PARTIAL INTERMEDIATE LEVEL **DEMOLITION PLAN - AREA A**

GENERAL DEMOLITION PLAN NOTES

REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND ASBESTOS DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE REMOVALS WITH ALL OTHER CONTRACTORS.

2. MAINTAIN INTEGRITY OF ITEMS THAT ARE TO REMAIN. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO MATCH EXISTING ADJACENT SURFACES.

3. COORDINATE EXTENT OF SELECTIVE DEMOLITION WITH NEW WORK.

4. PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED PRIOR TO COMMENCING DEMOLITION. DO NOT DAMAGE OR DISTURB EXISTING STRUCTURAL ELEMENTS THAT ARE TO REMAIN. WHERE WALLS ARE TO BE REMOVED, DO NOT REMOVE EXISTING COLUMNS, UNLESS NOTED OTHERWISE. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON REMOVALS OF STRUCTURAL ELEMENTS.

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Alterations Phase Two

5. REMOVE ALL WALL MOUNTED ITEMS (INCLUDING SOAP DISPENSERS, PAPER TOWEL DISPENSERS, FIRE EXTINGUISHERS, FIRE BLANKETS, FIRST AID KITS, CASEWORK, BOARDS, ACCESSORIES, PROJECTION SCREENS) AND ITEMS BUILT IN OR LOCATED ON WALLS SHOWN TO BE DEMOLISHED OR AS REQUIRED BY NEW CONSTRUCTION.

6. PRIOR TO START OF PROJECT, OWNER SHALL REMOVE LOOSE EQUIPMENT SUCH AS FURNITURE, DESKS, CHAIRS, SHELVING, WINDOW AIR CONDITIONERS, ETC., UNLESS NOTED OTHERWISE. 7. REMOVE CEILING SYSTEM AND SOFFITS IN ALL SPACES SCHEDULED TO RECEIVE NEW CEILING OR WHERE EXPOSED STRUCTURE IS CALLED FOR, UNLESS NOTED OTHERWISE. SEE ROOM

FINISH SCHEDULE AND CEILING PLANS. 8. REMOVE EXISTING WINDOW TREATMENTS COMPLETE INCLUDING BLINDS, SHADES AND CURTAINS WHERE REQUIRED FOR NEW WINDOW TREATMENTS.

9. DEMOLITION TO INCLUDE COMPLETE REMOVAL OF ALL FASTENERS, ADHESIVES AND RELATED ITEMS COMPLETELY DOWN TO SUBSTRATE. PATCH SUBSTRATE AS REQUIRED FOR NEW FINISHES. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO BLEND WITH AND MATCH EXISTING ADJACENT SURFACES, OR PROVIDE NEW CONSTRUCTION AS

10. PATCH ALL HOLES, PENETRATIONS, ETC. IN CONCRETE SLAB TO MATCH ADJACENT STRUCTURAL FINISH. AT EXISTING CONDUIT IN SLAB, EC TO REMOVE WIRING, GC TO GROUND DOWN CONCRETE SLAB AND CONDUIT BELOW FLOOR SURFACE. FLASH PATCH AND PREP FOR NEW SURFACES TO RECEIVE NEW FLOOR FINISH.

11. GENERAL CONTRACTOR TO PROVIDE ALL CONCRETE SLAB REMOVALS AND INFILLS FOR ALL CONTRACTORS INSIDE THE BUILDING. EXCAVATION AND BACKFILL IS BY EACH CONTRACTOR FOR THEIR OWN WORK. CONTRACTORS SHALL COORDINATE EXACT SIZES AND LOCATIONS.

DEMOLITION KEYNOTES:

REMOVE ALL REMAINING CASEWORK, BASE AND WALL CABINETS, BUILT-IN TABLES AND WORKSTATIONS, SHELVING AND SUPPORTS COMPLETE. COORDINATE WITH ABATEMENT DRAWINGS. PLUMBING FIXTURE REMOVALS BY PC.

REMOVE EXISTING FLAMMABLE STORAGE CABINET AS REQUIRED FOR INSTALLATION OF NEW WORK.

REMOVE EXISTING TOILET PARTITION SYSTEM COMPLETE.

(05) EXHAUST HOOD REMOVAL BY MC.

REMOVE ALL MARKER BOARDS, TACK BOARDS, AND CHALKBOARDS AS REQUIRED FOR INSTALLATION OF NEW WORK.

REMOVE EXISTING DOOR, DOOR FRAME, DOOR HARDWARE, (IF) SIDELIGHTS AND/OR TRANSOMS, AND (IF) THRESHOLD COMPLETE. INFILL OR WIDEN OPENING PER FLOOR PLANS. SMARTBOARD SYSTEM REMOVAL BY EC.

09 TV SYSTEM REMOVAL BY EC.

REMOVE EXISTING WINDOW UNIT COMPLETE AND ADJACENT WALL CONSTRUCTION AS REQUIRED FOR NEW WORK.

REMOVE EXISTING DUST COLLECTION SYSTEM COMPLETE.

REMOVE EXISTING SUSPENDED CEILING SYSTEM. SEE CEILING PLANS FOR ADDITIONAL INFORMATION.

REMOVE EXISTING FIRE EXTINGUISHER AND BRACKETS.

REMOVE EXISTING RESILIENT FLOOR COVERING, BASE, AND ADHESIVE COMPLETE TO STRUCTURAL FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW WORK.

 \bigcap REMOVE EXISTING METAL LADDER AS REQUIRED FOR INSTALLATION OF NEW WORK.

SAWCUT AND REMOVE PORTIONS OF EXISTING CMU OR CONCRETE PAD AND (IF) FOUNDATION AS REQUIRED FOR INSTALLATION OF NEW WORK.

REMOVE EXISTING WALLS OR PORTIONS OF WALLS COMPLETE AS REQUIRED FOR INSTALLATION OF NEW WORK. ALL SLABS SHALL BE LEVELED AND PATCHED AT AREAS OF REMOVAL AS REQUIRED FOR INSTALLATION OF NEW WORK. WHERE DEMOLITION INVOLVED EXTERIOR FACE BRICK, SALVAGE FACE BRICK FOR REUSE. GC SHALL BRACE EXISTING BUILDING AS REQUIRED TO MAINTAIN STABILITY. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

POWER POLE AND RELATED ELECTRIC REMOVALS BY EC.

(19) MECHANICAL REMOVALS BY MC. GC TO INFILL OPENING.

REMOVE EXISTING WINDOW/DOOR CURTAIN WALL UNIT COMPLETE AS REQUIRED BY INSTALLATION OF NEW WORK.

MC AND EC SHALL REMOVE EXISTING LIGHT FIXTURES, DIFFUSERS, GRILLES, SPEAKERS, ACCESS PANELS, SPECIAL MOLDINGS, FIRE—SUPPRESSION SYSTEM, AND HVAC EQUIPMENT AS REQUIRED FOR INSTALLATION OF NEW WORK. GC, MC, AND EC SHALL COORDINATE WORK.

(22) CEILING-MOUNTED PROJECTOR REMOVAL BY EC.

EC SHALL REMOVE AND DISCONNECT EXISTING ELECTRICAL PANEL AND RELATED ELECTRIC AS REQUIRED FOR INSTALLATION OF NEW WORK. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. EC AND GC SHALL COORDINATE WORK.

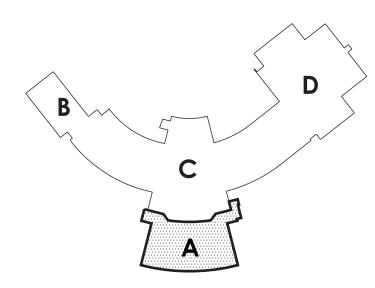
REMOVE EXISTING SHELF(VES) AND SUPPORT SYSTEM COMPLETE AS REQUIRED FOR INSTALLATION OF NEW WORK.

SAWCUT AND REMOVE PORTIONS OF EXISTING CONCRETE SIDEWALK AS REQUIRED FOR INSTALLATION OF NEW WORK.

CUT OPENING IN EXISTING WALL AS REQUIRED FOR NEW OPENING (DOOR, WINDOW, OR MECHANICAL OPENING). SEE STRUCTURAL DRAWINGS FOR NEW LINTEL SCHEDULE. PATCH ADJACENT CONSTRUCTION AS REQUIRED. SEE NEW ARCHITECTURAL OR MEP DRAWINGS FOR ADDITIONAL INFORMATION. GC SHALL PROVIDE ALL OPENINGS IN MASONRY WALLS FO RTHE WORK OF OTHER TRADES. COORDINATE WITH MEP DRAWINGS FOR SIZES AND LOCATIONS.

REMOVE EXISTING OVERHEAD DOOR, DOOR HARDWARE, AND TRACK COMPLETE. EXISTING LINTEL SHALL REMAIN. GC SHALL PREPARE EXISTING OPENING FOR NEW OVERHEAD DOOR.

ALTERNATE 4-G: REMOVE EXISTING WOOD-FRAMED PLATFORM SUPPORTING UNIT VENTILATOR.



INTERMEDIATE FLOOR KEY PLAN



GENERAL FLOOR PLAN NOTES

1. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO PROCEEDING WITH WORK. IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCY. ADJUST DIMENSIONS OF NEW WORK

2. DIMENSIONS SHOWN ON PLANS ARE TO FACE OF NOMINAL MASONRY WALLS, THE CENTER LINES OF COLUMNS OR THE FINISHED FACE OF GWB ASSEMBLIES UNLESS INDICATED OTHERWISE. DIMENSION STRINGS THROUGH WINDOW OPENINGS ARE TO FACE OF WALL AND DO NOT INCLUDE

ALL PARTITIONS ARE CENTERED ON COLUMN LINES UNLESS NOTED OR DIMENSIONED OTHERWISE.

4. REFER TO DRAWING GP801 FOR WALL TYPE DESIGNATIONS AND DESCRIPTIONS.

5. ALL INTERIOR CMU WALLS ARE WALL TYPE D1 UNLESS NOTED OR DIMENSIONED OTHERWISE.

6. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS, UNLESS NOTED OTHERWISE.

7. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS INCLUDING BUT NOT LIMITED TO: LINTELS, BRACING, BOND BEAMS, BEARING WALL LOCATIONS, GROUTING, REINFORCING REQUIREMENTS AND LOCATIONS AND SIZES OF CONCRETE PADS.

8. GC SHALL COORDINATE ALL MECHANICAL CHASES AND WALL OPENINGS WITH EC, MC, AND PC GC SHALL PROVIDE ALL OPENINGS AND LINTELS AS REQUIRED. COORDINATE MASONRY OPENING SIZES AND DETAILS FOR LOUVERS WITH MC.

ALL NEW DRINKING FOUNTAINS, FLOOR DRAINS, LAVATORIES, WATER CLOSETS, URINALS TO BE PROVIDED BY PC.

10. PROVIDE CONTINUOUS 6" WIDE 16 GA GALVANIZED STEEL STRAP IN METAL STUD WALLS TO RECEIVE NEW CASEWORK, SHELVING, TOILET PARTITIONS, TOILET ACCESSORIES, LOCKERS, OR OTHER WALL MOUNTED EQUIPMENT. SEE EQUIPMENT DRAWINGS, PARTIAL PLANS, AND INTERIOR ELEVATIONS. COORDINATE EXACT LOCATIONS IN FIELD. PROVIDE CONTINUOUS METAL STRAPPING ACROSS FACE OF STUDS IN ALL LOCATIONS WHERE NEW CABINETS ABUT NEW STUD WALLS AS

A. TOP AND BOTTOM OF BASE CABINETS

B. TOP AND BOTTOM OF WALL CABINETS
C. TOP, BOTTOM AND MIDPOINT OF TALL CABINETS
D. TOP, BOTTOM AND MIDPOINT OF COUNTERTOP SUPPORTS TOP, BOTTOM AND MIDPOINT OF SHELVING STANDARDS

13. AT CMU INFILL, TOOTH—IN AND PATCH WALL AREA. RESTORE EXPOSED FINISHES OF ADJACENT AREAS AND EXTEND FINISHES INTO ADJOINING CONSTRUCTION TO REMAIN IN THE MANNER THAT ELIMINATES EVIDENCE OF PATCHING AND REFINISHING

14. GENERAL CONTRACTOR TO PROVIDE ALL CONCRETE SLAB REMOVALS AND SLAB INFILLS FOR ALL CONTRACTORS INSIDE THE BUILDING. EXCAVATION AND BACKFILL IS BY EACH CONTRACTOR FOR THEIR OWN WORK. CONTRACTORS SHALL COORDINATE EXACT SIZES AND LOCATIONS.

NEW CONSTRUCTION KEYNOTES

1 NOT USED.

DISPLAY CASE. SEE 6A/GP502 AND GP901 FOR DETAILS.

3 INFILL EXISTING WALL OPENING WITH CMU BACKUP AND SALVAGED FACE BRICK TO MATCH EXISTING ADJACENT MASONRY. TOOTH IN BRICK AND CMU. FORMED METAL COLUMN ENCLOSURE. SEE DETAIL 5/GP802.

ALTERNATE 4-G: OWNER TO PROVIDE NEW FLOOR FINISH AND WALL BASE AS REQUIRED BY ABATEMENT OF EXISTING CARPET AND PATCHING OF EXISTING FLOOR FINISH AND WALL BASE AS

REQUIRED BY UV REMOVALS. PROVIDE LOOSE STEEL LINTEL. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION. GC SHALL PROVIDE ALL OPENINGS AND LINTELS IN MASONRY WALLS FOR THE WORK OF OTHER TRADES. COORDINATE WITH MEP DRAWINGS FOR SIZES AND LOCATIONS.

7 ALTERNATE 2-G: OPERABLE MARKERBOARD PARTITION. BASE BID SHALL BE WALL TYPE A1 WITH PAINTED DRY ERASE COATING ON BOTH SIDES. 8 ALTERNATE 2-G: OPERABLE PARTITION POCKET DOOR FOR OPERABLE MARKERBOARD PARTITION.

9 FOLDING GLASS PARTITION WITH INSWING DOOR.

PAINT WALL FLOOR TO CEILING WITH DRY ERASE COATING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

FLAT PANEL DISPLAY BY OWNER. INSTALL (2) ROWS X 48" LONG FIRE-TREATED WOOD BACKING PLATE WITHIN WALL. COORDINATE EXACT LOCATION IN FIELD. 12 SUNSHADE CANOPY ABOVE DOORS. SEE SECTION 4/GP510.

13 WALL TO RECEIVE VINYL WALL COVERING (VWC) WITH CUSTOM GRAPHIC.

14 METALLIC LAMINATE PANEL CLADDING SYSTEM. SEE WALL SECTION 5/GP601.

TRACK AND CABLE ART DISPLAY SYSTEM MOUNTED AT 8'-0" AFF.

16 ART DISPLAY RAIL SYSTEM MOUNTED AT 6'-0" AFF.

17 MANUALLY OPERATED OVERHEAD DOOR IN EXISTING OPENING.

18 BUILT-IN BENCH. SEE GP/901 FOR DETAILS.

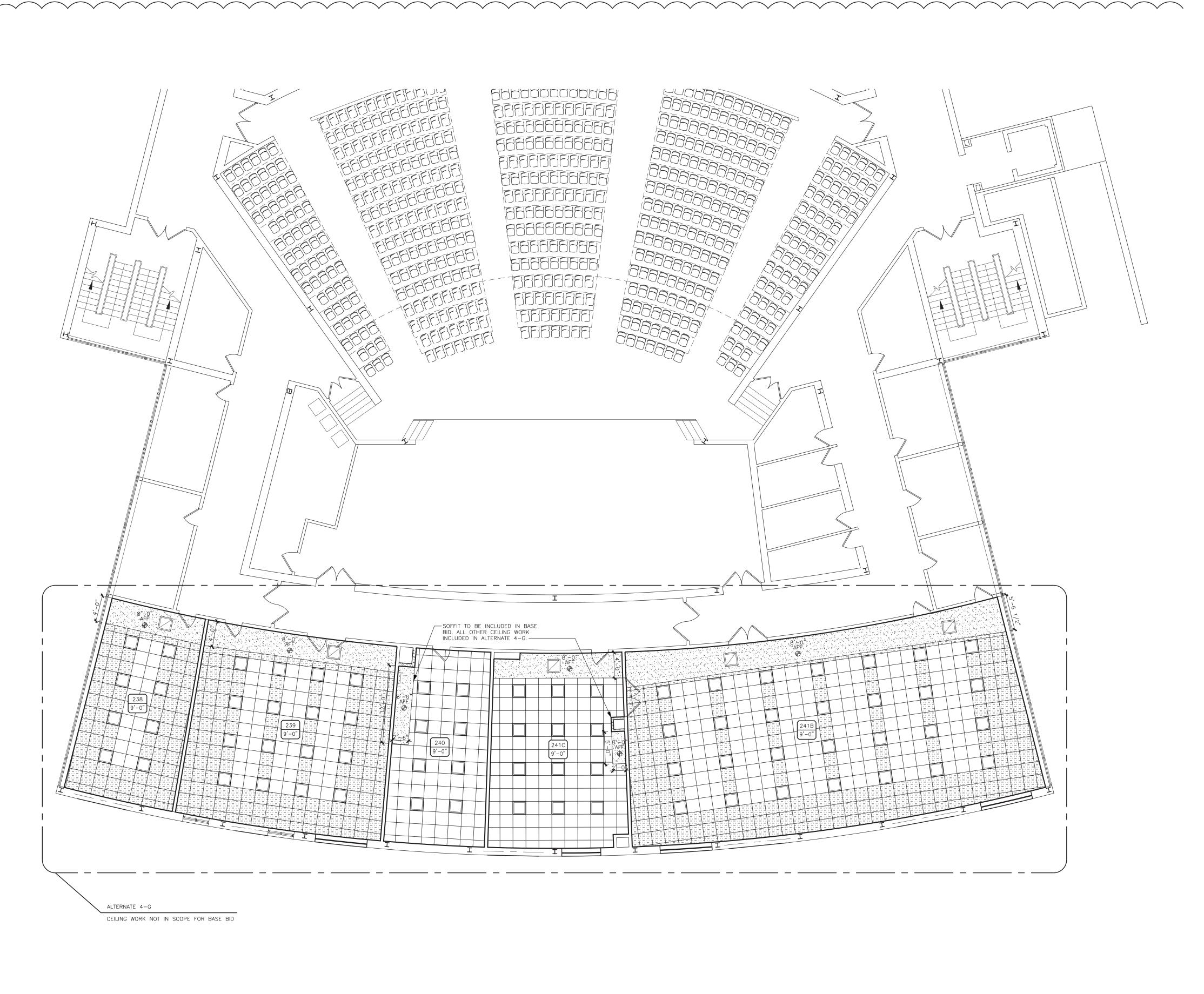
INTERMEDIATE FLOOR KEY PLAN

Alterations t Phase Two

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GP 102



PARTIAL INTERMEDIATE LEVEL
CEILING PLAN - AREA A

GENERAL CEILING PLAN NOTES

1. IN EXISTING SPACES, NEW CEILING HEIGHTS SHALL MATCH EXISTING ADJACENT, TYPICAL UNLESS NOTED OTHERWISE.

 CENTER GRIDS IN SPACE AND ON COLUMN LINES AS SHOWN, TYPICAL UNLESS NOTED OTHERWISE.

3. PROVIDE PAINTED GWB FASCIA AT ALL CEILING HEIGHT CHANGES, TYPICAL UNLESS NOTED

4. BRACE ALL SOFFITS/FASCIAS DIAGONALLY BACK TO BUILDING STRUCTURE WITH 3 5/8" METAL STUDS AT 4'-0" OC MAXIMUM, TYPICAL UNLESS NOTED OTHERWISE .

STUDS AT 4 -0" OC MAXIMUM, TYPICAL UNLESS NOTED OTHERWISE .

5. IN EXISTING CONSTRUCTION, REMOVE ALL EXISTING CEILING SYSTEMS AND SOFFITS IN AREAS OF NEW CEILINGS, TYPICAL UNLESS NOTED OTHERWISE.

 COORDINATE ALL CEILING WORK WITH PLUMBING, MECHANICAL AND ELECTRICAL CONTRACT WORK. REPORT ANY DISCREPANCIES OR FIELD CONFLICTS BETWEEN CEILING PLANS AND P, M, AND E DRAWINGS TO ARCHITECT PRIOR TO CONSTRUCTION.

CEILING PLAN LEGEND

NOTE: SEE GENERAL CONSTRUCTION NOTES, DEFINITIONS, CEILING PLAN AND SOFFIT DETAILS for ADDITIONAL INFORMATION INDICATED BY THE ABOVE REFERENCED SYMBOLS and HATCH PATTERNS.

CEILING TAG

INDICATES ROOM NUMBER

X'-X"
INDICATES CEILING HEIGHT

—— INDICATES ROOM NUMBER
—— INDICATES CEILING HEIGHT ABOVE FINISHED FLOOR.

THE TERM "NO WORK" IN THIS SYMBOL REFERS TO CEILING WORK ONLY. SEE
REMAINDER OF DRAWINGS FOR OTHER WORK THAT MIGHT BE REQUIRED

X'-X"

CEILING OR SOFFIT HEIGHT DESIGNATION

INDICATES CEILING or SOFFIT HEIGHT ABOVE FINISHED FLOOR

GYPSUM BOARD CEILING SYSTEM
HEIGHT AS NOTED

24"x 24" ACOUSTICAL PANEL CEILING SYSTEM. CENTER IN SPACE UNLESS OTHERWISE NOTED OR INDICATED. HEIGHT AS NOTED.

ACOUSTICAL METAL PANEL CEILING SYSTEM

RECESSED LIGHT FIXTURE BY OTHERS, SIZES VARY

TRACK LIGHT FIXTURE BY OTHERS, SIZES VARY

LINEAR PENDANT LIGHT FIXTURE BY OTHERS, SIZES VARY

RECESSED LIGHT FIXTURE BY OTHERS, SIZES VARY

PENDANT LIGHT FIXTURE BY OTHERS

SUPPLY DIFFUSER, REGISTER OR GRILLE BY OTHERS. SEE MECHANICAL DRAWINGS.

RETURN DIFFUSER, REGISTER OR GRILLE BY OTHERS. SEE MECHANICAL DRAWINGS.

SUPPLY DIFFUSER, REGISTER OR GRILLE BY OTHERS. SEE MECHANICAL DRAWINGS.

AD ACCESS DOOR "L X W" INDICATES SIZE

SUSPENDED CLOUD SYSTEM ACOUSTIC PANEL

HATCH DENOTES AREA REQUIRED FOR ACCESS TO MECHANICAL UNIT FILTERS.
ENSURE MAIIN TEES FOR ACOUSTICAL PANEL CEILING SYSTEM DO NOT RUN
THROUGH HATCHED AREA. GC SHALL COORDINATE WITH MC FOR EXACT LOCATION.

HATCH DENOTES AREA RECEIVE GYPSUM CEILING PANELS
BASIS OF DESIGN: USG SHEETROCK LAY-IN CEILING PANEL
CLIMAPLUS, PRODUCT NO. 3620

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INTERMEDIATE FLOOR KEY PLAN
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PARTIAL CEILING DAMPH BERSKILL

GP 403

												FAN	COIL SY	STEM S	CHEDU	 LE												
					FAN (COIL UNIT PERFORMA	NCE (INDO)OR)											CONDE	ISING UNIT	PERFORMANCE	(OUTDO	OR)					
TAG	MODEL NUMBER	SERVICE	STYLE	SUPPLY AIRFLOW (CFM)	RETURN (CFM)	MN. O.A. (CFM)	EXHAUST (CFM)	RECIRCULATED AIR @ MIN. O.A. (CFM)	NOMINAL COOLING CAPACITY	COOLING SENSIBLE CAPACITY	HEATING CAPACITY (MBH)	VOLTAGE	MCA	MOP	NOTES	TAG MODEL	NO.	EFFICIENCY	WEIGH	(LBS)	REFRIGERANT				ELECTRICAL DATA		MANUFACTURER	NOTES
				(Or Wi)				0.A. (01 WI)	(MBH)	(MBH)	(WBIT)							EER IEE	₹			VOLT	PHAS	SE HZ	Z. MCA	MOP]	
FCU-1	FXMQ96MVJU	TECH/ROBOTICS	DUCTED	2250	2250	1170(52%)	1170	1080	96	76	112	208/1	10.1	15	1,2,3,4													
FCU-2	FXMQ30PBVJU	DESIGN	DUCTED	900	900	522(58%)	522	378	30	25	35	208/1	2.8	15	1,2,3,4													
FCU-3	FXMQ72MVJU	MATH	DUCTED	2000	2000	540(27%)	540	1460	68	54	84	208/1	9.0	15	1,2,3,4													
FCU-4	FXMQ96MVJU	MIXER	DUCTED	2550	2550	1275(50%)	1275	1275	90	66	112	208/1	10.1	15	1,2,3,4	RXYQ3847 RXYQ16	BXATJA	0.5	5 0045.50	20.5047	D 4404	000			0 55 1 70 7 70 7	60 . 45 . 45	DAHZIAI	
FCU-5	FXMQ72MVJU	ART	DUCTED	1950	1950	940(48%)	820	1130	72	59	84	208/1	9.0	15	1,2,3,4	DCU-1-HS +RXYQ12 +RXYQ9	OXATJA	9.5 18.	5 694.5+52	5.9+524.7	R-410A	208	3	60	55.1 + 36.3 + 36.3	60+45+45	DAIKIN	'
FCU-6	FXMQ54PBVJU	ART/BREAKOUT	DUCTED	1530	1530	840(55%)	920	610	54	45	62	208/1	3.4	15	1,2,3,4	TIVIQ9	7/4104											
FCU-7	FXMQ48PBVJU	SCIENCE/BREAKOUT	DUCTED	1380	1380	550(40%)	830	550	48	41	55	208/1	3.4	15	1,2,3,4													
CU-1	FXZQ07TAVJU	OFFICE	CASSETTE	300	300	30	_	270	7	5	8	208/1	0.3	15	1,2,4													

NOTES:
1. FURNISH UNIT WITH SINGLE POINT ELECTRICAL CONNECTION WITH INTEGRAL DISCONNECT.
2. PROVIDE CONDENSATE PUMP.
3. PROVIDE FILTER MIXING BOX. MODEL NO: ECONMQ48P-13. MIXING BOX TO COME WITH DAMPERS, TC TO PROVIDE ACTUATORS. PROVIDE MERV 13 FILTERS.
4. M.C. TO PROVIDE ANY CONTROL WIRING BETWEEN EQUIPMENT NECESSARY FOR COMPLETE FUNCTIONALITY.

								Е	NERGY	RECOVE	ERY (JNIT					
							SUPPLY FAN	EXHAUST FAN	PERFO	RMANCE	ELEC	TRICAL D	DATA				
TAG	LOCATION	SUPPLY AIRFLOW (CFM)	RETURN (CFM)	MN. O.A. (CFM)	EXHAUST (CFM)	RECIRCULATED AIR @ MIN. O.A. (CFM)	E.S.P. (IN. W.G.)	E.S.P. (IN. W.G.)	TEMP EFF%	TOTAL EFF% WINTER / SUMMER		PHASE	FLA	MAXIMUM WEIGHT (LBS.)	MAXIMUM DIMENSIONS LxWxH (IN.)	MANUFACTURER & MODEL NO.	NOTES
ERV-1	INTERIOR	30	30	30	30	0	0.3	0.3	78	75/65	120	1	0.35	40	29X22X15	RENEWAIRE — EV90	1,2,3

NOTES: 1. PROVIDE UNIT WITH ECM SUPPLY AND EXHAUST FAN MOTORS WITH POTENTIOMETER SPEED CONTROL — E.C. TO WIRE. 2. PROVIDE UNIT WITH SINGLE POINT POWER AND FACTORY MOUNTED AND WIRED FUSED DISCONNECT. 3. PROVIDE BACKDRAFT DAMPER ON EXHAUST.

							DUCT MOU	NTE) HE	ATING CO				
							HEATING DATA							
TAG	CFM	TOTAL MBH	E.A.T (°F)	L.A.T (°F)	E.W.T. (°F)	L.W.T. (°F)	COIL SIZE (HxL)	GPM	FLUID	FACE VELOCITY (FPM)	APD	W.P.D. (FT)	MANUFACTURER & MODEL NO.	NOTES
DHC-1	2250	167	36	105	180	128.6	15X54	6.5	HW	452	0.18	1.6	DAIKIN - 5WH0703B	
DHC-2	900	70	32	105	180	133.1	12X46	3.0	HW	248	0.05	0.4	DAIKIN - 5WH0902B	
DHC-3	2000	115	51	105	180	128.7	15X48	4.5	HW	409	0.13	0.5	DAIKIN - 5WH0902B	
DHC-4	2550	185	37	105	180	126.9	15X54	7.0	HW	451	0.18	1.8	DAIKIN - 5WH0703B	
DHC-5	1950	139	38	105	180	124.1	15X48	5.0	HW	409	0.14	0.9	DAIKIN - 5WH0603B	
DHC-6	1530	116	34	105	180	133.4	12X46	5.0	HW	423	0.16	1.3	DAIKIN - 5WH0703B	
DHC-7	1380	109	31	105	180	131.2	12X46	4.5	HW	359	0.11	1.0	DAIKIN - 5WH0603B	

					FIN T	JBE SCH	HEDULE			
TAG	CABINET STYLE	CABINET HEIGHT	HEAT CAPACITY BTU/FT	HEAT MEDIUM	AVG WATER TEMP	TUBE SIZE(#TIERS)	FIN SIZE (FIN/IN)	FIN LENGTH	MANUFACTURER & MODEL NO.	REMARKS
FTR-1	SLOPE TOP	20	1190	WATER	170	3/4"(1)	4½ x 3½ (50)	SEE DRAWINGS	STERLING JVB-S20	1,2,3

REMARKS:

1. CONCEAL ALL PIPING BELOW COVER.

2. FIN ENCLOSURE SHALL BE SLOPE TOP.

3. MOUNT FIN 4" A.F.F. 4. FIN ENCLOSURE SHALL HAVE LOUVERED BOTTOM AND FRONT.

												UN	IT VENTI	LATOR	SCHE	DULE											
			AIRSID	E PERFOR	MANCE					HYDRC	NIC PERFORMA	NCE					COOLING	PERFORMA	NCE			ELECTRIC	AL DATA				1
TAG	LOCATION	TYPE	FAN SPEED SETTING	SUPPLY (CFM)	MIN. O.A. (CFM)	CAPACITY (MBH)	E.A.T. (°F)	L.A.T. (°F)	E.W.T. (°F)	L.W.T. (°F)	FLOW RATE (GPM)	W.P.D. (FT.)	FLUID	ROWS	TOTAL MBH	SENSIBLE MBH	EAT (DB/WB)	LAT (DB/WB)	COIL TYPE	REFRIGERANT	VOLT	PHASE	MCA	MAX FUSE	MANUFACTURER & MODEL NO.	NOTES	
UV-1-H	OFFICE	VERTICAL	MED	850	100	45	60	110	180	134.1	2.0	4.0	HW	2	24	16	82/68	53/52	DX	R-410A	208	3	23.8	35	DAIKIN — AZQ 036	1,2,3,4,5,6,7,8]
UV-2-H	CHORUS	VERTICAL	HIGH	1500	456	85	47	100	180	137.3	4.0	4.0	HW	2	52	37	82/68	53/52	DX	R-410A	208	3	30.6	45	DAIKIN — AZQ 054	1,2,3,4,5,6,7,8	
UV-3-H	CLASSROOM	VERTICAL	MED	850	260	57	47	110	180	133.9	2.5	4.0	HW	2	25	18	82/68	53/52	DX	R-410A	208	3	23.8	35	DAIKIN — AZQ 036	1,2,3,4,5,6,7,8	1
UV-4-H	BAND	VERTICAL	HIGH	1500	647	99	38	100	180	135.8	4.5	4.0	HW	2	53	38	82/68	53/52	DX	R-410A	208	3	30.6	45	DAIKIN — AZQ 054	1,2,3,4,5,6,7,8	
UV-5-H	BAND	VERTICAL	HIGH	1500	647	99	38	100	180	135.8	4.5	4.0	HW	2	53	38	82/68	53/52	DX	R-410A	208	3	30.6	45	DAIKIN — AZQ 054	1,2,3,4,5,6,7,8]

REMARKS:

1. PROVIDE MANUFACTURERS DISCONNECT, FACTORY MOUNTED AND WIRED.

2. PROVIDE UNIT WITH MANUFACTURERS THREE SPEED SWITCH SET TO AIRFLOW INDICATED.

PROVIDE UNIT WITH FACE AND BYPASS.

 COLOR SELECTION BY ARCHITECT.
 UNIT TO COME WITH FACTORY MICROTECH CONTROLLER. PROVIDE BASIC WALL MOUNTED ROOM SENSOR, PT # 910247450.

7. PROVIDE SS DRAIN PAN.
8. PROVIDE MANUFACTURERS WALL SLEEVE.

				U	INIT HI	EATE	R SC	HED	ULE			
				HEATING [DATA			EL	ECTRICAL D	ATA		
TAG	MODEL	CFM	MBH	E.W.T. (°F)	L.W.T. (°F)	GPM	W.P.D. (FT)	VOLT	PHASE	AMPS	MANUFACTURER	NOTES
UH-1	HS-48	750	34.8	180	140	3.5	0.12	115	1	1.4	STERLING	1,2,3

NOTE:

1. PROVIDE MANUFACTURERS ELECTRICAL DISCONNECT.

2. PROVIDE MANUFACTURERS LINE VOLTAGE, HEAVY DUTY THERMOSTAT.

3. PROVIDE SPEED CONTROLLER.

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Scho Alterations Phase Two

CHEDULES

awing Number:

				DI	FUSE	R, REGIS	STERS,	AND (GRILLES					
TAG	MODEL	MOUNTING	MAX CFM	BLOW PATTERN	FACE SIZE	NECK SIZE	VELOCITY (FPM.)	THROW (FT.)	PD	SOUND LEVEL	MATERIAL	MANUFACTURER	NOTES	
SD-1	RNS	CEILING	120	4-WAY	24x24	6ӯ	600	2	.035	_	STEEL	NAILOR	1,5	
SD-2	RNS	CEILING	210	4-WAY	24×24	8ӯ	600	3	.047	13	STEEL	NAILOR	1,5	
SD-3	RNS	CEILING	330	4-WAY	24×24	10ӯ	600	5	.047	16	STEEL	NAILOR	1,5	
SD-4	RNS	CEILING	470	4-WAY	24×24	12ӯ	600	5	.057	18	STEEL	NAILOR	1,5	
SD-5	6300R	DUCT	315	CIRCULAR	22"	12ӯ	400	10	0.01	_	STEEL	NAILOR	1	
LS-1	5810	CEILING	340	1-WAY	8x48	12" OVAL	_	13	.059	25	STEEL	NAILOR	1,8	
LS-2	5810	CEILING	280	1-WAY	8x48	10ӯ	_	11	.071	24	STEEL	NAILOR	1,3,8	
PDR-1	RGS-3	DUCT	400	1-WAY	33×6	_	400	12	0.01	21	STEEL	LINDAB	1,6,7	
RG-1	6145H	CEILING	140	_	24x24	8x6	500	_	.016	15	STEEL	NAILOR	1,4	
RG-2	6145H	WALL	2736	_	40×30	38x28	400	_	.010	23	STEEL	NAILOR	1	
RG-3	6145H	CEILING	750	_	24x24	18x16	400	_	.010	18	STEEL	NAILOR	1,4	
RG-4	6145H	CEILING	1268	_	24x24	22x22	400	_	.010	20	STEEL	NAILOR	1	
RG-6	6145H	DUCT	2736	_	48x24	46x22	400	_	.010	23	STEEL	NAILOR	1	
RG-7	6145H	CEILING	140	_	10x8	8x6	500	_	.016	15	STEEL	NAILOR	1,4	
RG-8	61454	WALL	750		20x18	18×16	400	<u> </u>	.010	18	STEEL	MAILOR	1,4	
RG-9	6145H	CEILING	1797	_	32X32	30X30	300	_	.010	15	STEEL	NAILOR	1	
EGA1	<u>√6145</u>	\CEILIMG_	1268		24×24/	2222	400	<u> </u>	NOW N	200	SIE	NALOR \	__\	1
EG-2	6145H	DUCT	2736	_	48x24	46x22	400	_	.010	23	STEEL	NAILOR	1	
EG-3	6145H	CEILING	190	_	24x24	8x8	500	_	.016	17	STEEL	NAILOR	1,4	
EG-4	6145H	DUCT	1908	_	38x22	36x20	400	_	.010	22	STEEL	NAILOR	1	
EG-5	6145H	CEILING	232	_	14x10	12x8	400	_	.010	_	STEEL	NAILOR	1	
EG-6	6145H	CEILING	305	_	24x24	10x10	500	_	.016	19	STEEL	NAILOR	1,4	
TG-1	6145H	CEILING	190	_	24x24	8x8	500	_	.016	17	STEEL	NAILOR	1,4	
TG-2	6145H	CEILING	290	_	24x24	12x8	500	_	.016	19	STEEL	NAILOR	1,4	

NOTES: 1. ARCHITECT TO SELECT COLOR

2. PROVIDE DAMPER.

3. PROVIDE DRYWALL/PLASTER FRAME. 4. FURNISH WITH NOMINAL 24x24 PANEL FOR T-BAR CEILING.

5. FURNISH WITH ROUND NECK ADAPTOR.

6. PROVIDE GRILLE WITH AIR EXTRACTOR FOR BALANCING - EXTRACTOR SHALL BE ENTIRE LENGTH OF GRILLE FACE. SMALLER AIR SCOOPS WILL NOT BE ACCEPTABLE SINCE THEY CAN NOT BE BALANCED AND ANY SUBSTITUTION SHALL PROVIDE A SAMPLE TO THE ENGINEER PRIOR TO ANY APPROVAL.

MOUNTED DIFFUSER AT A 22.5° ANGLE TO BLOW DOWN THE WINDOW.

8. LINEAR SLOT TO BE THREE(4) 1" SLOTS.

9. THE CFM IS INDICATING PER FOOT ON THIS GRILL.

10. VERIFY SIZE OF EXISTING WALL OPENING PRIOR TO RELEASE OF NEW GRILLE.

							E	EXHAU	IST FAI	N SCI	HEDUL	.E			
TAG	LOCATION	SERVICE	TYPE	MIN	MAX	E.S.P. (IN	RPM	SONES	DRIVE	FA	N MOTOR [DATA	CURB HEIGHT	MANUFACTURER & MODEL NO.	NOTES
			· · · · · -	CFM	CFM	W.G.)			TYPE	HP	VOLT	PHASE	(INCHES)		
EF-1	CEILING	SCIENCE 101	INLINE	516	1380	0.75	1725	9.8	DIRECT	3/4	115	1	-	GREENHECK SQ-130-VG	1,2,3,4
EF-2	CEILING	ART 102	INLINE	835	1680	0.75	1140	8.4	DIRECT	3/4	115	1	-	GREENHECK SQ-160-VG	1,2,3,4
EF-3	CEILING	ART 103	INLINE	804	1950	0.75	1140	9.4	DIRECT	3/4	115	1	-	GREENHECK SQ-160-VG	1,2,3,4
EF-4	CEILING	MIXER 104	INLINE	409	1800	0.75	1300	12.2	DIRECT	1	115	1	-	GREENHECK SQ-160-VG	1,2,3,4
EF-5	CEILING	DESIGN 106	INLINE	511	900	0.75	1725	7.2	DIRECT	1/2	115	1	-	GREENHECK SQ-120-VG	1,2,3,4
EF-6	CEILING	MATH 107	INLINE	513	2000	0.75	1500	12.6	DIRECT	3/4	115	1	-	GREENHECK SQ-140-VG	1,2,3,4
EF-7	CEILING	TECH/ROBOTICS 105	INLINE	1160	2400	0.75	1300	11.6	DIRECT	1	115	1	-	GREENHECK SQ-160-VG	1,2,3,4
EF-8	CEILING	MECHANICAL 108	INLINE	200	200	0.75	1140	10.7	DIRECT	3/4	115	1	_	GREENHECK SQ-160-VG	1,2,3,4
EF-9	CEILING	KILN 103B	INLINE	300	300	0.375	1725	5.9	DIRECT	1/10	115	1	-	GREENHECK SQ-90-VG	1,2,3,4
EV -10	ROOM	STORAGE PROOM	DNBWAST	300	2 000	0.375	1308	5,6	DIRECT	1)/10	115	1	NOTE 5	GREENHERK-G-V90-VG	1,2,3,4,5
EF-11	ROOF	OFFICE/CHORUS	DNBLAST	560	2350	0.5	808	8.2	DIRECT	3/4	208	1	_	GREENHECK-G-180-VG	1,2,3,4,5,6
EF-12	ROOF	CLASSROOM	DNBLAST	260	850	0.5	752	7.2	DIRECT	3/4	208	1	_	GREENHECK-G-180-VG	1,2,3,4,5,6,7
EF-13	ROOF	BAND	DNBLAST	1300	3000	0.5	758	9.5	DIRECT	1	208	1	-	GREENHECK-G-200-VG	1,2,3,4,5,6
EF-14^	BOQF	3D PRINTERS	^QNBLA8₹	500	5 00	0.5	1598	7.8	DIRECT	1/10	1/15^	In	NOTE 5	GREENHECK-CAQ90-VCA	1,2,3/4.5

NOTE:

1. PROVIDE ECM MOTOR (NO MOTOR STARTER).

2. PROVIDE ME-1/D-1 DAMPER WITH ACTUATOR.

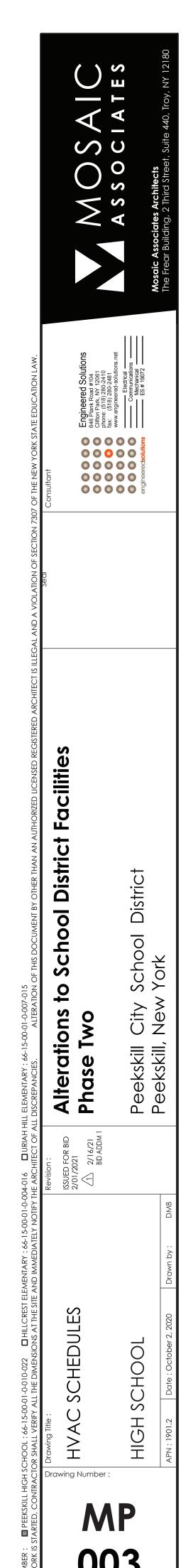
3. PROVIDE NEMA-1 TOGGLE SWITCH FACTORY MOUNTED AND WIRED.

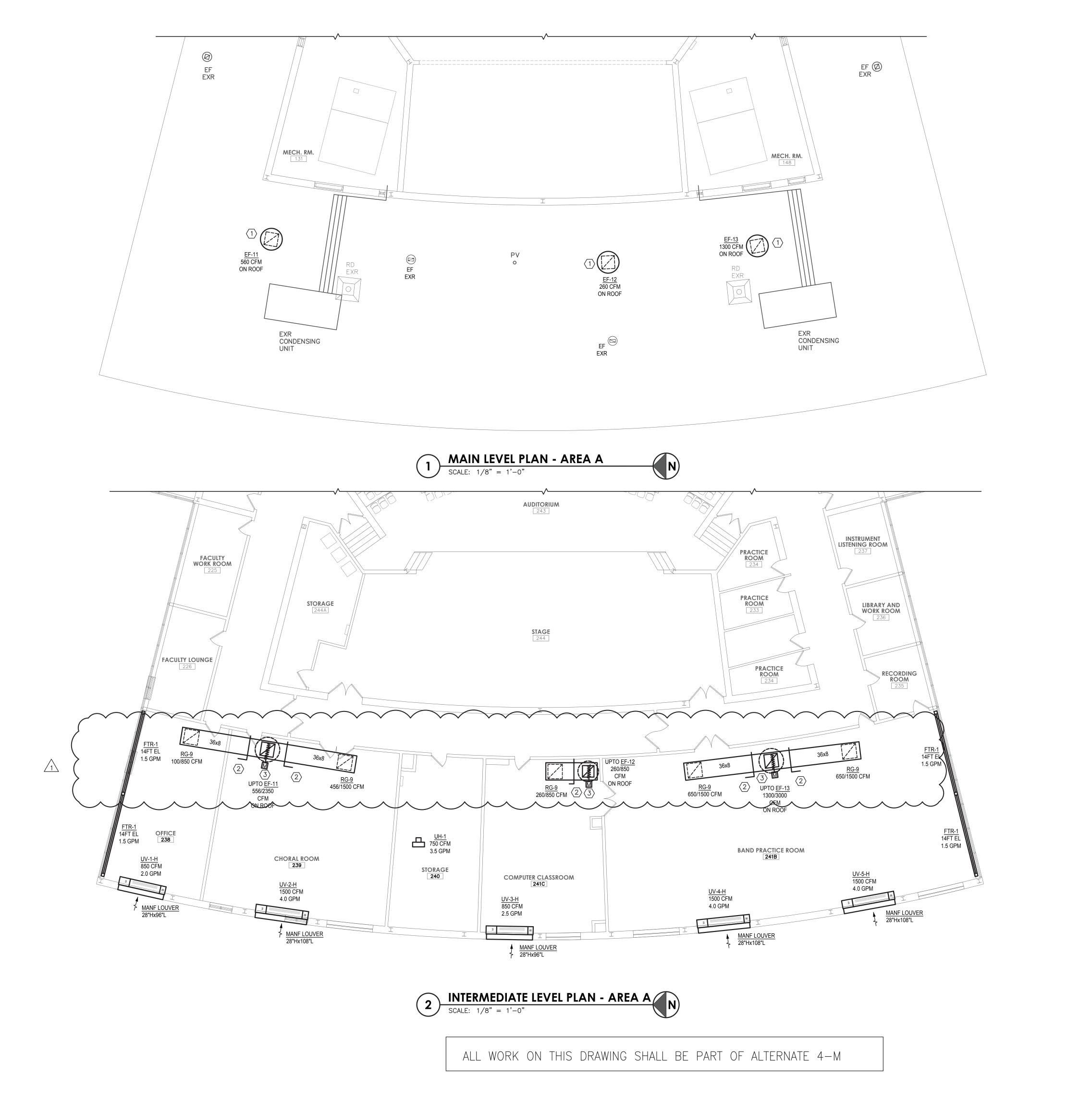
4. PROVIDE EC MOTOR WITH INPUTS FOR 0-10V SIGNAL BY TC TO VARY THE SPEED OF THE FAN.

5. PROVIDE ADAPTER CURB FOR NEW FAN.

6. EXISTING CURB SIZE IS 27"x27". PROVIDE FIR STRIPS TO EXISTING CURB. PROVIDE 24" ACOUSTICAL CURB EXTENSION.
7. PROVIDE PERFORMANCE BAFFLE.







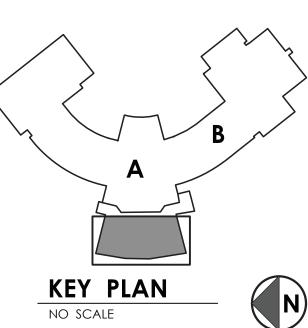


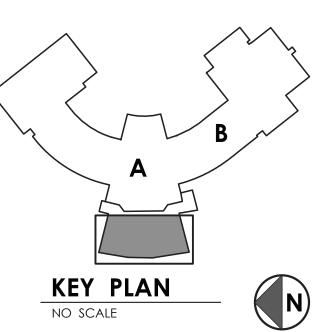
LOUVER TO BE DARK BRONZE COLOR AND BE MOUNTED IN BRICK WALL.

DRAWING NOTES: (#)

- 1. INSTALL NEW EXHAUST FAN ON EXISTING CURB. PROVIDE

2. PROVIDE REMOTE DAMPER ACTUATOR. 3. PROVIDE $\underline{\text{ME-1/D-1}}$ DAMPER AND ACTUATOR.



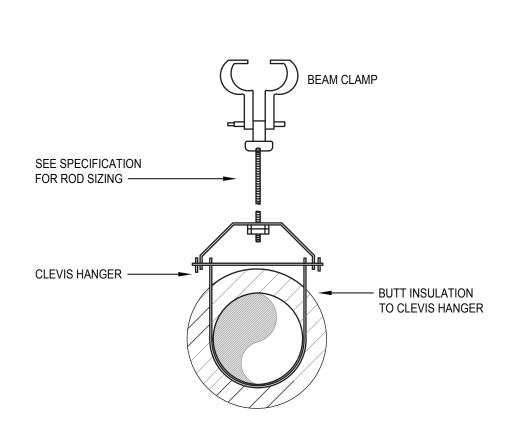




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Alterations to School District Facilities Phase Two District Peekskill Peekskill,

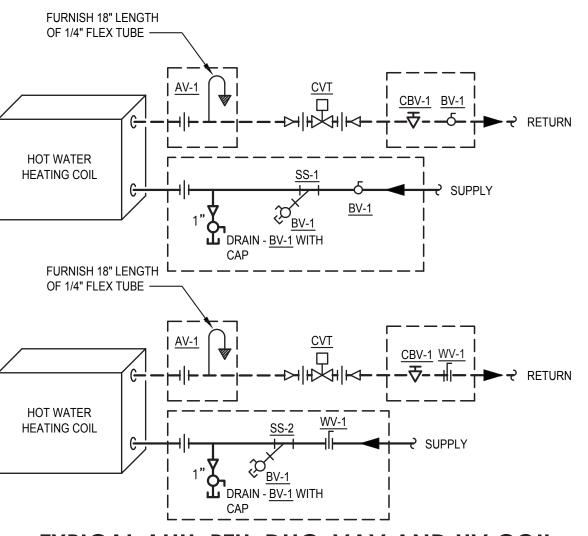
MP 303



HW PIPING MAIN HANGER

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1. PROVIDE ANCHORS FOR CONNECTION INTO DECKING.



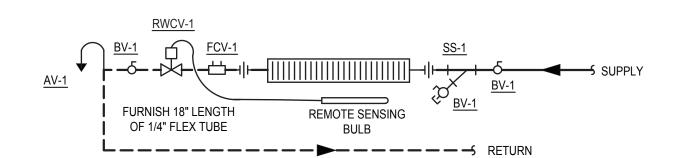
TYPICAL AHU, RTU, DHC, VAV AND UV COIL PIPING DIAGRAM (2-WAY CONTROL VALVE)

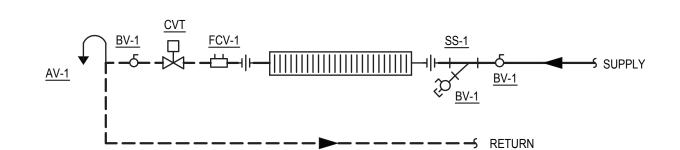
SCALE : NONE

- NOTES:

 1. FCV SIZED TO MATCH FLOW.

 2. PROVIDE UNIONS ON COIL AND CONTROL VALVE CONNECTIONS. AREAS SHOWN IN DASHED BOXES WILL BE ALLOWED FOR COIL KITS.
- 4. COILS KITS THAT ARE SUPPLIED WITH FLEXIBLE HOSES WILL BE REJECTED WITHOUT REVIEW.





TYPICAL FIN TUBE PIPING DIAGRAM (HW)

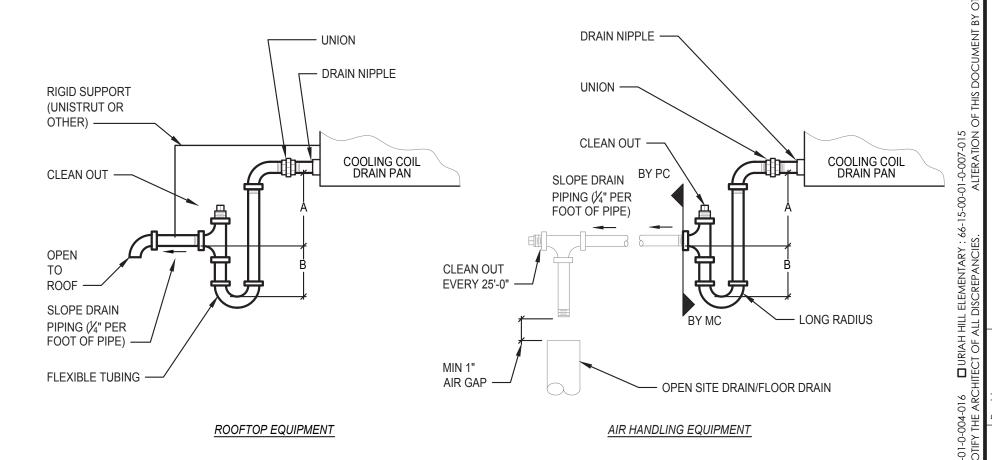
SCALE: NONE

- FIN TUBE MFR. TO FURNISH ACCESS DOORS AT ALL VALVE LOCATIONS.
 WHERE INDICATED ON PLANS OR TEMPERATURE CONTROL DIAGRAM, FURNISH OTHER TYPE
- CONTROL VALVE BY TEMPERATURE CONTROL CONTRACTOR WHERE INDICATED ON PLANS OR TEMPERATURE CONTROL DIAGRAM.
- 3. FCV SIZED TO MATCH FLOW.

			END PANEL
		NEW UNIT VENTILATOR	
			WALL SLEEVE
			EXTERIOR
		1	WALL
	LOUNTED	}	SEAL WALL SLEEVE TO WALL (CAULK)
	LOUVER —	PLAN VIEW	
MANUFACTURERS WALL ——————————————————————————————————		WALL SLEEVE FINISH TOP	
EXTERIOR WALL SLEEVE ROOM PROJECTION	EXTERIOR	WALL SLEEVE	
WALL FINISH TOP	WALL		
LINTEL BY GC	LOUVER —		
	~		
	ILTER		— FILTER
LOUVER	⇒		
R.A.			 ∕∟ R.A.
	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	A -:	
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		S/(/	
<u>ELEVATION VIEW</u>		ELEVATION VIEW	
	ONTAINED ENTILATOR DETAIL		
GENERAL UNIT VENT!	ILATOR INSTALLATION NOTES		
	S CONTRACTOR TO INSURE THAT ALL AREAS EALED AND INSULATED TO THE OUTSIDE AIR		
2. AS WALL CONDITIONS VARY AT EA SAFING, INSULATION, SHEET META	ACH INDIVIDUAL UNIT THIS CONTRACTOR MUS AL, AND ACCESSORIES REQUIRED TO SEAT U	ST PROVIDE	
FIRMLY AGAINST THE WALL. 3. REFER TO PIPING DETAIL FOR WA' 4. THE END COMPARTMENTS OF EAC	TER SPECIALTIES. CH UNIT VENTILATOR MUST BE COMPLETELY	SEALED-OFF AND	
RE-INSULATED TO PERMIT ANY OL 5. THE CONTRACTOR IS RESPONSIBI	JTSIDE AIR FROM ENTERING THE UNIT OR TH LE TO VERIFY AND ORDER THE CORRECT SIZ	E ROOM.	
6. INSTALL PER MANUFACTURERS IN	NSTRUCTIONS.		

DRAW-	THRU UNIT		BLO	OW-THRU UNIT	
MAX NEGATIVE PRESSURE	MIN A (IN.)	MIN B (IN.)	MAX POSITIVE PRESSURE	MIN A (IN.)	MIN B (IN.)
1	2	1.5	1	1	1
2	3	2.0	2	1	2
3	4	2.5	3	1	3
4	5	3.0	4	1	4
5	6	3.5	5	1	5
6	7	4.0	6	1	6
7	8	4.5	7	1	7
8	9	5.0	8	1	8
9	10	5.5	9	1	9
10	11	6.0	10	1	10

DRAIN SIZ	E CHART
COOLING CAPACITY (TONS)	MIN PIPE DIAMETER (IN.)
UP TO 20	3/4
20-40	1
40-90	1-1/4
90-125	1-1/2
125-250	2
	-



COOLING COIL DRAIN DIAGRAM

NOTES:

1. DRAIN PIPE SIZING SHALL NOT BE SMALLER THAN EQUIPMENT DRAIN CONNECTION.

MOSAIC Associates

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District

Alterations | Phase Two Peekskill Peekskill,

DETAILS

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