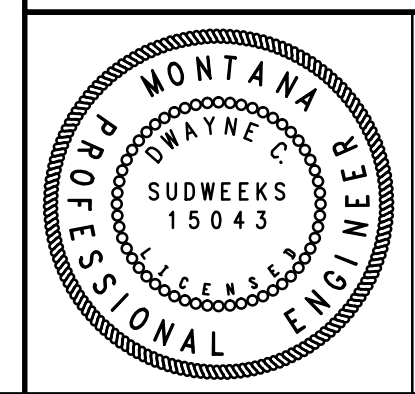
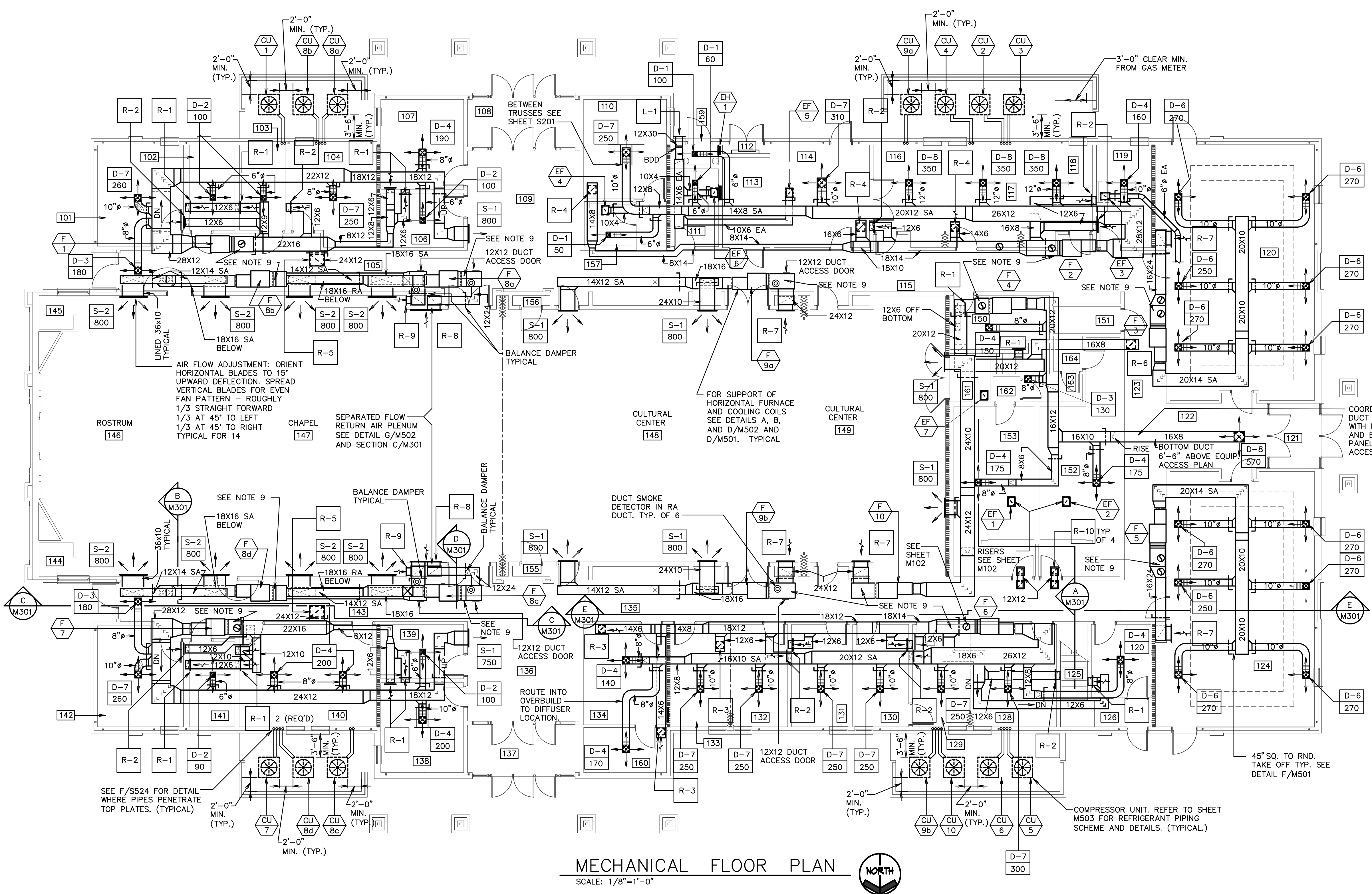


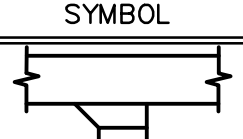
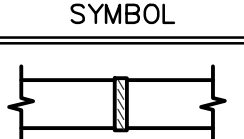
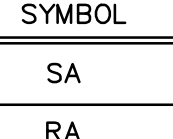
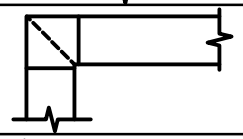
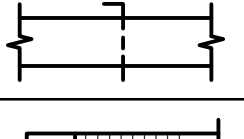
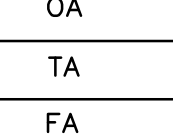
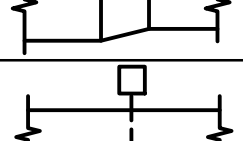
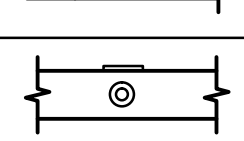
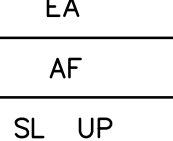
- GENERAL NOTES**
- DRAWINGS SHOW GENERAL ARRANGEMENT OF PIPING, DUCTWORK, EQUIPMENT, ETC. FOLLOW AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION AND WORK OF OTHER TRADES WILL PERMIT. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, AND ACCESSORIES THAT MAY BE REQUIRED. INVESTIGATE STRUCTURAL AND FINISH CONDITIONS AFFECTING THIS WORK AND ARRANGE WORK ACCORDINGLY. PROVIDE SUCH FITTINGS, VALVES, AND ACCESSORIES REQUIRED TO MEET CONDITIONS.
 - ALL DUCT DIMENSIONS SHOWN ARE CLEAR DIMENSIONS INSIDE DUCT LINER.
 - DO NOT USE LINER INSIDE RETURN AIR DUCT RISERS IN 2"x6" WALLS OF PERIMETER ROOMS.
 - WRAP ALL OUTSIDE AIR DUCTS WITH EXTERNAL INSULATION.
 - SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF GRILLES AND DIFFUSERS.
 - ALL PVC EQUIPMENT VENTS, PLUMBING VENTS, AND PENTHOUSE EXHAUST VENTS SHALL BE PAINTED TO MATCH ROOF COLOR.
 - MOUNT ALL DUCT SMOKE DETECTORS IN RETURN AIR STREAM ONLY. DO NOT MOUNT DOWNSTREAM OF MINIMUM OUTSIDE AIR CONNECTION.
 - DO NOT ROUTE PIPES ABOVE ELECTRICAL PANELS. MAINTAIN CLEAR ACCESS SPACE IN FRONT OF ALL ELECTRICAL PANELS 4'-0" DEEP AND 6'-6" HIGH.
 - CONNECTION OR PLENUM DIMENSIONS TO MATCH EXTERNAL FILTER SECTION. SEE FURNACE SCHEDULE AND DETAIL.

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWECKS
DATE ORIGINAL SIGNED: Sep 07, 2016
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
1355 EAST CENTER, POCATELLO, IDAHO 83201



**Engineered
Systems
Associates**
1355 EAST CENTER
POCATELLO, IDAHO 83201
PHONE: (208) 233-0501
FAX: (208) 233-0529
EMAIL: esa@engsystems.com
ESA JOB NUMBER: 15001



LEGEND					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	BRANCH DUCT TAKE-OFF SEE DETAIL A/M501		BDD - (BACK DRAFT DAMPER)		SUPPLY AIR
	SINGLE THICKNESS TURNING VANES		MANUAL VOLUME DAMPER		RETURN AIR AND RELIEF AIR TO ERV's
	DUCT TRANSITION		FLEX. CONNECTION 6'-0" MAX LENGTH - SEE DETAIL J/M501		OUTSIDE AIR
	MOTORIZED DAMPER		DUCT SMOKE DETECTOR. INSTALL 12x12 ACCESS DOOR AT ALL LOCATIONS		TRANSFER AIR
					FRESH AIR (ERV LABEL)
					EXHAUST AIR
					ABOVE FLOOR
					SLOPE UP OR DN

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

