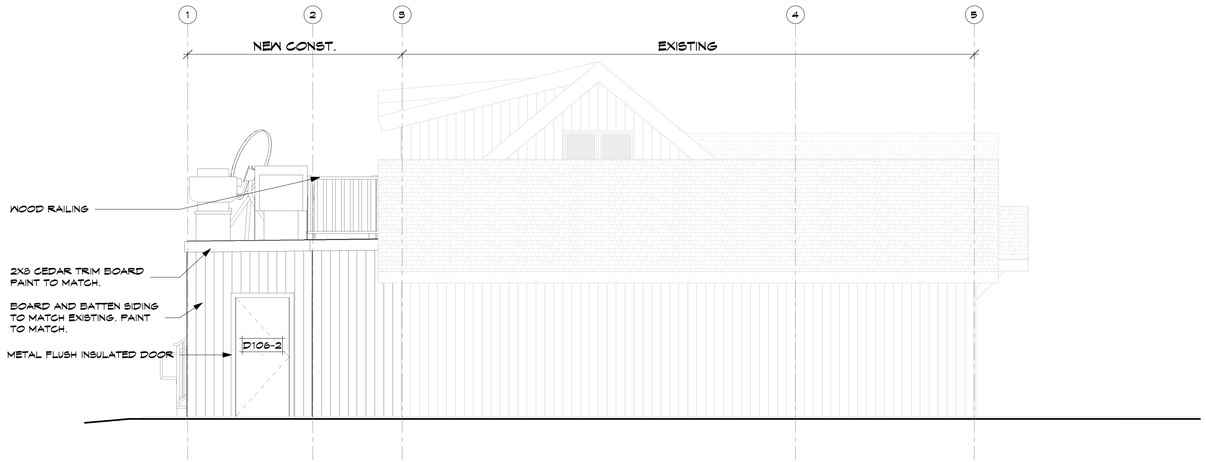

1 EAST ELEVATION
1/4" = 1'-0"

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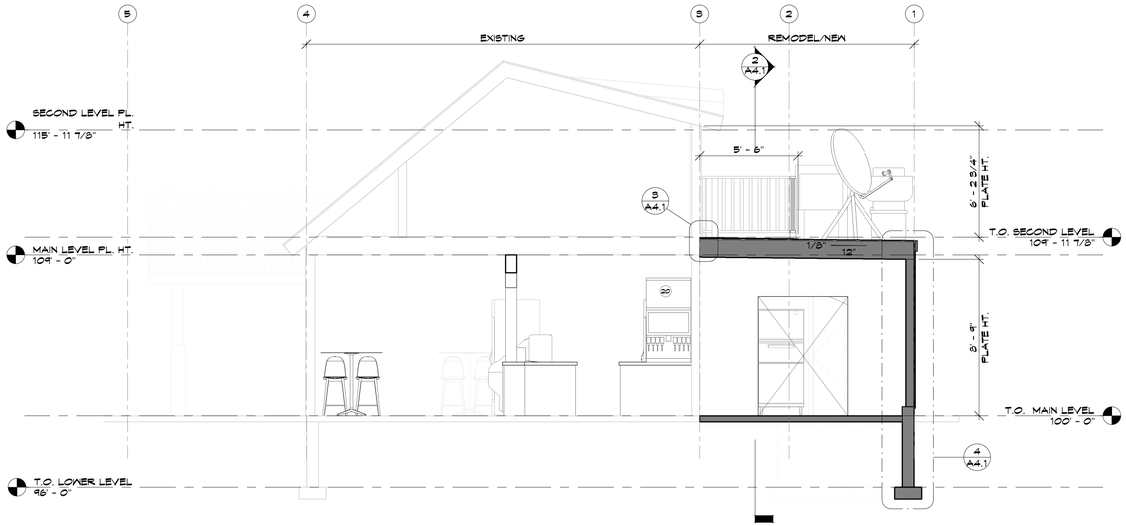
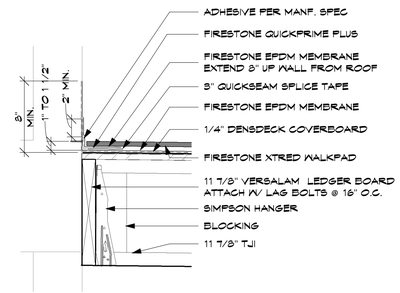
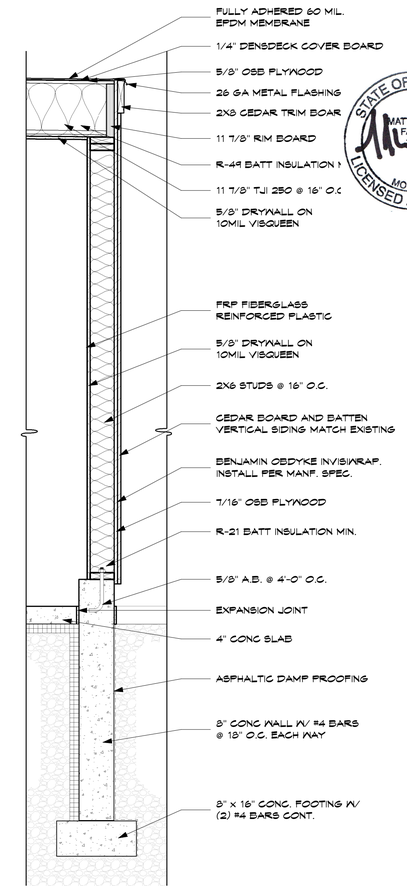
A3.2
EXTERIOR BUILDING ELEVATIONS



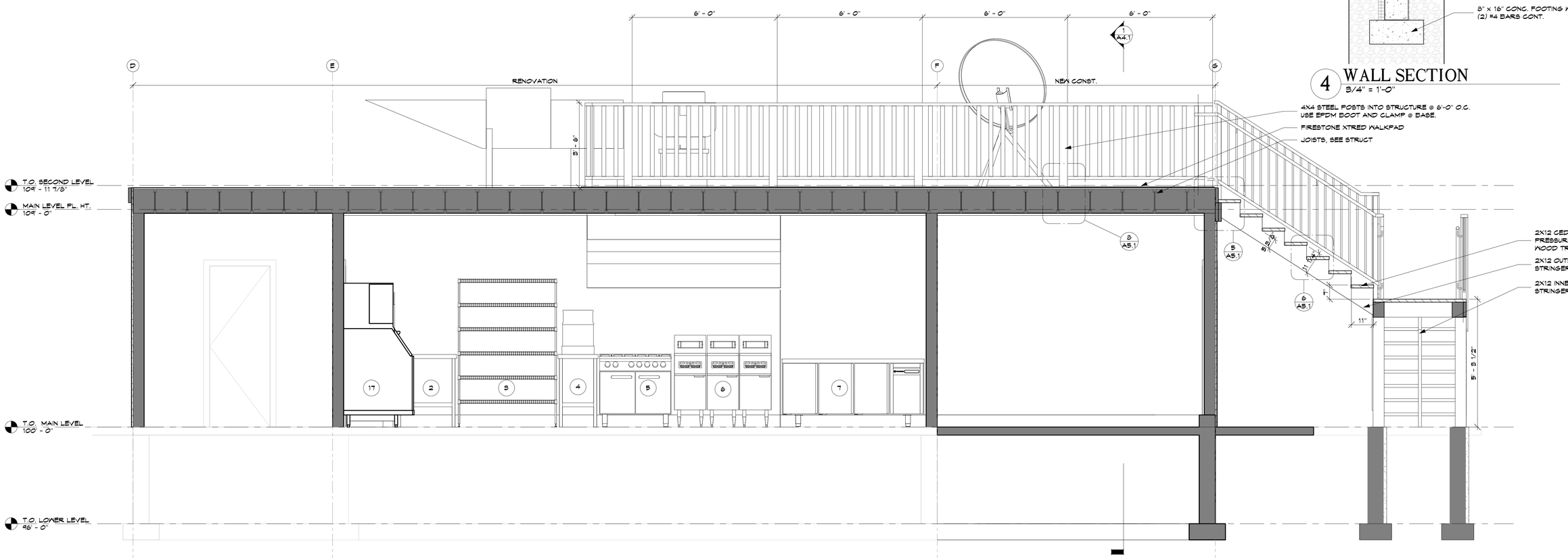
1 BUILDING SECTION 1
1/4" = 1'-0"



3 ROOF TO WALL
1 1/2" = 1'-0"



4 WALL SECTION
3/4" = 1'-0"



2 BUILDING SECTION 2
1/2" = 1'-0"

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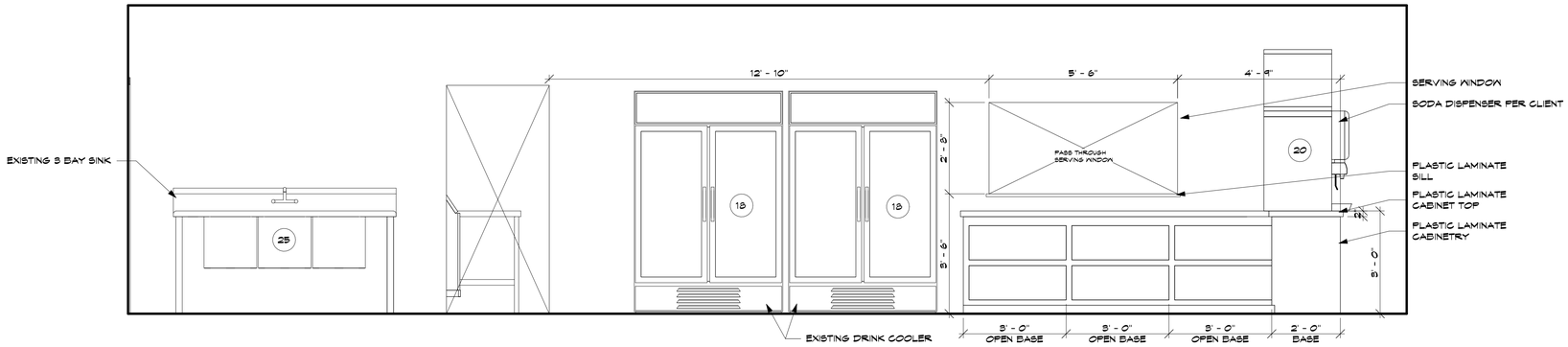
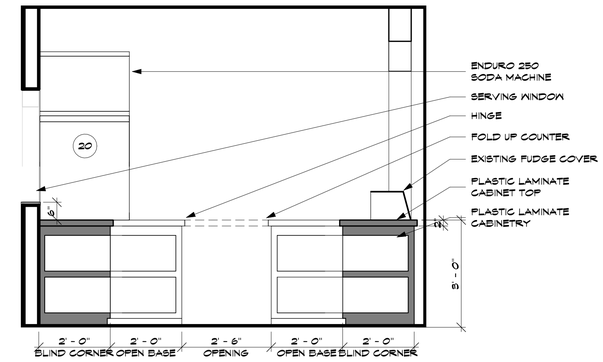
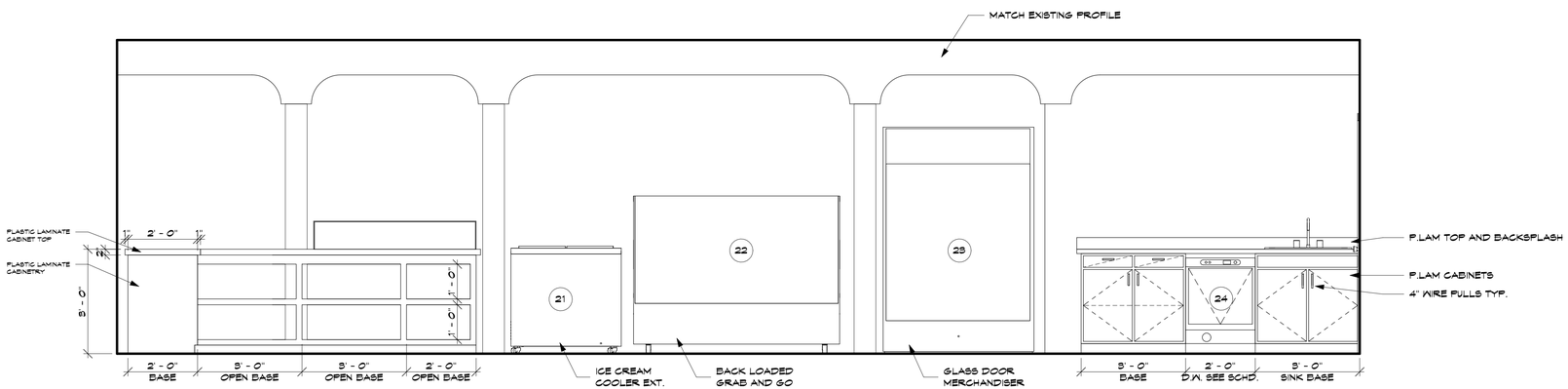
A4.1
BUILDING SECTIONS



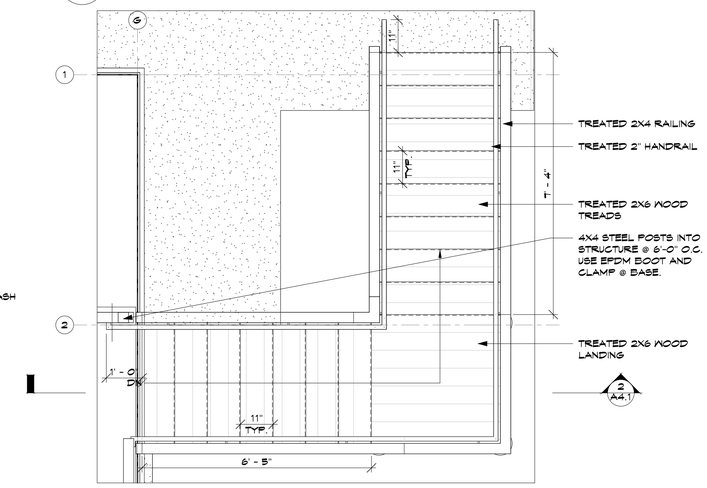
1 RETAIL NORTH INT. ELEV.
1/2" = 1'-0"



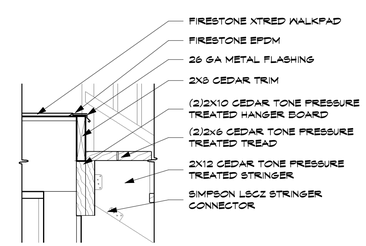
2 RETAIL EAST INT. ELEV.
1/2" = 1'-0"



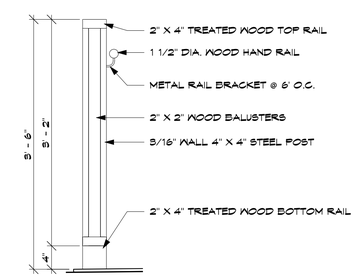
3 RETAIL SOUTH INT. ELEV.
1/2" = 1'-0"



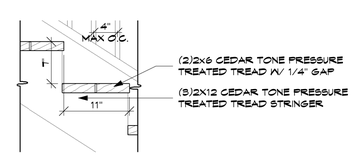
4 MAIN LEVEL STAIR PLAN
1/2" = 1'-0"



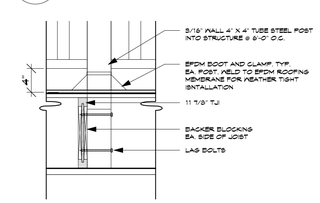
5 STAIR DETAIL
1" = 1'-0"



7 RAIL DETAIL
1" = 1'-0"



6 STEP DETAIL
1" = 1'-0"



8 RAILING ATTACHMENT
1" = 1'-0"

DOOR SCHEDULE

NUMBER	DOOR INFORMATION						FRAME		MISCELLANEOUS	DETAILS					REMARKS
	WIDTH	HEIGHT	THICK.	MAT'L.	FINISH	SWING	MAT'L	FINISH	HARDWARE	EXT. ELEV.	INT. ELEV.	HEAD DTL.	JAMB DTL.	SILL DTL.	
105-1	3' - 0"	6' - 8"	1 3/8"	METAL INSULATED	PAINT	LH	WOOD	PAINTED	GROUP 2						FLUSH METAL FREE-HUNG
106-1	3' - 0"	6' - 8"	1 3/4"	METAL INSULATED	PAINT	RH	WOOD	PAINTED	GROUP 1						FLUSH METAL FREE-HUNG
106-2	3' - 0"	6' - 8"	1 3/4"	METAL INSULATED	PAINT	LH	WOOD	PAINTED	GROUP 1						FLUSH METAL FREE-HUNG

NOTES:

1. FIELD VERIFY ALL ROUGH OPENINGS ON SITE.
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL DOORS & HARDWARE.

HARDWARE GROUPS:

GROUP 1: SCHLAGE HEAVY DUTY LEVER STYLE ENTRY LOCKSET W/ DEAD BOLT, HINGES, SURFACE CLOSER, DOOR SEALS, DOOR SWEEP, THRESHOLD, DOOR STOP

GROUP 2: SCHLAGE HEAVY DUTY PASSAGE SET, H.D. HINGES, DOOR STOP

ROOM FINISH SCHEDULE

	NUMBER	AREA	FLOOR		BASE		WALLS								CEILING		REMARKS
							NORTH		SOUTH		EAST		WEST				
			MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	CEILING HT.	
RETAIL	103	360 SF	B	1	B	1	B	4	B	4	B	4	B	4	B	4	9'-0"	
STORAGE	104	59 SF	B	1	A	1	B	1	B	1	B	1	B	1	B	1	9'-0"	
STORAGE	105	35 SF	B	1	A	2	A	2	A	2	A	2	B	1	A	2	9'-0"	

FLOOR MATERIALS:

A. CONCRETE
B. EXISTING

BASE MATERIALS:

A. RUBBER
B. NONE

WALLS & CEILING:

A. 5/8" GYP. BD. (PROVIDE GLASS-FACED GYP. BD. IN ALL WET AREAS.)
B. EXISTING - PATCH AS REQ.
C. FRP PANELS

FINISH:

1. NONE
2. LEVEL 4 FINISH, PRIMER, 2 COATS PAINT
3. LIGHTLY SANDED / SEALED W/POLYURETHANE
4. TOUCH UP AS REQUIRED
5. SEALER
6. FIRE TAPE

NOTE: PROVIDE CONTINUOUS DRYWALL NAILERS FOR ANY SPAN GREATER THAN 6".
NOTE: INSTALL GYP. BD. PER IBC SECTION 2506

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FWP-BILLINGS, MT

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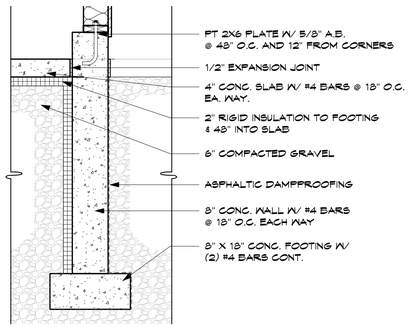
A5.1

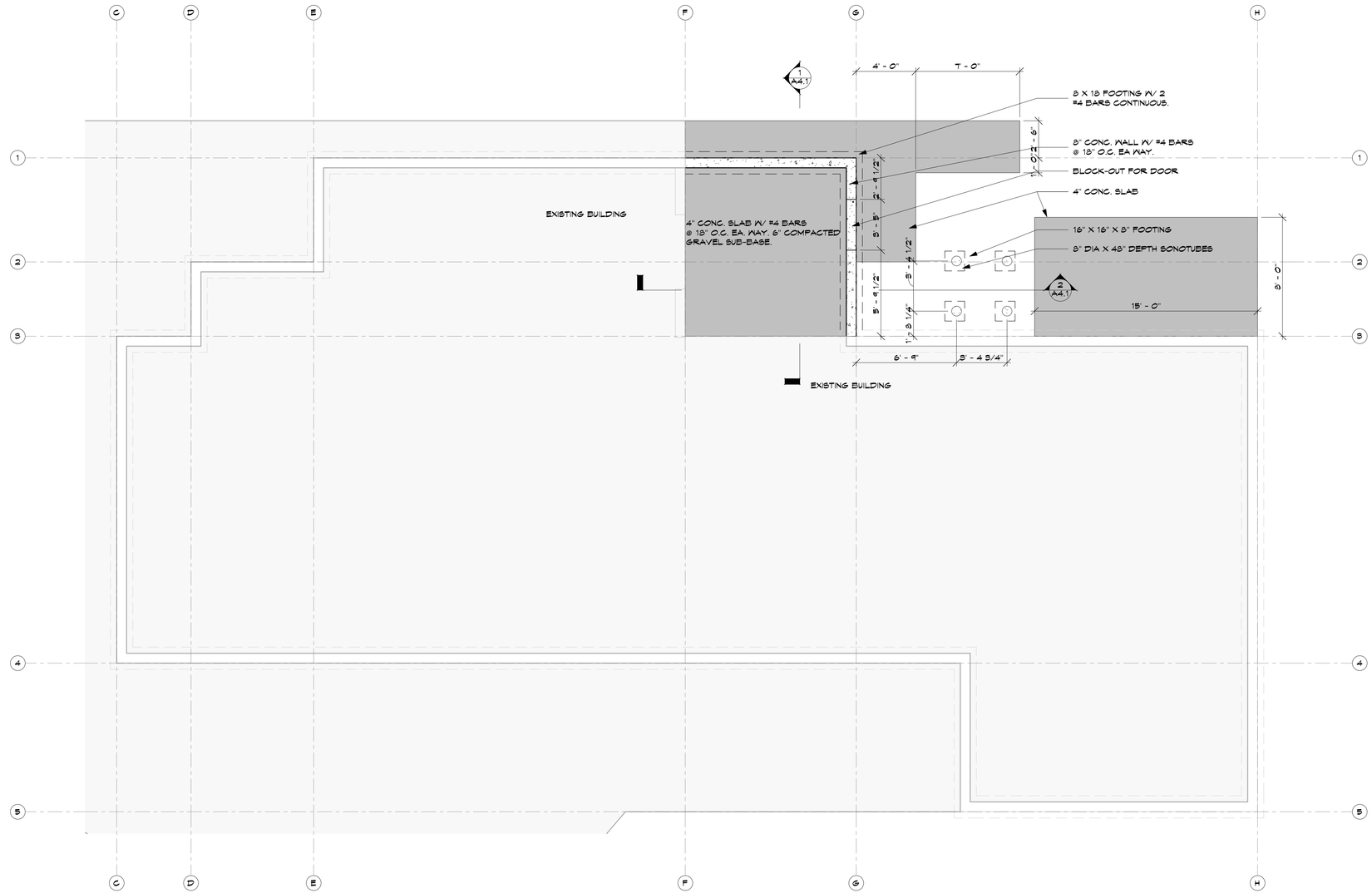
INTERIOR ELEVATIONS, STAIR DETAILS & SCHEDULES



2 CONC. WALL & FOOTING DETAIL
3/4" = 1'-0"

NOTES:

1. ALL CONCRETE FOUNDATION WALLS TO BE 8" WIDE WITH #4 VERTICAL BARS @ 18" O.C. AND #4 HORIZONTAL BARS @ 18" O.C. - TYP. U.N.O.
2. ALL CONTINUOUS CONCRETE FOOTINGS TO BE 8" HIGH X 18" WIDE WITH 2-#4 CONTINUOUS BARS- TYP. U.N.O.
3. ANCHOR BOLTS TO BE 5/8" DIA. X 10" HEADED ANCHOR BOLTS @ 48" O.C. MAX, 12" FROM SPLICES AND CORNERS.
4. INTERIOR AND EXTERIOR CONCRETE SLABS TO BE 4" THICK WITH #4 BARS @ 18" O.C. EA. WAY.
5. EXPANSION JOINT MATERIAL TO BE 1/2" X SLAB THICKNESS ASPHALT T-SATURATED CELLULOSIC FIBER - TYP. U.N.O.
6. ALL FOOTINGS TO BEAR ON 98% COMPACTED FILL OVER UNDISTURBED SOIL OR ON UNDISTURBED SOIL.
7. ALL FOOTINGS DESIGNED FOR 2,000 P.S.F. SOIL BEARING CAPACITY. NOTIFY ARCHITECT/ENGINEER OF ANY SITE DISCREPANCIES.
8. COORDINATE BLOCK OUTS FOR SERVICES (ELECTRIC , PLUMBING, CONDUIT, PIPING, ECT.) SEE M/E DRAWING.
9. RE-COMPACT ALL BACK FILL TO 98% COMPACTION TYPICAL FOR ALL BACKFILL.
10. ALIGN ALL COLUMN BASES SUCH THAT BOLTS ARE HIDDEN IN WALL.
11. CONCRETE FOOTINGS AND WALLS f'c=3000psi, CONCRETE SLABS f'c=4000psi.
12. CONTRACTOR TO PROVIDE FOR UNDER SLAB PASSIVE RADON VENTING.
13. ALL EXISTING FILL, TOPSOIL, VEGETATION AND ORGANIC MATTER SHOULD BE REMOVED WITHIN FOUNDATION EXCAVATIONS.



1 CONC. PLAN
1/4" = 1'-0"

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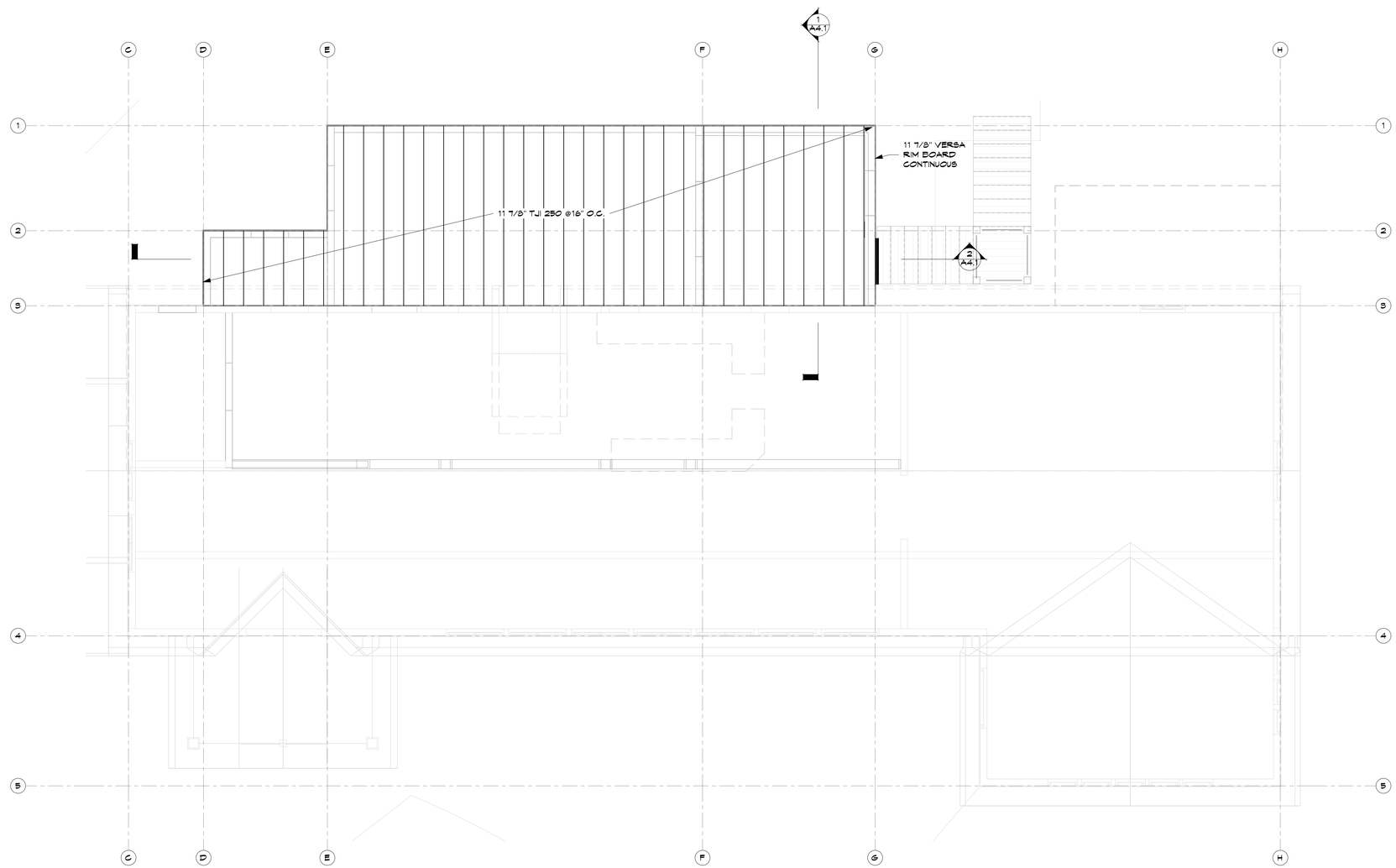
S2.1
CONCRETE PLAN



1 ROOF FRAMING
1/4" = 1'-0"

NOTES:

1. ALL ROOF RAFTER FRAMING TO BE 11 7/8" @ 16" O.C. TYP. U.N.O.
2. ALL ROOF SIDES TO BE 0'-0" OVERHANG U.N.O.
3. ALL PANEL-TYPE ROOF SHEATHING TO BE 5/8" (32/16) CDX PLYWOOD W/ 10d NAILS @ 6" O.C. EDGES AND 12" O.C. FIELDS.
4. USE (2X) 2X10's FOR HEADERS U.N.O.
5. BLOCKING AT MID-SPAN" - TYP. U.N.O.
6. COLUMNS ARE (3) 2X6's U.N.O.
7. BEAMS TO COLUMNS, USE SIMPSON A34 U.N.O.

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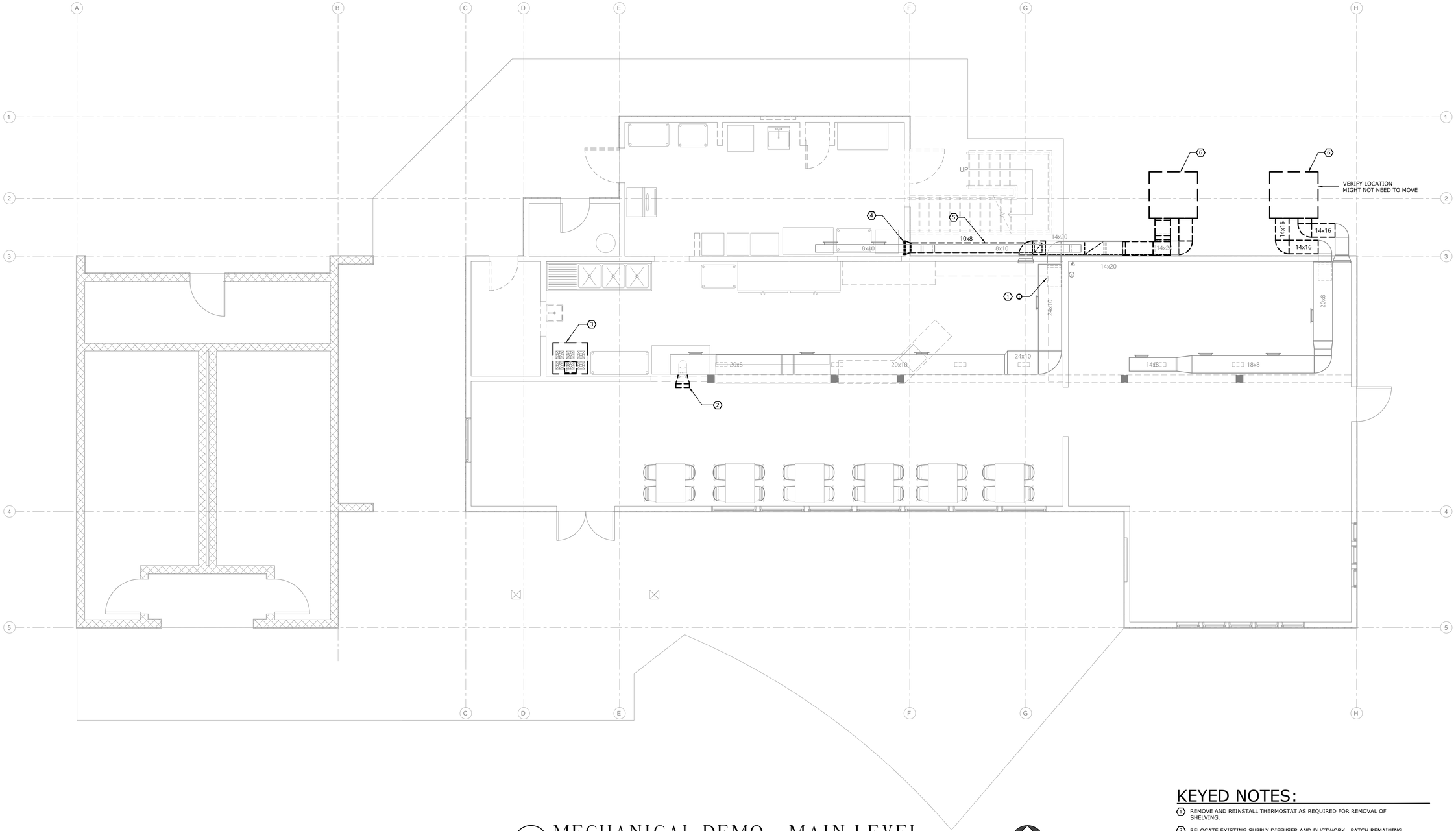
S2.2
ROOF FRAMING PLAN



1
M1.1
MECHANICAL DEMO - MAIN LEVEL
SCALE: 1/4" = 1'-0"

NORTH

KEYED NOTES:

1. REMOVE AND REINSTALL THERMOSTAT AS REQUIRED FOR REMOVAL OF SHELVING.
2. RELOCATE EXISTING SUPPLY DIFFUSER AND DUCTWORK. PATCH REMAINING DUCTWORK.
3. REMOVE EXHAUST HOOD AND DUCTWORK. ABANDON DUCTWORK ABOVE CEILING.
4. RELOCATE 14X14 RETURN AIR FILTER.
5. REMOVE RETURN AIR DUCT BACK TO MAIN.
6. RELOCATE OUTDOOR AIR HANDLER. REMOVE, REINSTALL AND EXTEND DUCTWORK AS REQUIRED.

TRE
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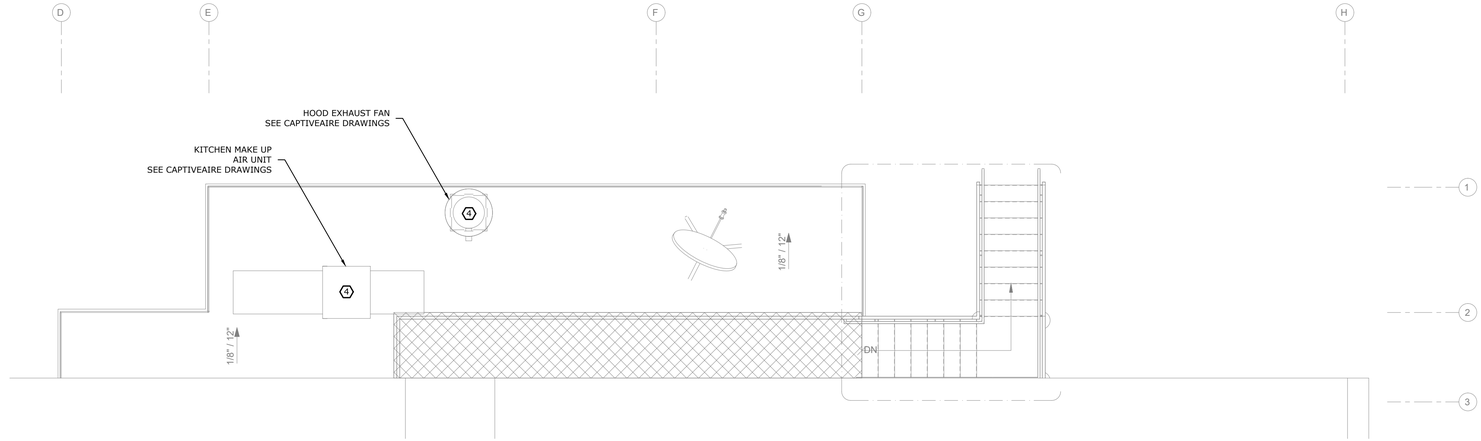
M1.1
MAIN LEVEL
MECHANICAL
DEMOLITION

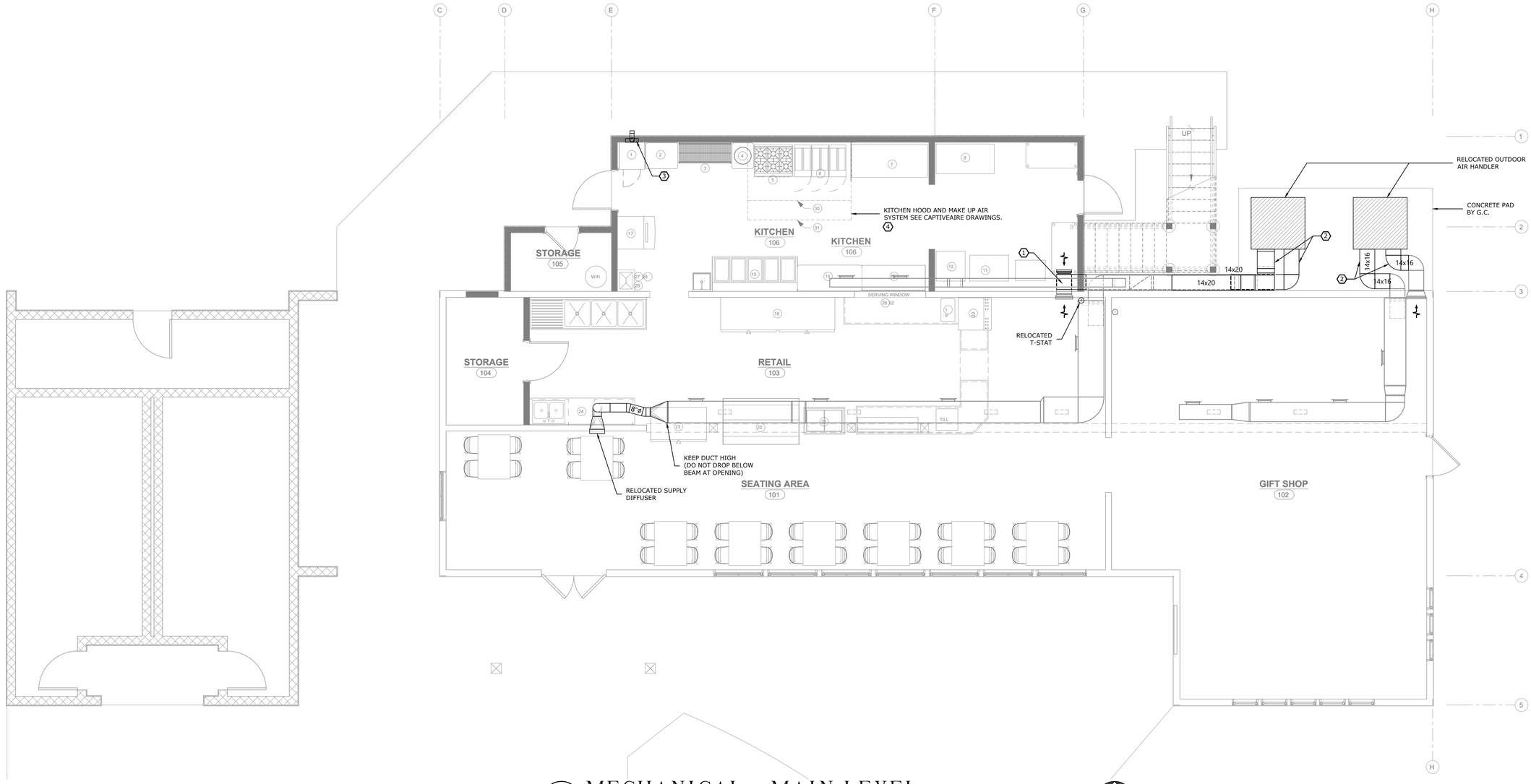
KEYED NOTES:

1. 14X20 RETURN DUCT. RECONNECT EXISTING RETURN AIR FROM SERVING AREA AND REINSTALL RELOCATED 14X14 FROM KITCHEN.
2. PROVIDE NEW OUTDOOR DUCTWORK AS REQUIRED FOR RELOCATED AIR HANDLERS. DUCT SIZES TO MATCH EXISTING. PROVIDE INTERIOR INSULATION TO MATCH EXISTING.
3. PROVIDE DRYER EXHAUST VENTING WITH 4" DUCT, WALL CAP WITH DAMPER AND 3.5" DEEP DRYER VENT BOX. COORDINATE LOCATION OF VENT BOX WITH DRYER TO ALLOW APPLIANCE INSTALLATION FLUSH WITH WALL.
4. INSTALL KITCHEN HOOD, MAKE UP AIR UNIT AND EXHAUST FAN PER CAPTIVEAIRE DRAWINGS. PROVIDE ALL DUCTWORK, EQUIPMENT AND ACCESSORIES AS REQUIRED FOR A FULLY COMPLETE AND OPERATIONAL SYSTEM.



2 M2.1 MECHANICAL - ROOF LEVEL
SCALE: 1/4" = 1'-0"

NORTH



1 M2.1 MECHANICAL - MAIN LEVEL
SCALE: 1/4" = 1'-0"

NORTH

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M2.1
MAIN AND ROOF LEVEL MECHANICAL