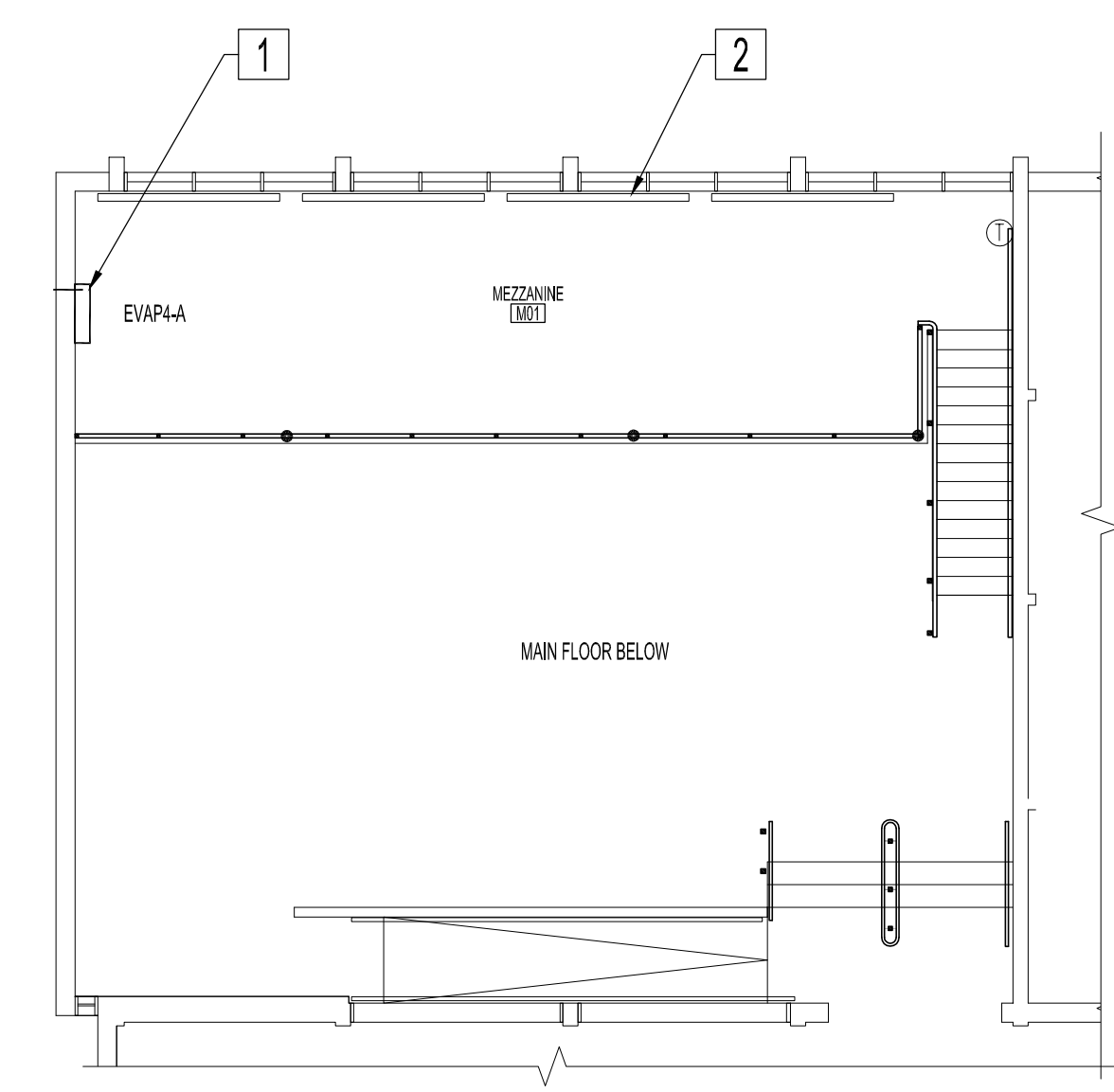
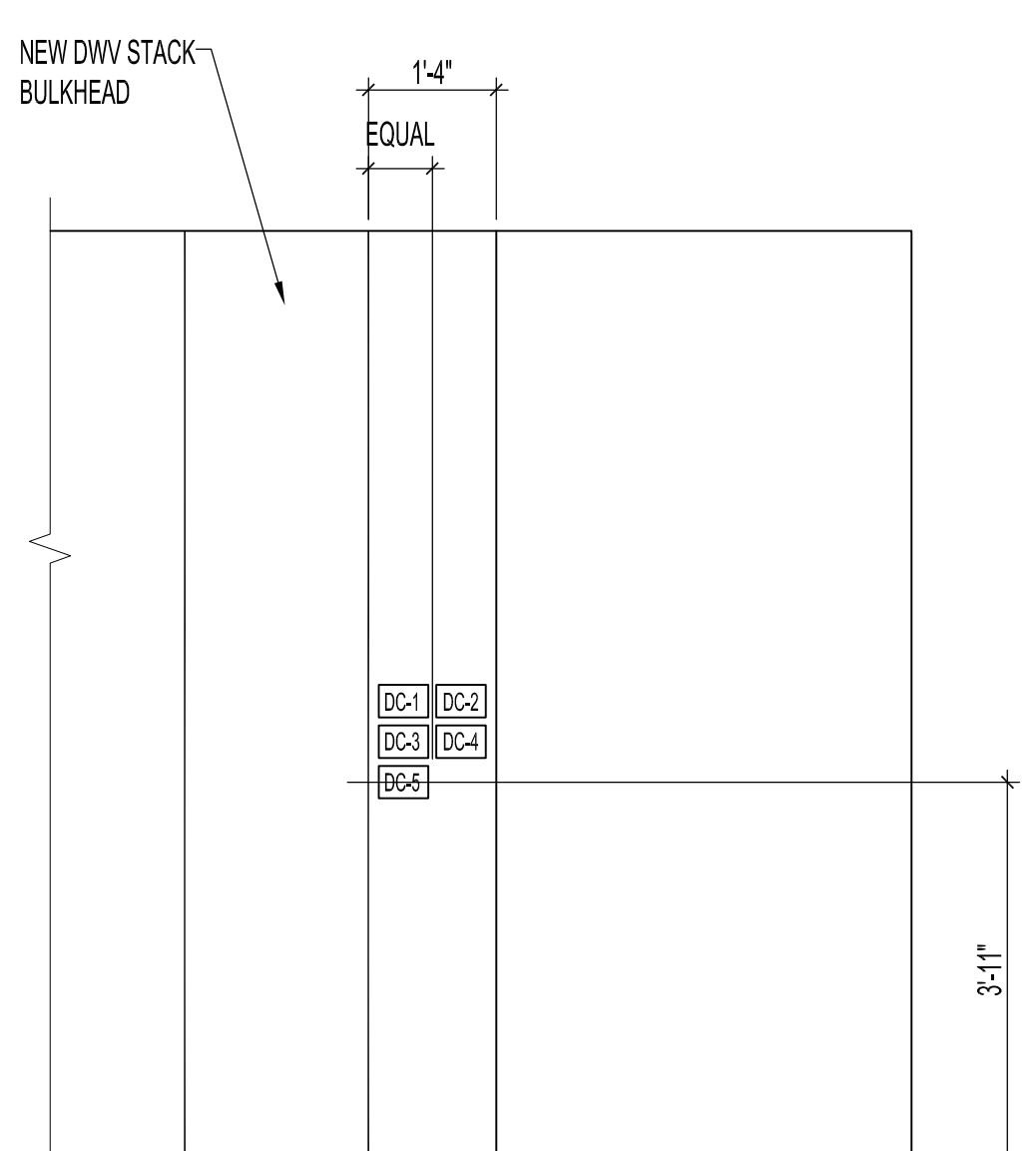


FILE NAME: 2011098MVD.dwg | DATE: 2012.09.28 | SHEET TITLE: MEZZANINE & MAIN FLOOR PLAN - RENOVATION - MECHANICAL | PROJECT No: 2011-096 | ADDRESS: 1360 PEMBINA HWY

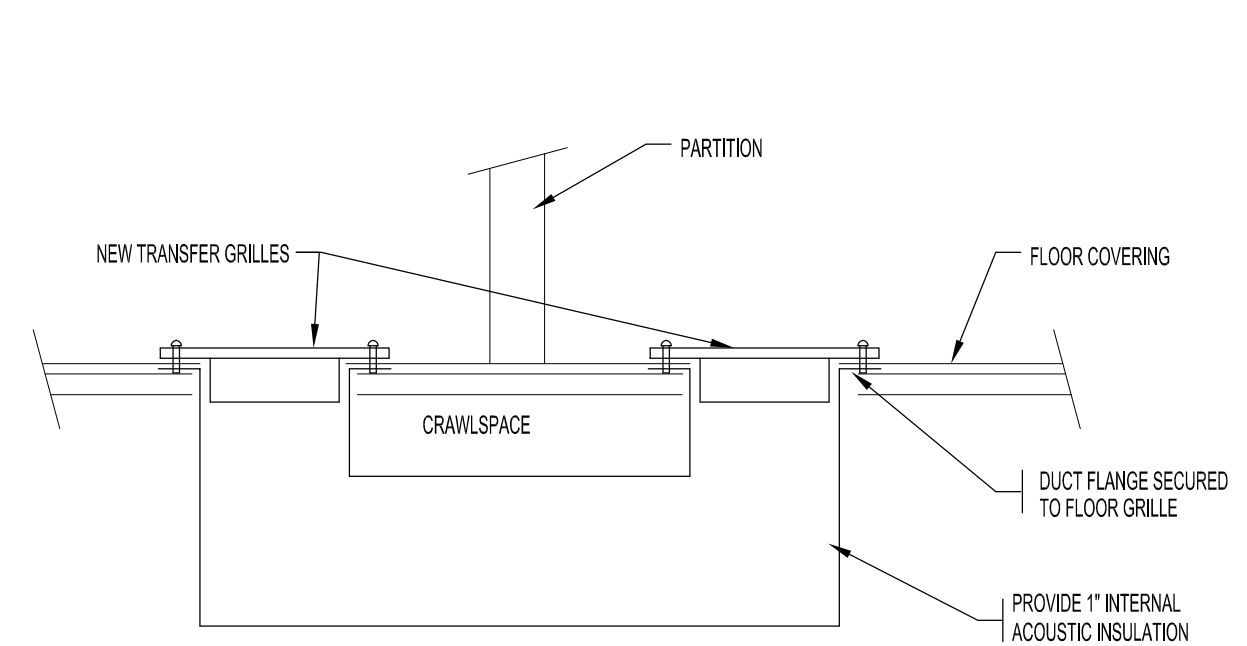
NOTES:
ALSO SEE ARCHITECTURAL, ROOF & ELECTRICAL DWGS & NOTES.



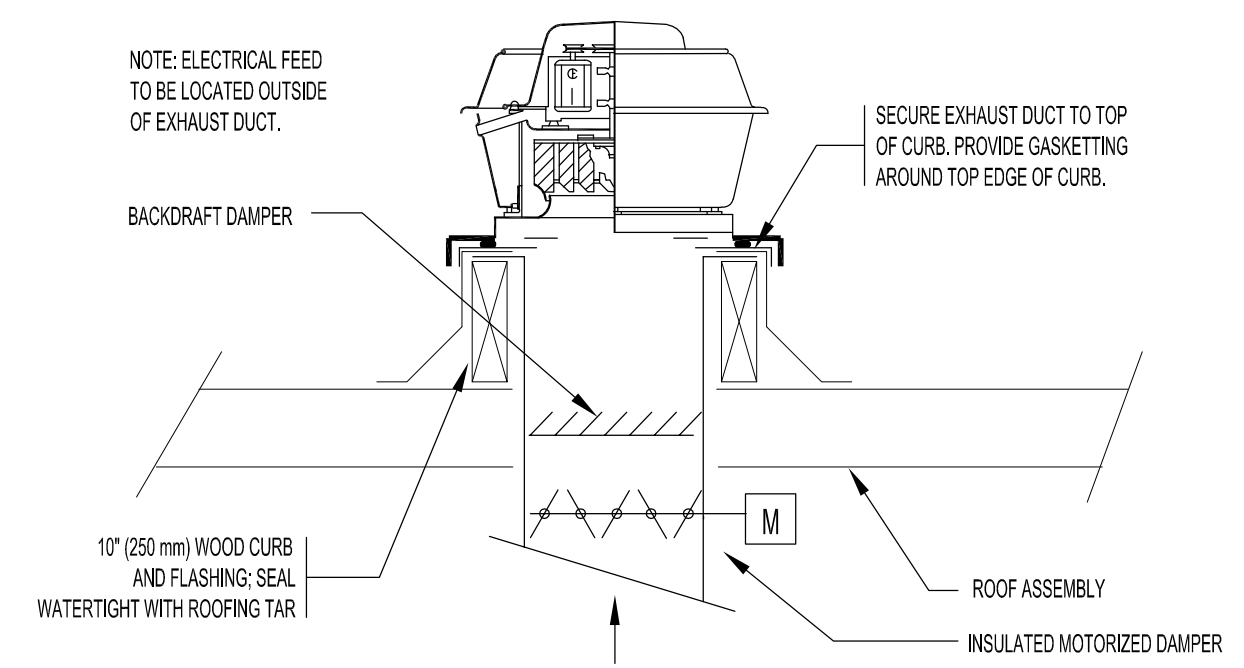
MEZZANINE FLOOR PLAN - RENOVATION - MECHANICAL
SCALE: 1/8"=1'-0"



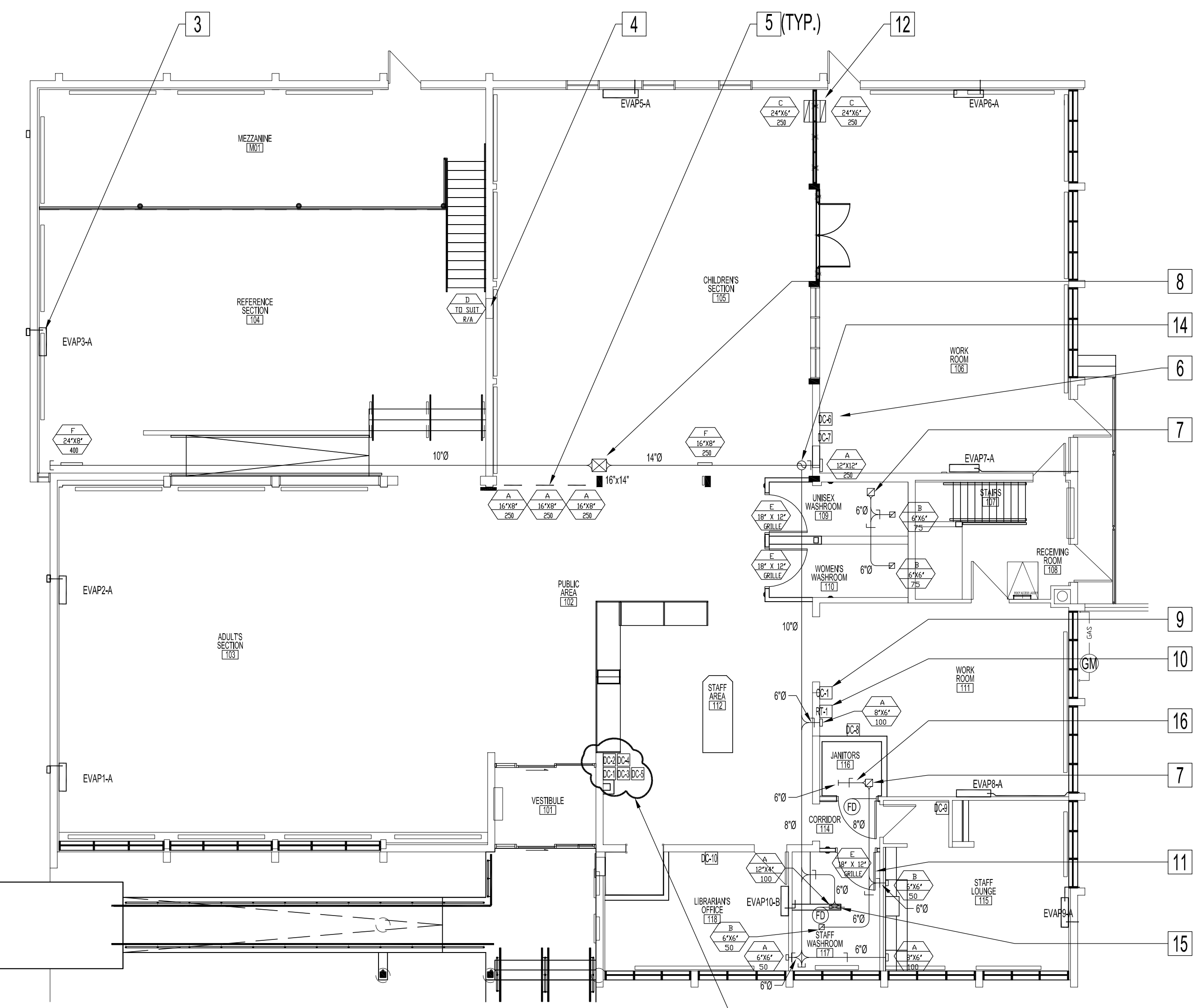
DETAIL - CONTROL MOUNTING
SCALE: N.T.S.



DETAIL - UNDERFLOOR TRANSFER DUCT
SCALE: N.T.S.



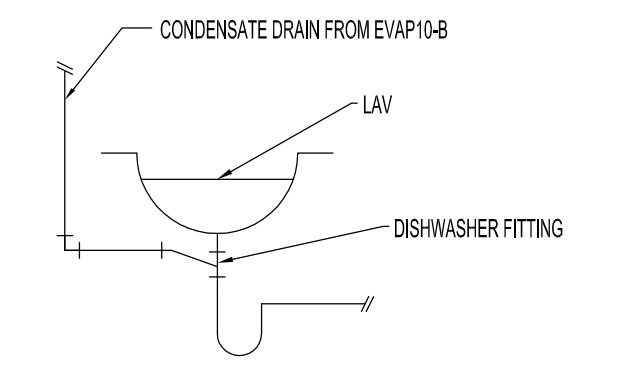
DETAIL - EXHAUST FAN INSTALLATION
SCALE: N.T.S.



MAIN FLOOR PLAN - RENOVATION - MECHANICAL
SCALE: 1/8"=1'-0"

MAIN FLOOR RENOVATION NOTES - MECHANICAL

- 1 NEW MEZZANINE WALL MOUNTED EVAPORATOR WITH NEW EXTERIOR STEEL SHROUD. MOUNT EVAP4-A AT 9'-0" ABOVE FINISHED FLOOR (AFF) TO TOP OF EVAPORATOR.
- 2 EXISTING RADIANT FIN TUBES. SEE MECHANICAL SYMBOLS.
- 3 NEW WALL MOUNTED EVAPORATORS. MOUNT EVAP. 1, 2 & 3 AT 9'-0" ABOVE FINISHED FLOOR (AFF) TO TOP OF EVAPORATOR. MOUNT EVAP. 5, 6, 7, 8, 9 & 10 AT 8'-0" ABOVE FINISHED FLOOR (AFF) TO TOP OF EVAPORATOR. THERMOSTATS MOUNTED BELOW EVAPORATORS AT 1'-48" AFF. SEE MECHANICAL DWG M1, NOTES.
 EVAP-1 & 3:
 RELOCATED EXISTING EXTERIOR STEEL SHROUDS TO COVER NEW EMTS, REFRIGERATION & COPPER CONDENSATE LINES. CONTRACTOR TO FABRICATE NEW TO REPAIR DAMAGED & MISSING SECTIONS. PAINT TO MATCH EXISTING.
 EVAP-2 & 4:
 FABRICATE NEW STEEL, PAINTED SHROUDS TO COVER EXPOSED CONDUITS, REFRIGERATION & COPPER CONDENSATE DRAIN LINES TO MATCH EXISTING SHROUDS. LENGTH TO ACCOMMODATE 2" (MINIMUM) PAST EXTERIOR BRICK.
 EVAP-5 & 6:
 REPAIR & RE-INSTALL EXISTING STEEL SHROUDS. TOUCH UP PAINT TO MATCH EXISTING.
 EVAP-7, 8 & 9:
 RUN NEW COPPER CONDENSATE DRAIN LINES DOWN ALONG EXTERIOR BRICK WALL TIGHT WITHIN CORNERS.
 EVAPORATOR 10:
 RUN & CONNECT NEW COPPER CONDENSATE DRAIN LINE WITH-IN INTERIOR WALL AND CONNECT TO LAVATORY IN STAFF WASHROOM. REFER TO DETAIL.
- 4 RETURN AIR GRILLE. CONNECT TO NEW ROOF TOP RETURN AIR DUCTWORK. CONTRACTOR TO CONFIRM EXISTING OPENING SIZE AND SUPPLY & INSTALL NEW GRILLE TO SUIT EXISTING OPENING. SUPPLY & INSTALL EXTERIOR 1" INTERIOR INSULATED DUCT TO 12" X 20", TRANSITION WITH ISOLATION CONNECTOR TO RTU-1 RETURN AIR. SEE RTU-1 RETURN AIR DUCT DETAIL.
- 5 SUPPLY AIR GRILLES. CONNECT TO NEW ROOF TOP SUPPLY DUCTWORK. ADJUST AIR FLOW AS INDICATED.
- 6 WALL-MOUNT EVAPORATOR CONTROLLERS 47" ABOVE FINISHED FLOOR (AFF). ALL WIRING TO BE CONCEALED BEHIND WALLS.
- 7 EXHAUST RISER TO EXHAUST FAN ON ROOF. SIZE TO SUIT.
- 8 16"X14" SUPPLY DUCT FROM RTU-1.
- 9 HEAT PUMP CENTRAL CONTROLLER, CC-1, INSTALLED ON OUTSIDE OF CASE WITH POWER SUPPLY TO BE INSTALLED IN VENTILATED CASE, SUPPLY & INSTALL. SEE HVAC SCHEDULE. MOUNTING LOCATION TO BE DETERMINED.
- 10 RTU MINI CONTROLLER, RT-1, SEE HVAC SCHEDULE.
- 11 NEW DOOR GRILLES, RM.109, 110, 117. SEE ARCHITECTURAL DWG A8.
- 12 UNDERFLOOR TRANSFER FROM WORK ROOM (106). REFER TO DETAIL.
- 13 WALL-MOUNT EVAPORATOR CONTROLLERS AS SHOWN WITH LOWEST AT 47" ABOVE FINISHED FLOOR. ALL WIRING TO BE CONCEALED BEHIND WALL. SEE DETAIL DWG. M4.
- 14 10"Ø SUPPLY DUCT TO DROP BELOW BEAM.
- 15 12"X4" SUPPLY DUCT TO RUN IN WALL TO BASEMENT STORAGE ROOM BELOW. PROVIDE TYPE "A" FIRE DAMPER AT FLOOR LINE. INSTALL SUPPLY GRILLE AT CEILING LINE.
- 16 6"Ø EXHAUST DUCT TO TERMINATE OPEN-ENDED IN JANITOR'S ROOM (116). COVER OPENING WITH 1/2" MESH SCREEN. PROVIDE BALANCING DAMPER AND BALANCE TO 50 CFM.
- 17 WIRE THERMOSTAT TO ROOFTOP UNIT.



DETAIL - CONDENSATE DRAIN TO LAVATORY
SCALE: N.T.S.

1	RE-ISSUED FOR TENDER	AI	2012.09.28
No.	REVISION/DESCRIPTION	BY	DATE



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DRAWN	RCP	CHECKED	DTA	DESIGNED	DTA	APPROVED
DATE	2012.08.17	USER	APPROVAL			

THE CITY OF WINNIPEG
PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3-65 GARRY STREET, R3C 4K4

PROJECT
FORT GARRY LIBRARY
INTERIOR & EXTERIOR REFURBISHING

1360 PEMBINA HWY
SHEET TITLE
MEZZANINE & MAIN FLOOR PLAN
RENOVATION
MECHANICAL

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2011-096	M-4 R-1

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1