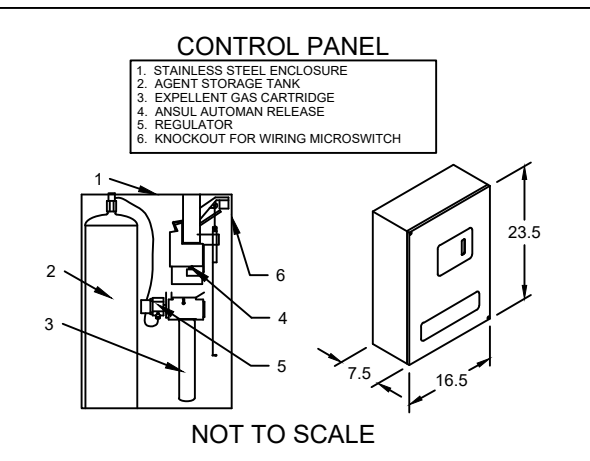
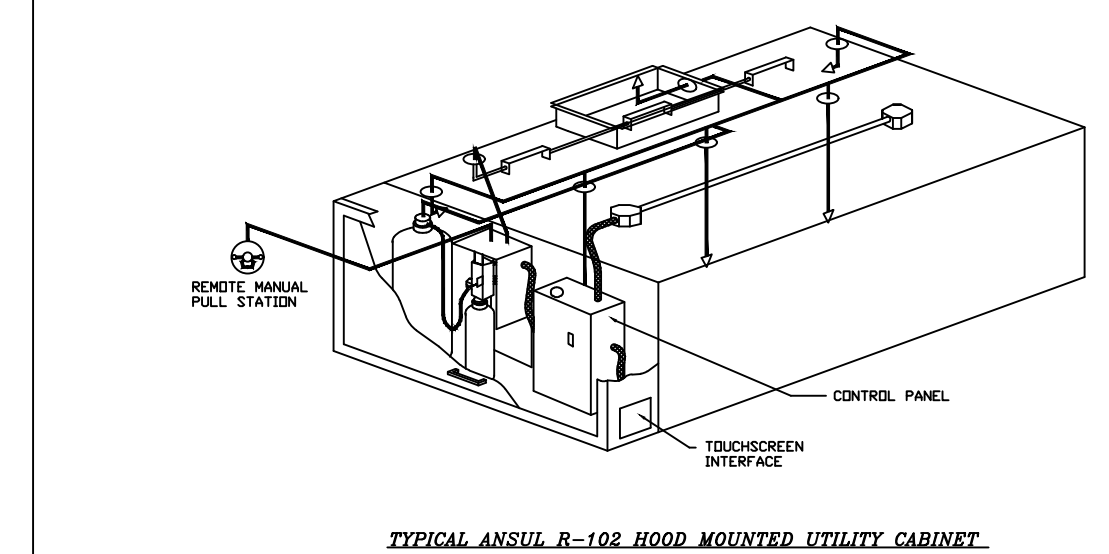
NOTE: DIFFUSERS SHOULD BE INSTALLED A MINIMUM OF 10' AWAY FROM HOOD FOR BEST PERFORMANCE.

NOTE: TEMPERATURE SENSORS MOUNTED IN HOOD CAPTURE AREA TO MEET IMC 507.1.1 REQUIREMENT. TO BE WIRED BY ELECTRICIAN

NOTE: PARTS OF HOOD THAT ARE WITHIN 18" OF COMBUSTIBLE MATERIALS MAY NEED TO BE INSULATED FOR ZERO CLEARANCE. **IT IS THE RESPONSIBILITY OF THE ARCHITECT/OWNER TO ENSURE THAT THE HOOD CLEARANCE FROM LIMITED-COMBUSTIBLE MATERIALS IS IN COMPLIANCE WITH LOCAL CODE REQUIREMENTS**

WET CHEMICAL FIRE PROTECTION SYSTEM TO BE ANSUL R-102, DESIGNED IN COMPLIANCE WITH UL 300 REQUIREMENTS. VERIFICATION OF ALL COOKING EQUIPMENT MAKE, MODEL AND LOCATION REQUIRED FOR ALL FIRE PROTECTION SYSTEMS. ALL FIRE SYSTEM PIPING IS STANDARDLY TO THE RIGHT END OF THE HOOD UNLESS A WALL IS LOCATED ON THE RIGHT END. ANSUL AUTOMAN RELEASE TO BE LOCATED WITHIN 60" OF HOOD.

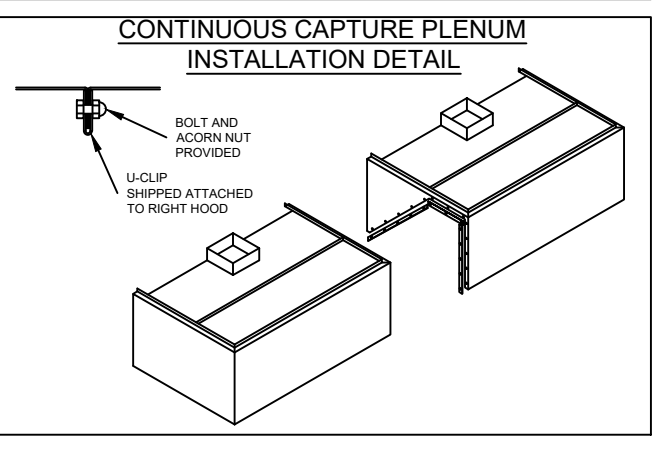
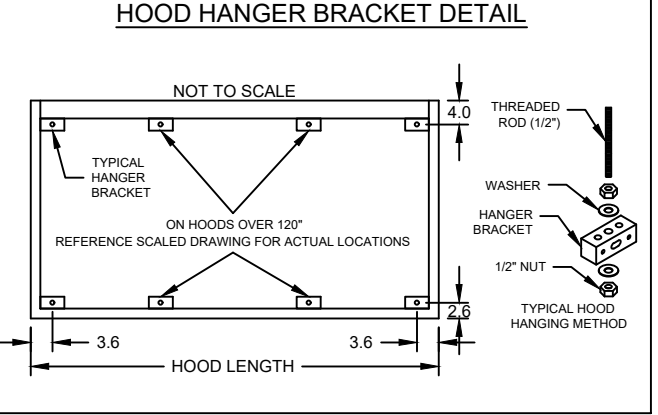
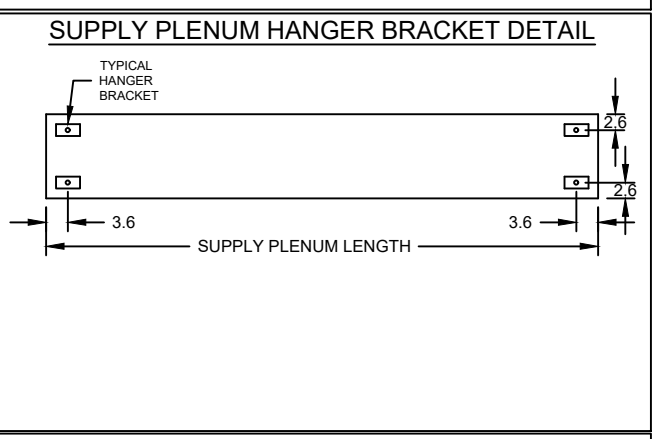
THE BASIC FIRE SYSTEM WILL INCLUDE THE FOLLOWING:
 GAS SHUT-OFF VALVE, IF REQUIRED, TO BE SUPPLIED BY MANUFACTURER (UP TO 2" DIAMETER AS STANDARD), AND INSTALLED BY A LICENSED PLUMBER. MICRO SWITCH TO BE SUPPLIED BY MANUFACTURER FOR CONNECTION TO, BUT NOT LIMITED TO, BUILDING ALARM SYSTEMS, EXHAUST AND SUPPLY FANS AND ELECTRICAL POWER SHUT-DOWN. FIELD WIRING AND CONNECTIONS TO BE PERFORMED BY A LICENSED ELECTRICIAN.



HOOD HANGING HEIGHT FOR FIRE SYSTEMS
 VERIFICATION OF HOOD HANGING HEIGHT ABOVE FINISHED FLOOR (A.F.F.) IS REQUIRED FOR CORRECT PLACEMENT OF FIRE SYSTEM NOZZLES.

RECOMMENDED HANGING HEIGHT = 80" FROM FINISHED FLOOR TO LOWER FRONT EDGE OF HOOD.

OTHER HANGING HEIGHT = " FROM FINISHED FLOOR TO LOWER EDGE OF HOOD.



PROJECT: 9/22/2023
 MARK: ACCUREX
 ACCUREX GA - 2922
 FELIPE ALARCON@ACCUREX.COM
 (404) 521-8063

REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
 WOODSTOCK, GEORGIA 30188

GEORGIA REGISTERED PROFESSIONAL ENGINEER
 No. 034808
 FELIPE ALARCON
 FELIPE ALARCON
 FELIPE ALARCON

PLACE MAKER DESIGN
 280 INTERSTATE NORTH CIRCLE SE
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 ATLANTA, GEORGIA 30339
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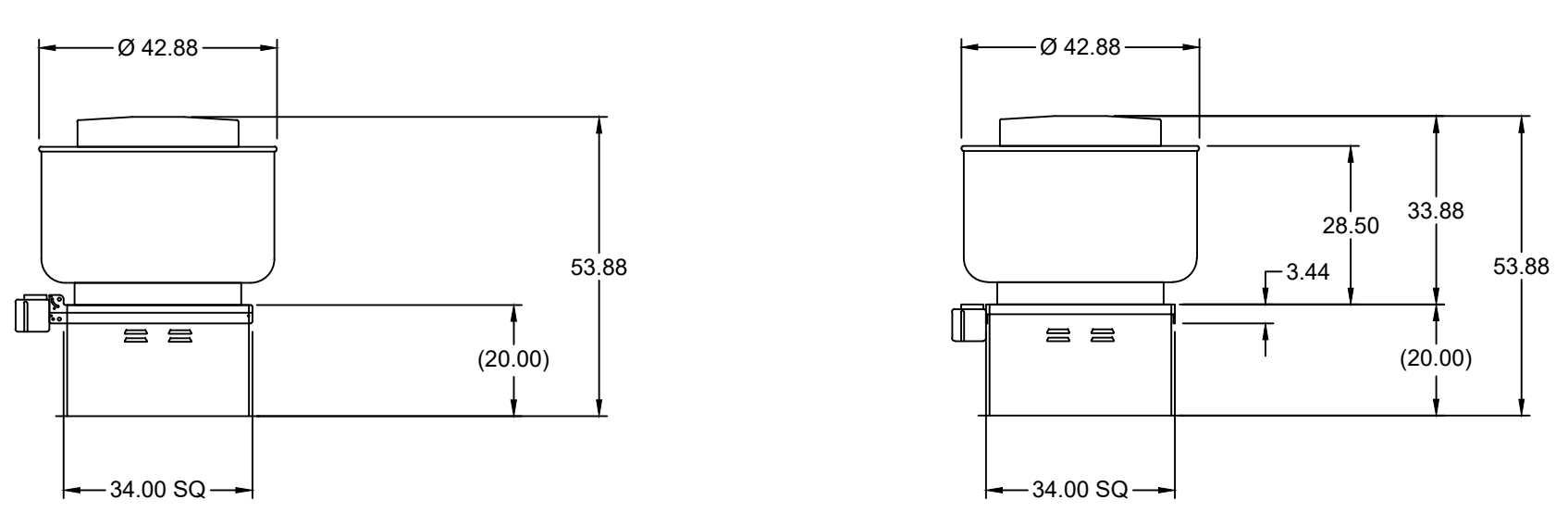
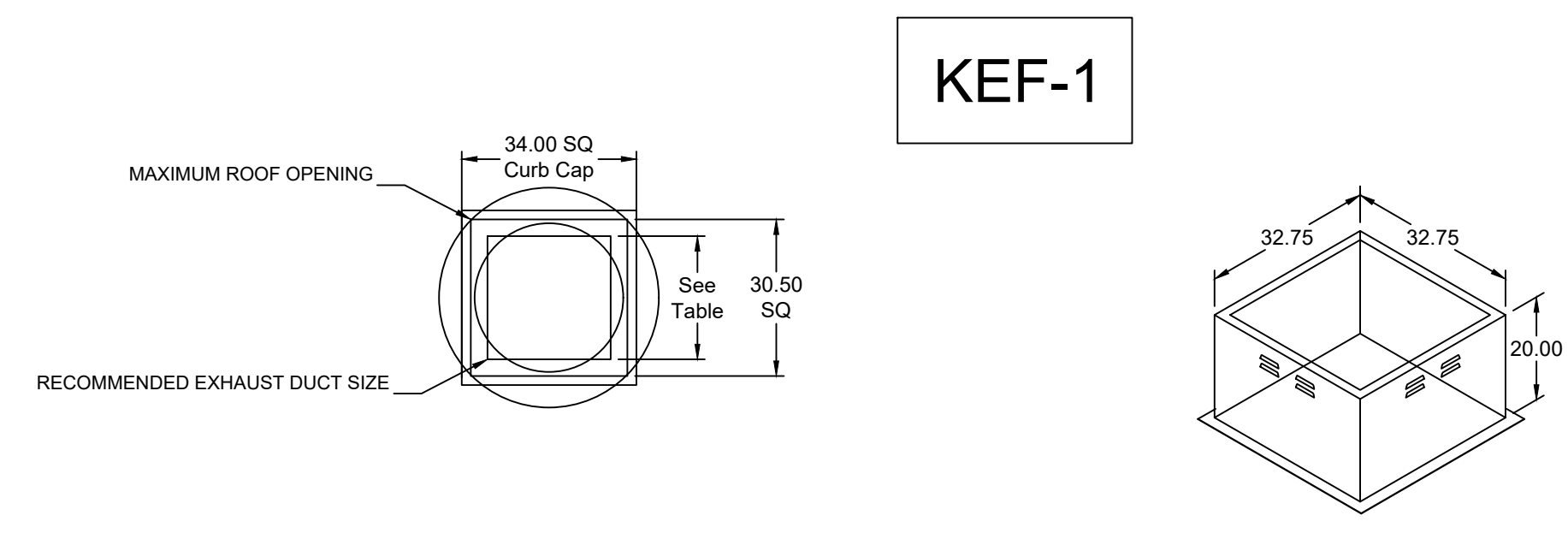
M0.6

Direct Drive Upblast Centrifugal Roof Exhaust Fan

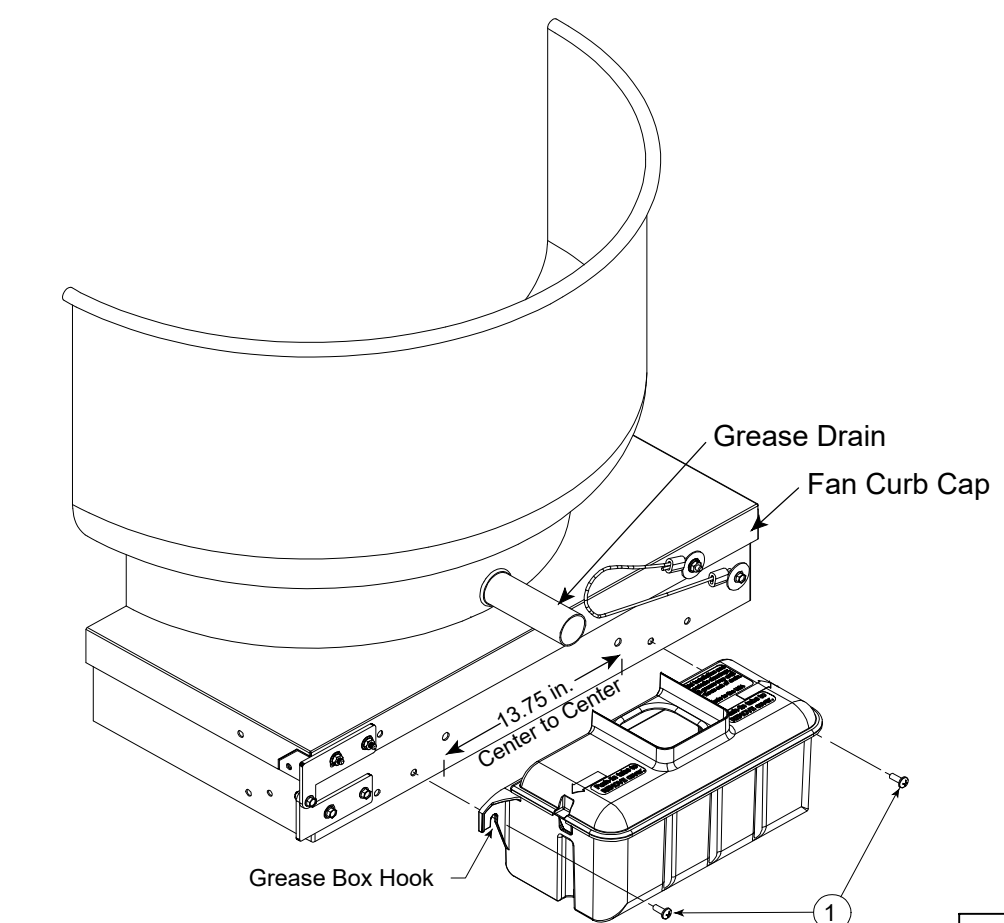
MARK INFORMATION		FAN INFORMATION					MOTOR INFORMATION					
QTY	MARK	MODEL	VOLUME (CFM)	TOTAL EXTERNAL SP (IN WG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LB.)	SIZE (HP)	V/C/P	ENCLOSURE	MOTOR RPM	WINDINGS
1	KEF-1	XCUE-240HP-VG	5,500	1.165	1,074	1.97	212	3	208/60/3	TF	1200	1

KEF-1 : SELECTED OPTIONS AND ACCESSORIES

One piece fully welded windband
 Tapered bushing wheel hub
 Breather tube outlet area min. 4.4 sq. in. (sizes 99-480), 2.0 sq. in. (sizes 60-95)
 Min. windband material thickness: 0.051" aluminum (060-240), 0.064" aluminum (240HP, 240XP), 0.080" aluminum (sizes 300-480)
 Standard Curb Cap Size - 34 Square
 UL/cUL 705 Listed - Supplement SC - "Power Ventilators for Restaurant Exh. Appliances" (Formerly UL 762)
 Switch, NEMA-3R, Toggle.
 Hinge, Factory Installed
 High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)
 Grease Trap (PN 475538)
 Conduit Chase Qty 1

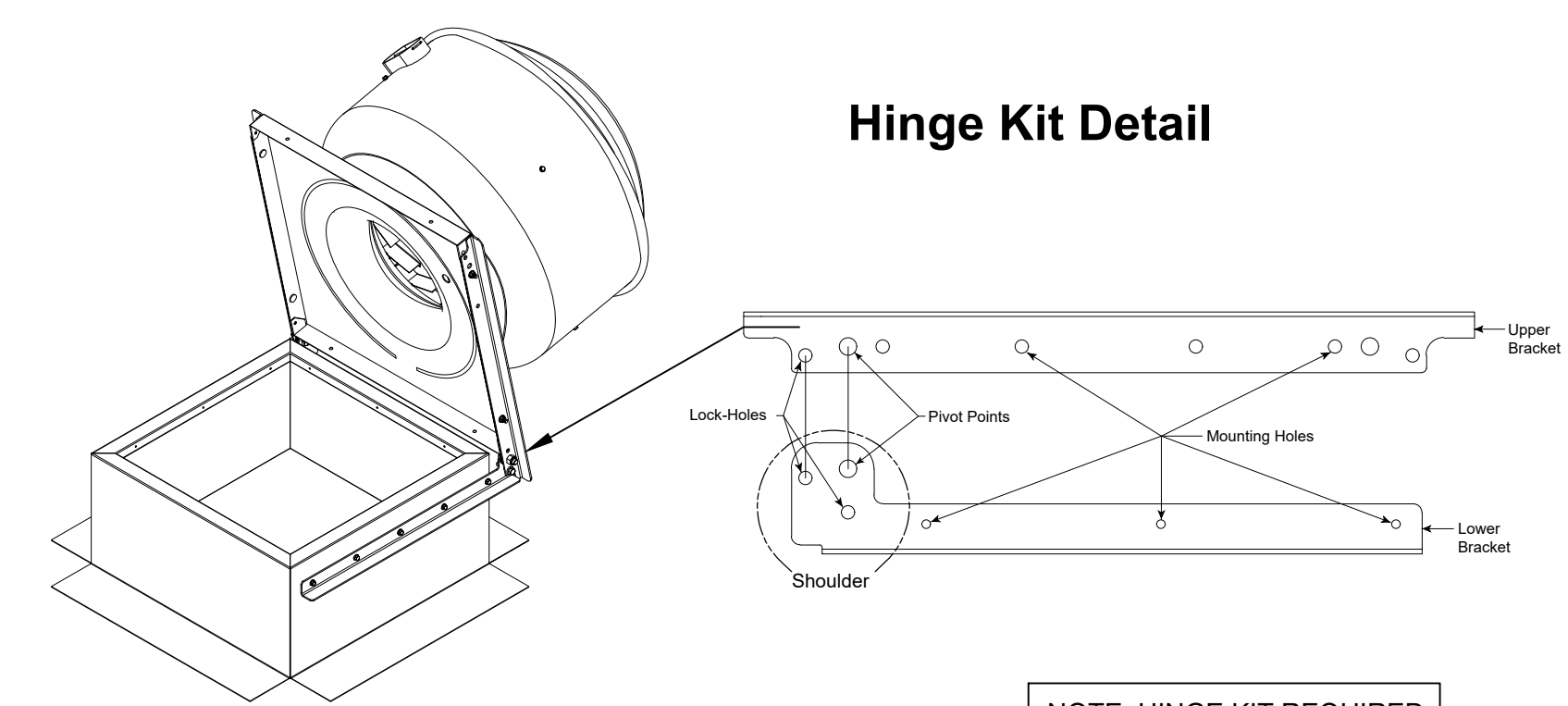


DUCT DIMENSIONS ARE LARGEST POSSIBLE DUCT TO FIT THROUGH CURB.
 CONSULT SYSTEM DESIGN ENGINEER FOR RECOMMENDED DUCT SIZE.
 OVERALL HEIGHT MAY BE GREATER DEPENDING ON MOTOR, ADAPTER, AND/OR HINGE BASE.



Grease Trap Detail

NOTE: GREASE TRAP REQUIRED FOR UL762 FANS PER IMC 506.5.3.



Final assembly view with hinge in hold open position.

NOTE: HINGE KIT REQUIRED FOR MAINTENANCE PER IMC 506.5.4.

ACCUREX
 PROJECT: 8/23/2023
 MARK: KEF-1
 ACCUREX GA - 2922
 FELIPE ALFARIZ@ACCUREX.COM
 (404) 521-6063
 KIN NO TORI RAMEN
 8590 MAIN STREET
 WOODSTOCK, GEORGIA 30188

REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NO TORI

8590 MAIN STREET
 WOODSTOCK, GEORGIA 30188

GEORGIA REGISTERED PROFESSIONAL ENGINEER
 No. 034808
 FENWIFER DUCHING

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PLACE MAKER DESIGN
 280 INTERSTATE NORTH CIRCLE SE
 SUITE 510
 ATLANTA, GEORGIA 30339
 404.549.4499

ISSUE DATE: 08/24/2023
 DRAWN BY: VM
 CHECKED BY: JD
 PWD PROJ #: 23031

SHEET TITLE
KITCHEN HOOD PACKAGE

SHEET # **M0.7**

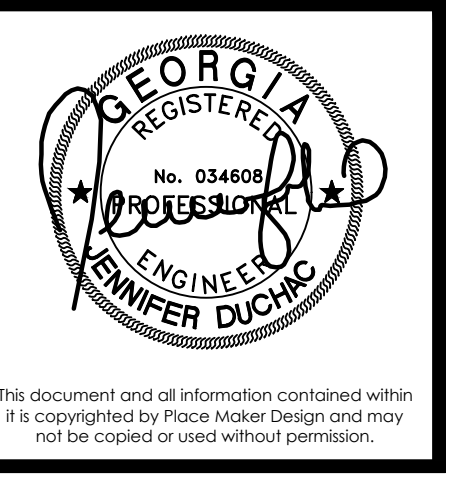


REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188

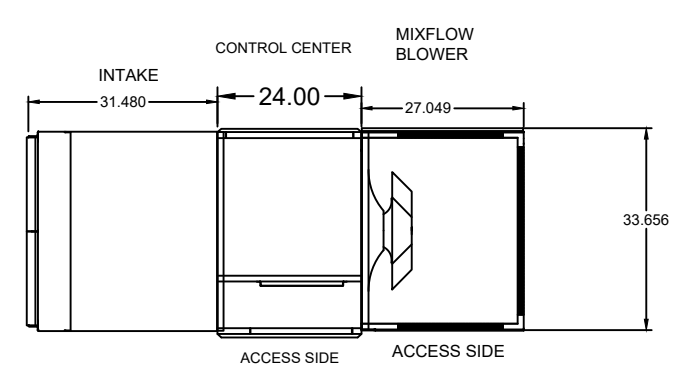


PLACE MAKER DESIGN
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 404.549.4499

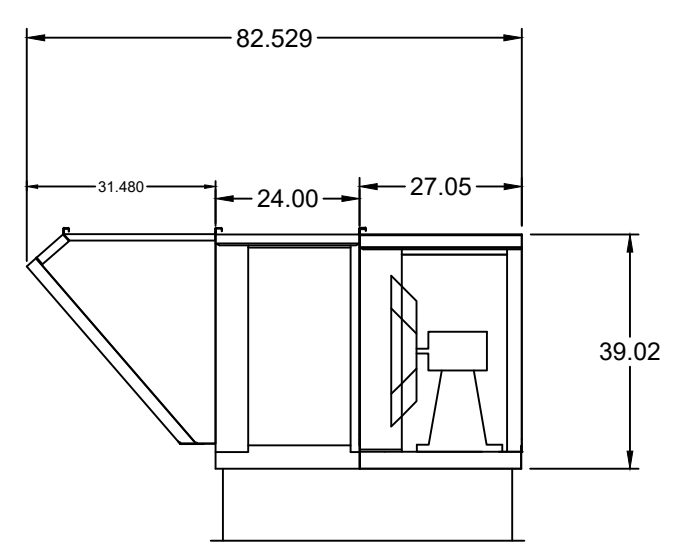
ISSUE DATE: 08/24/2023
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 PWD PROJ #: 23031

SHEET # **M0.8**

EQUIPMENT SCHEDULE										
Non-Tempered Make-Up Air Unit					Mark: KSF-1 (Rear Discharge)					
Qty	Accurex Model	Volume	External SP	Total SP	MCA	MCP	Weight	SCCR		
1	M08K-P116H13-MF	4,950 CFM	0.5 in. wg	1,007 in. wg	9.8	15	589 lb.	5kA		
Motor Information										
Size	VICP	Enclosure	Motor with Shaft Guarding	Motor RPM	Operating Power					
2 hp	208/60/3	ODP	No	1725	1.66 hp					
Outlet Sound Power by Octave Band										
dB(A)	125	250	500	1000	2000	4000	8000	LWA	dBA	Sones
79.8	78.6	74.9	77.7	77.6	74.5	72.8	71.5	82.1	77.1	19.5



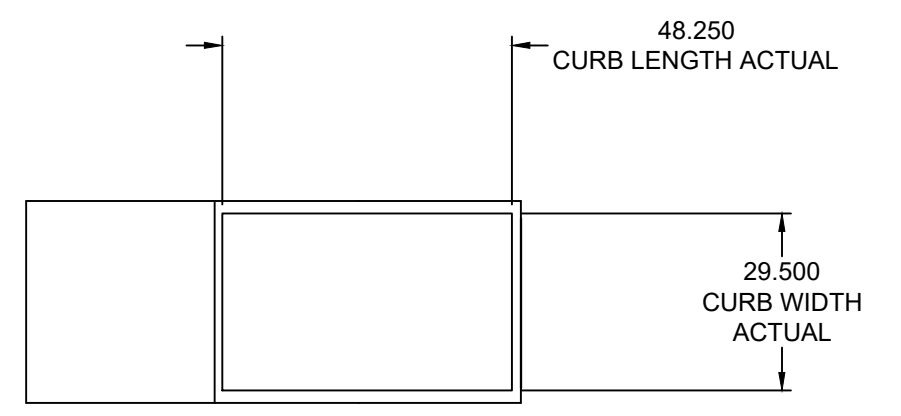
PLAN VIEW



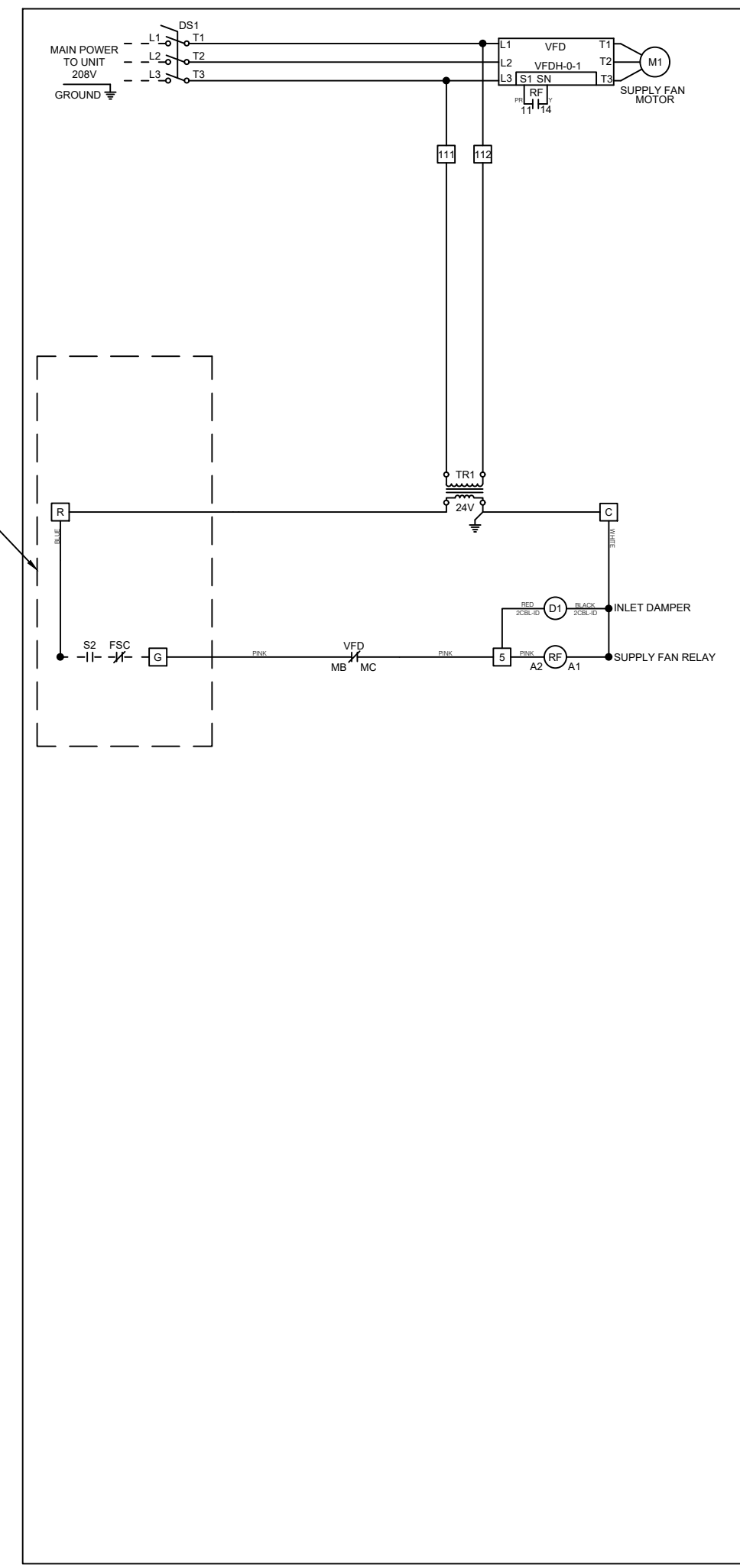
ELEVATION VIEW

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 75 x 30 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.

FOOTPRINT



NOTE: LOW VOLTAGE FAN INTERLOCK BY INSTALLING CONTRACTOR.



ACCUREX

Wiring Diagram Code:
AN00N40AZ010N00NU17

CAUTION
 UNIT SHALL BE GROUNDED IN ACCORDANCE WITH N.E.C. POWER MUST BE OFF WHILE SERVICING.

NOTES
 USE COPPER CONDUCTORS ONLY
 60° C FOR TERMINALS RATED LESS THAN 100 AMPS
 75° C FOR TERMINALS RATED 100 AMPS OR MORE
 FIELD CONTROL WIRING RESISTANCE SHOULD NOT EXCEED 0.75 OHM
 FIELD WIRES - - - - -
 FACTORY SUPPLIED AND WIRED - - - - -

WIRE COLOR CODE
 BK. BLACK, BL. BLUE, BR. BROWN, GR. GRAY, LT. BL. LIGHT BLUE, O. ORANGE, PK. PINK, PR. PURPLE, R. RED, W. WHITE, Y. YELLOW

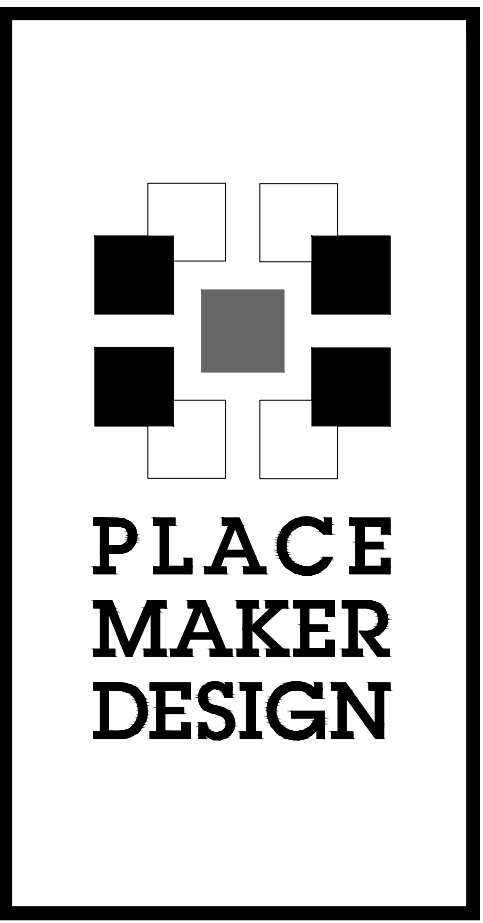
LEGEND
 D1 INLET DAMPER
 DS1 MAIN DISCONNECT SWITCH
 FSC FIRE SYSTEM CONTACT
 FIM FUSE
 M MOTOR
 CLR MOTOR OVERLOAD
 RF SUPPLY FAN RELAY
 RF1 FAN ENABLE RELAY
 S2 FAN SWITCH
 TRF TRANSFORMER
 VFD VARIABLE FREQUENCY DRIVE

Template Drawing: L17 DOC NUMBER: ### REV: ###

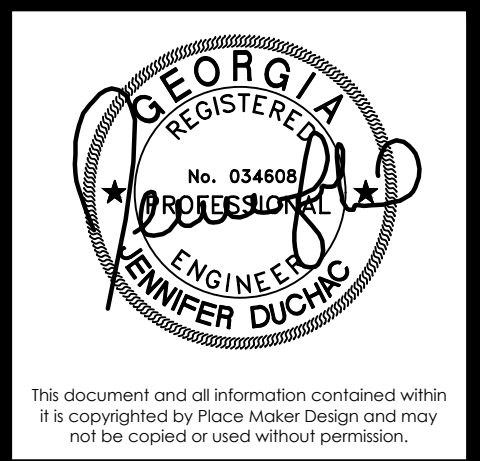
ACCUREX

PROJECT: 8/23/2023
 MARK: KIN NO TORI RAMEN
 KSF-1 (REAR DISCHARGE)

ACCUREX GA - 2922
 FELIPE ALARAZ@ACCUREX.COM
 (404) 521-6063



REV #	DATE	DESCRIPTION



PLACE MAKER DESIGN
 280 INTERSTATE NORTH CIRCLE SE
 SUITE 510
 ATLANTA, GEORGIA 30339
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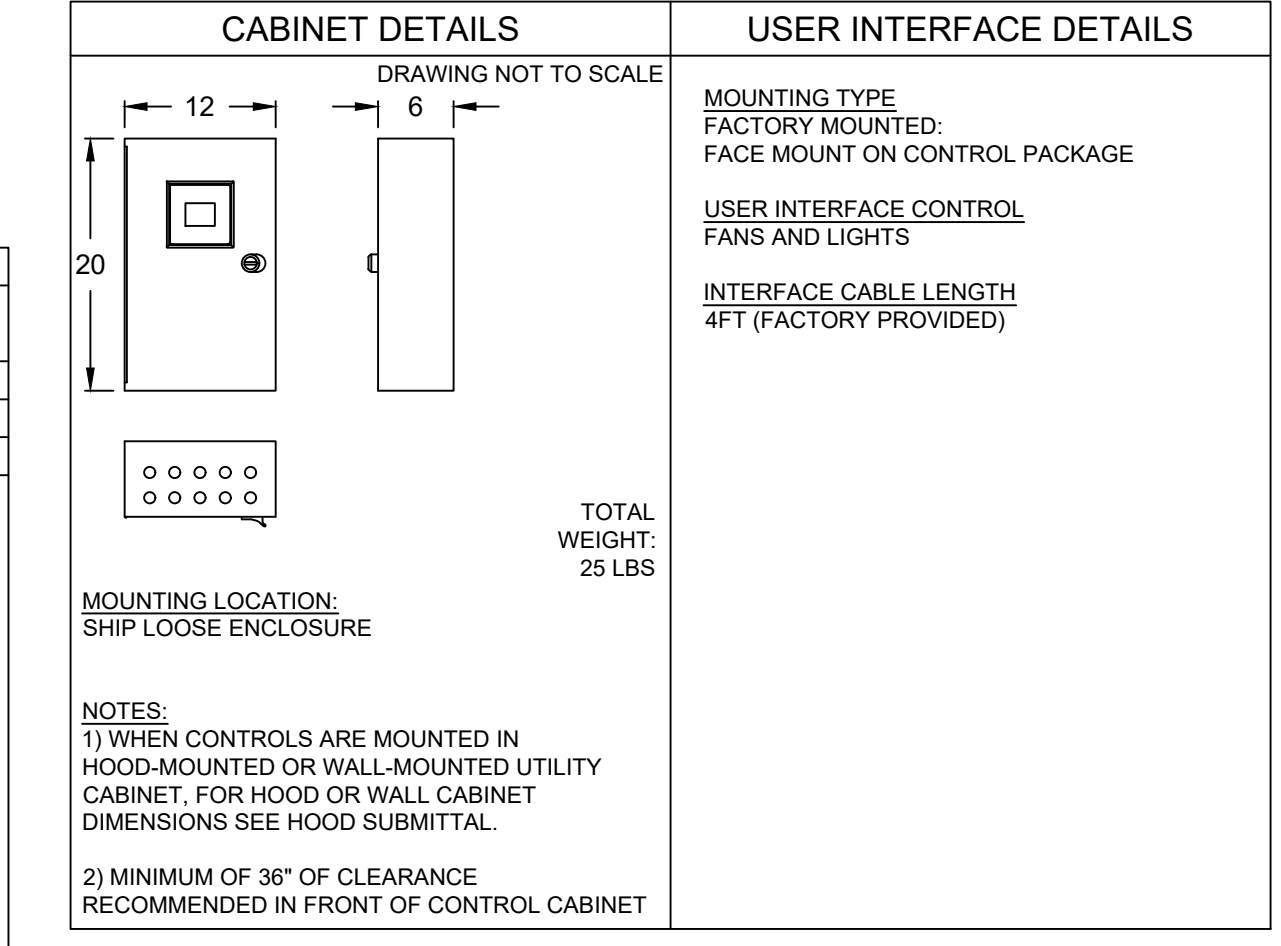
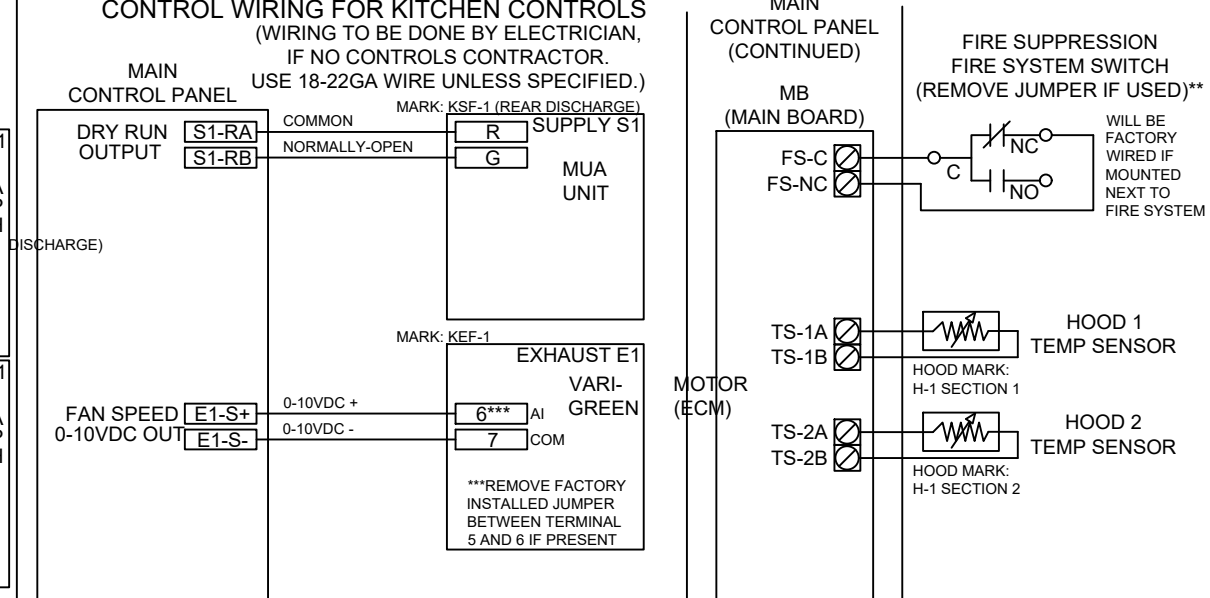
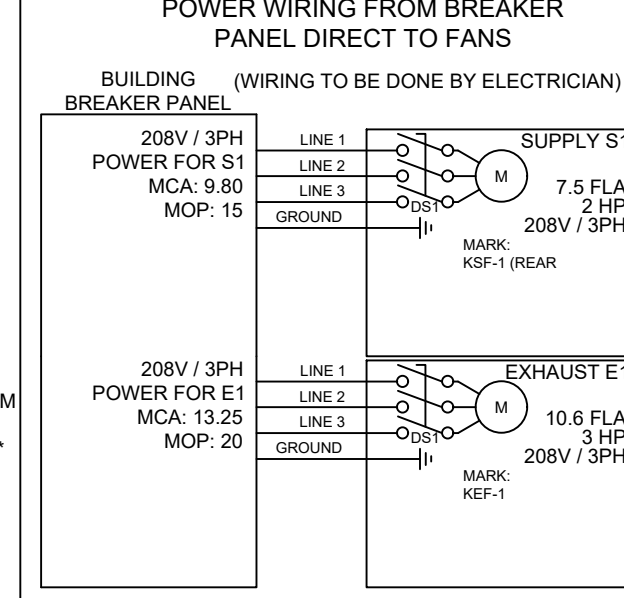
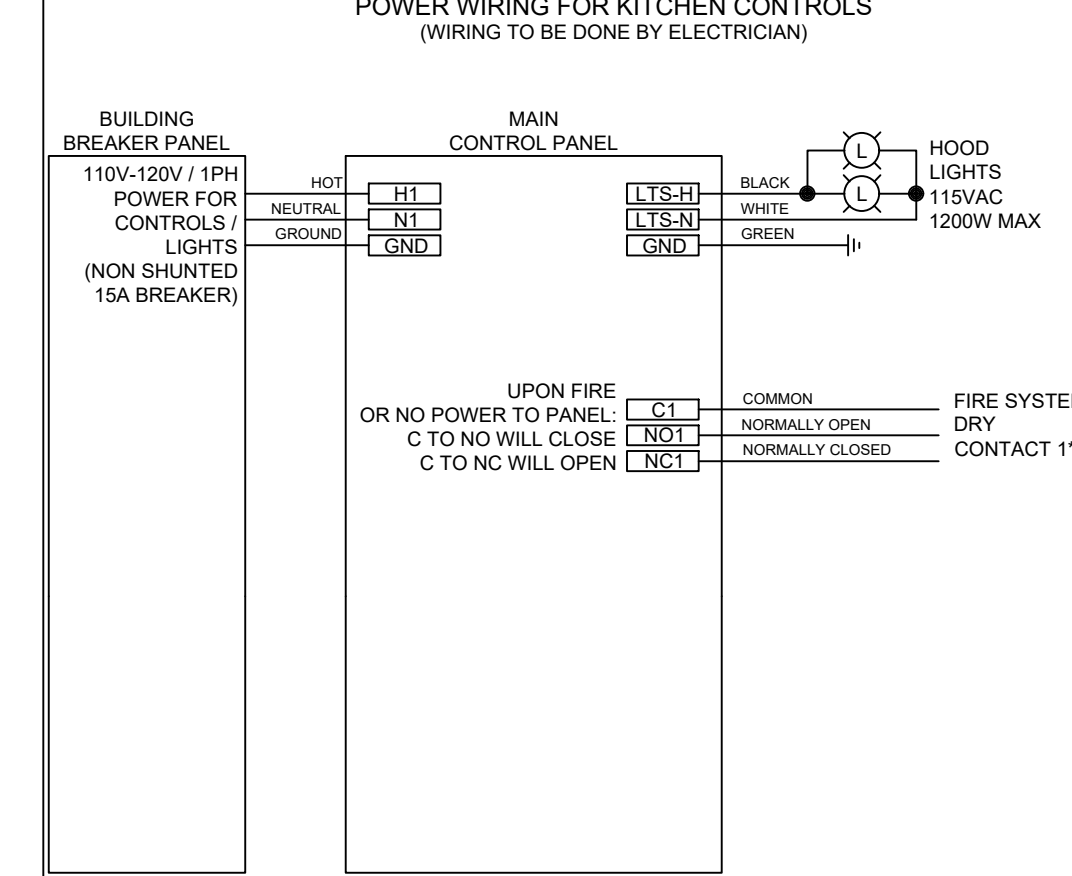
SHEET #
M0.9

MARK	ELECTRICAL CONTROL PACKAGE		USER INTERFACE		FANS CONTROLLED											
	MODEL	LOCATION	TYPE	LOCATION	FAN #	TYPE	FAN	FAN MARK	ZONE	CFM	MOTOR HP	MOTOR VOLT	CYCLE	MOTOR PHASE	MOTOR STARTER IN PANEL	VFD IN PANEL
CONTROLLER-1	XKC-CV-S-11-2-1-0	SHIP LOOSE ENCLOSURE	FULL COLOR TOUCHSCREEN	FACE MOUNT ON CONTROL PACKAGE	1	SUPPLY	S1	KSF-1 (REAR DISCHARGE)	1	4950	2	208	60	3	NO	NO
					2	EXHAUST	E1	KEF-1	1	5500	3	208	60	3	NO	NO

CONTROL FEATURES
 HOOD LIGHT CONTROL
 TEMP SENSORS (FACTORY INSTALLED) - QTY. 2
 DRY FIRE CONTACTS - QTY. 1
 LIGHTS OFF DURING FIRE
 EXHAUST MAX DURING FIRE
 SUPPLY OFF DURING FIRE



DOC NUMBER: ###
 REV: ###
CAUTION
 UNIT MUST BE GROUNDED IN ACCORDANCE WITH N.E.C. POWER MUST BE OFF WHILE SERVICING.
ATTENTION
 L'APPAREIL DOIT ÊTRE MIS À LA TERRE CONFORMÉMENT AU CODE C.E. L'ALIMENTATION DOIT ÊTRE COUPÉE AVANT L'ENTRÉTEN.
 THESE DRAWINGS SHALL NOT BE REMOVED FROM THIS EQUIPMENT. USE COPPER CONDUCTORS RATED TO VOLTAGES SPECIFIED. TORQUE CONTROL A GROUND BLOCS TO 1 LB. IN TORQUE POWER LOCKS TO COMPONENT RATINGS (SEE) TORQUE CONTROL BLOCS SONT À 1 LB. EN TORQUE. LES VERROUS SONT À LA CAPACITÉ DES COMPOSANTS. SERRER LES BORNES À VIB DE LA CARTE DE COMMANDE À 0.5 LB. EN LA RÉISTANCE DU CÂBLAGE. LE MANUEL OU APPELER 1-800-371-6668
 WIRING DIAGRAM CODE: ###
 JOB NAME: KIN NO TORI RAMEN
 MODEL: XKC-CV-S-11-2-1-0
 SERIAL NUMBER: WDSN#
 MARK: CONTROLLER-1



WIRING DIAGRAM CODE: ###
 JOB NAME: KIN NO TORI RAMEN
 MODEL: XKC-CV-S-11-2-1-0
 SERIAL NUMBER: WDSN#
 MARK: CONTROLLER-1
 DOC NUMBER: ###
 REV: ###

ZONE CONFIGURATION

ZONE #	ZONE	ROOM TEMP
1	Z1	PRESET

HOOD CONFIGURATION

HOOD #	HOOD	HOOD MARK	ZONE	EXHAUST	SUPPLY	MB-TEMP SENSORS	HCB
1	H1	H1 SECTION 1	Z1	E1	S1	TS1	NO
2	H2	H1 SECTION 2	Z1	E1	S1	TS2	NO

FAN CONFIGURATION

FAN #	TYPE	FAN	FAN MARK	ZONE	MIN CFM	MAX CFM	MODBUS VFD	VFD ADDRESS	MIN FREQ	MAX FREQ	MIN VDC	MAX VDC
1	SUPPLY	S1	KSF-1 (REAR DISCHARGE)	Z1	-	4950	NO	-	-	-	-	10.0
2	EXHAUST	E1	KEF-1	Z1	-	5500	NO	-	-	-	-	10.0

NOTE: LOW VOLTAGE FAN INTERLOCK BY INSTALLING CONTRACTOR.

NOTE: ALL HEAT SENSORS FIELD WIRING (24V) BY ELECTRICIAN. ALL BUILDING ALARM INTERLOCK WIRING BY OTHERS.

NOTE: ALL LOAD POWER WIRING TO FAN MUST BE IN SEPARATE CONDUIT

***FIRE SYSTEM DRY CONTACT WIRING EXAMPLES**

SHUNT TRIP (BY OTHERS) WIRING EXAMPLE:
 COMMON
 NORMALLY OPEN
 SHUNT TRIP BREAKER COIL

APPLIANCE CONTACTORS (BY OTHERS) WIRING EXAMPLE:
 COMMON
 NORMALLY CLOSED
 APPLIANCE CONTACTOR COIL

PROJECT 9/23/2023
 KIN NO TORI RAMEN
 CONTROLLER-1
 ACCUREX GA - 2922
 FELIPE ALFARIZ@ACCUREX.COM
 (404)521-6063
ACCUREX

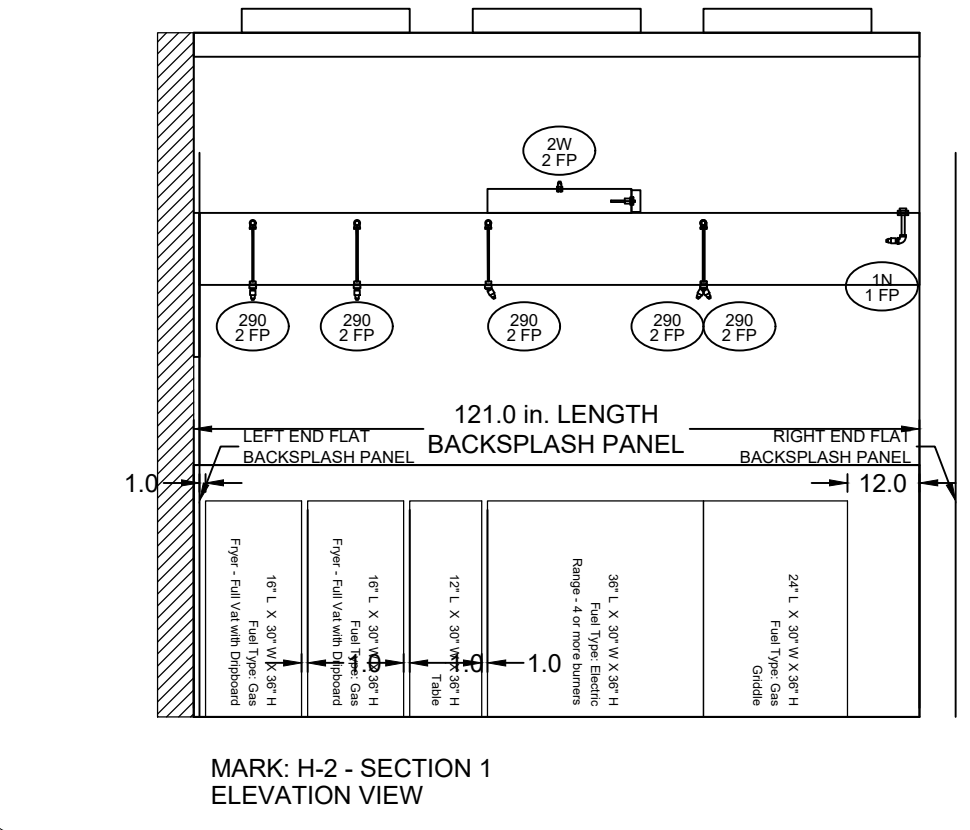
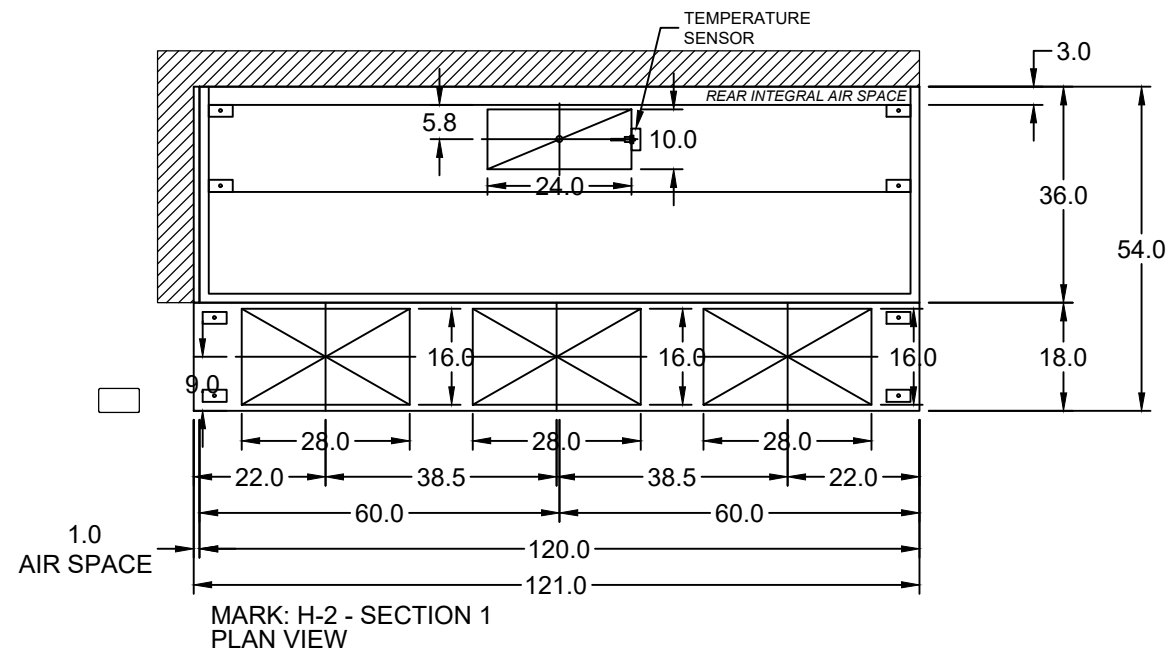


HOOD INFORMATION																	
HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.)			HOOD CONSTR.	COOKING LOAD / DUTY RATING	EXHAUST					SUPPLY		TOTAL WEIGHT LBS.	SECTION LOCATION	
			LENGTH	WIDTH	HEIGHT			TOTAL CFM	COLLAR(S) WIDTH	COLLAR(S) LENGTH	COLLAR(S) DIA.	CFM	S.P.	MUA CFM			AC CFM
1	H-2	XBEP-120-S	120			430 SS	MEDIUM	2500	10	24		2500	0.527	2250		256	SINGLE

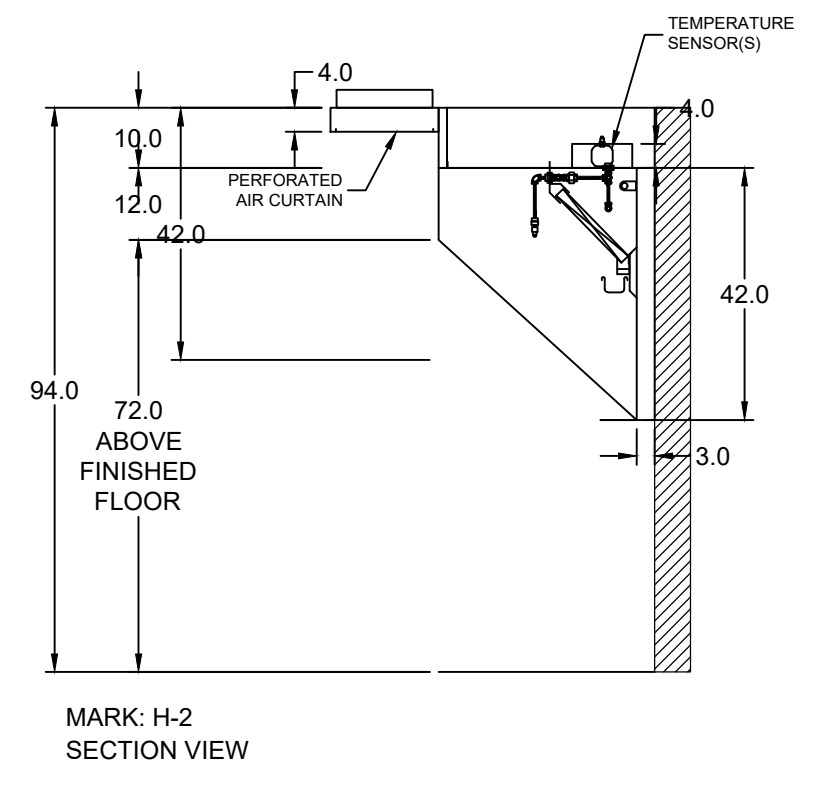
HOOD INFORMATION																	
HOOD NO.	MARK	LIGHTING DETAILS			FOOT CANDLES	GREASE FILTRATION DETAILS			UTILITY CABINET(S)								
		FIXTURE TYPE	BULB / LAMP INFO	QTY		TYPE / MODEL	MATERIAL	QTY	SIZE (IN.) L	SIZE (IN.) H	LOCATION	FIRE SYSTEM TYPE	SIZE	MODEL	CONTROLS INTERFACE		
1	H-2					BAFFLE	STAINLESS STEEL	6	16	20							

SUPPLY PLENUM INFORMATION																			
HOOD NO.	MARK	POS.	TYPE	SIZE (IN.)			INSULATED	DAMPER(S)	LED LIGHT(S) SUPPLIED	QTY	TOTAL CFM	TOTAL S.P.	COLLARS						
				L	W	H							TYPE	MOUNTING	QTY	W	L	DIA.	CFM
1	H-2	FRONT	ASP	121	18	4	NO	YES	NO		2250	0.01	MUA	FACTORY	3	16	28	750	241

HOOD OPTIONS
 UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625
 BACK INTEGRAL AIR SPACE - 3 IN WIDE
 LEFT NON-INTEGRAL AIR SPACE - 1 IN THICK - ZERO CLEARANCE
 30 IN HIGH CEILING ENCLOSURES - FRONT RIGHT - FIELD INSTALLED
 FACTORY MOUNTED EXHAUST COLLAR(S)
 BACKSPLASH 42.00 IN HIGH 121.00 IN LONG
 LEFT SIDESPLASH 94.00 IN HIGH 72.00 IN LONG
 RIGHT SIDESPLASH 94.00 IN HIGH 18.00 IN LONG
 PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
 STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH



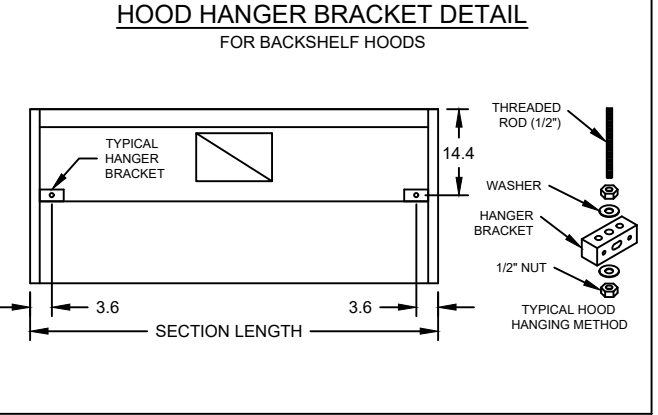
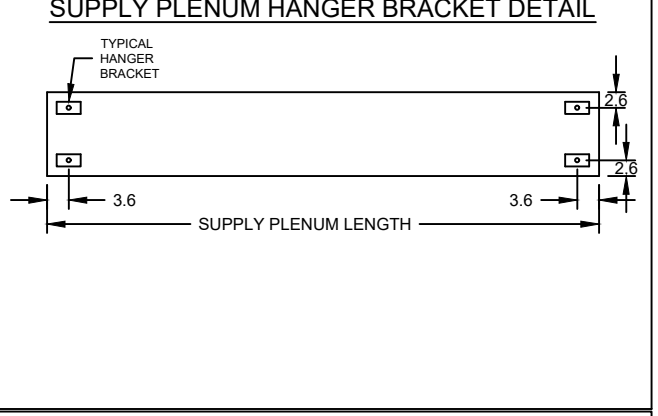
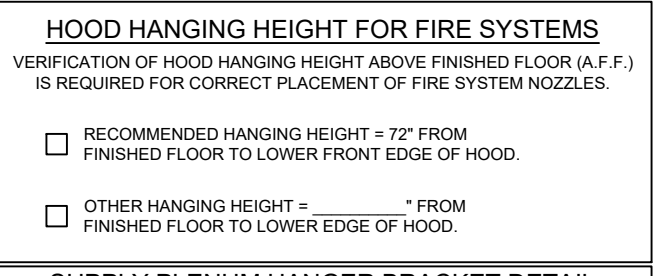
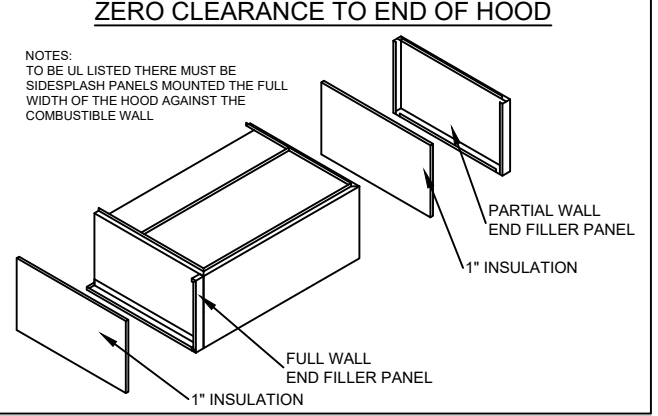
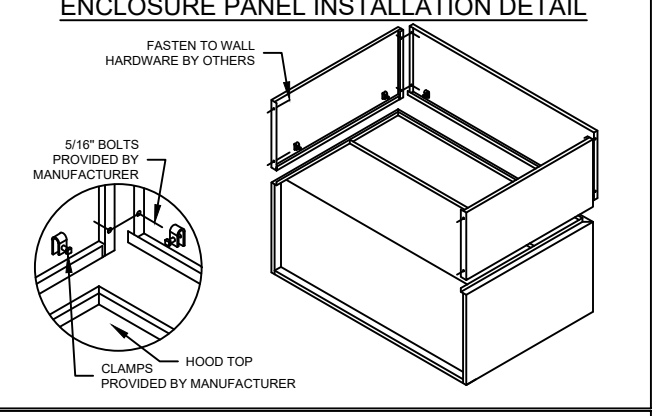
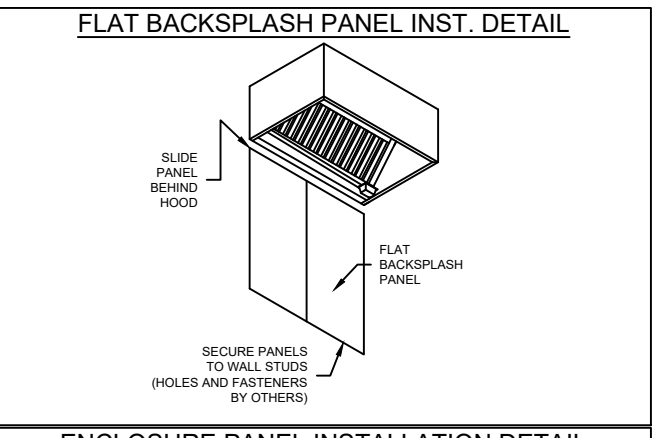
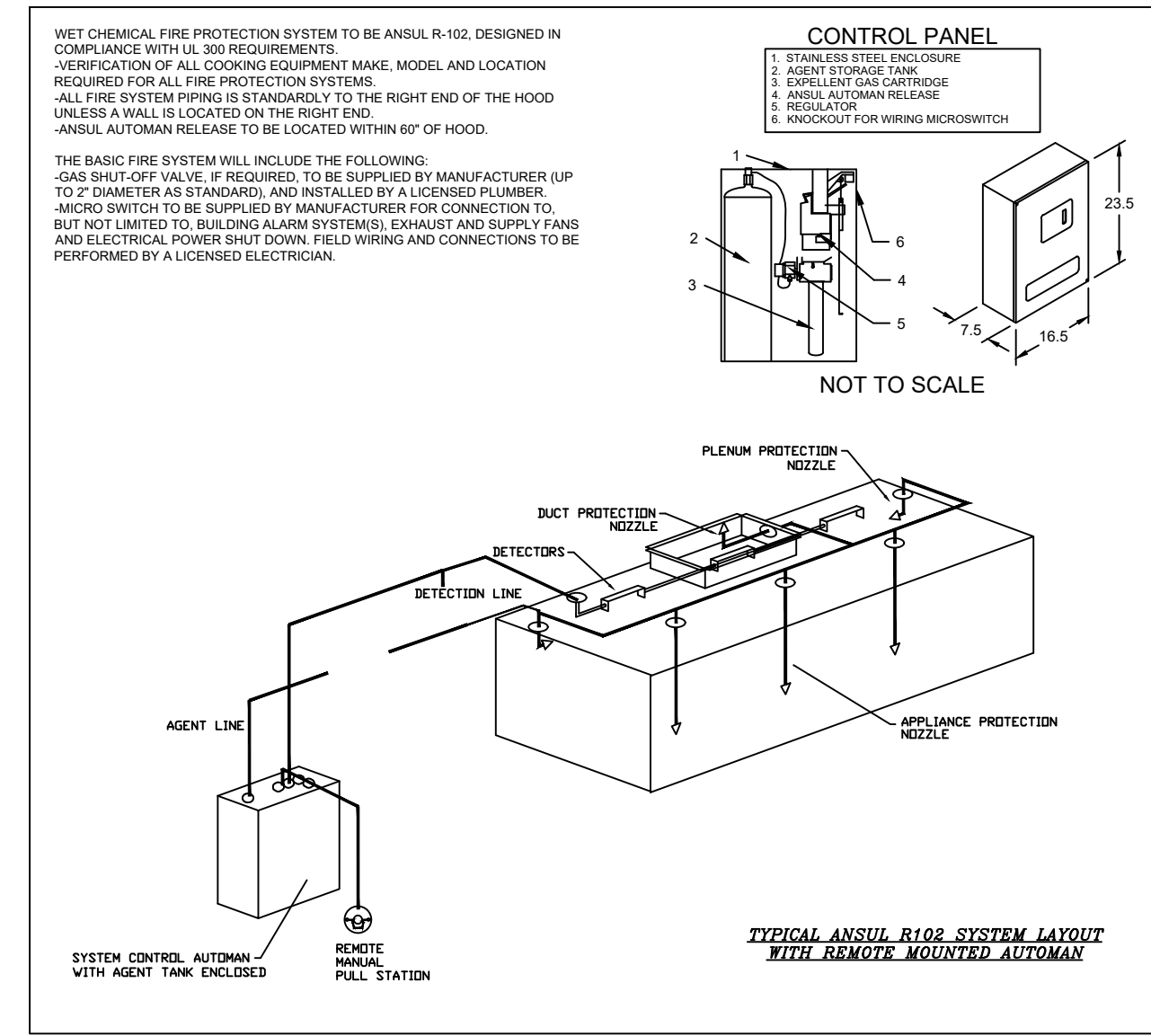
NOTE: Field cut ceiling enclosures and install supply plenum as high as possible.



NOTE: DIFFUSERS SHOULD BE INSTALLED A MINIMUM OF 10' AWAY FROM HOOD FOR BEST PERFORMANCE.

NOTE: TEMPERATURE SENSORS MOUNTED IN HOOD CAPTURE AREA TO MEET IMC 507.1.1 REQUIREMENT. TO BE WIRED BY ELECTRICIAN

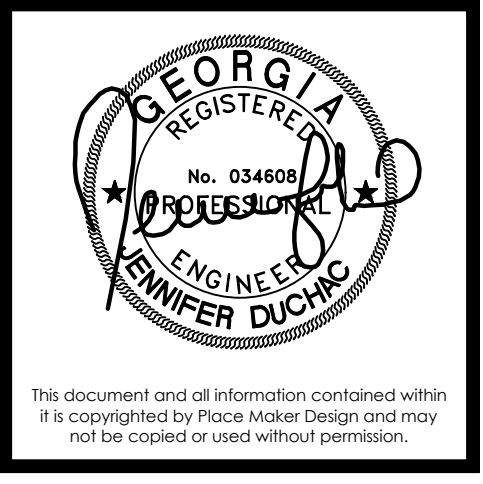
NOTE: PARTS OF HOOD THAT ARE WITHIN 18" OF COMBUSTIBLE MATERIALS MAY NEED TO BE INSULATED FOR ZERO CLEARANCE. **IT IS THE RESPONSIBILITY OF THE ARCHITECT/OWNER TO ENSURE THAT THE HOOD CLEARANCE FROM LIMITED-COMBUSTIBLE MATERIALS IS IN COMPLIANCE WITH LOCAL CODE REQUIREMENTS**



ACCUREX
 PROJECT: 6/23/2023
 MARK: H-2
 PROJECT: KIN NOTORI RAVEN
 ACCUREX GA - 2922
 FELIPE ALARCON@ACCUREX.COM
 (404) 521-6063
 PROJECT: 6/23/2023
 MARK: H-2

REV #	DATE	DESCRIPTION

ACCUREX
 INTERIOR AND EXTERIOR RENOVATION PLANS FOR
KIN NOTORI
 8590 MAIN STREET
 WOODSTOCK, GEORGIA 30188



PLACE MAKER DESIGN
 280 INTERSTATE NORTH CIRCLE SE
 SUITE 510
 ATLANTA, GEORGIA 30339
 404.549.4499

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SHEET TITLE

KITCHEN HOOD PACKAGE

M0.10

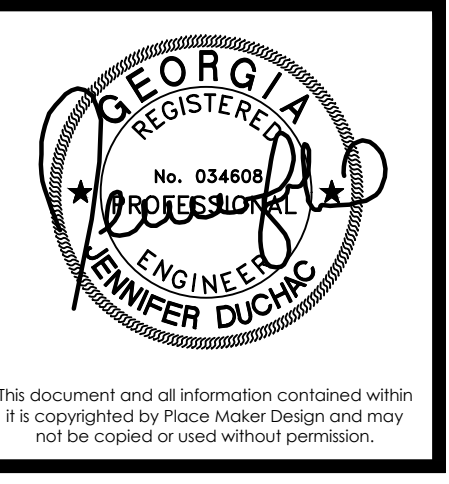


REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR
RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188



PLACE MAKER DESIGN
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SHEET #

M0.11

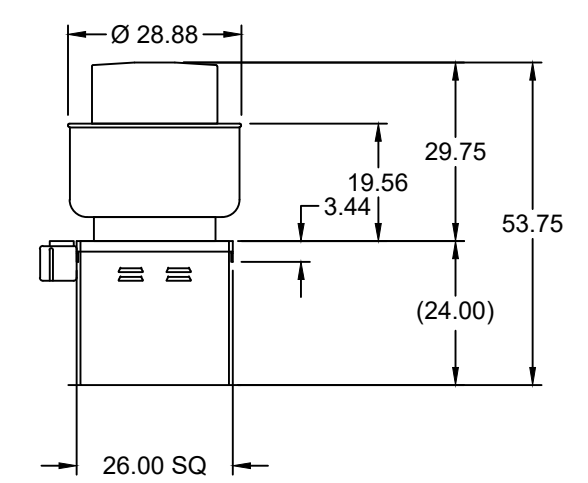
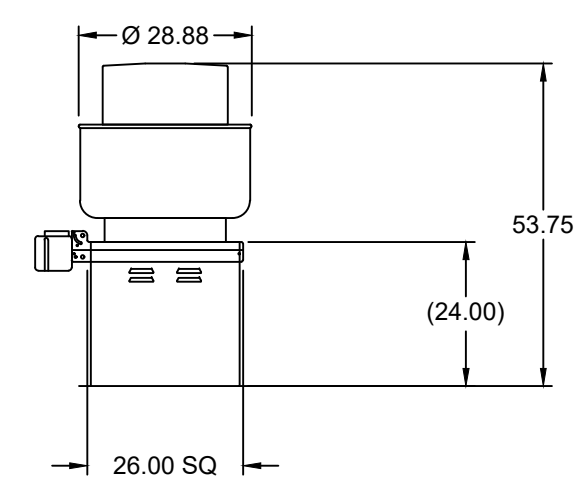
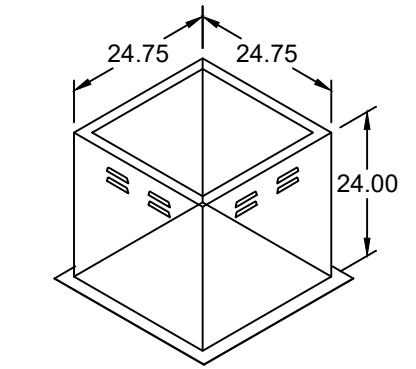
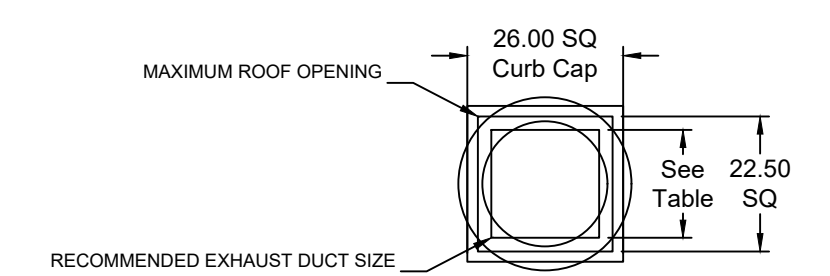
MARK INFORMATION		FAN INFORMATION						MOTOR INFORMATION					
QTY	MARK	MODEL	VOLUME (CFM)	TOTAL EXTERNAL SP (IN WG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LB.)	SIZE (HP)	V/C/P	ENCLOSURE	MOTOR RPM	WINDINGS	NEC FLA*
1	KEF-2	XCUE-160-VG	2,500	1.973	1,586	1.38	122	2	208/60/1	TF	1725	1	13.2

*NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory"

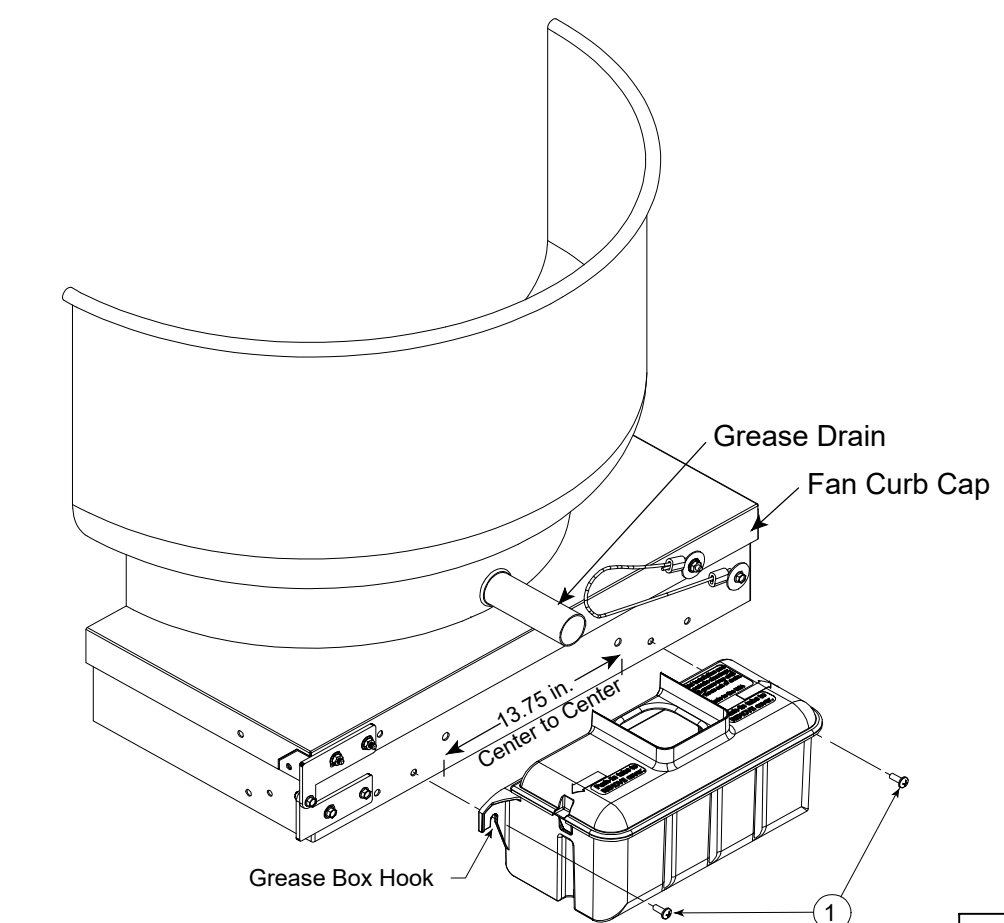
KEF-2 : SELECTED OPTIONS AND ACCESSORIES

One piece fully welded windband
Tapered bushing wheel hub
Breather tube outlet area min. 4.4 sq. in. (sizes 99-480), 2.0 sq. in. (sizes 60-95)
Min. windband material thickness: 0.051" aluminum (060-240), 0.064" aluminum (240HP, 240XP), 0.080" aluminum (sizes 300-480)
Larger Curb Cap Size - 26 Square
UL/cUL 705 Listed - Supplement SC - "Power Ventilators for Restaurant Exh. Appliances" (Formerly UL 762)
Switch, NEMA-3R, Toggle.
Hinge, Factory Installed
High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)
Grease Trap (PN 475538)
Conduit Chase Qty 1

KEF-2

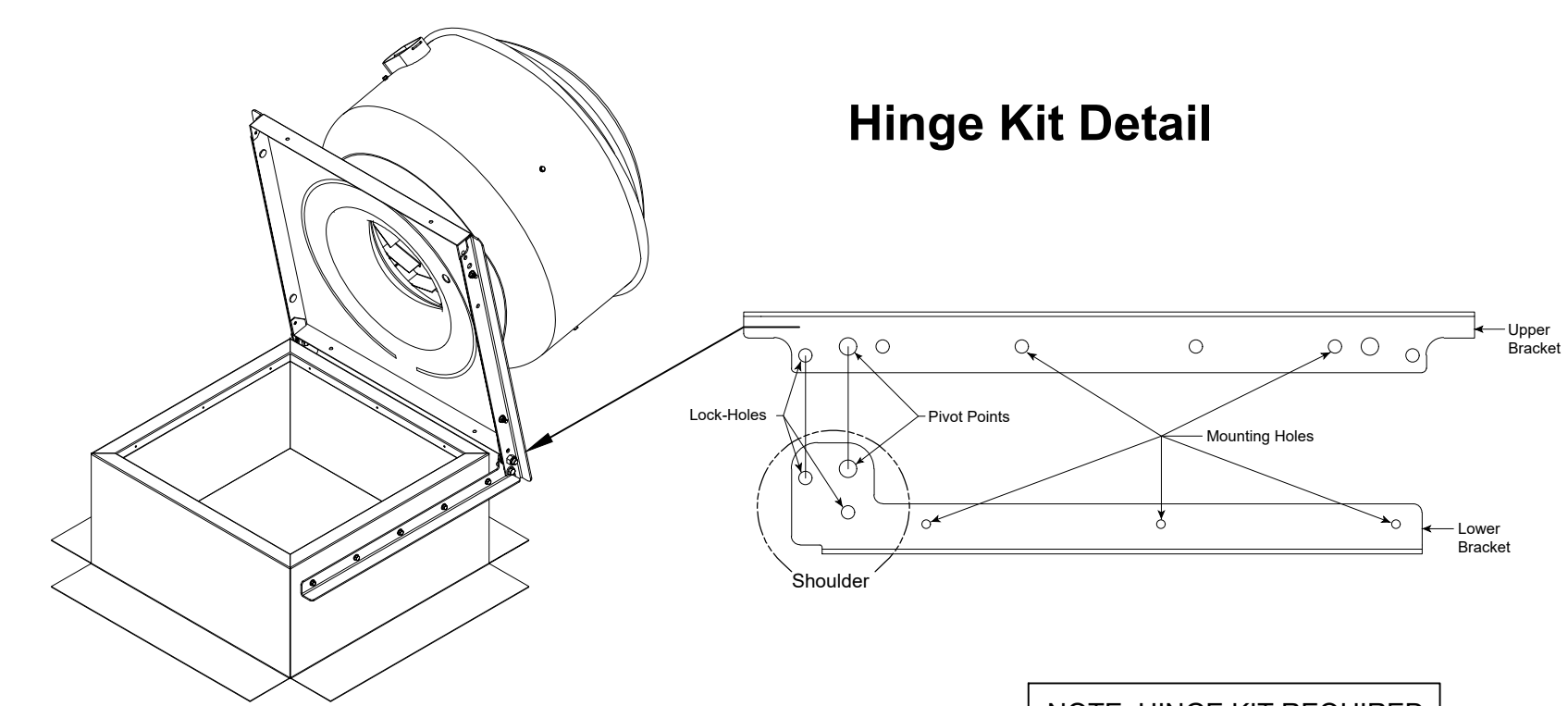


DUCT DIMENSIONS ARE LARGEST POSSIBLE DUCT TO FIT THROUGH CURB.
CONSULT SYSTEM DESIGN ENGINEER FOR RECOMMENDED DUCT SIZE.
OVERALL HEIGHT MAY BE GREATER DEPENDING ON MOTOR, ADAPTER, AND/OR HINGE BASE.



Grease Trap Detail

NOTE: GREASE TRAP REQUIRED FOR UL762 FANS PER IMC 506.5.3.



Hinge Kit Detail

Final assembly view with hinge in hold open position.

NOTE: HINGE KIT REQUIRED FOR MAINTENANCE PER IMC 506.5.4.

PROJECT: 8/23/2023

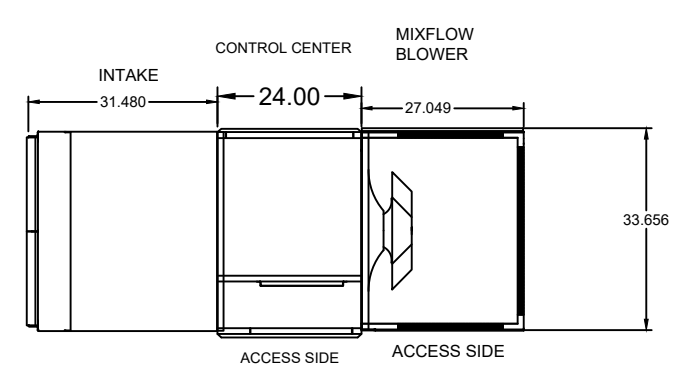
MARK: KEF-2

ACCUREX

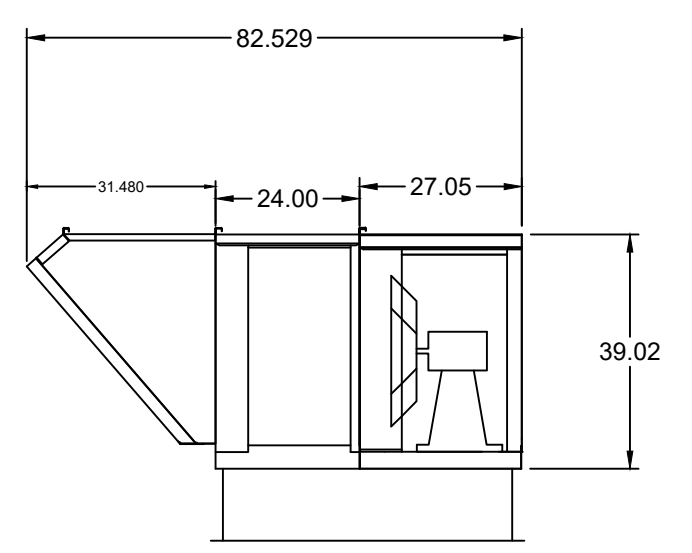
ACCUREX GA - 2922
FELIPE ALFARIZ@ACCUREX.COM
(404) 521-6063



EQUIPMENT SCHEDULE										OPTIONS AND ACCESSORIES	
Non-Tempered Make-Up Air Unit										Mark: KSF-2 (Rear Discharge)	
Qty	Accurex Model	Volume	External SP	Total SP	MCA	MCP	Weight	SCCR			All Filter Arrangement Outside Air Only Weatherhood: Aluminum Mark. 16/20/22 - (4) Discharge: Rear Outdoor Air Intake Position: End Discharge Position: End Coating: Galvalume Insulation: Double Wall - Entire Unit Supply Fan Control: VFD VFD Control: Constant Volume Access Side: Right-hand Unit Weight: 531 lb. Control Center Unit Control: Terminal Strip Temperature Control: None Terminal Strip Unit Warranty: 18 Months (1st)
1	MMSK-P1124H13-MF	2,250 CFM	0.5 in. wg	1,805 in. wg	8.2	15	531 lb.	50A			
Motor Information											
Size	VICP	Enclosure	Motor with Shaft Guarding	Motor RPM	Operating Power						
1 hp	208/60/3	ODP	No	1725	0.48 hp						
Outlet Sound Power by Octave Band											
82.5	125	200	315	500	630	800	LwA	dBA	Notes		
69.8	67.8	71.4	69.2	75.4	75.7	71.4	66.9	80.1	69.1	15.5	



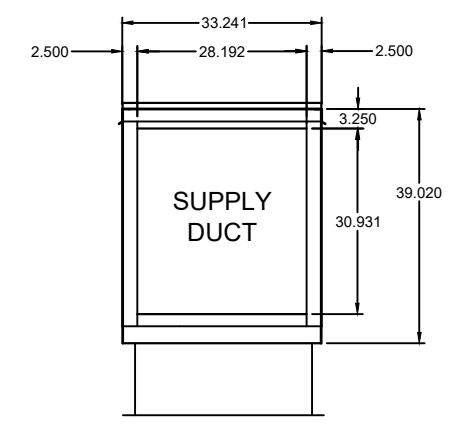
PLAN VIEW



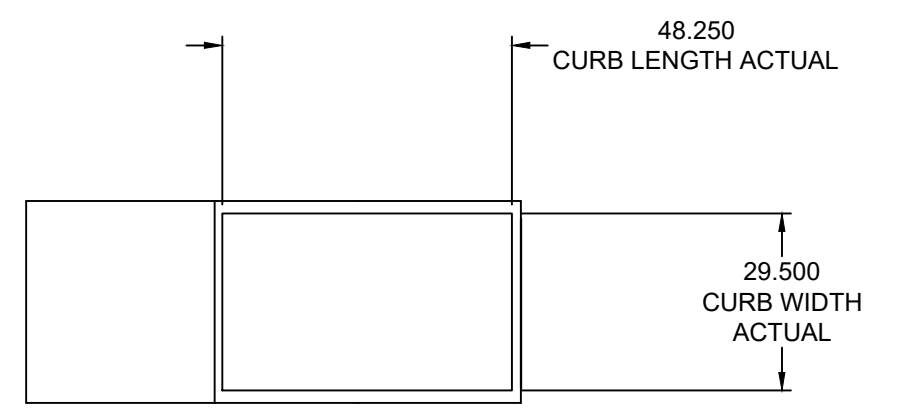
ELEVATION VIEW

KSF-2

NOTE: LOW VOLTAGE FAN INTERLOCK BY INSTALLING CONTRACTOR.



END VIEW



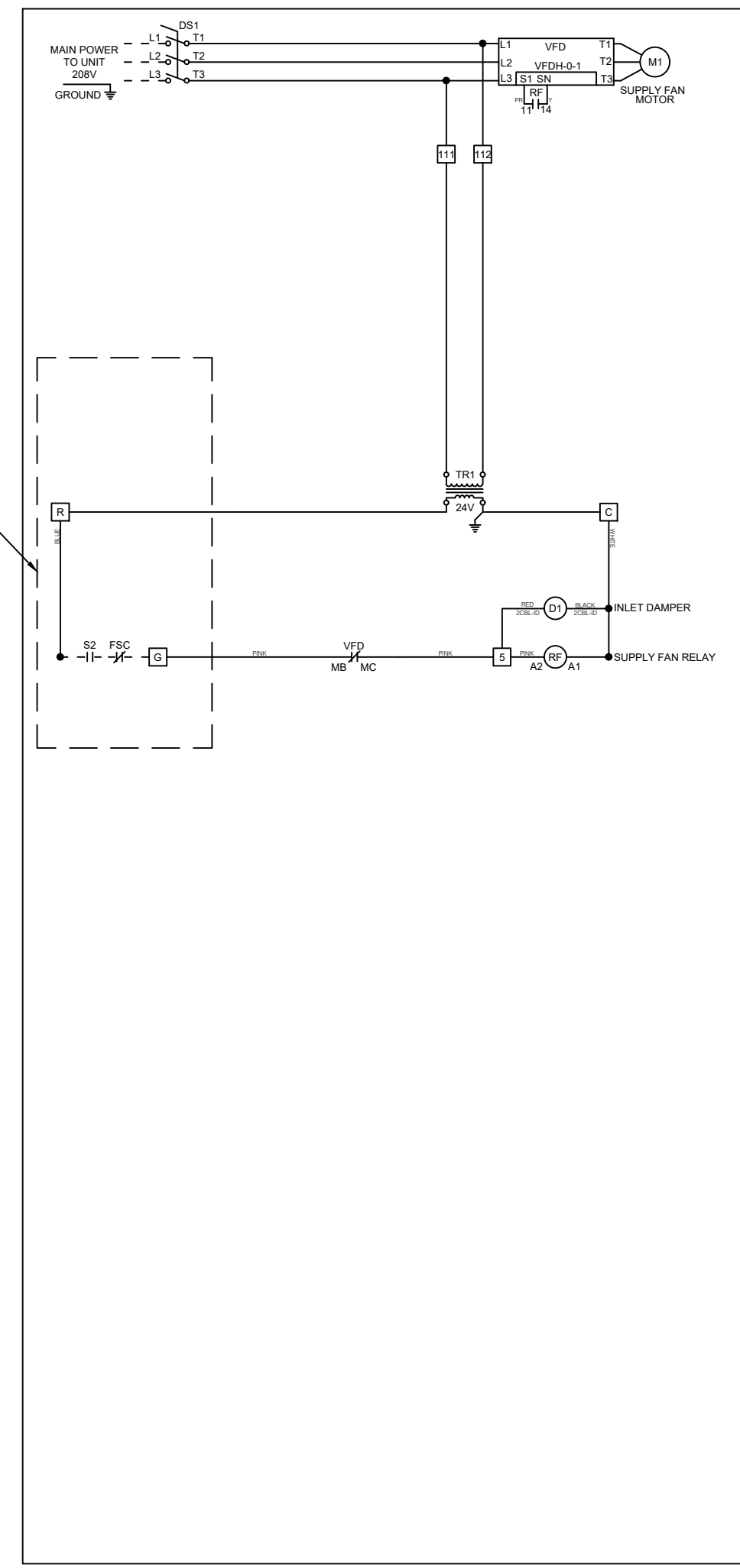
FOOTPRINT

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 75 x 30 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.



ACCUREX
 AN00N40AZ010N00NU17

Wiring Diagram Code:
AN00N40AZ010N00NU17

CAUTION
 UNIT SHALL BE GROUNDED IN ACCORDANCE WITH N.E.C.
 POWER MUST BE OFF WHILE SERVICING.

NOTES
 USE COPPER CONDUCTORS ONLY
 90° C FOR TERMINALS RATED LESS THAN 100 AMPS
 75° C FOR TERMINALS RATED 100 AMPS OR MORE
 FIELD CONTROL WIRING RESISTANCE SHOULD NOT EXCEED 0.75 OHM
 FIELD WIRES - - - - -
 FACTORY SUPPLIED AND WIRED - - - - -

WIRE COLOR CODE
 BK. BLACK, BL. BLUE, BR. BROWN, GR. GRAY, LT. BL. LIGHT BLUE, O. ORANGE, PK. PINK, PR. PURPLE, R. RED, W. WHITE, Y. YELLOW

LEGEND
 S1 INLET DAMPER
 S21 MAIN DISCONNECT SWITCH
 F32 FIRE SYSTEM CONTACT
 F1M FUSE
 M1 MOTOR
 CLR MOTOR OVERLOAD
 RF SUPPLY FAN RELAY
 RF1 FAN ENABLE RELAY
 S2 FAN SWITCH
 TR1 TRANSFORMER
 VFD VARIABLE FREQUENCY DRIVE

Template Drawing: L17 DOC NUMBER: ### REV: ###

ACCUREX

PROJECT: 6/22/2023
 MARK: KIN NO TORI RAMEN
 KSF-2 (REAR DISCHARGE)

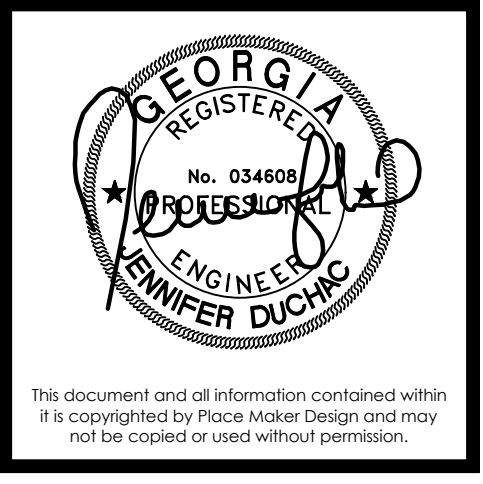
ACCUREX GA - 2922
 FELIPE ALVAREZ@ACCUREX.COM
 (404) 521-6063

REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NO TORI

8590 MAIN STREET
 WOODSTOCK, GEORGIA 30188



PLACE MAKER DESIGN
 280 INTERSTATE NORTH CIRCLE SE
 SUITE 510
 ATLANTA, GEORGIA 30339
 404.549.4499

ISSUE DATE	06/24/2023
DRAWN BY	VIA
CHECKED BY	JD
PWD PROJ #	23031

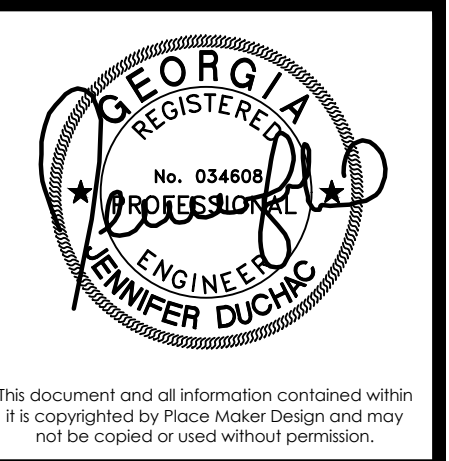
SHEET #

KITCHEN HOOD PACKAGE

M0.12



REV #	DATE	DESCRIPTION



PLACE MAKER DESIGN
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 404.549.4499

ISSUE DATE	08/24/2023
DRAWN BY	VIA
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PROJ #	23031

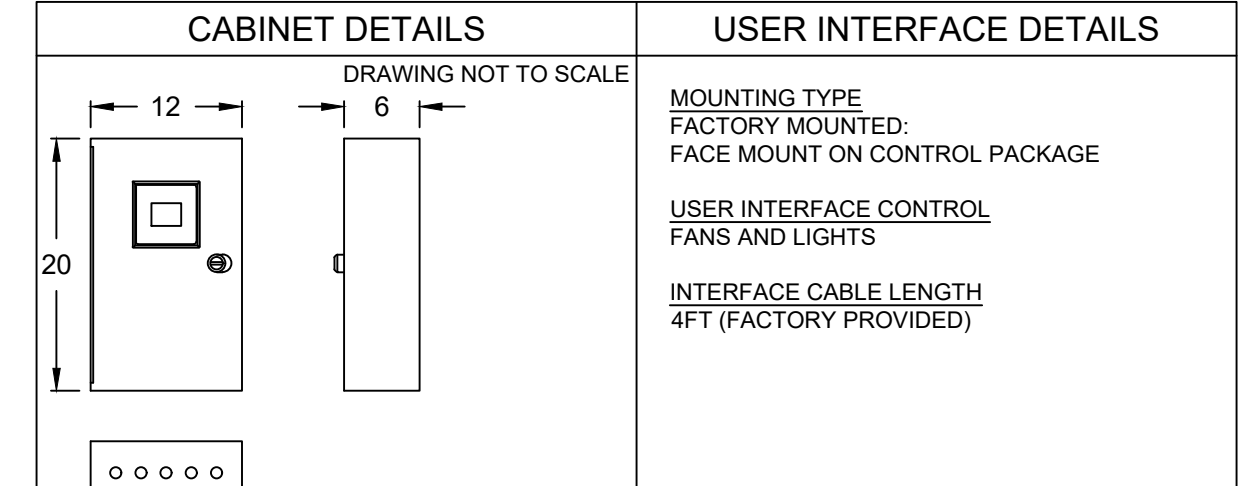
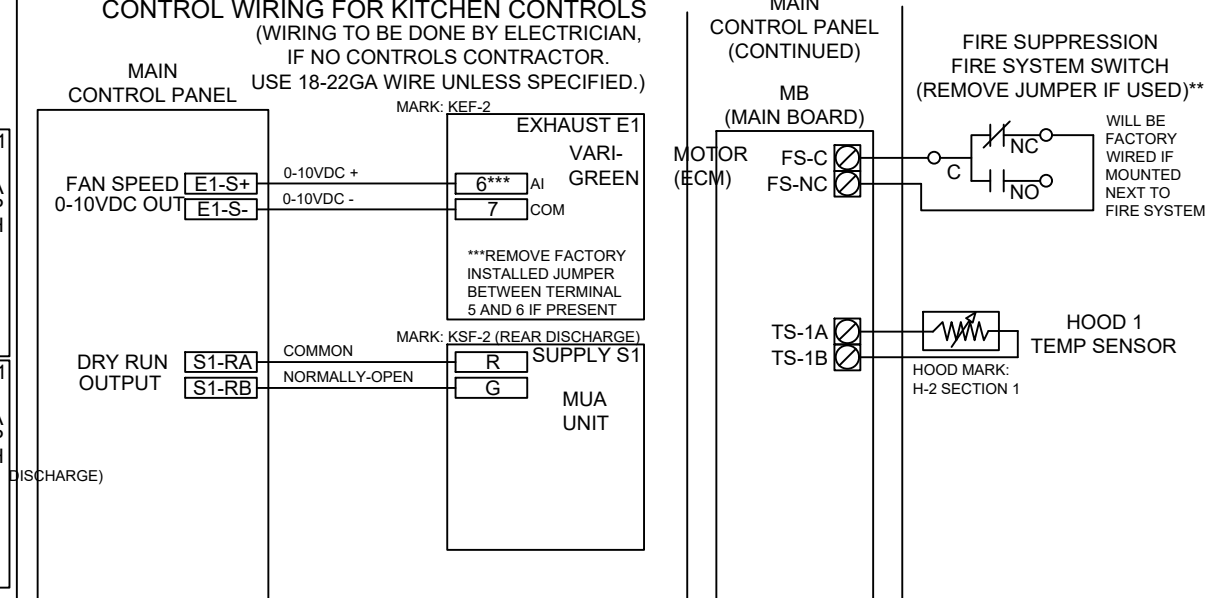
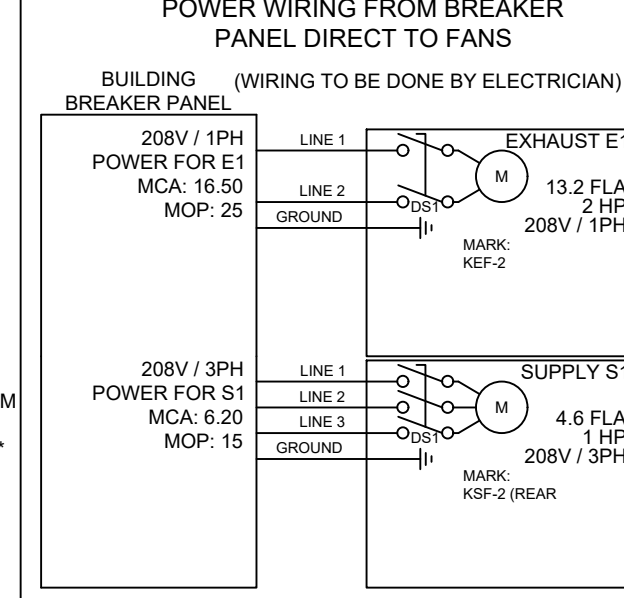
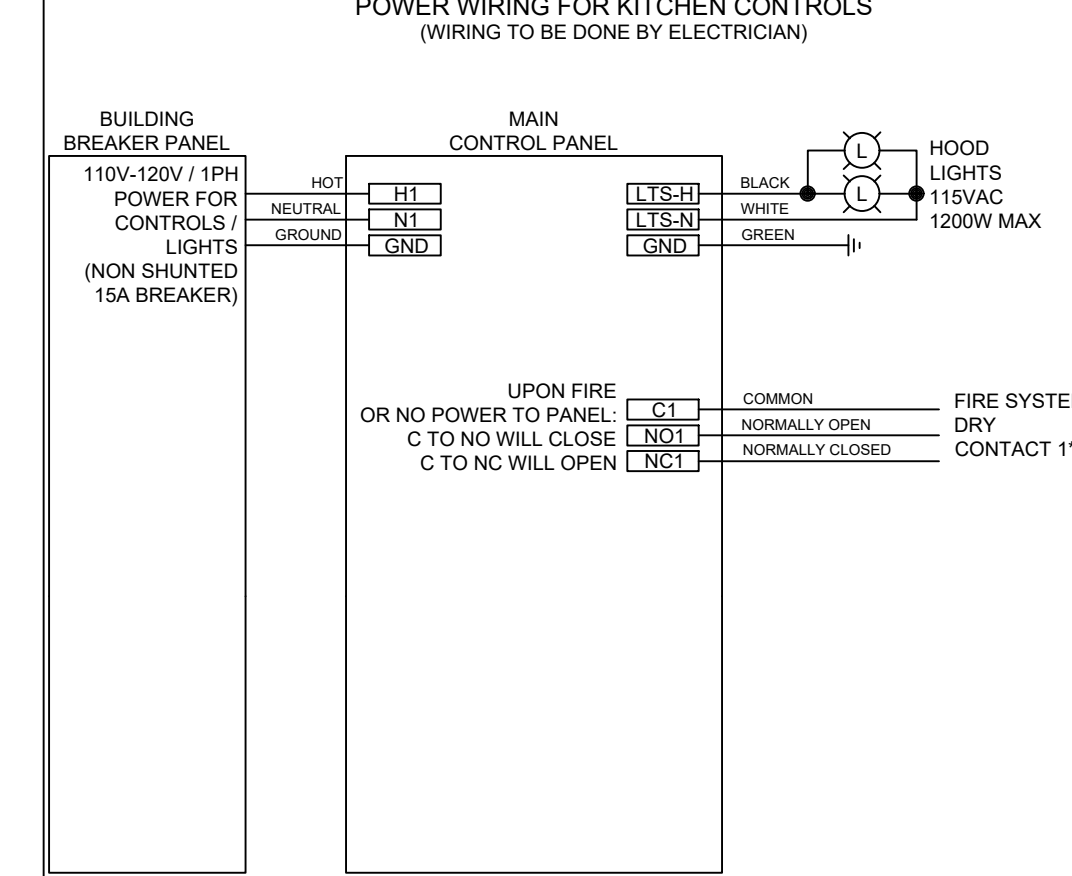
SHEET # **M0.13**

MARK	ELECTRICAL CONTROL PACKAGE		USER INTERFACE		FANS CONTROLLED											
	MODEL	LOCATION	TYPE	LOCATION	FAN #	TYPE	FAN	FAN MARK	ZONE	CFM	MOTOR HP	MOTOR VOLT	CYCLE	MOTOR PHASE	MOTOR STARTER IN PANEL	VFD IN PANEL
CONTROLLER-2	XKC-CV-S-11-1-1-0	SHIP LOOSE ENCLOSURE	FULL COLOR TOUCHSCREEN	FACE MOUNT ON CONTROL PACKAGE	1	EXHAUST	E1	KEF-2	1	2500	2	208	60	1	NO	NO
					2	SUPPLY	S1	KSF-2 (REAR DISCHARGE)	1	2250	1	208	60	3	NO	NO

CONTROL FEATURES
 HOOD LIGHT CONTROL
 TEMP SENSORS (FACTORY INSTALLED) - QTY. 1
 DRY FIRE CONTACTS - QTY. 1
 LIGHTS OFF DURING FIRE
 EXHAUST MAX DURING FIRE
 SUPPLY OFF DURING FIRE



DOC NUMBER: ###
CAUTION
 UNIT MUST BE GROUNDED IN ACCORDANCE WITH N.E.C. POWER MUST BE OFF WHILE SERVICING.
ATTENTION
 L'APPAREIL DOIT ÊTRE MIS À LA TERRE CONFORMÉMENT AU CODE C.E. L'ALIMENTATION DOIT ÊTRE COUPÉE DURANT L'ENTRETIEN.
 THESE DRAWINGS SHALL NOT BE REMOVED FROM THIS EQUIPMENT. USE COPPER CONDUCTORS RATED TO THE UNLESS SPECIFIED. TORQUE CONTROL A GROUND BLOCS TO 8 LBS. IN TORQUE POWER LEADS TO COMPONENT RATING.
 THESE DRAWINGS SHALL NOT BE REMOVED FROM THIS EQUIPMENT. USE COPPER CONDUCTORS RATED TO THE UNLESS SPECIFIED. TORQUE CONTROL A GROUND BLOCS TO 8 LBS. IN TORQUE POWER LEADS TO COMPONENT RATING.
 WIRING DIAGRAM CODE: ###
 JOB NAME: KIN NO TORI RAMEN
 MODEL: XKC-CV-S-11-1-1-0
 SERIAL NUMBER: WDSN#
 MARK: CONTROLLER-2



NOTES:
 1) WHEN CONTROLS ARE MOUNTED IN HOOD-MOUNTED OR WALL-MOUNTED UTILITY CABINET, FOR HOOD OR WALL CABINET DIMENSIONS SEE HOOD SUBMITTAL.
 2) MINIMUM OF 36" OF CLEARANCE RECOMMENDED IN FRONT OF CONTROL CABINET.

ZONE #	ZONE	ROOM TEMP	ZONE CONFIGURATION	WIRING DIAGRAM CODE: ###
1	Z1	PRESET		

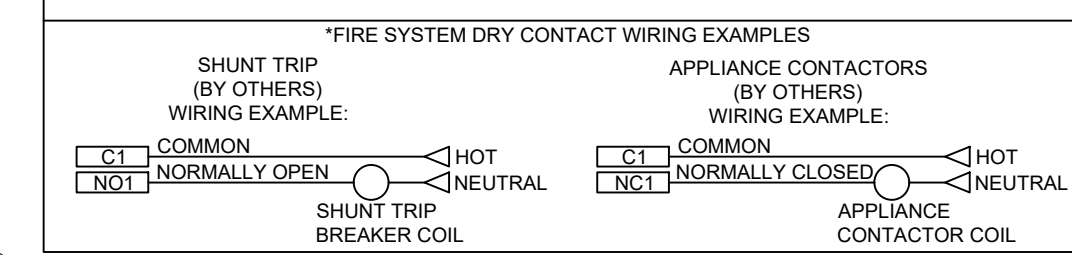
HOOD #	HOOD	HOOD MARK	ZONE	EXHAUST	SUPPLY	MB-TEMP SENSORS	HCB
1	HT	H-2 SECTION 1	Z1	E1	S1	T81	NO

FAN #	TYPE	FAN	FAN MARK	ZONE	MIN CFM	MAX CFM	MODBUS VFD	VFD ADDRESS	MIN FREQ	MAX FREQ	MIN VDC	MAX VDC
1	EXHAUST	E1	KEF-2	Z1	-	2500	NO	-	-	-	-	10.0
2	SUPPLY	S1	KSF-2 (REAR DISCHARGE)	Z1	-	2250	NO	-	-	-	-	10.0

NOTE: LOW VOLTAGE FAN INTERLOCK BY INSTALLING CONTRACTOR.

NOTE: ALL HEAT SENSORS FIELD WIRING (24V) BY ELECTRICIAN. ALL BUILDING ALARM INTERLOCK WIRING BY OTHERS.

NOTE: ALL LOAD POWER WIRING TO FAN MUST BE IN SEPARATE CONDUIT



PROJECT: 8/23/2023
 MARK: KIN NO TORI RAMEN CONTROLLER-2
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ACCUREX

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GREASE DUCT

LISTINGS:
 Jeremias Model SWCK, SWGD-R, DWCK+1, DWGD-ZC and DWCK-ZC Grease Ducts are listed (safety certified by Underwriters Laboratories, Inc. (UL) in accordance with UL1978, the "Standard for Grease Ducts". They are intended to be installed in accordance with the following installation instructions and NFPA 96, the (National Fire Protection Association) "Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations".

Jeremias Model DWCK-ZC and DWGD-RZ Grease Duct Systems are listed with a minimum zero inch clearance to combustibles. Jeremias Models SWCK, SWGD-R, and DWGD+1 grease duct systems are listed for use at certain minimum airspace clearance to combustibles, as identified on the labels and in the instructions.

CLASSIFICATIONS:
 Jeremias model DWCK-ZC and DWGD-RZ Grease Ducts are also classified by UL in accordance with UL2221, the "Standard for Fire Tests for Fire Resistant Grease Duct Enclosure Assemblies" and ASTM-E2336, the "Test Methods for Fire Resistive Grease Duct Enclosures" ZC & RZ is classified for a maximum 2 hour fire resistance rating per UL2221 and a 2 hour fire resistance rating per ASTM-E2336. These ratings qualify the insulation and the outer wall of the ZC & RZ as an alternate to the specified hourly rated fire resistive shaft enclosures (therefore eliminating the need for a separate fire resistive enclosure) and for installation at zero clearance to combustibles. See table GD-1.

Model	Certification Per UL1978	Certification/ Fire Rating Per UL2221 (accepted by all current codes)	Certification/ Fire Rating Per ASTM-E2336
SWCK, SWGD-R, DWGD+1	Yes	No	No
DWCK-ZC & RZ	Yes	Yes: 2 Hour	Yes: 2 Hour

Model SWCK, SWGD-R, DWCK+1, DWCK-ZC & DWGD-RZ, Grease Duct Systems are based on construction per UL1978. Model DWCK+1 incorporates a 1.25" insulation between walls and model, DWCK-ZC incorporates 3.25" of special fiber insulation between walls, DWGD-RZ incorporates 3" of special fiber insulation between walls. Component assembly for model SWCK, DWCK+1, and DWCK-ZC incorporate a double female expanded joint sealed with 600F silicone sealant, SWGD-R & DWGD-RZ incorporate a bolted flange style joint sealed with 2000F silicone sealant.

APPLICATION:
 Model SWCK, SWGD-R, DWCK+1, DWCK-ZC & DWGD-RZ are suitable for use in installation using exhaust system components for the removal of smoke and grease-laden vapors from commercial, industrial, institutional, and similar type applications. Models SWCK, SWGD-R, DWCK+1, DWCK-ZC & DWGD-RZ grease ducts are intended for use as complete systems. They connect the hood or grease extractor system to the outdoors through an exhaust or blower system.

Round and Rectangular Jeremias Grease Ducts offer superior construction. The round models permit smoother angles to allow for desired velocities on grease duct systems. The round models are also constructed with a thinner gauge stainless steel which permits an effective lightweight system. The rectangular models permit the use of a factory built & UL or ETL listed grease duct with any space constraint that may be presented.

System installation specifications are as described in NFPA96 for factory-built grease duct and are to be installed to conform to this standard or as described in these installation instructions. Grease duct systems are not to be interconnected with any other building ventilating or exhaust system. Systems installed in accordance with these instructions comply with NFPA96, the International Mechanical Code (IMC), Uniform Mechanical Code (UMC) and other accepted building codes.

Round & Rectangular Grease Ducts are permitted to be installed in accordance with the clearances shown in table 1-1. Some Special provisions for Grease Ducts are necessary and, in particular, cleanout openings must be provided. Cleanout opening should be provided at the following locations:

- Every change of direction
- Located on the side of the duct
- At the permitted distances per local code

Cleanout doors may be excluded if the duct is 24" or larger for main space diameters.

System size and capacity information can be obtained from: the "Duct Design" chapter in the ASHRAE Fundamentals Handbook and/or the "Kitchen Ventilation" chapter in the ASHRAE HVAC Applications Handbook. Refer to Jeremias Grease Duct Product Catalog for descriptions of all necessary parts.

INTERMIXING OF SYSTEM PARTS:
 Jeremias permits intermixing models SWCK, SWGD-R, DWCK+1, DWCK-ZC & DWGD-RZ, assuming proper clearances are maintained for the respective components. Always ensure proper roof penetrations are completed with all models. It is permissible to transition to and from Model SWCK, SWGD-R, DWCK+1, DWCK-ZC & DWGD-RZ Grease Duct to a code compliant, rectangular, or round, welded steel grease duct and back again. Follow NFPA-96 regarding methods for reduced clearances for these single wall custom transitions as well as the field fabricated grease ducts.

SURROUNDINGS:
 Jeremias Model SWCK, SWGD-R, & DWCK+1 are primarily intended to be used in commercial noncombustible surroundings. In certain applications (i.e. pizza ovens), models DWCK+1 & DWCK-ZC may be used in residential construction where the use of plate supports (APS or PS) and Wall brackets (WB) must be connected to a noncombustible structure. All other guides/supports (FAR, HAR & LSB) may be connected to combustible structure. Residential surroundings may be of combustible or noncombustible construction, but fully enclosed systems, when required, must be of noncombustible construction as defined by local code.

Where the ducting is installed in an open room and does not require an enclosure it must have a minimum clearance to adjacent combustible walls as shown in the section titled "Clearances". The ducting may be located in corners formed by two combustible walls under the above condition.

- Interior installations in all building should be installed as follows:
- If a ceiling or wall has a fire resistance rating and is penetrated by models SWCK, SWGD-R, & DWCK+1, then the duct shall be enclosed with a continuous enclosure extending from the penetration, through any concealed spaces, to or through the roof so as to maintain the integrity of the fire separations required by the applicable building code. NOTE: If penetrated by ZC or RZ an additional enclosure is NOT required however the appropriate through floor penetration firestop (TPF) must be used. See Through Penetration Section.
 - If a ceiling or wall does not have a fire resistance rating and is penetrated by models SWCK, SWGD-R, & DWCK+1, the duct must be installed at the correct minimum clearance for unenclosed duct, in this scenario an additional enclosure is NOT required.
 - Where models SWCK, SWGD-R, & DWCK+1 duct extend through any story of a commercial building above that in which the connected appliances are located, it must be enclosed in the upper stories with walls having a fire resistance rating of not less than one hour for building of two or three stories in height. If the commercial building is four stories or more in height, the enclosure wall shall have a fire resistance rating of not less than two hours.

NOTE: The DWCK-ZC & RZ models are permitted to be installed as a 2-hour rated fire shaft and do not require an additional enclosure for construction

INSTALLATION INSTRUCTIONS SECTION GD

CLEARANCES:

Model:	Minimum Airspace Clearance to Combustibles			
	SWCK Single Wall Grease Duct & Building Heating Appliance	SWGD-R Building Heating Appliance 1000°F Chimney	DWCK+1 Building Heating Appliance 1000°F Chimney	DWCK-ZC Grease Duct & Fire-Resistant Enclosure UL1978 & UL2221
Application:	3" (Round) - 2" (150mm)	1 1/2" (40mm)	0.50" (12.7mm) 0.50" (12.7mm)	2" (50.8mm) 0" (0mm)
3" (76mm) - 1 1/2" (40mm)	1 1/2" (40mm)	0.75" (19.1mm) 0.75" (19.1mm)	2" (50.8mm)	0" (0mm)
1 1/2" (40mm) - 3" (76mm)	1 1/2" (40mm)	1.00" (25.4mm) 1.00" (25.4mm)	2" (50.8mm)	0" (0mm)
3" (76mm)	1 1/2" (40mm)	1.00" (25.4mm) 1.00" (25.4mm)	4" (101.6mm)	0" (0mm)
1 1/2" (40mm) - 4" (101.6mm)	1 1/2" (40mm)	2.00" (50.8mm)	N/A	5" (127mm)

Model:	SWGD-R Grease Duct UL1978	
Application:	Minimum Airspace Clearance to combustibles	Clearance to Non-Combustibles
Shape/Size:		
Square 6" x6" to 36" x36"	1 1/2" (40mm)	0"
Rectangular 6" x6" to 27" x48" (Max Height/Width ratio is 1.5:1, E.g. 6" x36")	1 1/2" (40mm)	0"

Model:	Minimum Airspace Clearance to Combustibles	
Application:	Grease Duct & Fire-Resistant Enclosure UL1978 & UL2221	
Shape/Size:		
Square 6" x6" to 36" x36"	0" (0mm)	
Rectangular 6" x6" to 27" x48" (Max Height/Width ratio is 1.5:1, E.g. 6" x36")	0" (0mm)	

For noncombustible construction maintain clearances as required for installation, access for inspection, or per local code.

Combustible roofs may be penetrated by using the Ventilated Roof Flashing (VRF & VSC), the Ventilated Roof Assembly (VRF, VSC & HTT), Unvented Roof Assembly (FRF, SC & HTT) or Fan Plate Adapter (FP). Vertical walls or combustible materials may be penetrated using the High Temperature Thimble (HTT). These are the only parts intended for use with combustible construction. All other parts, such as supports & guides are for attachment to noncombustible construction.

SLOPE:
 Mechanical codes and good practice require that some slope (back to a grease reservoir or kitchen hood) be created to prevent pooling of grease within horizontal portions of grease duct systems. Per code, grease duct systems are required to incorporate a minimum 1/4" per foot slope. Some codes require 3/8" per foot for runs less than 75' in length and 1" per foot for runs of 75' and more.

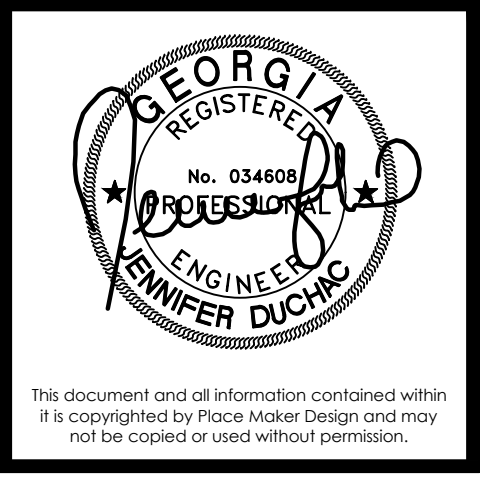
While such slopes are critically important for flat bottom grease ducts in order to prevent pooling, it is well acknowledged that cylindrical ducts prevent pooling with far less slope. Engineering analysis, including hydraulic fluid calculations and tests confirm that pooling of grease within factory-built, cylindrical grease duct systems can be achieved with far less slope compared to flat bottomed systems, due to the physical characteristics of their construction.

As such, per the terms of the UL Listing and in accordance with UL1978, Jeremias recommends a minimum slope of 1/16" per foot (0.3 degrees) for horizontal segments of the CK grease duct systems. Normal system components will permit such slopes to be achieved on horizontal offsets of at least 2' in dimension. Shorter runs require no slope. Where a specific slope is desired, Jeremias offers various options including 1.5", 3" and 87" elbows as well as 87" tees. Slope for Rectangular is 1/8" per foot up to 75'. 1/4" per foot over 75' of horizontal.

PROJECT 8/7/2023
 ACCUREX GA
 FELIPE ALVAREZ@ACCUREX.COM
 (404) 521-8063
ACCUREX
 Grease Duct General Info

REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR
KIN NOTORI
 8590 MAIN STREET
 WOODSTOCK, GEORGIA 30188



PLACE MAKER DESIGN
 280 INTERSTATE NORTH CIRCLE SE
 SUITE 510
 ATLANTA, GEORGIA 30339
 404.549.4499

ISSUE DATE	08/24/2023
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SHEET #

KITCHEN HOOD PACKAGE

M0.14

SHIRT #

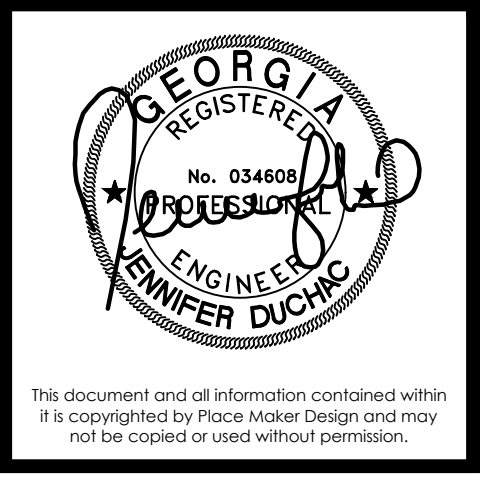


REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188



PLACE MAKER DESIGN
 280 INTERSTATE NORTH CIRCLE SE
 SUITE 510
 ATLANTA, GEORGIA 30339
 404.549.4499

ISSUE DATE	08/24/2023
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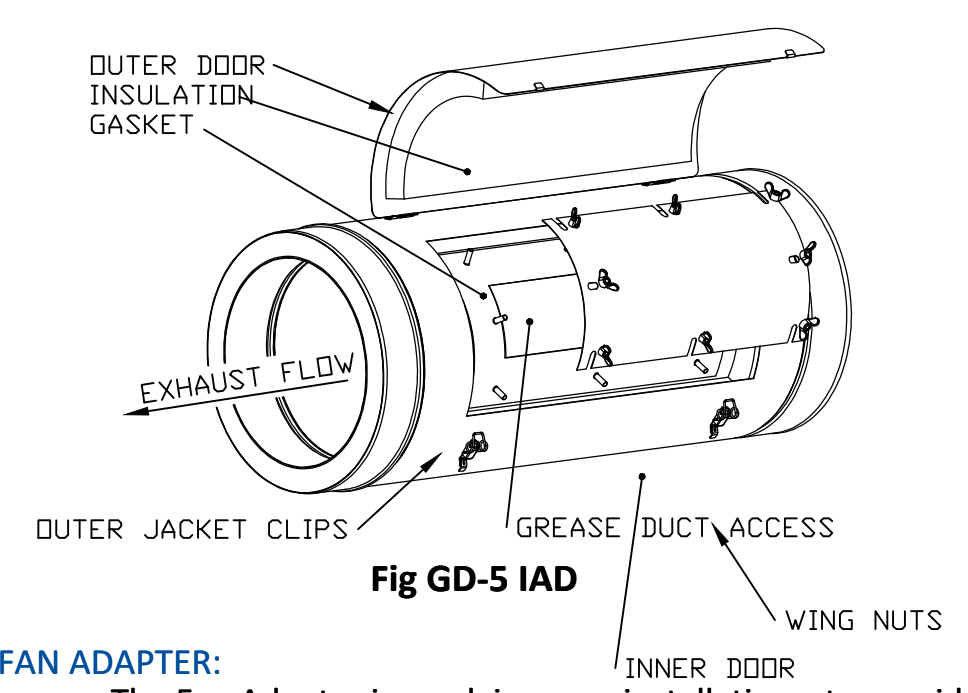
SHEET #

M0.15

CLEANOUTS:

Grease Duct Tee fittings have a reversed snout that permits accessibility for cleaning. This is available in every tee option. Grease Duct Tee Cap Access permits access to the inside Grease Duct for inspection and/or cleaning. It can be placed at the end of a snout of any three or four-way fitting and incorporates a 1 1/2" tall dam to prevent liquid or grease from dropping out when opening.

The Inline Access Door is for the Grease Duct application and provides an easy and no-tool access to the inside exhaust for cleaning and inspection. The Inline Access Door ships fully assembled, and no modifications are required in the field. As shown below in figure GD-5 FIGURE, INLINE ACCESS DOOR



FAN ADAPTER:

The Fan Adapter is used, in many installations, to provide the final connection between the grease duct system and a curb mounted "Up-Blast" Fan.

When using the Fan Plate Adapter End (as shown in Figure GD-6), the flat plate is designed to set directly on top of the roof curb (by others). The installing contractor uses bolts or screws through the plate into the curb. A vented curb should be used if the roof construction being penetrated is of combustible construction.

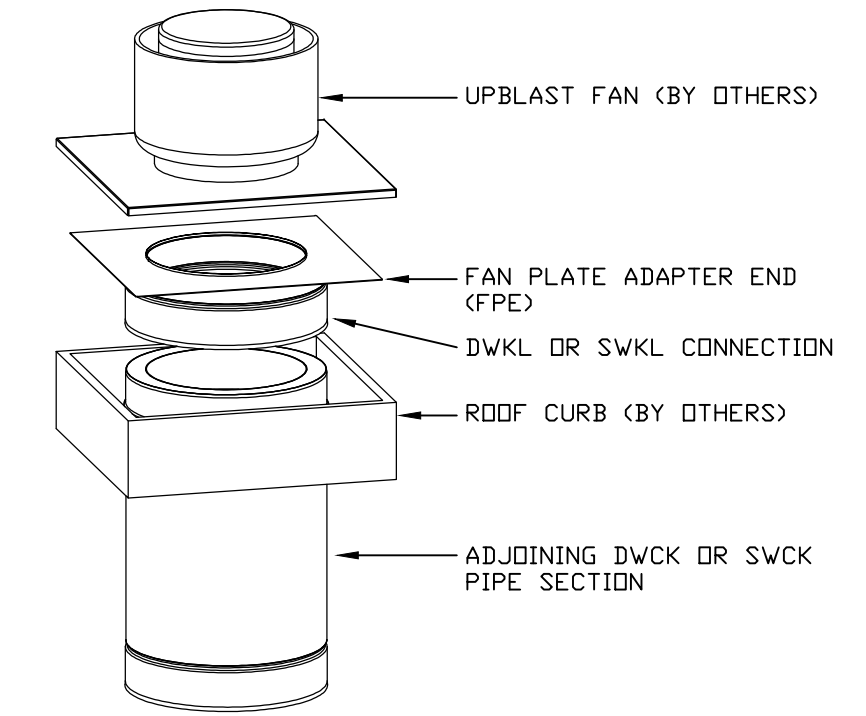
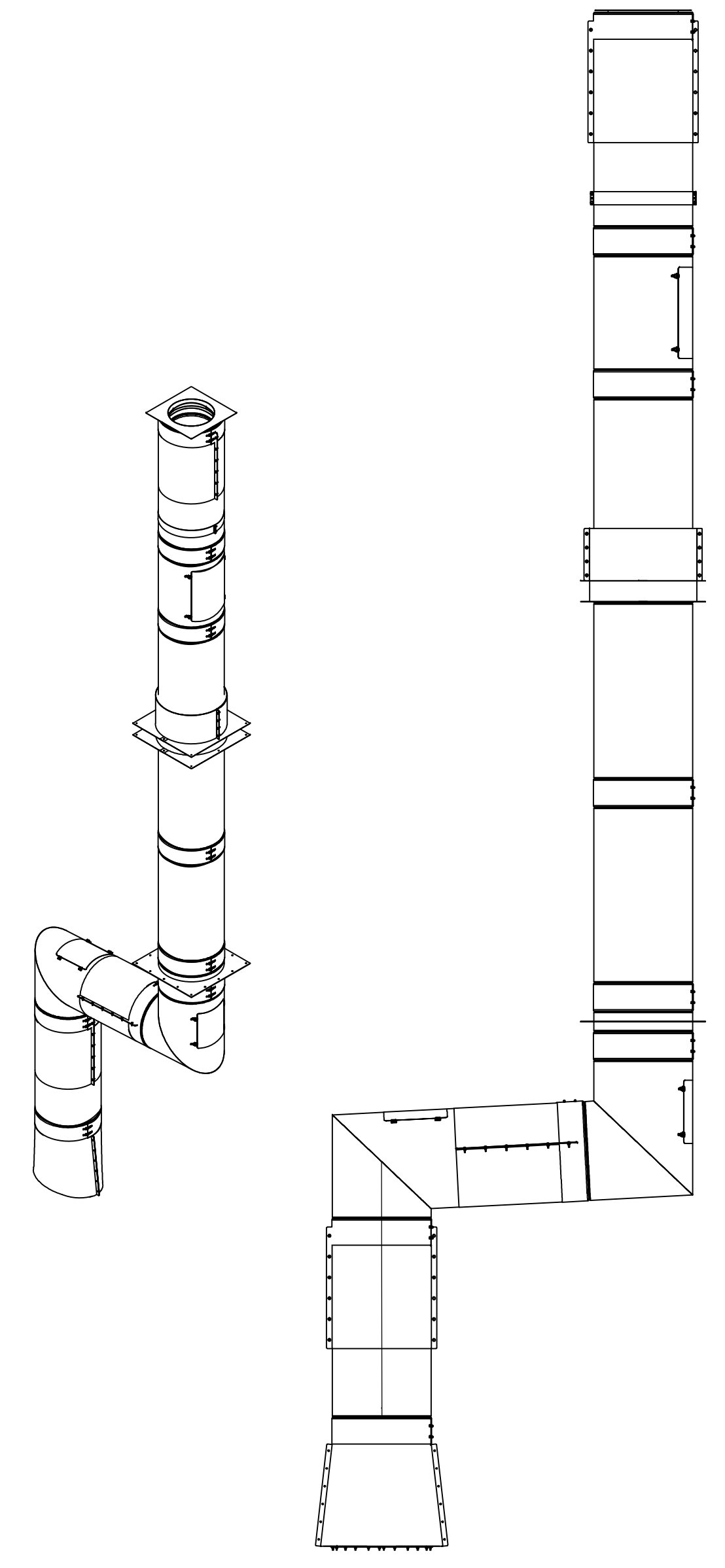


Fig GD-6. Fan Plate Adapter



GENERAL NOTES:

1. WHEN INSTALLING FOLLOW ALL APPLIANCE MANUFACTURER AND JEREMIAS INC. INSTALLATION INSTRUCTIONS, AS WELL AS ANY LOCAL OR NATIONAL CODES.
2. INSTALLER IS TO FIELD VERIFY ALL DIMENSIONS AND PARTS BEFORE RELEASING THIS DRAWING FOR PRODUCTION.
3. ALL DRAIN LINES AND SUPPORTS BACK TO THE BUILDING ARE SUPPLIED BY THE INSTALLING CONTRACTOR.
4. JEREMIAS INC. DISCLAIMS ANY RESPONSIBILITY FOR ANY BUILDING INTERFERENCE NOT REFERENCED ON THIS DRAWING.

WARRANTY STATEMENT:
 THIS PROJECT QUALIFIES FOR THE EXTENDED 25-YEAR LIMITED WARRANTY.
 SIZED BY JEREMIAS INC.

APPLIANCE MANUFACTURER / MODEL NO.: N/A
 OPERATING FLUE GAS TEMPERATURE: N/A
 UL INSTRUCTIONS USED FOR DESIGN: ALL-IN-ONE
 UL LABEL USED FOR PRODUCT: 1978/2221
 SEALANT FOR JOINTS: (2) J-600

MATERIAL:
 JEREMIAS INC. DWCK-ZC
 UL AND CUL LISTED
 STAINLESS STEEL INNER
 3.25" THICK FIBER INSULATION
 0.025" THICK STAINLESS STEEL OUTER JACKET
 STAINLESS STEEL USED FOR ALL ACCESSORIES

ACCUREX
 PROJECT 8/17/2023
 MARK
 Grease Duct General Info
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 (404)521-6003

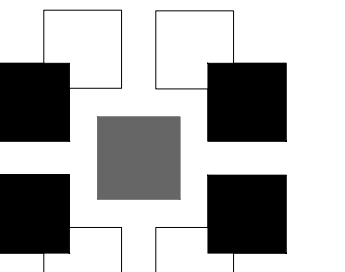
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GENERAL NOTES

- A. EACH SUPPLY DIFFUSER/REGISTER RINOUT SHALL BE PROVIDED WITH A VOLUME DAMPER. REFER TO THE DIFFUSER TAKE-OFF DETAIL FOR ADDITIONAL INFORMATION.
- B. DRAWINGS ARE DIAGRAMMATIC ONLY; FINAL ROUTING OF DUCTWORK AND EQUIPMENT LOCATIONS SHALL BE DETERMINED IN THE FIELD. ADDITIONAL OFFSETS, ELBOWS, ETC. SHALL BE PROVIDED AND INSTALLED WITHOUT ADDITIONAL COST TO THE OWNER.
- C. ALL MECHANICAL EQUIPMENT TO BE LOCATED A MINIMUM OF 1'0" AWAY FROM ROOF EDGE. ALL MECHANICAL EQUIPMENT LOCATED LESS THAN 1'0" AWAY FROM ROOF EDGE TO HAVE A MINIMUM 42" TALL PARAPET OR FALL PROTECTION.
- D. ALL EXHAUST TERMINATIONS TO BE LOCATED A MINIMUM OF 1'0" AWAY FROM MECHANICAL AIR INTAKES AND A MINIMUM OF 3' AWAY FROM OPERABLE OPENINGS.
- E. ALL HEAT PUMPS (HPs), GRAVITY VENTILATOR INTAKE HOODS (IHs), KITCHEN SUPPLY FANS (KSFs) AND KITCHEN EXHAUST FANS (KEFs) TO BE LOCATED ON ROOF.
- F. EXTERIOR EXPOSED DUCTWORK SHALL HAVE WEATHERPROOF AND CORROSION RESISTANT LAYER COMPARABLE TO 3M VENTURECLAD.

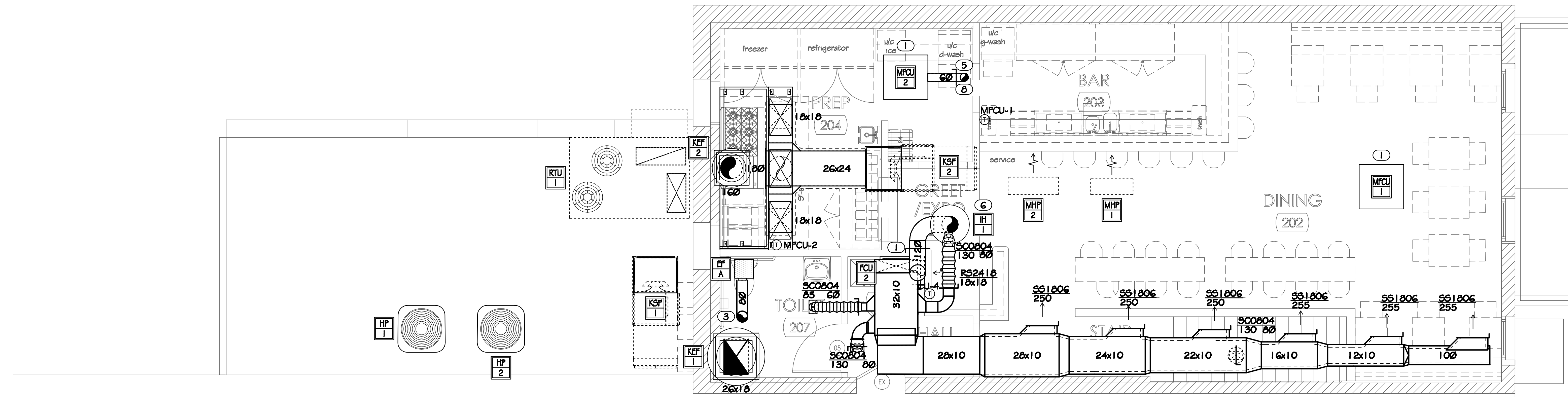
KEYNOTES

- ① TRAP & ROUTE 1"Ø INSULATED CONDENSATE DRAIN LINE TO NEAREST MOP SINK OR FLOOR DRAIN.
- ② 3/4" DOOR UNDERLUT.
- ③ ROUTE EXHAUST DUCT UP TO ROOF CAP WITH INSECT SCREEN.
- ④ EXHAUST DUCT TO EXTERIOR WALL CAP WITH INSECT SCREEN. WALL CAP COLOR AND FINISH SHALL BE SELECTED BY ARCHITECT.
- ⑤ ROUTE OUTSIDE AIR DUCT UP TO ROOF CAP WITH INSECT SCREEN.
- ⑥ ROUTE OUTSIDE AIR DUCT UP TO GRAVITY VENTILATOR INTAKE HOOD (IH) ON ROOF ABOVE.
- ⑦ ROUTE OUTSIDE AIR DUCT UP TO KITCHEN SUPPLY FAN (KSF) ON ROOF ABOVE.
- ⑧ BALANCE DUCT TO 80 CFM OUTSIDE AIR.
- ⑨ ROUTE SUPPLY & RETURN TRUNKS UP TO RTU ON ROOF ABOVE.

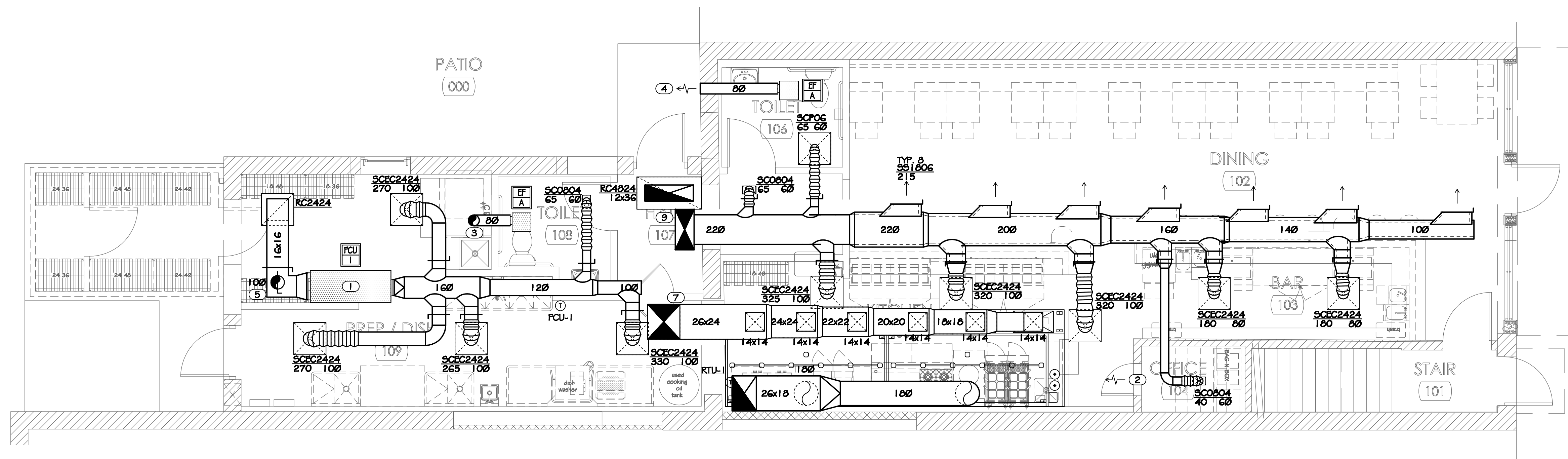


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DESIGN

REV #	DATE	DESCRIPTION



02 UPPER LEVEL FLOOR PLAN
M1.1 SCALE: 1/4" = 1'-0"



01 MAIN LEVEL FLOOR PLAN
M1.1 SCALE: 1/4" = 1'-0"

INTERIOR AND EXTERIOR
RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188

GEORGIA REGISTERED
PROFESSIONAL
ENGINEER
LEWIS DUCHIC

No. 034608

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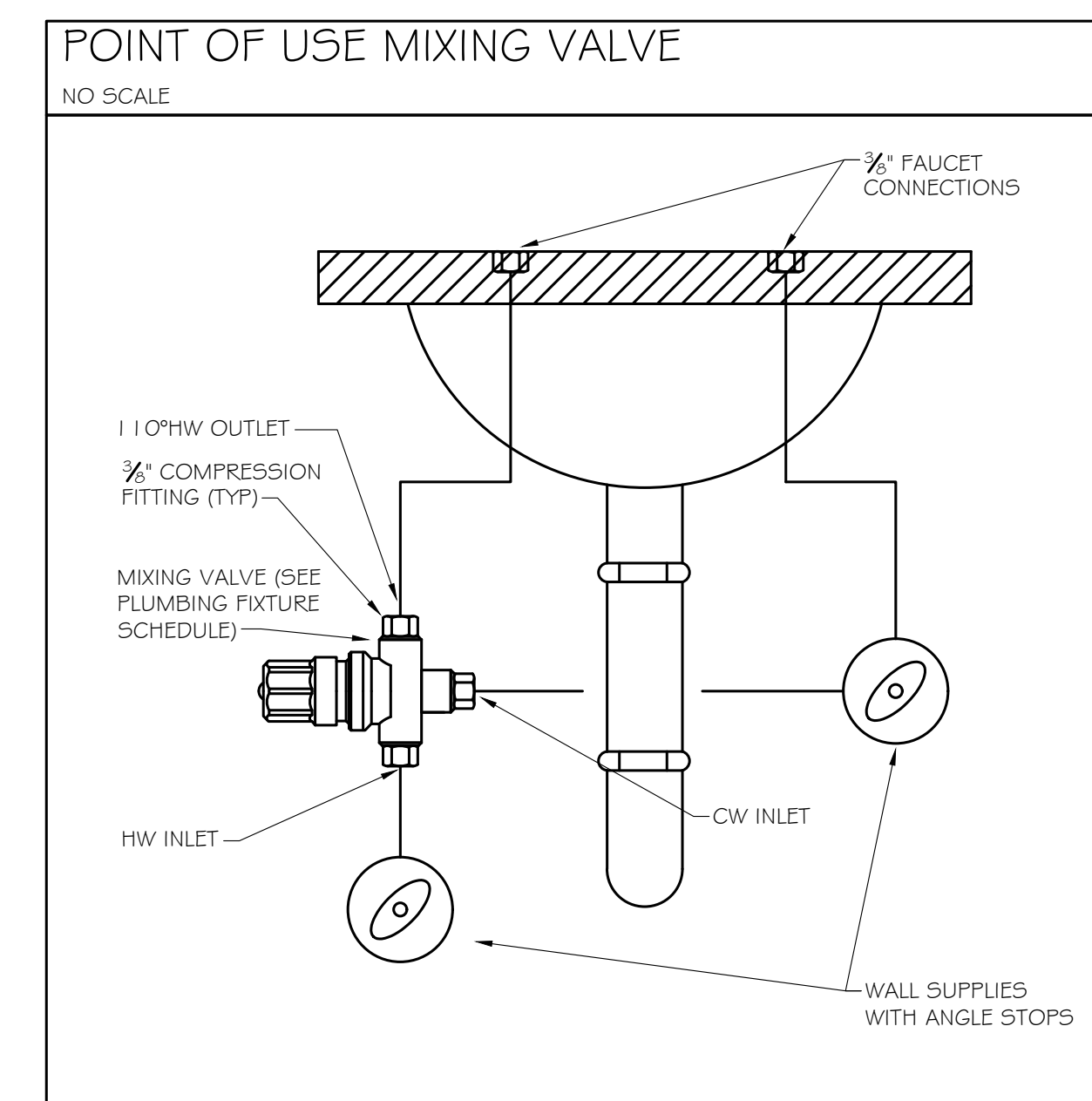
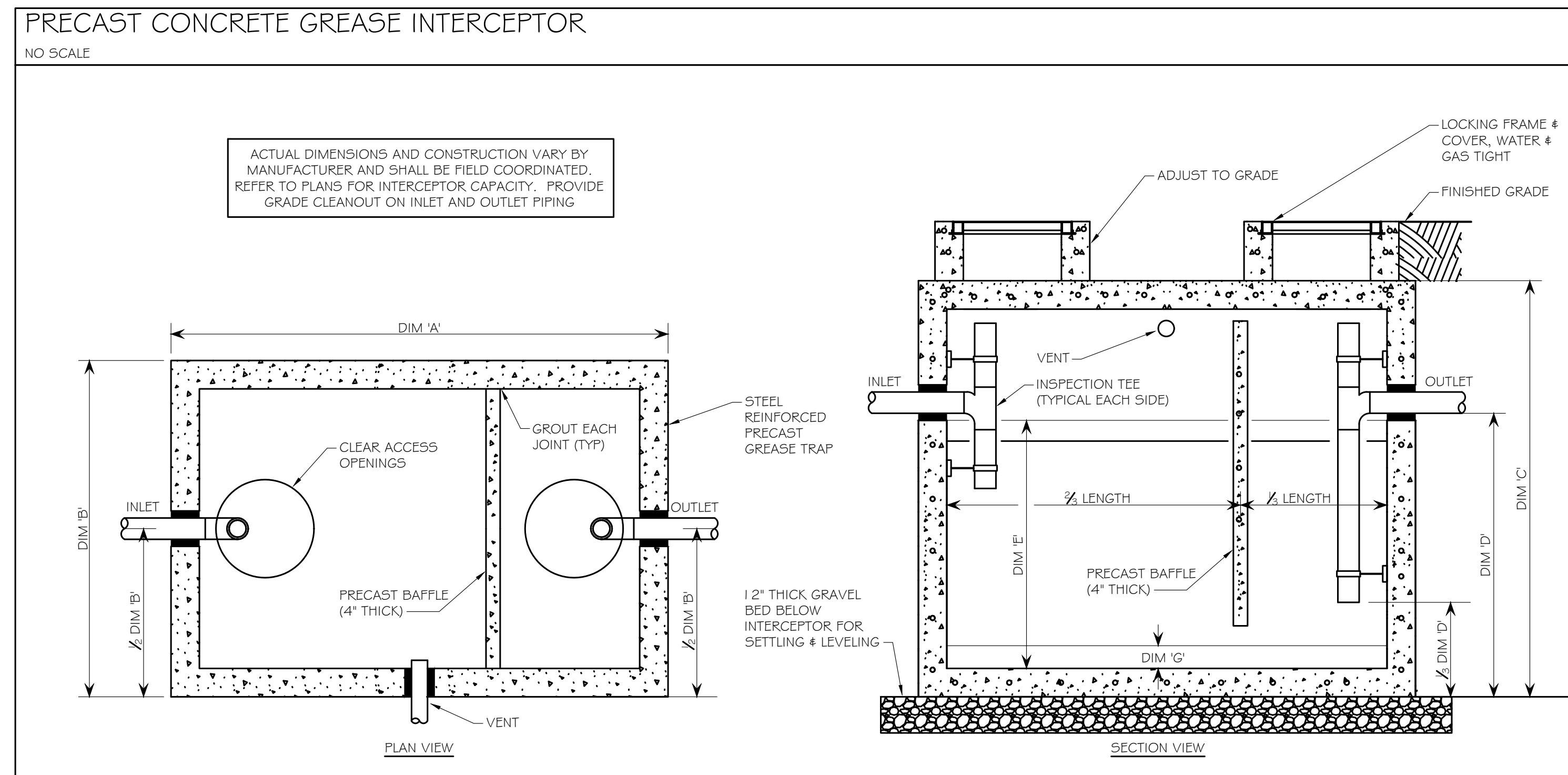
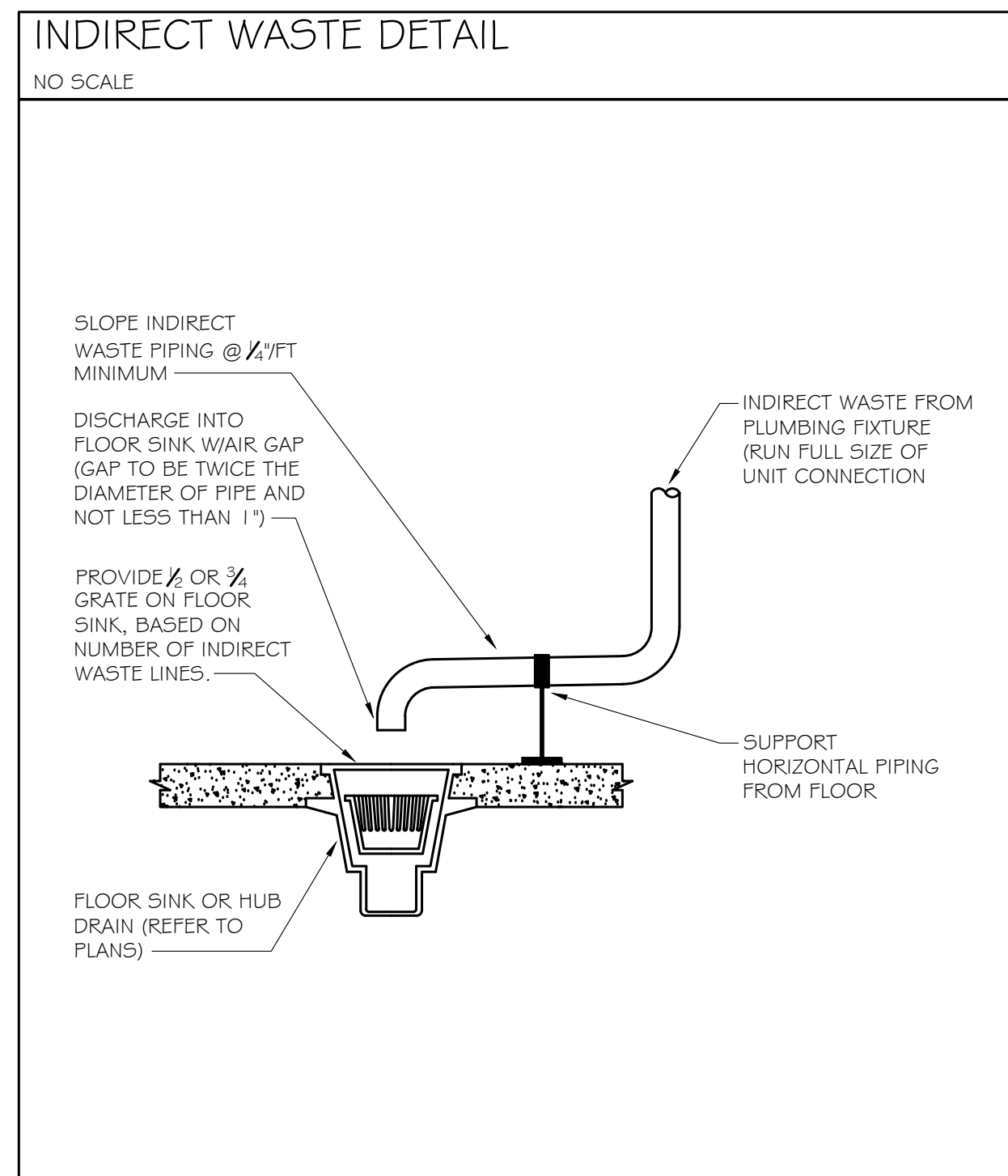
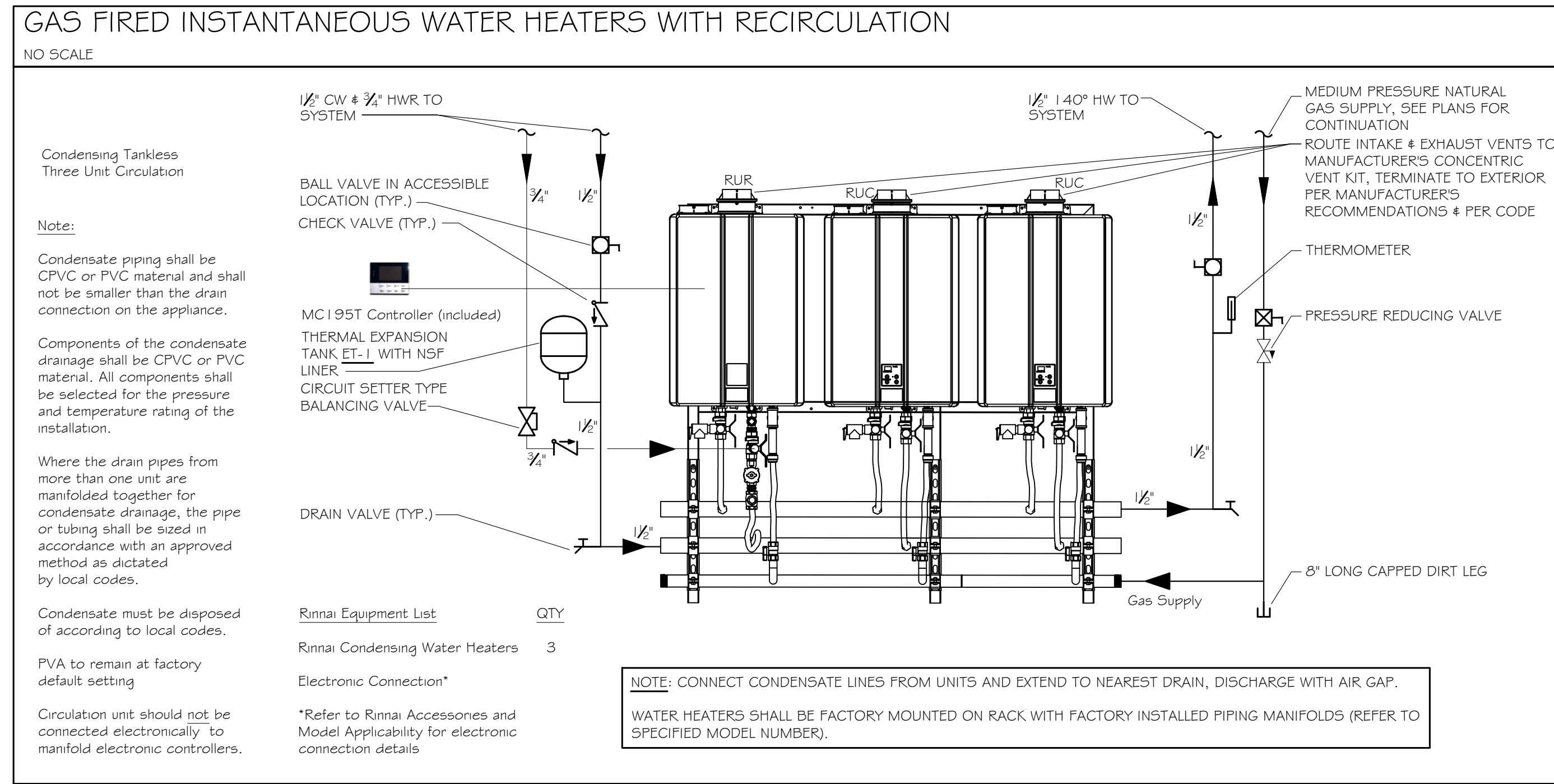
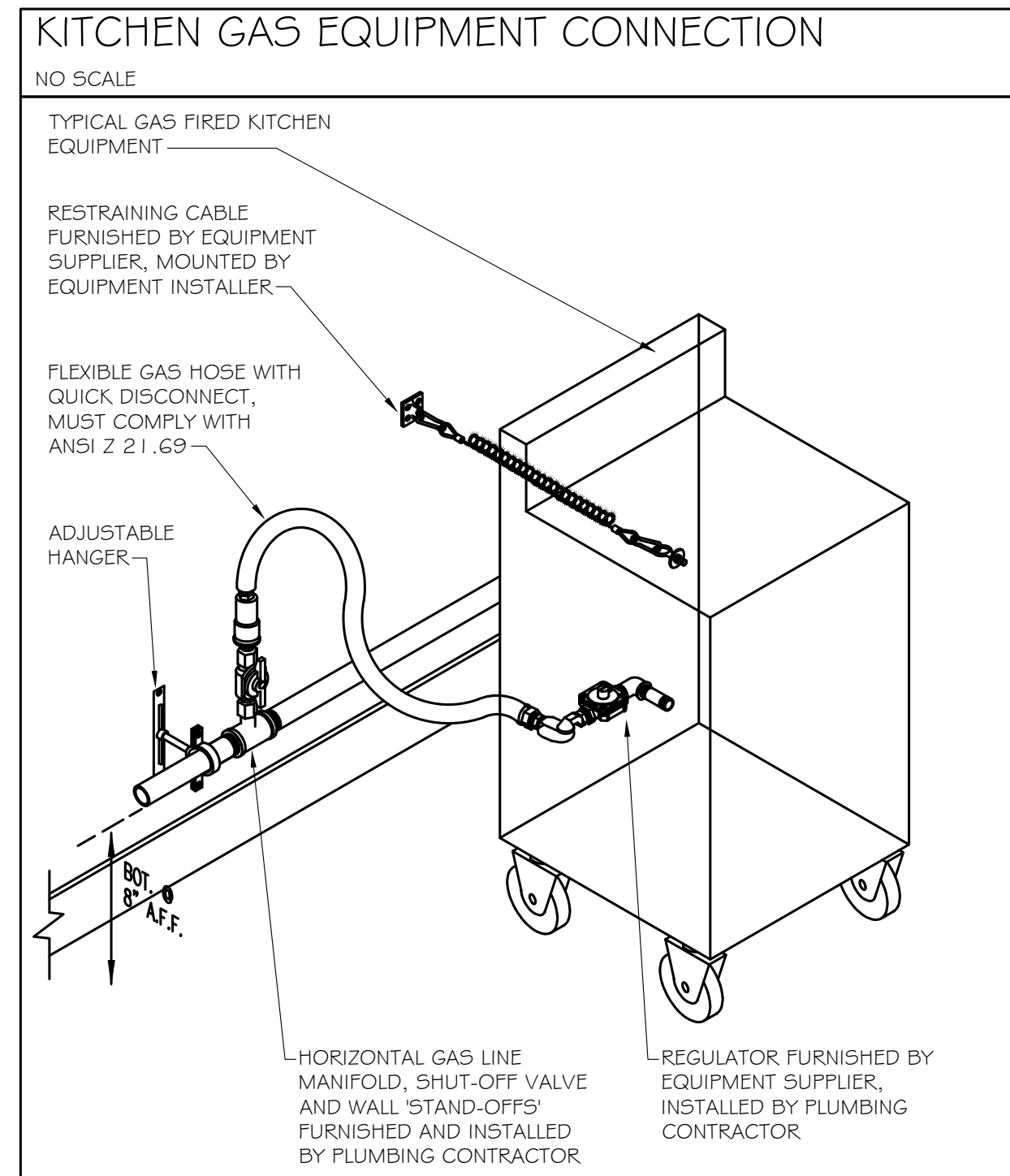
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FLOOR
PLANS

SHEET #

M1.1



REV #	DATE	DESCRIPTION

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	WASTE RUNOUT	WASTE CONN.	VENT	WATER RUNOUT		WATER CONN.		SPECIFICATION
					CW	HW	CW	HW	
L-1	LAVATORY (ADA) - WALL HUNG	2"	1 1/2"	2"	1/2"	1/2"	3/8"	3/8"	WALL HUNG LAVATORY (AMERICAN STANDARD 'LUCERNE,' 0355.012) WITH CONCEALED ARM CARRIER MOUNTING (ZURN 21231). PROVIDE 0.5GPM SINGLE HANDLE FAUCET WITH POLISHED CHROME FINISH (DELTA 501F-HGMHDF). HANDICAP DRAIN OFFSET W/GRID DRAIN (ZURN 28746-PC) AND CHROME PLATED P-TRAP (ZURN 28701-PC). CHROME PLATED BRASS ANGLE SUPPLY STOPS WITH FLEX SUPPLIES (MCGUIRE H165). INSULATE OFFSET, TRAP AND SUPPLY LINES (TRUBRO LAVGUARD) #103 E-2). PROVIDE THERMOSTATIC MIXING VALVE TO TEMPER HOT WATER TO 110 DEGREES (LEONARD 170LF). LEAD FREE, ASSE 1070.
WC-1	WATER CLOSET (ADA) - TANK TYPE	4"	3"	2"	1/2"	---	1/2"	---	FLOOR MOUNTED, ADA TANK TYPE WATER CLOSET (AMERICAN STANDARD 'CADET PRO RIGHT HEIGHT,' 215AA.104), 1.28 GPF, WHITE VITREOUS CHINA, GRAVITY FED FLUSH ACTION. TOP OF RIM AT 16.5" AFF. HIGH EFFICIENCY 'WATERSENSE' LISTED. PROVIDE ALTERNATE TANK CONFIGURATION (215AA.105) WITH TRIP LEVER ON RIGHT HAND SIDE IF NECESSARY TO HAVE LEVER ON OPEN SIDE OF WATER CLOSET. HEAVY DUTY OPEN FRONT SEAT, LESS COVER, WITH SELF-SUSTAINING CHECK HINGE (BEMIS 105555C). CHROME PLATED BRASS ANGLE SUPPLY STOP WITH 1/2" LONG X 3/8" FLEX SUPPLY (MCGUIRE M166).
FD-1	FLOOR DRAIN - GENERAL PURPOSE	3"	3"	2"	---	---	---	---	GENERAL PURPOSE FLOOR DRAIN (J.R. SMITH #2005) WITH FLASHING COLLAR, ADJUSTABLE STRAINER HEAD & 5" ROUND NICKEL BRONZE STRAINER. PROVIDE SQUARE STRAINER FOR TILE APPLICATIONS. PROVIDE ASSE 1072 TRAP SEALER (ZURN 21072).
FD-2	FLOOR DRAIN - KITCHEN	3"	3"	2"	---	---	---	---	KITCHEN AREA DRAIN (J.R. SMITH #2005) WITH FLASHING COLLAR, ADJUSTABLE STRAINER HEAD & 7" ROUND NICKEL BRONZE STRAINER. PROVIDE SQUARE STRAINER FOR TILE APPLICATIONS. PROVIDE ASSE 1072 TRAP SEALER (ZURN 21072).
F5-1	FLOOR SINK	3"	3"	2"	---	---	---	---	CAST IRON FLOOR SINK WITH ACID RESISTANT COATED INTERIOR AND BOTTOM DOME STRAINER (J.R. SMITH 3140), 6" DEEP. COORDINATE 1/2 OR 3/4 GRATE WITH INDIRECT WASTE PIPING.
FCO	FLOOR CLEANOUT	see plan	see plan	---	---	---	---	---	FLOOR CLEANOUT WITH CAST IRON BODY AND ADJUSTABLE NICKEL BRONZE TOP (J.R. SMITH 4031). CLEANOUT SIZE SHALL MATCH LINE SIZE.
GCO	EXTERIOR GRADE CLEANOUT	see plan	see plan	---	---	---	---	---	HEAVY DUTY CLEANOUT FOR EXTERIOR APPLICATION (J.R. SMITH 4261). CAST IRON BODY WITH DOUBLE FLANGED HOUSING AND CAST IRON TOP.
AAV-1	AIR ADMITTANCE VALVE	---	---	see plan	---	---	---	---	STUDOR 'MINI VENT', MODEL 20301 OR 'MAXI VENT', MODEL 20302, IN ACCORDANCE WITH SIZE ON PLANS. INSTALL AT LEAST 4" ABOVE THE HORIZONTAL BRANCH DRAIN.
BFP-1	BACKFLOW PREVENTER (BEVERAGE EQUIPMENT)	---	---	---	1/2"	---	3/8"	---	BACKFLOW PREVENTER WITH DUAL CHECK VALVES, ATMOSPHERIC VENT AND INTEGRAL STRAINER, LEAD FREE. FOR 3/8" EQUIPMENT CONNECTIONS, PROVIDE WATTS 5D-3 (ASSE 1022). FOR 1/2" OR GREATER CONNECTION, PROVIDE WATTS LP009-QT (ASSE 1013).
MV-1	MIXING VALVE (POINT OF USE)	---	---	---	1/2"	1/2"	3/8"	3/8"	POINT-OF-USE THERMOSTATIC MIXING VALVE (LEONARD #170LF) WITH INTEGRAL INLET CHECK VALVES, TEMPERATURE ADJUSTMENT KNOB WITH LOCK SCREW, LEAD FREE. ASSE STANDARD 1070. MINIMUM FLOW 0.25 GPM, 5 PSI DROP @ 1.7 GPM.
WHA-X	WATER HAMMER ARRESTOR	---	---	---	see plan	---	see plan	---	WATER HAMMER ARRESTOR, ASSE 1010 (J.R. SMITH SERIES 5005-5050), 'X' IN 'WHA-X' REFERS TO PDI SIZE INDICATED ON DRAWINGS.
ET-1	POTABLE WATER EXPANSION TANK	---	---	---	3/4"	---	3/4"	---	LEAD-FREE POTABLE WATER EXPANSION TANK (WATTS PLS-5). 2.1 GALLONS TOTAL VOLUME, 0.8 GALLONS MAXIMUM ACCEPTANCE VOLUME. TANK SHALL BE PRE-CHARGED TO THE SYSTEM PRESSURE PRIOR TO INSTALLATION (CONTRACTOR TO FIELD-VERIFY).
WF-1	WALL MOUNTED WATER FILTER	---	---	---	see plan	---	see plan	---	PROVIDE DUAL PORT WALL-MOUNTED WATER FILTRATION SYSTEM (3M, 'DP390'). COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT.

PRIOR TO SUBMITTAL OR PURCHASE, THE PLUMBING CONTRACTOR SHALL VERIFY FIXTURE SPECIFICATIONS WITH ARCHITECT/OWNER.

INSTANTANEOUS GAS WATER HEATER SCHEDULE

MARK	INPUT	CAPACITY	SETPPOINT	EFFICIENCY	ELECTRICAL	BASIS
IWH-1	199,000 BTU	4.2 GPM @ 90° RISE	140°	96 %	120v CONTROL	RINNAI RUR199eN
IWH-2	199,000 BTU	4.2 GPM @ 90° RISE	140°	96 %	120v CONTROL	RINNAI RUR199eN
IWH-3	199,000 BTU	4.2 GPM @ 90° RISE	140°	96 %	120v CONTROL	RINNAI RUR199eN

NOTE: INCLUDE FACTORY SUPPLIED RECIRCULATION PUMP



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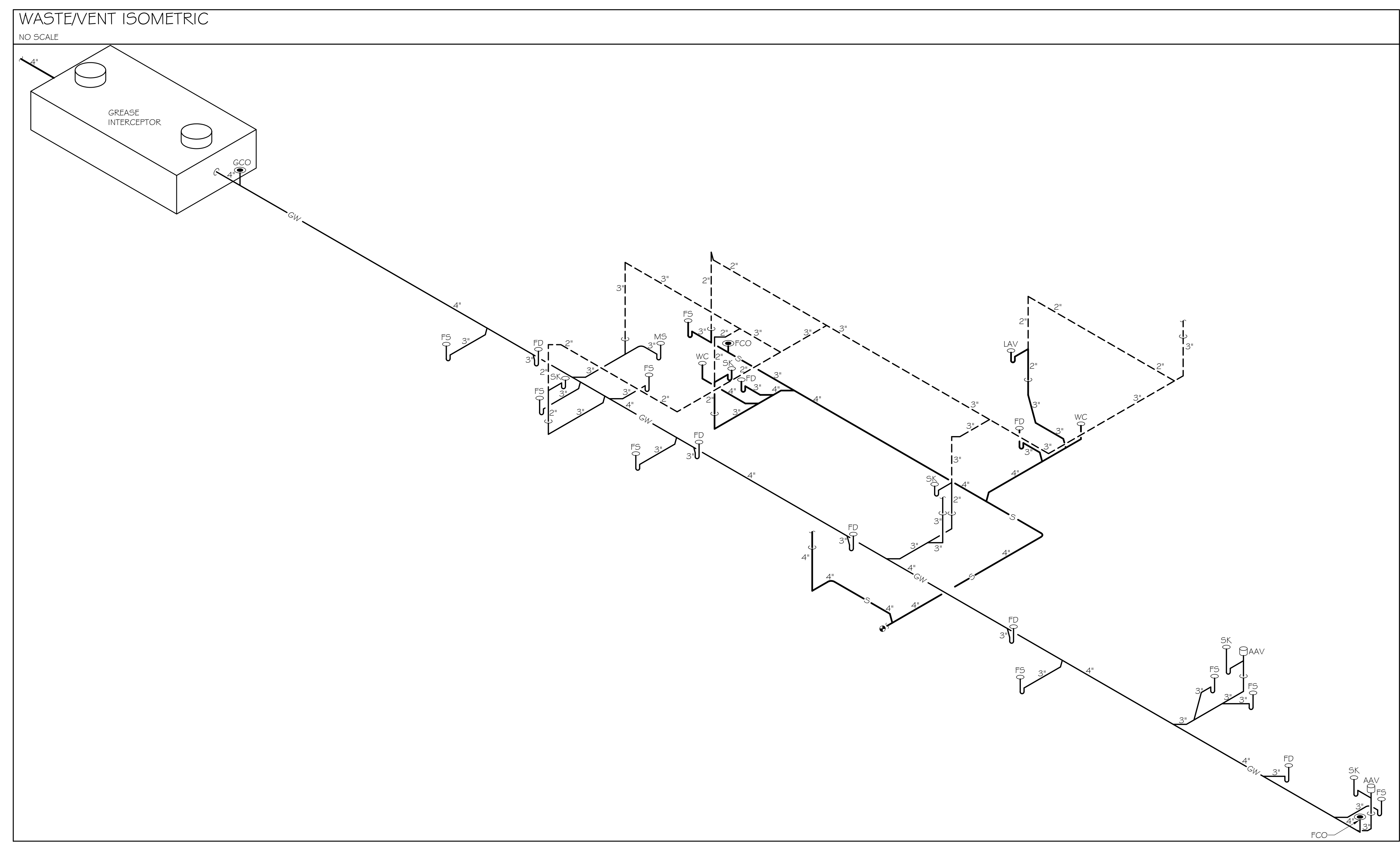
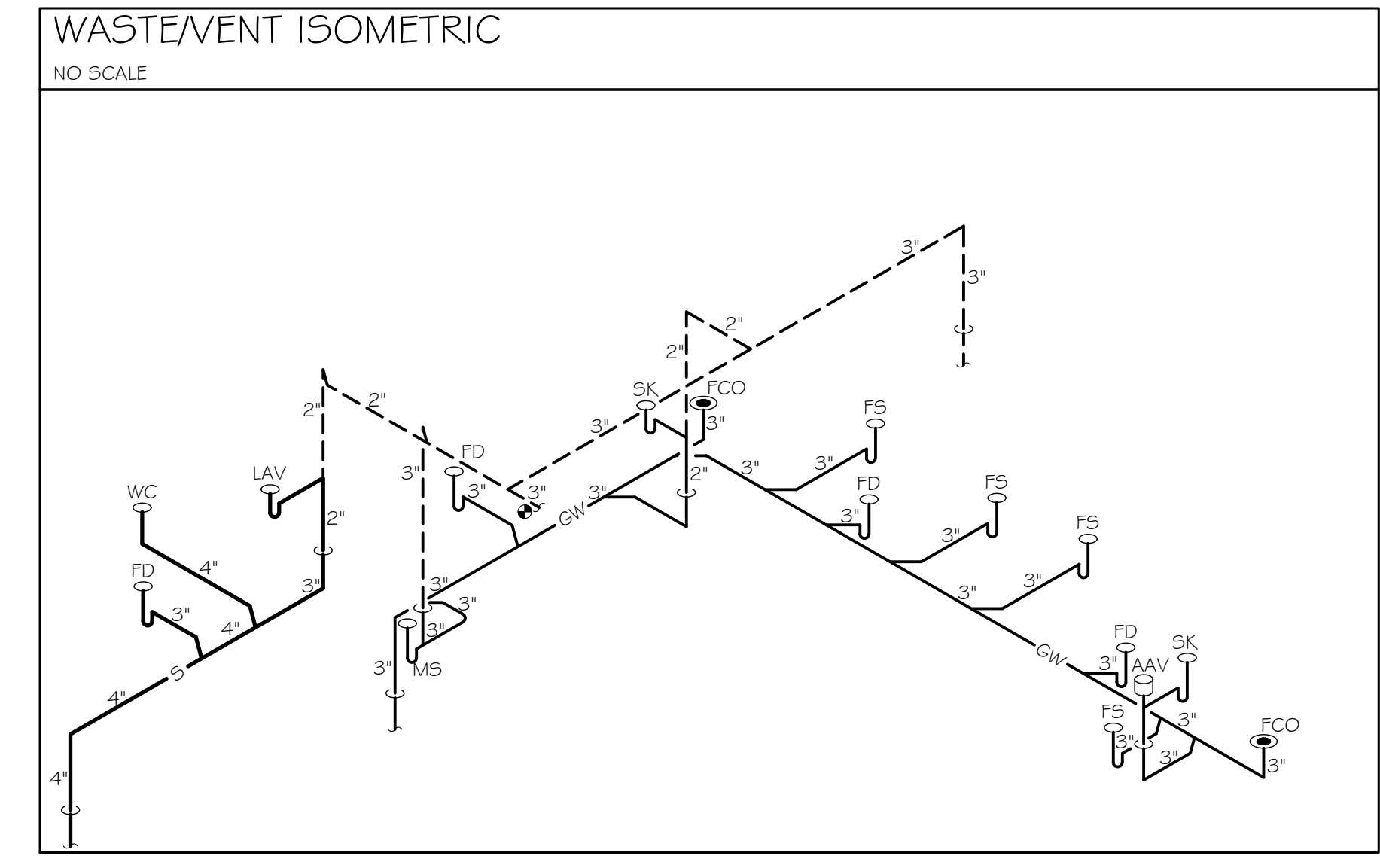
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SCHEDULES

P0.3



REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR
RENOVATION PLANS FOR

KIN NOTORI

8590 MAH STREET
WOODSTOCK, GEORGIA 30188

GEORGIA REGISTERED
No. 23998
PROFESSIONAL
ENGINEER
WAKE ROEGER

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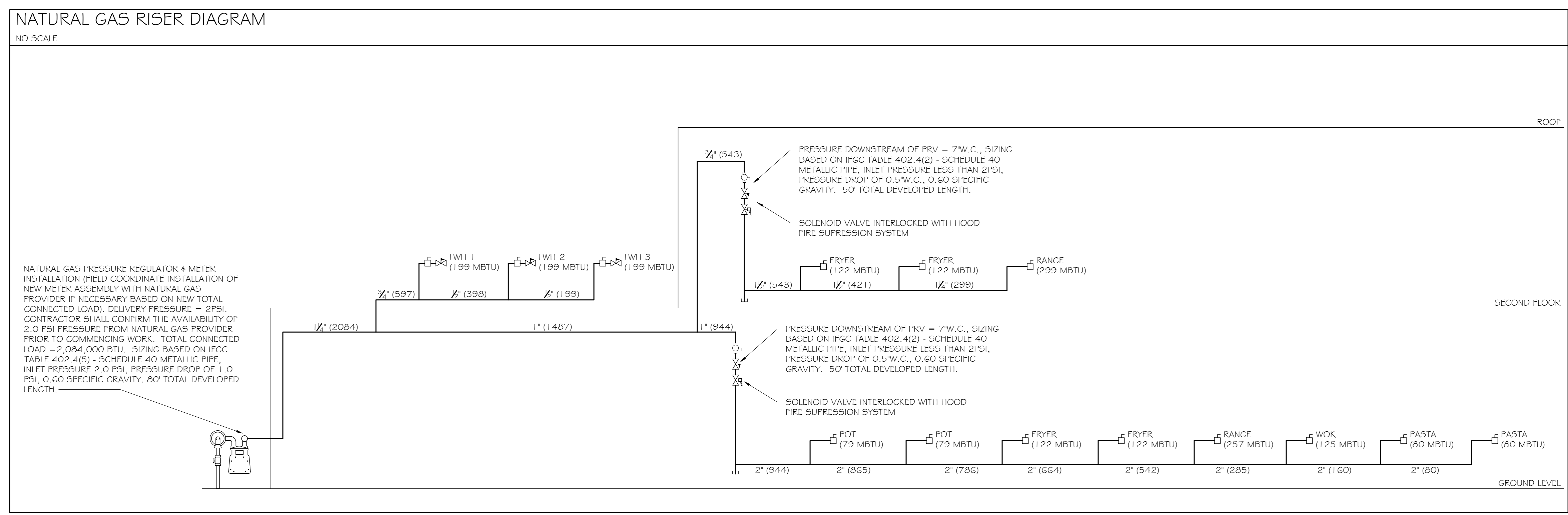
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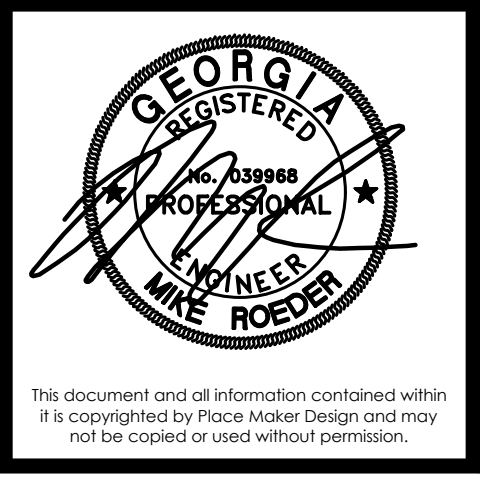


REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAH STREET
 WOODSTOCK, GEORGIA 30188



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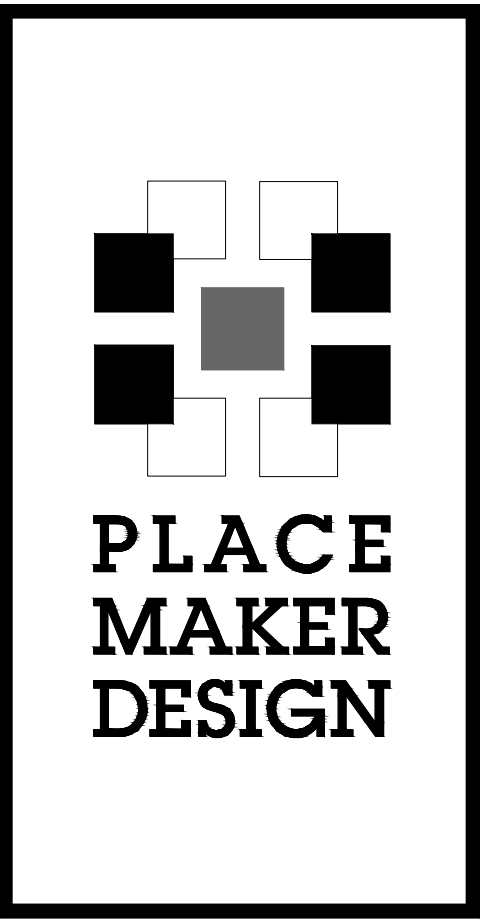
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RISER DIAGRAM

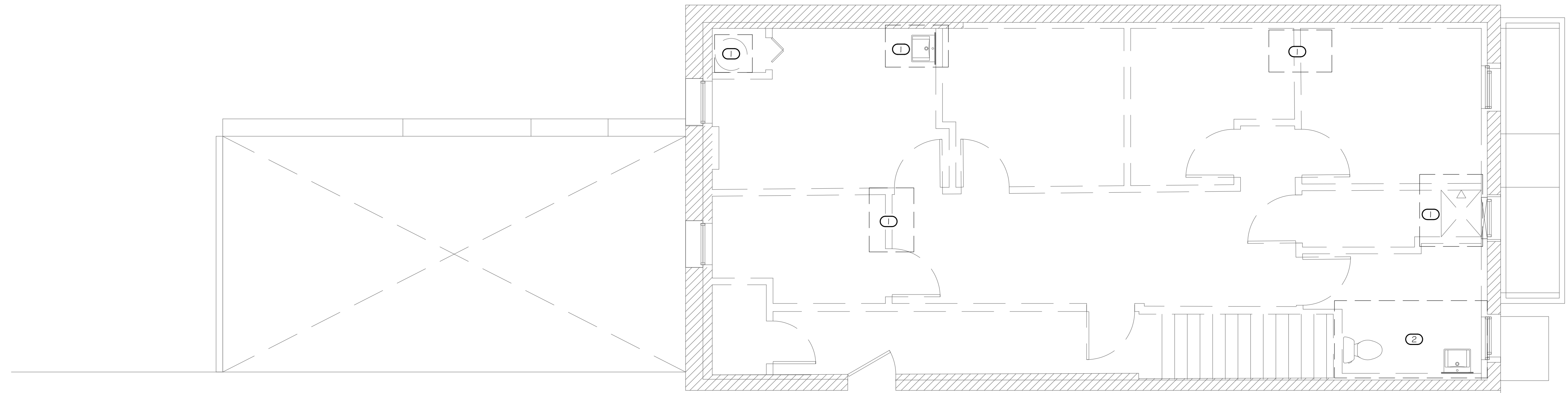
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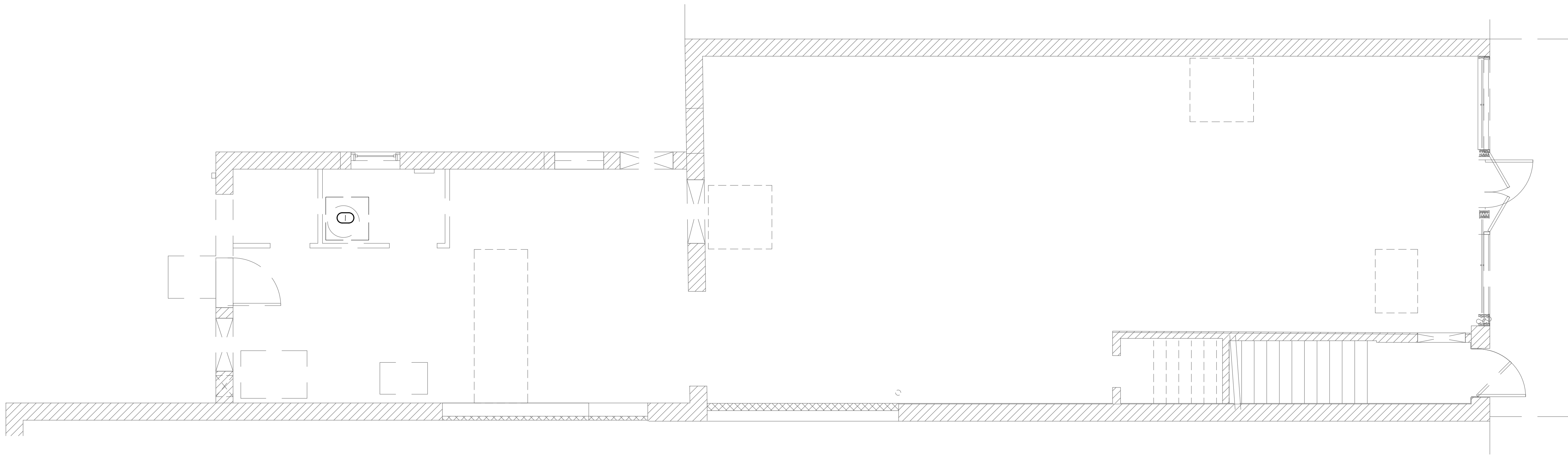
- DEMO KEYNOTES**
- ① DEMO EXISTING PLUMBING FIXTURE AND ASSOCIATED PIPING. CAP UNUSED PIPING BELOW FLOOR, IN WALL, OR ABOVE CEILING AS APPLICABLE. DEMO'D WATER PIPING SHALL BE REMOVED BACK TO MAIN TO ELIMINATE 'DEAD LEGS'.
 - ② DEMO EXISTING PLUMBING FIXTURES AND ASSOCIATED PIPING IN THIS AREA. CAP UNUSED PIPING BELOW FLOOR, IN WALL, OR ABOVE CEILING AS APPLICABLE. DEMO'D WATER PIPING SHALL BE REMOVED BACK TO MAIN TO ELIMINATE 'DEAD LEGS'.



REV #	DATE	DESCRIPTION



02 UPPER LEVEL DEMO PLAN
P1.0 SCALE: 1/4" = 1'-0"



01 MAIN LEVEL DEMO PLAN
P1.0 SCALE: 1/4" = 1'-0"

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA, 30188



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DEMO FLOOR PLANS

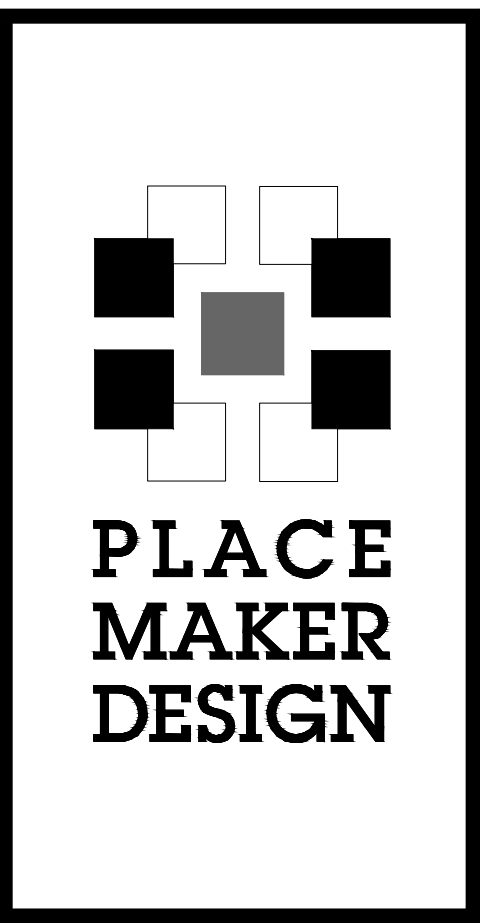
SHEET # **P1.0**

KITCHEN EQUIPMENT NOTES

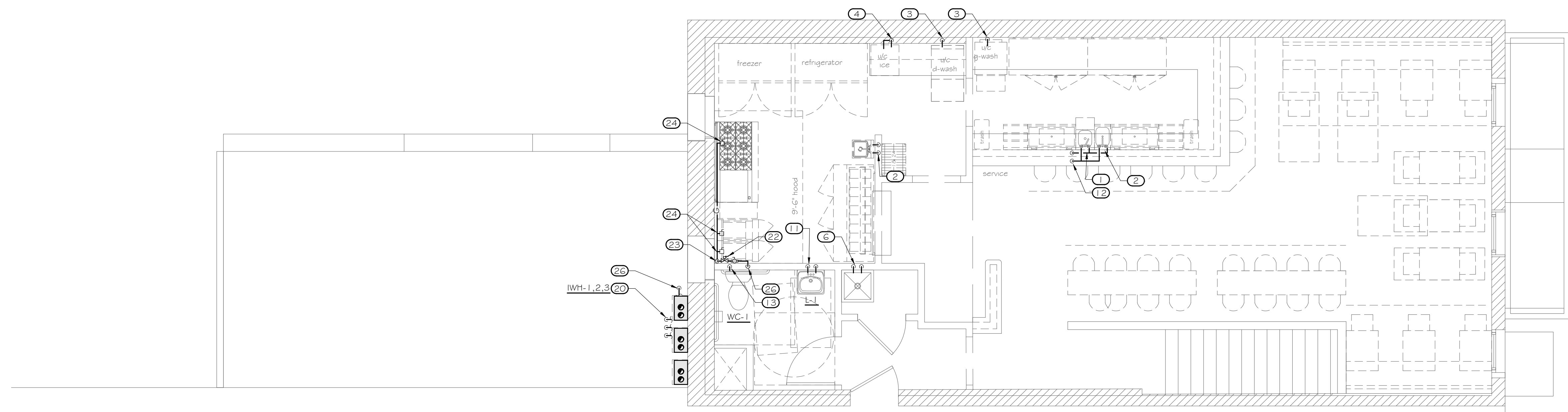
CONTRACTOR SHALL FULLY COORDINATE THE INSTALLED KITCHEN EQUIPMENT WITH THESE DRAWINGS AND THE KITCHEN DESIGN DRAWINGS (AS APPLICABLE) TO ENSURE THAT ALL KITCHEN EQUIPMENT IS PROVIDED WITH THE REQUIRED DRAINAGE, WATER & GAS CONNECTIONS. SHUTOFF VALVES SHALL BE PROVIDED FOR MAINTENANCE ON ALL WATER & GAS SUPPLIES TO FIXTURES & EQUIPMENT.

KEYNOTES

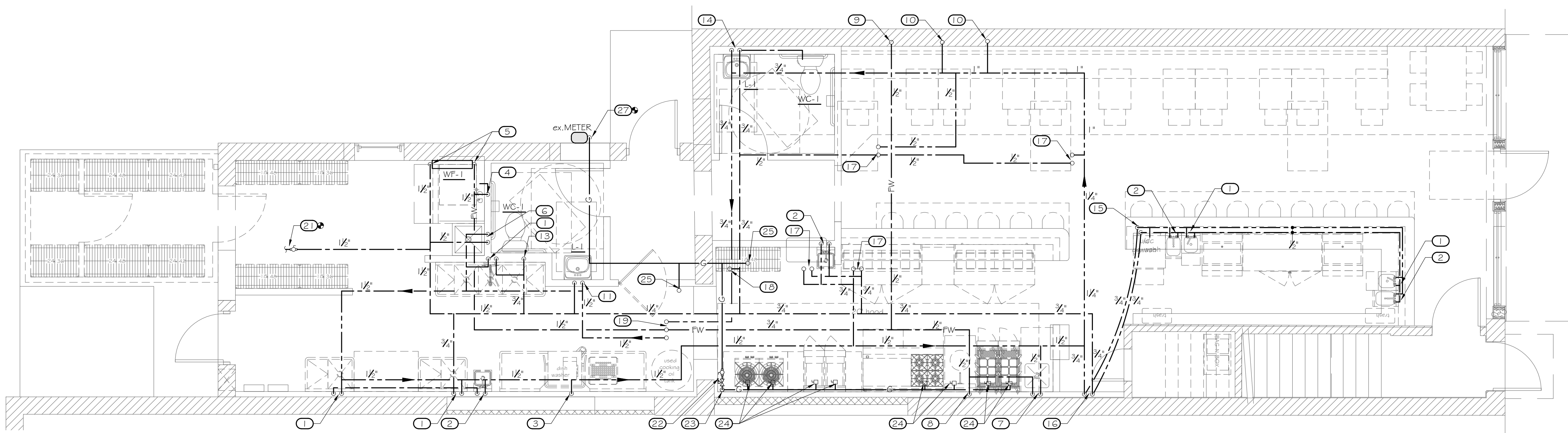
- ① 1/2" CW & 1/2" 140°HW TO FIXTURE
- ② 1/2" CW & 1/2" 140°HW TO FIXTURE, PROVIDE MIXING VALVE MV-1 TO TEMPER HW TO 110°
- ③ 1/2" 140°HW TO DISHWASHER WITH WATER HAMMER ARRESTOR WHA-A
- ④ 1/2" FW TO BEVERAGE EQUIPMENT, PROVIDE BACKFLOW PREVENTER BFP-1 AT FINAL CONNECTION
- ⑤ 1/2" FW & 1/2" CW DN TO WF-1
- ⑥ 1/2" CW & 1/2" 140°HW DN TO MOP SINK FAUCET WITH INTEGRAL VACUUM BREAKER
- ⑦ 1/2" FW & 1/2" HW DN
- ⑧ 1/2" FW DN
- ⑨ 1/2" FW UP
- ⑩ 1/2" HW UP
- ⑪ 1/2" CW & 1/2" HW DN
- ⑫ 1/2" CW & 1/2" HW DN & B/F
- ⑬ 1/2" CW DN
- ⑭ 3/4" CW & 3/4" HW DN
- ⑮ 3/4" CW & 3/4" HW DN & B/F
- ⑯ 3/4" CW & 3/4" HW DN
- ⑰ 1/2" CW & 1/2" HW UP
- ⑱ 1/2" CW UP
- ⑲ 1/2" FW, 3/4" HWR & 1/2" HW UP
- ⑳ 1/2" FW, 1/2" HW & 3/4" HWR UP FROM BELOW TO WALL MOUNTED TANKLESS WATER HEATERS, SEE DETAIL.
- ㉑ 1/2" CW A/C & CONNECT TO EXISTING WATER PIPING, FIELD VERIFY SIZE AND EXACT LOCATION.
- ㉒ NATURAL GAS TO MANUAL BALL VALVE AND SOLENOID OPERATED SHUTOFF VALVE. SOLENOID VALVE SHALL BE INTERLOCKED WITH HOOD FIRE SUPPRESSION SYSTEM TO CLOSE WHEN ACTIVATED. MOUNT VALVES BELOW CEILING AT AN ACCESSIBLE LOCATION.
- ㉓ GAS SUPPLY DN W/DIRT LEG & A/F TO GAS FIRED APPLIANCES
- ㉔ FULL CONNECTION SIZE, VALVED FLEXIBLE GAS CONNECTION FROM GAS HEADER TO GAS FIRED APPLIANCE (SEE DETAIL)
- ㉕ NATURAL GAS UP
- ㉖ NATURAL GAS DN
- ㉗ NATURAL GAS A/C & CONNECT TO EXISTING METER, FIELD VERIFY SIZE AND EXACT LOCATION.



REV #	DATE	DESCRIPTION



02 UPPER LEVEL FLOOR PLAN - WATER & GAS
P1.1 SCALE: 1/4" = 1'-0"



01 MAIN LEVEL FLOOR PLAN - WATER & GAS
P1.1 SCALE: 1/4" = 1'-0"

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188

GEORGIA REGISTERED PROFESSIONAL ENGINEER

NO. 039988

ENGINEER

MIKE ROEGER

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FLOOR PLANS - WATER & GAS

SHEET #

P1.1

KITCHEN EQUIPMENT NOTES

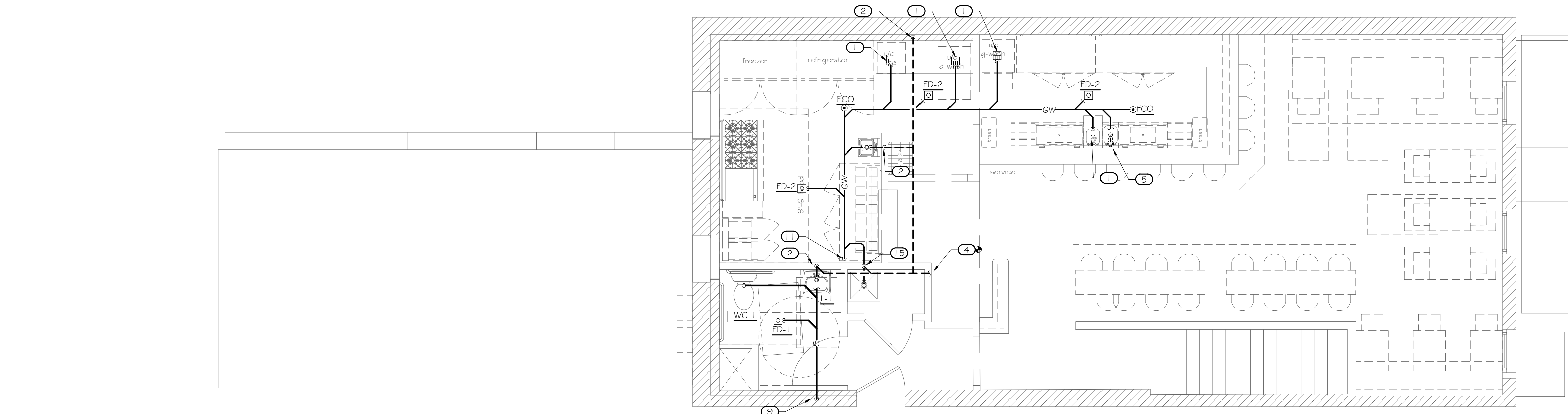
CONTRACTOR SHALL FULLY COORDINATE THE INSTALLED KITCHEN EQUIPMENT WITH THESE DRAWINGS AND THE KITCHEN DESIGN DRAWINGS (AS APPLICABLE) TO ENSURE THAT ALL KITCHEN EQUIPMENT IS PROVIDED WITH THE REQUIRED DRAINAGE CONNECTIONS.

KEYNOTES

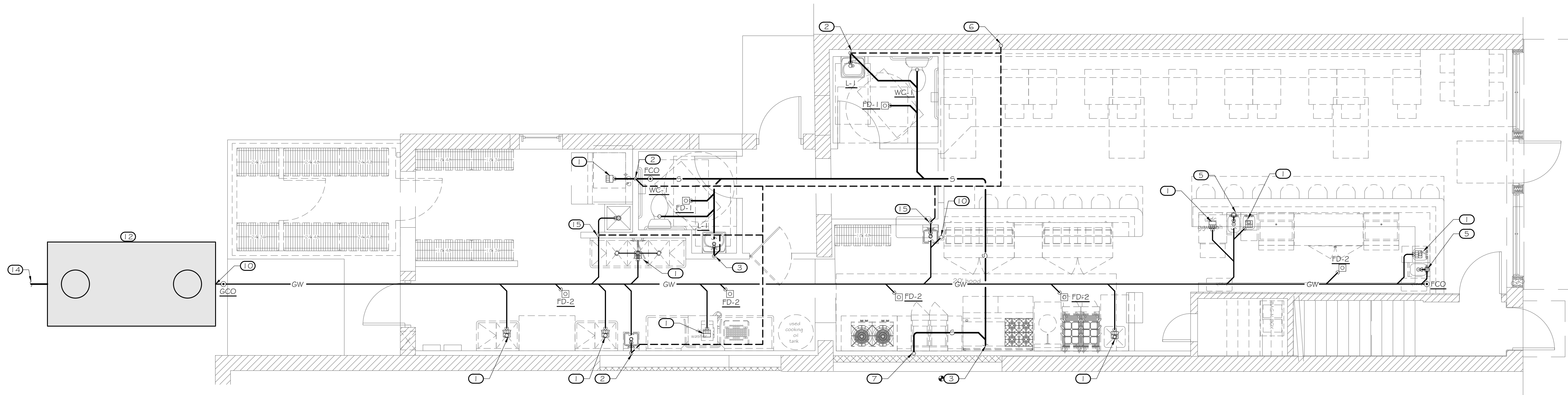
- 1 3" FLOOR SINK FS-1. DISCHARGE ALL NEARBY INDIRECT WASTE CONNECTIONS FULL SIZE W/ AIR GAP AT LEAST TWICE THE DIAMETER OF INDIRECT WASTE PIPE (SEE DETAIL). FIELD COORDINATE WITH INSTALLED EQUIPMENT.
- 2 2" V DN
- 3 4" S B/F # CONNECT TO EXISTING SANITARY PIPING IN BUILDING. FIELD VERIFY EXACT LOCATION, DEPTH AND DIRECTION OF FLOW PRIOR TO COMMENCING WORK.
- 4 3" V A/C # CONNECT TO EXISTING VENT PIPING. FIELD VERIFY EXACT LOCATION PRIOR TO COMMENCING WORK. PROVIDE NEW VENT THROUGH ROOF AS NECESSARY.
- 5 2" V UP TO AIR ADMITTANCE VALVE AAV-1. FIELD COORDINATE EXACT LOCATION WITH EQUIPMENT TO BE INSTALLED
- 6 2" V UP
- 7 4" S UP
- 8 4" S DN
- 9 3" GW UP
- 10 3" GW UP
- 11 3" GW DN
- 12 NEW 1500 GALLON PRECAST CONCRETE GREASE INTERCEPTOR MANUFACTURED BY OLDCASTLE, JENSEN, CREST OR EQUIVALENT BY LOCAL MANUFACTURER. INTERCEPTOR DESIGN AND MANUFACTURE SHALL BE AS REQUIRED BY LOCAL CODES, AND SHALL BE ENGINEERED TO WITHSTAND EARTH AND TRAFFIC LOADS. VERIFY SIZE AND SPECIFICATION WITH LOCAL AUTHORITY HAVING JURISDICTION.
- 13 4" GW B/G TO GREASE INTERCEPTOR. FIELD COORDINATE EXACT LOCATION.
- 14 4" S B/G, SEE CIVIL FOR CONT.
- 15 3" V DN



REV #	DATE	DESCRIPTION



02 UPPER LEVEL FLOOR PLAN - WASTE & VENT
P1.2 SCALE: 1/4" = 1'-0"



01 MAIN LEVEL FLOOR PLAN - WASTE & VENT
P1.2 SCALE: 1/4" = 1'-0"

INTERIOR AND EXTERIOR
RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188

GEORGIA REGISTERED PROFESSIONAL ENGINEER
No. A33988
MIKE ROEGER

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FLOOR PLANS - WASTE & VENT

SHEET #
P1.2

SPECIFICATIONS

GENERAL

CONTRACTOR SHALL REFER TO ALL RELATED DOCUMENTS, ARCHITECTURAL, STRUCTURAL, CIVIL AND MEP DRAWINGS, AND FULLY UNDERSTAND THE SCOPE OF WORK AND CONDITION OF CONSTRUCTION.

THE WORK UNDER THIS SPECIFICATIONS AND DRAWINGS SHALL INCLUDE ALL LABOR.

ALL INSTALLATION OF DEVICES AND CONNECTION OF CONDUCTORS SHALL BE PERFORMED BY LICENSED AND SKILLED ELECTRICIAN OR JOURNEYMAN.

ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE OWNER. IF ANY PORTION OF THE WORK IS FOUND UNSATISFACTORY BY THE OWNER, IT SHALL BE REMOVED AND REINSTALLED WITHOUT DELAY AT NO COST TO THE OWNER.

THE WORK INCLUDES, BUT NOT LIMITED TO:
THE COMPLETE ELECTRICAL DISTRIBUTION SYSTEM,
ROUGH-IN AND FINAL CONNECTIONS TO ALL DEVICES REQUIRING ELECTRICAL POWER, INCLUDING OWNER PROVIDED EQUIPMENT,
LIGHTING CONTROL
LIGHTING FIXTURES

EACH CONTRACTOR SHALL OBTAIN ALL PERMITS AND INSPECTIONS REQUIRED BY THE REGULATORY AUTHORITIES. ALL FEES RELATED TO OBTAINING PERMITS AND INSPECTION SHALL BE PAID FOR BY EACH CONTRACTOR IN HIS TRADE.

ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH LOCAL, COUNTY, STATE, AND NATIONAL ELECTRICAL CODE 2020, SPECIFICATIONS, UTILITY COMPANY REQUIREMENTS AND ALL INDUSTRY STANDARDS.

ANY DIFFERENCES IN ABOVE MENTIONED REQUIREMENTS, THE MOST STERN SHALL OVERRULE ALL OTHERS.

IN ADDITION TO ABOVE MENTIONED CODES AND SPECIFICATIONS, THE FOLLOWING INDUSTRY STANDARDS SHALL BE COMPLIED IF THEY ARE MORE STRINGENT.

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ASHRAE 90.1
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ADA

THE MANUFACTURER'S PUBLISHED DIRECTIONS SHALL BE FOLLOWED IN THE DELIVERY, STORAGE, PROTECTION, INSTALLATION AND WIRING OF ALL EQUIPMENT AND MATERIAL.

THE DRAWINGS SHOW DIAGRAMMATICALLY THE LOCATIONS OF THE VARIOUS LINES, CONDUITS, FIXTURES, AND EQUIPMENT AND THE METHOD OF CONNECTING AND CONTROLLING THEM. IT IS NOT INTENDED TO SHOW EVERY CONNECTION IN DETAIL AND ALL FITTINGS REQUIRED FOR A COMPLETE SYSTEM. THE SYSTEMS SHALL INCLUDE BUT ARE NOT LIMITED TO THE ITEMS SHOWN ON THE DRAWINGS. EXACT LOCATIONS OF THESE ITEMS SHALL BE DETERMINED BY REFERENCE TO THE GENERAL PLANS AND MEASUREMENTS AT THE BUILDING AND IN COOPERATION WITH THE OTHER SUBCONTRACTORS, AND IN ALL CASES, SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER. THE OWNER RESERVES THE RIGHT TO MAKE ANY REASONABLE CHANGE IN THE LOCATION OF ANY PART OF THIS WORK WITHOUT ADDITIONAL COST TO THE OWNER.

CONTRACTOR SHALL SEEK APPROVAL FROM THE OWNER FOR ANY CHANGES TO THE SPECIFICATIONS OR CONTRACT DOCUMENTS.

ANY EXCEPTIONS, INCONSISTENCIES AND CONFLICTS IN CONTRACT DOCUMENTS, SPECIFICATIONS AND CONTRACT DOCUMENTS BY OTHER TRADE SHALL BE BROUGHT TO ATTENTION TO THE OWNER PRIOR TO BID.

CONTRACTOR SHALL COORDINATE AND VERIFY THE WORK WITH EXISTING CONDITIONS AND THE WORK OF OTHER TRADE PRIOR TO ANY FABRICATIONS OR INSTALLATION. IF THE LAYOUT OF THE DEVICES ON DRAWINGS ARE IMPRACTICAL TO THE CONDITION IN FIELD, CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY PRIOR TO ANY FABRICATION OR INSTALLATION.

ELECTRICAL DEVICES ARE INDICATED ON DRAWINGS AT APPROXIMATE LOCATIONS. THE OWNER RESERVE THE RIGHT TO MAKE REASONABLE CHANGES IN LOCATIONS WITHOUT ADDITIONAL COSTS.

THE LINES INDICATING BRANCH CIRCUITS DO NOT REPRESENT THE ROUTING OF ELECTRICAL CONDUITS. THEY INDICATE THE LAYOUT AND CONTROL OF CIRCUITS.

PRODUCTS AND WORK

MATERIALS FURNISHED SHALL BE NEW AND BY STANDARD MANUFACTURERS AND MUST CONFORM TO THE NATIONAL BOARD OF FIRE UNDERWRITER'S REQUIREMENTS AND BEAR THE UNDERWRITER'S LABORATORIES' SEAL OF APPROVAL.

LISTED MANUFACTURERS, MODELS, OR CATALOGUE NUMBERS IN PART OR ALL SHALL ENTAIL TO INCLUDE THE PUBLISHED MANUFACTURER'S DESCRIPTION AND SPECIFICATION.

CONTRACTOR SHALL NOT INTERPRET THAT THE LISTED MANUFACTURERS IN SPECIFICATIONS OR DRAWINGS TO EXCLUDE ALL OTHER MANUFACTURERS.

CONTRACTOR SHALL MAKE CERTAIN THAT ALL EQUIPMENT FIT IN THE SPACE DESIGNATED AND DESIGNED FOR THE SURROUNDINGS IT OCCUPIES.

COMPLETE CATALOGUE ILLUSTRATION AND DESCRIPTIONS OF ALL EQUIPMENT SHALL BE SUBMITTED TO THE OWNER PRIOR TO ORDERING ANY EQUIPMENT.

ALL HORIZONTAL RUNS OF CONDUITS SHALL BE SUPPORTED BY MEANS OF APPROVED HANGER FROM THE STRUCTURAL CEILING.

COORDINATE THE WORK UNDER THIS SECTION WITH ALL OTHER TRADES.

CONDUITS AND RACEWAYS:

MANUFACTURERS: SQUARE D, B-LINE, ALLIED TUBE & CONDUIT, HOFFMAN, CARLON ELECTRICAL, WIREMOLD.

OUTDOORS EXPOSED: RIGID STEEL.
OUTDOORS CONCEALED ABOVE GROUND: RIGID STEEL.
OUTDOORS UNDERGROUND: TYPE EPC-40-PVC
OUTDOORS CONNECTION TO VIBRATING EQUIPMENT (INCLUDING TRANSFORMERS AND MOTOR DRIVEN EQUIPMENT): LFMC.
BOXES AND ENCLOSURES ABOVE GROUND: NEMA 3R UNLESS NOTED OTHERWISE ON PLANS.
INDOORS EXPOSED NOT SUBJECT TO PHYSICAL DAMAGE: EMT. INDOORS EXPOSED NOT SUBJECT TO SEVERE PHYSICAL DAMAGE: EMT.
INDOORS EXPOSED SUBJECT TO SEVERE PHYSICAL DAMAGE: RIGID STEEL CONDUIT.
INDOORS CONCEALED IN CEILINGS AND INTERIOR WALLS AND PARTITIONS: EMT.
INDOORS CONNECTION TO VIBRATING EQUIPMENT: FMC, EXCEPT USE LFMC IN DAMP OR WET LOCATIONS.
INDOORS DAMP OR WET LOCATIONS: IMC.
INDOORS LOW-VOLTAGE CABLES: EMT.

CONDUCTORS:

COPPER CONDUCTORS #10 AND SMALLER: LABELED PER UL 83, TYPE THHN/THWN, SOLID COPPER 600 VOLT INSULATION, UNIFORM COLOR CODED JACKET WITH JACKET DATA. METAL CLAD (TYPE MC) CABLE WHERE INSTALLED IN ACCORDANCE WITH NEC ARTICLE 330.

COPPER CONDUCTORS #8 OR LARGER: LABELED PER UL 83, TYPE THHN/THWN, STRANDED COPPER, 600VOLT INSULATION, UNIFORM COLOR CODED JACKET WITH JACKET DATA.

SPECIFICATIONS

CONDUCTORS (CONT):

ACCEPTABLE MANUFACTURERS OF CONDUCTORS:

PIRELLIE
SOUTHWIRE
AETNA
REPUBLIC
AFC
ENCORE WIRE
KERITE

CONTRACTOR MAY USE ALUMINUM CONDUCTORS FOR #4 AWG OR LARGER IN THE PLACE OF COPPER CONDUCTORS. CONTRACTOR SHALL REFER TO NEC TABLE 310-1G FOR EQUIVALENT AMPACITY AND SHALL COMPENSATE FOR VOLTAGE DROP.

CONTRACTOR SHALL MAKE ADEQUATE ADJUSTMENT TO CONDUIT SIZES INDICATED SHOULD ALTERNATIVE CONDUCTOR INSULATION OR MATERIAL BE UTILIZED.

MOLDED CASE CIRCUIT BREAKER:

INCLUDE SCHEDULE OF ALL FUSES, RATINGS, TIME COORDINATION DATA, MANUFACTURER'S STANDARD DATA AND TIME-CURRENT CURVES. ALL DATA SHALL BE BASED ON TEST OF STANDARD PRODUCTS.

APPROVED MANUFACTURERS:
GENERAL ELECTRIC
CUTLER HAMMER
SQUARE D
SIEMENS

THERMAL-MAGNETIC BOLT-IN TYPE CIRCUIT BREAKERS WITH QUICK-MAKE, QUICK-BREAK, CONTACTS; TRIP-FREE OPERATION WITH OVER-THE-CENTER TOGGLE HANDLE OR NON-REMOVABLE MONOLITHIC TIE-HANDLE.

MULTI-POLE BREAKERS SHALL HAVE INTERNAL COMMON TRIP AND COMMON RESET WITH A SINGLE TOGGLE HANDLE OR NON-REMOVABLE MONOLITHIC TIE-HANDLE.

TRIP RATINGS SHALL BE MOLDED ON THE HANDLE OR FACE OF BREAKER.

BREAKER TERMINALS SHALL BE RATED TO ACCOMMODATE A MINIMUM OF 75 DEGREE C. CONDUCTORS.

BREAKER SHALL BE RATED FOR MOUNTING AND OPERATION IN ANY POSITION; SHALL ACCOMMODATE AND MATCH THE TYPE OF TERMINATIONS REQUIRED.

SINGLE POLE BREAKERS RATED 15 AND 20 AMPERES SHALL BE UL LABELED AS "SWITCHING BREAKERS" AT THE APPLIED CIRCUIT VOLTAGE.

MULTI-POLE BREAKERS RATED 100 AMPERES AND LARGER SHALL BE MOLDED CASE THERMAL-MAGNETIC BOLT-IN TYPE BREAKER WITH ADJUSTABLE INSTANTANEOUS TRIP.

LIGHTING FIXTURE

SUBMITTAL:
SCHEDULE BY TYPE DESIGNATION ALL LIGHTING FIXTURES, EACH COMPLETE WITH DATA SHEET WITH COMPLETE PHYSICAL, ELECTRICAL AND LIGHTING CHARACTERISTICS, LAMP TYPE AND LAMP DATA.

REFER TO THE "LIGHTING FIXTURE SCHEDULE" IN THE DRAWINGS FOR INDIVIDUAL FIXTURE DESCRIPTIONS AND MANUFACTURER TYPES.

PROVIDE LAMPS FOR EACH FIXTURE OF QUANTITY, TYPE AND COLOR AS LISTED IN LIGHTING FIXTURE SCHEDULE. GE, SYLVANIA OR PHILIPS ARE ACCEPTABLE.

EACH LIGHTING FIXTURE SHALL BE UL LABELED FOR PROPER OPERATION IN THE TYPE OF CEILING CONSTRUCTION AND FOR THE MOUNTING ARRANGEMENT ONWHICH IT IS INSTALLED.

FIELD VERIFY ACTUAL CEILING SLOPE FOR FIXTURES INSTALLED IN SAME AND ACTUAL FIELD DIMENSIONS AND ANGLES OF CONSTRUCTION FOR ANY FIXTURE CONFORMING THE SHAPE AND LENGTH OF SAME, FOR COORDINATION OF FIXTURE CONSTRUCTION.

PANELBOARD

SUBMITTAL:
INCLUDE SCHEDULE OF EACH PANELBOARD WITH ALL DEVICES AND COMPLETE WITH PHYSICAL AND ELECTRICAL DATA AND WITH RATINGS FOR EACH COMPONENT INCLUDING BREAKER/FUSE OVERLAY CURVES.

LABELED PER UL #67 AND #50, CONFORM WITH NEMA #250 AND PB1, NFPA #70-364 AND 70-373.

ALL JUNCTION BOXES SHALL BE LABELED WITH PANEL AND CIRCUIT DESIGNATION.

PROVIDE TYPED CIRCUIT DIRECTORY WITH EACH CIRCUIT SERVING DEVICES AND AREA ITS SERVING.

APPROVED MANUFACTURERS:
GENERAL ELECTRIC
CUTLER HAMMER
SQUARE D
SIEMENS

LIGHTING CONTROL

TIME SWITCHES:
SOLID STATE, PROGRAMMABLE, WITH ALPHANUMERIC DISPLAY; COMPLYING WITH UL 917, 20-A BALLAST LOAD, 120/240VAC.

TWO ON-OFF SET POINTS ON A 24-HOUR SCHEDULE AND ANNUAL HOLIDAY SCHEDULE THAT OVERRIDES THE WEEKLY OPERATION ON HOLIDAYS.

ALLOW CONNECTION OF A PHOTOELECTRIC RELAY AS SUBSTITUTE FOR ON-OFF FUNCTION OF A PROGRAM.

BATTERY BACKUP FOR NOT LESS THAN SEVEN DAYS RESERVE TO MAINTAIN SCHEDULES AND TIME CLOCK.

INDOOR OCCUPANCY SENSORS:
WALL OR CEILING MOUNTED SOLID-STATE INDOOR OCCUPANCY SENSORS WITH A SEPARATE POWER PACK.

ADJUSTABLE TIME-DELAY OVER A RANGE OF 1 TO 30 MINUTES.

SENSOR OUTPUT: CONTACTS RATED TO OPERATE THE CONNECTED RELAY, COMPLYING WITH UL773A. SENSOR IS POWERED FROM POWER PACK.

POWER PACK: DRY CONTACTS RATED FOR 20-A BALLAST LOAD AT 120 OR 277 VAC. AUTOMATIC LIGHT-LEVEL SENSOR: ADJUSTABLE FROM 2 TO 200 FC (21.5 TO 2152 LUX); TURN LIGHTS OFF WHEN SELECTED LIGHTING LEVEL IS PRESENT.

DUAL SENSOR TYPE: DETECT OCCUPANCY AREA USING PIR (PASSIVE INFRA-RED) AND ULTRASONIC DETECTION METHOD.

GROUNDING AND BONDING

ALL GROUNDING AND BONDING SHALL CONFORM TO NEC ARTICLE 250.

COPPER WIRE OR CABLE INSULATED FOR 600V UNLESS REQUIRED BY APPLICABLE CODE OR AUTHORITIES HAVING JURISDICTION.

INSTALL SOLID CONDUCTOR FOR #8 AWG AND SMALLER AND STRANDED CONDUCTORS FOR #6 OR LARGER.

INSTALL INSULATED EQUIPMENT GROUNDING CONDUCTORS FOR ALL EQUIPMENT.

ELECTRICAL GENERAL NOTES

THE DESIGN OF THIS SET OF DOCUMENT IS BASED ON NEC 2020.

ELECTRICAL CONTRACTOR SHALL REFER TO ALL OTHER DESIGN DRAWINGS PRIOR TO BID AND RETAIN FULL UNDERSTANDING OF THE SCOPE OF WORK.

FIXTURE TYPE INDICATED BY UPPER CASE CHARACTERS, SWITCHING AND GROUPING DESIGNATED BY LOWER CASE LETTER AND CIRCUIT BY NUMBER (WHERE APPLICABLE).

REFER TO THE ARCHITECTURAL/INTERIORS REFLECTED CEILING PLANS FOR EXACT FIXTURE PLACEMENT AND DIMENSIONS.

REFER TO THE ARCHITECTURAL/INTERIORS DOCUMENTS FOR ACTUAL DEVICE LOCATIONS AND DIMENSIONS.

COORDINATE THE INSTALLATION OF ALL CEILING MOUNTED DEVICES (FIRE ALARM SYSTEM DEVICES AND SPEAKERS, SOUND SYSTEM SPEAKER, ETC.) TO BE SYMMETRICAL ABOUT LIGHT FIXTURES AND SPRINKLER HEADS. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN, TYPICAL.

ALL MOUNTING OF EQUIPMENT IS AS SHOWN UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECT THE COLOR/FINISHES OF ALL ELECTRICAL DEVICES, OUTLETS, COVERPLATES AND TRIM.

EMERGENCY BATTERY PACKS AND EXIT SIGNS SHALL BE CONNECTED AHEAD OF ANY SWITCHING DEVICES.

REFER TO MECHANICAL DRAWINGS FOR DUCT SMOKE DETECTOR LOCATIONS AND QUANTITIES OPERATION SHALL INCLUDE DUAL CONTACT BASE WITH LOCAL EQUIPMENT SHUTDOWN AND FIRE ALARM SIGNAL INITIATION.

WHEN CONDUCTOR OR CONDUIT SIZE IS INDICATED FOR BRANCH CIRCUIT HOME RUN, THE CONDUCTOR AND CONDUIT SIZE INDICATED SHALL BE USED FOR THE COMPLETE CIRCUIT.

REFER TO THE APPROPRIATE DRAWINGS FOR THE EXACT LOCATION AND REQUIREMENTS OF EQUIPMENT INSTALLED UNDER OTHER DIVISIONS OF THE DOCUMENTS, WHICH REQUIRE ELECTRICAL SERVICE.

EQUIPMENT GROUNDING CONDUCTORS SHALL BE INSTALLED IN ALL RACEWAYS.

WALL SWITCHES CONTROLLING CIRCUITS OF OPPOSITE PHASES SHALL NOT BE INSTALLED IN COMMON BOX UNLESS PERMANENT BARRIER IS PROVIDED.

ALL HOME RUNS SHALL RUN PARALLEL TO STRUCTURE AS MUCH AS POSSIBLE WHERE CEILING IS EXPOSED.

ALL RACEWAY AND EQUIPMENT SUPPORTS AND HANGERS SHALL BE FULLY COORDINATED WITH STRUCTURAL DRAWINGS TO INSURE LOCATION OF SAME OCCURS WITHIN FOUR (4) INCHES OF PANEL POINT ON BAK JOISTS.

COORDINATE LOCATION OF ALL FLOOR MOUNTED MECHANICAL AND PLUMBING EQUIPMENT IN ORDER TO VERIFY POWER & CONTROL RACEWAY CONCEALED IN SLABS TERMINATED AT PROPER LOCATION.

DISCONNECT SWITCHES, MOTOR STARTERS AND OTHER ELECTRICAL EQUIPMENT INSTALLED ABOVE ACCESSIBLE CEILINGS, AND REQUIRING ACCESS FOR MAINTENANCE, SHALL BE INSTALLED WITH BOTTOM OF DEVICE ONE (1) FOOT ABOVE CEILING TO PROVIDE READY ACCESSIBILITY.

MECHANICAL, PLUMBING, FIRE PROTECTION AND OTHER EQUIPMENT ARE SHOWN ON FLOOR PLAN IN APPROXIMATE LOCATION. COORDINATE WITH M, P, FF AND CONTRACT DRAWINGS/SUBMITTALS FOR EXACT LOCATION OF EQUIPMENT.

GENERAL DIAGRAMMATIC RACEWAY INTERCONNECTIONS OF EQUIPMENT, FIXTURES AND DEVICES ARE INDICATED ON FLOOR AND REFLECTED CEILING PLANS, REFER TO STRUCTURAL AND ARCHITECTURAL PLANS FOR ELEVATION CHANGES AND RACEWAY ROUTES.

RACEWAY FOR EXTERIOR LIGHTING MAY BE INDICATED OUTSIDE OF BUILDING FOOTPRINT FOR CLARITY. ROUTE ALL EXTERIOR LIGHTING RACEWAY WITHIN BUILDING STRUCTURE.

POWER AND COMMUNICATIONS/DATA CONDUITS CAN CROSS AT 90°, BUT WHERE PARALLEL, SHALL BE A MINIMUM OF 8" APART.

PROVIDE SURGE PROTECTION FOR ELECTRICAL AND TELEPHONE SERVICES.

PROVIDE TVSS FOR FIRE ALARM CONTROL PANEL.

FIELD COORDINATE MECHANICAL AND PLUMBING EQUIPMENT ELECTRICAL CHARACTERISTICS WITH DIV.15 CONTRACTOR PRIOR TO ROUGH-IN. ADJUST ELECTRICAL CONNECTIONS IF NECESSARY TO MATCH ACTUAL EQUIPMENT IN FIELD. FOR EXAMPLE, COORDINATE THE NAMEPLATE OVERCURRENT PROTECTION DEVICE RATING OF MECHANICAL EQUIPMENT AMONG MECHANICAL AND ELECTRICAL SUBCONTRACTORS. ADJUST CIRCUIT BREAKER TO MATCH NAMEPLATE RATING OF EQUIPMENT AT NO ADDITIONAL COST.

FIELD COORDINATE MECHANICAL AND PLUMBING EQUIPMENT REQUIREMENTS FOR ANY SUPPLEMENTAL POWER REQUIREMENTS, INCLUDING BUT NOT LIMITED TO CONTROL CIRCUITS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BRING ALL EQUIPMENT TO ITS INTENDED OPERATIONAL STATUS.

REFER TO FIRE PROTECTION DRAWINGS FOR LOCATIONS OF FLOW AND TAMPER SWITCHES.

EACH PENETRATION OF A FIRE RESISTANT RATED ASSEMBLY BY A PIPE, TUBE WIRE OR CONDUIT SHALL BE PROTECTED BY A THROUGH PENETRATION FIRE STOP SYSTEM THAT HAS BEEN TESTED ACCORDING TO ASTM E 814 OR E 199.

ELECTRIC RECEPTACLES, SWITCHES, OUTLETS, ETC. SHALL NOT BE INSTALLED BACK TO BACK ON FIRE RESISTANCE RATED WALLS. THEY SHALL BE AT LEAST 24-INCHES APART.

LIGHT SWITCHES AND ELECTRICAL OUTLETS, LOCATED IN ROOMS ACCESSIBLE TO THE DISABLED SHALL BE LOCATED NO HIGHER THAN 48 INCHES AND NO LOWER THAN 15 INCHES ABOVE THE FINISHED FLOOR SURFACE. IF THE REACH OR THE CONTROL IS OVER AN OBSTRUCTION, THE MINIMUM HEIGHT SHALL BE REACHED TO 44 INCHES FOR A FORWARD APPROACH OR 46 INCHES FOR A SIDE APPROACH.

REFER TO LOW VOLTAGE CONSULTANT'S DRAWINGS FOR VOICE, DATA AND CATV OUTLET LOCATIONS. REFER TO LV CONSULTANT'S DRAWINGS FOR ANY ADDITIONAL INFORMATION.

CONNECT ALL EXIT SIGNS TO NEAREST UNSWITCHED PORTION OF THE LIGHTING CIRCUIT IN THE AREA.

ELECTRICAL BOXES INSTALLED IN FIRE RATED WALLS SHALL MAINTAIN THE INTEGRITY OF THE RATED WALL.

SUPPORT ALL VERTICAL RACEWAY PER NEC TABLE 300.19(A).

MAKE ELECTRICAL CONNECTIONS TO ELECTRIC WATER COOLERS FROM GFCI PROTECTED OUTLET IN WALL BEHIND COOLER HOUSING. THE OUTLET AND CORD SHALL NOT BE VISIBLE FROM PUBLIC VIEW.




































COORDINATE WITH CUTSHEETS OF ALL EQUIPMENT TO BE INSTALLED AND PROVIDE ADDITIONAL CIRCUITS FOR CONTROLS IF REQUIRED BY MANUFACTURER.

FINAL COLOR, FINISH AND OTHER AESTHETIC PORTIONS OF ALL DEVICES SHALL BE COORDINATED WITH ARCHITECT OR OWNER'S REPRESENTATIVE. THIS SET OF DRAWINGS DOES NOT SUPERCEDE ARCHITECTURAL OR INTERIOR DOCUMENTS.

ALL EXPOSED HORIZONTAL RUNS OF CONDUITS SHALL BE EITHER PARALLEL OR PERPENDICULAR TO EXTERIOR WALLS.

PROVIDE PLENUM RATED CABLES IF THE CABLES ARE EXPOSED AND ROUTED THROUGH PLENUM.

LEGEND

SYMBOLS	DESCRIPTION	TYPICAL MOUNTING HEIGHT UNLESS NOTED OTHERWISE
	DUPLEX RECEPTACLE, 120V, 20A, NEMA 5-20R	18" AFF
	DUPLEX RECEPTACLE, 120V, 20A, NEMA 5-20R	42" AFF OR 6" ABOVE COUNTER TOP
	QUADPLEX RECEPTACLE, 120V, 20A, NEMA 5-20R	18" AFF
	QUADPLEX RECEPTACLE, 120V, 20A, NEMA 5-20R	42" AFF OR 6" ABOVE COUNTER TOP
	DUPLEX RECEPTACLE, 120V, 20A, NEMA 5-20R	FLUSH WITH FINISHED FLOOR
	DUPLEX RECEPTACLE, 120V, 20A, NEMA 5-20R	IN CEILING
	SPECIAL RECEPTACLE, CONFIGURATION AND ELECTRICAL CHARACTERISTIC AS NOTED ON DWG	18" AFF
	JUNCTION BOX FLUSH IN WALL WITH COVER, SIZE PER NEC.	18" AFF
	JUNCTION BOX FLUSH IN CEILING WITH COVER, SIZE PER NEC.	IN CEILING
	JUNCTION BOX FLUSH IN FINISHED FLOOR WITH COVER, SIZE PER NEC.	FLUSH WITH FINISHED FLOOR
	SWITCH	42" AFF
	SWITCH - 3 WAY	42" AFF
	SWITCH - WALL MTD, INTEGRAL OCCUPANCY SENSOR	42" AFF
	SWITCH - WALL MTD, LOW VOLTAGE, PILOT LIGHT	42" AFF
	SWITCH - WALL MTD, DIMMING	42" AFF
	SWITCH - CEILING MOUNTED OCCUPANCY SENSOR	IN CEILING
	TELEPHONE OUTLET	18" AFF
	TELEPHONE OUTLET, SUBSCRIPT: F - FIREMAN'S PHONE, H - HOUSE PHONE, P - PAY PHONE	42" AFF OR 6" ABOVE COUNTER TOP
	TELEPHONE / DATA COMBINATION OUTLET	18" AFF
	TELEPHONE / DATA COMBINATION OUTLET	FLUSH WITH FINISHED FLOOR
	TELEPHONE / DATA COMBINATION OUTLET	42" AFF OR 6" ABOVE COUNTER TOP
	DATA OUTLET	18" AFF
	DATA OUTLET	42" AFF OR 6" ABOVE COUNTER TOP
	DISCONNECT SWITCH, SUBSCRIPT: AMP / # OF POLES / ENCLOSURE	AS INDICATED ON DWG
	FUSED DISCONNECT SWITCH, SUBSCRIPT: AMP / # OF POLES / ENCLOSURE / FUSE	AS INDICATED ON DWG
	ELECTRICAL PANELBOARD. REFER TO PANELBOARD SCHEDULE.	SURFACE MOUNTED ON WALL
	EQUIPMENT AS NOTED ON DRAWING.	SURFACE MOUNTED ON WALL
	MOTOR	
	HOME RUN WITH WIRE TICKS, XX - PANEL DESIGNATION, # - CIRCUIT DESIGNATION, WIRE TICKS - (1) NEUTRAL , (3) HOT III # (1) GROUND	
	SMOKE DETECTOR, CEILING / WALL MOUNTED	
	HEAT DETECTOR, CEILING/WALL MOUNTED	
	FIRE ALARM NOTIFICATION DEVICE, AUDIO AND VISUAL.	80" AFF
	FIRE ALARM NOTIFICATION DEVICE, AUDIO.	80" AFF
	FIRE ALARM NOTIFICATION DEVICE, VISUAL.	80" AFF
	FIRE ALARM INITIATION DEVICE, PULL STATION.	42" AFF

ABBREVIATIONS

AC	6" ABOVE COUNTER SPACE OR 42" AFF	IG	ISOLATED GROUND
AF	AMP FUSE	ISC	SHORT CIRCUIT CURRENT
AFF	ABOVE FINISHED FLOOR	LTG	LIGHTING
AL	ALUMINUM	N	NEUTRAL
BKR	BREAKER	NL	NIGHT LIGHT
CND	CONDUIT	NEC	NATIONAL ELECTRICAL CODE
CONN	CONNECTED OR CONNECTION	PNL	PANEL
CU	COPPER	RECPT	RECEPTACLE
ELEC	ELECTRICAL	TEL	TELEPHONE
FACP	FIRE ALARM CONTROL PANEL	TTB	TELEPHONE TERMINAL BOARD
FAA	FIRE ALARM ANNUNCIATOR PANEL	TYP	TYPICAL
G OR GRND	GROUND	WP	WEATHERPROOF
GFCI OR GF	GROUND FAULT CIRCUIT INTERRUPTER	XFMR	TRANSFORMER



REV #	DATE	DESCRIPTION



PLACE MAKER DESIGN
280 INTERSTATE NORTH CIRCLE SE SUITE 510
ATLANTA, GEORGIA 30339
404.549.4499

ISSUE DATE: 08/24/2023
DRAWN BY: E
CHECKED BY: BA
P&D PROJ #: 23031

SHEET TITLE: GENERAL

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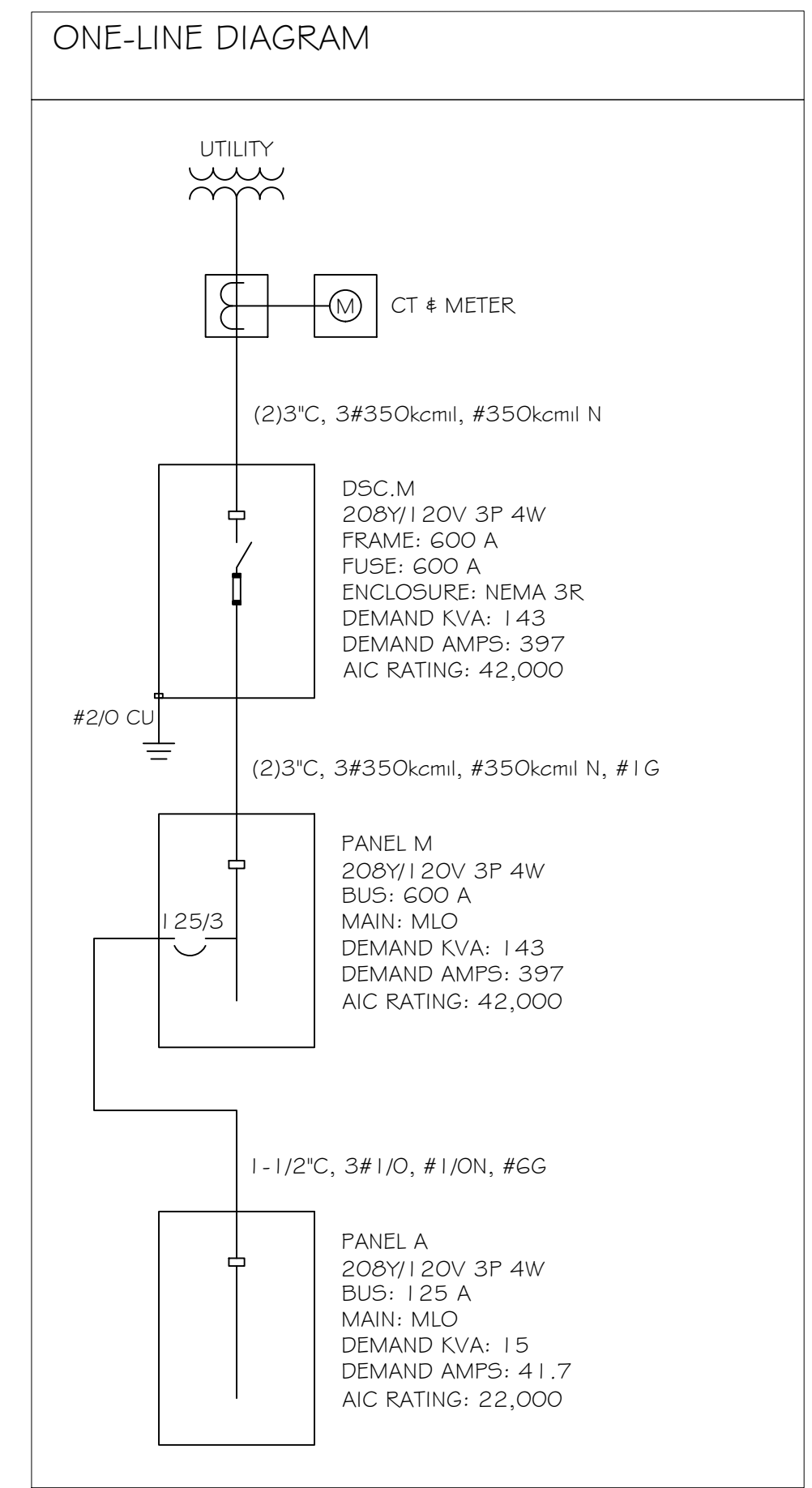


Panel M		ROOM MOUNTING RECESSED	VOLTS 208Y/120V 3P 4W	AIC 42,000			
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.6	2ND FLR HOOD CTRL	a 2	125/3	14.5	PANEL A
3	20/1	1.2	2ND FLR REACH-IN FREEZER	b 4			
5	20/1	0.6	2ND FLR REACH-IN REFRIGERATOR	c 6			
7	15/1	0.7	2ND FLR ICE MAKER UNDERCOUNTER	a 8	20/2	1.8	WALK-IN COOLER COND.
9	30/2	5.4	2ND FLR DISHWASHER UNDERCOUNTER	b 10			
11				c 12	20/1	0.6	WALK-IN COOLER
13	40/2	6.7	2ND FLR GLASS WASHER	a 14	20/2	1.2	WALK-IN FREEZER COND.
15				b 16			
17	15/1	0.3	2ND FLR BACK BAR COOLER	c 18	20/1	0.8	WALK-IN FREEZER EVA.
19	15/1	0.3	2ND FLR BACK BAR COOLER	a 20	20/1	0.6	WALK-IN FREEZER
21	15/1	0.3	BACK BAR COOLER	b 22	20/1	1.2	WALK-IN COOLER EVA.
23	40/2	6.7	GLASS WASHER	c 24	20/3	4.6	ICE MAKER W/ BIN
25				a 26			
27	15/1	0.9	SANDWICH PREP TABLE	b 28			
29	15/1	0.9	SANDWICH PREP TABLE	c 30	15/3	3.5	KSF-1
31	20/1	0.6	HOOD CTRL	a 32			
33	15/1	1.4	DISHWASHER	b 34			
35	60/2	13.0	FCU-2	c 36	25/3	5.9	KEF-2
37				a 38			
39	110/3	38.5	RTU-1	b 40			
41				c 42	15/3	2.2	KSF-2
43				a 44			
45	30/2	4.1	HP-1	b 46			
47				c 48	20/3	4.8	KEF-1
49	50/2	6.7	HP-2	a 50			
51				b 52			
53	20/2	2.9	MFCU-1, MHP-1	c 54	20/1	0.0	SPACE
55				a 56	20/1	0.0	SPACE
57	30/2	4.0	MFCU-2, MHP-2	b 58	20/1	0.0	SPACE
59				c 60	20/1	0.0	SPACE
61	60/2	8.7	FCU-1	a 62	20/1	0.0	SPACE
63				b 64	20/1	0.0	SPACE
65	20/1	0.0	SPACE	c 66	20/1	0.0	SPACE

	CONN KVA	CALC KVA	(%)	RECEPTACLES	CONN KVA	CALC KVA	(%)
LIGHTING	1.8	2.2	(125%)	10.0	10.0	(50% > 10)	
LARGEST MOTOR	38.5	9.6	(25%)	KITCHEN EQUIPMENT	37.4	24.3	(65%)
MOTORS	77.1	77.1	(100%)	NONCONTINUOUS	1.0	1.0	(100%)
				HEATING	18.8	18.8	(100%)
				TOTAL LOAD		143.0	
				BALANCED 3-PHASE LOAD		396.8	
				PHASE A		105%	
				PHASE B		101%	
				PHASE C		94%	

Panel A		ROOM MOUNTING RECESSED	VOLTS 208Y/120V 3P 4W	AIC 22,000			
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.2	BOH LIGHTING	a 2	20/1	0.9	BAR RECEPTACLE
3	20/1	0.3	RSTRM/HALL EF-A, LIGHTING	b 4	20/1	0.2	BAR RECEPTACLE
5	20/1	0.3	BAR LIGHTING	c 6	20/1	0.2	BAR POS RECEPTACLE
7	20/1	0.4	FOH LIGHTING	a 8	20/1	0.7	PREP/OFFICE/STAIR RECEPTACLE
9	20/1	0.1	LED STRIP LIGHTING	b 10	20/1	0.5	RSTRM/HALL RECEPTACLE
11	20/1	0.0	EXTERIOR LIGHTING	c 12	20/1	0.9	RECEPTACLE
13	20/1	0.2	2ND FLR DINING LIGHTING	a 14	20/1	0.4	RECEPTACLE
15	20/1	0.1	2ND FLR DINING STRIP LIGHTING	b 16	20/1	0.7	DINING RECEPTACLE
17	20/1	0.0	2ND FLR BAR LIGHTING	c 18	20/1	0.9	2ND FLR DINING RECEPTACLE
19	20/1	0.1	2ND FLR BAR STRIP LIGHTING	a 20	20/1	0.2	2ND FLR BAR POS RECEPTACLE
21	20/1	0.2	2ND FLR RSTRM/HALL EF-A, LIGHTING	b 22	20/1	0.5	2ND FLR BAR RECEPTACLE
23	20/1	0.1	2ND FLR BOH LIGHTING	c 24	20/1	0.2	2ND FLR GREET POS RECEPTACLE
25	15/1	0.5	IWH-1	a 26	20/1	0.2	2ND FLR EXPO POS RECEPTACLE
27	15/1	0.5	IWH-2	b 28	20/1	0.5	2ND FLR GREET/EXPO RECEPTACLE
29	15/1	0.5	IWH-3	c 30	20/1	0.4	2ND FLR MOP/RSTRM RECEPTACLE
31	20/1	0.2	RECEPTACLE	a 32	20/1	1.0	TEL BACKBOARD
33	20/1	1.2	SIGN	b 34	20/1	0.0	SPACE
35	20/1	1.2	SIGN	c 36	20/1	0.0	SPACE
37	20/1	0.0	SPACE	a 38	20/1	0.0	SPACE
39	20/1	0.0	SPACE	b 40	20/1	0.0	SPACE
41	20/1	0.0	SPACE	c 42	20/1	0.0	SPACE

	CONN KVA	CALC KVA	(%)	MOTORS	CONN KVA	CALC KVA	(%)
LIGHTING	1.8	2.2	(125%)	1.7	1.7	(100%)	
LARGEST MOTOR	0.5	0.1	(25%)	RECEPTACLES	10.0	10.0	(50% > 10)
				NONCONTINUOUS	1.0	1.0	(100%)
				TOTAL LOAD		15.0	
				BALANCED 3-PHASE LOAD		41.7	
				PHASE A		102%	
				PHASE B		102%	
				PHASE C		96.3%	



REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

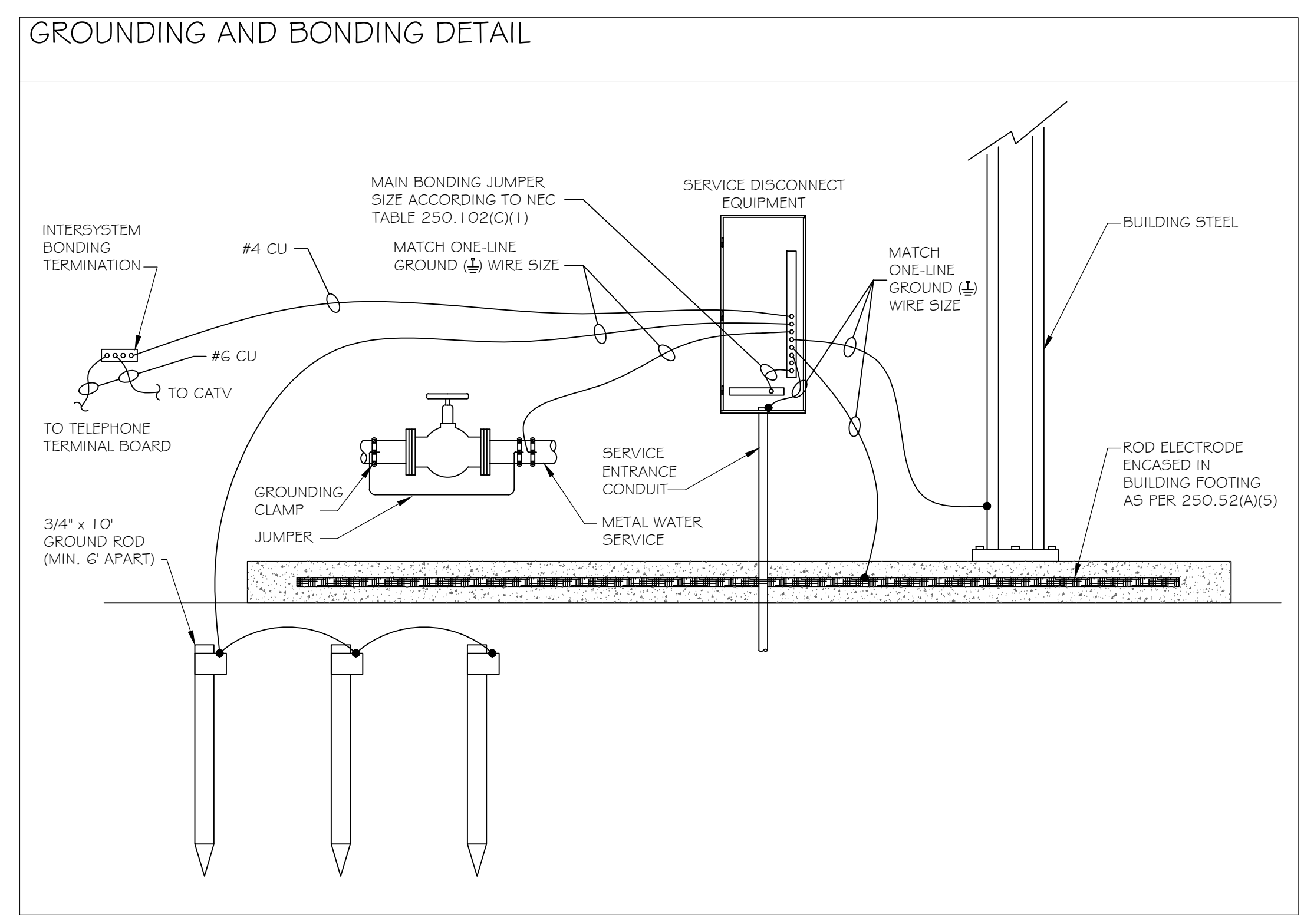
8590 MAIN STREET
WOODSTOCK, GEORGIA 30188

GEORGIA REGISTERED PROFESSIONAL ENGINEER

BRIAN M. ARMENTA

No. 032547

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FAULT CURRENT SCHEDULE										
DEVICE	FAULT	AIC RATING	L-N VOLTS	UTILITY			FED FROM			FEEDER
				FAULT	X	R	DEVICE	FAULT	X	
UTILITY	32,093	UTILITY	120V	31,246	0.003766	0.0007532				
DSC.M	26,659	42,000	120V	25,807	0.004437	0.001391	UTILITY	31,246	0.003766	0.0007532 (2)#350kcmil
M	23,372	42,000	120V	22,516	0.004978	0.001904	DSC.M	25,807	0.004437	0.001391 (2)#350kcmil
A	19,369	22,000	120V	18,773	0.005484	0.003284	M	22,516	0.004978	0.001904 #1/0

PLACE MAKER DESIGN

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SUITE 510
ATLANTA, GEORGIA 30339
404.549.4499

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SHEET TITLE

SCHEDULES & ONE-LINE

SHEET #

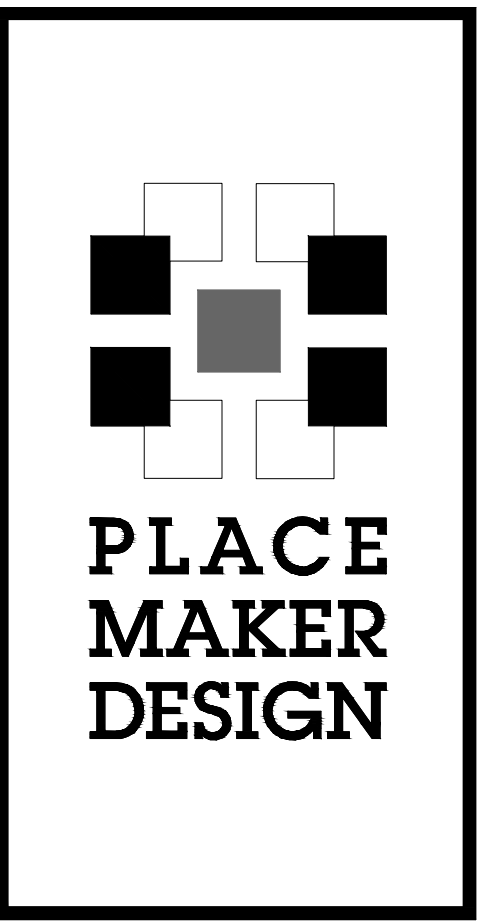
E0.2

LUMINAIRE SCHEDULE					
CALLOUT	SYMBOL	LAMP	DESCRIPTION	MODEL	VOLTS
A	○	(1) 19.1W LED	6" LED RECESSED DOWNLIGHT	H.E. WILLIAMS, GOR-TL-L20/835- DIM1-UN-OW-OF-CS-MWT-N-F1	120V 1P 2W
AE	○	(1) 19.1W LED	6" LED RECESSED DOWNLIGHT W/ BATTERY BACKUP	H.E. WILLIAMS, GOR-TL-L20/835- DIM1-UN-OW-OF-CS-MWT-N-F1	120V 1P 2W
B	□	(1) 33.7W LED	2x2 LED RECESSED TROFFER	H.E. WILLIAMS, LPT-22-L45-835- SA12125	120V 1P 2W
BE	□	(1) 28.6W LED	2x2 LED RECESSED TROFFER W/ BATTERY BACKUP	H.E. WILLIAMS, LPT-22-L45-835- SA12125-EM/LOW	120V 1P 2W
C	●	(1) 20W LED	TRACK MOUNTED LED PENDANT LIGHT	TO BE DETERMINED	120V 1P 2W
D	⊕	(1) 30W LED	DRUM TYPE LED PENDANT LIGHT	TO BE DETERMINED	120V 1P 2W
E	⊕	(1) 36W LED	GENERAL LED PENDANT LIGHT	CDS LIGHTING FLOWERS-B-BK-USV	120V 1P 2W
F	-----	(1) LED	LED CHANNEL - UPLIGHTING	TO BE DETERMINED	120V 1P 2W
G	-----	(1) LED	LED CHANNEL - DOWNLIGHTING AT BAR LEVEL	TO BE DETERMINED	120V 1P 2W
H	⊕	(1) 4W LED	BAR LED PENDANT LIGHT	MINI PENDANT GLOBE ELECTRIC #6490G W/ DECORATIVE BULB NEXT FLOW 4W, 2200K, T80 STYLE E26 MED BASE PILLAR	120V 1P 2W
J	○	(1) 14W LED	EXTERIOR LED WALL MOUNTED DOWNLIGHT	KICHLER 11077AZT	120V 1P 2W
K	⊕	(1) 4W LED	BAR LED PENDANT LIGHT	SHADES OF LIGHT - MODERN MIDAS - #PE 19127 W/ 4W E26 LED EDISON BULB	120V 1P 2W
M	▭	(1) 20W LED	24" LED WALL MOUNTED STRIP	TBD	120V 1P 2W
T	⚡	(2) 1.4W LED	EMERGENCY LIGHTING UNIT	LITHONIA ELM2L-LED	120V 1P 2W
V1	○	(1) 20W LED	LED VANITY WALL SCONCE	MAXIM VESPER WALL SCONCE 26033SWSBRBK	120V 1P 2W
V2	○	(1) 20W LED	LED VANITY WALL SCONCE	CDS LIGHTING MARILLA-B-USV	120V 1P 2W
W2	⚡	(1) 2W LED	EXTERIOR DECORATIVE LED EMERGENCY LIGHT WITH BATTERY BACKUP	COMPASS5 CUWZ-PC	120V 1P 2W
X	⊗	(1) 5W LED	THERMOPLASTIC EXIT SIGN WITH BATTERY BATTERY	LITHONIA LQM-S-W-3-R-120/277-EL-N	120V 1P 2W
XC	⚡	(2) 1.5W LED	COMBINATION EXIT/EMERGENCY LIGHTING UNIT	LITHONIA LHQM-LED-R-HO	120V 1P 2W

BAR EQUIPMENT SCHEDULE								
CALLOUT	CUSTOM PANEL DESCRIPTION	SYMBOL	VOLTS	KVA	BREAKER	CIRCUIT	WIRE CALLOUT	DISCONNECT DESCRIPTION
6	BACK BAR COOLER	⊕	120V 1P 2W	0.34	15/1	M-21	1/2"C,1#12,#12N,#12G	
6	BACK BAR COOLER	⊕	120V 1P 2W	0.34	15/1	M-19	1/2"C,1#12,#12N,#12G	
6	BACK BAR COOLER	⊕	120V 1P 2W	0.34	15/1	M-17	1/2"C,1#12,#12N,#12G	
7	GLASS WASHER	⊕	208/120V 2P 3W	6.66	40/2	M-23,25	3/4"C,2#8,#8N,#10G	60A/2P/NEMA 1
7	GLASS WASHER	⊕	208/120V 2P 3W	6.66	40/2	M-13,15	3/4"C,2#8,#8N,#10G	60A/2P/NEMA 1

KITCHEN EQUIPMENT SCHEDULE								
CALLOUT	CUSTOM PANEL DESCRIPTION	SYMBOL	VOLTS	KVA	BREAKER	CIRCUIT	WIRE CALLOUT	DISCONNECT DESCRIPTION
10	SANDWICH PREP TABLE	⊕	120V 1P 2W	0.86	15/1	M-29	1/2"C,1#12,#12N,#12G	
10	SANDWICH PREP TABLE	⊕	120V 1P 2W	0.86	15/1	M-27	1/2"C,1#12,#12N,#12G	
19	HOOD CTRL	⊕	120V 1P 2W	0.6	20/1	M-31	1/2"C,1#12,#12N,#12G	30A/1P/NEMA 1
21	HOOD CTRL	⊕	120V 1P 2W	0.6	20/1	M-1	1/2"C,1#12,#12N,#12G	30A/1P/NEMA 1
24	DISHWASHER	⊕	120V 1P 2W	1.37	15/1	M-33	1/2"C,1#12,#12N,#12G	30A/1P/NEMA 1
28C-A	WALK-IN COOLER COND.	⊕	208/120V 2P 3W	1.8	20/2	M-8,10	1/2"C,2#12,#12N,#12G	30A/2P/NEMA 3R
28C-B	WALK-IN COOLER EVA.	⊕	120V 1P 2W	1.2	20/1	M-22	1/2"C,1#12,#12N,#12G	30A/1P/NEMA 1
28C-C	WALK-IN COOLER	⊕	120V 1P 2W	0.6	20/1	M-12	1/2"C,1#12,#12N,#12G	30A/1P/NEMA 1
28F-A	WALK-IN FREEZER COND.	⊕	208/120V 2P 3W	1.2	20/2	M-14,16	1/2"C,2#12,#12N,#12G	30A/2P/NEMA 3R
28F-B	WALK-IN FREEZER EVA.	⊕	120V 1P 2W	0.8	20/1	M-18	1/2"C,1#12,#12N,#12G	30A/1P/NEMA 1
28F-C	WALK-IN FREEZER	⊕	120V 1P 2W	0.6	20/1	M-20	1/2"C,1#12,#12N,#12G	30A/1P/NEMA 1
29	REACH-IN FREEZER	⊕	120V 1P 2W	1.15	20/1	M-3	1/2"C,1#12,#12N,#12G	
30	REACH-IN REFRIGERATOR	⊕	120V 1P 2W	0.65	20/1	M-5	1/2"C,1#12,#12N,#12G	
31	ICE MAKER UNDERCOUNTER	⊕	120V 1P 2W	0.72	15/1	M-7	1/2"C,1#12,#12N,#12G	
32	DISHWASHER UNDERCOUNTER	⊕	208/120V 2P 3W	5.39	30/2	M-9,11	1/2"C,2#10,#10N,#10G	30A/2P/NEMA 1
34	ICE MAKER W/ BIN	⊕	208V 3P 4W	4.65	20/3	M-24,26,28	1/2"C,3#12,#12N,#12G	30A/3P/NEMA 1

GENERAL SCHEDULE							
CALLOUT	SYMBOL	VOLTS	KVA	BREAKER	CIRCUIT	WIRE CALLOUT	DISCONNECT DESCRIPTION
EF-A	⊕	120V 1P 2W	0.1	20/1	A-3	1/2"C,1#12,#12N,#12G	CONTROL WITH SWITCH
EF-A	⊕	120V 1P 2W	0.1	20/1	A-3	1/2"C,1#12,#12N,#12G	CONTROL WITH SWITCH
EF-A	⊕	120V 1P 2W	0.1	20/1	A-21	1/2"C,1#12,#12N,#12G	CONTROL WITH SWITCH
FCU-1	⊕	208/120V 2P 3W	8.68	60/2	M-61,63	3/4"C,2#6,#6N,#10G	60A/2P/NEMA 1
FCU-2	⊕	208/120V 2P 3W	12.96	80/2	M-35,37	1-1/4"C,2#2,#2N,#8G	100A/2P/NEMA 1
HP-1	⊕	208/120V 2P 3W	4.06	30/2	M-45,47	1/2"C,2#10,#10N,#10G	30A/2P/NEMA 3R
HP-2	⊕	208/120V 2P 3W	6.66	50/2	M-49,51	3/4"C,2#6,#6N,#10G	30A/2P/NEMA 3R
IWH-1	⊕	120V 1P 2W	0.48	15/1	A-25	1/2"C,1#12,#12N,#12G	30A/1P/NEMA 3R
IWH-2	⊕	120V 1P 2W	0.48	15/1	A-27	1/2"C,1#12,#12N,#12G	30A/1P/NEMA 3R
IWH-3	⊕	120V 1P 2W	0.48	15/1	A-29	1/2"C,1#12,#12N,#12G	30A/1P/NEMA 3R
KEF-1	⊕	208V 3P 4W	4.77	20/3	M-48,50,52	1/2"C,3#12,#12N,#12G	30A/3P/NEMA 3R
KEF-2	⊕	208V 3P 4W	5.85	25/3	M-36,38,40	1/2"C,3#10,#10N,#10G	30A/3P/NEMA 3R
KSF-1	⊕	208V 3P 4W	3.53	15/3	M-30,32,34	1/2"C,3#12,#12N,#12G	30A/3P/NEMA 3R
KSF-2	⊕	208V 3P 4W	2.23	15/3	M-42,44,46	1/2"C,3#12,#12N,#12G	30A/3P/NEMA 3R
MFCU-1	⊕	208/120V 2P 3W	0.21	20/2	M-53,55	1/2"C,2#12,#12N,#12G	30A/2P/NEMA 1
MFCU-2	⊕	208/120V 2P 3W	0.21	30/2	M-57,59	1/2"C,2#10,#10N,#10G	30A/2P/NEMA 1
MHP-1	⊕	208/120V 2P 3W	2.7	20/2	M-53,55	1/2"C,2#12,#12N,#12G	30A/2P/NEMA 3R
MHP-2	⊕	208/120V 2P 3W	3.74	30/2	M-57,59	1/2"C,2#10,#10N,#10G	30A/2P/NEMA 3R
RTU-1	⊕	208V 3P 4W	38.55	110/3	M-39,41,43	1-1/2"C,3#1,#1N,#6G	200A/3P/NEMA 3R



REV #	DATE	DESCRIPTION



PLACE MAKER DESIGN
280 INTERSTATE NORTH CIRCLE SE
SUITE 510
ATLANTA, GEORGIA 30339
404.549.4499

ISSUE DATE	08/24/2023
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PLAD PROJ. #	23031

SHEET #

SCHEDULES

E0.3

COMcheck Software Version 4.1.5.5
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
 Project Title: KIN NO TORI
 Project Type: Alteration

Construction Site: 8590 MAIN STREET WOODSTOCK, GA 30188
 Owner/Agent:
 Designer/Contractor: PLACE MAKER DESIGN 280 INTERSTATE NORTH CIRCLE SE SUITE 510 ATLANTA, GA 30339 404-549-4499

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Dining: Bar Lounge/Leisure	2491	1.01	2516
Total Allowed Watts =			2516

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Dining: Bar Lounge/Leisure (2491 sq.ft.)				
LED: B: 2x2 LED RECESSED TROFFER: Other:	1	4	34	135
LED: A: 6" LED RECESSED DOWNLIGHT: Other:	1	18	19	344
LED: BE: 2x2 LED RECESSED TROFFER W/ BAT: Other:	1	2	29	57
LED: C: TRACK MOUNTED LED PENDANT LIGHT: Other:	1	7	20	140
LED: D: DRUM TYPE LED PENDANT LIGHT: Other:	1	7	30	210
LED: E: GENERAL LED PENDANT LIGHT: Other:	1	14	12	168
LED: F: LED CHANNEL - UPLIGHTING: Other:	1	4	60	240
LED: G: LED CHANNEL - DOWNLIGHTING AT B: Other:	1	2	60	120
LED: H: BAR LED PENDANT LIGHT: Other:	1	14	4	56
LED: AE: 6" LED RECESSED DOWNLIGHT W/ BA: Other:	1	3	19	57
LED: K: BAR LED PENDANT LIGHT: Other:	1	7	4	28
LED: V1: LED VANITY WALL SCONCE: Other:	1	2	20	40
LED: V2: LED VANITY WALL SCONCE: Other:	1	1	20	20
LED: M: 24" LED WALL MOUNTED STRIP: Other:	1	2	20	40
Total Proposed Watts =				1655

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any

Project Title: KIN NO TORI Report date: 09/05/23
 Data filename: P:\Public\123\123484 KinNo Tori Ramen Bar Woodstock GA\123484 E COMCHECK.cck Page 1 of 6

applicable mandatory requirements listed in the Inspection Checklist.

Brian M. Armenta -PE Signature Date: 09/05/2023

COMcheck Software Version 4.1.5.5
Inspection Checklist

Energy Code: 2015 IECC

Requirements: 100.0% were addressed directly in the COMcheck software
 Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

Project Title: KIN NO TORI Report date: 09/05/23
 Data filename: P:\Public\123\123484 KinNo Tori Ramen Bar Woodstock GA\123484 E COMCHECK.cck Page 3 of 6

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1 [EL15]	Lighting controls installed to uniformly reduce the lighting load by at least 50%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1 [EL18]	Occupancy sensors installed in required spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1, C405.2.2, 3 [EL23]	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.2 [EL22]	Automatic controls to shut off all building lighting installed in all buildings.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.3 [EL16]	Daylight zones provided with individual controls that control the lights independent of general area lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.3, C405.2.3, 1, C405.2.3, 2 [EL20]	Primary sidelighted areas are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.3, C405.2.3, 1, C405.2.3, 3 [EL21]	Enclosed spaces with daylight area under skylights and rooftop monitors are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.4 [EL4]	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.4 [EL8]	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.3 [EL6]	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

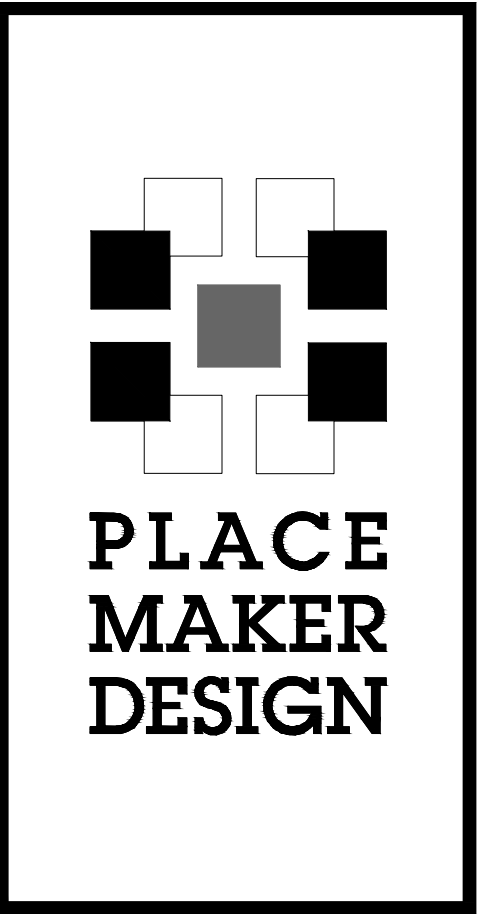
Project Title: KIN NO TORI Report date: 09/05/23
 Data filename: P:\Public\123\123484 KinNo Tori Ramen Bar Woodstock GA\123484 E COMCHECK.cck Page 4 of 6

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5, 2 [F17]	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.4.1 [F18]	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting fixture schedule for values.
C408.2.5, 1 [F16]	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.3 [F13]	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

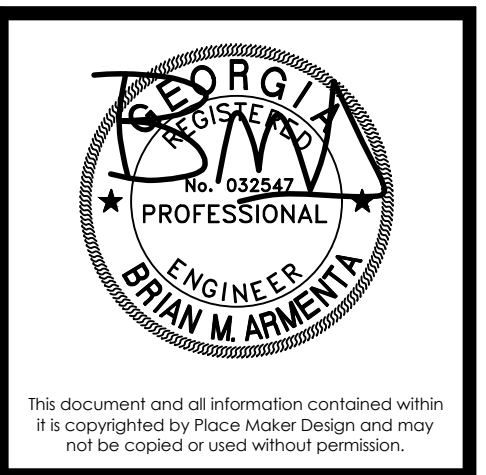
Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: KIN NO TORI Report date: 09/05/23
 Data filename: P:\Public\123\123484 KinNo Tori Ramen Bar Woodstock GA\123484 E COMCHECK.cck Page 5 of 6



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 CHECKED BY: BA
 PWD PROJ. #: 23031

SHEET TITLE
COMPLIANCE REPORT

SHEET #
E0.4

GENERAL NOTES

REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES.

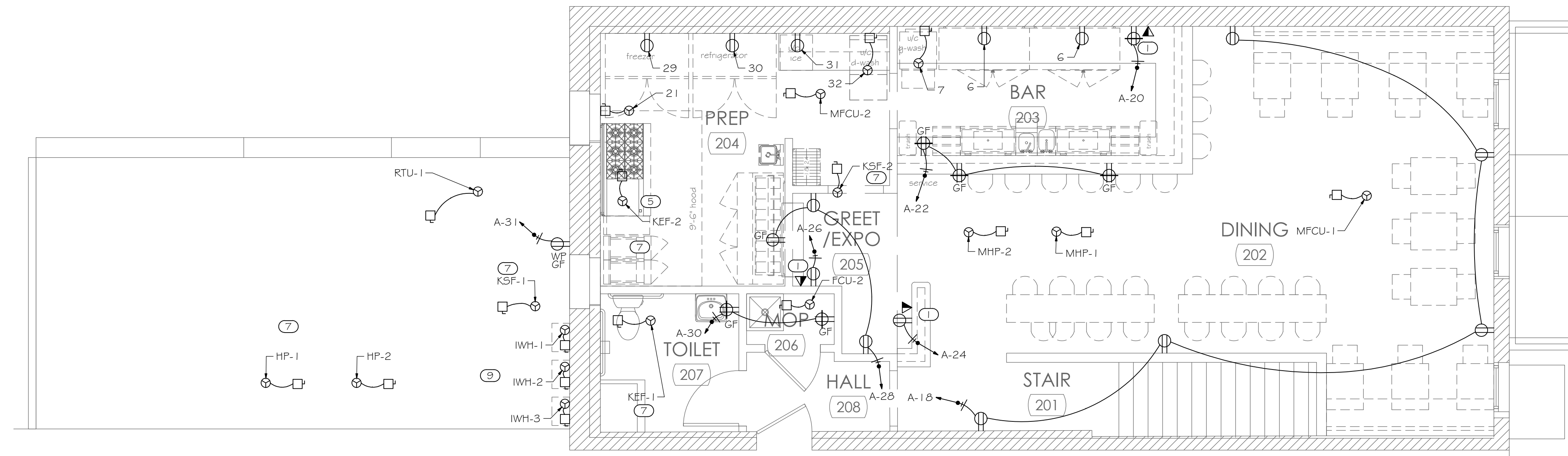
FOR ALL KITCHEN EQUIPMENT, SEE EQUIPMENT SCHEDULE FOR ELECTRICAL CONNECTION INFORMATION AND OTHER GENERAL INFORMATION. KITCHEN APPLIANCE CONNECTION LOCATION TO BE COORDINATED WITH THE ACTUAL EQUIPMENT INSTALLED. REFER TO ARCHITECTURAL DOCUMENTS FOR MOUNTING HEIGHT AND DIMENSIONS. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH KITCHEN EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.

ALL SINGLE-PHASE RECEPTACLES RATED 150V TO GROUND OR LESS, 50A OR LESS AND THREE-PHASE RECEPTACLES RATED 150V TO GROUND OR LESS, 100A OR LESS IN BAR, KITCHEN, AND FOOD PREP AREAS SHALL BE GFI PER NEC 210.8(B). GFCI MUST BE READILY ACCESSIBLE FOR TESTING. FOR RECEPTACLES OBSTRUCTED FROM ACCESSIBILITY BY EQUIPMENT, ACCEPTABLE ALTERNATIVES TO A GFCI RECEPTACLE ARE REMOTE TEST BUTTONS, GFCI BREAKERS, OR GFCI RECEPTACLES UPSTREAM ON THE SAME CIRCUIT. COUNTER EQUIPMENT AND EQUIPMENT ON CASTERS OR STANDS THAT CAN BE MOVED EASILY ARE DEEMED TO PROVIDE READY ACCESS.

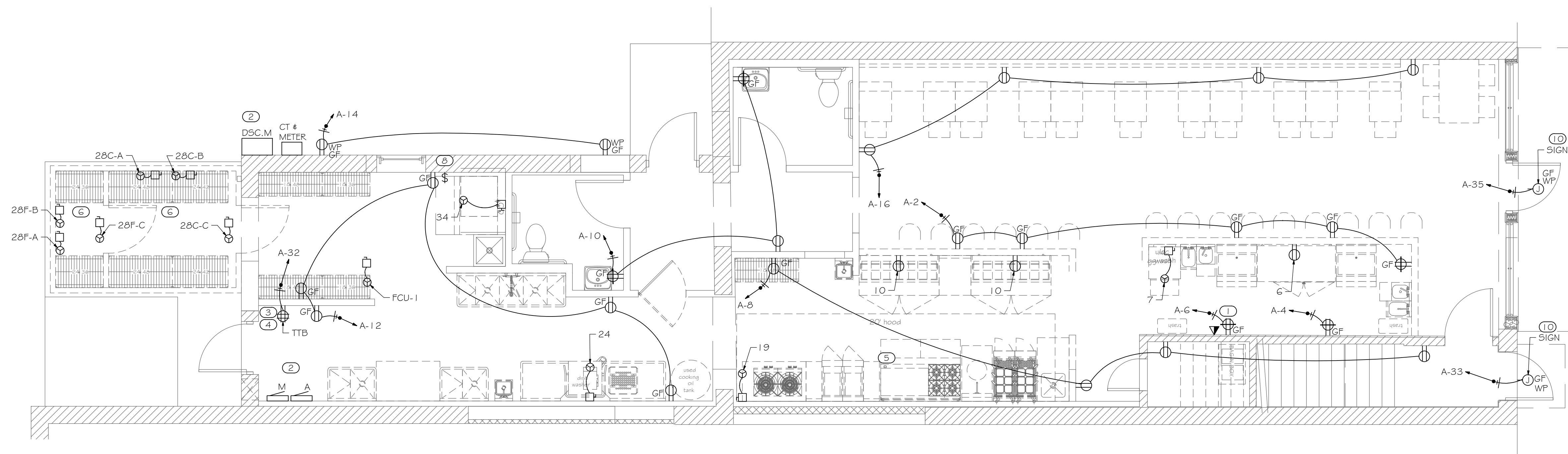
ALL RECEPTACLES SHALL BE GROUNDED AS REQUIRED BY ARTICLE 250-146.

KEYNOTES

- 1 COORDINATE EXACT LOCATION OF POINT OF SALE EQUIPMENT INSTALLATION WITH ARCHITECT / OWNER AND PROVIDE DUPLEX AND VOICE/DATA OUTLETS.
- 2 COORDINATE EXACT LOCATION OF DISTRIBUTION EQUIPMENT WITH ARCHITECT / OWNER PRIOR TO ROUGH-IN.
- 3 FIELD COORDINATE EXACT LOCATION OF EXISTING TELEPHONE UTILITY CONDUIT AND LOCATE TELEPHONE TERMINAL BOARD.
- 4 ROUTE (2) 2" C FROM TELEPHONE UTILITY DEMARCATION POINT WITH PULL STRING.
- 5 SHUNT TRIP FOR ELECTRICAL EQUIPMENT LOCATED UNDER HOOD. REFER TO PANEL SCHEDULES.
- 6 COORDINATE EXACT ELECTRICAL REQUIREMENTS FOR WALK-IN COOLER/FREEZER WITH EQUIPMENT INSTALLER. FIELD COORDINATE EXACT LOCATION OF CONDENSER WITH KITCHEN CONSULTANT.
- 7 LOCATION OF HVAC EQUIPMENT ON ROOF. PROVIDE WP/GFCI RECEPTACLE WITHIN 25' FOR MAINTENANCE.
- 8 WALL SWITCH TO CONTROL EXTERIOR RECEPTACLE FOR PATIO STRING LIGHTS. COORDINATE FINAL LOCATION OF SWITCH AND RECEPTACLE WITH ARCHITECT / OWNER PRIOR TO INSTALL.
- 9 GAS WATER HEATER. SEE PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- 10 WEATHERPROOF J-BOX FOR EXTERIOR SIGN. COORDINATE IN FIELD WITH SIGN INSTALLER FOR LOCATION AND OTHER REQUIREMENTS. EXTERIOR SIGN TO BE CONTROLLED BY LIGHTING CONTACTOR WITH PHOTOCCELL AND TIMER.



02 UPPER LEVEL FLOOR PLAN - POWER
E1.0 SCALE: 1/4" = 1'-0"



01 MAIN LEVEL FLOOR PLAN - POWER
E1.0 SCALE: 1/4" = 1'-0"

REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188

Professional Engineer
BRIAN M. ARMENIA
No. 032547
Professional Engineer
BRIAN M. ARMENIA

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FLOOR PLANS - POWER

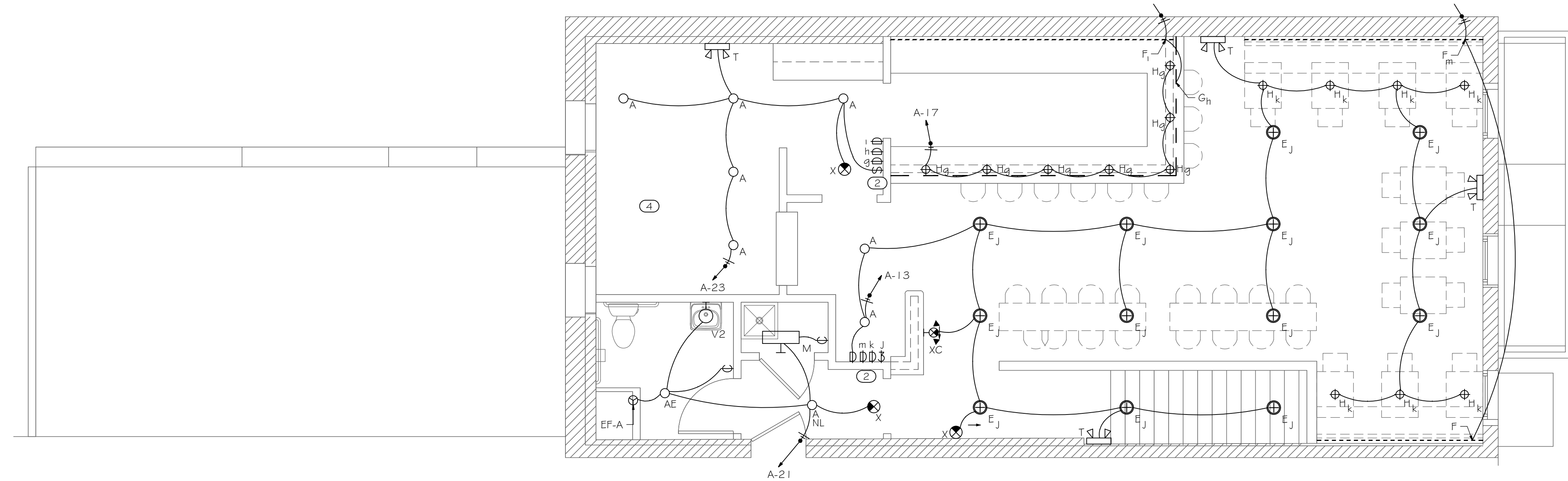
E1.0

GENERAL NOTES

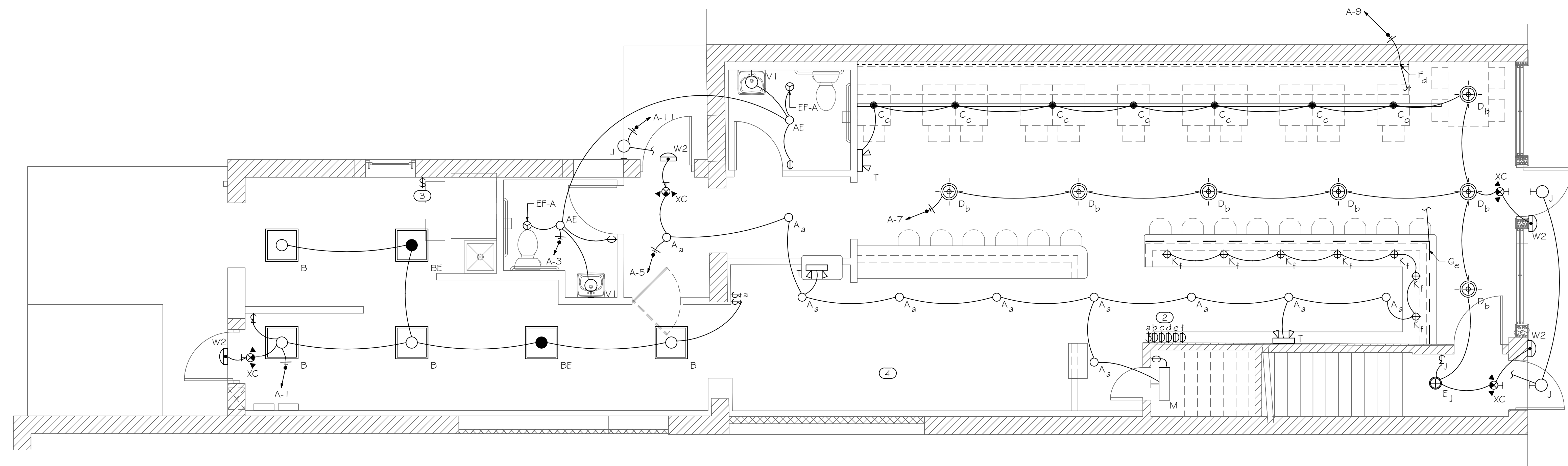
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES.
- PROVIDE UNSWITCHED HOT LEG OF CIRCUIT TO EMERGENCY LIGHTING AND EXIT SIGNS.
- EXTERIOR LIGHTS TO BE CONTROLLED BY LIGHTING CONTACTOR WITH PHOTOCELL AND TIMER.
- FIELD COORDINATE EXACT LOCATION SWITCH AND CONTROL REQUIREMENTS WITH OWNER/ARCHITECT.
- FIXTURE WITH THE "NL" (NIGHT LIGHT) SYMBOL SHALL NOT BE CONNECTED TO THE SWITCH LEG AND SHALL REMAIN ALWAYS ON.

KEYNOTES

- ① EXHAUST FAN TO BE CONTROLLED BY SEPARATE OCCUPANCY SENSOR.
- ② COORDINATE EXACT LOCATION FOR SWITCH BANK WITH ARCHITECT / OWNER PRIOR TO INSTALL. ADDITIONAL REQUIREMENTS FOR CONTROLS TO BE COORDINATED WITH OWNER / ARCHITECT
- ③ WALL SWITCH TO CONTROL EXTERIOR RECEPTACLE FOR PATIO STRING LIGHTS. COORDINATE FINAL LOCATION OF SWITCH AND RECEPTACLE WITH ARCHITECT / OWNER PRIOR TO INSTALL.
- ④ PROVIDE ROUGH-IN AND POWER FOR INTEGRAL HOOD LIGHTING AS REQUIRED BY HOOD MANUFACTURER.



02 UPPER LEVEL FLOOR PLAN - LIGHTING
E1.1 SCALE: 1/4" = 1'-0"



01 MAIN LEVEL FLOOR PLAN - LIGHTING
E1.1 SCALE: 1/4" = 1'-0"

REV #	DATE	DESCRIPTION

INTERIOR AND EXTERIOR RENOVATION PLANS FOR

KIN NOTORI

8590 MAIN STREET
WOODSTOCK, GEORGIA 30188

ENGINEER
BRIAN M. ARMENTA

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SHEET TITLE

FLOOR PLANS - LIGHTING

E1.1