



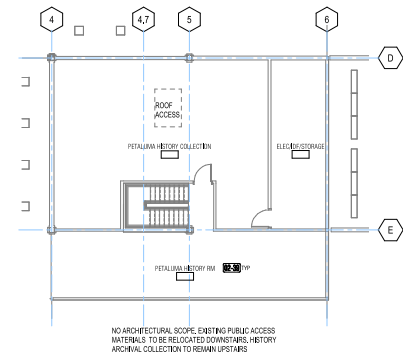
GENERAL NOTES

1. DIMENSIONS PROVIDED ON THE DRAWINGS ARE FOR REFERENCE ONLY. CONTRACTOR SHALL PROVIDE FIELD VERIFICATION AS REQUIRED IN AREA OF WORK.
2. SEE PLANS BY STRUCTURAL, MECHANICAL, ELECTRICAL, AND LV FOR MORE INFORMATION.
3. SHELVING CONTRACTOR-COORDINATE REMOVAL AND RE-INSTALLATION OF SHELVING IN POL STAFF AREA WITH SONOMA COUNTY LIBRARY.

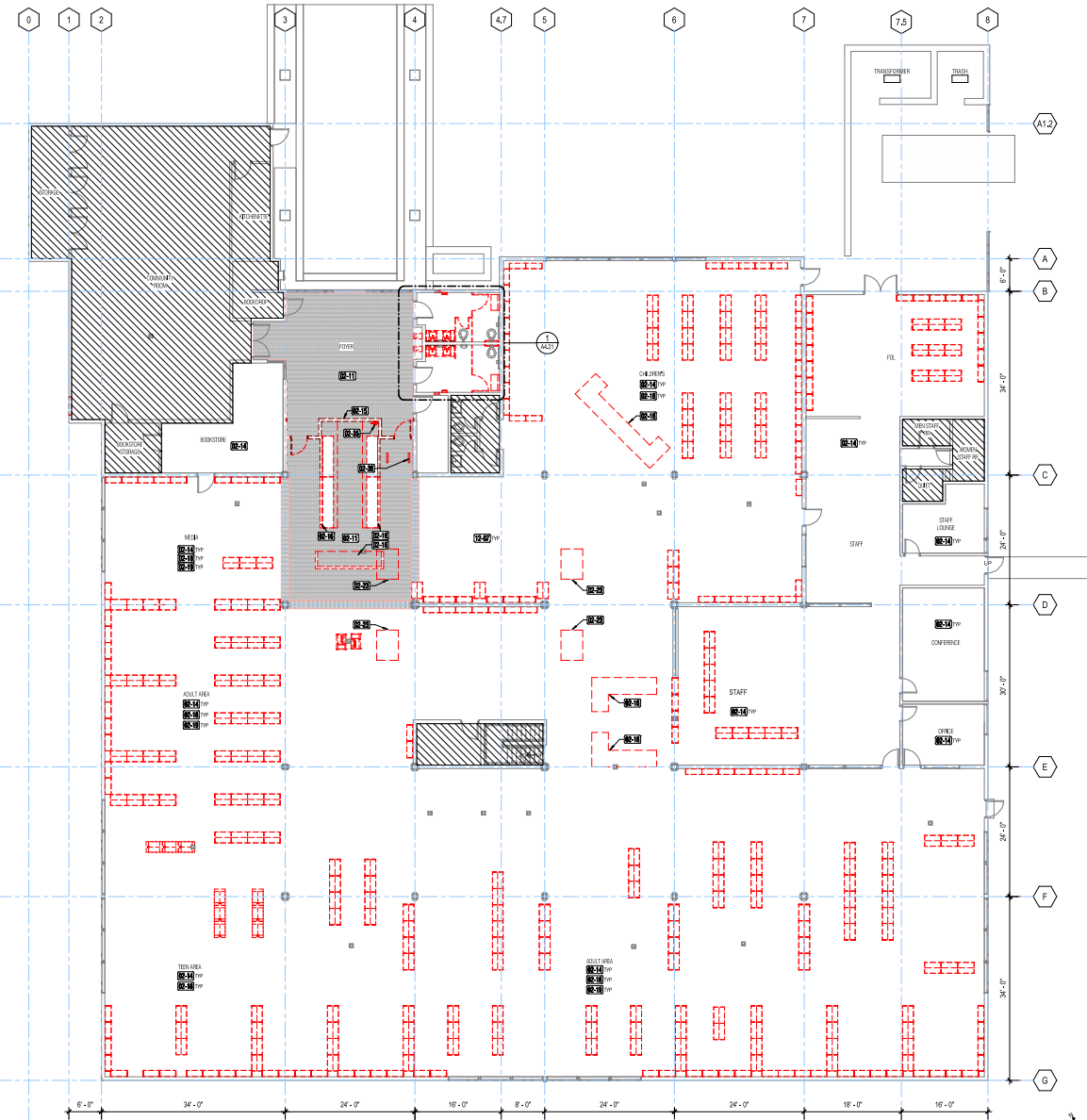
KEYNOTE LEGEND	
Key Value	Keynote Text
02-41	REMOVE EXISTING BRICK PAVERS INCLUDING MORTAR SETTING BED DOWN TO EXISTING DEPRESSED CONCRETE SLAB
02-44	REMOVE EXISTING FLOOR CARPET FIRM INCLUDING TRIPPER BASE - EXISTING RAISED WOOD BASE TO REMAIN
02-45	REMOVE EXISTING MAIN ENTRANCE AND EXIT DOOR INCLUDING SIDE LIGHT AND PARTITION WALL INCLUDING POWERED DOOR ACTUATOR. SSD FOR REMOVAL OF EXISTING POSTS, AND SHORING OF OVERHEAD WALL
02-46	REMOVED EXISTING CIRCULATION DESK, SERVICE DESK AND CHILDREN'S DESK
02-48	REMOVE EXISTING FREE-STANDING WALL MOUNTED BOOKSHELVING UNITS THROUGHOUT LIBRARY (BY SHELVING CONTRACTOR)
02-49	BY SHELVING CONTRACTOR - SALVAGE WHITE END PANELS FOR RE-INSTALLATION ON NEW SHELVING IN ADULT COLLECTION AREA. ALL OTHER EXISTING COLOR END PANELS (GREEN AND TEAL) CAN BE RETURNED TO OWNER.
02-43	TRENCH EXISTING CONCRETE SLAB FOR ELECTRICAL AND DATA, SEE FOR EXTENT OF TRENCHING REQUIRED. SEE DET 151.1 FOR REPAIR OF CONCRETE SLAB
02-35	REMOVE AND SALVAGE EXISTING FIRE EXTINGUISHER FOR RELOCATION. SEE FLOOR PLAN FOR NEW LOCATION.
02-36	REMOVE EXISTING BOOK SECURITY GATE INCLUDING ASSOCIATED POWER AND CABLING
02-38	EXISTING PETALUMA HISTORY ROOM EQUIPMENT TO BE RELOCATED TO FIRST FLOOR. TO BE COORDINATED WITH LIBRARY.
02-47	SLAT WALL DISPLAY WITH PLASTIC LETTER SIZE HOLDERS 408

DEMO LEGEND

- NO WORK IN AREA
- REMOVE
- (S) BRICK PAVERS
- A



2 MEZZANINE (DEMO)
10'-0" = 1"



1 01 - FLOOR (DEMO)
18'-0" = 1"



LIBRARY STACK SYSTEM		
wt	Qty	Type Comments
A	100	DOUBLE
ADULT - MEDIA		
E1	10	DOUBLE - MOBILE-PULLOUT BROWNING BOX
M	6	DOUBLE - PULLOUT BROWNING BOX
ADULT - JUVENILES		
J	1	SINGLE - PERIODICAL DISPLAY BACK SHELF
N	6	SINGLE - PERIODICAL DISPLAY BACK SHELF
CHILDREN		
D	10	SINGLE
G	10	SINGLE
CHILDREN - MAGAZINES		
H	1	SINGLE - PERIODICAL DISPLAY BACK SHELF
CHILDREN - MEDIA		
C1	1	DOUBLE - MOBILE-PULLOUT BROWNING BOX
GOODOLA DISPLAY		
D	6	SINGLE-SIDED
HISTORY		
K	6	SINGLE
L	4	SINGLE
ON-HOLD		
L	6	DOUBLE - MOBILE
L	6	SINGLE
SPANISH		
L	6	DOUBLE - MOBILE
L	6	SINGLE
SPANISH - MEDIA		
L	2	DOUBLE - MOBILE-PULLOUT BROWNING BOX
STAFF		
L	6	SINGLE
TEEN		
D	6	DOUBLE - MOBILE
L	7	SINGLE
TEEN - MEDIA		
L	1	DOUBLE - MOBILE-PULLOUT BROWNING BOX
Grand Tot: 254		

- NOTE:
- SEE ABAI FOR TYPICAL SHELVING DETAILS
 - SEE 1105.02 FOR TYPICAL SHELVING LAYOUT REQUIREMENTS.
 - LIBRARY WILL HAVE STAFF AT SERVICE DESK TO ASSIST PATRONS TO REACH MATERIALS ON HIGH SHELVES.

LEGEND

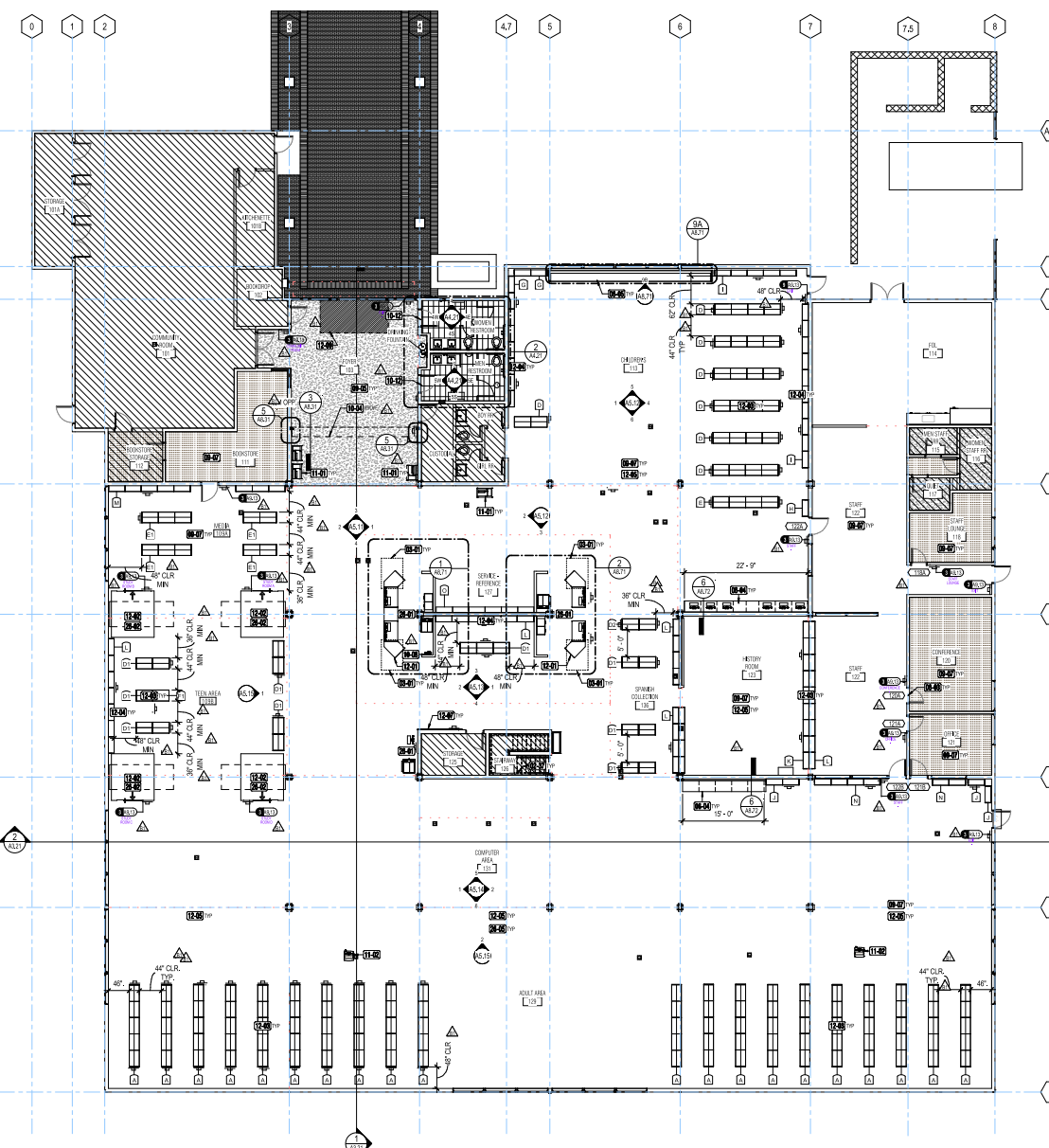
- NO WORK IN AREA
- SHELVING TYPE ID
- (E) COLUMN TO REMAIN
- (E) WALL AND DOOR TO REMAIN
- CONCRETE INFILL

GENERAL NOTES

- SEE G SERIES FOR CODE AND ACCESSIBILITY REQUIREMENTS.
- SEE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND LV DRAWINGS FOR ADDITIONAL INFORMATION.
- PATCH AND REPAIR ALL EXISTING CONCRETE SLAB ALL LOCATIONS WHERE DEMOLITION OCCURES TO PROVIDE SMOOTH SURFACES FOR FLOOR FINISHES.
- PROVIDE BLOCKING AS REQUIRED FOR WALL ATTACHED EQUIPMENT. CONCRETE WORK AND ACCESSORIES AS REQUIRED TO SUPPORT WEIGHT. REPLACE EXISTING FINISHES IN AND OR SALVAGE EXISTING TAG BEING FOR RE-INSTALLATION.

KEYNOTE LEGEND

Key Value	Keynote Text
03-37	EXISTING STAIRS, RAILINGS TO REMAIN, NO SCOPE OF WORK
04-01	WHERE TRENCHING FOR POWER AND DATA OCCURS, PROVIDE CONCRETE INFILL, DET 1151.1 REFER TO ELECTRICAL AND LV DWGS FOR EXTENSION OF POWER AND DATA FROM EXISTING FLUSH OUT TO NEW LOCATIONS.
06-04	COMPUTER COUNTERTOP WITH UNCLEMATE TOP AND HARDWOOD TRIM, 2" DEEP, WITH INTERMEDIATE VERTICAL ON DRIVERS
06-05	CUSTOM STORAGE BINS WITH BENCH SEAT
06-03	REPLACE EXISTING DOOR KNOB WITH DOOR LEVER AT DOOR 102A, 102B, 103A, 103B, 103A AND 103A. MODIFY EXISTING DOOR AS REQUIRED FOR OPERATION, NO THRESHOLD OR CLOSERS AT EXISTING INTERIOR DOORS.
06-05	PROVIDE CONCRETE INFILL FLOOR TYPING AT DEPRESSIONED SLAB, GRIND AND POLISH CONCRETE FLOOR AND SEAL BETWEEN GROUTLINE 5/8" AND 1/2" INCLUDING ENTRY TO COMMUNITY ROOM.
06-07	PROVIDE CARPET TILE FINISH AND WOOD BASE, STAIRS TO MATCH EXISTING TAG BEING, FOR BASE, FIT TO EXISTING HIGHT CONDITION. SEE FLOOR PLAN FOR CARPET TYPE, SEE DET. 1403.
06-15	AT MEZZANINE, PROVIDE WALL MOUNTED 1" FABRIC WRAPPED ACoustical PANELS FROM TOP OF BEAM TO TOP OF SUBRAIL ONLY.
10-04	PROVIDE MOTORIZED SECURITY ROLLUP SHUTTER WITH REMOTE CONTROL - SEE DET. 1105.02 FOR TYPICAL SHELVING LAYOUT REQUIREMENTS.
10-12	EXISTING ROOM ID AND RESTROOM GEOMETRIC SYMBOL TO REMAIN, ADJUST MOUNTING HEIGHT TO MEET 1105.13.
12-01	SELF CHECK KIOSK - FURNISHED AND INSTALLED BY LIBRARY, SEE ELECTRICAL DWG FOR POWER, SEE LV DWG FOR DATA
12-02	OPAC STATION FURNITURE (BY FURNITURE CONTRACTOR) SEE ELECTRICAL DWG FOR POWER, SEE LV DWG FOR DATA
12-01	PROVIDE ADJUSTABLE HEIGHT MOTORIZED SERVICE DESK, DESK DESIGN CONSIST OF QUARTZ SURFACE COUNTERTOP, PLAM AT EXPOSED SURFACES INCLUDING BASE CABINETS.
12-03	(BY SHELVING CONTRACTOR) - PROVIDE FURNITURE MEETING POD, FOR POWER, SEE ELECTRICAL DWG
12-04	(BY SHELVING CONTRACTOR) - PROVIDE METAL CANTILEVER SHELVING UNITS DOUBLE FACED 2200" DEEP X 36" WIDE X 42" X 41" 10" 10" 10" HIGH UNITS - SEE SHELVING SCHEDULE - INSTALL ANCHORED TO FLOOR OR WALL, UNCL. PROVIDE WITH PLAIN PANELS AND CANOPY TOPS FOR UNITS 42" 48" HIGH, CANOPY TOPS NOT REQUIRED FOR 80" UNITS.
12-04	(BY SHELVING CONTRACTOR) - PROVIDE METAL CANTILEVER SHELVING UNITS SINGLE FACED 17" DEEP X 36" WIDE X 42" X 41" 10" 10" 10" HIGH UNITS - SEE SHELVING SCHEDULE - INSTALL ANCHORED TO FLOOR OR WALL, PROVIDE WITH PLAIN PANELS AND CANOPY TOPS FOR UNITS 42" 48" HIGH, CANOPY TOPS NOT REQUIRED FOR 80" UNITS.
12-05	(BY FURNITURE CONTRACTOR) - PROVIDE FURNITURE - LOUNGE CHAIRS, READING TABLE AND CHAIR SEATING, COMPUTER COUNTER AND CHAIR SEATING - REFER TO FURNITURE PLAN FOR TYPE AND LOCATION.
12-07	SLAT WALL DISPLAY WITH PLASTIC LETTER SIZE HOLDERS - X88
12-07	EXTENSIVE FLOOR CABLE - 8" X 10"
12-01	PROVIDE POWER AND DATA RECEPTACLES FOR COMPUTER, PRINTER AND SERVICES AT SERVICE DESK, SEE LV DWG
12-02	PROVIDE POWER TO FURNITURE POD TO SERVICE LEARNING WALL RECEPTACLES AND AIR, SEE DET. 1105.02 FOR TYPICAL SHELVING LAYOUT REQUIREMENTS.
12-05	POWER MONUMENTS, CORE THROUGH CONCRETE AND TOP OF EXISTING FLOOR SLAB, PATCH AS REQUIRED WITH CONCRETE LEAVING COMPOUND, SEE DET. 1105.02 FOR TYPICAL SHELVING LAYOUT REQUIREMENTS.



01 - FLOOR PLAN - REFRESH
1/8" = 1'-0"

02 - MEZZANINE - FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES

A. GENERAL

1. VERTICAL AND HORIZONTAL OFFSETS SHOWN IN DUCTS AND PIPES INDICATE THE GENERAL RELATIONSHIP OF THE SYSTEMS. PROVIDE ADDITIONAL OFFSETS SIMILAR TO THOSE SHOWN AS REQUIRED TO SUIT CONSTRUCTION AND WORK DONE BY OTHER TRADES.
2. INSTALL ALL DAMPERS, ETC., IN ACCESSIBLE LOCATIONS. PROVIDE ADEQUATELY SIZED ACCESS DOORS WHERE REQUIRED.
3. INSTALL ALL DUCTWORK TO AVOID ARCHITECTURAL FRAMING, STRUCTURAL MEMBERS AND OTHER CONSTRUCTION. COORDINATE DUCT LAYOUT WITH ALL OTHER TRADES BEFORE FABRICATION AND INSTALLATION.
4. DUCT SIZES ARE INDICATED ON BRANCH WHERE THE DUCT AND OR PIPE REDUCES TO THE SMALLER DIMENSION.

B. HVAC

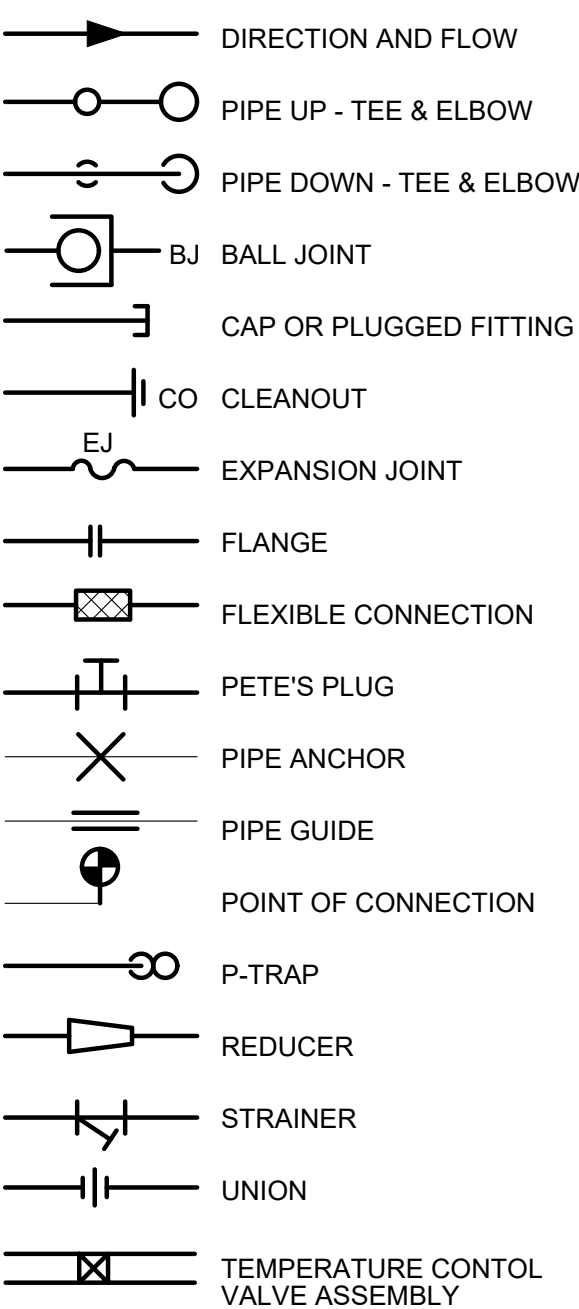
1. LOCATE CEILING AIR OUTLETS ACCORDING TO THE ARCHITECTURAL REFLECTED CEILING PLANS. CONFIRM CEILING TYPES SHOWN ON ARCHITECTURAL DRAWINGS AND INSTALL CEILING TYPE SUPPLY AND RETURN OR EXHAUST OUTLETS TO SUIT.
2. ALL DUCT SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS.
3. WHERE FLEXIBLE DUCT CONNECTORS ARE USED, THEY SHALL BE EQUAL TO OR GREATER THAN CROSS-SECTIONAL AREA OF DUCTS SHOWN. FOR MAXIMUM ALLOWABLE LENGTH SEE SPECIFICATION SECTION 233100, "DUCTWORK."
4. PROVIDE TURNING VANES IN ALL SQUARE ELBOWS. RADIUS ELBOWS WITHOUT TURNING VANES SHALL BE USED IN ALL EXHAUST AND RETURN DUCTS EXCEPT WHERE SHOWN OR NOTED ON DRAWINGS. WHERE SQUARE ELBOWS ARE SHOWN IN EXHAUST AND RETURN DUCTS, ACCESS DOORS SHALL BE PROVIDED IMMEDIATELY UPSTREAM OF VANES.
5. VOLUME DAMPERS SHALL BE INSTALLED IN ALL BRANCH SUPPLY AND EXHAUST OR RETURN DUCTS. LOCATE DAMPERS AS FAR AS POSSIBLE FROM OUTLETS. ALL NON ACCESSIBLE VD'S SHALL HAVE REMOTE ADJUSTERS ABOVE ACCESSIBLE CEILINGS.

SINGLE LINE DUCT LEGEND			
NAME OF FITTING	SINGLE LINE PRESENTATION	DOUBLE LINE PRESENTATION	
		SUPPLY	RETURN/EXHAUST
ROUND ELBOW			
MITERED ELBOW			
VELOCITY SPLIT			
VELOCITY SPLIT			
VERTICAL SPLIT			
VERTICAL SPLIT			
TAP-IN			NOT USED
TAP-IN			
TRANSITION (USUALLY NOT SHOWN ON SINGLE LINE)			

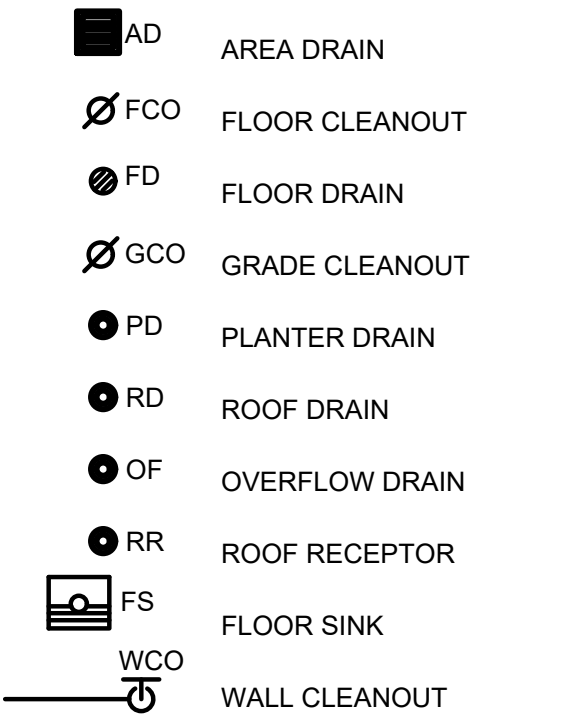
SYMBOLS

Some of the symbols shown may not be used on this project.

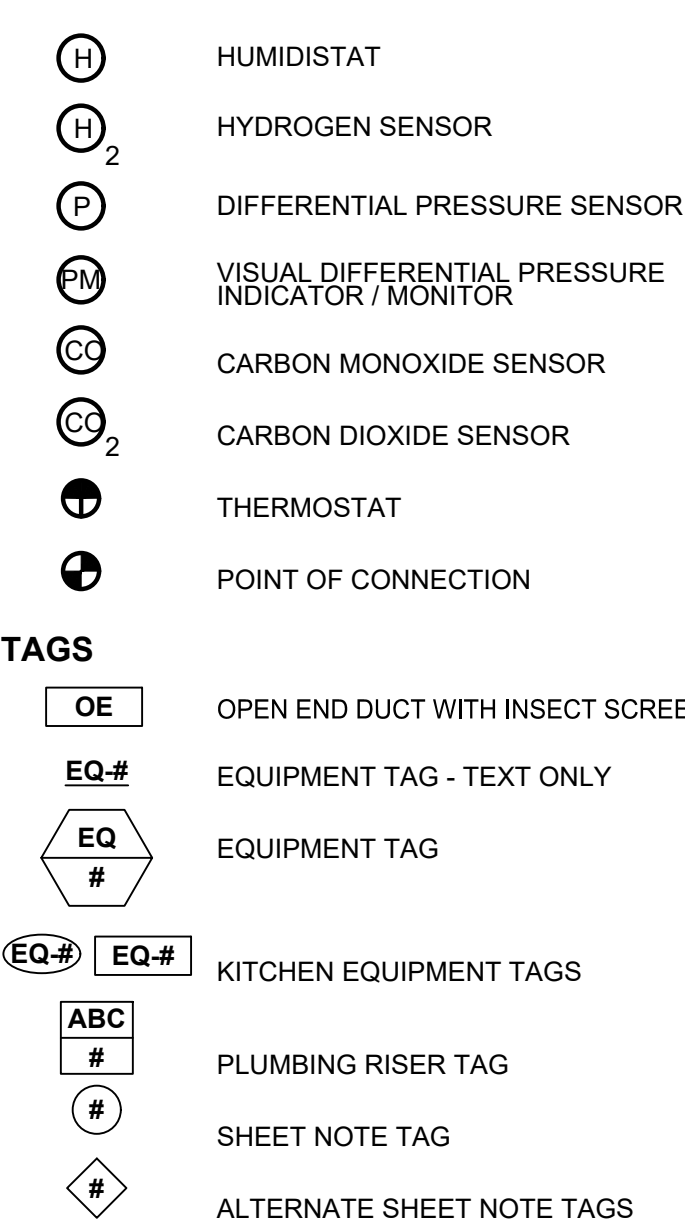
PIPING & FITTINGS



DRAINS & CLEANOUTS



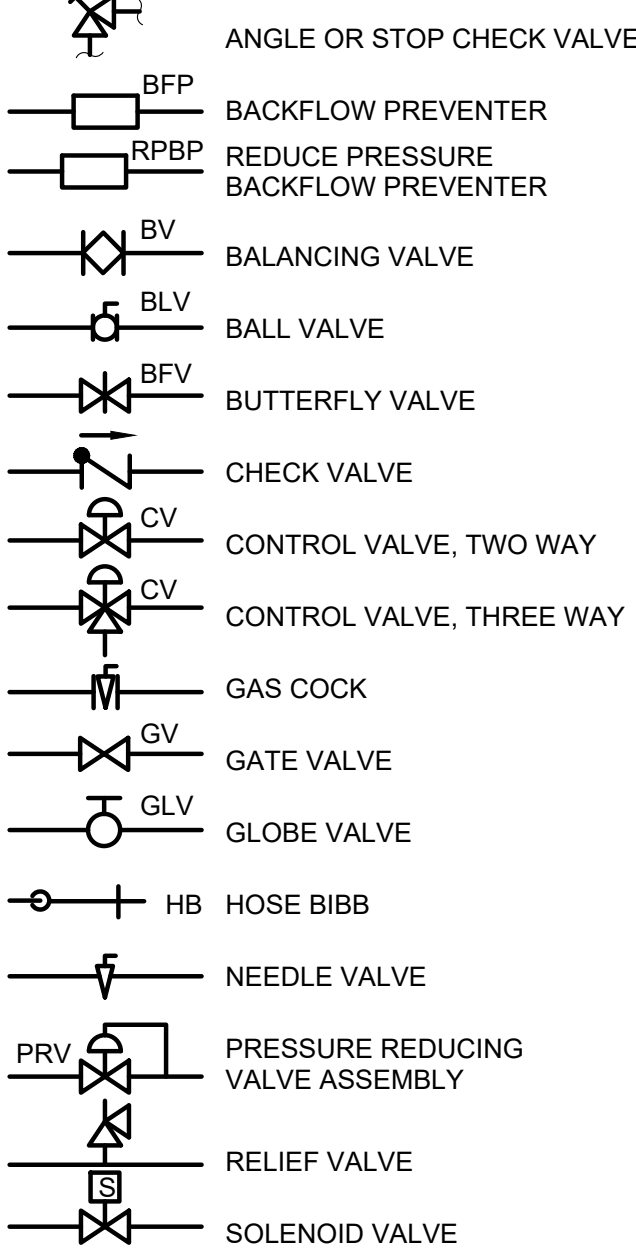
GENERAL



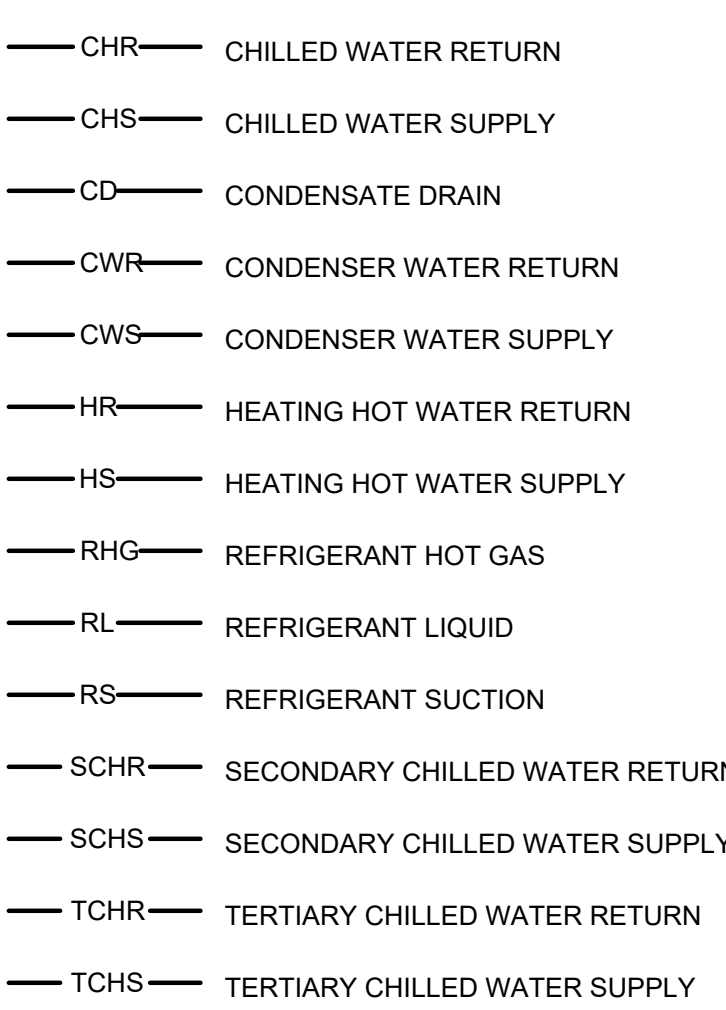
OA/SA =	CFM	SUPPLY CFM
RA =	CFM	RETURN CFM
EA =	CFM	EXHAUST CFM
IAI =	CFM	TRANSFER AIR IN CFM
IAO =	CFM	TRANSFER AIR OUT CFM
Pr =	P, N, NR	PRESSURE: (POSITIVE = P), (NEGATIVE = N), (NEUTRAL = NR)
(PRESSURE REFERENCE IS TO THIS ROOM)		

CFM	TAG
NECK	(TYP.)
DIFFUSER / GRILLE TAG	

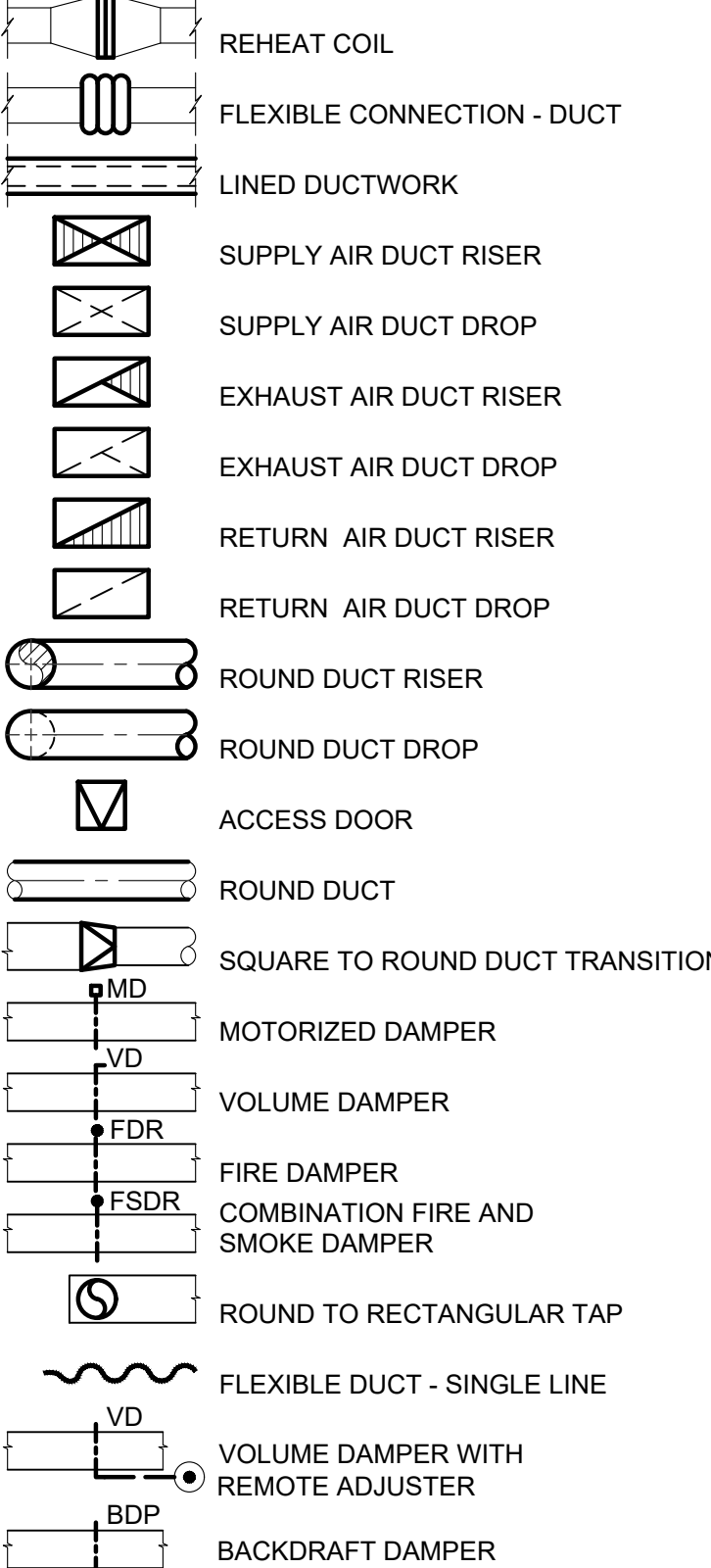
VALVES



HVAC PIPING



HVAC DUCTWORK



MECHANICAL LEGEND

(SOME OF THE ABBREVIATIONS AND SYMBOLS SHOWN MAY NOT BE USED ON THIS PROJECT.)

A(*)	COMPRESSED AIR (*PSI WHERE REQUIRED)	FIN	FINISHED	O2	OXYGEN
AD	AREA DRAIN	FL	FIRE LINE	OA	OUTSIDE AIR
ADD	SEE ARCHITECTURAL DRAWINGS AND DOCUMENTS	FLG	FLANGE	OD	OUTSIDE DIMENSION
AFF	ABOVE FINISHED FLOOR	FLR	FLOOR	OSY	OUTSIDE STEM AND YOKE
AP	ACCESS PANEL	FM	FLOW METER	OV	OUTLET VELOCITY
AV	ACID VENT	FO	FUEL OIL	PCHS	PRIMARY CHILLED WATER SUPPLY
AVTR	ACID VENT THRU ROOF	FOF	FUEL OIL FILL	PCHR	PRIMARY CHILLED WATER RETURN
AW	ACID WASTE	FOG	FUEL OIL GAUGE	PD	PUMP DISCHARGE/PRESSURE DROP
BD	BOILER BLOW DOWN	FOR	FUEL OIL RETURN	PFF	PLUG FOR FUTURE
BF	BOILER FEED	FOS	FUEL OIL SUPPLY	PG	PRESSURE GAUGE
BFP	BACKFLOW PREVENTER	FOV	FUEL OIL VENT	PI	PNEUMATIC INTERFACE
BFV	BUTTERFLY VALVE	FS	FEET PER MINUTE	PIV	POST INDICATOR VALVE
BHP	BRAKE HORSEPOWER / BOILER HORSEPOWER	FS	FLOW SWITCH	PLBG	PLUMBING
BLDG	BUILDING	FSDR	COMBINATION FIRE AND SMOKE DAMPER	PR	PUMP RETURN
BLV	BALL VALVE	FSK	FLOOR SINK	PRV	PRESSURE REDUCING VALVE
BMS	BUILDING MANAGEMENT SYSTEM	FTT	FLOAT AND THERMOSTAT TRAP	PSI	POUNDS PER SQUARE INCH
BOD	BOTTOM OF DUCT	FUT	FUTURE	PSIG	POUNDS PER SQUARE INCH GAUGE
BT	BATH TUB	G	NATURAL GAS	PTS	PNEUMATIC TUBE SYSTEM
BV	BALANCING VALVE	GA	GAUGE	PW	PUMP WASTE
BWV	BACKWATER VALVE	GCO	GRADE CLEANOUT	RA	RETURN AIR
C	DOMESTIC COLD WATER	GI	GALVANIZED IRON	RD	ROOF DRAIN
CC	COOLING COIL	GLV	GLOBE VALVE	RF	RETURN FAN
CD	CONDENSATE DRAIN	GPH	GALLONS PER HOUR	RH	RELATIVE HUMIDITY
CF	CHEMICAL FEED	GR	GRADE	RHG	REFRIGERANT HOT GAS
CFE	CAP FOR FUTURE	GV	GATE VALVE	RIC	ROUGH IN AND CONNECT
CFH	CUBIC FEET PER HOUR	HI(*)	DOMESTIC HOT WATER (*TEMP. WHERE REQ'D.)	RIO	ROUGH IN ONLY
CFM	CUBIC FEET PER MINUTE	HB	HOSE BIBB	RL	REFRIGERANT LIQUID
CO2	CARBON DIOXIDE	HC	HEATING COIL	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
CHET	CHILLED WATER EXPANSION TANK	HE	HELIUM	RPM	REVOLUTIONS PER MINUTE
CHR	CHILLED WATER RETURN	HET	HOT WATER EXPANSION TANK	RS	REFRIGERANT SUCTION
CHS	CHILLED WATER SUPPLY	HPDT	HIGH PRESSURE DRIP TRAP	RV	RELIEF VENT/ROOF VENTILATOR
CI	CAST IRON	HPR	HIGH PRESSURE CONDENSATE RETURN	RVV	RELIEF VALVE VENT
CLG	CEILING	HPS	HIGH PRESSURE STEAM	SA	SUPPLY AIR/SHOCK ARRESTOR
CO	CLEANOUT	HR	HEATING HOT WATER RETURN	SB	STZ BATH
COND	CONDENSER/CONDENSING/CONDENSATE	HS	HEATING HOT WATER SUPPLY	SCHS	SECONDARY CHILLED WATER SUPPLY
CP	CHROME PLATED	HTG	HEATING	SCHR	SECONDARY CHILLED WATER RETURN
CPVC	CHLORINATED POLYVINYL CHLORIDE	HU	HUMIDIFIER	SD	SIGHT DRAIN
CRP	CONDENSATE RETURN PUMP	HV	HEATING AND VENTILATING	SDD	SEE STRUCTURAL DRAWINGS AND DOCUMENTS
CS	DOMESTIC COLD WATER (SOFT)	HVAC	HEATING VENTILATING AND AIR CONDITIONING	SDR	SMOKE DAMPER
CSK	CLINICAL SINK	HWR	DOMESTIC HOT WATER RETURN	SF	SUPPLY FAN
CTE	CONNECT TO EXISTING	HZ	HERTZ	SH	SHOWER
CV	CONTROL VALVE	ID	INSIDE DIAMETER	SK	SINK
CWR	CONDENSER WATER RETURN	IE	INVERT ELEVATION	SM	SHEET METAL
CWS	CONDENSER WATER SUPPLY	IFS	IN FURRED SPACE	SMD	SEE MECHANICAL DRAWINGS
DB	DRY BULB TEMPERATURE	IP	DIGITAL TO PNEUMATIC INTERFACE	SP	FIRE SPRINKLER
DDC	DIRECT DIGITAL CONTROL	IPS	IRON PIPE SIZE	SPD	SPRINKLER DRAIN
DE	DEIONIZED WATER	IRRW	IRRIGATION WATER	SS	STAINLESS STEEL
DF	DRINKING FOUNTAIN	IW	INDIRECT WASTE	SSD	SUBSURFACE DRAIN
DI	DISTILLED WATER	LA	LABORATORY COMPRESSED AIR	SSK	SERVICE SINK
DL	DOOR LOUVER	LAT	LEAVING AIR TEMPERATURE/LATENT	ST	STEAM TRAP
DN	DOWN	LP	LOW PRESSURE	STD	STANDARD
DR	DRAIN	LPDT	LOW PRESSURE DRIP TRAP	STL	STEEL
DSP	DRY STANDPIPE	LPG	LIQUID PETROLEUM GAS	STR	SOUND TRAP
DT	DRIP TRAP	LPR	LOW PRESSURE CONDENSATE RETURN	SV	STEAM VENT
DWG	DRAWING	LPS	LOW PRESSURE STEAM	SW	SPECIAL WASTE
(E)	EXISTING	LV	LAVATORY	TCA	TEMPERATURE CONTROL AIR
EA	EXHAUST AIR	LVG	LEAVING	TCV	TEMPERATURE CONTROL VALVE
EAT	ENTERING AIR TEMPERATURE	LWCO	LOW WATER CUT-OFF	TCHS	TERTIARY CHILLED WATER SUPPLY
ED	EXTRACTION DAMPER	LWT	LEAVING WATER TEMPERATURE	TCHR	TERTIARY CHILLED WATER RETURN
EJ	EXHAUST FAN	MA	MEDICAL COMPRESSED AIR	TD	TRENCH DRAIN
EF	EXPANSION JOINT	MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR	TH	THERMOMETER
EL	ELEVATION	MCC	MOTOR CONTROL CENTER	TP	TRAP PRIMER
EMS	ENERGY MANAGEMENT SYSTEM	MD	MOTORIZED DAMPER	TS	TONS OF REFRIGERATION
ENT	ENTERING	MFR	MANUFACTURER	TS	TIP SPEED
EO	ETHYLENE OXIDE	MG	MEDICAL GAS	TSP	TOTAL STATIC PRESSURE
EOV	ETHYLENE OXIDE VENT	MGA	MEDICAL GAS ALARM	TV	TURNING VANES
ESP	EXTERNAL STATIC PRESSURE	MPDT	MEDIUM PRESSURE DRIP TRAP	UR	URINAL
EVAC	GAS EVACUATION	MPR	MEDIUM PRESSURE CONDENSATE RETURN	V	SANITARY VENT
EWT	ENTERING WATER PRESSURE	MPS	MEDIUM PRESSURE STEAM	VAC	MEDICAL VACUUM
EXH	EXHAUST	(N)	NEW	VB	VACUUM BREAKER
FA	FACE AREA	N2	NITROGEN	VCP	VITRIFIED CLAY PIPE
FC	FLEXIBLE CONNECTION	NC	NORMALLY CLOSED	VD	VOLUME DAMPER
FCO	FLOOR CLEANOUT	NFA	NET FREE AREA	VEL	VELOCITY
FD	FLOOR DRAIN	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	VFD	VARIABLE FREQUENCY DRIVE
FDC	FIRE DEPARTMENT CONNECTION	NO	NORMALLY OPEN	VTR	VENT THRU ROOF
FDR	FIRE DAMPER	N2O	NITROUS OXIDE	VV	VAPOR VENT
FE	FIRE EXTINGUISHER	NTS	NOT TO SCALE	W	WASTE
FEC	FIRE EXTINGUISHER CABINET	NW	NON-POTABLE WATER	WB	WET BULB TEMPERATURE
FFL	FINISHED FLOOR LEVEL	OE	OPEN END DUCT	WC	WATER CLOSET
FH	FIRE HYDRANT			WCO	WALL CLEANOUT
FHC	FIRE HOSE CABINET			WP	WEATHER OR WATER PROOF
				WSP	WET STAND PIPE
				WT	WEIGHT
				(X)	REMOVE

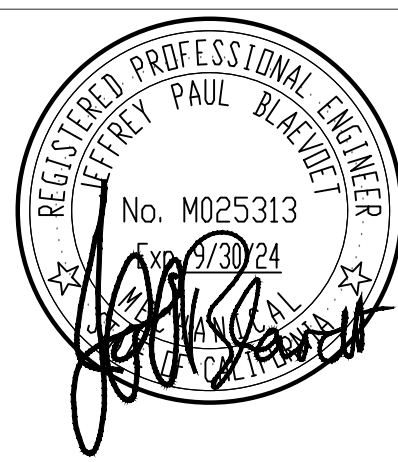
DRAWING LIST

Sheet Number	Sheet Title
M0.01	LEGEND, SYMBOLS, GENERAL NOTES & DRAWING LIST
M1.31	DEMOLITION PLAN - 1ST FLOOR AND MEZZANINE - HVAC
M1.31A	DEMOLITION PLAN - 1ST FLOOR AND MEZZANINE - HVAC - DEDUCT ALTERNATE #1
M1.32	ARCHIVE MECHANICAL PLAN FOR REFERENCE ONLY
M2.31	FLOOR PLAN - 1ST FLOOR AND MEZZANINE - HVAC
M2.31A	FLOOR PLAN - 1ST FLOOR AND MEZZANINE - HVAC - DEDUCT ALTERNATE #1
M3.01	ENLARGED PLANS - HVAC
M3.01A	ENLARGED PLANS - HVAC - DEDUCT ALTERNATE #1
M4.01	DETAILS
M4.01A	DETAILS - DEDUCT ALTERNATE #1

NOLL & TAM ARCHITECTS

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SEAL



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San Francisco, CA 94133-1449
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E g&b@gb-eng.com

PROJECT TITLE

SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE 11/20/2023

NST JOB NUMBER 21824

REVISIONS	DATE	DESCRIPTION
2	4/25/2024	RESUBMITTAL 2

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shrums Code Associates

SHEET TITLE

LEGEND, SYMBOLS,
GENERAL NOTES &
DRAWING LIST

SHEET NUMBER

M0.01

APPROVALS

SEAL



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PROJECT TITLE

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10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE 11/20/2023

N&T JOB NUMBER 21824

REVISIONS

DATE	DESCRIPTION
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05/03/2024
Shrums Code Associates

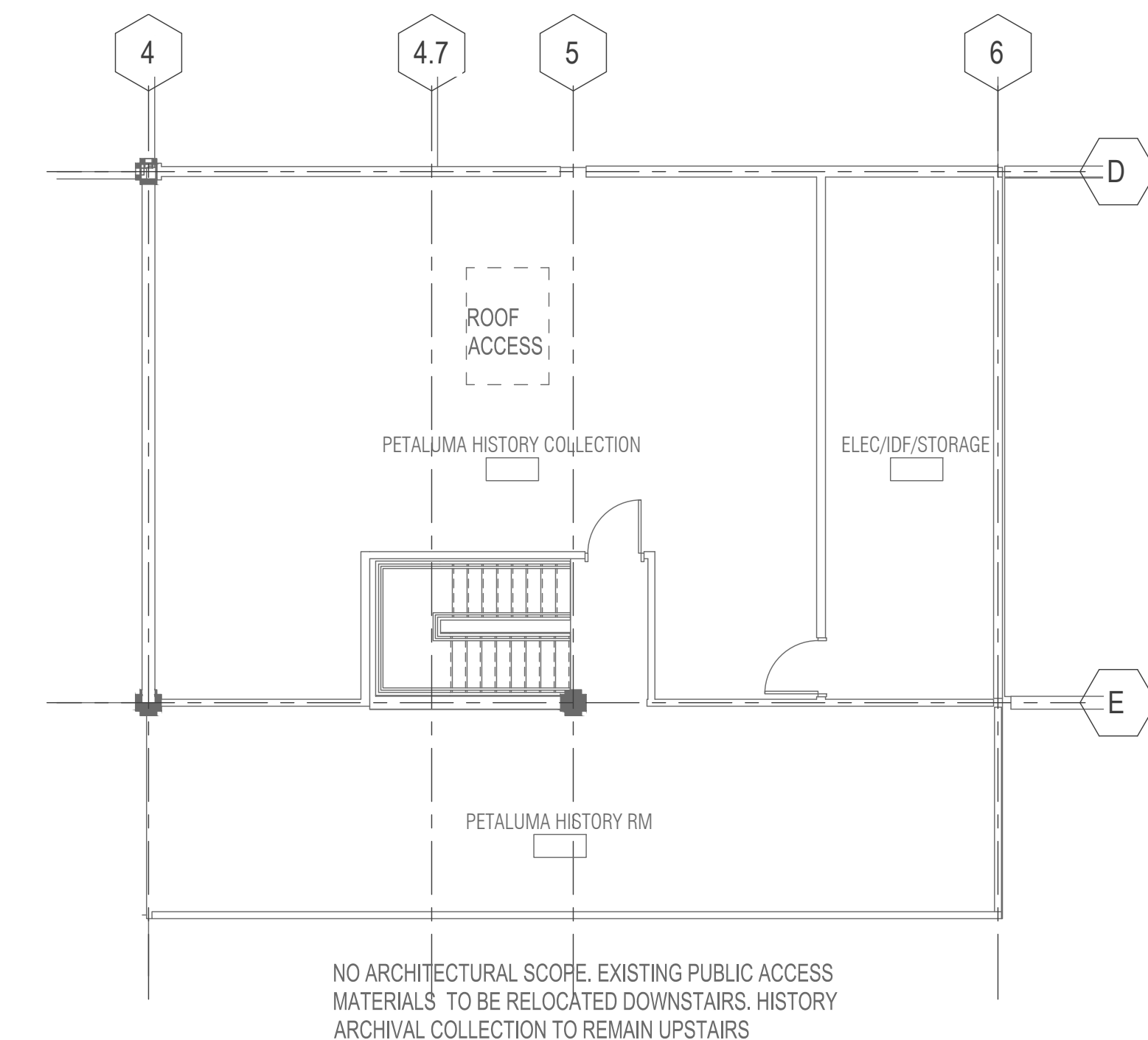
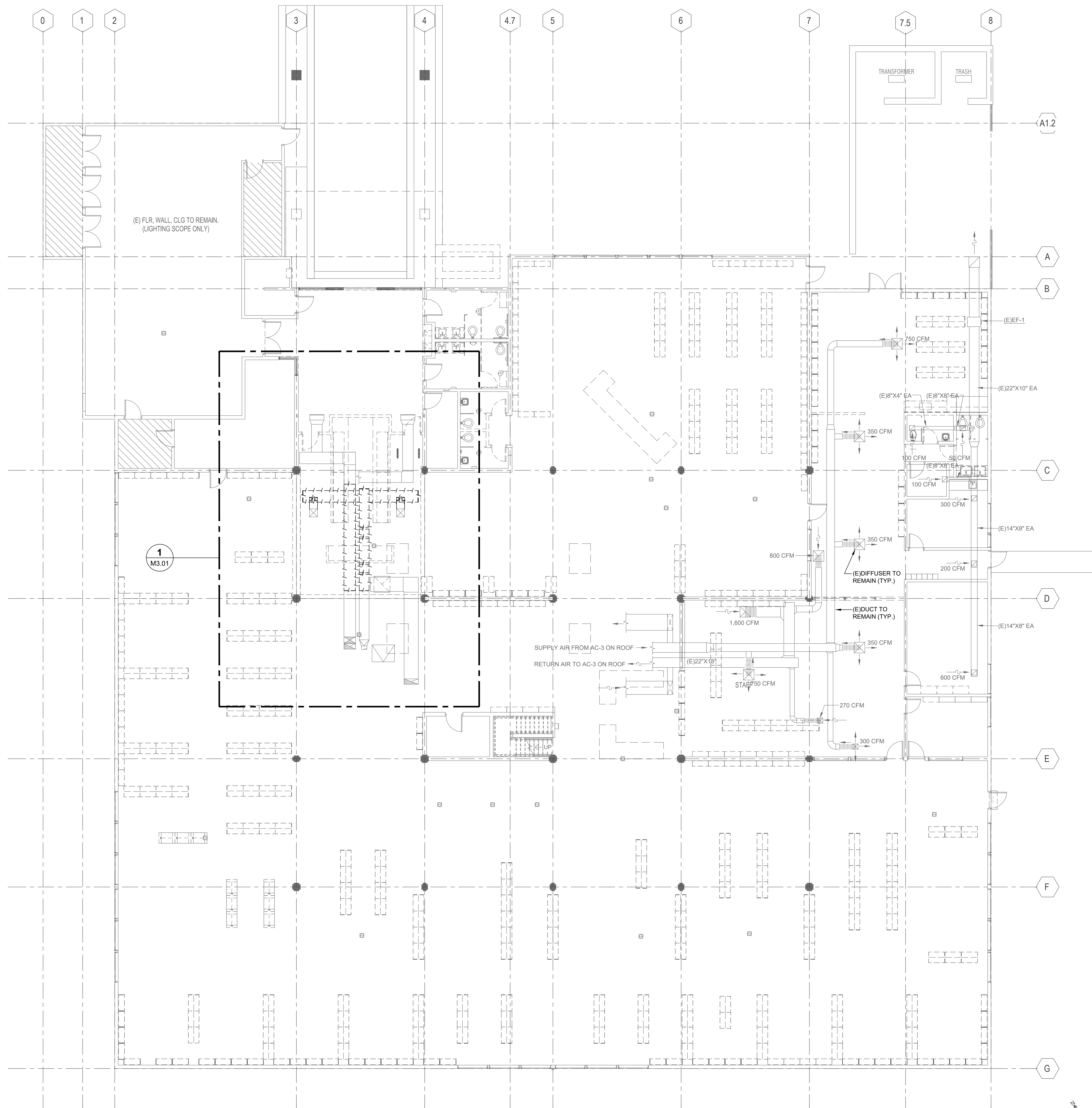
SHEET TITLE

**DEMOLITION PLAN - 1ST
FLOOR AND MEZZANINE
- HVAC**

SHEET NUMBER

M1.31

APPROVALS



1 01 - FLOOR PLAN (DEMO) - HVAC
1/8" = 1'-0"

2 MEZZANINE (DEMO)
1/8" = 1'-0"

SEAL



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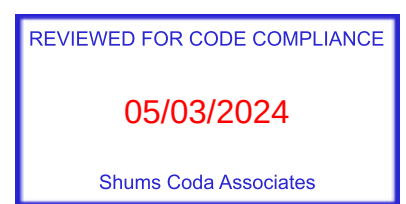
PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/20/2023
N&T JOB NUMBER	21824
REVISIONS	
2	4/25/2024 RESUBMITTAL 2



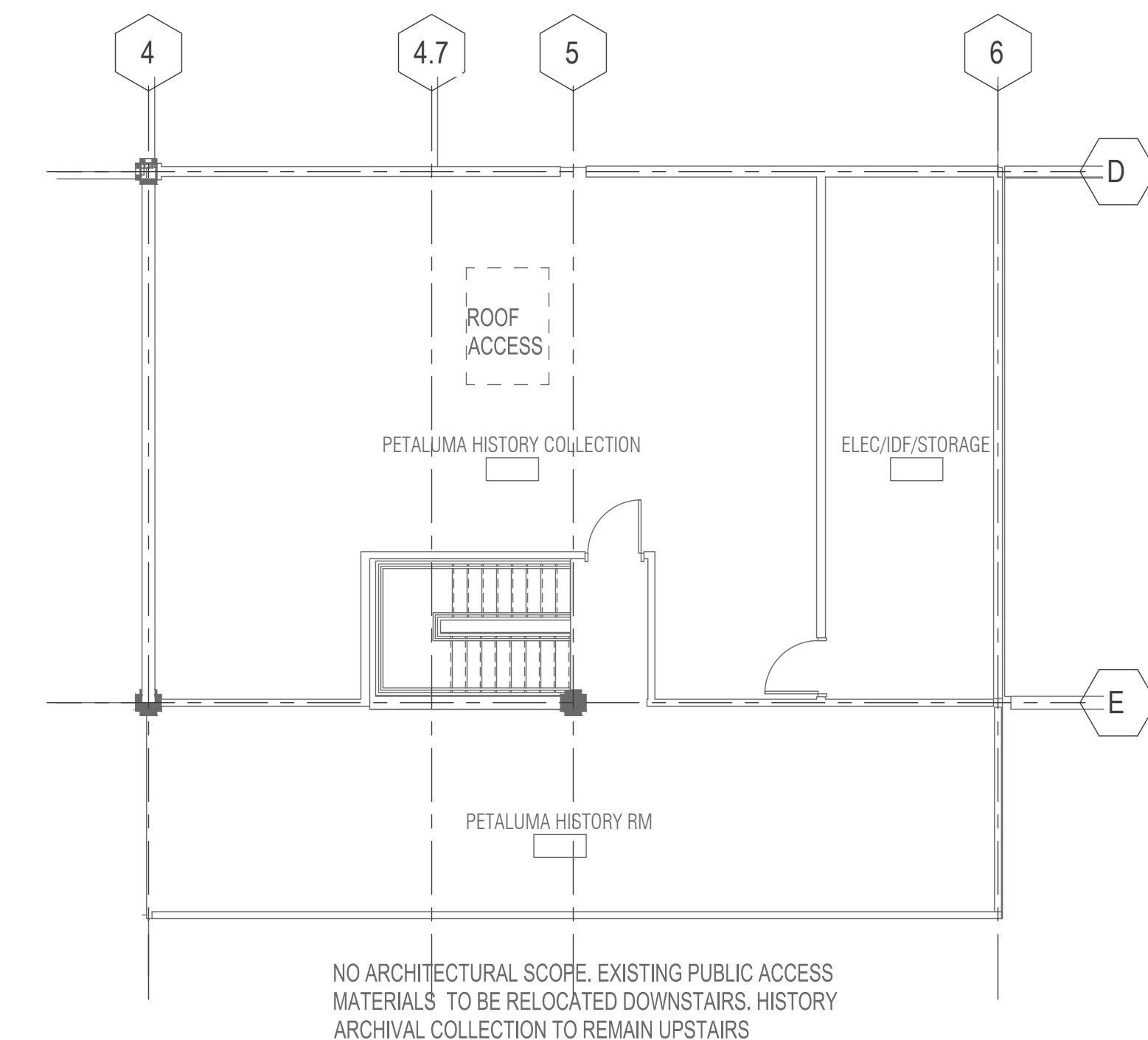
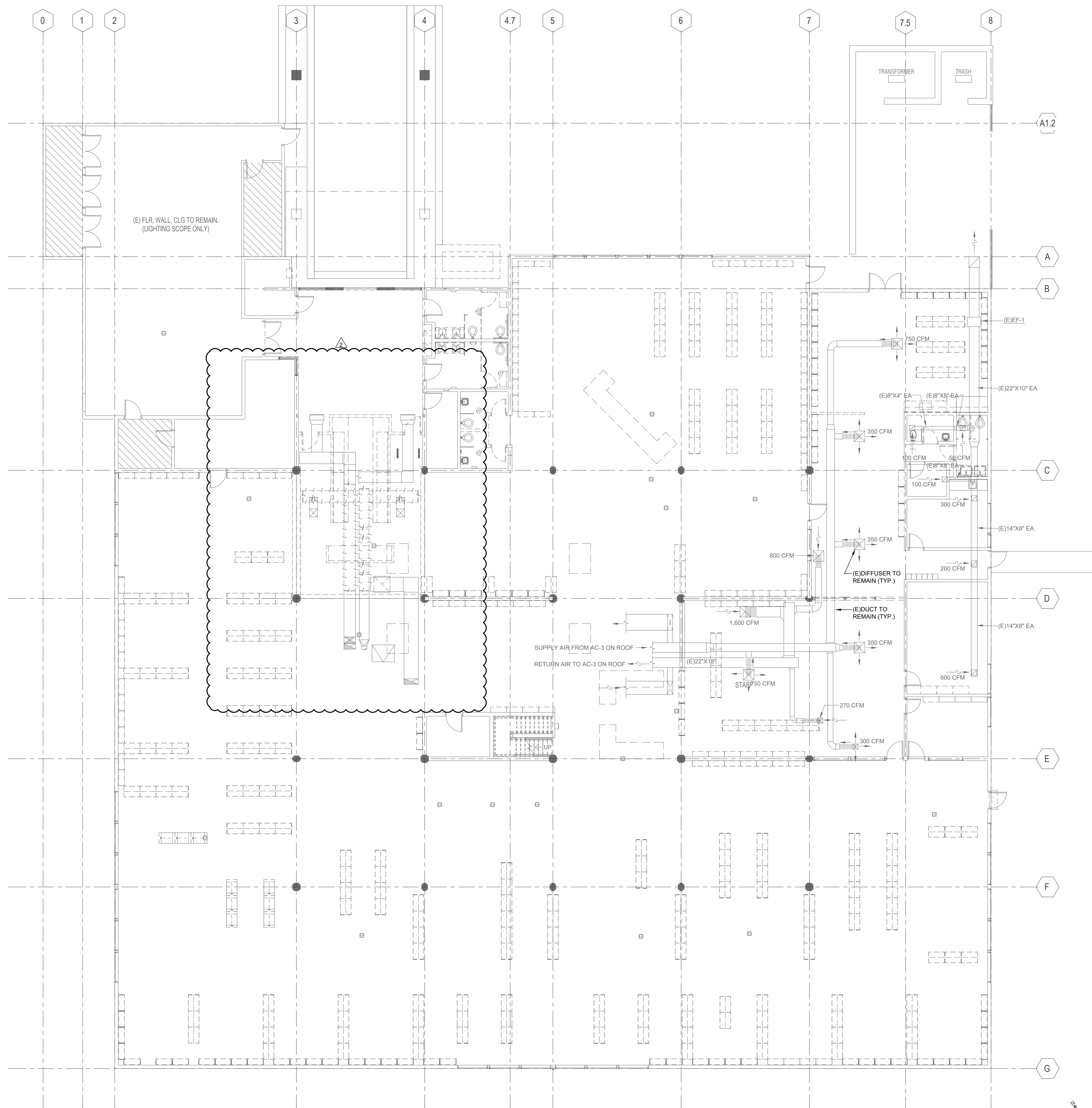
SHEET TITLE

**DEMOLITION PLAN - 1ST
FLOOR AND MEZZANINE
- HVAC - DEDUCT
ALTERNATE #1**

SHEET NUMBER

M1.31A

APPROVALS



1 01 - FLOOR PLAN (DEMO) - HVAC
1/8" = 1'-0"

2 MEZZANINE (DEMO)
1/8" = 1'-0"

SEAL



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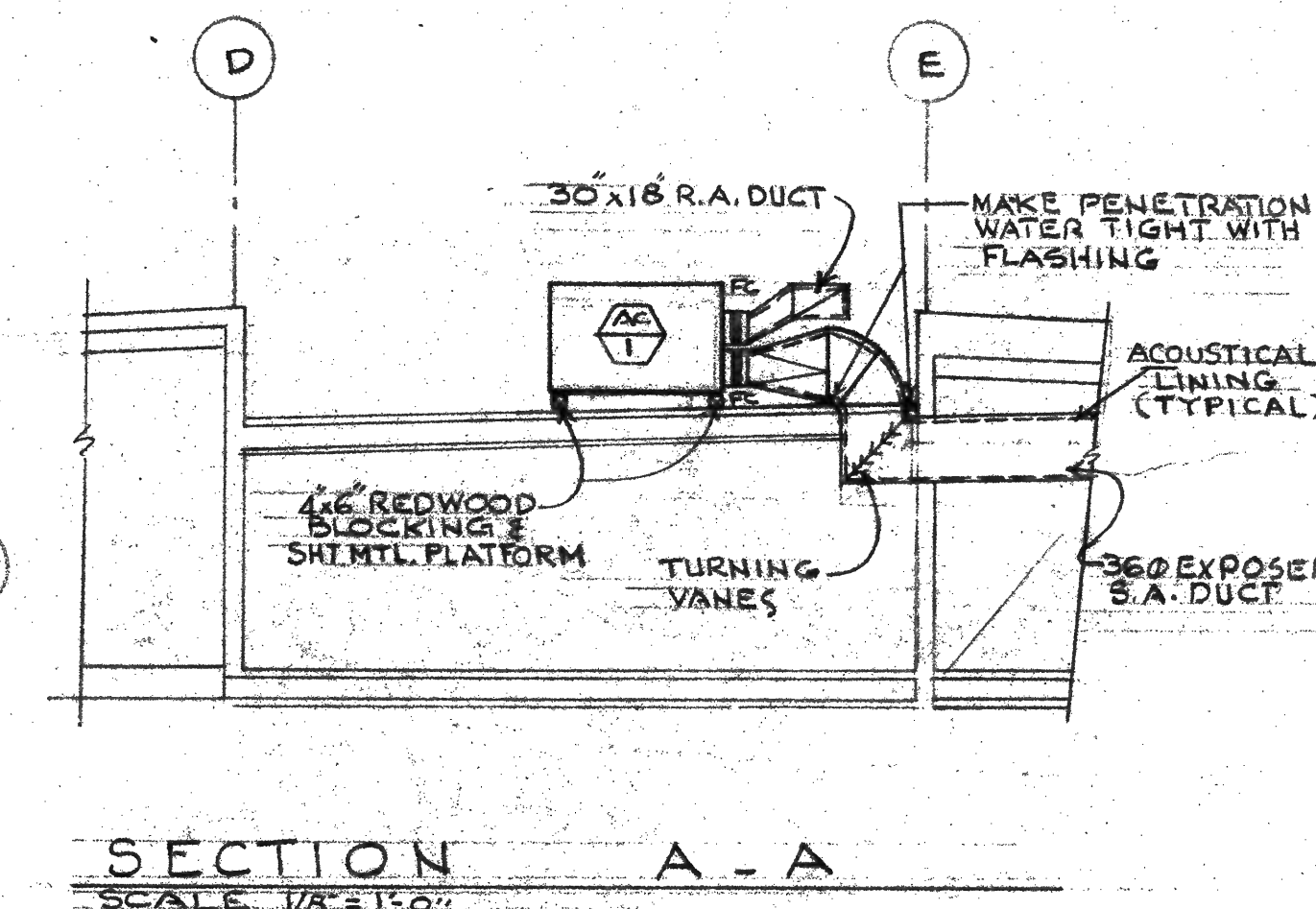
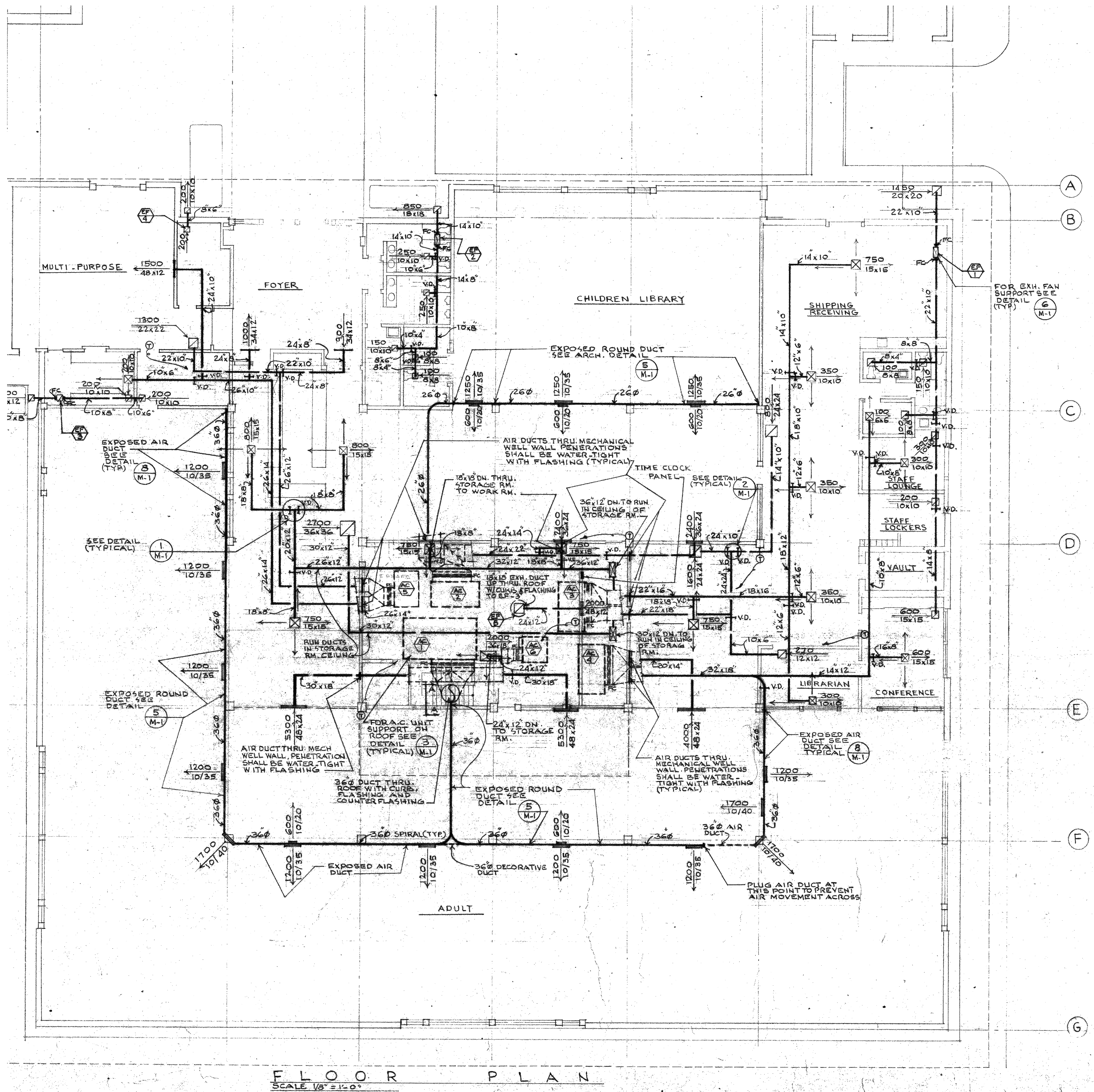
REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shrums Code Associates

SHEET TITLE
ARCHIVE MECHANICAL
PLAN FOR REFERENCE
ONLY

SHEET NUMBER

M1.32

APPROVALS



SEAL

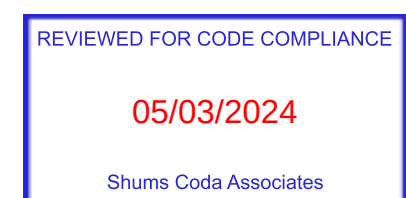
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SHEET TITLE

FLOOR PLAN -1ST
FLOOR AND MEZZANINE
- HVAC - DEDUCT
ALTERNATE #1

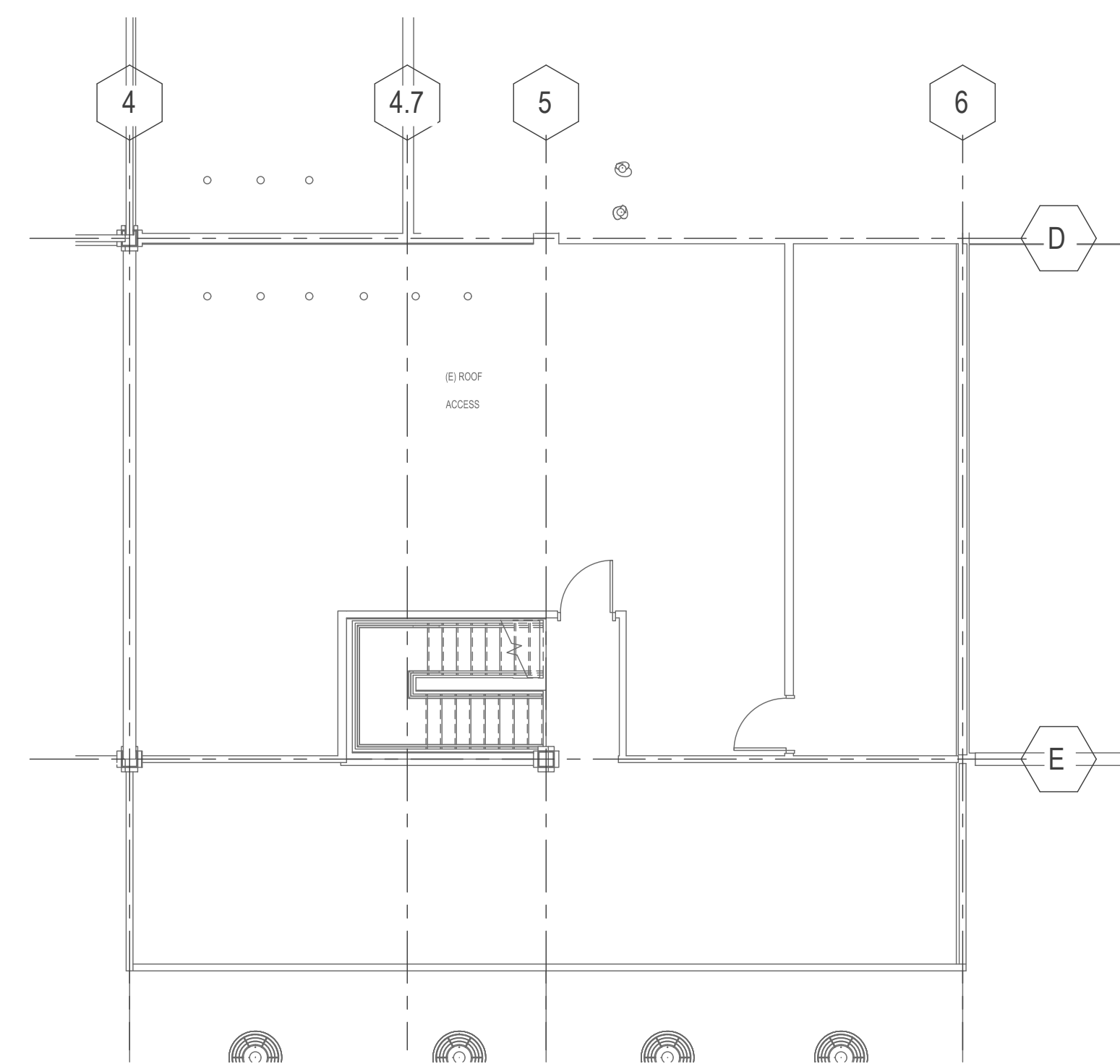
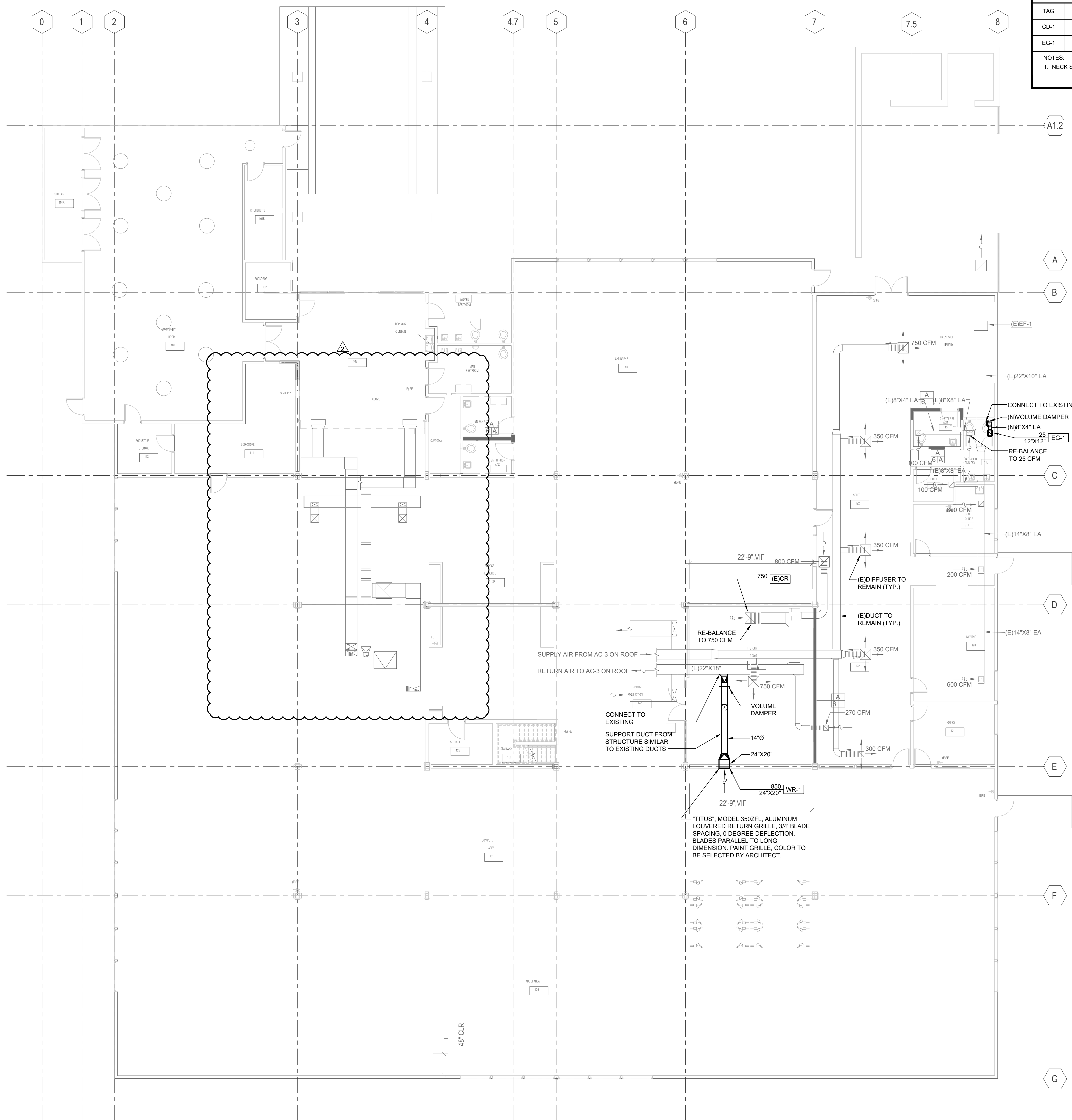
SHEET NUMBER

M2.31A

APPROVALS

AIR OUTLET SCHEDULE

TAG	TYPE	MANUFACTURER	MODEL	DESCRIPTION	NOTES
CD-1	CEILING SUPPLY DIFFUSER	TITUS	TDC-AA	18"X18" MODULE, ALUMINUM LOUVER FACE	1
EG-1	CEILING EXHAUST GRILLE	TITUS	50F	12"X12" MODULE, ALUMINUM BORDER AND GRID, 3/4"X3/4" GRID SIZE	1

NOTES:
1. NECK SIZES ARE INDICATED ON PLANS.

AIR BALANCE NOTES:

1. BALANCE THE SUPPLY AND RETURN AIR FLOWS OF THE AFFECTED SUPPLY AND RETURN GRILLES IN THIS SCOPE OF WORK AND SET TO THE MEASURED PRE-BALANCE CFMS.

GENERAL NOTES:

- A. MOUNT NEW DUCTS A MINIMUM OF 12" ABOVE NEW LIGHT FIXTURES.
- B. AFTER COMPLETION OF WORK, TESTS ON THE HVAC SYSTEMS, INCLUDING A DUCT LEAKAGE TEST, AND AN AIR BALANCE PERFORMANCE TEST SHALL BE PERFORMED IN ACCORDANCE WITH AN APPROVED METHOD PER CMC 314.1.

SHEET NOTES:

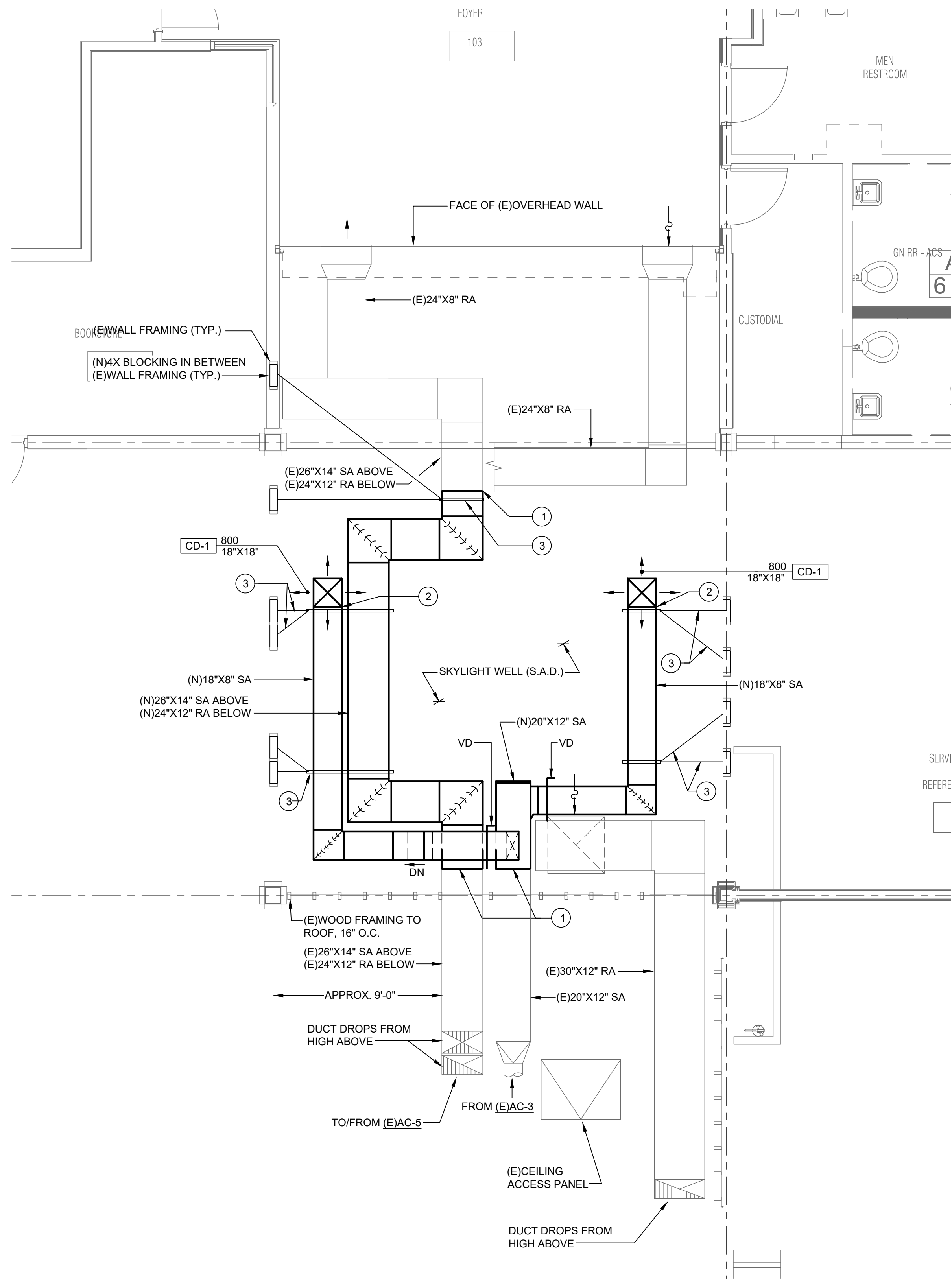
1. CONNECT NEW DUCT TO EXISTING.
2. CONNECT NEW DUCT TO EXISTING SUPPLY AIR DIFFUSER.
3. DUCT LATERAL AND LONGITUDINAL SEISMIC BRACING. SEE DETAILS 3 AND 4 ON SHEET M4.01 FOR ADDITIONAL INFORMATION.

AIR PRE-BALANCE NOTES:

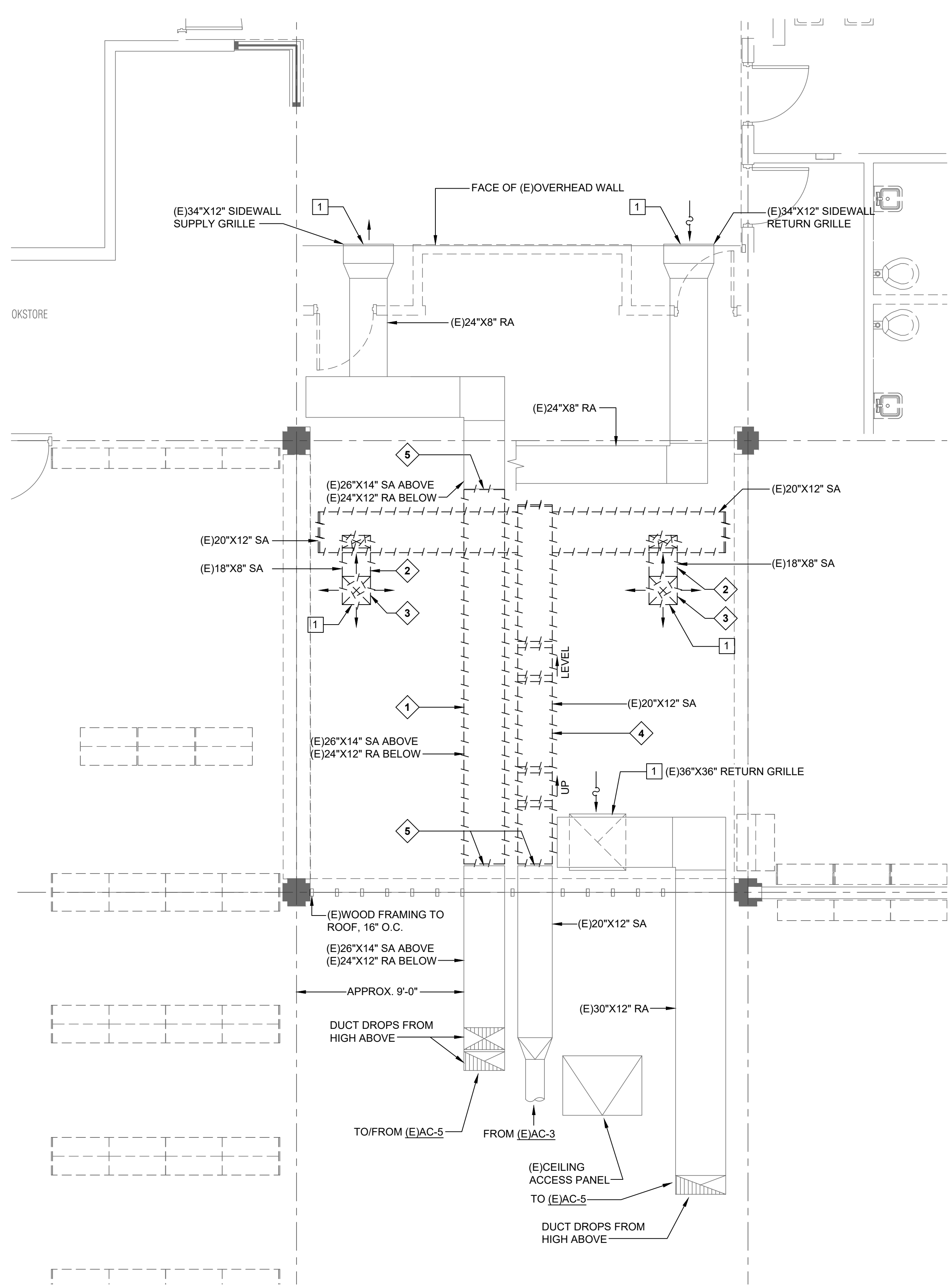
1. CONTRACTOR SHALL PROVIDE AN AIR PRE-BALANCE REPORT FOR THE AC-3 AND AC-5 DIFFUSERS AND GRILLES IN THIS SCOPE OF WORK PRIOR TO ANY DEMOLITION AND SUBMIT TO THE ENGINEER OF RECORD.

DEMOLITION SHEET NOTES:

1. REMOVE AND DISCARD EXISTING 26"x14" SUPPLY AIR DUCT (ABOVE) AND EXISTING 24"x12" RETURN AIR DUCT (BELOW).
2. REMOVE AND DISCARD EXISTING 18"x8" SUPPLY DUCT.
3. REMOVE AND DISCARD EXISTING 18"x18" FACE SUPPLY AIR GRILLE.
4. REMOVE AND DISCARD EXISTING 26"x12" SUPPLY DUCT.
5. PREPARE EXISTING DUCTS FOR CONNECTION TO NEW.



2 ENLARGED FLOOR PLAN - HVAC
1/4" = 1'-0"



1 ENLARGED FLOOR PLAN - HVAC DEMOLITION
1/4" = 1'-0"

NOLL
& TAM
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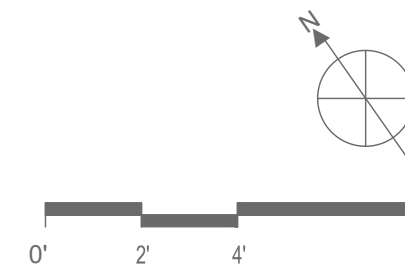
SHEET TITLE

ENLARGED PLANS -
HVAC

SHEET NUMBER

M3.01

APPROVALS





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REVIEWED FOR CODE COMPLIANCE

05/03/2024

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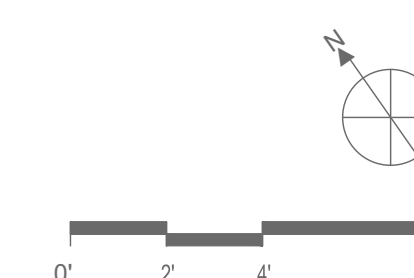
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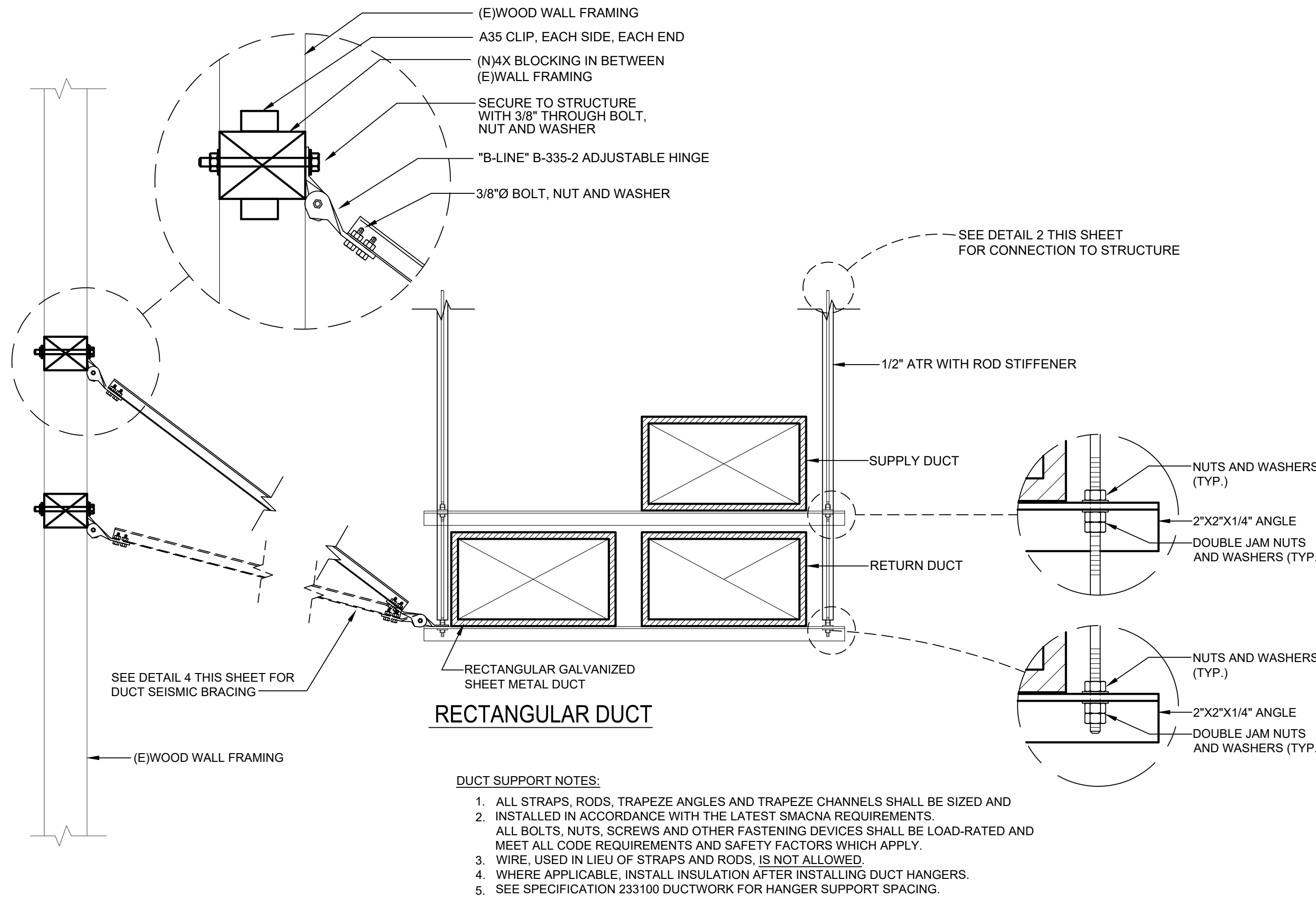
**ENLARGED PLANS –
HVAC – DEDUCT
ALTERNATE #1**

SHEET NUMBER

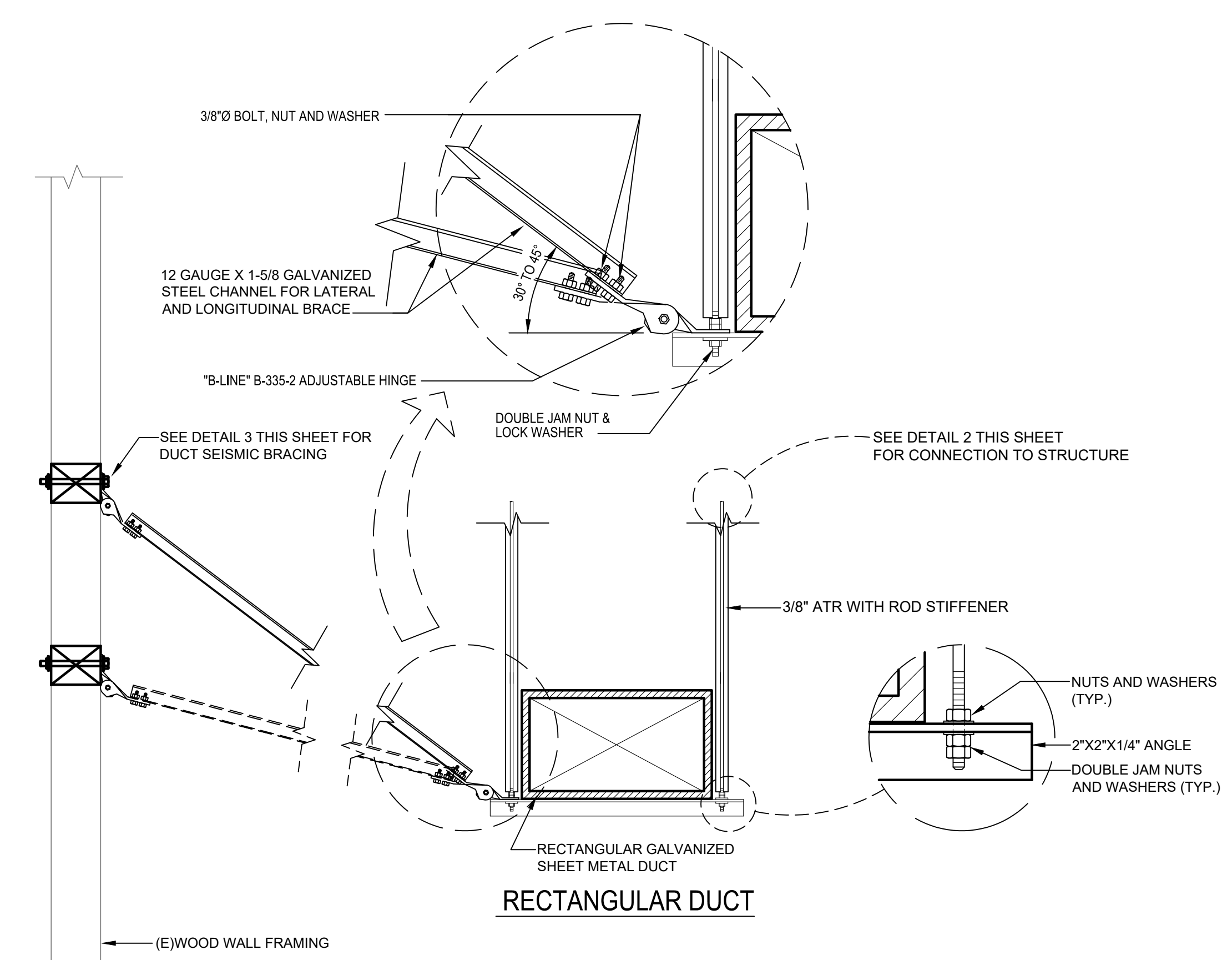
M3.01A

APPROVALS

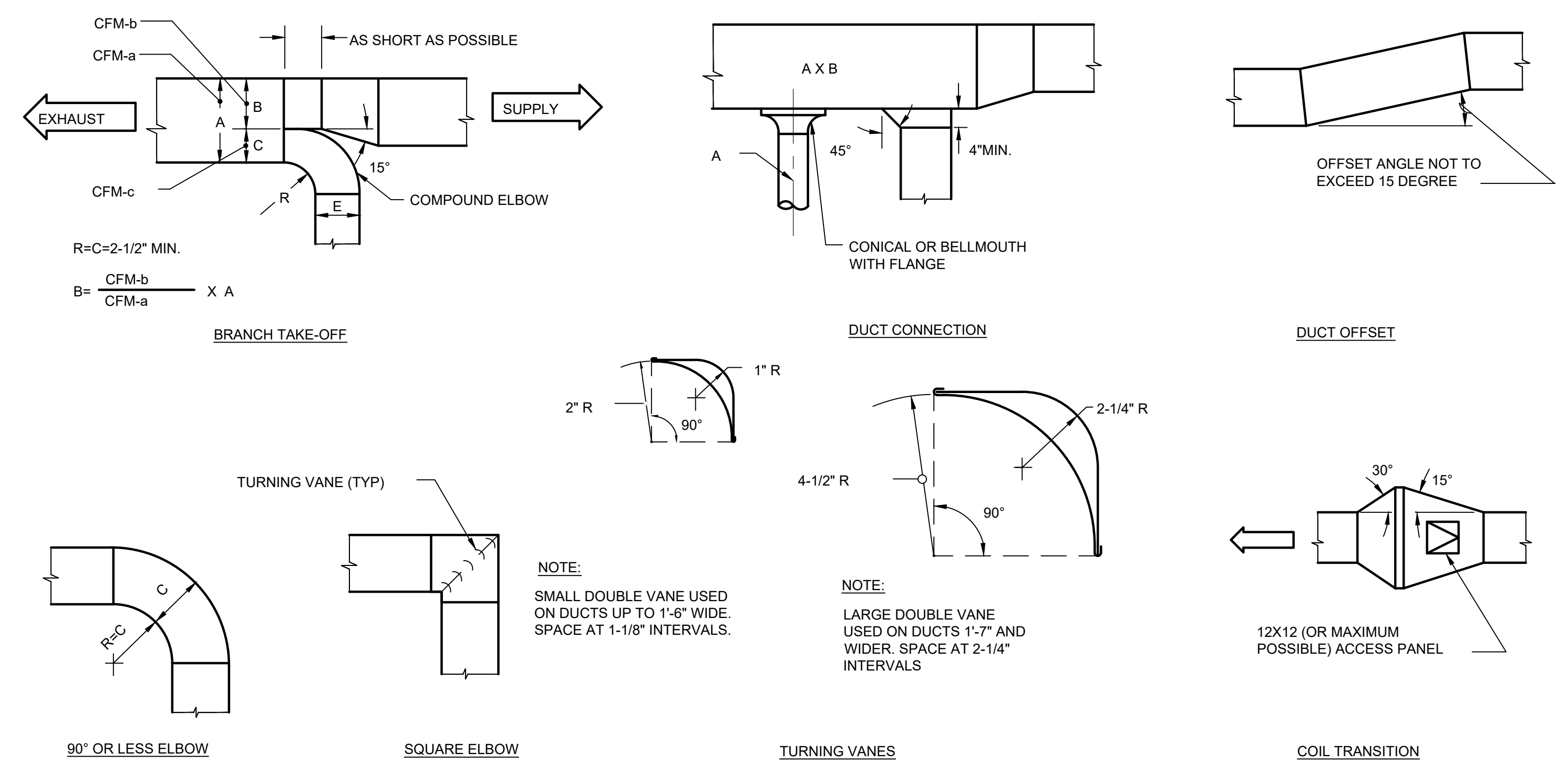




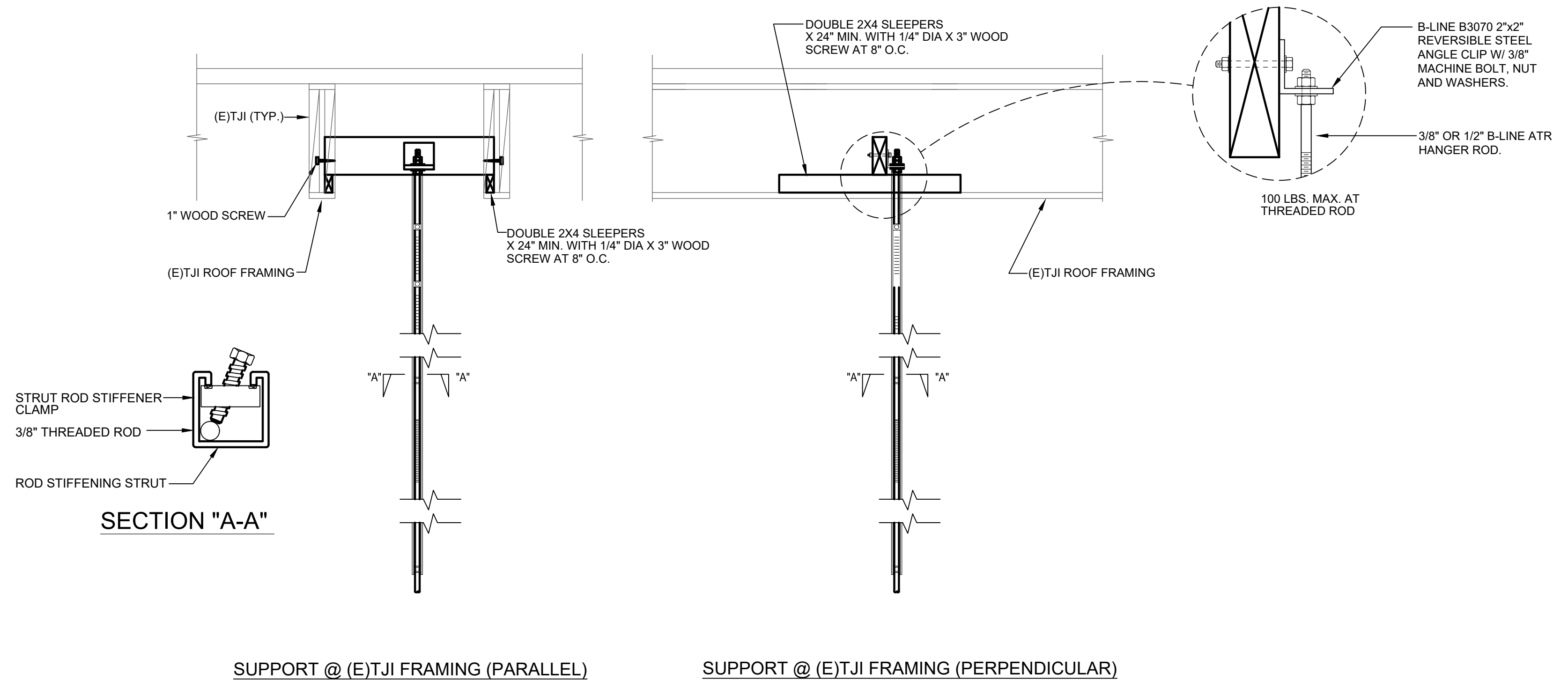
3 STACKED RECTANGULAR DUCT SUPPORT DETAIL
NOT TO SCALE



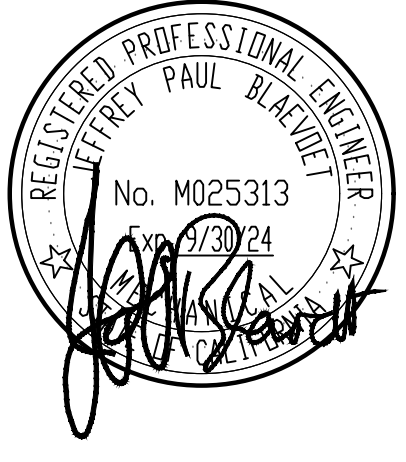
4 RECTANGULAR DUCT SUPPORT DETAIL
NOT TO SCALE



1 LOW VELOCITY DUCT CONSTRUCTION DETAILS
NO SCALE



2 CONNECTION TO STRUCTURE DETAIL
NOT TO SCALE



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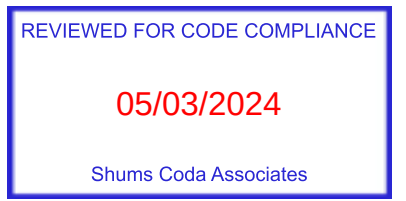
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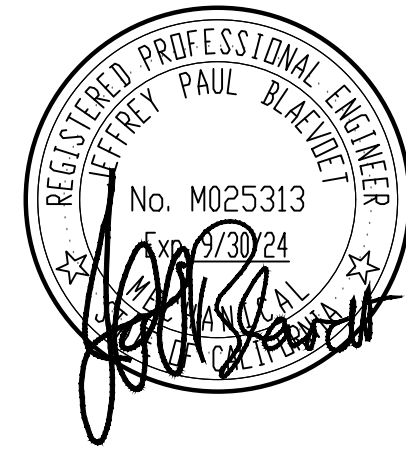
DETAILS

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M4.01

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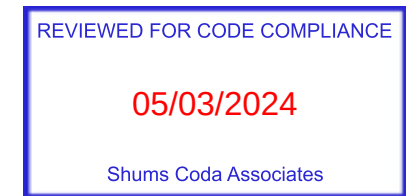
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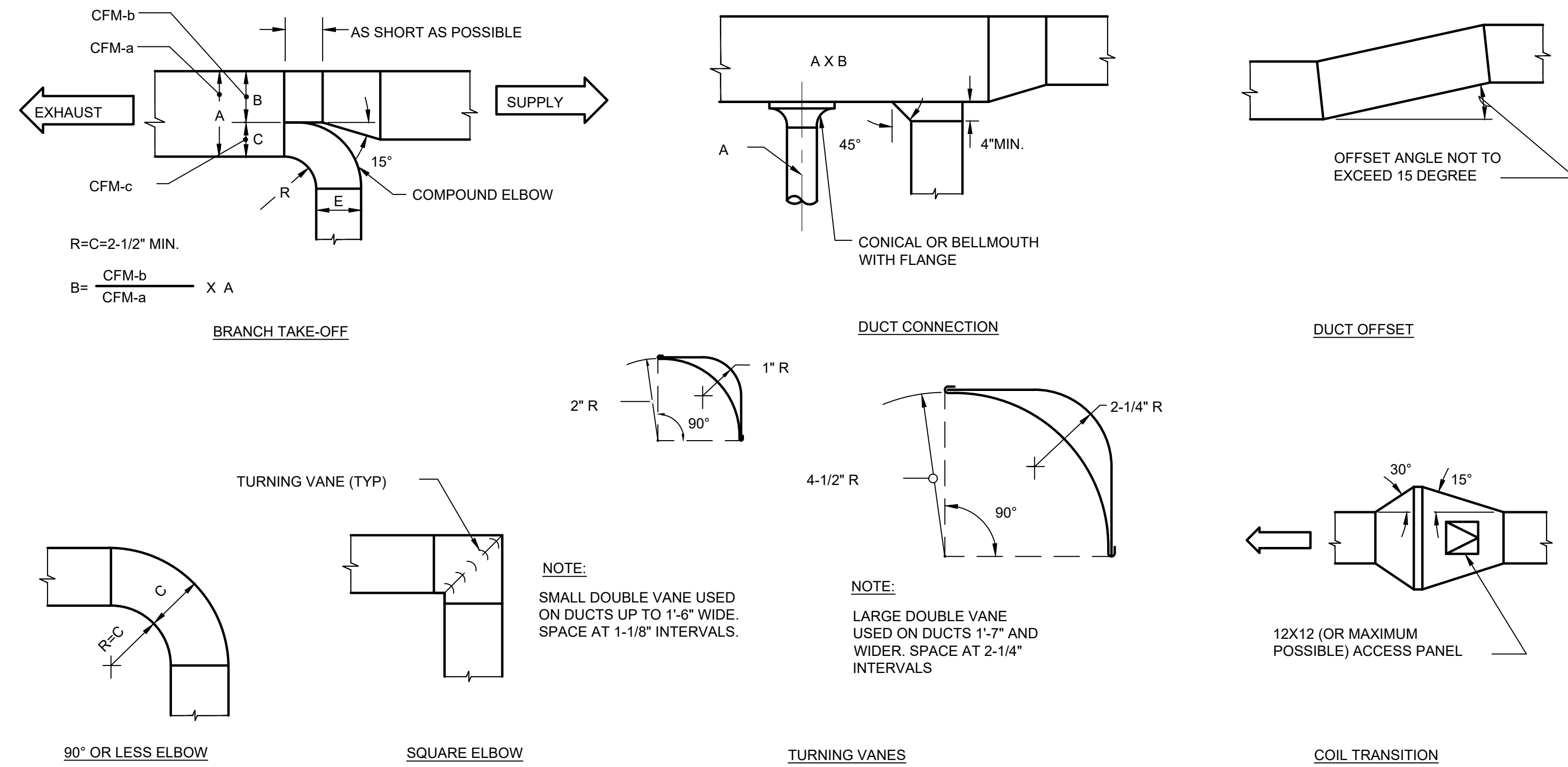
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DETAILS – DEDUCT
ALTERNATE #1

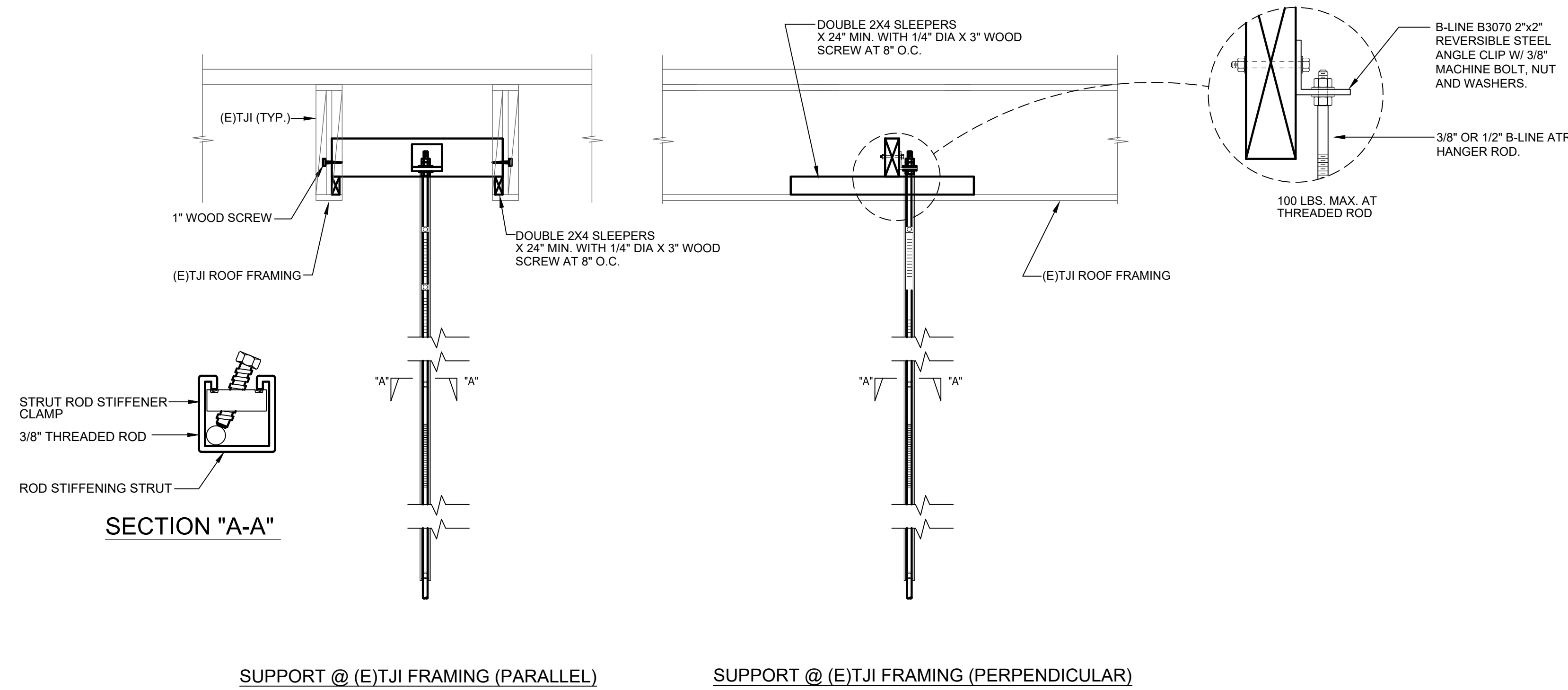
SHEET NUMBER

M4.01A

APPROVALS



1 LOW VELOCITY DUCT CONSTRUCTION DETAILS
NO SCALE



2 CONNECTION TO STRUCTURE DETAIL
NOT TO SCALE