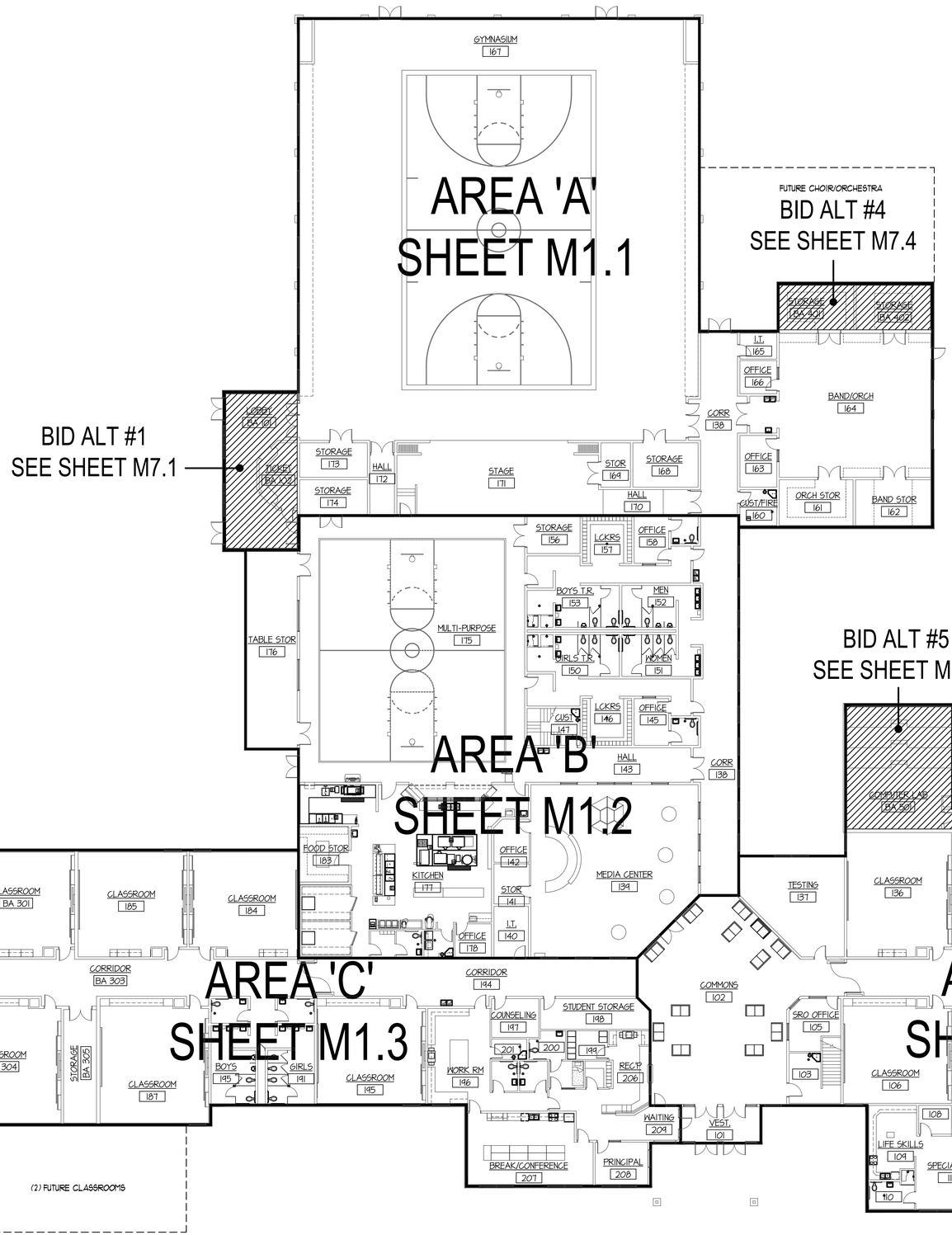

COMPOSITE MECHANICAL FLOOR PLAN

SCALE: 1/16" = 1'-0"

NORTH

MECHANICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
SA	SUPPLY AIR	HWS	HOT WATER SUPPLY PIPING		REDUCED PRESSURE BACKFLOW PREVENTER
RA	RETURN AIR	HWR	HOT WATER RETURN PIPING		MOTORIZED 3 WAY MIXING OR DIVERTING VALVE
OA	OUTSIDE AIR	HPS	HEAT PUMP SUPPLY PIPING		
REFR	REFRIGERANT	HPR	HEAT PUMP RETURN PIPING		
VFD	VARIABLE FREQUENCY DRIVE	CTS	COOLING TOWER SUPPLY PIPING		2 POSITION MOTORIZED VALVE
AFF	ABOVE FINISHED FLOOR	CTR	COOLING TOWER RETURN PIPING		
T	ELECTRONIC THERMOSTAT		DIRECTION OF FLOW INDICATOR	FAV	FIRE SPRINKLER RISER VALVE
S	REMOTE SENSOR		GATE VALVE		
1	PLAN NOTE		BALL VALVE		PRESSURE REDUCING VALVE
			STRAINER		
FC 1	EQUIPMENT SYMBOL		PIPE DROP		HEAT PUMP UNIT
			PIPE RISE		
	INSULATED FLEXIBLE DUCT		ELECTRIC WALL HEATER		LOCAL ATC PANEL
	DUCTWORK WITH EXTERIOR INSULATION	HD	HAND DAMPER		ROUND BRANCH DUCT WITH HAND DAMPER
	ROUND SPIRAL DUCTWORK	FD	FIRE DAMPER AND ACCESS		RECTANGULAR SUPPLY AND RETURN AIR DUCT TAKE-OFF
	ROUND FABRIC DUCT	M	MOTORIZED DAMPER		TURNING VANES
	RETURN AIR GRILLE	SD	SMOKE & FIRE DAMPER		DUCT TRANSITION
	CEILING DIFFUSER		CEILING MOUNTED EXHAUST FAN		SIDEWALL REGISTER (SUPPLY AIR)
	EXHAUST AIR GRILLE		ROOF TOP EXHAUST FAN		SIDEWALL GRILLE (RETURN AIR)

BID SET

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PROJECT:
SUGAR - SALEM
SD #322
JUNIOR HIGH SCHOOL
SUGAR CITY IDAHO

DRAWING TITLE:
COMPOSITE MECHANICAL FLOOR PLAN

REVISION:		
#	DATE	COMMENT

DRAWN BY: M JENSEN	JOB NO: 764
CHECKED BY: D SUDWEEKS	DATE: APR '20

PLOT DATE: Apr 06, 2020

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OF 17

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: Mar 05, 2020
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