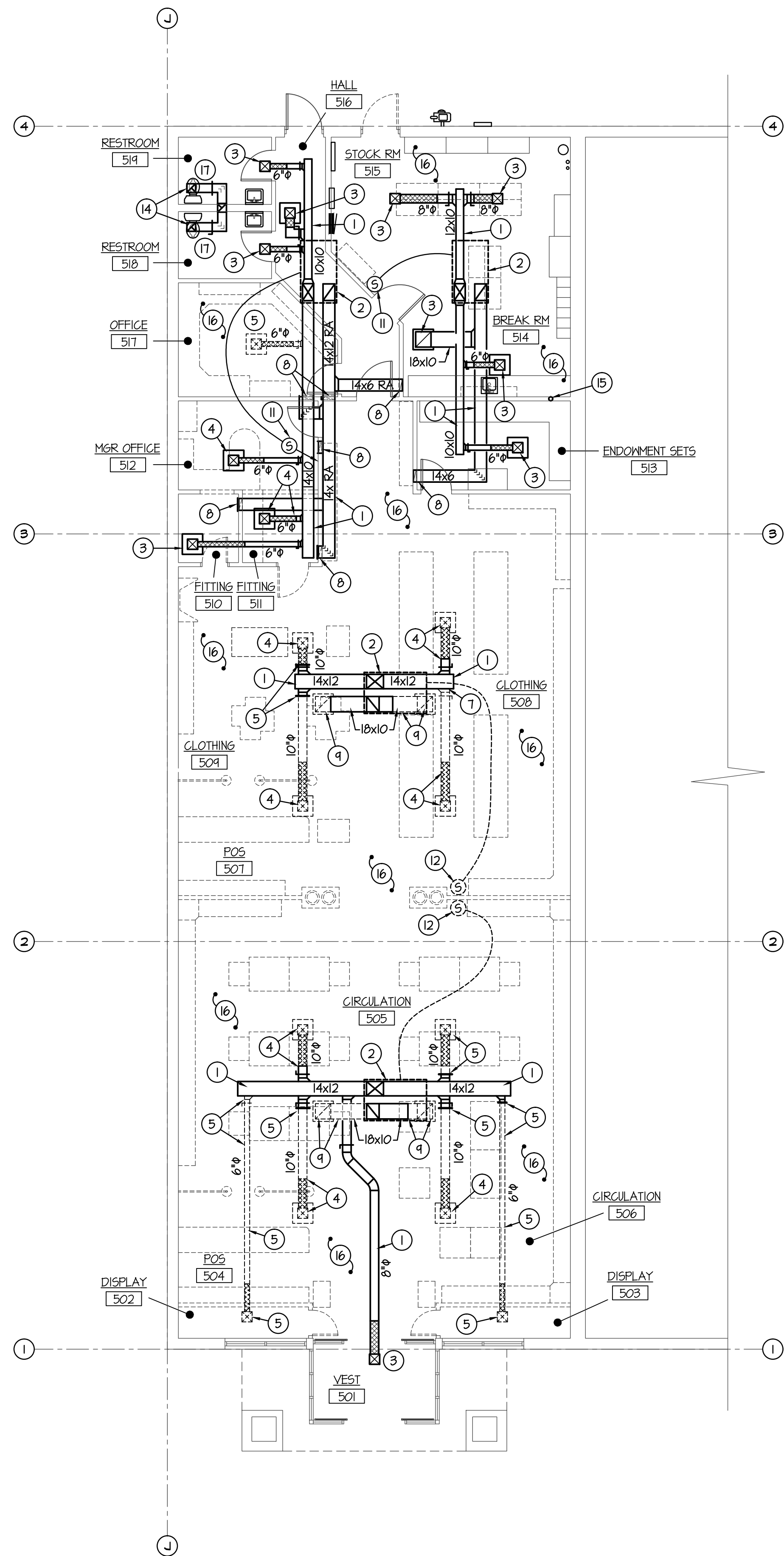
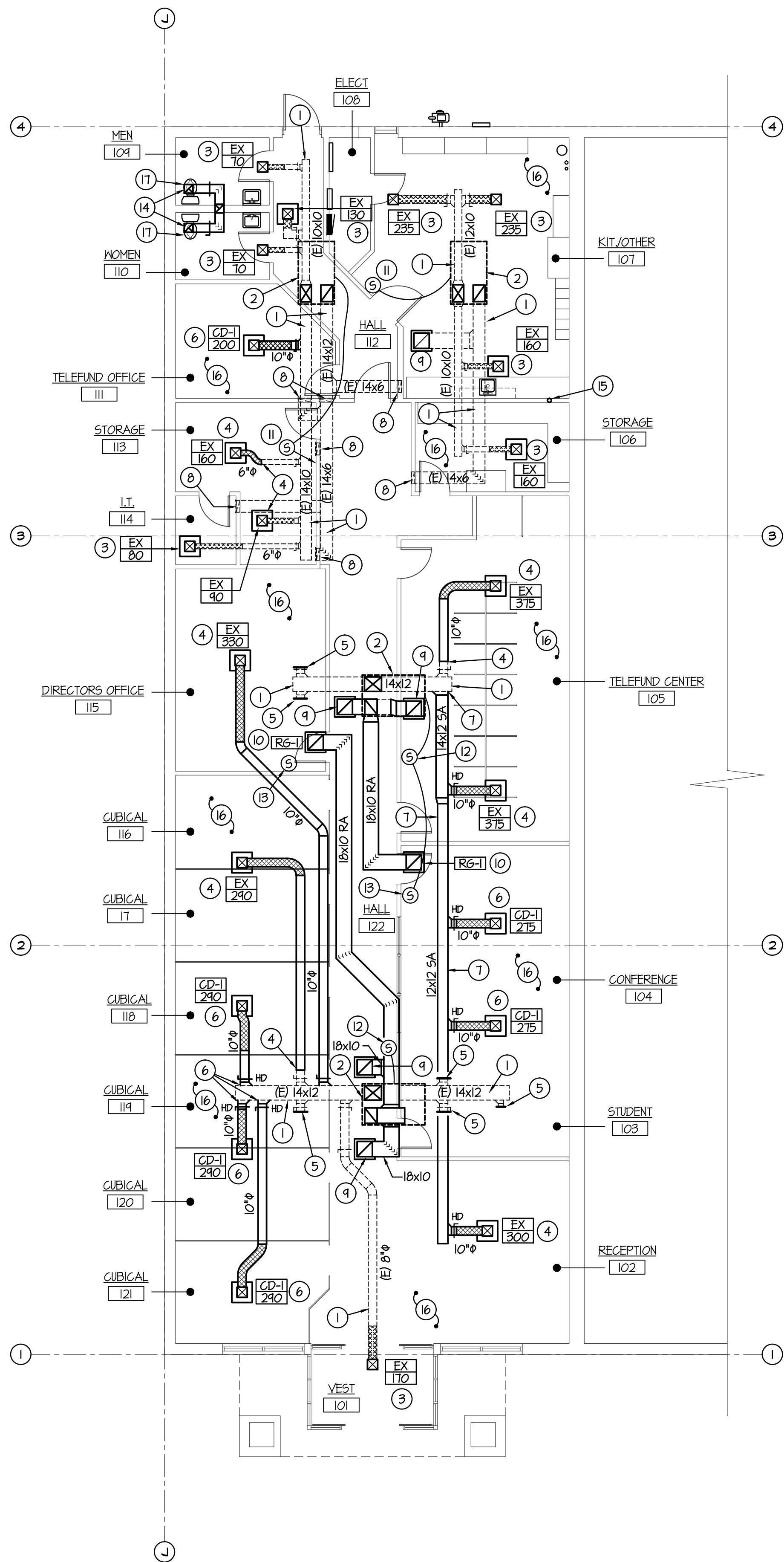
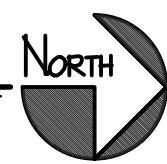


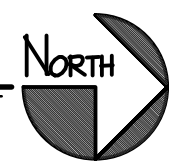
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FLOOR PLAN - MECHANICAL DEMO
SCALE: 1/8" = 1'-0"



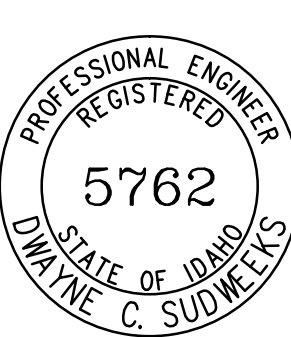
FLOOR PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"



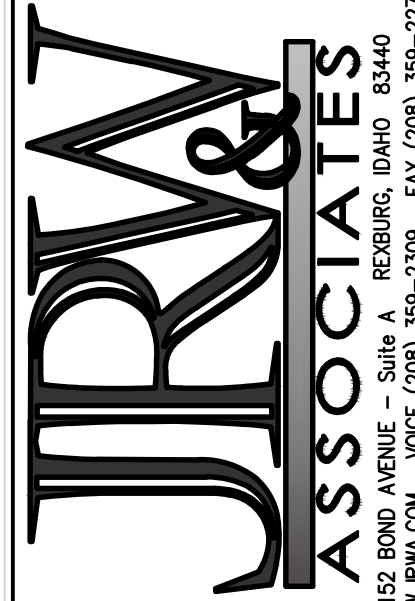
PLAN NOTES:

- EXISTING DUCTWORK IN CEILING SPACE TO REMAIN UNLESS NOTED OTHERWISE. FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING DUCTS.
- EXISTING ROOF TOP HVAC UNIT TO REMAIN. PROTECT DURING CONSTRUCTION.
- EXISTING CEILING DIFFUSER OR RETURN GRILLE AND BRANCH DUCT TO REMAIN. PROTECT DURING CONSTRUCTION. RE-BALANCE DIFFUSER TO CFM AS SHOWN ON PLAN.
- RELOCATE EXISTING CEILING DIFFUSER AS REQUIRED FOR NEW CEILING AND LIGHT FIXTURE LAY-OUT. REFER TO REFLECTED CEILING PLAN FOR ACTUAL LOCATIONS OF DIFFUSERS. EXTEND EXISTING BRANCH DUCT AS REQUIRED FOR NEW LOCATION.
- REMOVE EXISTING CEILING DIFFUSER AND ASSOCIATED BRANCH DUCT. GAP AT TAKE-OFF AND SEAL AIR TIGHT UNLESS NOTED OTHERWISE. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING DUCTWORK.
- INSTALL NEW CEILING DIFFUSER AS SPECIFIED. CONNECT NEW DIFFUSER TO NEW OR EXISTING DUCTWORK AS SHOWN ON PLAN. PROVIDE BALANCING DAMPER IN NEW BRANCH DUCTS AND BALANCE TO CFM AS SHOWN.
- CONNECT NEW 14x12 SUPPLY AIR DUCT TO EXISTING 14x12 SA DUCT AND RUN TO NEW DIFFUSERS AS SHOWN. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING DUCTWORK.
- EXISTING RETURN GRILLE AT FLOOR TO REMAIN. PROTECT GRILLE AND DUCTWORK IN WALL DURING CONSTRUCTION. FIELD VERIFY EXACT LOCATION OF EXISTING GRILLES.
- RELOCATE EXISTING CEILING RETURN AIR GRILLE AS REQUIRED FOR NEW CEILING AND LIGHT FIXTURE LAY-OUT. EXTEND EXISTING 18x10 DUCT AS REQUIRED FOR NEW GRILLE LOCATION. REFER TO REFLECTED CEILING PLAN FOR EXACT LOCATION OF GRILLES.
- PROVIDE AND INSTALL NEW CEILING RETURN AIR GRILLE AS SPECIFIED. CONNECT TO EXISTING ROOF TOP HVAC UNIT WITH 18x10 DUCT AS SHOWN IN PLAN. FIELD VERIFY EXISTING CONDITIONS AND ROUTE NEW DUCTWORK AS REQUIRED TO AVOID EXISTING BUILDING STRUCTURE, EXISTING DUCTWORK AND EXISTING PIPING.
- EXISTING ROOM SENSOR TO REMAIN. PROTECT DURING CONSTRUCTION AND MAINTAIN CONNECTION TO CORRESPONDING ROOF TOP HVAC UNIT.
- EXISTING ROOM SENSOR TO BE RELOCATED. MOUNT SENSOR ON WALL WHERE INDICATED ON PLAN AND RECONNECT TO EXISTING ROOF TOP HVAC UNIT. EXTEND AND/OR REMOVE EXISTING CONTROL CONDUIT AND WIRING AS REQUIRED FOR NEW SENSOR LOCATIONS.
- PROVIDE AND INSTALL NEW ROOM AVERAGING SENSOR. CONNECT TO EXISTING ROOF TOP HVAC CONTROL SYSTEM. EXISTING CONTROL SYSTEM IS HONEYWELL T-1350-2000.
- EXISTING CEILING MOUNTED EXHAUST FANS AND ASSOCIATED DUCTWORK TO REMAIN. PROTECT DURING CONSTRUCTION.
- EXISTING 4" DRYER VENT IN WALL TO REMAIN. PROTECT DURING CONSTRUCTION.
- MODIFY EXISTING SPRINKLER HEAD AND PIPING LOCATIONS AS REQUIRED FOR REMODEL WORK. NEW HEAD LAYOUT TO MEET NFPA13 CODE REQUIREMENTS. FIELD VERIFY EXACT HEAD AND PIPING LOCATIONS.
- REMOVE EXISTING WATER CLOSET AS REQUIRED FOR NEW FLOOR WORK BEING DONE. RE-INSTALL EXISTING FIXTURE AFTER WORK HAS BEEN COMPLETED. PROVIDE AND INSTALL NEW WAX RING AND BOLT CAPS ON EXISTING FIXTURE.

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: Jun 27, 2014
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
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PROJECT: **LDS PHILANTHROPIES**
REXEBURG, IDAHO
DRAWING TITLE: **MECHANICAL FLOOR PLANS**

REVISION:		
#	DATE	COMMENT
DRAWN BY:	M. JENSEN	JOB NO: 548
CHECKED BY:	D. SUDWEEKS	DATE: JUNE 2014
PLOT DATE:	Jun 30, 2014	
DRAWING NO.	M1.1	
OF	2	