NAMPA SCHOOL DISTRICT
SNAKE RIVER ELEMENTARY CONVERSION

SYMBOLS

BUILDING SECTION — A1 / 5.00

ENLARGED DETAIL — A1 / 5.10

INTERIOR ELEVATION — A1 / 7.10

EXTERIOR ELEVATION — A1 / 4.00

ELEVATION MARK — T.O. FLOOR 100'-0"

REVISION — X

WINDOW TYPES — 01 — SEE SHEET A6.00

FLOOR AND WALL ASSEMBLIES — S06.0A — SEE SHEET A8.00

CEILING AND ROOF ASSEMBLIES — C01 — SEE SHEET A8.20 & A8.30

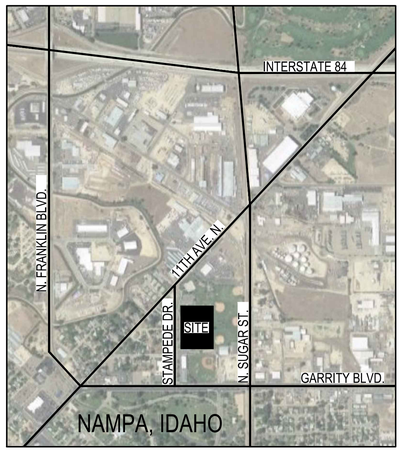
DOOR NUMBER — 01 — SEE DOOR SCHEDULE SHEET A3.30

MATERIAL KEY

- EARTH
- CMU
- CONCRETE
- CONTINUOUS STEEL
- PLYWOOD
- FINISH WOOD
- WOOD BLOCKING
- CONTINUOUS WOOD
- BATT INSULATION
- RIGID INSLULATION
- CRUSHED GRAVEL
- SAND

VICINITY MAP

NORTH



ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR	I.D.	INSIDE DIAMETER
ALT.	ALTERNATE	M.O.	MASONRY OPENING
L	ANGLE	MAX.	MAXIMUM
BRG	BEARING	MIN.	MINIMUM
B.M.	BENCH MARK	NTS	NOT TO SCALE
BLDG.	BUILDING	O.C.	ON CENTER
B.O.	BOTTOM OF	O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED
CLG.	CEILING	O.F.O.I.	OWNER FURNISHED OWNER INSTALLED
CL	CENTER LINE	O.H.	OPPOSITE HAND
C	CHANNEL	OPNG.	OPENING
C.O.	CLEAN OUT	OPP.	OPPOSITE
COL.	COLUMN	O.D.	OUTSIDE DIAMETER
CMU	CONCRETE MASONRY UNIT	d	PENNY
CONT.	CONTINUOUS	PL	PLATE
D.F.	DRINKING FOUNTAIN	R	RADIUS
DIA.	DIAMETER	REF.	REFERENCE
EA.	EACH	REV.	REVISION
ELEC.	ELECTRICAL	R.O.	ROUGH OPENING
ELEV.	ELEVATION	SCHED.	SCHEDULE
EQ.	EQUAL OR EQUIVALENT	SIM.	SIMILAR
FIN.	FINISH	SQ.	SQUARE
F.F.	FINISHED FLOOR	STD.	STANDARD
F.O.F.	FACE OF FINISH	T.O.	TOP OF
FLR.	FLOOR	T.G.	TOP OF GRADE
FTG.	FOOTING	T.W.	TRANSOM WINDOW
FND.	FOUNDATION	TYP.	TYPICAL
GR.	GRADE	U.N.O.	UNLESS NOTED OTHERWISE
HT.	HEIGHT	W.C.	WATER CLOSET
HORIZ.	HORIZONTAL		

PROJECT TEAM

ARCHITECTURAL

DESIGN WEST ARCHITECTS, P.A.
216 SW 5TH AVENUE SUITE 100
MERIDIAN, IDAHO 83642
TEL: (208) 888-1768

CONTACT:
CHRIS VONDEMKAMP
CVONDEMKAMP@DESIGNWESTID.COM

OWNER

NAMPA SCHOOL DISTRICT
619 S. CANYON STREET
NAMPA, IDAHO 83686
TEL: (208) 468-4600

CONTACT:
J. CORTNEY STAUFFER
CSTAUFFER@NSD131.ORG

CONSTRUCTION MANAGER

BENITON CONSTRUCTION
389 SW 5th AVENUE
MERIDIAN, IDAHO 83642
TEL: (208) 884-0027

CONTACT:
BRYCE PARKER
BPARKER@BENITON.COM

CIVIL

SUNSET ENGINEERING
4375 S. CARIE WAY
BOISE, IDAHO 83709
TEL: (208) 473-8056

CONTACT:
ART SCHULTZ
ART@SUNSETENGINEER.COM

MECHANICAL/PLUMBING

CATOR, RUMA & ASSOCIATES, CO.
420 S. ORCHARD STREET
BOISE, IDAHO 83705
TEL: (208) 343-3663

CONTACT:
LILLY JOHNSON
LJOHNSON@CATORRUMA.COM

ELECTRICAL

CATOR, RUMA & ASSOCIATES, CO.
420 S. ORCHARD STREET
BOISE, IDAHO 83705
TEL: (208) 343-3663

CONTACT:
KYLE OLSON
KOLSON@CATORRUMA.COM

STRUCTURAL

BHB ENGINEERS
390 E. CORPORATE DR. #104
MERIDIAN, IDAHO 83642
TEL: (208) 939-4041

CONTACT:
DARREN TRUCHOT
DARREN.TRUCHOT@BHBENGINEERS.COM

DRAWING INDEX

CIVIL

A1.00 COVER SHEET

C1.0 OVERALL SITE LAYOUT
C2.0 SITE PLAN - ACCESSIBLE REFUGE AREA ADDITION
C3.0 PATHWAY SECTIONS AND MISC. DETAILS
ESC1 EROSION AND SEDIMENT CONTROL PLAN

ARCHITECTURAL

A3.00 CODE PLAN
A3.01 CODE PLAN EXTERIOR
A3.20 COMPOSITE DEMOLITION PLANS
A3.21 DEMOLITION PLANS
A3.30 COMPOSITE FLOOR PLANS
A3.31 FLOOR PLANS
A3.41 FLOOR FINISH PLANS
A3.51 REFLECTED CEILING PLANS
A5.00 BUILDING SECTIONS & DETAILS
A6.00 DOOR TYPES & DETAILS
A7.10 INTERIOR ELEVATIONS & MLLWORK
A8.00 ASSEMBLIES & DETAILS
A8.20 CEILING ASSEMBLIES & DETAILS
A8.50 ARCH. DETAILS - INTERIOR

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S1.01 SCOPE OF WORK
S5.01 SCHEDULES AND DETAILS
S5.02 DETAILS

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M0.2 MECHANICAL SCHEDULES AND DETAILS
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MD1.2 FIRST FLOOR HVAC DEMO PLAN AREA C
M1.1 FIRST FLOOR HVAC PLAN AREA B
M1.2 FIRST FLOOR HVAC PLAN AREA C

P0.1 PLUMBING LEGENDS & GENERAL NOTES
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PD2.1 FIRST FLOOR WASTE & VENT PLAN AREA "B"
P1.0 FIRST FLOOR DOM. WATER PLAN AREA "A"
P1.1 FIRST FLOOR DOM. WATER PLAN AREA "B"
P2.0 FIRST FLOOR WASTE & VENT PLAN AREA "A"
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E0.2 ELECTRICAL SCHEDULES
E0.3 ELECTRICAL PANEL SCHEDULES
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ED3.1 FIRST FLOOR FIRE ALARM DEMO PLAN AREA B
ED3.2 FIRST FLOOR FIRE ALARM DEMO PLAN AREA C
E1.1 FIRST FLOOR LIGHTING PLAN AREA B
E1.2 FIRST FLOOR LIGHTING PLAN AREA C
E2.1 FIRST FLOOR POWER PLAN AREA B
E2.2 FIRST FLOOR POWER PLAN AREA C
E3.0 FIRST FLOOR FIRE ALARM PLAN AREA A
E3.1 FIRST FLOOR FIRE ALARM PLAN AREA B
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T0.1 TECHNOLOGY LEGENDS AND GENERAL NOTES
T0.2 TECHNOLOGY SCHEDULES AND DETAILS
T0.3 TECHNOLOGY SECURITY DOOR DETAILS
T0.4 TECHNOLOGY SECURITY DOOR DETAILS
TD2.0 FIRST FLOOR TECH DEMO PLAN AREA A
TD2.1 FIRST FLOOR TECH DEMO PLAN AREA B
TD2.2 FIRST FLOOR TECH DEMO PLAN AREA C
T2.0 FIRST FLOOR TECH PLAN AREA A
T2.1 FIRST FLOOR TECH PLAN AREA B
T2.2 FIRST FLOOR TECH PLAN AREA C

BID ALTERNATES

1. BID ALTERNATE #1: PAINT EXISTING CORRIDORS AND HALLWAYS.
2. BID ALTERNATE #2: PAINT EXISTING CLASSROOMS.
3. BID ALTERNATE #3: PAINT EXISTING RESTROOMS.
4. BID ALTERNATE #4: PAINT EXISTING GYMNASIUM AND KITCHEN.
5. BID ALTERNATE #5: PAINT EXISTING ADMINISTRATION SPACES AND OFFICES.

GENERAL NOTES

1. COORDINATE WITH MECHANICAL PLANS FOR MECHANICAL SCOPE OF DEMOLITION AND NEW CONSTRUCTION.
2. COORDINATE WITH ELECTRICAL PLANS FOR ELECTRICAL SCOPE OF DEMOLITION AND NEW CONSTRUCTION.
3. SHOULD MANUFACTURER'S INSTRUCTIONS CONFLICT WITH CONTRACT DOCUMENTS, REQUEST CLARIFICATION FROM ARCHITECT BEFORE PROCEEDING.
4. ANY CONFLICTING PORTION OF THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO CONSTRUCTION OF THAT PORTION.
5. EXISTING STRUCTURES, EQUIPMENT, UTILITIES, ETC. TO REMAIN AND BE PROTECTED, UNLESS NOTED OTHERWISE.
6. PROVIDE TESTING AND INSPECTION AS REQUIRED BY CODE AND AUTHORITIES HAVING JURISDICTION.
7. THE CONTRACTOR AGREES TO ASSUME SAFE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE DURING THE COURSE OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE ARCHITECT AND OWNER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ARCHITECT, OR THIRD PARTY IN VIOLATION OF THE LAW OR IN TRESPASS. THE CONTRACTOR SHALL PRACTICE SAFETY AT ALL TIMES AND SHALL FURNISH, ERECT, AND MAINTAIN SUCH FENCES, BARRICADES, LIGHTS, AND SIGNS NECESSARY TO GIVE ADEQUATE PROTECTION TO THE PUBLIC AT ALL TIMES. THE ARCHITECT MAKES NO WARRANTY THAT THE CONSTRUCTION-PHASE FENCES, ETC., ARE ADEQUATE TO ENSURE SAFETY DURING CONSTRUCTION OPERATIONS.

DESIGN WEST ARCHITECTS P.A.
MERIDIAN, IDAHO • PULLMAN, WASHINGTON
KENNEWICK, WASHINGTON • ONTARIO, OREGON
SPOKANE, WASHINGTON
www.designwestpa.com

DRAWN BY
EK

CHECKED BY
CV

JOB NUMBER
24008

REVISIONS

PROFESSIONAL ARCHITECT LICENSED AR-985764 STATE OF IDAHO CHRISTOPHER LEE VONDEMKAMP
05/03/24

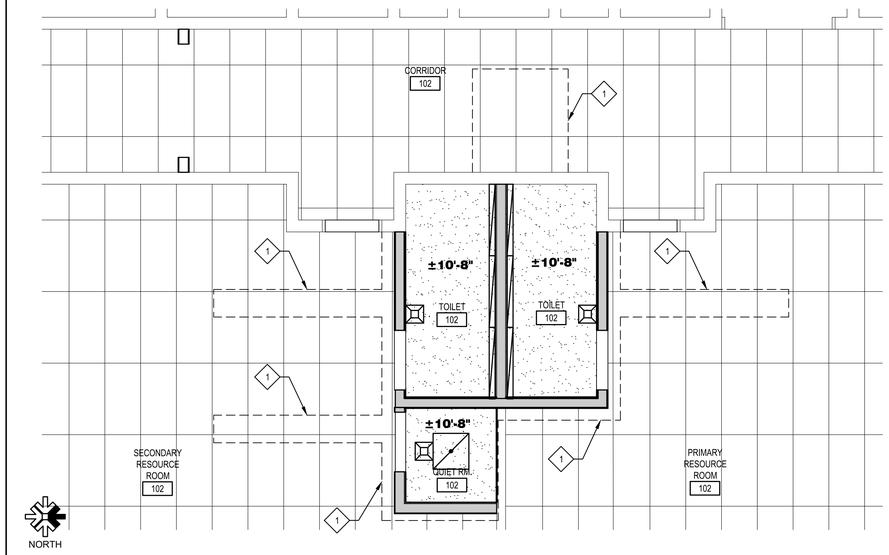
SNAKE RIVER ELEMENTARY SCHOOL CONVERSION

500 STAMPEDE DRIVE
NAMPA, ID 83687

DATE
08/01/2024

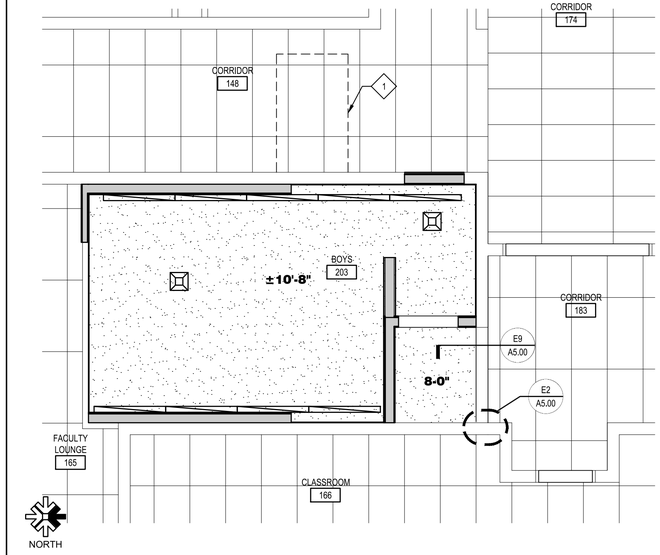
SHEET NAME
COVER SHEET

SHEET
A1.00



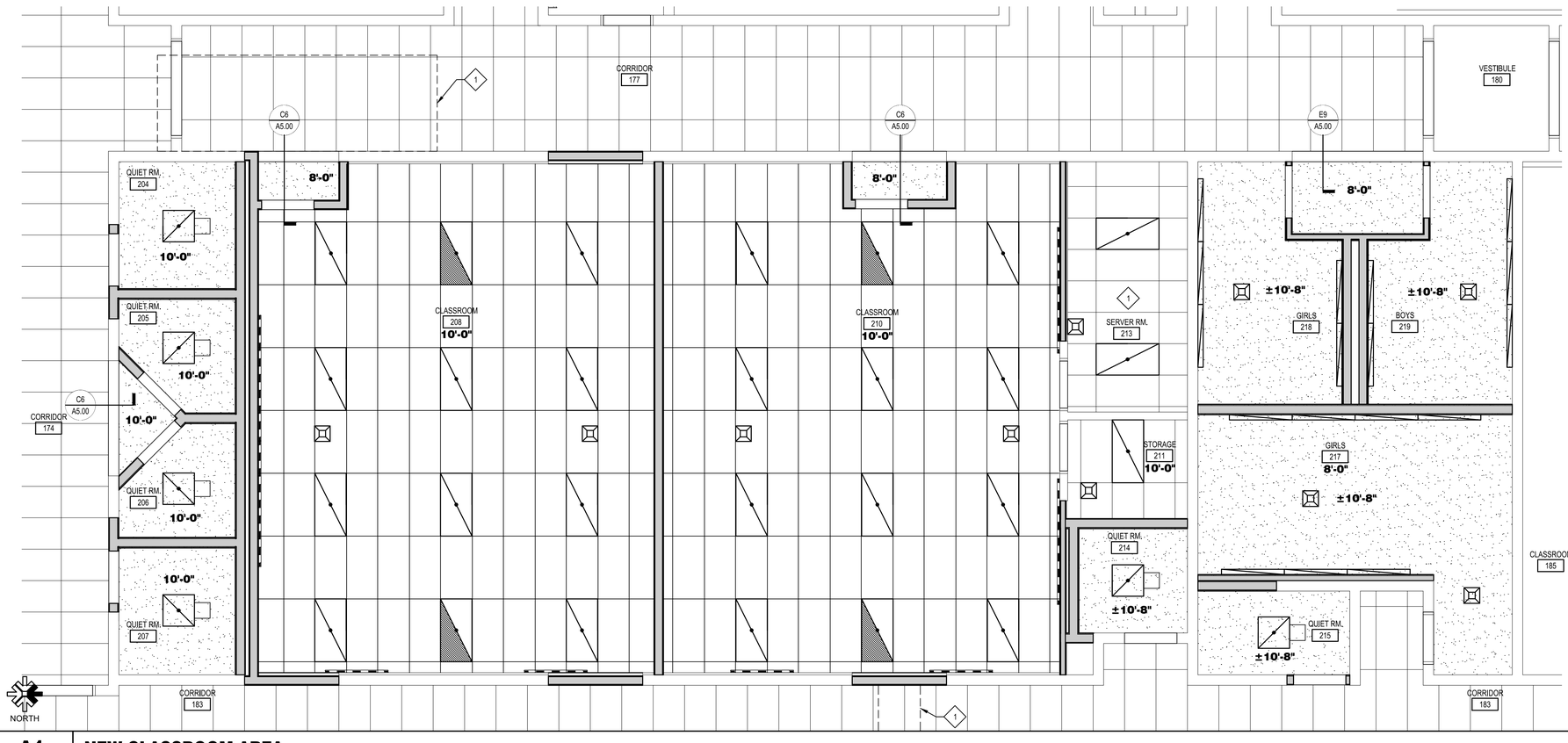
D2 KINDERGARTEN TOILETS

1/4" = 1'-0"



D6 ENLARGED FLOOR PLAN

1/4" = 1'-0"



A1 NEW CLASSROOM AREA

1/4" = 1'-0"

GENERAL NOTES

1. SEE MECHANICAL AND ELECTRICAL FOR HVAC DIFFUSERS AND LIGHTING.
2. SEE SHEET A8.20 FOR CEILING SYSTEM DETAILS.
3. INSTALL ACOUSTIC CEILING PANELS WITH UNDAMAGED EDGES FIT ACCURATELY INTO SUSPENSION SYSTEM RUNNERS AND EDGE MOLDINGS. SCRIBE AND CUT PANELS AT BORDERS AND PENETRATIONS TO PROVIDE A NEAT, PRECISE FIT.
4. COORDINATE STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING REQUIREMENTS, ROUTING, AND FIELD VERIFICATION.
5. ALL EXPOSED DUCTWORK AND GRILLES, FIRE SPRINKLER LINES, RACEWAYS, ETC. TO BE PAINTED PER FINISH SCHEDULES AND SPECIFICATIONS.

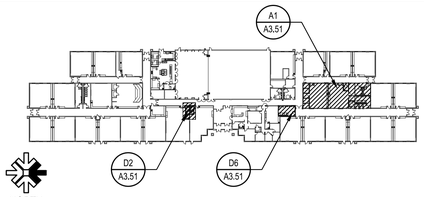
KEYED NOTES

1. PATCH BACK EXISTING ACOUSTIC CEILING GRID AND TILES AT THIS LOCATION.

LEGEND

- 09 29 00.01 - (1) LAYER GYP. BD. CEILING, 5/8" TYPE 'X'
- 09 51 23.12 - ACOUSTICAL CEILING - TYPE A 2x4 GRID CEILING
- OPEN TO STRUCTURE
- SEE ELECTRICAL FOR LIGHTING FIXTURES AND CEILING MOUNTED ELECTRICAL DEVICES
- SEE MECHANICAL FOR SUPPLY, RETURN, AND EXHAUST GRILLES

REFLECTED CEILING KEY PLAN



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05/03/24

SNAKE RIVER ELEMENTARY SCHOOL CONVERSION

500 STAMPEDE DRIVE
NAMPA, ID 83687

DATE
08/01/2024

SHEET NAME
REFLECTED CEILING PLANS

SHEET
A3.51

GENERAL LEGEND
(Not all symbols listed below are used on these drawings)

ABBR.	SYMBOL	DESCRIPTION
	X / X–X	SECTION DESIGNATION / SECTION CUT ON THIS SHEET
	X / X–X	VIEW REFERENCE DESIGNATION / VIEW REFERENCE ON THIS SHEET
	X / 123	EQUIPMENT UNIT IDENTIFICATION / EQUIPMENT UNIT NUMBER (UNIT SERVED – FLOOR – SEQUENCE #)
	A 10 / 250	DIFFUSER IDENTIFICATION / DIFFUSER NECK DIAMETER / DIFFUSER CFM
	E 86/24"L / 9999	LINEAR DIFFUSER IDENTIFICATION / LINEAR DIFFUSER NECK DIAMETER / LINEAR DIFFUSER LENGTH / LINEAR DIFFUSER CFM
	2'-6" / FTR / 3-6 / 28	FINNED TUBE RADIATOR ACTIVE ELEMENT LENGTH / EQUIPMENT UNIT IDENTIFICATION / EQUIPMENT UNIT NUMBER / RADIATOR ENCLOSURE LENGTH (OR W-W=WALL-TO-WALL)
	H1	KEYNOTE REFERENCE
	1	KITCHEN/OWNER/MEDICAL EQUIPMENT REFERENCE
		TYPICAL ROOM REFERENCE (TOP = RM #, BOTTOM = FLR)
		POINT OF CONNECTION, NEW TO EXISTING
		POINT OF DISCONNECTION, DEMO
		DIRECTION OF FLOW IN PIPE
		DUCTWORK, PIPING AND EQUIPMENT TO BE REMOVED
(E)		EXISTING
(N)		NEW
(R)		RELOCATED
(F)		FUTURE
DIA	ø	DIAMETER
WAD		WALL ACCESS DOOR
NIC		NOT IN CONTRACT
AFF		ABOVE FINISHED FLOOR
GC		GENERAL CONTRACTOR
MC		MECHANICAL CONTRACTOR
EC		ELECTRICAL CONTRACTOR
UNO		UNLESS NOTED OTHERWISE
C		COMMON
NC		NORMALLY CLOSED
NO		NORMALLY OPENED

ABBR.	SYMBOL	DESCRIPTION
		CAP END OF PIPE
	SLOPE	PITCH DOWN IN DIRECTION OF ARROW
		PIPE ANCHOR
		PIPE ALIGNMENT GUIDE
		UNION OR FLANGE
		CONCENTRIC PIPE REDUCER
		ECCENTRIC PIPE REDUCER
PRV		PRESSURE REDUCING VALVE
PTRV	T P	PRESSURE AND/OR TEMPERATURE RELIEF VALVE
		ISOLATION VALVE (RE: SPEC FOR TYPE)
		VERTICAL PIPE VALVE
CV		CHECK VALVE
		SOLENOID / MOTORIZED VALVE
		SOLENOID VALVE
		HOSE END DRAIN VALVE
P/T	P/T	PRESSURE / TEMPERATURE TAP
		STRAINER
		STRAINER W/ BLOWDOWN
		BRAIDED FLEXIBLE PIPE CONNECTOR
		TURNING VANES IN DUCT ELBOW
		DOUBLE-BOWL FLEXIBLE PIPE CONNECTOR
		THERMOMETER
		PRESSURE GAUGE
		SIGHT GLASS
C.A.P.		CEILING ACCESS PANEL
		PUMP
TB		THRUST BLOCK
MAV		MANUAL AIR VENT
AAV		AUTOMATIC AIR VENT

DOUBLE/SINGLE LINE DUCT LEGEND
(Not all symbols listed below are used on these drawings)

SINGLE LINE	DOUBLE LINE	SINGLE LINE	DOUBLE LINE	SINGLE LINE	DOUBLE LINE	SINGLE LINE	DOUBLE LINE
45° TEE (ROUND)		90° TEE (RECTANGULAR)	SEE DETAIL	FLEX DUCT	RIGID FLEX RIGID FLEX	90° RADIUS ELBOW	
45° TEE (RECTANGULAR)		90° TEE (ROUND)	CONICAL TEE	MANUAL VOLUME DAMPER		90° ELBOW	
DUCT SPLIT		GRD RUNOUT	RND REC TAKEOFF WITH VOLUME DAMPER	REDUCER	20 8	45° ELBOW	

HVAC LEGEND
(Not all symbols listed below are used on these drawings)

ABBR.	SYMBOL	DESCRIPTION
HWS	HWS	HOT WATER SUPPLY PIPING
HWR	HWR	HOT WATER RETURN PIPING
HTWS	HTWS	HIGH TEMPERATURE HEATING WATER SUPPLY PIPING
HTWR	HTWR	HIGH TEMPERATURE HEATING WATER RETURN PIPING
CHWS	CHWS	CHILLED WATER SUPPLY PIPING
CHWR	CHWR	CHILLED WATER RETURN PIPING
D	D	COOLING COIL DRAIN PAN PIPING
CWS	CWS	CONDENSER WATER SUPPLY PIPING
CWR	CWR	CONDENSER WATER RETURN PIPING
GHWS	GHWS	GLYCOL HEATING WATER SUPPLY PIPING
GHWR	GHWR	GLYCOL HEATING WATER RETURN PIPING
PCWS	PCWS	PROCESS CHILLED WATER SUPPLY PIPING
PCWR	PCWR	PROCESS CHILLED WATER RETURN PIPING
LPS	LPS	LOW PRESSURE STEAM SUPPLY PIPING (0 – 15#)
LPC	LPC	LOW PRESSURE CONDENSATE RETURN PIPING
MPS	MPS	MEDIUM PRESSURE STEAM SUPPLY PIPING (16# – 60#)
MPC	MPC	MEDIUM PRESSURE CONDENSATE RETURN PIPING
HPS	HPS	HIGH PRESSURE STEAM SUPPLY PIPING (61# – 125#)
HPC	HPC	HIGH PRESSURE CONDENSATE RETURN PIPING
PC	PC	PUMPED CONDENSATE PIPING
BBD	BBD	BOILER BLOWDOWN PIPING
BF	BF	BOILER FEED WATER PIPING
RL	RL	REFRIGERANT LIQUID PIPING
RS	RS	REFRIGERANT SUCTION PIPING
RHG	RHG	REFRIGERANT HOT GAS PIPING
TT	TT	THERMOSTATIC STEAM TRAP
F&T	F&T	FLOAT AND THERMOSTATIC STEAM TRAP
IBT	IBT	INVERTED BUCKET STEAM TRAP
TCV		(2 OR 3-WAY) TEMPERATURE CONTROL VALVE
		VENTURI METER
BV		CALIBRATED BALANCING VALVE
AFV		AUTO FLOW VALVE
RSV		REFRIGERANT SERVICE VALVE
DPS	DP	DIFFERENTIAL PRESSURE SWITCH
FS		FLOW SWITCH
EJ		EXPANSION JOINT
BJ		BALL JOINT EXPANSION COMPENSATOR
SA		SUPPLY AIR
RA		RETURN AIR
EA		EXHAUST AIR
OA		OUTSIDE AIR

ABBR.	SYMBOL	DESCRIPTION
		SUPPLY DUCT UP / DOWN
		RETURN DUCT UP / DOWN
		EXHAUST DUCT UP / DOWN
		ROUND DUCT UP / ROUND DUCT DOWN
42F12		FLAT OVAL DUCTWORK
		FLEXIBLE DUCT CONNECTION
BDD		BACKDRAFT DAMPER
TCD		TEMP. CONTROL DAMPER–OPPOSED BLADE
TCD		TEMP. CONTROL DAMPER– PARALLEL BLADE
MVD		MANUAL VOLUME DAMPER
MD	M	DUCT MOTORIZED DAMPER
		CONICAL FITTING WITH MVD
		SPIN–IN FITTING WITH MVD
FD		DUCT FIRE DAMPER
FSD	S	COMBINATION DUCT SMOKE & FIRE DAMPER
SD	S	DUCT SMOKE DAMPER
		DUCT SMOKE DETECTOR
DAD		DUCT ACCESS DOOR
EP		ELECTRIC–PNEUMATIC CONTROL VALVE
PE		PNEUMATIC–ELECTRIC CONTROL SWITCH
	S ES	WALL SWITCH / EMERGENCY SWITCH
	TS	TEMPERATURE SENSOR
	T	WALL MOUNTED THERMOSTAT
	CO2	WALL MOUNTED CARBON DIOXIDE SENSOR
	O2	WALL MOUNTED OXYGEN SENSOR
	H	HUMIDISTAT
		UNIT MOUNTED THERMOSTAT
	P PM	PRESSURE SENSOR / PRESSURE MONITOR
		UNDERCUT DOOR
		UNDERCUT DOOR
	RISE	DUCT RISE
	DROP	DUCT DROP
A.L.		ACOUSTICALLY LINED DUCTWORK
TCOAD		TEMPERATURE CONTROL OUTSIDE AIR DAMPER
TCRAD		TEMPERATURE CONTROL RETURN AIR DAMPER
TCEAD		TEMPERATURE CONTROL EXHAUST AIR DAMPER
SP IN WC		STATIC PRESSURE IN INCHES WATER COLUMN
EODM		END OF MAIN DRIP
SCCR		SHORT CIRCUIT CURRENT RATING
SD		SUPPLY AIR DEVICE
RG		RETURN AIR DEVICE
RG		RETURN AIR DEVICE WITH SOUND BOOT
EG		EXHAUST AIR DEVICE

GENERAL NOTES:

1. WORK INCLUDED IN THE CONTRACT IS DENOTED IN BOLD. EXISTING CONDITIONS TO REMAIN ARE DENOTED LIGHTLY.
2. A DETAILED METHOD OF PROCEDURE IS REQUIRED WHEN A CONSTRUCTION ACTIVITY AFFECTS THE SAFETY OF THE OCCUPANTS, OWNER'S EQUIPMENT OR VALUABLE CONTENTS OR ANY SYSTEM WHICH SUPPORTS THESE SYSTEMS; OR ESSENTIALLY AFFECTS THE BUILDING MANAGEMENT, OPERATIONS OR SECURITY.
3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF ANY WORK AND SHALL NOTIFY THE ENGINEER/ARCHITECT OF ANY DISCREPANCIES FOR RESOLUTION.
4. COORDINATE WORK WITH ALL TRADES.
5. CONTRACTOR IS RESPONSIBLE FOR SECURING AND WEATHERPROOFING ANY ROOF OPENING NOT COMPLETED DURING WORKING HOURS.
6. COORDINATE ALL DUCTWORK AND PIPING WITH EQUIPMENT, STRUCTURE, ETC.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR DEACTIVATION OF ROOF–MOUNTED EQUIPMENT AND ASSOCIATED INDOOR EQUIPMENT. ONLY ONE UNIT SHALL BE TAKEN OUT OF SERVICE AT ANY TIME, WITH REMAINDER OF UNITS LEFT OPERATIONAL.
8. CONTRACTOR SHALL NOT SHUT DOWN / TAKE OUT OF SERVICE ANY SYSTEMS WITHOUT FIRST COORDINATING WITH OWNER AND PREPARING M.O.P.
9. IN REMODEL AREA, A COMPLETE PRELIMINARY TEST AND BALANCE REPORT SHALL BE ACCOMPLISHED PRIOR TO ANY WORK. ANY OBVIOUS DEFICIENCIES SHALL BE IDENTIFIED AT THAT TIME. A COMPLETE REPORT OF ALL READINGS, RECOMMENDATIONS, ETC. SHALL BE SUBMITTED TO THE ENGINEER.

DEMOLITION GENERAL NOTES:

1. EXISTING ITEMS TO REMAIN ARE DENOTED LIGHTLY UNLESS OTHERWISE NOTED. ALL ITEMS SHOWN DARK AND DASHED SHALL BE REMOVED UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL NOT SHUT–OFF OR PUT–OUT OF SERVICE ANY SYSTEMS OR SERVICE WITHOUT FIRST COORDINATING WITH THE OWNER.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE AND UNDERSTAND THE EXTENT OF THE REMODEL WORK REQUIRED PRIOR TO BID. NO EXTRAS WILL BE ALLOWED FOR WORK REQUIRED TO ACHIEVE THE END RESULT AS INDICATED BY THE CONTRACT DOCUMENT.
4. CONTRACTOR SHALL DETERMINE AND COORDINATE THE EXACT EXTENT OF DEMOLITION TO FACILITATE ALL WORK INDICATED BY THE CONTRACT DOCUMENT.
5. PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK, VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES FOR RESOLUTION.
6. ALL ITEMS IDENTIFIED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. REMOVED ITEMS SHALL BE TURNED OVER TO THE OWNER UNLESS OTHERWISE NOTED AND STORED IN THE AREA DESIGNATED BY THE OWNER. REMOVE FROM SITE AND LEGALLY DISPOSE OF ALL ITEMS THE OWNER CHOOSES NOT TO ACCEPT.
7. WHERE EXISTING PIPING, T.C. TUBING/WIRING ETC. ARE TO BE REMOVED FROM WALLS WHICH ARE REMAINING, THE WALLS SHALL BE REPAIRED TO MATCH ORIGINAL CONDITIONS.
8. WHERE EXISTING PIPING TO BE REMOVED PASSES THROUGH FLOORS, THEY SHALL BE CUT BACK TO WITHIN CONCRETE AND FILLED WITH GROUT TO ACHIEVE A SMOOTH AND EVEN FINISH WITH CONCRETE SURFACE.

HVAC PLAN NOTES:

1. ALL SUPPLY AIR DIFFUSERS ARE 4–WAY AIR PATTERN UNLESS SHOWN OTHERWISE.
2. DUCT SIZE OF BRANCH DUCT TO AIR DEVICE SHALL BE THE SAME SIZE AS NECK SIZE OF AIR DEVICE UNLESS NOTED OTHERWISE.
3. UNLESS OTHERWISE NOTED, ALL SUPPLY AIR DUCTWORK SHALL BE EXTERNALLY WRAPPED TO THICKNESS AS STATED IN SPECIFICATIONS AND RETURN AND EXHAUST DUCTWORK IS NEITHER LINED NOR WRAPPED.
4. REFER TO ARCHITECTURAL DRAWINGS FOR ROOF PENETRATION DETAILS.
5. DUCT SIZES INDICATED ARE SHEET METAL SIZES. WHERE INTERNAL DUCT LINING IS PROVIDED, SHEET METAL SHALL NOT BE INCREASED IN SIZE.

BUILDING AUTOMATION SYSTEM SCOPE NOTES:

1. SCOPE OF WORK FOR THE BUILDING AUTOMATION SYSTEM SHALL INCLUDE THE INTEGRATION OF THE NEW EQUIPMENT (I.E. EXHAUST FAN).
2. ALL CONTROLS PRODUCTS, PROGRAMMING, AND INTEGRATION SHALL BE PROVIDED BY THE SAME TEMPERATURE CONTROLS PROVIDER WHICH IS EXISTING IN THE DISTRICT. A. DISTRICT STANDARD: ATS, ALERTON
3. DRAWINGS ARE DIAGRAMMATIC ONLY AND SEQUENCES ARE PROVIDED TO COMMUNICATE CONTROL INTENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT ON AND INSTALL A CONTROLS SYSTEM (CONTROL POINTS, HARDWARE, SOFTWARE, DATABASE AND GRAPHICS) THAT WILL ACCOMPLISH THE DESIGN INTENT, MEET SAFETY REQUIREMENTS AND INTEGRATE, AS APPLICABLE, TO PACKAGED AND 3RD PARTY CONTROLS.
4. PROVIDE ELECTRICAL WORK AS REQUIRED, COMPLYING WITH REQUIREMENTS OF DIVISION 23, DIVISION 26 AND DIVISION 27 SECTIONS INCLUDING, BUT NOT LIMITED TO RACEWAYS, WIRES, CABLES, ELECTRICAL IDENTIFICATION, SUPPORTING DEVICES AND ELECTRICAL CONNECTIONS FOR EQUIPMENT.
5. THE SEQUENCES INDICATED IN SCHEDULES REPRESENT THE DESIGN INTENT FOR THE OPERATION OF THE EQUIPMENT CONTAINED WITHIN THIS SECTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE METHOD AND EXTENT OF CONTROL WITH VARIOUS VENDORS, MANUFACTURERS AND SPECIALTY CONTRACTORS TO ACCOMPLISH THIS INTENT.
6. THESE SEQUENCES ARE INTENDED TO BE PERFORMANCE BASED. IMPLEMENTATIONS THAT PROVIDE THE SAME FUNCTIONAL RESULT USING DIFFERENT UNDERLYING DETAILED LOGIC WILL BE ACCEPTABLE IF THE APPROACH IS CLEARLY ILLUSTRATED IN THE CONTRACTOR'S SUBMITTAL AND COORDINATED PRIOR TO IMPLEMENTATION.

IECC INFORMATION ON CONSTRUCTION DOCUMENTS FOR MECHANICAL DRAWINGS

THE FOLLOWING INFORMATION IS PROVIDED TO ACCOMMODATE THE REQUIREMENTS FOR THE CODE SECTION REFERENCED BELOW ON LINE ITEMS 4, 5, 6, 7, 8, & 9 FOR MECHANICAL SYSTEMS ON THIS PROJECT.

IECC 2015/2018-C103.2 INFORMATION ON CONSTRUCTION DOCUMENTS.

4. MECHANICAL SYSTEM DESIGN CRITERIA.

[X] NOT APPLICABLE TO THIS PROJECT.

HVAC HEATING & COOLING LOADS ARE CALCULATED IN ACCORDANCE WITH THE ASHRAE FUNDAMENTALS HANDBOOK.

DESIGN PROJECT ELEVATION

3600 FEET ELEVATION FOR THE PROJECT SITE LOCATION.

0.982 ALTITUDE CORRECTION FACTOR FOR HEAT TRANSFER CALCULATION REQUIRED.

DESIGN TEMPERATURES

98	°F DB OUTDOOR SUMMER	75	°F DB INDOOR SUMMER
64	°F WB OUTDOOR SUMMER	20	%RH INDOOR SUMMER
8	°F DB OUTDOOR WINTER	70	°F DB INDOOR WINTER

DESIGN OUTSIDE AIR VENTILATION

[X] IMC 2015/2018 CHAPTER 4

[ ] ASHRAE STANDARD 62.1 VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY

[ ] ASHRAE STANDARD 62.2 VENTILATION AND ACCEPTABLE INDOOR AIR QUALITY IN LOWRISE RESIDENTIAL BUILDINGS

[ ] ANSI/ASHRAE/ASHE STANDARD 170 VENTILATION OF HEALTH CARE FACILITIES

5. MECHANICAL AND SERVICE WATER HEATING SYSTEM AND EQUIPMENT TYPES, SIZES AND EFFICIENCIES.

[X] NOT APPLICABLE TO THIS PROJECT.

[ ] REFER TO EQUIPMENT SCHEDULES, NOTES & SPECIFICATIONS FOR SYSTEM & EQUIPMENT TYPES, EQUIPMENT SIZES & EFFICIENCES.

6. ECONOMIZER DESCRIPTION.

[X] NOT APPLICABLE TO THIS PROJECT.

[ ] REFER TO ECONOMIZER SEQUENCES OF OPERATION IN SPECIFICATION SECTION 230993 OR ON DRAWINGS FOR DESCRIPTION OF AIR HANDLING & ROOFTOP UNITS.

7. EQUIPMENT AND SYSTEM CONTROLS.

[ ] NOT APPLICABLE TO THIS PROJECT.

[X] REFER TO SEQUENCES OF OPERATION IN SPECIFICATION SECTION 230993 OR ON THE DRAWINGS FOR EQUIPMENT & SYSTEM CONTROLS.

8. FAN MOTOR HORSEPOWER (HP) AND CONTROLS.

[ ] NOT APPLICABLE TO THIS PROJECT.

[X] REFER TO EQUIPMENT SCHEDULES FOR FAN MOTOR HORSEPOWER (HP). REFER TO SEQUENCES OF OPERATION IN SPECIFICATION SECTION 230993 OR ON THE DRAWINGS FOR FAN CONTROLS.

9. DUCT SEALING, DUCT AND PIPE INSULATION AND LOCATION.

[ ] NOT APPLICABLE TO THIS PROJECT.

[X] REFER TO SPECIFICATION SECTION 233113 MECH DUCTS FOR DUCT SEALING REQUIREMENTS. REFER TO SPECIFICATION SECTION 230700 INSULATION FOR MECHANICAL SYSTEMS FOR DUCT & PIPE INSULATION REQUIREMENTS FOR THE SYSTEMS SHOWN ON THE DRAWINGS.

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JOB NUMBER
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REVISIONS

PROFESSIONAL ENGINEER LICENSED 20608 08/01/2024 STATE OF IDAHO LILLIAN J. JOHNSON

SNAKE RIVER ELEMENTARY SCHOOL CONVERSION

500 STAMPEDE DRIVE NAMPA, ID 83687

DATE
08/01/2024

SHEET NAME
MECHANICAL LEGENDS & GENERAL NOTES

SHEET
M0.1

FAN SCHEDULE

DESIG.	MFR.	MODEL	FAN TYPE	SERVICE	FAN CLASS	WHEEL DIA. (INCHES)	CFM AT ELEV	E.S.P. IN. W.C.	APPROX. RPM	TIP SPEED (FPM)	OUTLET VELOCITY (FPM)	MOTOR BHP	MOTOR HP OR WATTS	MOTOR VOLTAGE	MOTOR PHASE	MOTOR ECM (YES/NO)	MOTOR VFD/RELAY/STARTER	MOTOR VFD BYPASS (YES/NO)	FEI VALUE	DRIVE TYPE	VIBRATION ISOLATOR TYPE
EF-1	GREENHECK	SP-A90	CENTRIFUGAL CEILING CABINET	TOILET 202	I	10	70	0.26	900	2,356	379	0.01	14 W	115	1	YES	STARTER	NO	-	DIRECT	NONE
EF-2	GREENHECK	CUE-095-D	UPBLAST CENTRIFUGAL ROOF	BOYS 203	I	11	490	0.50	1550	4,464	435	0.10	1/8 HP	115	1	YES	STARTER	NO	-	DIRECT	CURB

DESIG.	BACKDRAFT DAMPER (BDD) TYPE & LOCATION	BDD AIR PRESS DROP (IN WC)	APPROX. THROAT DIM. (IN)	ARRANGE. & MOUNTING	SOUND BAND / Hz / LOCATION	1 / 63	2 / 125	3 / 250	4 / 500	5 / 1000	6 / 2000	7 / 4000	8 / 8000	SONES	SIZE (INCHES) L	W	H	OPER. WEIGHT LBS.	CONTROL	REMARKS
EF-1	GRAVITY BDD INLET	0.01	6.00	CEILING, HORIZONTAL	INLET	40	44	40	40	39	32	22	16	.5	11	13	9	12	LIGHT SWITCH	1, 2
EF-2	GRAVITY BDD IN CURB	0.01	10.00	CURB MOUNTED	INLET	73	74	72	65	55	58	52	31	7.9	22	22	27	35	LIGHT SWITCH	3

GENERAL REMARKS:

A. REFER TO ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS, INCLUDING COORDINATION OF VOLTAGE, PHASE, SCCR, WIRE SIZES, AND OVERCURRENT PROTECTIVE DEVICES.
REFER TO ELECTRICAL ONE-LINE DIAGRAM FOR MINIMUM FAULT CURRENT RATING THAT EACH UNIT SHALL EXCEED. UNIT NAMEPLATE SHALL INDICATE THE SHORT CIRCUIT CURRENT RATING.
B. PROVIDE SHAFT GROUNDING RINGS FOR EACH BEARING ON MOTORS POWERED THROUGH VARIABLE FREQUENCY DRIVES.
C. FEI = FAN ENERGY INDEX IN ACCORDANCE WITH AMCA 208.
D. FAN E.S.P. INCLUDES DAMPER PRESSURE DROP. INCLUDE DAMPER PRESSURE DROP IN SUBMITTAL.
E. REFER TO MECHANICAL LEGENDS AND NOTES SHEET FOR PROJECT ELEVATION.

SPECIFIC REMARKS:
1. ADD ROOF CAP.
2. CONTRACTOR SHALL INTEGRATE ENABLE/DISABLE OF FAN WITH LIGHTING CONTROLS. PER SPECIFICATIONS, PROVIDE TIME DELAY SWITCH FOR FAN TO RUN FOR AN ADDITIONAL 10 MINUTES AFTER LIGHTS ARE DISABLED.
3. CONTRACTOR SHALL PROVIDE BUILDING AUTOMATION SYSTEM CONTROL TO INTEGRATE FAN TO EXISTING SYSTEM. FAN SHALL RUN CONTINUOUSLY DURING OCCUPIED TIMES AND BE DISABLED DURING UNOCCUPIED TIMES BASED ON THE BUILDING AUTOMATION SYSTEM SCHEDULE. PROVIDE AN ALARM TO THE BAS IF THE FAN IS COMMANDED ON BUT THE FEEDBACK DOES NOT INDICATE THE FAN IS RUNNING.

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AIR DEVICE SCHEDULE

DESIG.	FUNCTION	STYLE	MFR.	MODEL	FRAME STYLE	MODULE SIZE	MATERIAL	FINISH	REMARKS
A	CEILING SUPPLY	HEAVY DUTY 3/8" SPACING, 0° DEFLECTION	PRICE	91	SURFACE	SEE PLANS	STEEL	WHITE	
B	CEILING RETURN, EXHAUST, TRANSFER	HEAVY DUTY 3/8" SPACING, 45° DEFLECTION	PRICE	91	SURFACE	SEE PLANS	STEEL	WHITE	BLADES PARALLEL WITH LONG DIMENSION, 10x22 OR 22x22 DUCT COLLAR

REMARKS:

GENERAL - APPLIES TO ALL AIR DEVICES: MANUAL VOLUME DAMPERS SHALL BE ACCEPTABLE IN DUCTWORK AT THE BRANCH POINT OF THE RUNOUT DUCT OR IN-LINE TO THE AIR DEVICE BY THE CONTRACTOR INSTALLING DUCTWORK. A DAMPER LOCATED AT THE AIR DEVICE SHALL BE ACCEPTABLE WHEN PERMITTED BY ENGINEER ON A CASE-BY-CASE BASIS OR WHEN THE MANUFACTURER REQUIRES AN INTEGRAL MANUAL VOLUME DAMPER.

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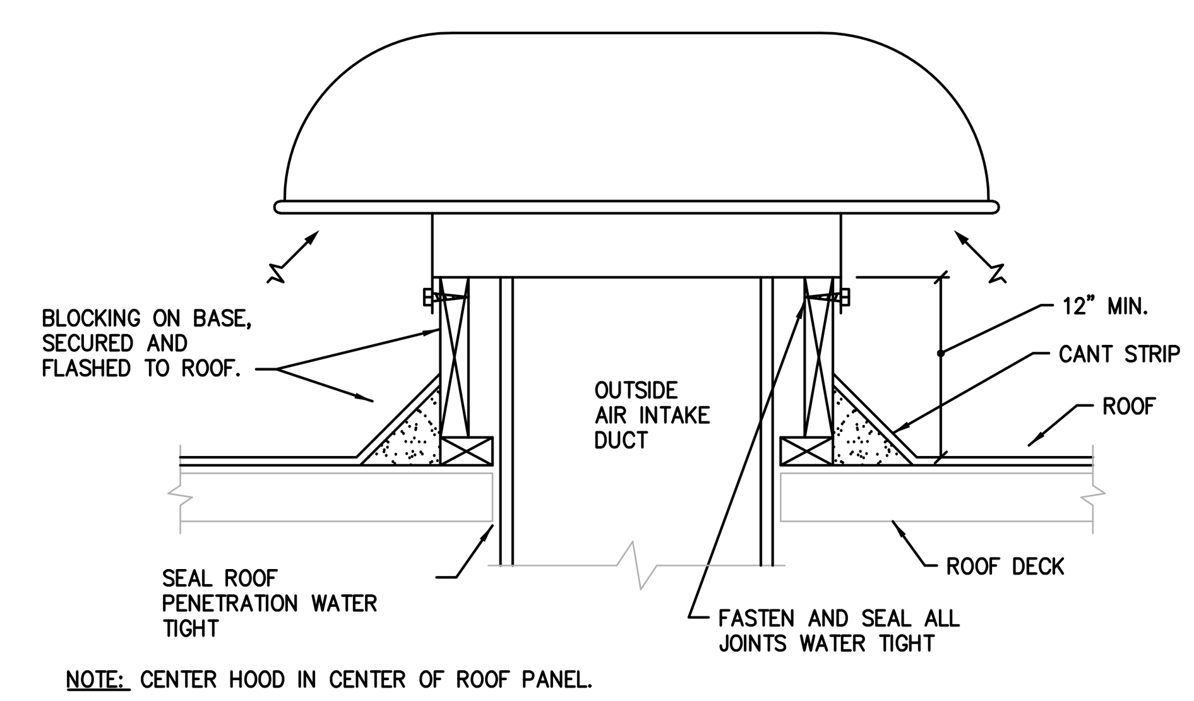
P:\Idaho\2024\2024-080 Nampa School District Snake River Remodel\Cad\Mech\Mschedules\[M-2024-080.xlsx]Fan Schedule



NOTE: CENTER HOOD IN CENTER OF ROOF PANEL.

FRESH AIR INTAKE HOOD MOUNTING DETAIL

SCALE: NONE 3300-08

F-23 OUTSIDE AIR VENTILATION CALCULATIONS (OA)

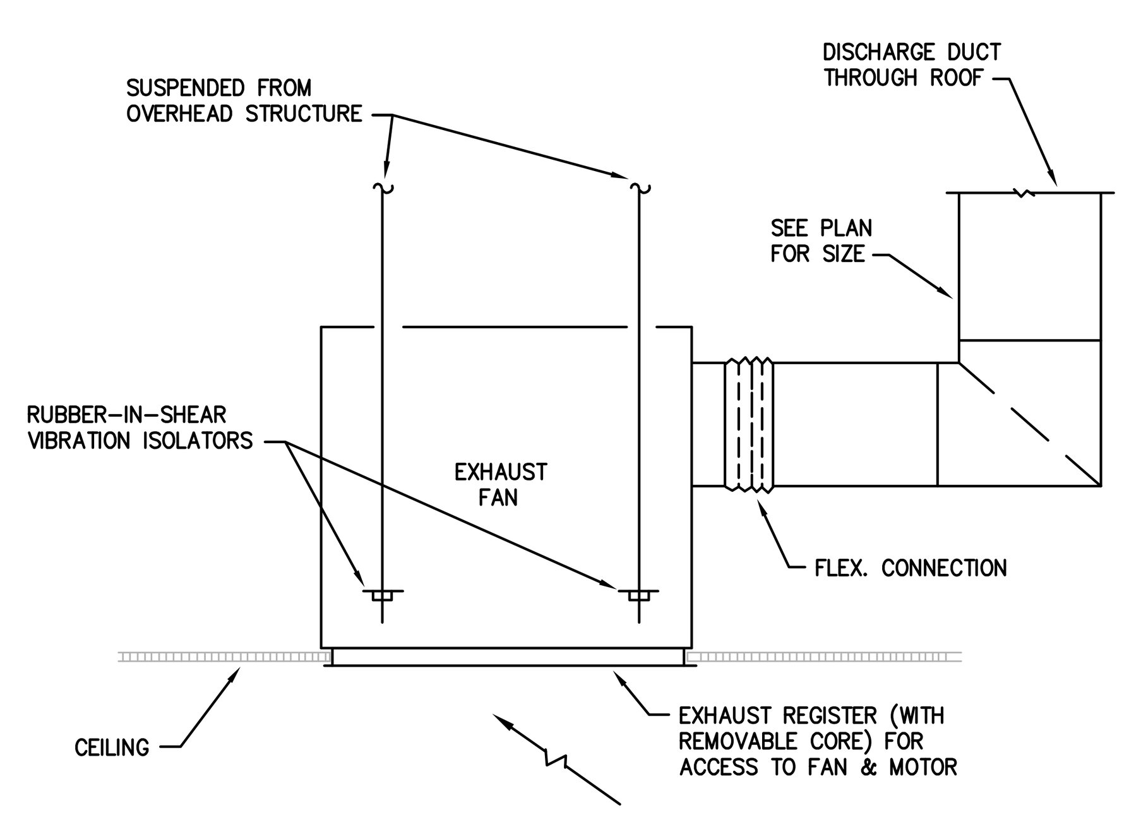
ROOM NUMBER	ROOM NAME	PRIMARY	SECONDARY	ZONE AREA (SF) (Az)	ZONE PRIMARY AIR CFM (Vpz)	PEOPLE OUTSIDE AIR RATE (CFM) (Rp)	AREA OUTSIDE AIR RATE (CFM/SF) (Ra)	OCCUPANT DENSITY #/1000 SF	TOTAL PEOPLE (Pz)	BREATHING ZONE OUTSIDE AIR CFM (Vbz)	ZONE OUTSIDE AIR CFM (Voz)	PRIMARY OUTSIDE AIR FRACTION (Zp)	PEOPLE OUTSIDE AIR CFM	ROOM OUTSIDE AIR CFM
AIR SYSTEM TAG: F-23		ROOM OCCUPANCY CLASSIFICATON		Code Basis: IMC 2018			ZONE VENTILATION EFFECTIVENESS (Ez) =	0.8		SYSTEM OCCUPANT DIVERSITY (D) =	100%		OUTSIDE AIR SUMMARY	
210	CLASSROOM	EDUCATION	CLASSROOMS (AGES 5-8)	800	900	10.0	0.12	25	20	296	370	0.411	200	96
211	STORAGE	RETAIL STORES, SALES FLOORS AND SHOWROOM FLOORS	STORAGE ROOMS	50	25	0.0	0.12	0	0	6	8	0.300	0	6
213	A/V STORAGE	RETAIL STORES, SALES FLOORS AND SHOWROOM FLOORS	STORAGE ROOMS	120	150	0.0	0.12	0	0	14	18	0.120	0	14
214	QUIET ROOM	OFFICES	OFFICE SPACES	30	50	5.0	0.06	5	0	3	3	0.064	1	2
215	QUIET ROOM	OFFICES	OFFICE SPACES	30	75	5.0	0.06	5	0	3	3	0.043	1	2
Project:	2024-080 Nampa School District Snake River Remodel		Total Supply Air CFM =	1,200					Uncorrected Outside Air Intake, CFM (Vou) =		322	< < < < < OA Sum	202	120
Location:	Nampa, ID		Critical Zone Outside Air Fraction (MAX Zp) =	0.411		System Ventilation Efficiency (Ev) =		0.857	Corrected Outside Air Intake Air, CFM (Vot) =		375	Corrected Outside Air as % of Supply Air =		31.3%

NO OUTSIDE AIR CURRENTLY PROVIDED TO F-23.
400 CFM OUTSIDE AIR BEING ADDED.

F-30 OUTSIDE AIR VENTILATION CALCULATIONS (OA)

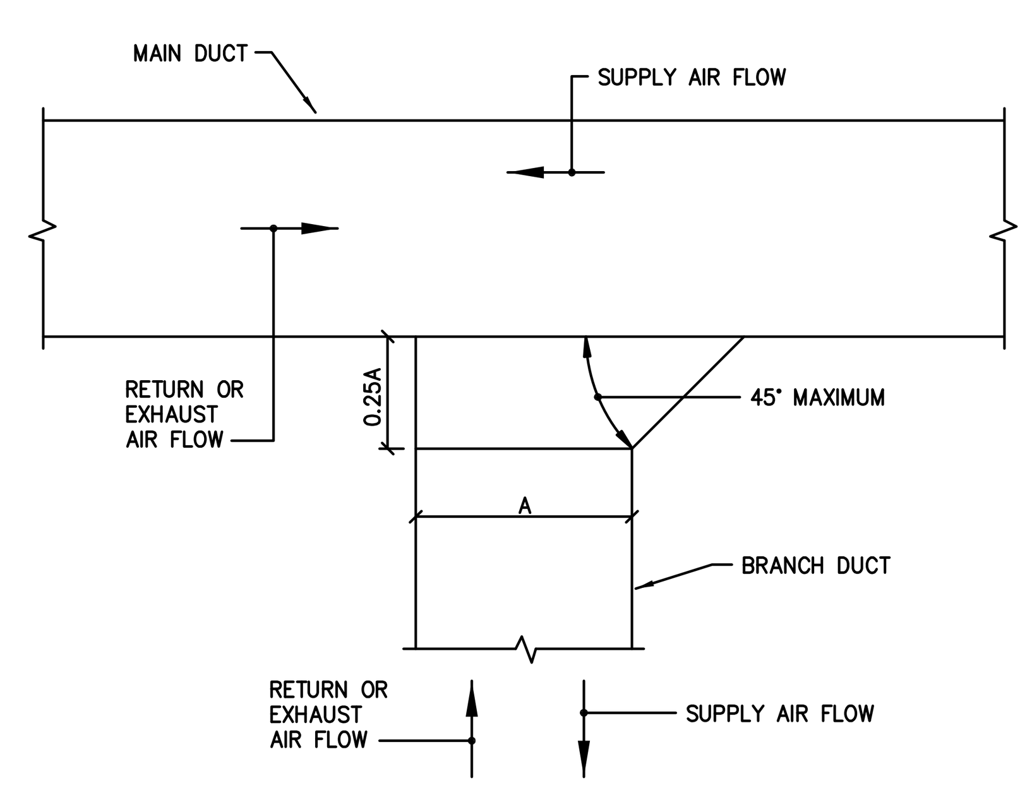
ROOM NUMBER	ROOM NAME	PRIMARY	SECONDARY	ZONE AREA (SF) (Az)	ZONE PRIMARY AIR CFM (Vpz)	PEOPLE OUTSIDE AIR RATE (CFM) (Rp)	AREA OUTSIDE AIR RATE (CFM/SF) (Ra)	OCCUPANT DENSITY #/1000 SF	TOTAL PEOPLE (Pz)	BREATHING ZONE OUTSIDE AIR CFM (Vbz)	ZONE OUTSIDE AIR CFM (Voz)	PRIMARY OUTSIDE AIR FRACTION (Zp)	PEOPLE OUTSIDE AIR CFM	ROOM OUTSIDE AIR CFM
AIR SYSTEM TAG: F-30		ROOM OCCUPANCY CLASSIFICATON		Code Basis: IMC 2018			ZONE VENTILATION EFFECTIVENESS (Ez) =	0.8		SYSTEM OCCUPANT DIVERSITY (D) =	100%		OUTSIDE AIR SUMMARY	
208	CLASSROOM	EDUCATION	CLASSROOMS (AGES 5-8)	800	990	10.0	0.12	25	20	296	370	0.374	200	96
204	QUIET ROOM	OFFICES	OFFICE SPACES	45	55	5.0	0.06	5	0	4	5	0.087	1	3
205	QUIET ROOM	OFFICES	OFFICE SPACES	45	50	5.0	0.06	5	0	4	5	0.096	1	3
206	QUIET ROOM	OFFICES	OFFICE SPACES	45	50	5.0	0.06	5	0	4	5	0.096	1	3
207	QUIET ROOM	OFFICES	OFFICE SPACES	45	55	5.0	0.06	5	0	4	5	0.087	1	3
Project:	2024-080 Nampa School District Snake River Remodel		Total Supply Air CFM =	1,200					Uncorrected Outside Air Intake, CFM (Vou) =		311	< < < < < OA Sum	205	107
Location:	Nampa, ID		Critical Zone Outside Air Fraction (MAX Zp) =	0.374		System Ventilation Efficiency (Ev) =		0.886	Corrected Outside Air Intake Air, CFM (Vot) =		351	Corrected Outside Air as % of Supply Air =		29.3%

450 CFM OF OUTSIDE AIR IS CURRENTLY BEING PROVIDED—NO NEED TO ADJUST FOR CHANGES



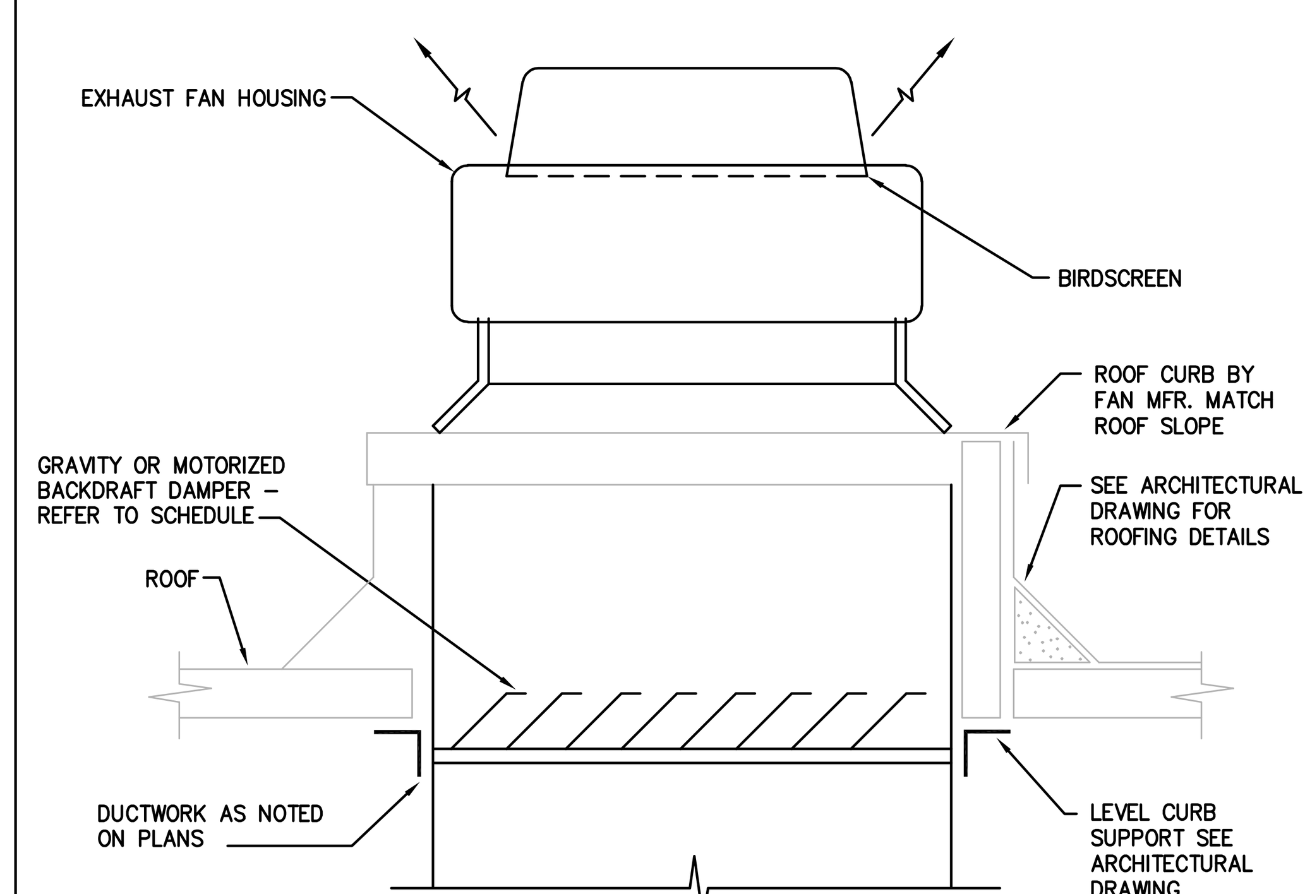
CEILING EXHAUST FAN DETAIL

SCALE: NONE 3400-05



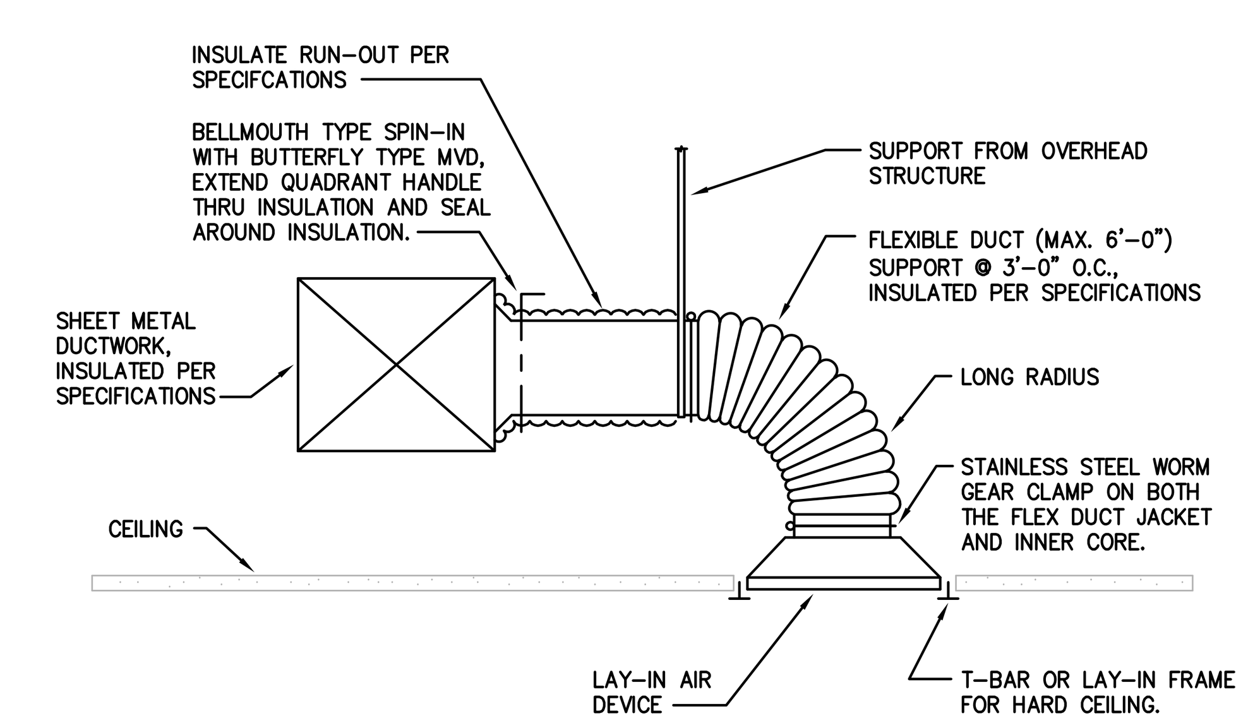
DUCT TAKE-OFF DETAIL

SCALE: NONE 3300-02



UPBLAST ROOF EXHAUST FAN DETAIL

SCALE: NONE 3400-10 12.13.22



NOTE:
CEILING DIFFUSER SHOWN; REGISTERS AND GRILLES SIMILAR.

HARD CEILING INSTALLATIONS:
1. PROVIDE LAY-IN FRAME TO ALLOW AIR DEVICE TO BE REMOVED.
2. LOCATE MVD TO BE ACCESSIBLE. IF SPIN-IN IS NOT ACCESSIBLE PROVIDE A SEPARATE MVD ACCESSIBLE BY REMOVING THE GRILLE IN LIEU OF THE ONE AT THE SPIN-IN.

ROUND NECK AIR DEVICE DETAIL

SCALE: NONE 3713-08

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JOB NUMBER 24008
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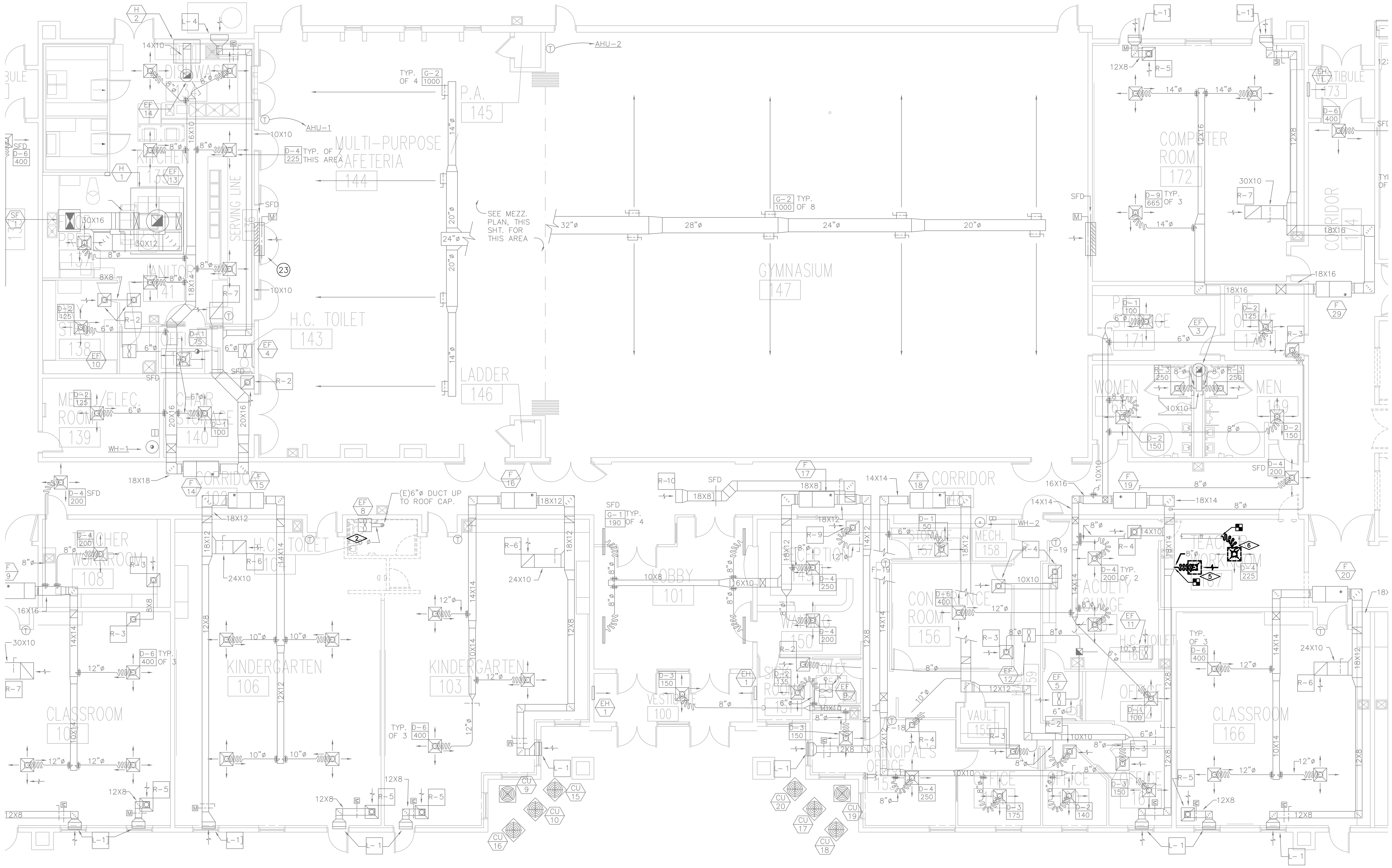
PROFESSIONAL ENGINEER LICENSED 20608 08/01/2024 STATE OF IDAHO LILLIAN J. JOHNSON

SNAKE RIVER ELEMENTARY SCHOOL CONVERSION
500 STAMPEDE DRIVE
NAMPA, ID 83687

DATE 08/01/2024
SHEET NAME: MECHANICAL SCHEDULES AND DETAILS
SHEET M0.2

DEMO KEY NOTES: NOT ALL KEY NOTES ON THIS SHEET

1. DIFFUSER TO BE REMOVED AND REUSED.
2. EXISTING EF-8 TO REMAIN.
3. EXISTING DIFFUSER TO REMAIN.
4. EXISTING THERMOSTAT TO BE REMOVED AND REUSED IN NEW LOCATION.
5. DEMO RETURN GRILLE AND RETURN DUCT BACK TO MAIN.
6. DEMO SUPPLY DIFFUSER AND CAP SUPPLY DUCT.
7. EF-2 TO REMAIN FOR EXHAUST CONNECTIONS TO NEW BATHROOMS.
8. DEMO EXISTING GRILLE IN BATHROOM. DUCT TO REMAIN FOR CONNECTION TO NEW HEAVY DUTY GRILLES IN NEW BATHROOMS.
9. DEMO EXISTING TRANSFER DUCT FROM CLASSROOM TO BATHROOMS.

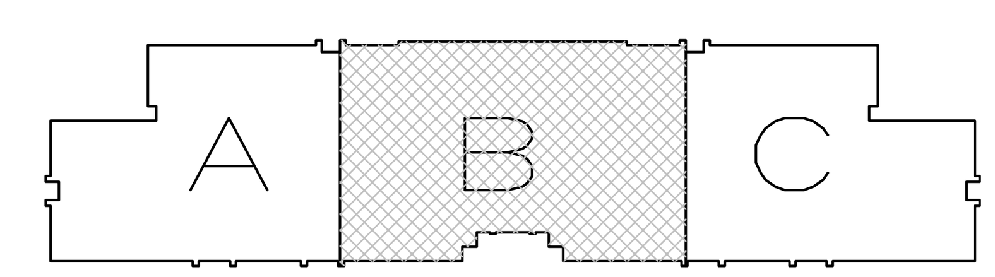


PARTIAL MAIN LEVEL HVAC DEMO PLAN - AREA 'B'

SCALE: 1/8"=1'-0"

1"

IF LINE DOES NOT MEASURE 1 INCH, DRAWING IS NOT TO SCALE



KEY PLAN

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SNAKE RIVER ELEMENTARY SCHOOL CONVERSION

500 STAMPEDE DRIVE NAMPA, ID 83687

DATE: **08/01/2024**

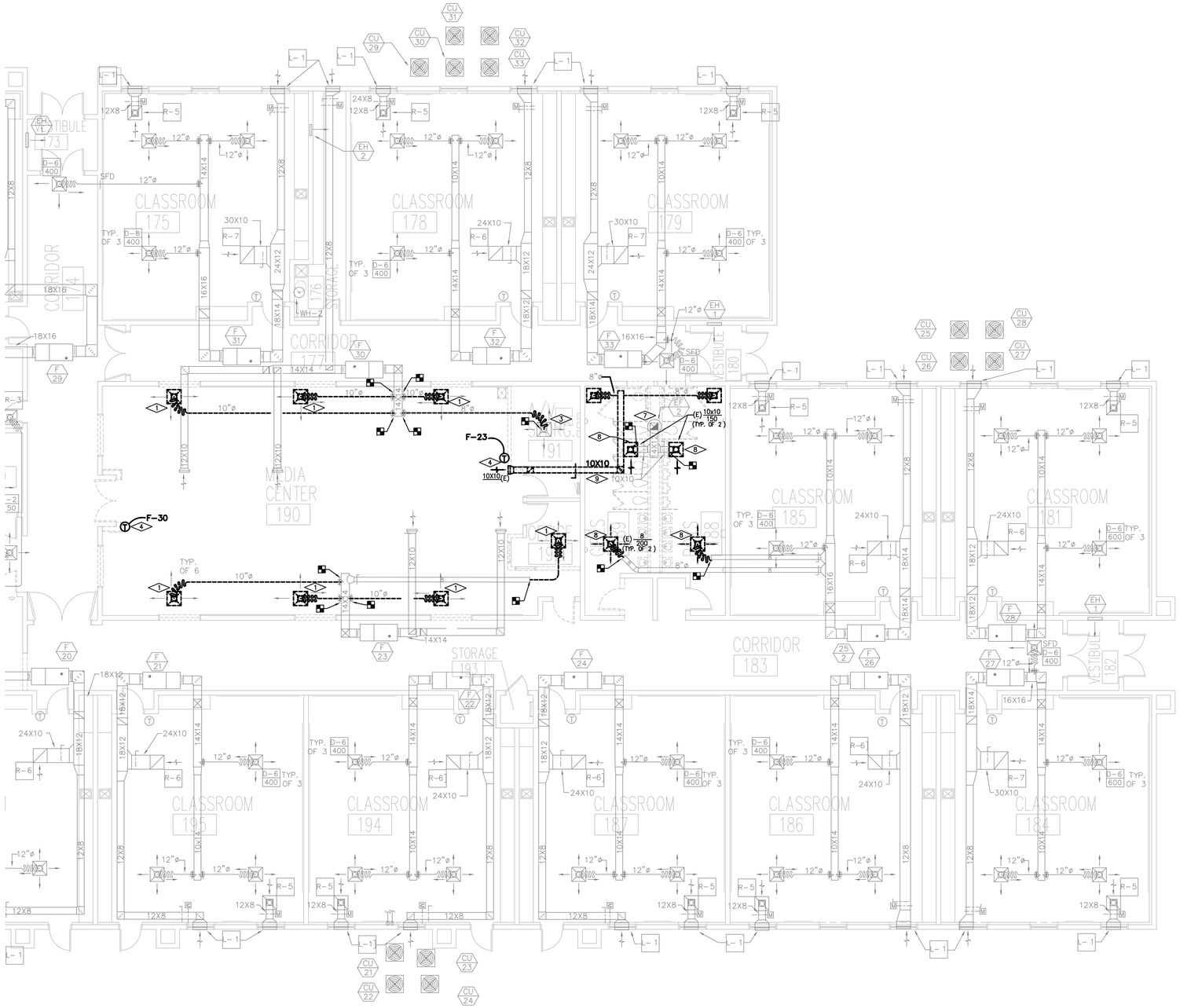
SHEET NAME: FIRST FLOOR HVAC DEMO PLAN AREA B

SHEET: MD1.1

FILENAME: P:\Idaho\2024\2024-080 Nampa School District Snake River Remodel\Cad\Mech\p-dhvl.dwg LAYOUT: MD1.1 REVISED: 7/22/2024 07:57 PLOTTED: 7/22/2024 08:17:42 USER: Ale Kehe

DEMO KEY NOTES: NOT ALL KEY NOTES ON THIS SHEET

1. DIFFUSER TO BE REMOVED AND REUSED.
2. EXISTING EF-8 TO REMAIN.
3. EXISTING DIFFUSER TO REMAIN.
4. EXISTING THERMOSTAT TO BE REMOVED AND REUSED IN NEW LOCATION.
5. DEMO RETURN GRILLE AND RETURN DUCT BACK TO MAIN.
6. DEMO SUPPLY DIFFUSER AND CAP SUPPLY DUCT.
7. EF-2 TO REMAIN FOR EXHAUST CONNECTIONS TO NEW BATHROOMS.
8. DEMO EXISTING GRILLE IN BATHROOM DUCT TO REMAIN FOR CONNECTION TO NEW HEAVY DUTY GRILLES IN NEW BATHROOMS.
9. DEMO EXISTING TRANSFER DUCT FROM CLASSROOM TO BATHROOMS.

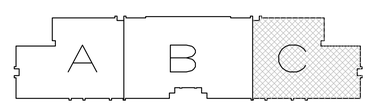


PARTIAL MAIN LEVEL HVAC DEMO PLAN - AREA 'C'

SCALE: 1/8"=1'-0"

1"

IF LINE DOES NOT MEASURE 1 INCH, DRAWING IS NOT TO SCALE



KEY PLAN

DESIGN WEST ARCHITECTS P.A.
MERIDIAN, IDAHO • EL SEGUNDO, CALIFORNIA
KENNEWICK, WASHINGTON • ONTARIO, OREGON
SPOKANE, WASHINGTON
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SNAKE RIVER ELEMENTARY SCHOOL CONVERSION

500 STAMPEDE DRIVE NAMPA, ID 83687

DATE
08/01/2024

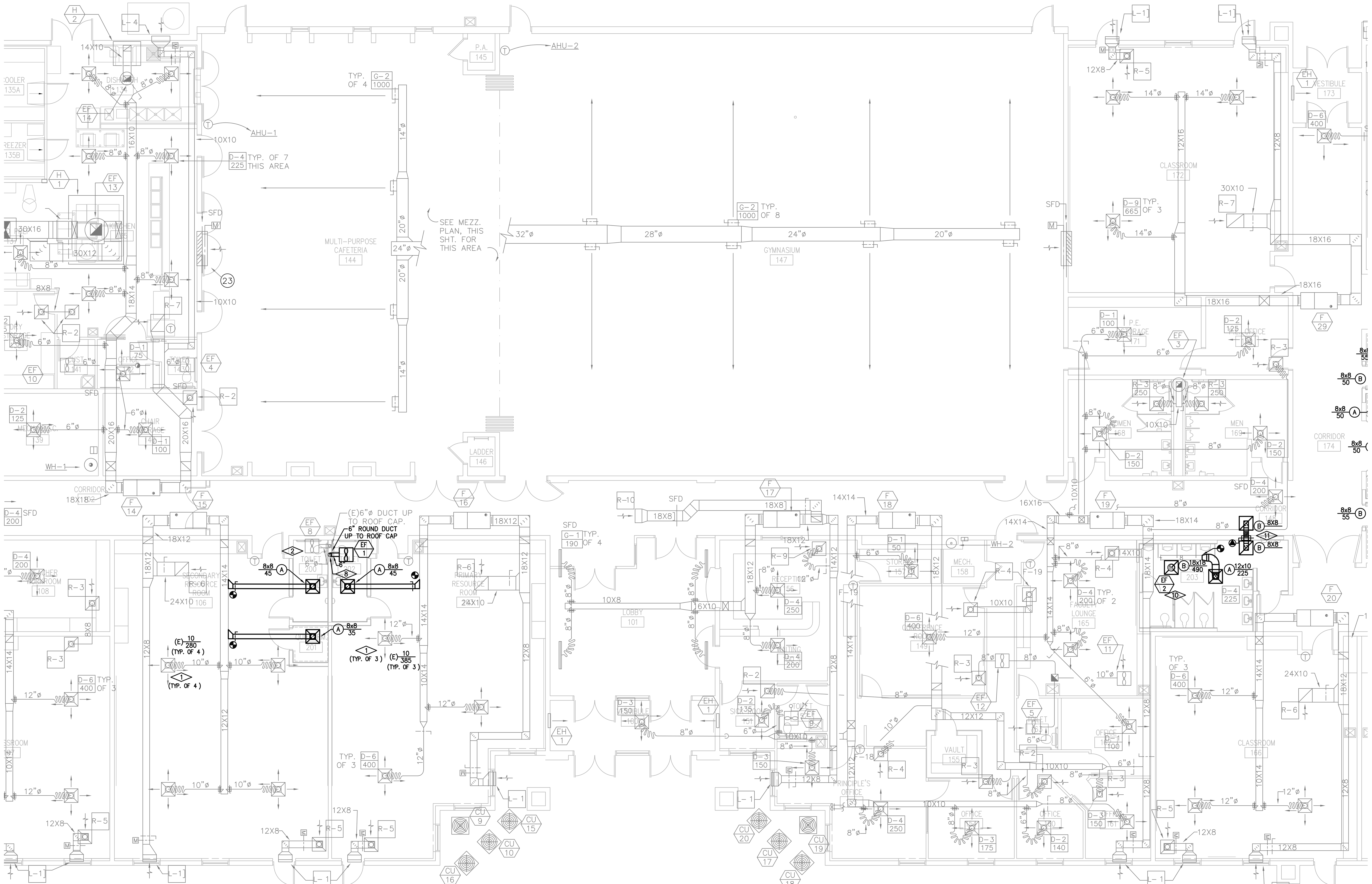
SHEET NAME
FIRST FLOOR HVAC DEMO PLAN AREA C

SHEET
MD1.2

FILENAME: P:\Idaho\2024\2024-080 Nampa School District Snake River Remodel\Cad\Mech\p-dhv1.dwg LAYOUT: MD1.2 REVISED: 5/3/2024 11:14 PLOTTED: 7/22/2024 07:53:59 USER: Ale Kehe

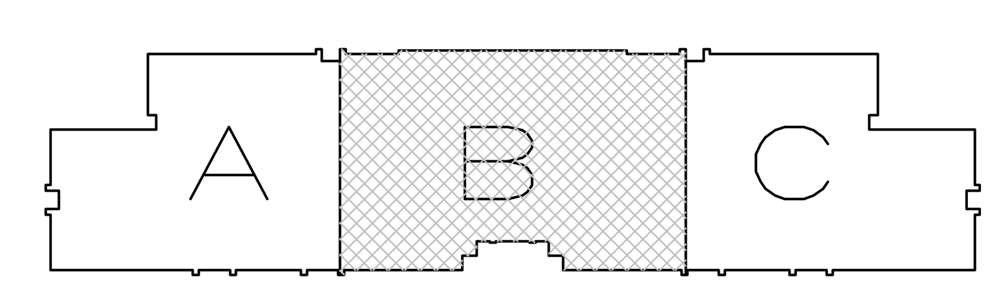
NEW KEY NOTES: NOT ALL KEY NOTES ON THIS SHEET

1. REBALANCE DIFFUSER TO CFM SHOWN ON PLAN.
2. REBALANCE EXISTING EF-8 TO 70 CFM.
3. CONNECT NEW GRILLE TO EXISTING DUCTWORK AND REBALANCE TO CFM SHOWN ON PLAN.
4. EXISTING DIFFUSER TO BE REINSTALLED. REBALANCE TO CFM SHOWN ON PLAN.
5. OUTSIDE AIR TO REMAIN AT 450 CFM.
6. EXISTING TSTAT TO BE REUSED.
7. CONNECT NEW DIFFUSER TO EXISTING DUCTWORK AND REBALANCE TO CFM SHOWN ON PLAN.
8. ROOF OPENING TO BE CENTERED ON ROOF PANEL.
9. 400 CFM OUTSIDE AIR FROM ROOF HOOD. ROOF HOOD TO BE CENTERED ON ROOF PANEL.
10. 12" DUCT UP TO EF-2 ON ROOF.
11. ADD FIRE SMOKE DAMPER IN RATED WALL.



PARTIAL MAIN LEVEL HVAC PLAN - AREA 'B'

SCALE: 1/8"=1'-0"



KEY PLAN

1"

IF LINE DOES NOT MEASURE 1 INCH, DRAWING IS NOT TO SCALE

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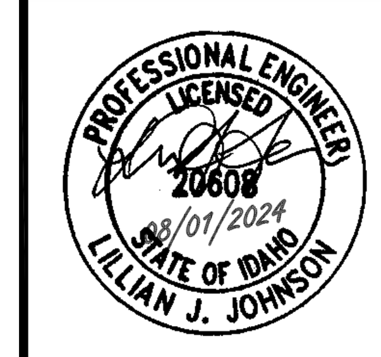
24008

REVISIONS



SNAKE RIVER ELEMENTARY SCHOOL CONVERSION

500 STAMPEDE DRIVE NAMPA, ID 83687

DATE
08/01/2024

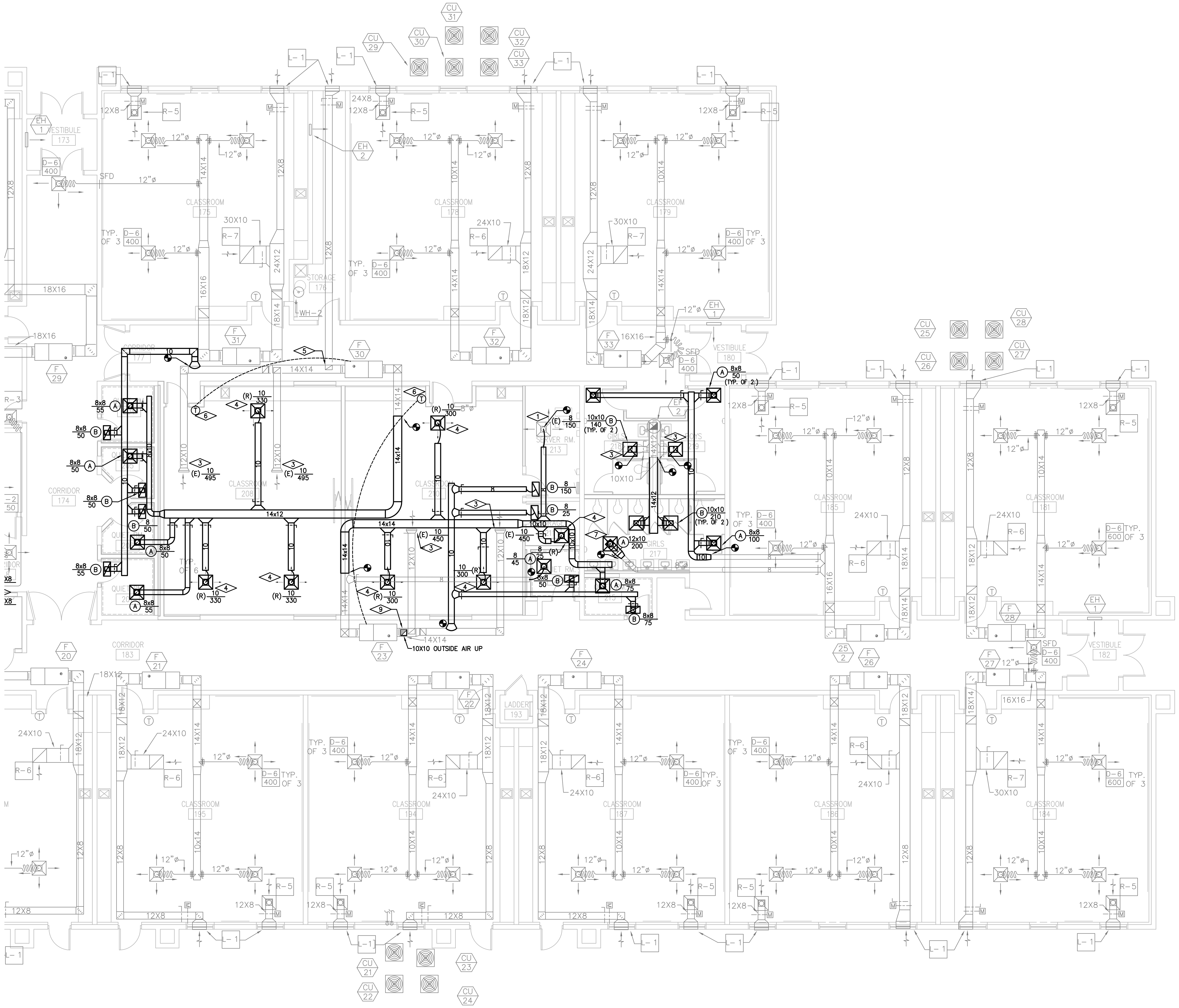
SHEET NAME
FIRST FLOOR HVAC PLAN AREA B

SHEET
M1.1

FILENAME: P:\Idaho\2024\2024-080 Nampa School District Snake River Remodel\Cad\Mech\p-hvl.dwg LAYOUT: M1.1 REVISED: 7/22/2024 08:47 PLOTTED: 7/31/2024 04:43:54 USER: Ale Kehe

NEW KEY NOTES: NOT ALL KEY NOTES ON THIS SHEET

1. REBALANCE DIFFUSER TO CFM SHOWN ON PLAN.
2. REBALANCE EXISTING EF–8 TO 70 CFM.
3. CONNECT NEW GRILLE TO EXISTING DUCTWORK AND REBALANCE TO CFM SHOWN ON PLAN.
4. EXISTING DIFFUSER TO BE REINSTALLED. REBALANCE TO CFM SHOWN ON PLAN.
5. OUTSIDE AIR TO REMAIN AT 450 CFM.
6. EXISTING TSTAT TO BE REUSED.
7. CONNECT NEW DIFFUSER TO EXISTING DUCTWORK AND REBALANCE TO CFM SHOWN ON PLAN.
8. ROOF OPENING TO BE CENTERED ON ROOF PANEL.
9. 400 CFM OUTSIDE AIR FROM ROOF HOOD. ROOF HOOD TO BE CENTERED ON ROOF PANEL.
10. 12" DUCT UP TO EF–2 ON ROOF.
11. ADD FIRE SMOKE DAMPER IN RATED WALL.

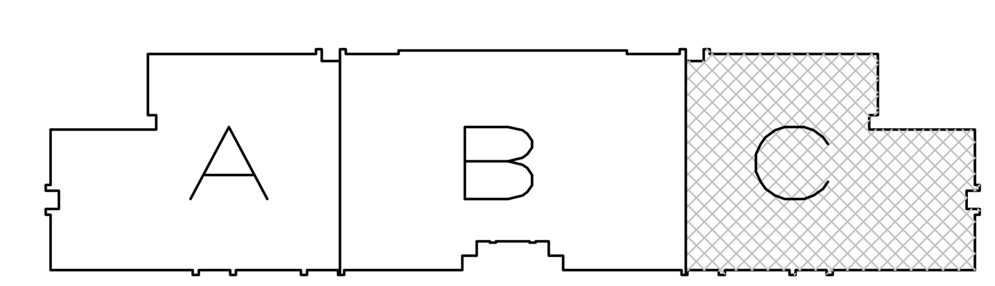


PARTIAL MAIN LEVEL HVAC PLAN - AREA 'C'

SCALE: 1/8"=1'-0"

1"

IF LINE DOES NOT MEASURE 1 INCH, DRAWING IS NOT TO SCALE



KEY PLAN

DESIGN WEST ARCHITECTS, P.A.

MERIDIAN, IDAHO • PULLMAN, WASHINGTON
KENNEWICK, WASHINGTON • ONTARIO, OREGON
SPOKANE, WASHINGTON

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JOB NUMBER
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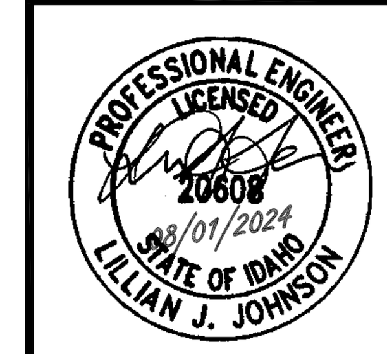
REVISIONS



SNAKE RIVER ELEMENTARY SCHOOL CONVERSION

500 STAMPEDE DRIVE
NAMPA, ID 83687

DATE
08/01/2024

SHEET NAME
FIRST FLOOR HVAC PLAN AREA C

SHEET
M1.2