

Figure 1: Typical H.V.A.C. Duct Zone. This cross-sectional diagram illustrates the vertical arrangement of building systems within a typical H.V.A.C. duct zone. From top to bottom, the layers are: an electrical zone containing a sprinkler line and electrical conduit; a zone with steel joists and a steel girder; a zone with a typical H.V.A.C. duct; and a light fixture zone containing a light troffer. A 6-inch minimum gap is indicated between the H.V.A.C. duct and the light troffer, with a reference to 'SEE PLAN'.

1. **GENERAL NOTES:**
 1. THIS IS A CONCEPT DRAWING ONLY AND IS INTENDED TO REPRESENT AREAS WHERE WATER LINES, SPRINKLER LINES, ELECTRICAL CONDUITS AND H.V.A.C. DUCTWORK RUNS ARE TO BE ROUTED.
 2. IT REMAINS EACH CONTRACTORS RESPONSIBILITY TO COORDINATE ROUTING OF LINES, DUCTS, CONDUIT WITH OTHER TRADES TO INSURE A COMPLETE INSTALLATION
 3. HOLD ELECTRICAL CONDUIT TIGHT AS POSSIBLE TO TOP CHORD OF JOISTS.
 4. ALL EQUIPMENT, LINES, ETC. ARE TO BE SUSPENDED FROM JOISTS, WITH APPROPRIATE HANGERS, ETC.. DO NOT LAY EQUIPMENT ALONG BOTTOM CHORD OF JOISTS OR SUSPEND FROM ROOF DECK.
 5. H.V.A.C. DUCTWORK TO BE INSTALLED IN JOIST SPACE ON CERTAIN PROJECTS. BOTTOM OF DUCTWORK TO BE ABOVE BOTTOM OF JOIST. VERIFY WITH MECHANICAL SHEETS ON EACH PROJECT FOR SPECIFIC REQUIREMENTS AND EXACT LOCATION OF DUCTWORK.
 6. THIS DETAIL TO BE DISTRIBUTED TO ALL CONTRACTORS INSTALLING WORK LISTED.
2. PIPING AND/OR CONDUIT PENETRATING WALLS, IN CUSTOMER AREAS, SHALL BE CONCEALED IN ADJACENT METAL STUD WALLS OR BOXED OUT, TO BE HIDDEN FROM CUSTOMERS VIEW. ALL BOX OUT AREAS ARE TO BE AS SMALL AS POSSIBLE AND BE APPROVED BY ARCHITECT AND OWNER PRIOR TO INSTALLATION.

	SUSPENDED 8' LED LIGHT (8'14" OR 12" AFF. (REFER TO ELECTRICAL))
	WALL MOUNTED 4' LED LIGHT (8" OR 10" AFF. (REFER TO ELECTRICAL))
	2X2 LED LIGHT IN T-BAR CEILING
	CEILING MOTION SENSOR
	CANOPY POT LIGHTS
	EXTERIOR WALL MOUNTED FIXTURE
	EMERGENCY EXIT SIGNAGE - LOCATE AND MOUNT PER CITY AND FIRE MARSHALL REQUIREMENTS COORDINATE WITH ELECTRICAL, WALL MOUNT AT DOORS.
	EMERGENCY LIGHT HEADS - CEILING MOUNTED
	DC BATTERY UNIT, SEE ELECTRICAL DRAWINGS
	CEILING MOUNTED SPEAKER
	SUPPLY DIFFUSER
	RETURN DIFFUSER
	EXHAUST DIFFUSER
	Z x 4 RETURN DIFFUSER
	LINEAR SLOT DIFFUSER
	LOUDSPEAKER
	PENDANT MOUNTED SPEAKER

C-1	EXPPOSED CONSTRUCTION - PAINT (P-1) EXPOSED DUCTWORK, EXPOSED GRILLS, PIPING, STRUCTURE, ETC. UP TO (P-3) FINISH BOTTOM OF DUCTWORK, LOCK "DOVER GRAY" PPG 1001-1 (DRYFALL) 2X4 LAY-IN ACOUSTICAL CEILING PANEL USE INTERIORS, INC. FINISH: RADAR CLIMAPLUS ILLUSION TWO/24 NO. 2842 FINISH: FACTORY PREFINISHED WHITE
C-3	2X4 VINYL COATED LAY-IN ACOUSTICAL CEILING PANEL USE INTERIORS, INC. PATTERN: SHEETROCK CLIMAPLUS 83270 FINISH: VINYL VINYL, FINGER IN STIPPLE PATTERN
C-4	2X4 REINFORCED FIBERGLASS LAY-IN ACOUSTICAL CEILING PANEL CERTAINTED. PATTERN: SYMPHONY / 1340-IOF-1 FINISH: WHITE OVER WHITE
C-5	EXPPOSED GYPSUM BOARD-PAINT TO (P-3) "COMMERCIAL WHITE" #PPG1025-1.
C-6	BULKHEAD PAINT (P-3), DOVER GRAY #PPG1001-5 PPG PANTS.
C-7	FRP FINISH TO MATCH ROOM - FINISH, REFER TO INTERIOR ELEVATIONS.

16K 2025 US
INSTRUCTION
SET

FEBRUARY 12, 2025

ARCHITECT:

CONSULTANT:

11

Y SEAL:

THIS DRAWING IS NOT TO BE SCALED.

USED FOR:

[illegible]

PROJECT NO: 16K 2025 US INSTRUCTION SET

ORIGINAL SCALE:	
AS INDICATED	IF THIS BAR IS

AWN BY: XXX NOT 1" LONG, ADJUST YOUR PLOTTING

CHECKED BY: XXX	SCALE
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1st

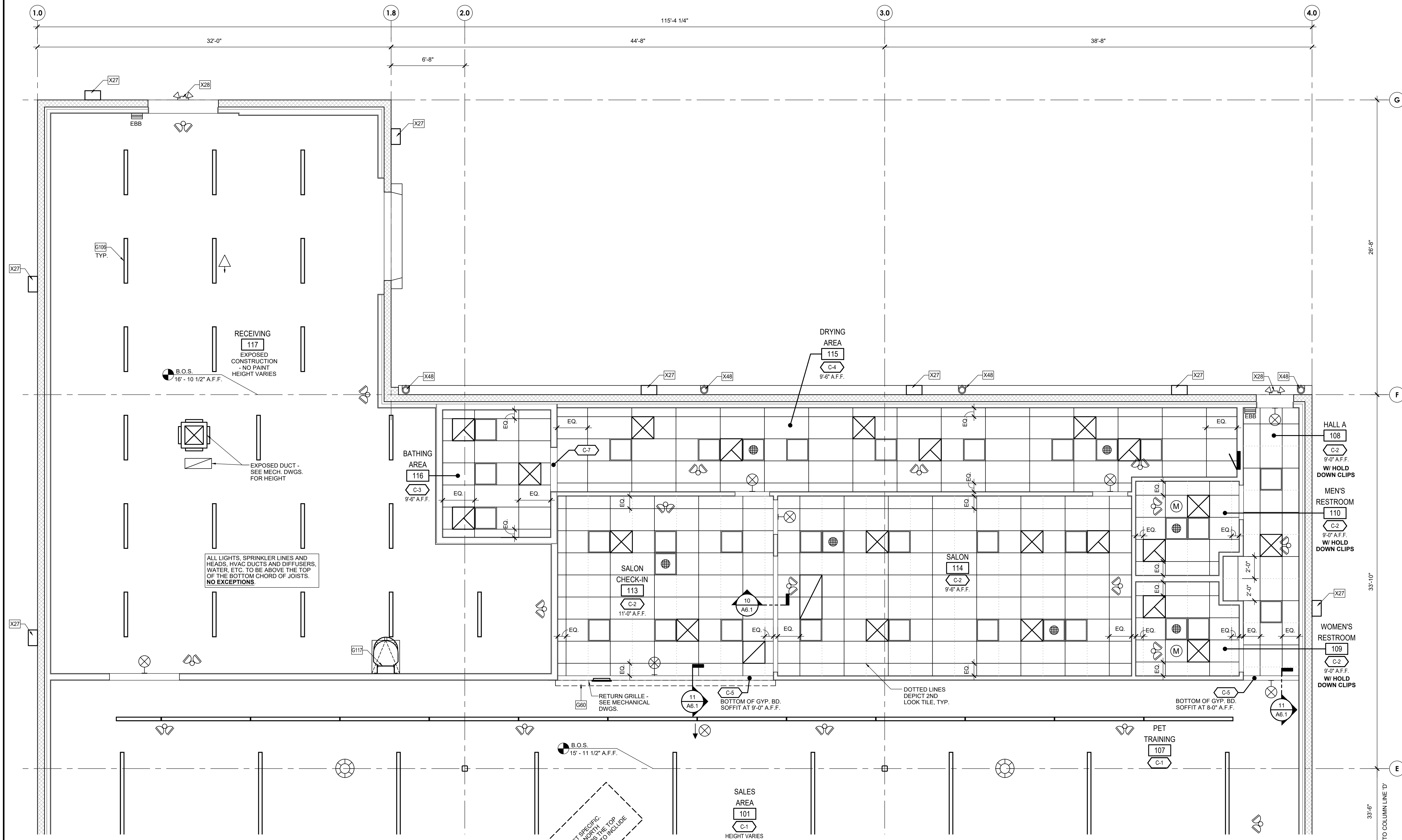
ARCHITECTURAL

E:

ENLARGED REFLECTED CEILING PLAN

SHEET NUMBER: _____

A3.1



DESIGNER NOTE:
TRUE NORTH TO BE PROJECT SPECIFIC.
TRUE NORTH IS REQUIRED IF THE NORTH
SECTION IS ALREADY ON THE NORTH
PAGE. THERE IS NO NEED TO INCLUDE
TRUE NORTH.

1 ENLARGED REFLECTED CEILING PLAN - BACK OF STORE
A3.1 SCALE: 1/4"=1'-0"

