

Figure 1: Typical Mechanical Room Layout. This cross-sectional diagram illustrates the vertical arrangement of various mechanical and electrical components in a room. From top to bottom, the layers are: ELEC. ZONE (containing a SPRINKLER LINE and ELECTRICAL CONDUIT); WATER ZONE (containing a SPRINKLER LINE); STEEL JOISTS; STEEL GIRDER; TYP. H.V.A.C. DUCT ZONE (containing an H.V.A.C. DUCT); and LIGHT FIXTURE ZONE (containing a LIGHT TROFFER). A vertical dimension line indicates a 'TYP. MIN. (SEE PLAN)' clearance between the H.V.A.C. duct zone and the light fixture zone.

- 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.
 7. PIPING AND CONDUIT PENETRATING WALLS, IN CUSTOMER AREAS, SHALL BE CONCEALED IN ADJACENT METAL STUD WALLS OR BOXED OUT, TO BE HIDDEN FROM CUSTOMER 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 AT 14'-0" OR 12'-0" A.F.F. (REFER TO ELECTRICAL)
	WALL MOUNTED 4' LED LIGHT AT 8'-0" OR 8'-0" A.F.F. (REFER TO ELECTRICAL)
	2X2 LED LIGHT IN T-BAR CEILING
	CEILING MOTION SENSOR
	CANOPY POT LIGHTS
	EXTERIOR WALL MOUNTED FIXTURE
	EMERGENCY EXIT SIGNAGE - LOCATION 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
	CEILING MOUNTED HEATER
	SUPPLY DIFFUSER
	RETURN DIFFUSER
	EXHAUST DIFFUSER
	2' x 4' RETURN DIFFUSER
	LINEAR SLOT DIFFUSER
	LOUDSPEAKER
	PENDANT MOUNTED SPEAKER
	SURGERY / TREATMENT LIGHT
	SCAVENGER CEILING OUTLET
	SCAVENGER UNIT
	CEILING MOUNTED HANGING RECEPTACLES

C-1	EXPONDED CONSTRUCTION - PAINT (P-1) EXPONDED DUCTWORK, EXPONDED GRILLS, PIPING, STRUCTURE, ETC. UP TO & INCLUDING BOTTOM OF DOOR/DOOR DOVER GRAY" PPG 1001-5 (DRYFALL)
C-2	2X4 LAY-IN ACOUSTICAL CEILING PANEL US INTERIORS, INC. PATTERN: RADAR CLIMPLUPS ILLUSION 2702/4 NO. 2842 FINISH: FACTORY PREFINISHED WHITE
C-3	2X4 VINYL COATED LAY-IN ACOUSTICAL CEILING PANEL, US INTERIORS, INC. PATTERN: SHEETROCK CLIMPLUPS #3270 FINISH: WHITE VINYL GLAZE IN STIPPLE PATTERN
C-4	2X4 REINFORCED FIBERGLASS LAY-IN ACOUSTICAL CEILING PANEL CERTAINTED PATTERN: SYMPHONY F 1340-OF-1 FINISH: WHITE OVER TOP
C-5	EXPONDED GYPSUM BOARD-PANEL (P-2) "COMMERCIAL WHITE" #PPG1025-1
C-6	BULKHEAD PANEL (P-3), DOVER GRAY PPG1001-5 PPG PANTS
C-7	FRP FINISH TO MATCH ROOM FINISH, REFER TO INTERIOR ELEVATIONS

PROJECT: 18K 2025 U.S.
VET SERVICES
INSTRUCTION
SET

FEBRUARY 12, 2025

ARCHITECT:

CONSULTANT:

SEAL:

CITY SEAL:

DISCLAIMER:

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THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR: _____

[illegible]

PROJECT NO: 18K 2025 US INSTRUCTION SET

ORIGINAL SCALE: AS INDICATED	
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DRAWN BY:	XXX	NOT 1" LONG, ADJUST YOUR
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CHECKED BY:	SCALE
XXX	

PAGE #:	GF:	1*
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DISCIPLINE: ARCHITECTURAL

TITLE: _____

ENLARGED
REFLECTED
CEILING PLAN

SHEET NUMBER:

A3.1

ENLARGED REFLECTED CEILING PLAN - BACK OF STORE

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

DESIGNER NOTE:
TRUE NORTH TO BE PROJECT SPECIFIC.
REVISE AS REQUIRED IF THE NORTH
DIRECTION IS ALREADY TOWARDS THE
OF THE PAGE. THERE IS NO NEED TO
PROJECT NORTH