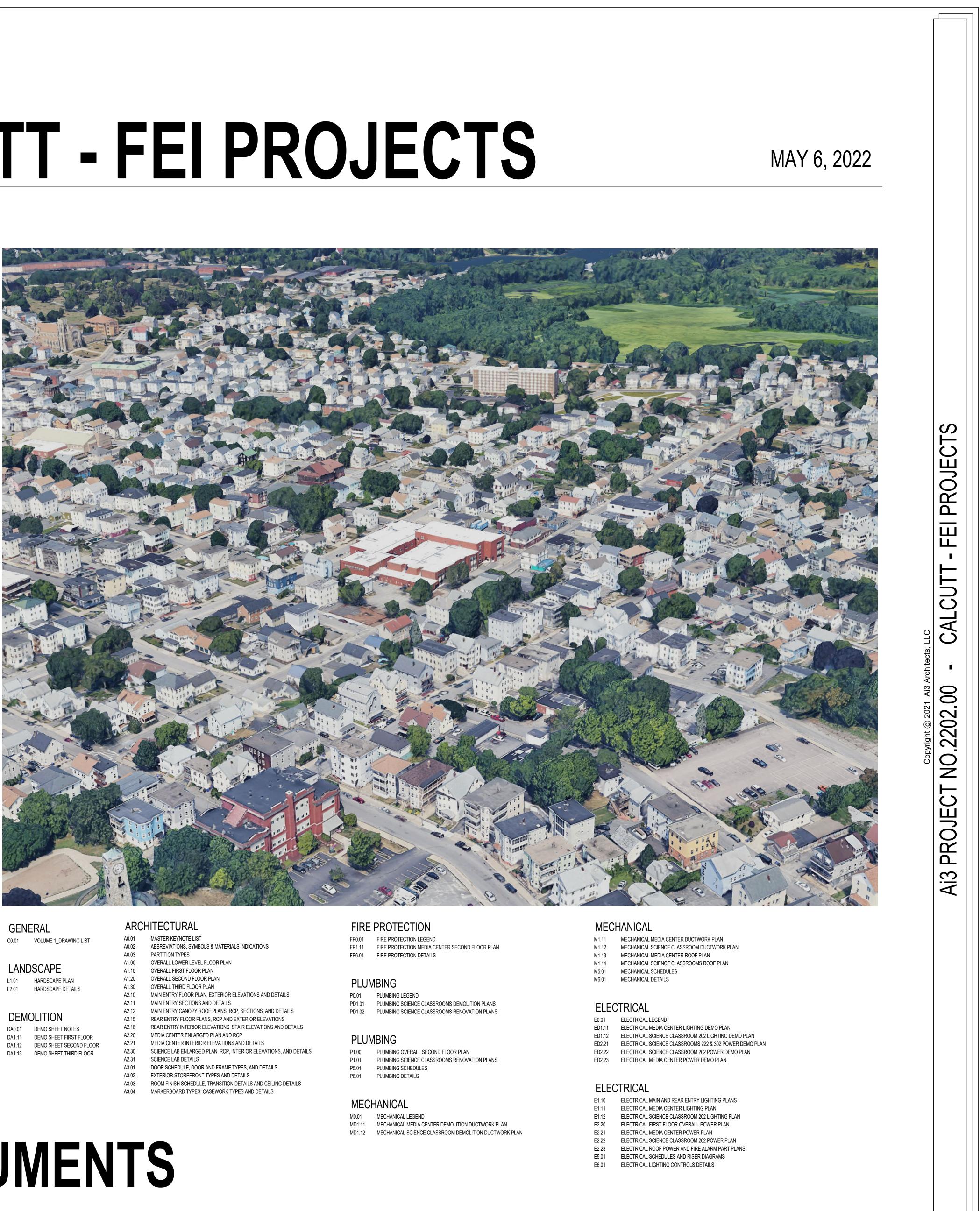




# **CALCUTT - FEI PROJECTS**

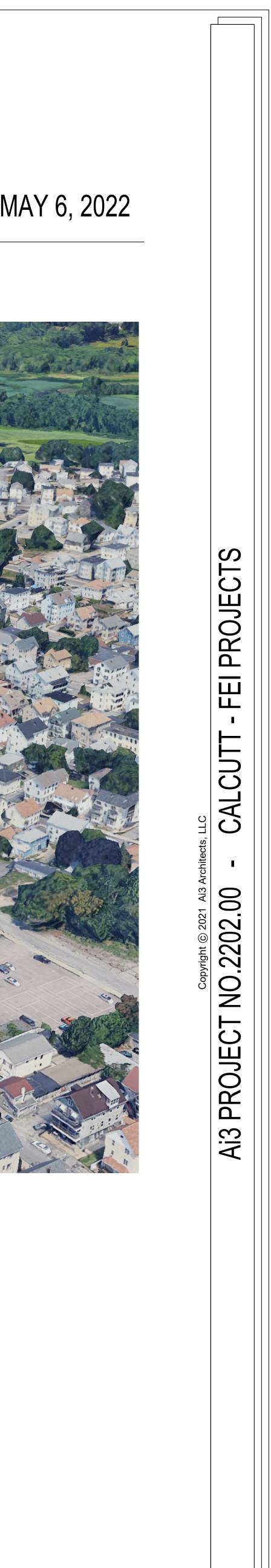
MECH. / ELEC. / PLUMB. ENGINEERS



0.01	VOLUME 1_DRAWING LIS

.01	MASTER KEYNOTE LIST
.02	ABBREVIATIONS, SYMBOLS & MATERI
.03	PARTITION TYPES
.00	OVERALL LOWER LEVEL FLOOR PLAN
.10	OVERALL FIRST FLOOR PLAN
.20	OVERALL SECOND FLOOR PLAN
.30	OVERALL THIRD FLOOR PLAN
.10	MAIN ENTRY FLOOR PLAN, EXTERIOR
.11	MAIN ENTRY SECTIONS AND DETAILS
.12	MAIN ENTRY CANOPY ROOF PLANS, R
.15	REAR ENTRY FLOOR PLANS, RCP AND
.16	REAR ENTRY INTERIOR ELEVATIONS,
.20	MEDIA CENTER ENLARGED PLAN AND
.21	MEDIA CENTER INTERIOR ELEVATION
.30	SCIENCE LAB ENLARGED PLAN, RCP,
.31	SCIENCE LAB DETAILS
.01	DOOR SCHEDULE, DOOR AND FRAME
.02	EXTERIOR STOREFRONT TYPES AND
.03	ROOM FINISH SCHEDULE, TRANSITIO
.04	MARKERBOARD TYPES, CASEWORK 1

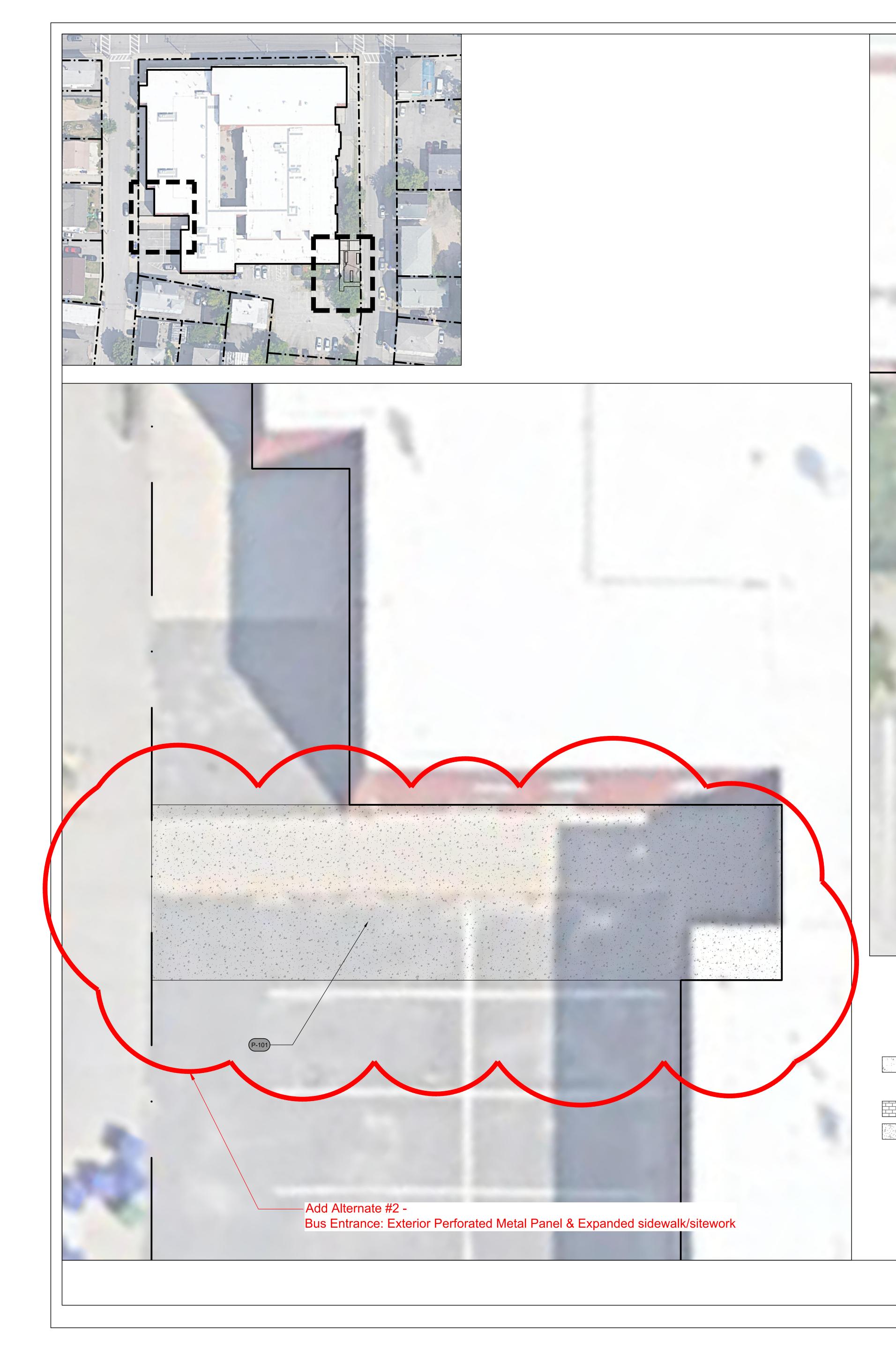
# **100% DOCUMENTS**

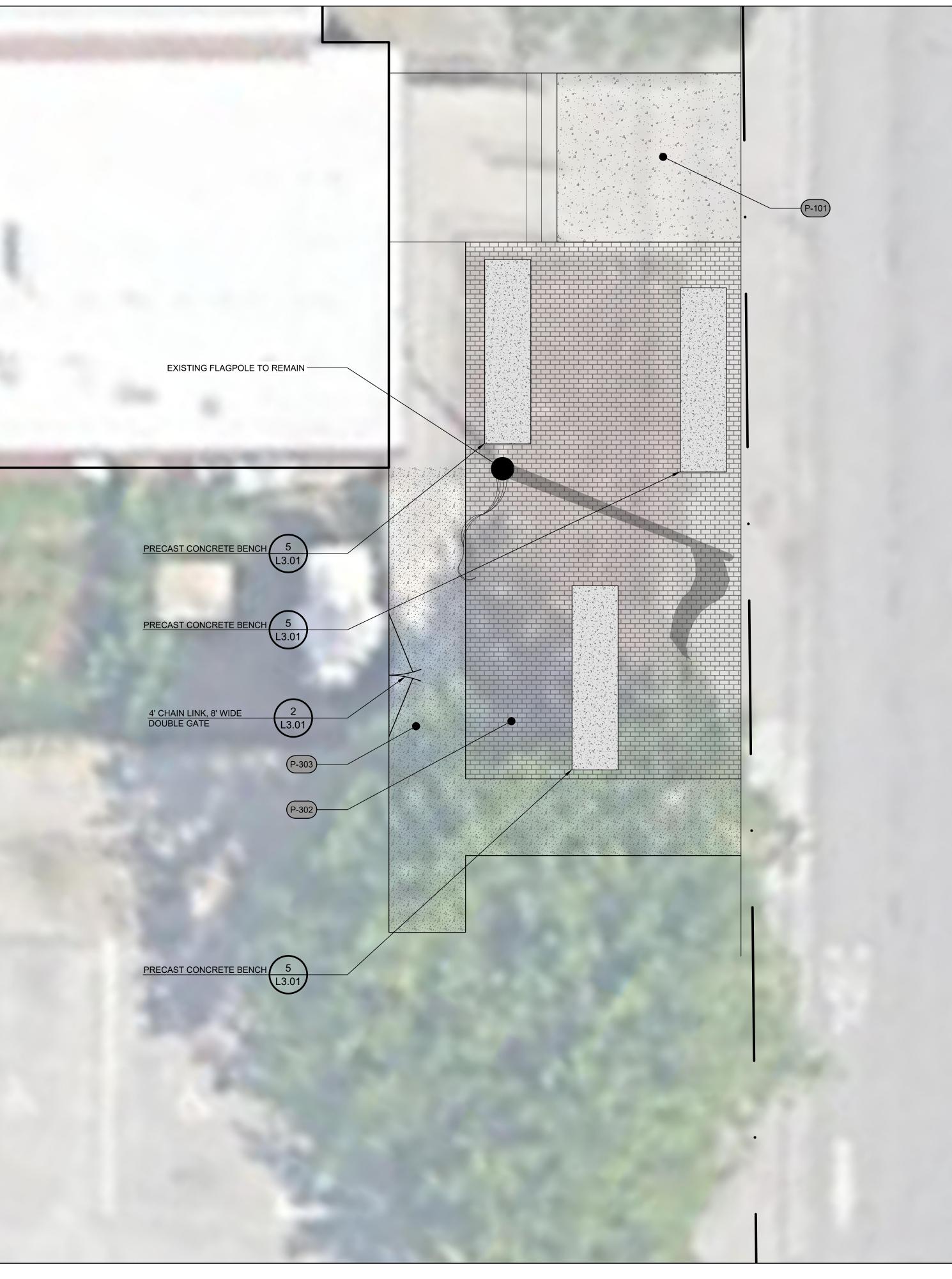


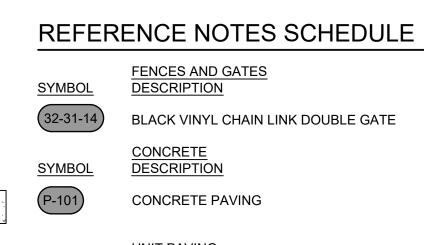
M0.01	MECHANICAL LEGEND
MD1.11	MECHANICAL MEDIA CENTER DEMOLITION DUCTWORK PLAN
MD1.12	MECHANICAL SCIENCE CLASSROOM DEMOLITION DUCTWORK PLAN

M1.11	MECHANICAL MEDIA CENTER DUCTWORK PLAN
M1.12	MECHANICAL SCIENCE CLASSROOM DUCTWORK PLAN

E0.01	ELECTRICAL LEGEND
ED1.11	ELECTRICAL MEDIA CENTER LIGHTING DEMO PLAN
ED1.12	ELECTRICAL SCIENCE CLASSROOM 202 LIGHTING DEMO PLAN
ED2.21	ELECTRICAL SCIENCE CLASSROOMS 222 & 302 POWER DEMO PLAN







UNIT PAVING DESCRIPTION CONCRETE UNIT PAVERS

<u>SYMBOL</u>

P-302

(P-303)

<u>SYMBOL</u>

PC-101

EXPOSED AGGREGATE CONCRETE PAVING

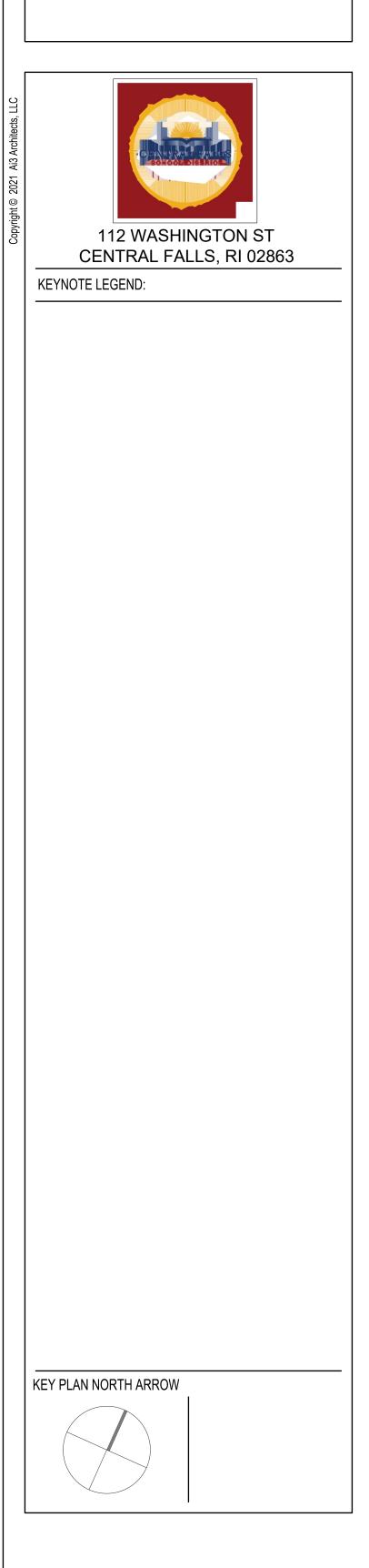
PRE CAST CONCRETE DESCRIPTION PRE CAST CONCRETE BENCH

QTY	DETAIL	Sub-base Depth
1	2/L3.01	32 31 14
<u>QTY</u>	DETAIL	SPEC. SECTION
1,006 sf	4/L3.01	32 13 13
<u>QTY</u>	DETAIL	SPEC. SECTION
521 sf	3/L3.01	32 14 00
290 sf	1/L3.01	
<u>QTY</u>	DETAIL	SPEC. SECTION
3	5/L3.01	03 48 14

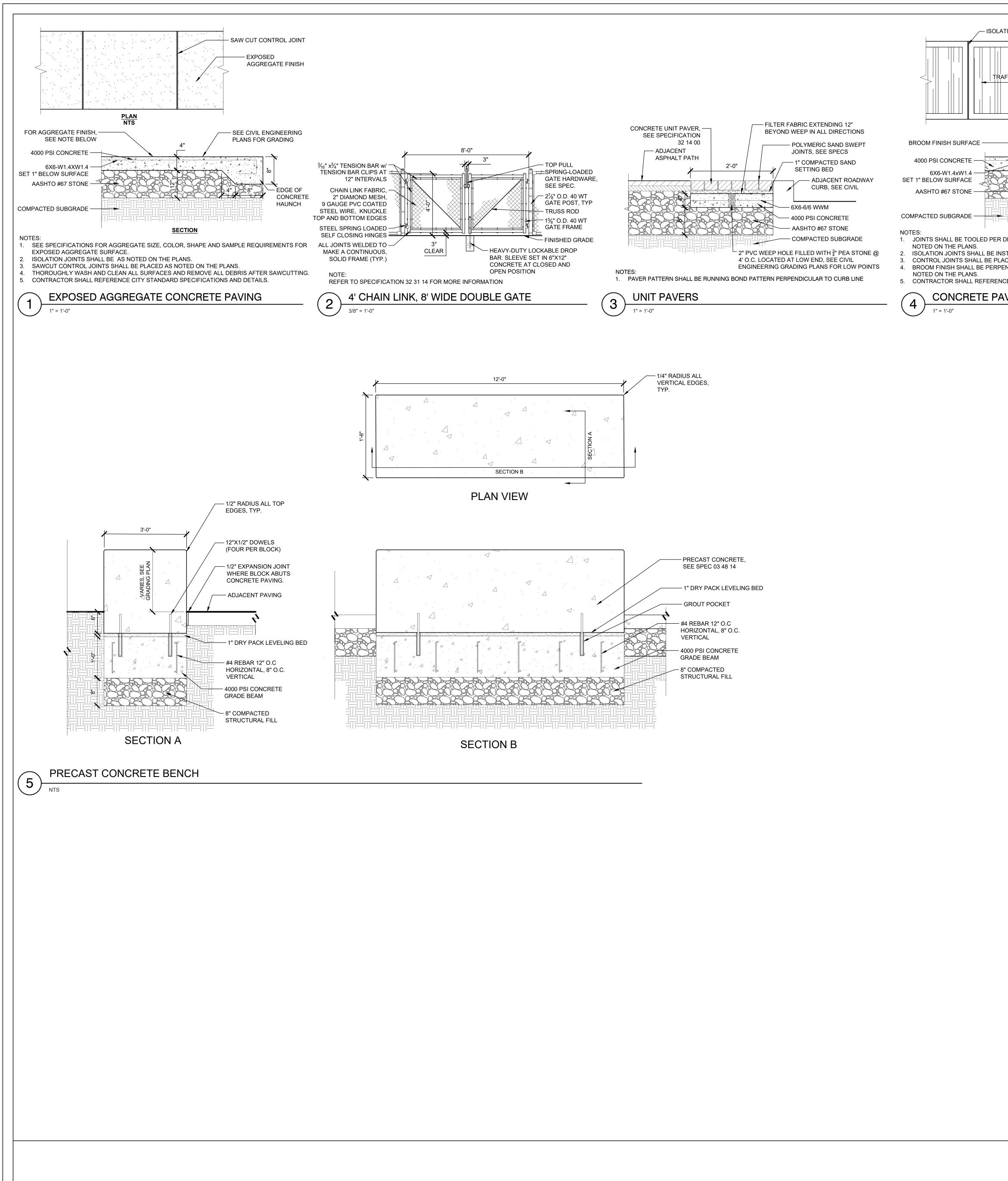


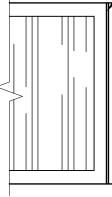
526 Boston Post Rd 508.358.0790 Wayland, MA www.ai3architects.com

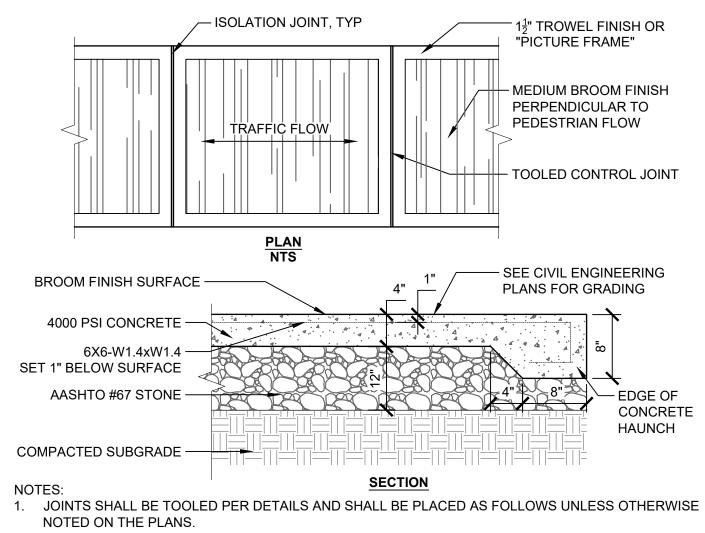
TRAVERSE Indiscape architects 150 Chestnut Street, 4th Floor Providence, RI 02903 401–383–4950 www.traversela.com



DRAWING NAME: HARDSCA	VPE PLAN
DRAWN BY:	TJF
REVIEWED BY:	AE
SCALE: 1/4" = 1'-0"	DRAWING NUMBER:
JOB NO.: K1033 DATE: May 20, 2022	L1.21







2. ISOLATION JOINTS SHALL BE INSTALLED AS NOTED ON THE PLANS. CONTROL JOINTS SHALL BE PLACED AS NOTED ON THE PLANS.

4. BROOM FINISH SHALL BE PERPENDICULAR TO PEDESTRIAN TRAFFIC FLOW UNLESS OTHERWISE 5. CONTRACTOR SHALL REFERENCE CITY OF CAMBRIDGE STANDARD SPECIFICATIONS AND DETAILS

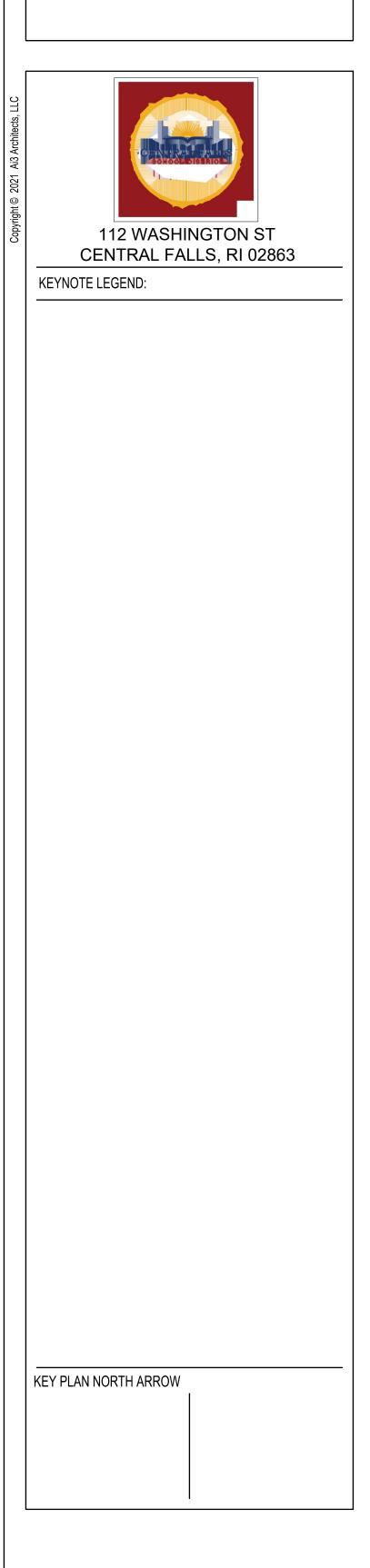
CONCRETE PAVING



526 Boston Post Rd 508.358.0790

Wayland, MA www.ai3architects.com

TRAVERSE landscape architects 150 Chestnut Street, 4th Floor Providence, RI 02903 401-383-4950 www.traversela.com



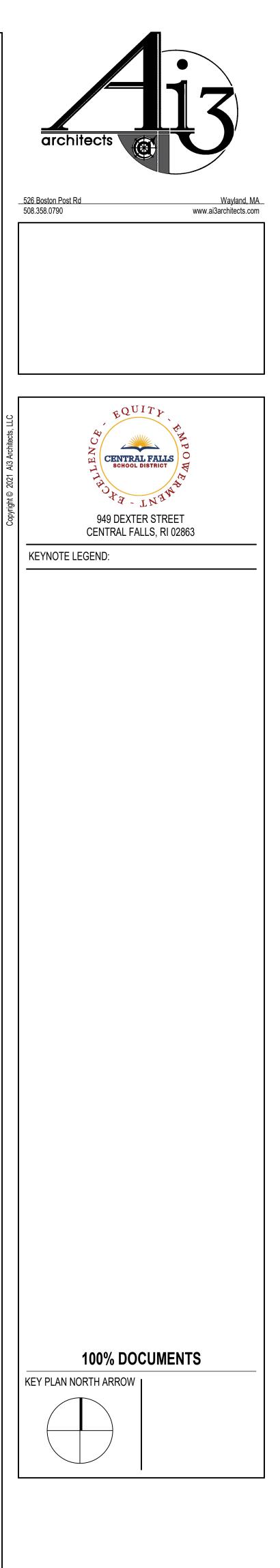
DRAWING NAME:		
HARDSCAPE DETAILS		
DRAWN BY:	TJF	
	101	
REVIEWED BY:	AE	
SCALE: AS SHOWN	DRAWING NUMBER:	
JOB NO.: K1033	L3.01	
DATE: May 20, 2022	L3.01	



		08 35 15.01	SLIDING GLASS PANEL SYSTEM
03 30 00.01	CONCRETE	08 35 15.11	GLASS PANEL - 3/8 INCH - LAMINATED GLASS WITH POLISHED EDGES
03 30 00.03 03 30 00.04	CONCRETE SLAB ON DECK - SEE STRUCTURAL CONCRETE FOOTING - G.C. TO COORDINATE SIZE	08 35 15.21 08 35 15.31	SINGLE POINT FIXING TRACK RAIL
04 20 00.01	FACE BRICK - REFERENCE ELEVATIONS FOR TYPE AND COURSING	08 35 15.32	TRACK ROLLER
04 20 00.31	CMU - STANDARD - NORMAL WEIGHT - REFERENCE DRAWINGS FOR DEPTH SIZE AND FIRE RATING	08 35 15.33	TRACK SUBSTRUCTURE
04 20 00.32 04 20 00.51	CMU BOND BEAM - SEE STRUCTURAL GROUT FILL	08 35 15.34 08 43 13.01	THREADED ROD ALUMINUM STOREFRONT FRAME
05 31 00.01	COMPOSITE STEEL DECK - SEE STRUCTURAL	08 43 13.03	PREFINISHED ALUMINUM FLASHING
05 31 00.10	STEEL ROOF DECK - 1 1/2 INCH GALVANIZED - SEE STRUCTURAL	08 43 13.05	PERIMETER SEALANT
05 31 00.11 05 40 00.03	STEEL ROOF DECK - 3 INCH GALVANIZED - SEE STRUCTURAL STEEL STUDS - 3 5/8 INCH - 16 INCHES O.C. MAX	08 71 00.11 09 21 23.11	ALUMINUM THRESHOLD METAL SHAFTWALL C-H STUD - 2 1/2 INCH - 24 INCHES O.C. MAX
05 40 00.03	STEEL STODS - 3 5/8 INCH - 10 INCHES O.C. MAX STEEL Z-CLIP - 16 GAGE MIN 1 INCH MIN. DEPTH - 16 INCHES O.C. MAX	09 21 23.11	METAL SHAFTWALL C-H STOD - 2 1/2 INCH - 24 INCHES C.C. MAX
05 40 00.21	ISOLATION HANGER	09 21 23.21	GYPSUM SHAFTWALL LINER PANEL - 1 INCH
05 50 00.10	STEEL ANGLE - SEISMIC CLIP - SEE STRUCTURAL	09 21 23.31	GYPSUM BOARD - 5/8 INCH TYPE X - 1 LAYER
05 50 00.12 05 50 00.21	STEEL ANGLE - SEE STRUCTURAL STEEL TUBE - SEE STRUCTURAL	09 21 23.32 09 21 23.41	GYPSUM BOARD - 5/8 INCH TYPE X - 2 LAYERS METAL SHAFTWALL C-STUD TRACK - 2 INCH
05 50 00.22	STEEL TUBE - SIZE AS NOTED OR DRAWN	09 21 23.42	METAL SHAFTWALL H STUD - 2 INCH
05 50 00.30	STEEL CHANNEL - SIZED BY G.C.	09 21 23.51	ALUMINUM 2x2x2-1/2 INCH BREAKAWAY CLIP - MAX 10 FEET O.C. VERTICALLY
05 50 00.32 05 50 00.41	STEEL BENT PLATE - SEE STRUCTURAL STEEL PLATE - 1/4 INCH THICK - SIZE AS NOTED OR DRAWN	09 22 16.01 09 22 16.02	METAL STUD 1-5/8 INCH - 16 INCHES O.C. MAX METAL STUD 2-1/2 INCH - 16 INCHES O.C. MAX
05 50 00.60	SHOP APPLIED COLOR COATING	09 22 16.03	METAL STUD 3-5/8 INCH - 16 INCHES O.C. MAX
05 50 00.64	3/16" THICK ALUMINUM PANEL	09 22 16.06	METAL STUD 6 INCH - 16 INCHES O.C. MAX
05 50 00.65 05 50 00.66	2" X 3" X 1/8" ALUMINUM BENT PLATE 1/4"-20 X 1 1/4" LONG SELF DRILL SCREW	09 22 16.20 09 22 16.21	METAL STUD - REFER TO FLOOR PLANS FOR DEPTH METAL FURRING CHANNEL - 7/8 INCH - 16 INCHES O.C. MAX
05 50 00.67	STEEL COLUMN. G.C. TO COORDINATE SIZE	09 22 16.31	BOXED HEADER
05 50 00.68	STEEL BASE PLATE. G.C. TO COORDINATE SIZE	09 22 16.41	METAL DEFLECTION TRACK ASSEMBLY
05 50 00.69 05 50 00.81	4 3/4" X 3 1/2" X 1/4" ALUMINUM TEE ANCHOR BOLT	09 22 16.42 09 22 16.51	METAL DEFLECTION TRACK ASSEMBLY - FIRE RATED METAL STUD BRACE
05 50 00.82	EXPANSION BOLT	09 22 16.99	METAL CLIP FOR WALL FRAMING - 16 GA 24 INCHES O.C. MAX
05 51 00.20	STEEL PIPE GUARDRAIL - 1-1/2 INCH O.D.	09 29 00.01	5/8 INCH GYPSUM BOARD - LEVEL 4 FINISH - 1 LAYER
05 51 00.21	STEEL PIPE GUARDRAIL POST - 1-1/2 INCH O.D.	09 29 00.02	5/8 INCH GYPSUM BOARD - LEVEL 4 FINISH - 2 LAYERS
05 51 00.22 05 51 00.24	STEEL PIPE HANDRAIL - 1-1/2 INCH O.D. STEEL HANDRAIL BRACKET	09 29 00.11 09 29 00.21	1/2 INCH PLYWOOD - FIRE RETARDANT TREATED 5/8 INCH GYPSUM BOARD - LEVEL 4 FINISH - SAG-RESISTANT
05 51 00.94	STEEL HANDRAIL BRACKET - EXTERIOR	09 29 00.31	5/8 INCH GYPSUM BOARD - LEVEL 4 FINISH - IMPACT RESISTANT
05 51 00.95	STEEL BAR BALUSTER - 5/8 INCH DIA EXTERIOR	09 29 00.32	5/8 INCH GYPSUM BOARD - LEVEL 4 FINISH - ABUSE RESISTANT
05 51 00.96	STEEL PIPE RAIL - 1-1/2 INCH O.D EXTERIOR	09 29 00.43	
06 10 00.11 06 10 00.21	WOOD BLOCKING - (2X) PRESSURE TREATED - SIZE AS NOTED OR DRAWN WOOD BLOCKING - (2X) FIRE RETARDANT TREATED - SIZE AS NOTED OR DRAWN	09 29 00.99 09 30 13.01	GYPSUM BOARD SYSTEM - LEVEL 4 FINISH - REFER TO FLOOR PLANS AND WALL TYPES FOR COMPONENTS CERAMIC MOSAIC FLOOR TILE
06 10 00.21	PLYWOOD - 1/2 INCH	09 30 13.11	CERAMIC WALL TILE - TYPE CT-1
06 10 00.33	PLYWOOD - 5/8 INCH	09 30 16.01	QUARRY TILE
06 10 00.34	PLYWOOD - 3/4 INCH	09 30 19.01	PORCELAIN FLOOR TILE - TYPE PT.F-1
06 10 00.42 06 10 00.44	PLYWOOD PRESSURE TREATED - 1/2 INCH PLYWOOD PRESSURE TREATED - 3/4 INCH	09 30 19.41 09 30 19.51	THIN SET TILE SETTING BED CEMENTITIOUS BACKING BOARD
06 10 00.45	PLYWOOD FIRE RETARDANT TREATED - 1/2 INCH	09 51 00.01	ACT TYPE-1
06 10 00.99	WOOD BLOCKING - SIZE AS NOTED OR DRAWN	09 51 00.04	ACT TYPE-4
06 20 00.01	HARDWOOD TRIM - TRANSPARENT FINISH	09 51 00.51	ACT SUSPENSION SYSTEM
06 20 00.03 06 20 00.04	HARDWOOD TRIM - EASED EDGE 1/4 INCH RADIUS - TRANSPARENT FINISH HARDWOOD TRIM - BULLNOSE - TRANSPARENT FINISH	09 51 00.52 09 51 00.61	EDGE MOLDING SYSTEM PERMITER EDGE TRIM SYSTEM - VERTICAL PROFILE - HEIGHT AS NOTED
06 20 00.07	HARDWOOD SILL - TRANSPARENT FINISH	09 51 00.99	ACOUSTICAL CEILING - REFERENCE REFLECTED CEILING PLANS FOR TYPE AND HEIGHT
06 20 00.21	HARDWOOD TRIM - 1/2 INCH - TRANSPARENT FINISH	09 64 29.01	WOOD STRIP AND PLANK FLOOR
06 20 00.23	HARDWOOD TRIM - 3/4 INCH - TRANSPARENT FINISH	09 64 66.01	WOOD ATHLETIC FLOOR
06 20 00.51 06 20 00.62	MDF PLYWOOD - 1/2 INCH FLAG HOOK STANDOFF WITH CAP	09 65 13.01 09 65 16.01	RUBBER BASE - 4 INCH RESILIENT SHEET FLOORING - RSF-1
06 20 00.70	STEEL PIPE AND FLANGE SHELVING SUPPORT SYSTEM - SHOP APPLIED FINISH	09 65 16.11	TRANSITION STRIP
06 20 00.71	GROMMET - 3 INCH - PLASTIC	09 65 19.01	RESILIENT TILE FLOORING - RTF-1
06 20 00.72 06 20 00.73	WIRE MANAGEMENT HOOKS – 12 INCHES O.C. – UNDER COUNTER STEEL UNDER COUNTER SUPPORT BRACKET - SIZE AS NOTED OR DRAWN	09 65 19.11 09 65 23.01	TRANSITION STRIP RUBBER FLOOR TILE - HAMMERED PROFILE - STAIR TREADS/RISERS AND LANDINGS
06 20 00.73	PLASTIC LAMINATE - TYPE 1	09 65 23.02	RUBBER FLOOR TILE - HAMMERED PROFILE
06 20 00.82	PLASTIC LAMINATE PLANT SHELF	09 65 23.03	RUBBER FLOOR TILE - ATHLETIC
06 20 00.95	REMOVABLE ACCESS PANEL - MATCH ADJACENT FINISH	09 65 23.11	TRANSITION STRIP
06 20 00.99 07 21 00.11	WOOD BLOCKING - SIZE AS NOTED OR DRAWN INSULATING NAIL BASE - 2 INCH - EXTERIOR WALL	09 65 23.12 09 65 36.01	TRANSITION STRIP - REDUCING STRIP STATIC-CONTROL COMPOSITE TILE
07 21 00.20	GLASS FIBER BLANKET INSULATION - MATCH DEPTH OF STUD - UNFACED	09 65 36.11	TRANSITION STRIP
07 21 00.22	GLASS FIBER ACOUSTICAL BLANKET INSULATION - MATCH DEPTH OF STUD - UNFACED	09 68 00.01	CARPET
07 21 00.30		09 68 00.11	
07 21 00.32 07 27 13.01	MINERAL FIBER ACOUSTICAL INSULATION - 3 1/2 INCH AIR/VAPOR BARRIER MEMBRANE - SELF-ADHERING	09 68 13.01 09 68 13.11	TILE CARPET - CPT-1 RUBBER CARPET REDUCING STRIP
07 42 43.01	COMPOSITE WALL PANEL	09 91 00.01	PAINT - SEE SCHEDULE
07 42 43.02	COMPOSITE WALL PANEL CLIP AND FASTENER	10 14 00.02	INTERIOR SIGNAGE - VINYL WALL GRAPHIC
07 42 43.11 07 42 43.15	COMPOSITE METAL SPLINE TRIM - MATCH COMPOSITE WALL PANEL FINISH FIRE RETARDANT COMPOSITE METAL SPLINE TRIM - MATCH COMPOSITE WALL PANEL FINISH	10 14 00.11 10 21 23.01	EXTERIOR SIGNAGE - TYPE AS SCHEDULED CURTAIN TRACK AND CURTAIN
07 42 43.15	STAINLESS STEEL SELF-DRILLING SCREW	10 26 41.01	BULLET RESISTANT PANEL - LEVEL 4 - UL 752
07 42 43.17	HORIZONTAL GIRT - REFER TO SHOP DRAWINGS FOR SIZE	10 44 00.01	FIRE EXTINGUISHER CABINET - FULLY RECESSED
07 54 19.01 07 54 19 02	PVC SINGLE PLY MEMBRANE ROOFING HIGH DENSITY POLYISO RECOVERY BOARD	10 44 00.03 10 44 00 11	FIRE EXTINGUISHER WALL MOUNTED BRACKET FIRE EXTINGUISHER
07 54 19.02 07 54 19.04	HIGH DENSITY POLYISO RECOVERY BOARD POLYISO TAPERED INSULATION	10 44 00.11 10 71 16.01	EXTERIOR CANOPY ASSEMBLY
07 54 19.05	FLASHING MEMBRANE	10 71 16.02	12" CHANNEL FASCIA PROFILE
07 54 19.12	BLIND NAILER	10 71 16.03	3" X 6" ALUMINUM INTERLOCKING PAN
07 54 19.15 07 54 19.16	TERMINATION BAR SEALANT - TYPE AS REQUIRED	10 71 16.04 10 71 16.05	6" X 6" ALUMINUM OR STEEL PLATE 1" DIAMETER ALUMINUM OR STAINLESS STEEL HANGER ROD
07 54 19.10	FACTORY FABRICATED FASCIA TRIM/ROOF EDGE - CUSTOM COLOR	10 71 16.05	I DIAMETER ALUMINUM OR STAINLESS STEEL HANGER ROD
07 84 00.01	FIRE SAFING MINERAL WOOL	11 53 00.21	SAFETY GOGGLE CABINET
07 84 00.02	CAULK - CAULK AND PUTTY	11 61 00.21	STEEL CHANNELS WITH PRE-PUNCHED HOLES - SIZE AND GAGE AS REQUIRED AND SIZED BY G.C.
07 84 00.03 07 84 00.04	FIRE STOP MORTAR FIRE STOP PILLOWS	11 61 00.31 11 61 00.32	CURTAIN TRACK ASSEMBLY STAGE CURTAIN
07 92 00.04	JOINT SEALANT - TYPE AS REQUIRED	11 61 00.41	PIPE GRID - TV STUDIO
07 92 00.02	BACKER ROD AND SEALANT - TYPE AS REQUIRED	11 66 23.01	WALL PADDING - TYPE 1
07 95 13.01	EXPANSION JOINT COVER - 4 INCH - INTERIOR - FLOOR / FLOOR	12 30 00.20	PLASTIC LAMINATE COUNTERTOP
08 11 13.10 08 11 13.11	STEEL DOOR - SEE SCHEDULE FOR TYPES STEEL FRAME - SEE SCHEDULE FOR TYPES	12 30 00.21 12 30 00.22	PLASTIC LAMINATE BACKSPLASH - 4 INCH PLASTIC LAMINATE BACKSPLASH - 6 INCH
08 11 13.20	STEEL FRAME - SEE SCHEDOLE FOR TIPES STEEL FRAME CLIP BY FRAME INSTALLER	12 30 00.22	EPOXY RESIN LABORATORY COUNTERTOP
08 11 13.21	STEEL FRAME ANCHOR	12 30 00.85	HEAVY DUTY LOCKABLE CASTER - ONE AT EACH CORNER
08 14 16.01	SOLID CORE FLUSH WOOD DOOR- SEE DOOR SCHEDULE	12 48 13.01 12 48 13 10	RECESSED ENTRANCE MAT - REFERENCE DRAWINGS FOR SIZE EXTRUDED ALUMINUM RECESSED FRAMING - L SHAPE
		12 48 13.10 22 00 00.01	EXTRUDED ALUMINUM RECESSED FRAMING - L SHAPE SINK - SEE PLUMBING
		22 00 00.21	FLOOR DRAIN - SEE PLUMBING
		22 00 00.70	EMERGENCY EYEWASH/SHOWER STATION
		23 00 00.25 26 00 00.01	RADIANT PANEL - SEE HVAC LIGHT FIXTURE - SEE ELECTRICAL
		26 00 00.01	WALL MOUNTED LIGHT FIXTURE- SEE ELECTRICAL

# KEYNOTES\_MASTER LEGEND

# KEYNOTES\_MASTER LEGEND



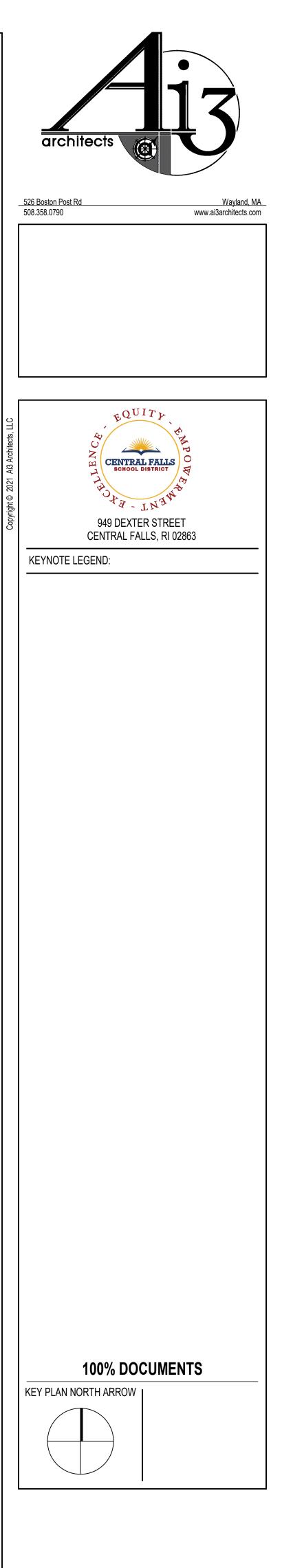
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REVIEWED	BY:	KRK
SCALE: JOB NO.: DATE:	AS INDICATED 2202.00 MAY 6, 2022	DRAWING NUMBER:

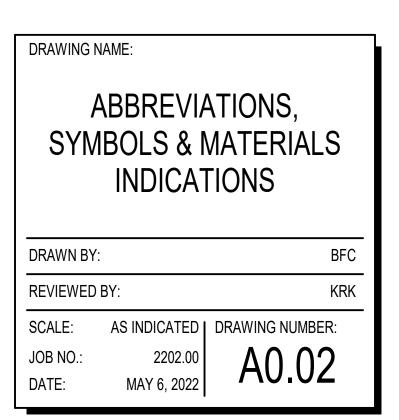
GRAPHIC SYMBOLS	
ROOM NAME	ROOM TAG
(100-01)	DOOR TAG
<u></u> W100-01_>	WINDOW TAG
	WALL TAG
BX.X	CASEWORK TAG
FEC	EQUIPMENT TAG
0.0	NEW COLUMN GRID LINES
-+++++++++++++++++++++++++++++++++++++	DATUM/SPOT ELEVATION
X AX.X Ref	BUILDING SECTION
X AX.X Ref	DETAIL
X AX.X Ref	WALL SECTION
X AX.X Ref	CALLOUT
X AX.X Ref	EXTERIOR ELEVATION
Ref X AX.X X Ref	INTERIOR ELEVATION
# VIEW NAME SCALE	TITLE MARK
	NORTH ARROW
	WOOD GRAIN DIRECTION

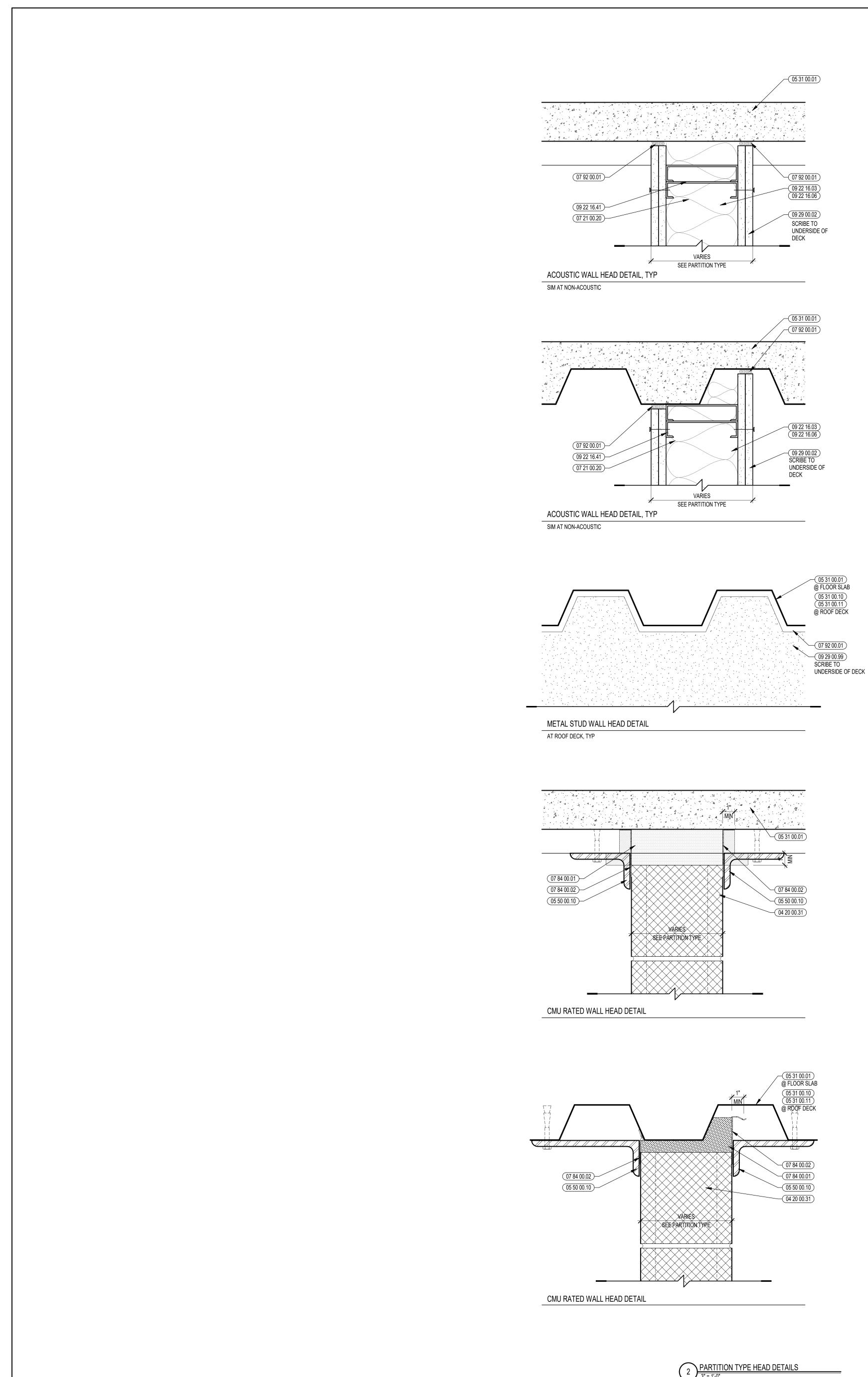
MATERIAL INDICATION	MATERIAL INDICATIONS		
	BATT INSULATION		
	BRICK, STONE MASONRY		
	CONTINUOUS BLOCKING		
	INTERMEDIATE BLOCKING		
	CONCRETE		
	CONCRETE MASONRY		
	EARTH		
	FIRESAFING		
	GRAVEL		
	GYPSUM - PLASTER		
	MINERAL FIBER INSULATION		
	PLYWOOD		
	RIGID INSULATION		
	STEEL		
	VINYL WALL GRAPHIC		
	WOOD FINISH		

# ARCHITECTURAL ABBREVIATION LIST FA А ACRE AC AIR CONDITIONING FAB FAF ACST ACOUSTICAL ACT FB ACOUSTICAL CEILING TILE AD FD AREA DRAIN ADD ADDENDUM FDVC ADDL ADDITIONAL FE FEC FEJ FF ADJ ADJUSTABLE, ADJACENT AFF ABOVE FINISH FLOOR AGGR AGGREGATE AHU AIR HANDLING UNIT FH ALT FIN ALTERNATE ALUM ALUMINUM FIN GR ANOD ANODIZED FIX FIXT AP ACCESS PANEL FLASH FLEX APRX APPROXIMATE ARCH ARCHITECTURAL AVG AVERAGE & AND FLUOR FLR FND FPRF FRT ANGLE < @ AT FS BC BRICK COURSE FT FTG FTR FURN FURR FURR BD BOARD BG **BELOW GRADE** BL BUILDING LINE BLDG BUILDING BLK BLACK BLKG BLOCKING BLR BOILER BEAM, BENCHMARK GA BM GA GALV GAL GC GEN BTM BOTTOM BTU BRITISH THERMAL UNIT BOW BOTTOM OF WALL GEN GE GFRG GFRP CAB CABINET GL GND GRC GWB GYF GYP GYF CB CHALK BOARD CBN CATCH BASIN CJ CONTROL JOINT CENTERLINE CL CLG CEILING CLKG CAULKING CLOS CLOSET CLR CLEAR CAULKING Н HC HDW HM CLSRM CLASSROOM CMT CERAMIC MOSAIC TILE HORZ HP CMTB CERAMIC MOSAIC TILE BASE CMU CONCRETE MASONRY UNIT HR COL COLUMN HSMB COMP COMPRESSIBLE CONC CONCRETE CONST CONSTRUCTION HT HVAC HW CONT CONTINUOUS HWD CONTR CONTRACTOR CORR CORRIDOR CPT CARPET CRS COURSE CT CERAMIC TILE CTB CERAMIC TILE BASE ID INS IN INCL INSUL INT CTR CENTER CUH CABINET UNIT HEATER CW COLD WATER INV CHANNEL [ JAN JAN JT JOII D DEEP DBL DOUBLE DEG DEGREE DEMO DEMOLITION DEPT DEPARTMENT KD KN KEC KIT DETAIL DET KW DF DRINKING FOUNTAIN KWH DIA DIAMETER DIFF DIFFUSER DIM DIMENSION DISP DISPENSER L LAM LAV LB DIV DIVISION DN DOWN DPFG DAMPROOFING DR DOOR LF LH DRW DRAWER LP LT LIC DS DOWNSPOUT DWG DRAWING EAST EACH MAT MATL Е EA MAX MB EXPANSION JOINT EJ ELEVATION EL ELEC ELECTRICAL MECH MEMB MFR ELEV ELEVATOR EMER EMERGENCY MIN MISC MO ENCL ENCLOSURE ENTR ENTRANCE EP ELECTRICAL PANEL, EPOXY PAINT EQ EQUAL MR MTD MC MTG MC MTL ME MUL ML EQUIP EQUIPMENT EWC ELECTRIC WATER COOLER EX EXISTING EXCV EXCAVATION EXP EXPOSED EXT EXTERIOR EXTR EXTRUDED

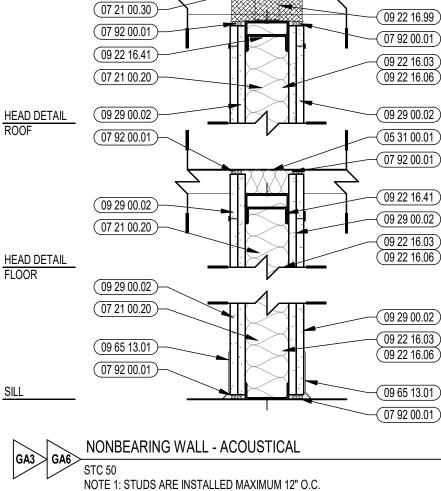
	FIRE ALARM	N	NORTH	Т	TREAD
	FABRICATE FLUID-APPLIED ATHLETIC FLOORING	NAT NIC	NATURAL NOT IN CONTRACT	T&G TB	TONGUE & GROOVE TACK BOARD
	FLAT BAR	NO	NUMBER	TC	TOP OF CURB
	FLOOR DRAIN FIRE DEPARTMENT VALVE CABINET	NOM NRC	NOMINAL NOISE REDUCTION COEFFICIENT	TEL TEMP	TELEPHONE TEMPORARY, TEMPERATURE
	FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET	NTS	NOT TO SCALE	TFE THK	THIN-FILL EPOXY FLOORING THICK
	FLOOR EXPANSION JOINT			THR	THRESHOLD
	FINISH FLOOR FIRE HYDRANT	OA OC	OVERALL ON CENTER	TLT TO	TOILET TOP OF
	FINISH	OD	OUTSIDE DIAMETER	TOP	TOP OF BLOCKING
२	FINISH GRADE FIXED	OFOI OFCI	OWNER FURNISHED / OWNER INSTALLED OWNER FURNISHED / CONTRACTOR INSTALLED	TOC TOF	TOP OF CONCRETE TOP OF FOUNDATION
	FIXTURE	OH	OVERHEAD	TOS	TOP OF STEEL
1	FLASHING FLEXIBLE	OPER OPNG	OPERABLE OPENING	TRK TS	TRACK TUBE STEEL
र	FLUORESCENT	OPP	OPPOSITE / SIMILAR	TV	TELEVISION
	FLOOR FOUNDATION	OZ	OUNCE	TW TYP	TOP OF WALL TYPICAL
	FIRE PROOFING			ΤZ	TERRAZZO
	FIRE RETARDANT TREATED FOOD SERVICE	P PAR	PAINT PARALLEL		
	FOOT, FEET FOOTING	PERF PERP	PERFORATED PERPENDICULAR	UC UL	UNDERCUT UNDERWRITERS LABORATORY
	FINNED TUBE RADIATION	PG	PAINT GRADE	UNO	UNLESS OTHERWISE NOTED
	FURNITURE FURRING	PL PLAM	PLATE PLASTIC LAMINATE	UR UV	URINAL UNIT VENTILATOR, ULTRAVIOLET
	FUTURE	PLBG	PLUMBING	U V	
		PLAS PNL	PLASTER PANEL, PANELING	VB	VINYL BASE
	GAUGE	POL	POLISHED	VCT	VINYL COMPOSITE TILE
	GALVANIZED GENERAL CONTRACTOR	PR PRFB	PAIR PREFABRICATED	VERT VEST	VERTICAL VESTIBULE
	GENERAL, GENERATOR	PRTBD	PARTICLE BOARD	VIF	VERIFY IN FIELD
	GLASS FIBER REINFORCED GYPSUM GLASS FIBER REINFORCED PLASTER	PSI PT	POUNDS PER SQUARE INCH PRESSURE TREATED	VP VTR	VENEER PLASTER VENT THROUGH ROOF
	GLASS	PTD	PAINTED	VWC	VINYL WALLCOVERING
	GROUND GYPSUM WALL BOARD	PTN PWD	PARTITION PLYWOOD		
	GYPSUM			W	WEST, WIDE, WIDTH
		QR	QUARTER ROUND	W/ W/O	WITH WITHOUT
	HIGH HOLLOW CORE	QT QUAL	QUARRY TILE QUALITY	WAB WAF	WOOD ATHLETIC FLOORING VENTED BASE WOOD ATHLETIC FLOORING
	HARDWARE	QUAN	QUANTITY	WC	WATER CLOSET
	HOLLOW METAL HORIZONTAL			WD WEJ	WOOD WALL EXPANSION JOINT
	HIGH POINT	R	RADIUS, RISER, RUBBER	WF	WIDE FLANGE
	HOUR HORIZONTAL SLIDING MARKER BOARD	RB RCPT	RUBBER BASE RECEPTACLE	WH WP	WATER HEATER WORK POINT
	HEIGHT	RD	ROOF DRAIN	WPFG	WATER PROOFING
	HEATING VENTILATION & AIR CONDITIONING HOT WATER	REC RECT	RECESSED RECTANGULAR	WSF WT	WOOD STRIP FLOORING WEIGHT, WT (STEEL SHAPE)
	HARDWOOD	REF	REFERENCE		
		REFL REFR	REFLECTED REFRIGERATOR	XBAR	CROSSBAR
	INSIDE DIAMETER INCH, INCHES	REINF	REINFORCED	XH	EXTRA HEAVY
	INCLUDE, INCLUSIVE	REQD RESIL	REQUIRED RESILIENT	XL	EXTRA LARGE
	INSULATION, INSULATED	REV RH	REVISE, REVERSE RIGHT HAND	YD	YARD
	INVERT, INVERSE	RHR	RIGHT HAND REVERSE	YR	YEAR
		RL RLG	RAIN LEADER RAILING	YS	YIELD STRENGTH
	JANITOR	RO	ROUGH OPENING	-	
	JOINT	RR RT	RUBBER RISER RIGHT	Z ZN	MODULUS OF SECTION ZINC
	KNOCKED DOWN	RTR	RUBBER TILE, RUBBER TREAD		
	KITCHEN EQUIPMENT CONTRACTOR				
	KITCHEN KILOWATT	S SC	SOUTH SOLID CORE		
	KILOWATT PER HOUR	SCHD	SCHEDULE		
		SCRF SECT	STATIC-CONTROL RESILIENT FLOORING SECTION		
	LEFT, LONG	SEG	SEGMENT		
	LAMINATE, LAMINATED LAVATORY	SF SH	SQUARE FOOT SHELF		
	POUND	SHT	SHEET		
	LINEAR FOOT, LINEAR FEET LEFT HAND	SHR SHVT	SHOWER SEAMLESS SHEET VINYL		
	LOW POINT	SIM	SIMILAR		
	LIGHT LIGHTING	SLH SLV	SLOTTED HORIZONTAL SLOTTED VERTICAL		
		SMFL SPEC	SEAMLESS FLOORING SPECIFICATION		
	ENTRANCE MATS, ENTRANCE GRATE	SQ	SQUARE		
	MATERIAL MAXIMUM	SQIN SS	SQUARE INCH STAINLESS STEEL		
	MARKER BOARD	SSM	SOLID SURFACE MATERIAL		
	MECHANICAL MEMBRANE	ST STA	STREET STATION		
	MANUFACTURER	STC	SOUND TRANSMISSION CLASSIFICATION		
	MINIMUM MISCELLANEOUS	STD STL	STANDARD STEEL		
	MASONRY OPENING	STOR STR	STORAGE		
	MOISTURE RESISTANCE MOUNTED	STRL	STRUCTURE STRUCTURAL		
	MOUNTING, MEETING METAL	SUB SUSP	SUBCONTRACTOR SUSPENDED		
	MULLION	SWD	SOFT WOOD		
		SYM SYN	SYMMETRICAL SYNTHETIC		
		SYST	SYSTEM		





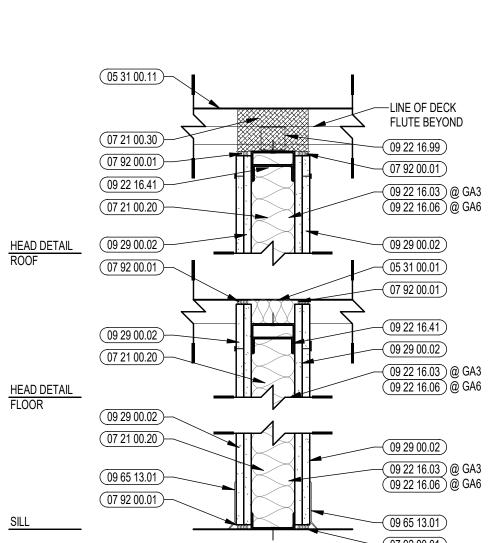


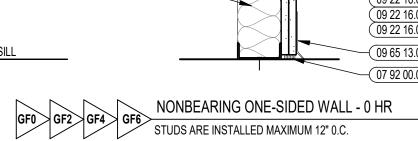


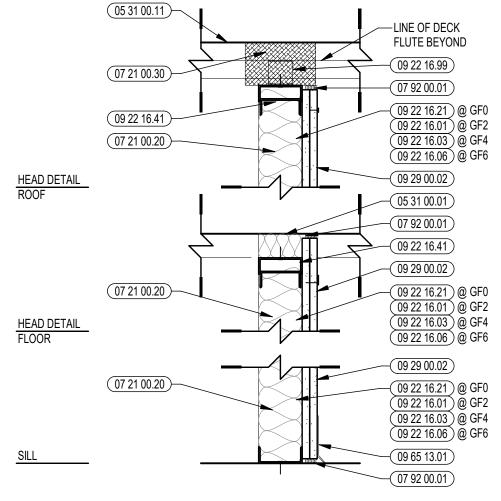


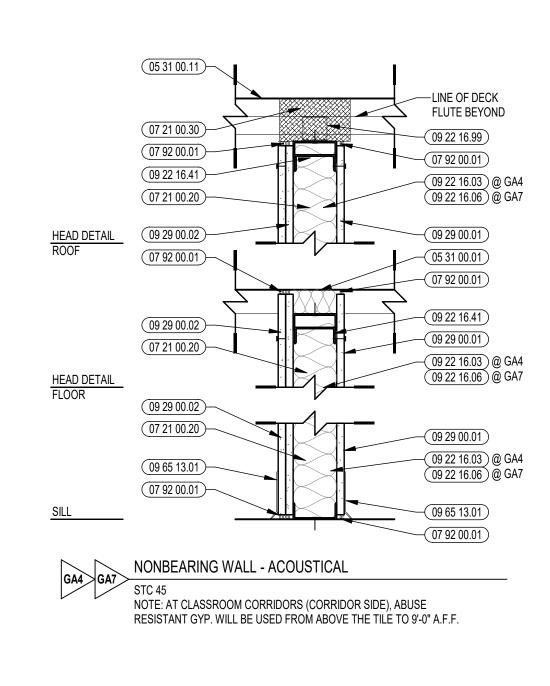
NOTE 2: AT CLASSROOM CORRIDORS (CORRIDOR SIDE), ABUSE

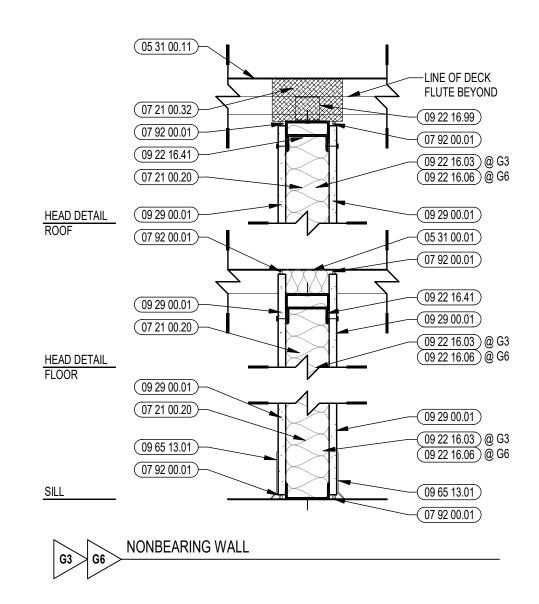
RESISTANT GYP. WILL BE USED FROM ABOVE THE TILE TO 9'-0" A.F.F.

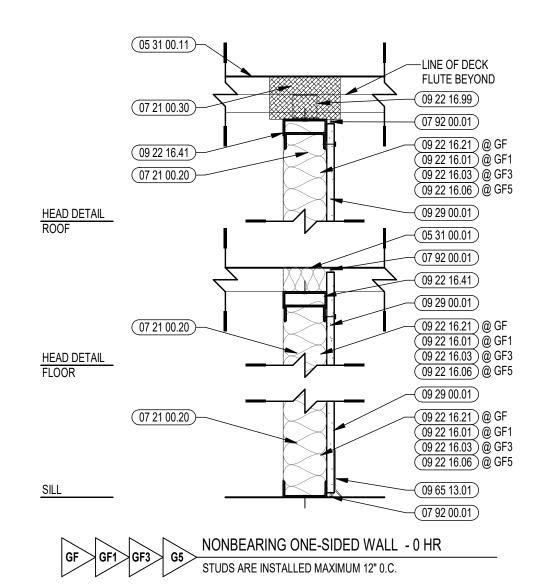


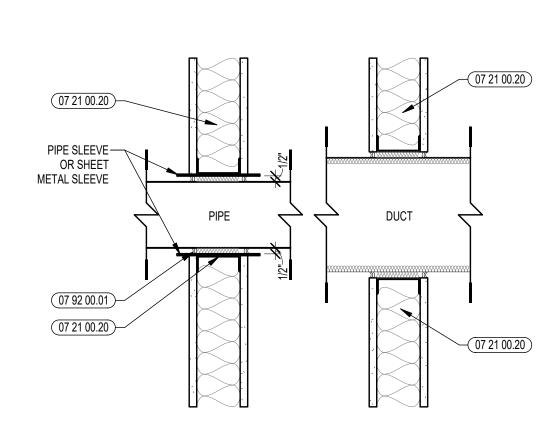










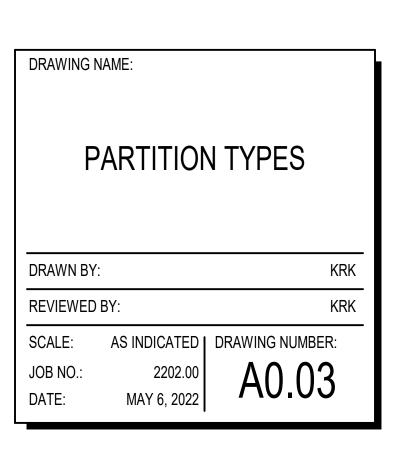


WALL PENETRATION DETAILS

1 PARTITION TYPES 1 1/2" = 1'-0"

COORDINATE WITH WALL TYPE







# Note Text REMOVE EXISTING INTERIOR FRAME AND GLAZING AS REQUIRED FOR NEW CONSTRUCTION. REMOVE EXISTING DRYWALL OR PLASTER PARTITION IN ITS ENTIRETY. REMOVE ALL EXISTING MARKERBOARDS, TACKBOARDS, CHALKBOARDS, PEGBOARDS, PROJECTION SCREENS AND ASSOCIATED FASTENERS. PATCH WALL SURFACES AS REQUIRED TO MATCH EXISTING ADJACENT SURFACES TO REMAIN AND PREPARE FOR NEW WALL FINISH AS SCHEDULED. REMOVE ALL EXISTING UNIT VENTS. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. REMOVE EXISTING INTERIOR DOOR, ALL ASSOCIATED WOOD BLOCKING, AND INTERIOR WOOD TRIM AS REQUIRED FOR NEW CONSTRUCTION. INFILL WITH NEW PARTITION TO BE FLUSH AND MATCH EXISTING WALL. REMOVE EXISTING CASEWORK, BUILT-IN SHELVING, LOOSE SHELVING, WARDROBES, BASE AND UPPER CABINETS, AND COUNTERTOPS. REMOVE EXISTING EXTERIOR SOFFIT FINISH MATERIAL, INSULATION, AND SUPPORTS AS NEEDED IN ORDER TO CONSTRUCT NEW SOFFIT AS SHOWN IN DRAWINGS. COORDINATE WITH ARCHITECTURAL AND ELECTRICAL DRAWINGS. REMOVE ALL EXISTING CEILING MATERIALS. REFER TO PLAN FOR SCOPE OF WORK. REMOVE CEILING MOUNTED DEVICES AND LIGHT FIXTURES. REFER TO THE TECHNOLOGY, ELECTRICAL, MECHANICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION. REFER TO SPECIFICATIONS. REMOVE EXISTING RESILIENT BASE, MASTIC AND FLOORING (VINYL TILE AND/OR CARPET TILE). REFER TO SPECIFICATIONS FOR INFORMATION PERTAINING TO FINISH FLOORING PER INTERIOR FINISH SCHEDULE. REMOVE ALL EXISTING VENT HOODS AND DUCTING BACK TO BRANCH DUCT. REFER TO HVAC DRAWINGS. REMOVE EXISTING DOOR HARDWARE. PATCH, REPAIR AND PREPARE DOOR FOR NEW HARDWARE INSTALLATION. REMOVE EXISTING DOOR PANELS. PATCH, REPAIR AND PREPARE DOOR FRAME FOR NEW DOOR PANELS. REMOVE EXISTING PLUMBING FIXTURE AND LINES BACK TO A POINT WHICH WOULD NOT INTERFERE WITH NEW WORK. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. PATCH FLOORS/WALLS AS REQUIRED TO MATCH EXISTING CONSTRUCTION TO REMAIN. REMOVE EXISTING STAIR FINISH, TREAD, AND MASTIC. PREPARE TREADS, RISERS, AND LANDINGS FOR NEW RUBBER FINISH. REMOVE EXISTING GUARDRAIL AND RAILING. PATCH AND REPAIR CONCRETE AS NEEDED TO PREPARE FOR NEW GUARDRAIL. CLEAN AND PREPARE EXISTING GUARDRAIL, RAILING AND STAIR STRINGERS FOR NEW PAINT. REMOVE EXISTING BUILDING NAME LETTERING ON BRICK. REPAIR AND SEAL EXTERIOR FACADE AS NEEDED. REMOVE ALL EXISTING CEILING TILES. GRID TO REMAIN EXCEPT IN SMALL SECTIONS THAT REQUIRE REMOVAL IN ORDER TO ACCESS PLUMBING AND ELECTRICAL ABOVE. ALL CEILING FIXTURES AND DEVICES TO REMAIN. REMOVE AND CAP ALL EXISTING ELECTRICAL TO A POINT WHICH WOULD NOT INTERFERE WITH NEW WORK. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION. PATCH FLOORS/WALLS AS REQUIRED TO MATCH EXISTING CONSTRUCTION TO REMAIN. REMOVE FENCE, GATES, AND FOOTINGS FOR EXTENTS SHOWN. PREPARE FOR NEW CONSTRUCTION. COORDINATE WITH LANDSCAPE DRAWINGS. REMOVE EXISTING EXTERIOR FRAME AND GLAZING AS REQUIRED FOR NEW CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH CANOPY INSTALLER FOR THE SCOPE OF BRICK REMOVAL REQUIRED TO ACCESS THE EXISTING STRUCTURE AS NEEDED. THAT CAMERAS ARE FULLY OPERATIONAL AND ARE ALIGNED WITH THE CORRECT VIEW. ADJUST CAMERA VIEWS AS REQUIRED. REMOVE EXISTING SPRINKLERS AS NOTED ON FIRE PROTECTION DRAWINGS. PATCH, REPAIR AND PREPARE SOFFIT AS NEEDED FOR NEW PAINT. SALVAGE AND RELOCATE ALL EXISTING LOW VOLTAGE ITEMS WITHIN CEILING. G.C. TO COORDINATE NEW LOCATIONS IN FIELD WITH ARCHITECT. **GENERAL DEMOLITION NOTES: DEMOLITION NOTE:** CONTRACTOR SHALL REMOVE ALL EXISTING WALL HUNG TUBE TV'S AND BRACKETS IN THEIR ENTIRETY. CONTRACTOR SHALL ASSUME ONE TV AND BRACKET PER CLASSROOM AND TWO TV'S AND BRACKETS IN THE LIBRARY MEDIA CENTER. CONTRACTOR SHALL CONTACT THE CITY OF CENTRAL FALLS FOR DISPOSAL AND PAY ANY CONSTRUCTION. AND ALL APPLICABLE FEES ASSOCIATED WITH SAID

DISPOSAL. CONTRACTOR SHALL PATCH AND PAINT

AREA.

EXISTING CMU OR DRYWALL TO MATCH SURROUNDING

MORE INFORMATION.

# **DEMOLITION NOTES FOR** HAZARDOUS MATERIALS

GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY IN EACH WORK AREA PRIOR TO COMMENCING WITH THEIR SCOPE OF WORK THAT THE ASBESTOS AND LEAD PAINT ITEMS THAT THEY ARE TO DISTURB DURING THEIR WORK HAVE BEEN PROPERLY ABATED AND/OR THEY HAVE COMPLIED WITH APPROPRIATE SECTIONS OF DESIGN SPECIFICATION FOR HANDLING OF SUCH MATERIALS. SHOULD THE GENERAL CONTRACTOR AND/OR SUBCONTRACTORS ENCOUNTER SUSPECT HAZARDOUS MATERIALS NOT IDENTIFIED THEY SHOULD BRING IT TO THE ATTENTION OF THE OWNER'S AGENT IMMEDIATELY. SECTIONS 13280 AND 01735 OF THE TECHNICAL SPECIFICATIONS DETAIL ALL ASBESTOS AND LEAD IDENTIFIED ON THE SITE AND SHOULD BE REFERRED TO PRIOR TO STARTING WORK.

21. RESTORE EXISTING CONSTRUCTION AND FINISHES BEYOND CONTRACT LIMITS WHERE DISTURBED BY CONTRACT WORK. 22. DEPICTION OF EXISTING SHELVES, SCREENS, ETC. IS ONLY A REPRESENTATION AND MAY NOT REFLECT THE ENTIRE SCOPE OF EXISTING ITEMS. CONTRACTOR SHALL VERIFY AND CONFIRM EXISTING ITEMS WITH THE ARCHITECT PRIOR TO DEMOLITION. ANY INFORMATION NOT SHOWN SHALL NOT BE THE BASIS OF A CLAIM BY THE CONTRACTOR. 23. WHERE EXISTING CONSTRUCTION IS INDICATED TO REMAIN, IT IS THE INTENT TO (RE)FINISH THE EXISTING CONSTRUCTION IN ITS ENTIRETY TO A LEVEL WHICH MATCHES NEW CONSTRUCTION WHETHER OR NOT SUCH WORK IS DIRECTLY REFERENCED IN CONTRACT DOCUMENTS. REFER TO CONSTRUCTION DOCUMENTS FOR MORE INFORMATION.

16. EXISTING PLANS ARE PROVIDED FOR DIAGRAMMATIC PURPOSES ONLY. VERIFY EXISTING CONDITIONS AND REPORT DISCREPANCIES TO ARCHITECT PRIOR TO COMMENCING CONTRACT WORK. ACCOMPLISH ALL WORK NECESSARY TO PERMIT THE COMPLETION OF CONTRACT WORK WHETHER OR NOT SUCH WORK IS DIRECTLY REFERENCED IN CONTRACT DOCUMENTS. 17. CORE HOLES AS REQUIRED THROUGH EXISTING ROOF AND FLOOR DECKS FOR NEW PIPES. SEE PLUMBING DRAWINGS FOR PIPE SIZES AND LOCATION. 18. PROVIDE NEW OPENING THROUGH THE EXISTING ROOF AND FLOOR DECKS TO RECEIVE NEW EQUIPMENT. SEE MECHANICAL DRAWINGS. 19. REFER TO DOOR SCHEDULE FOR ADDITIONAL (IF ANY) DEMOLITION WORK ON DOORS AND/OR DOOR FRAMES THAT ARE NOT INDICATED ON PLANS. 20. WHERE EXISTING CONSTRUCTION IS INDICATED TO BE REPLACED IT IS THE INTENT TO REMOVE THE EXISTING CONSTRUCTION IN ITS ENTIRETY AS INDICATED ON THE DRAWINGS. REFER TO CONSTRUCTION DOCUMENTS FOR

12. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS. 13. COORDINATE WITH THE OWNER ANY ITEMS TO BE REMOVED AND RETURNED TO THE OWNER. 14. REMOVE AND PROPERLY DISPOSE OF ALL LOOSE ITEMS LEFT BEHIND, NOT IDENTIFIED TO BE TURNED OVER TO THE OWNER. (I.E. FURNITURE, BOOKS, COMPUTERS, TVS). 15. MAINTAIN EXISTING REQUIRED EXIT WAYS AND ESTABLISH TEMPORARY EXIT WAY SIGNAGE WHERE NECESSARY TO DIRECT OCCUPANTS. PROVIDE TEMPORARY FIRE RATED ENCLOSURES WHEN WORK REQUIRING OPENING AND FIRE RATED PARTITIONS IS IN PROGRESS.

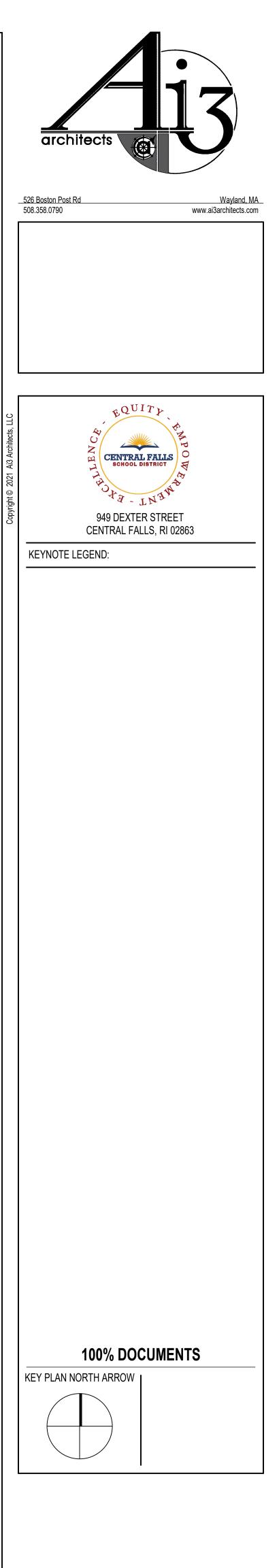
8. SEE PLUMBING DRAWINGS FOR REMOVAL OF PLUMBING FIXTURES. PATCH EXISTING WALLS TO REMAIN TO MATCH EXISTING AND AS REQUIRED FOR APPLICATION OF NEW FINISH MATERIALS. SEE FINISH SCHEDULE. 9. ALL EXISTING STRUCTURAL COLUMNS TO REMAIN UNLESS OTHERWISE NOTED. 10. GENERAL CONTRACTOR SHALL COORDINATE THE EXTENT OF DEMOLITION WITH PROPOSED WORK WITH OWNER. 11. SELECTIVE DEMOLITION: ALL ITEMS DESIGNATED FOR DEMOLITION ARE SUBJECT TO SELECTIVE DEMOLITION. REFER TO CONSTRUCTION DRAWINGS FOR THE EXTENT OF DEMOLITION AND WHERE EXISTING ITEMS TO REMAIN ARE SUBJECT TO NEW CONSTRUCTION AND OR REFINISHING.

4. UNLESS OTHERWISE NOTED, REMOVE WOOD TRIM, MAP RAILS, ADJUSTABLE SHELVING, BASEBOARDS AND OTHER OBSTRUCTIONS, WHICH WOULD INTERFERE WITH NEW WORK. PATCH WALLS TO MATCH EXISTING. . UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING CEILING MATERIALS AS REQUIRED FOR INSTALLATION OF NEW CEILINGS, MECHANICAL, ELECTRICAL, FIRE PROTECTION AND/OR PLUMBING WORK. GC TO DETERMINE EXTENT OF CEILING DEMOLITION. ITEMS TO BE DEMOLISHED MAY INCLUDE BUT ARE NOT LIMITED TO LATH, FURRING, PLASTER, ACOUSTICAL TILE AND ASSOCIATED MATERIALS AND ASSOCIATED SUSPENSION SYSTEM. . PROVIDE ALL TRENCHING AT EXISTING SLABS FOR ELECTRICAL, PLUMBING, MECHANICAL AND OTHER UTILITIES AS REQUIRED FOR DEMOLITION OF EXISTING UTILITIES AND INSTALLATION OF NEW WORK. . AT WALLS SCHEDULED TO BE REMOVED BY GC, GC SHALL REMOVE ALL ELECTRICAL DEVICES. FOR DISCONNECTING AND CAPPING OF LINES AND DEMOLITION OF OTHER ELECTRICAL DEVICES, PLEASE SEE ELECTRICAL DRAWINGS.

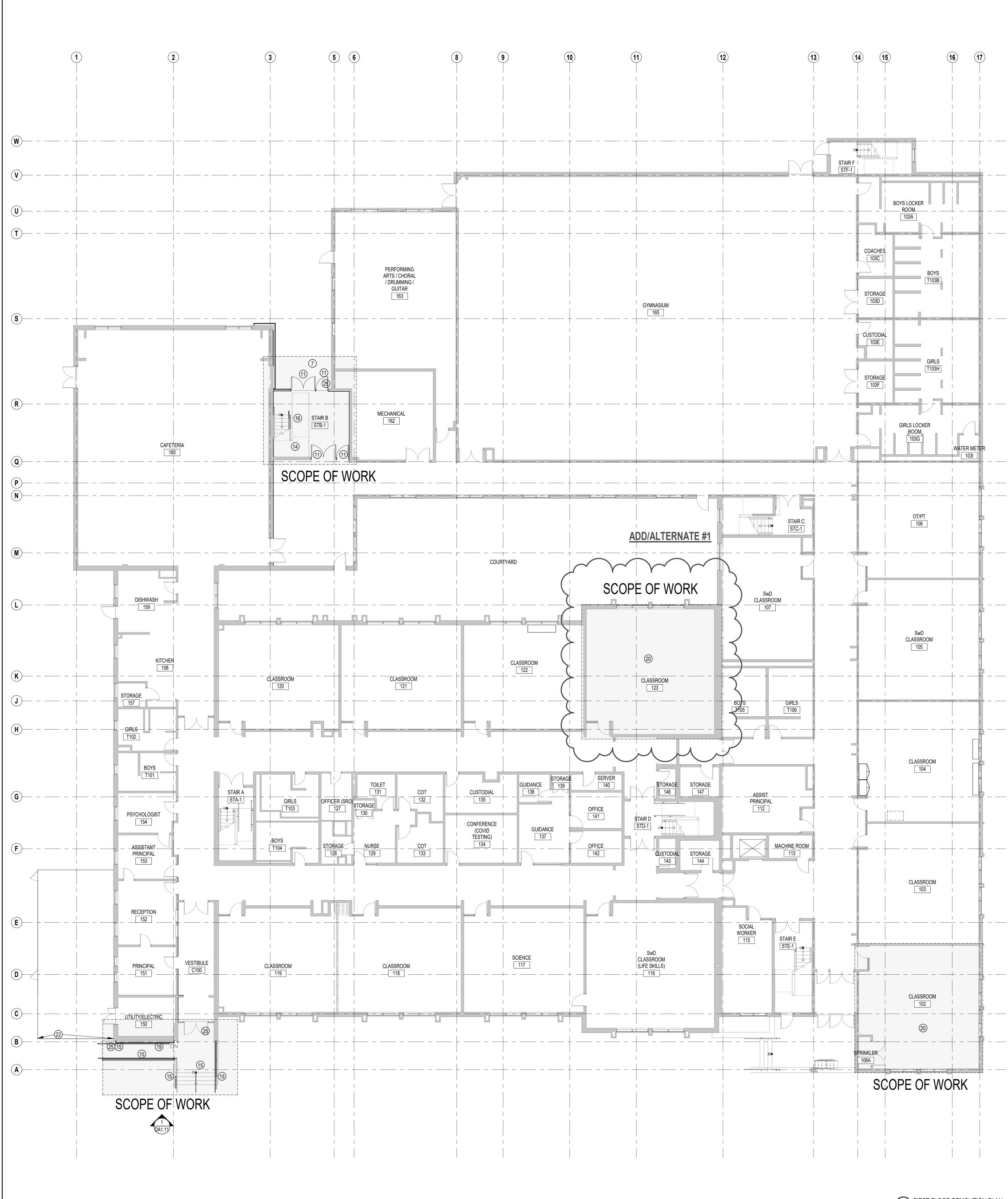
ITEMS TO BE DEMOLISHED INCLUDE BUT ARE NOT LIMITED TO REMOVAL OF INDICATED INTERIOR/EXTERIOR WALLS AND PARTITIONS, WALL MOUNTED CABINETS, FIRE EXTINGUISHERS, MECHANICAL EQUIPMENT, CASE WORK, TACK BOARD AND CHALK BOARDS UNLESS INDICATED AS EXISTING CONSTRUCTION TO REMAIN OR BE RELOCATED ON DRAWINGS AND/OR SCHEDULES. PRIOR TO THE REMOVAL OF STRUCTURAL WALLS, BEAMS, LINTELS AND OTHER ITEMS, IDENTIFY SAME AND PROPERLY SHORE AND BRACE AS REQUIRED KEEPING THE STRUCTURAL INTEGRITY OF THE BUILDING. SEE SPECIFICATIONS. AREAS AND METHODS OF MAKING NEW PENETRATIONS AND MODIFICATIONS AT EXISTING STRUCTURE SHALL BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO PERFORMING THE WORK. 3. GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY WEATHER AND THERMAL PROTECTION TO EXPOSED CAVITIES, INTERIOR SPACES AND ALL OTHER AREAS NORMALLY SHELTERED FROM WEATHER DURING

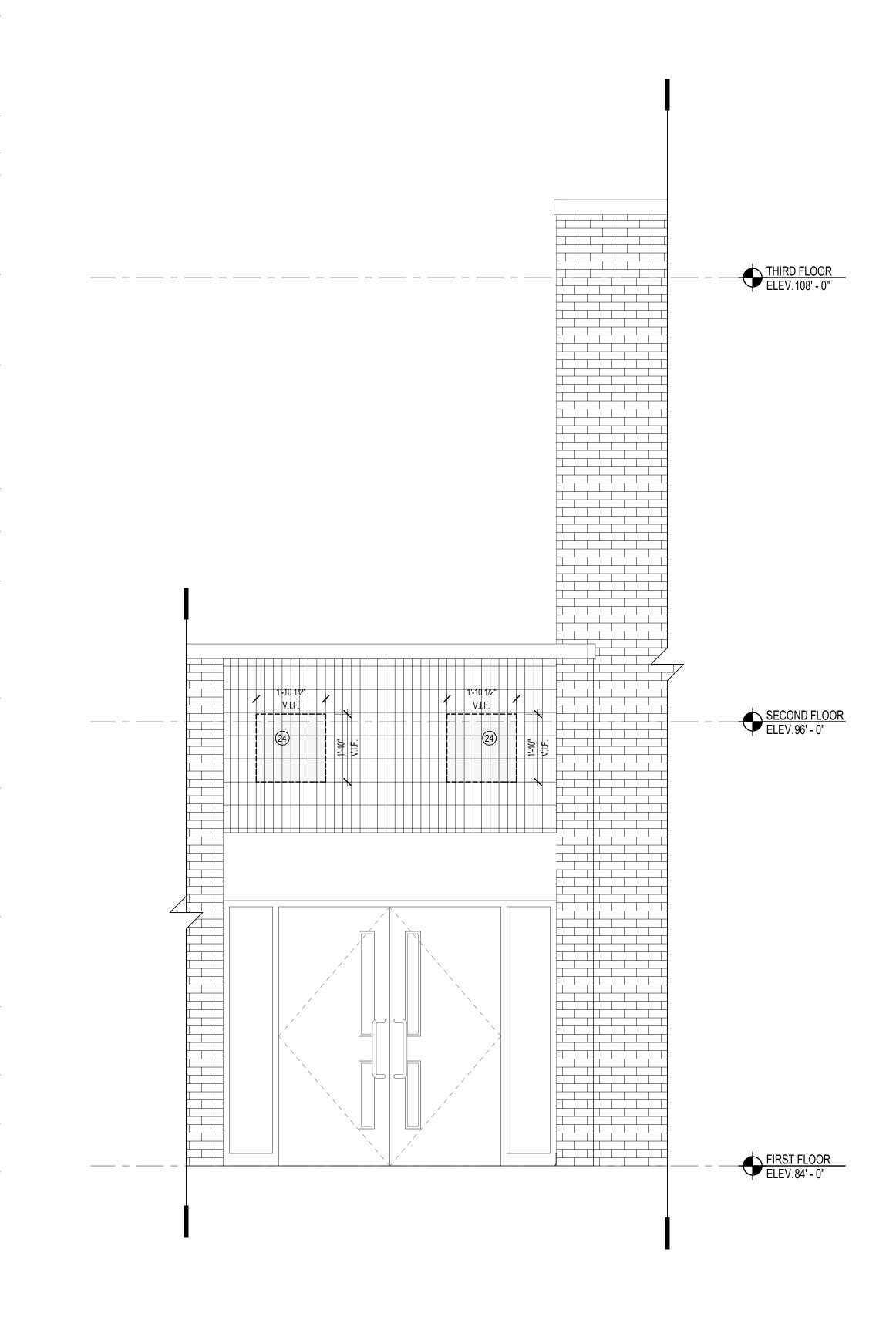
ELECTRICAL CONTRACTOR TO REMOVE EXISTING CAMERAS, ACCESSORIES, MOUNTS, CONDUIT, AND SURFACE MOUNT BOXES AND STORE ALL COMPONENTS IN A SAFE AND DRY LOCATION UNTIL WALL RENOVATION IS COMPLETE. SALVAGE EXISTING 360 DEGREE CAMERA TO BE REINSTALLED, AND DISPOSE OF EXISTING DOME CAMERA. PROTECT CABLING BY PULLING CABLING BACK INTO BUILDING AFTER COMPONENT REMOVAL. ANY POWER CABLES TO THE CAMERAS ARE REMOVED, AND RECONNECTED WHEN CAMERAS ARE REINSTALLED. AFTER CAMERA REINSTALLATION, ENSURE, BY COORDINATING WITH OWNER,

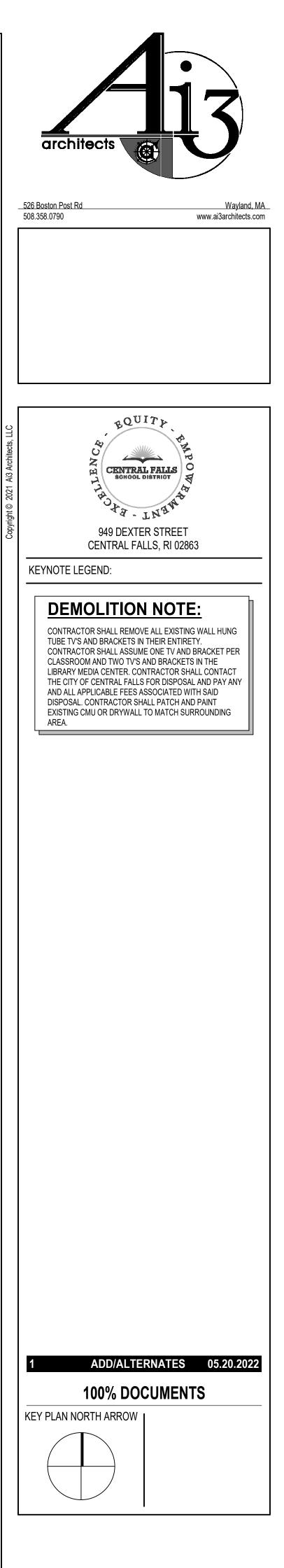
SCHEDULED DEMOLITION NOTES

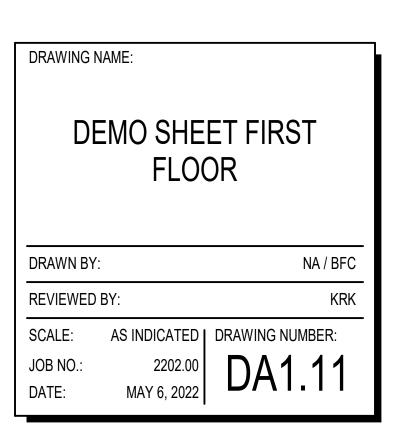


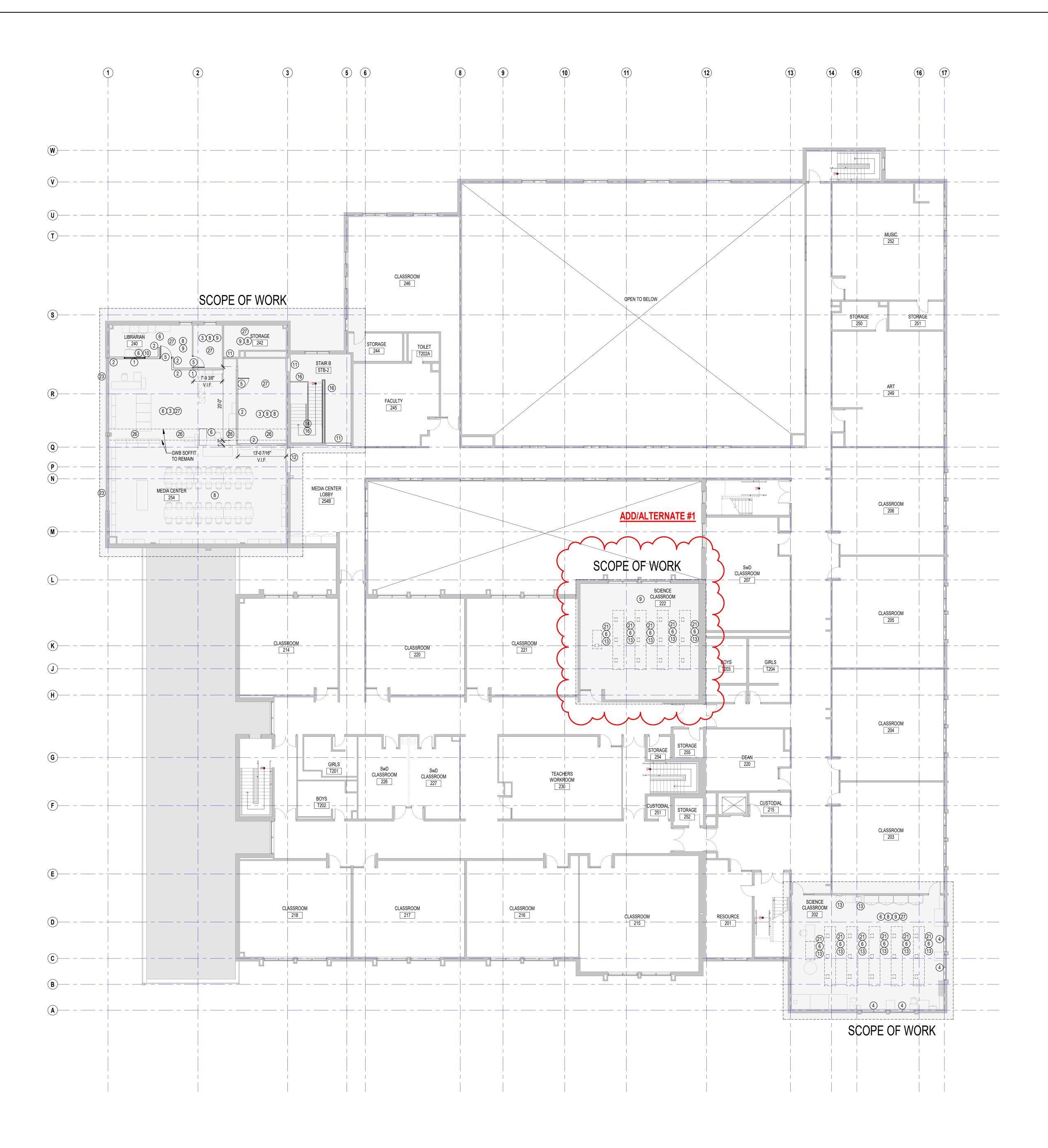
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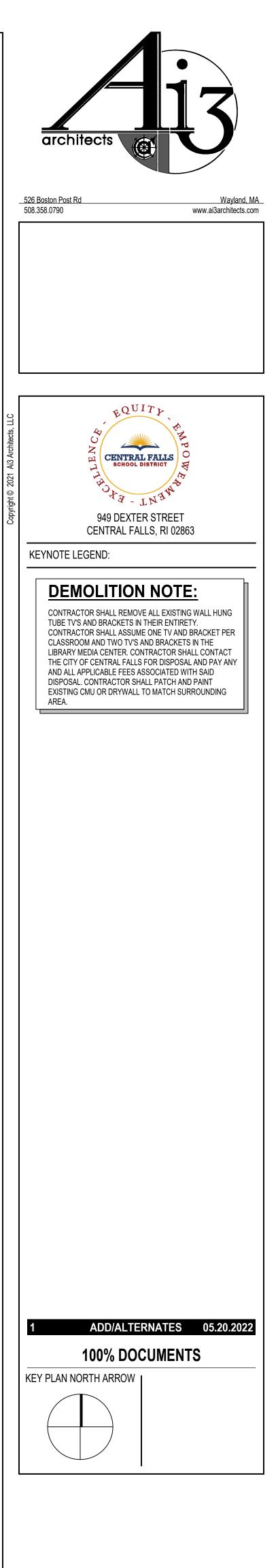








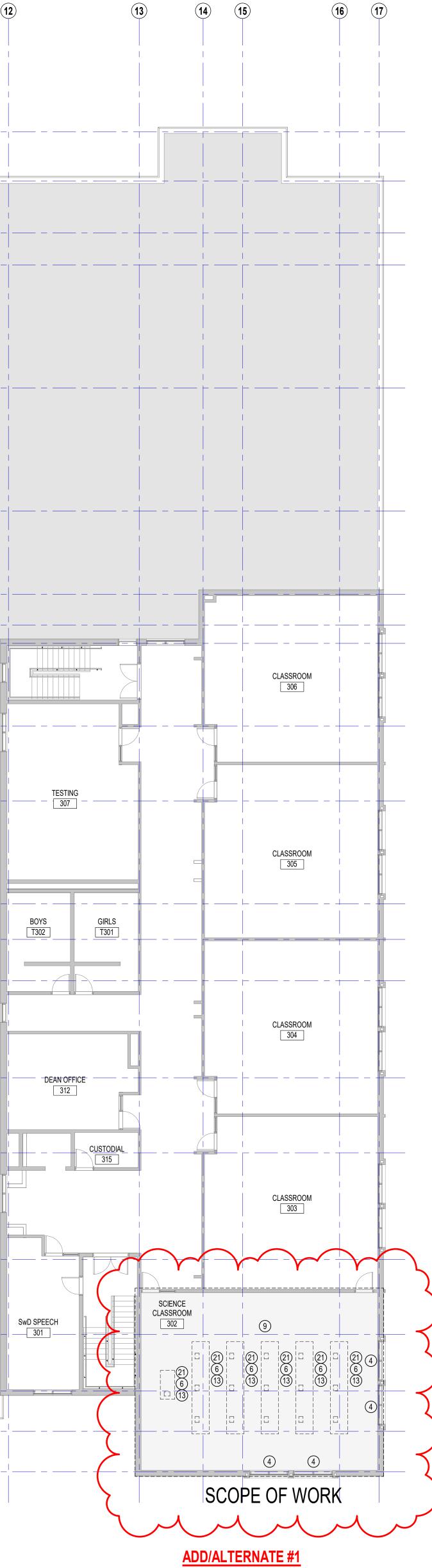


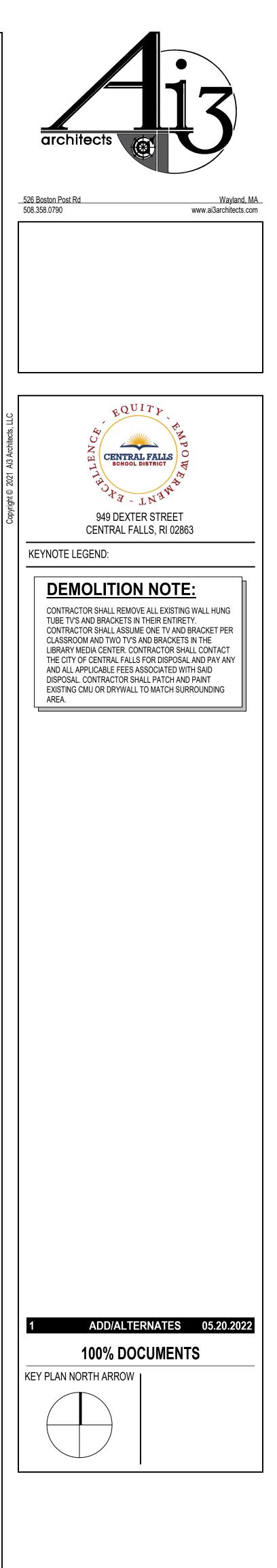


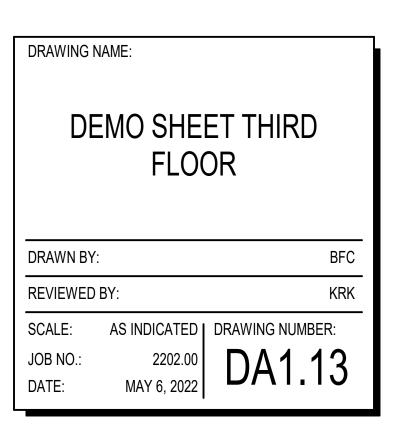
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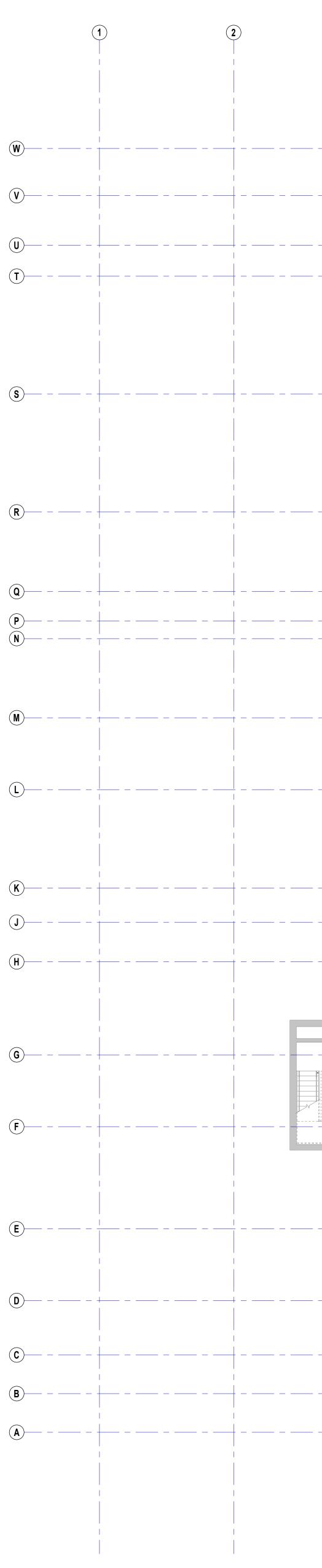
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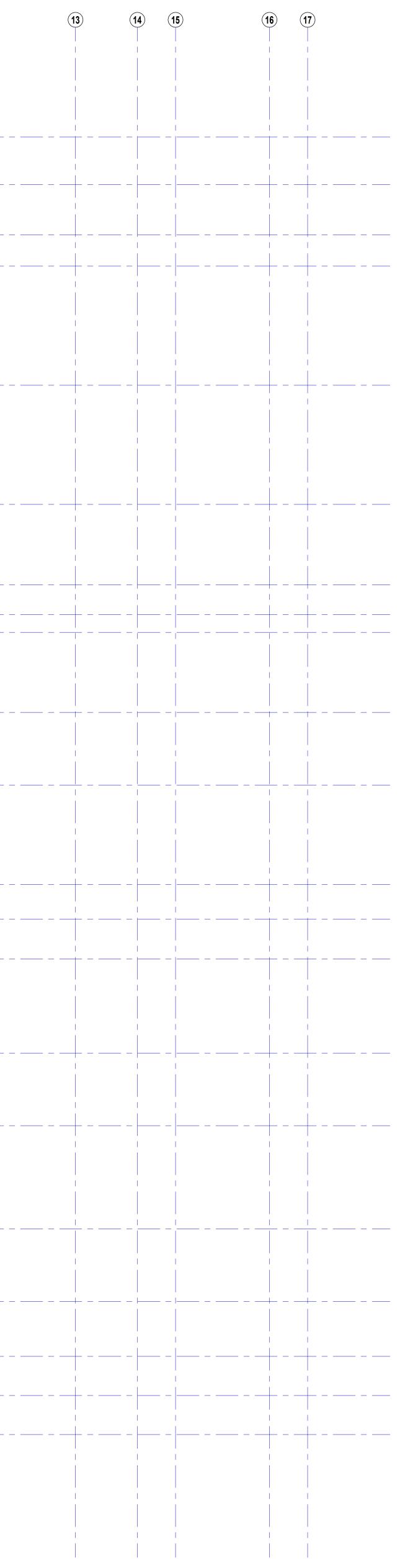




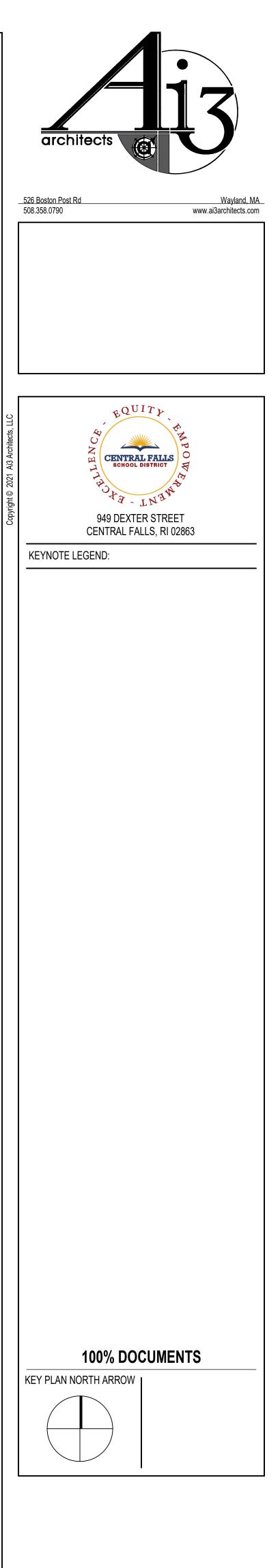


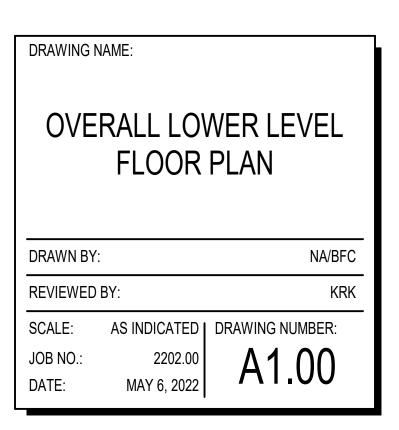


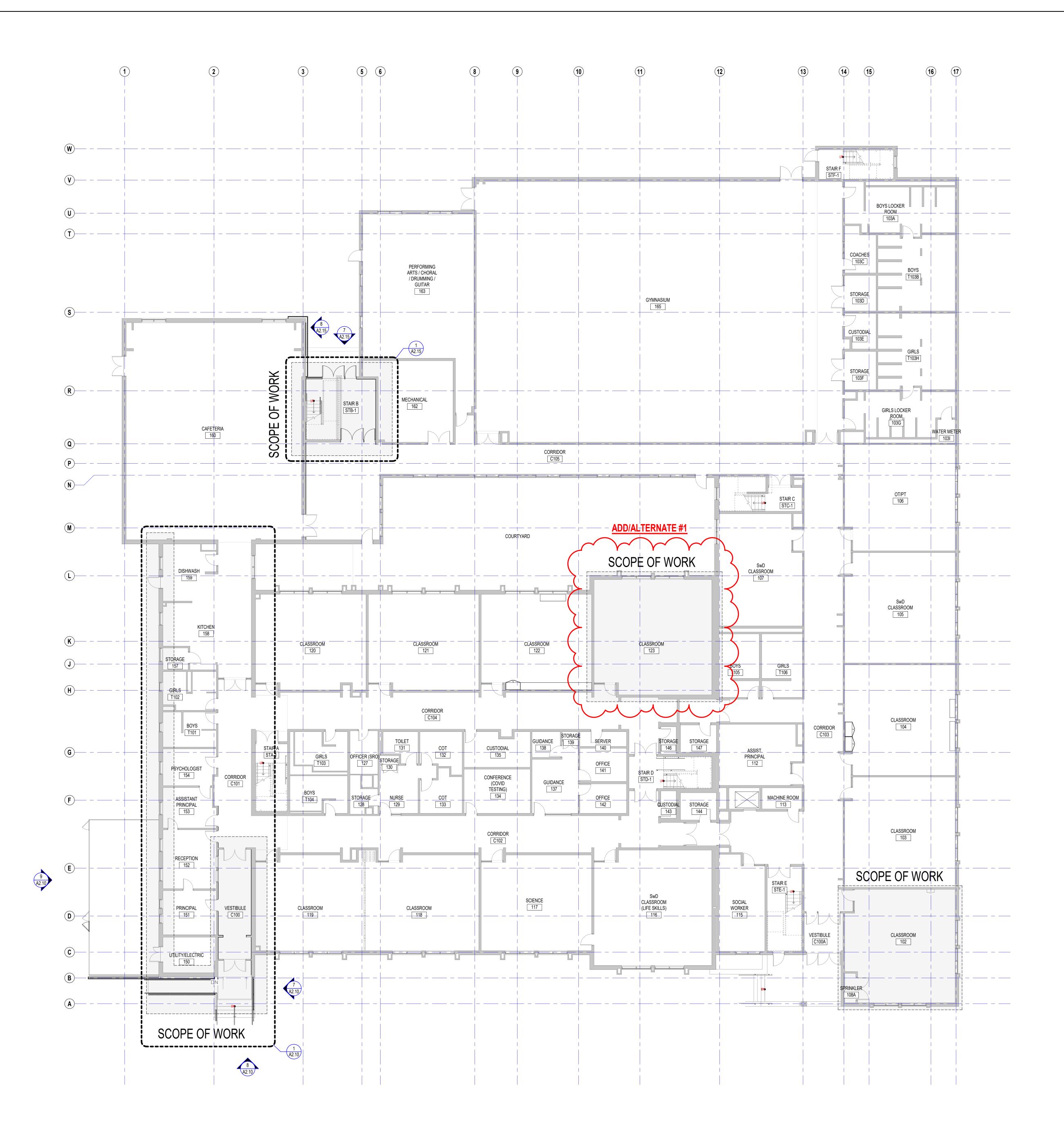
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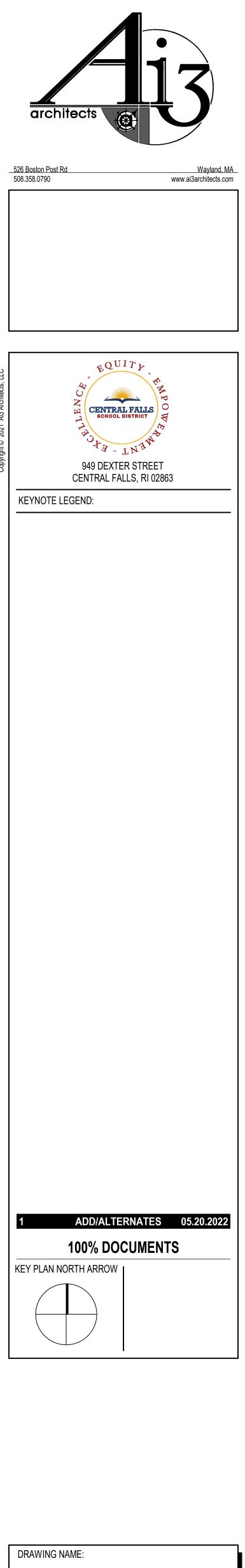
1 LOWER LEVEL: OVERALL FLOOR PLAN

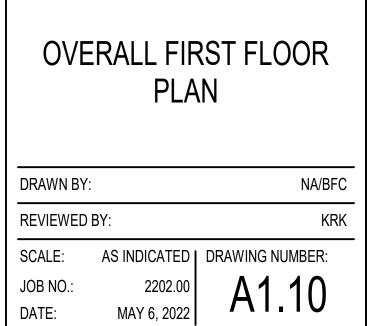


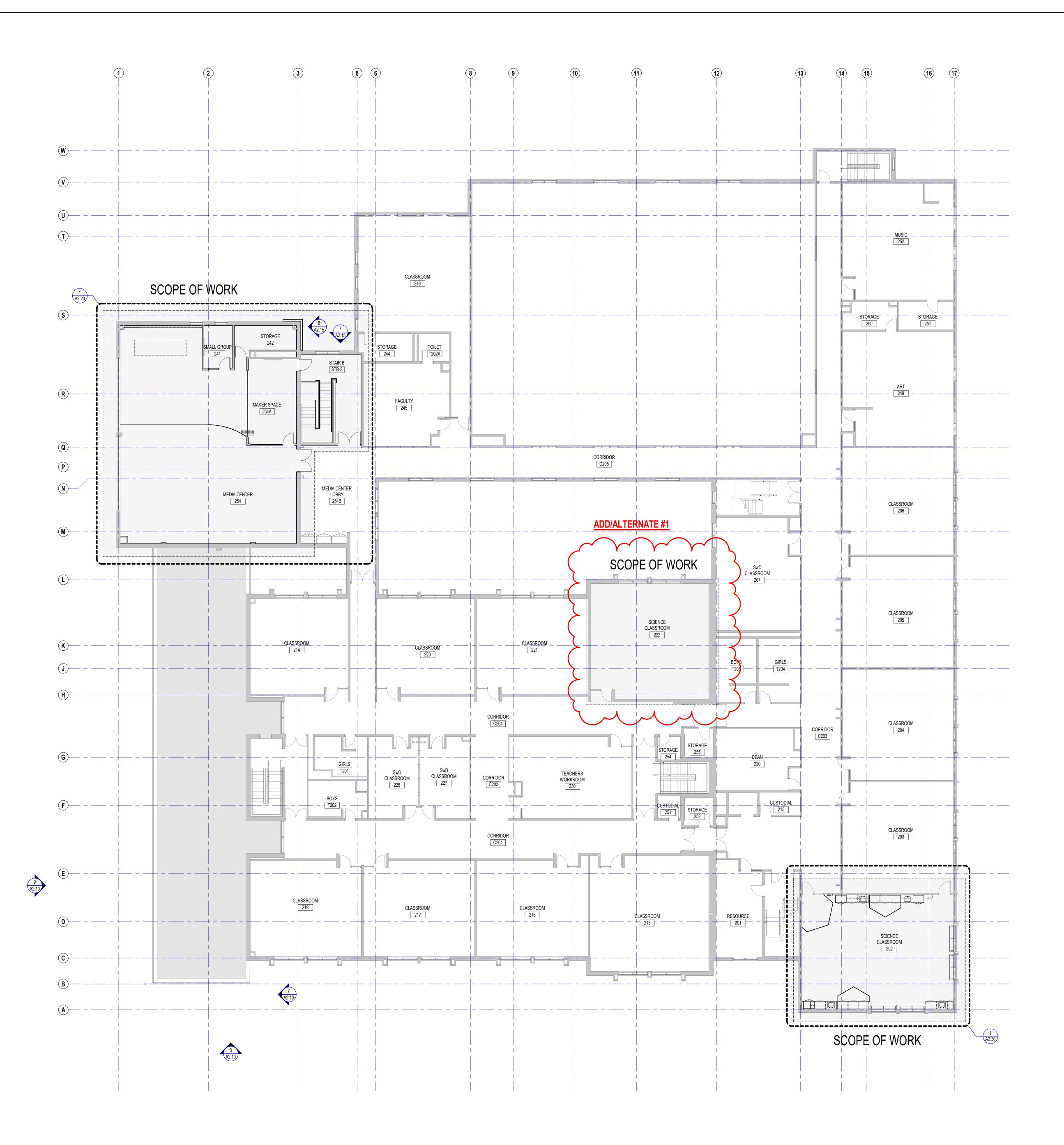




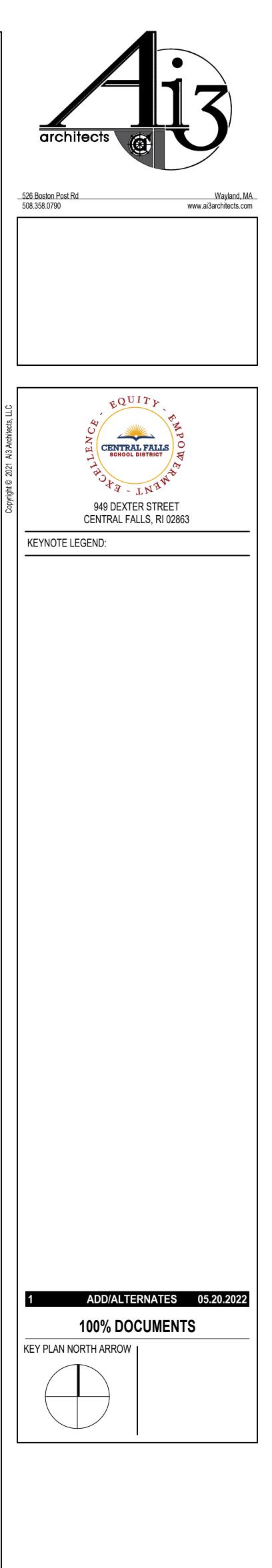
1 FIRST FLOOR: OVERALL FLOOR PLAN 3/32" = 1'-0"

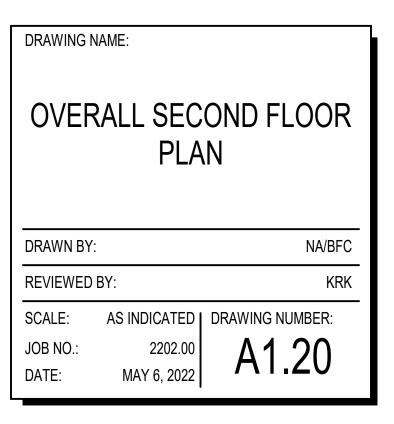


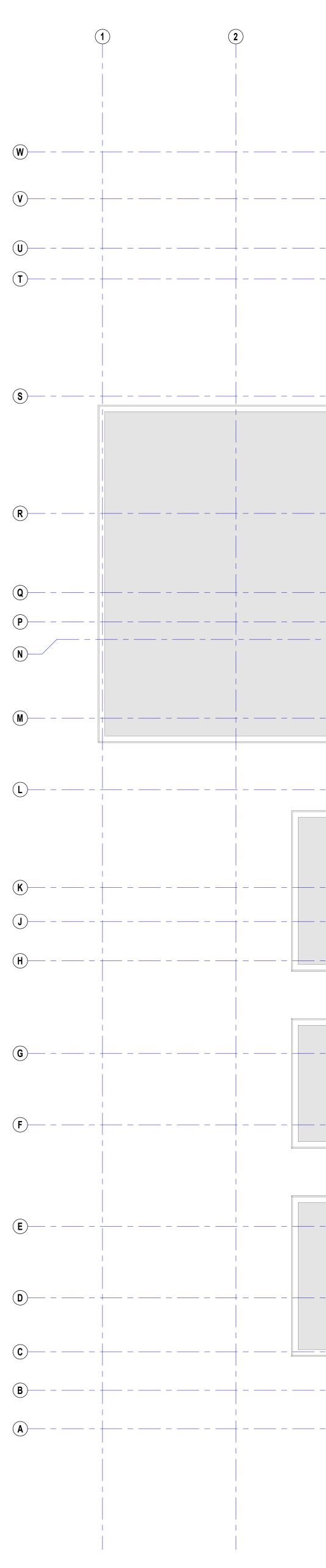




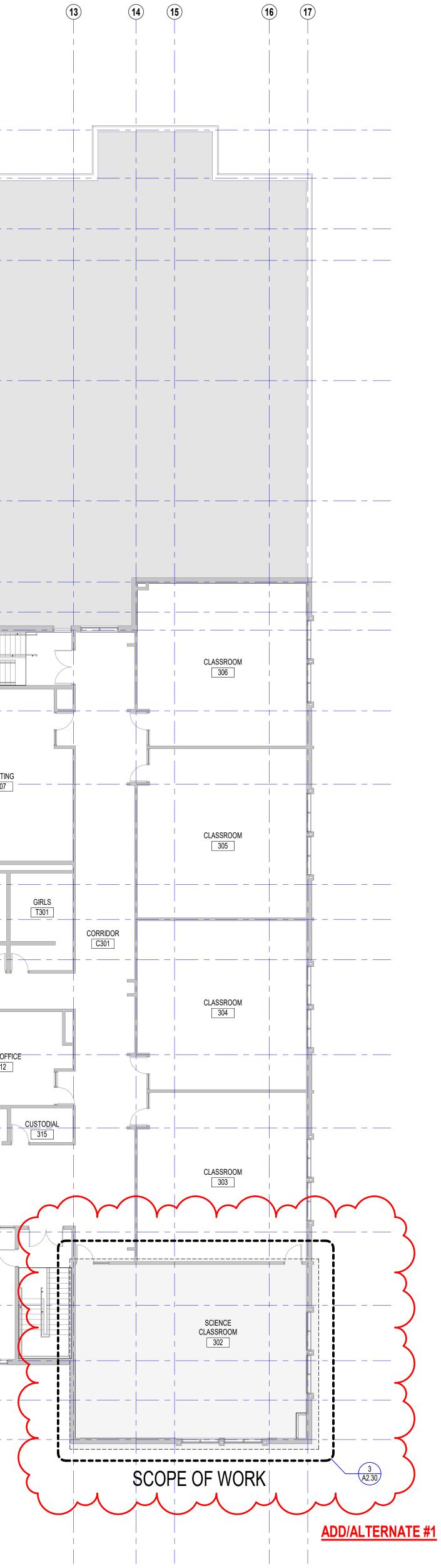
1 SECOND FLOOR: OVERALL FLOOR PLAN



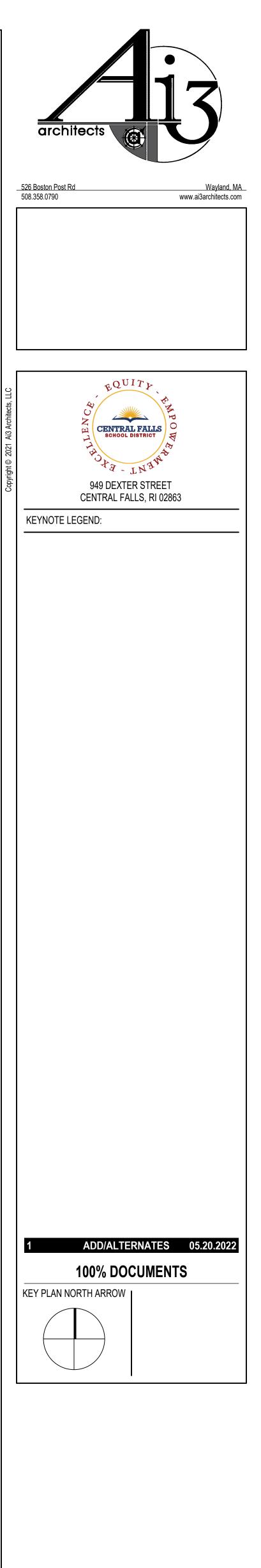




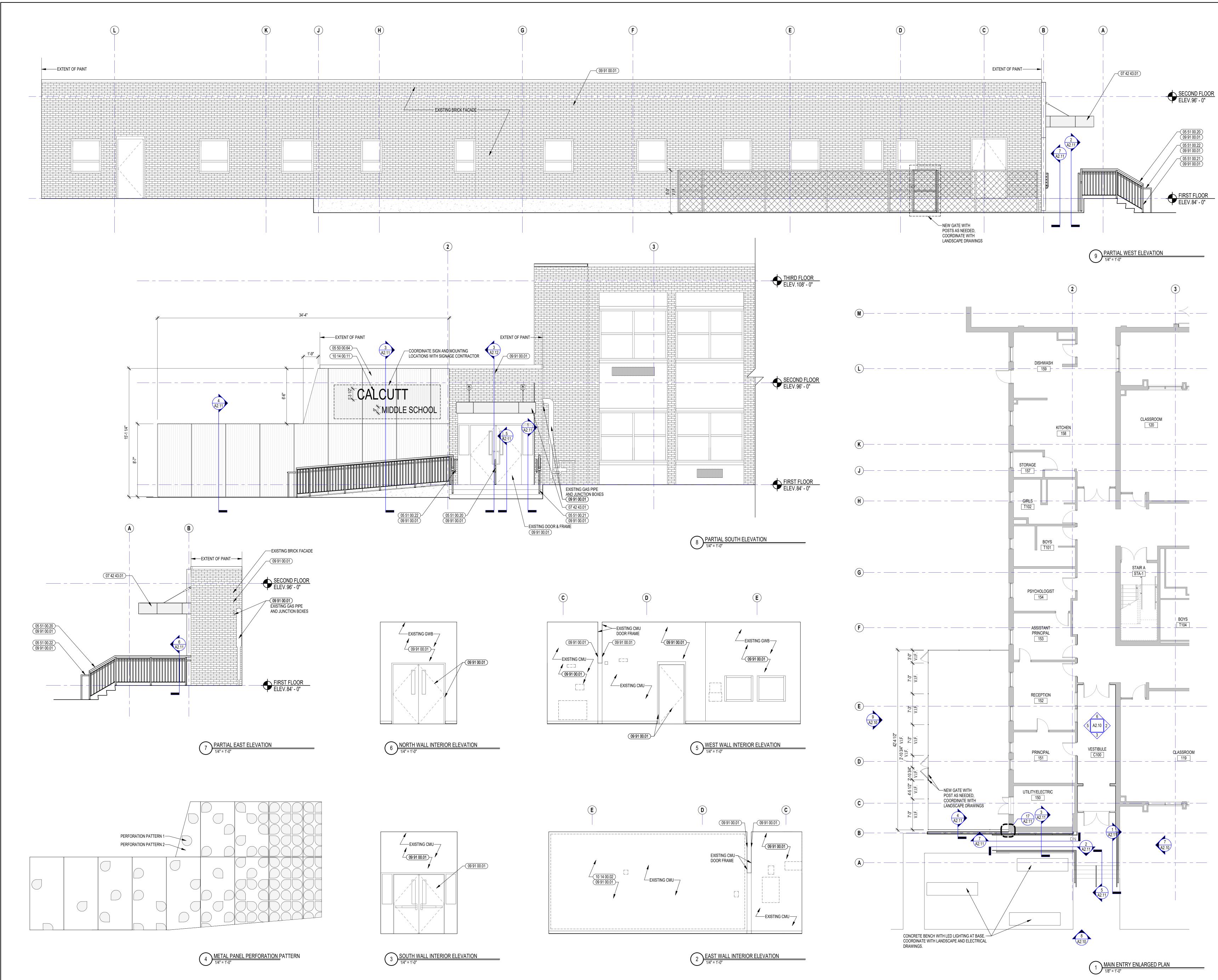
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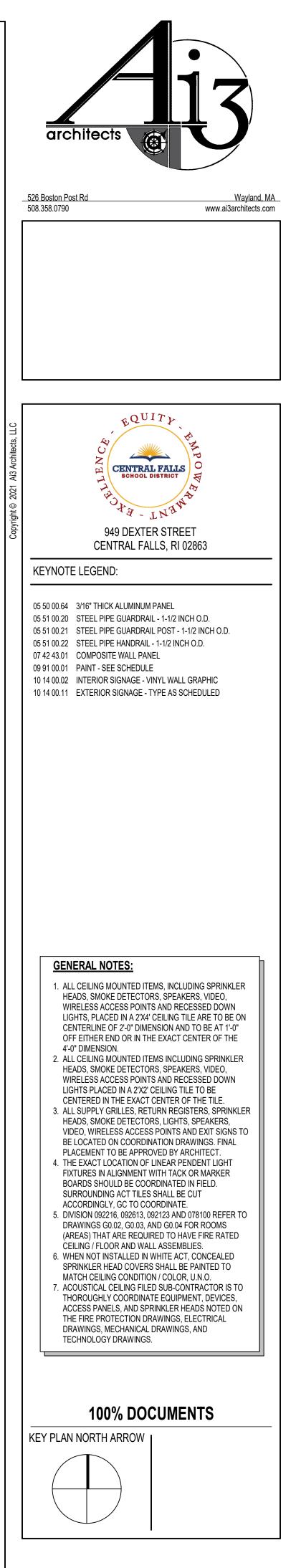


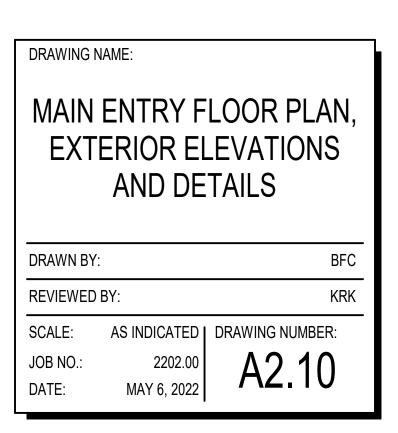
1 THIRD FLOOR: OVERALL FLOOR PLAN

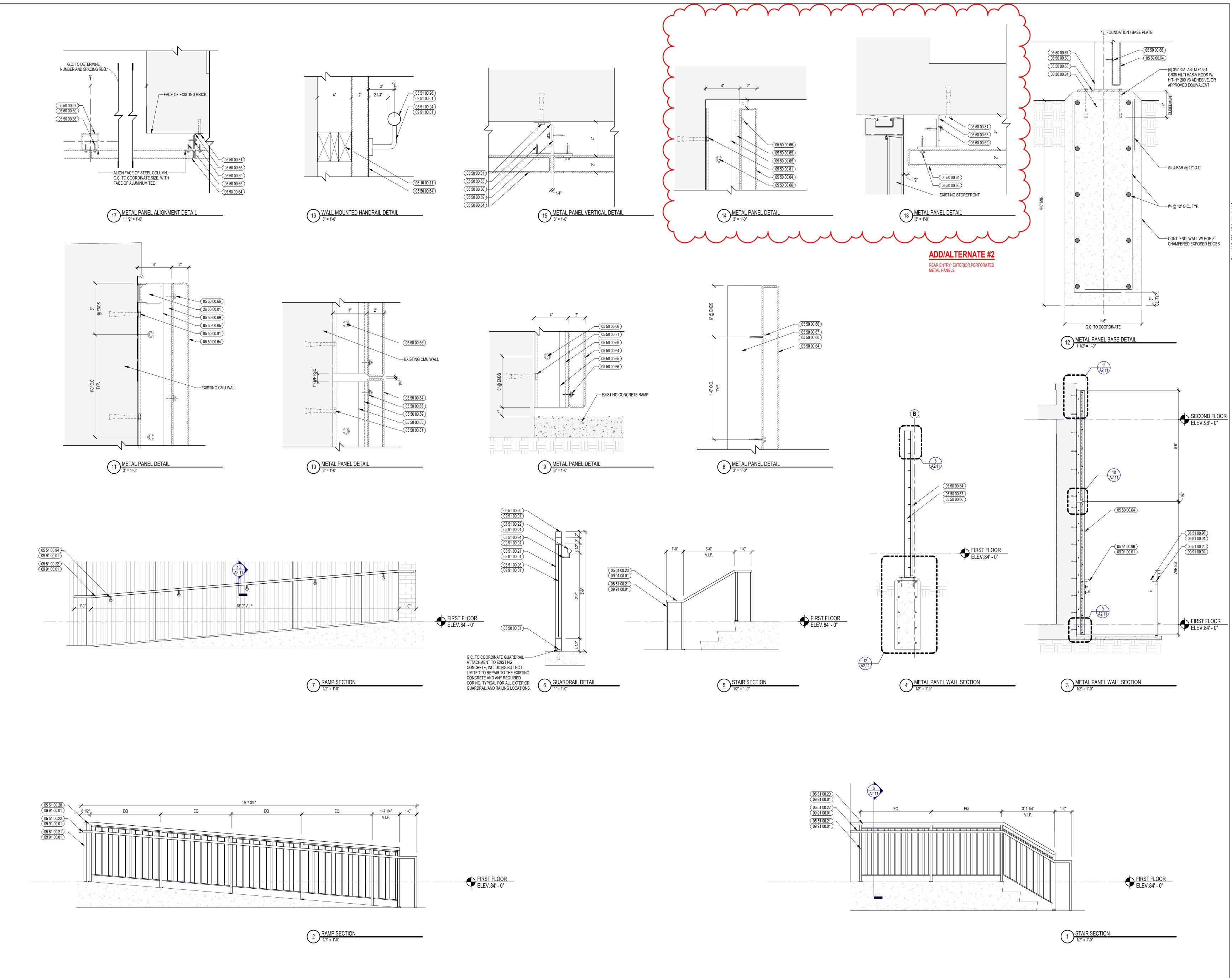


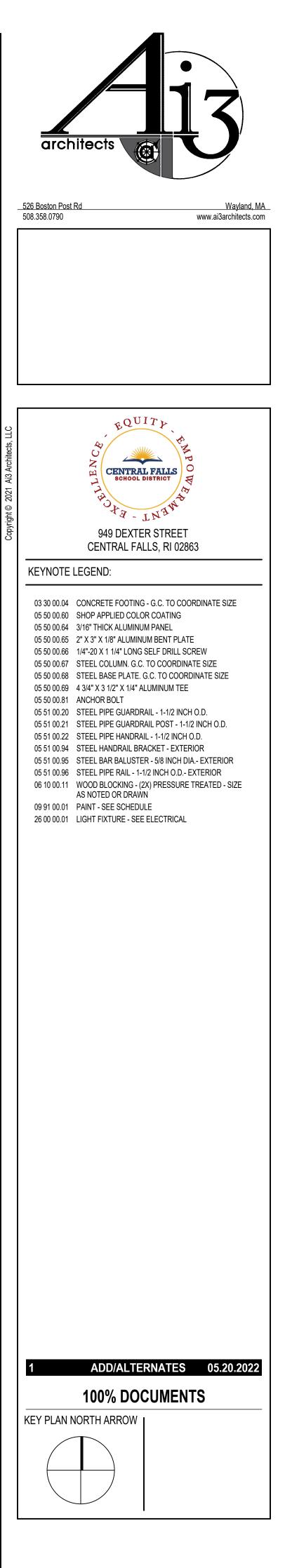


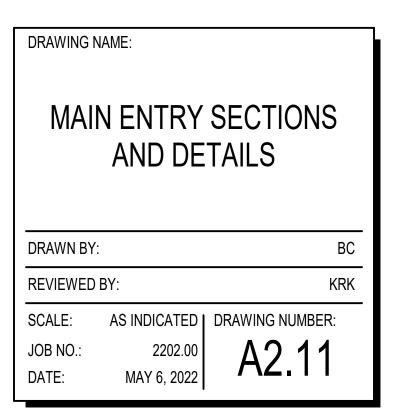


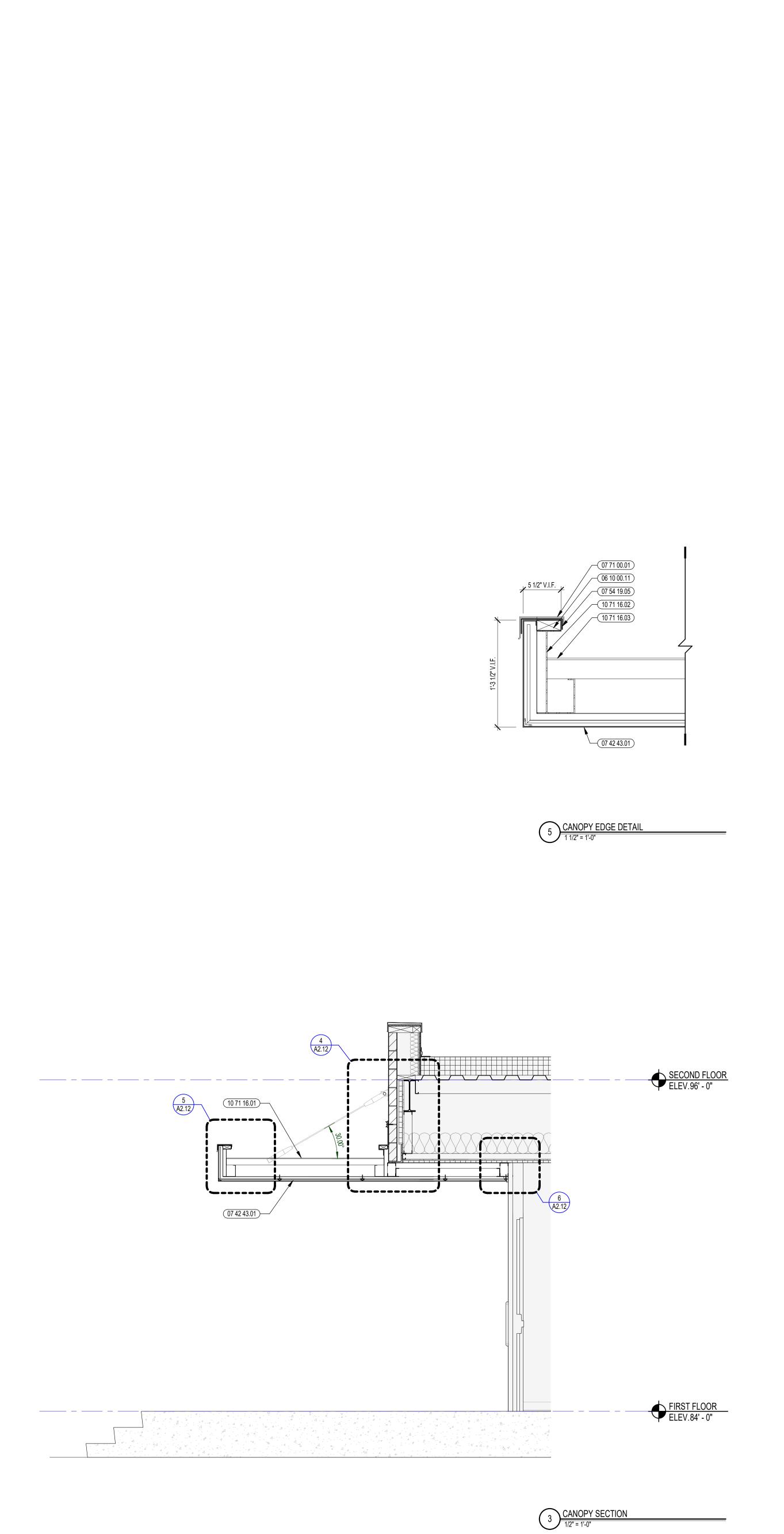


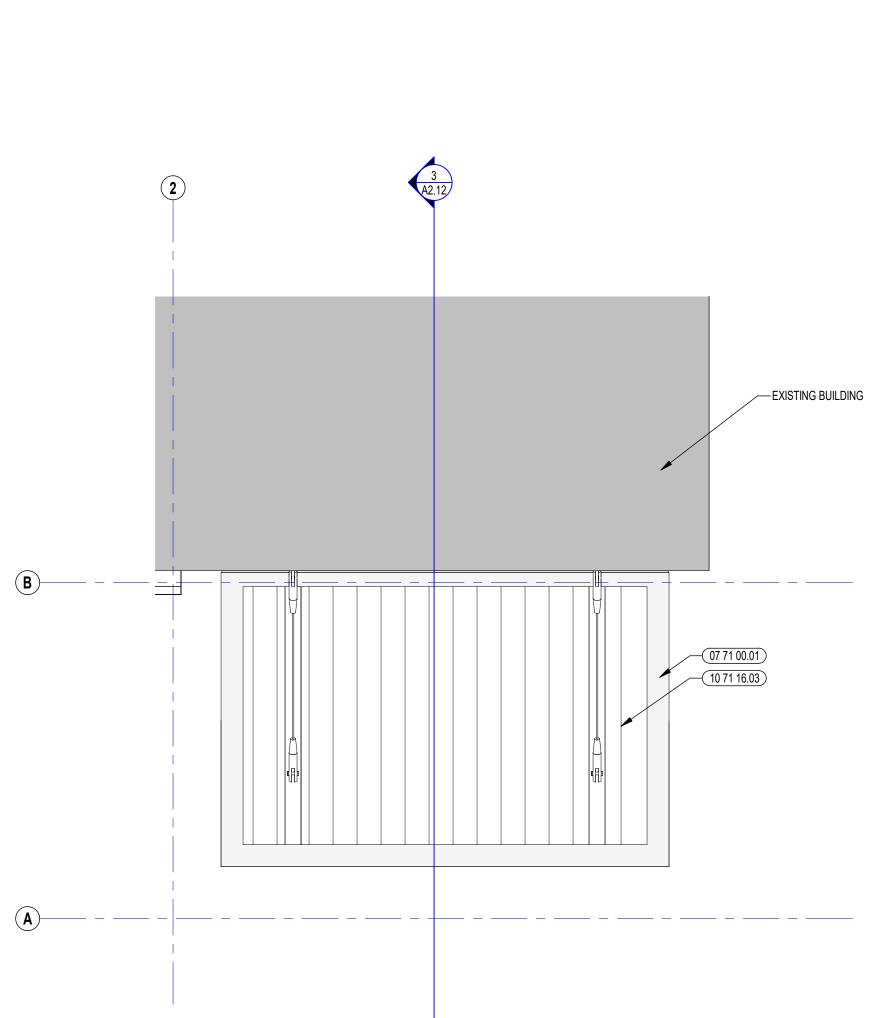










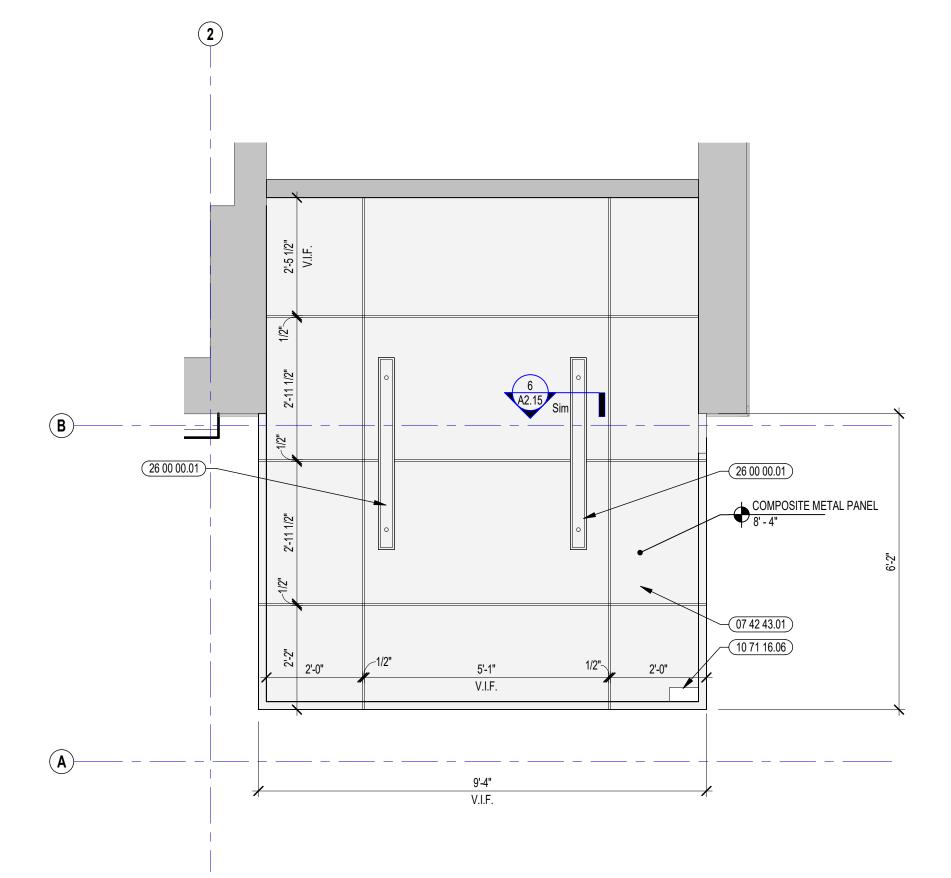


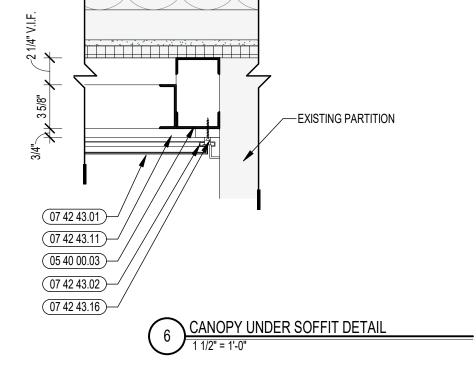
EXISTING BRICK (10 71 16.04) 10 71 16.05 07 54 19.16 07 54 19.15 07 54 19.05 07 92 00.02 06 10 00.11)-07 42 43.15 --/ 07 42 43.16 --/ 07 42 43.02 --/ 07 42 43.01 --/

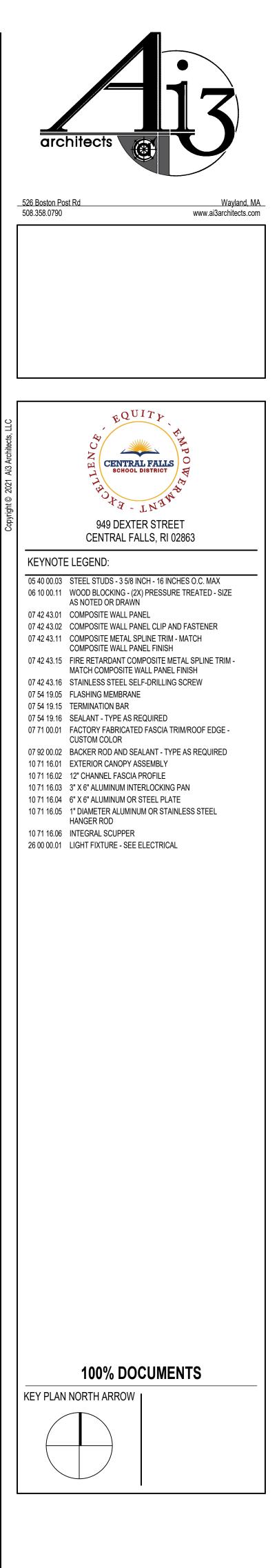
4 CANOPY TIE ROD CONNECTION DETAIL

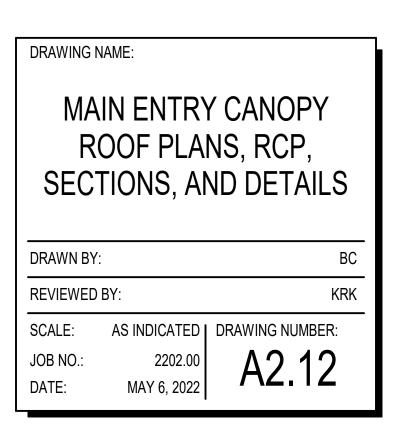
2 CANOPY ROOF PLAN 1/2" = 1'-0"

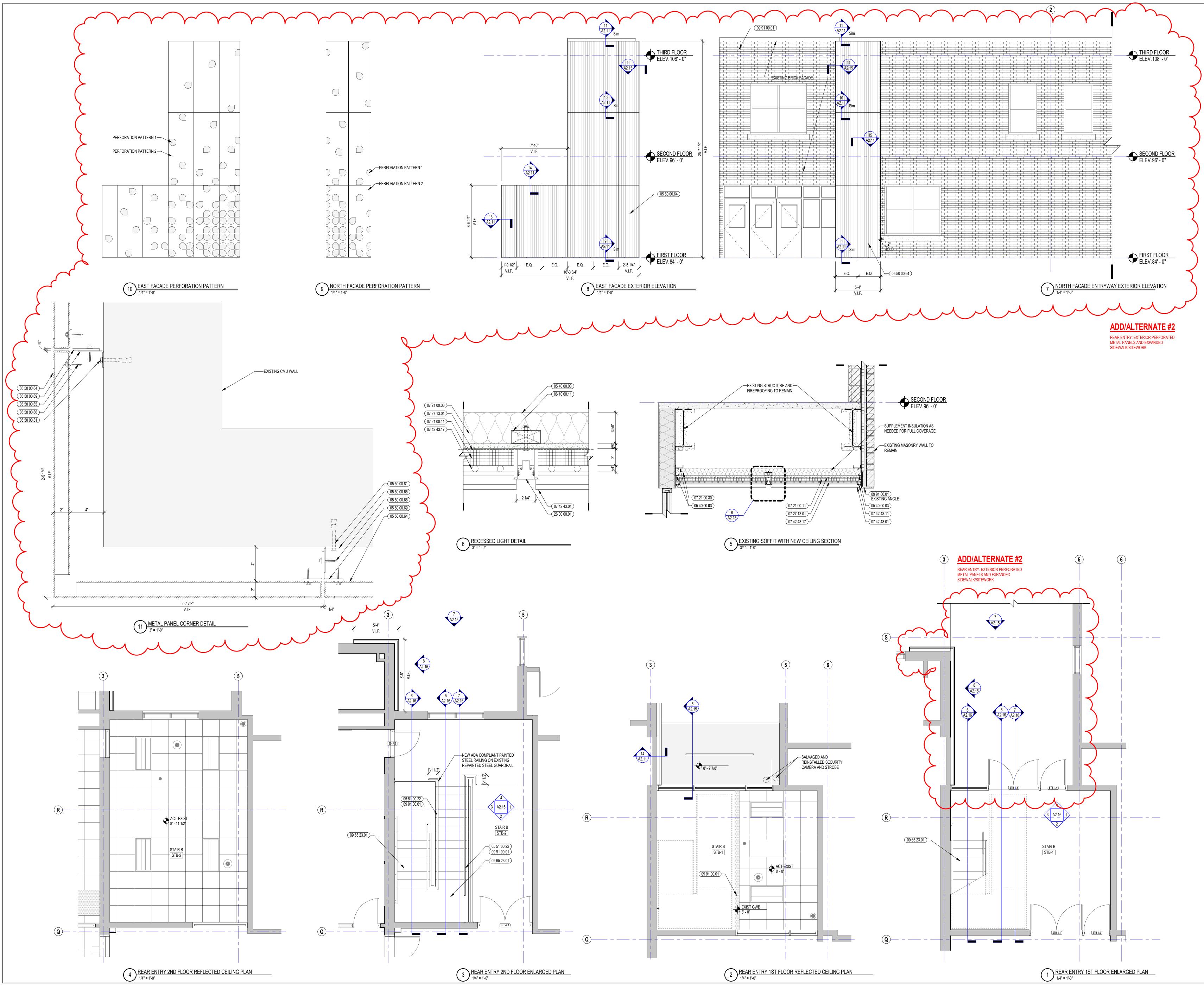
1 CANOPY REFLECTED CEILING PLAN 1/2" = 1'-0"

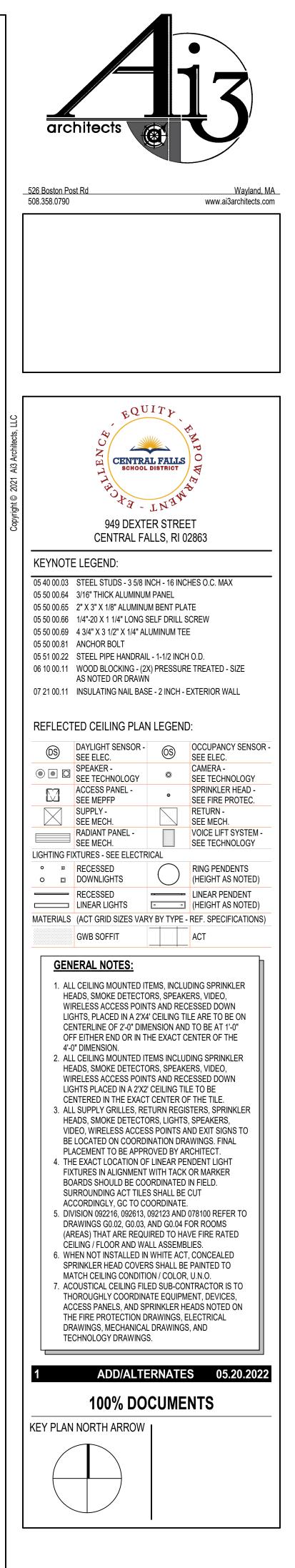


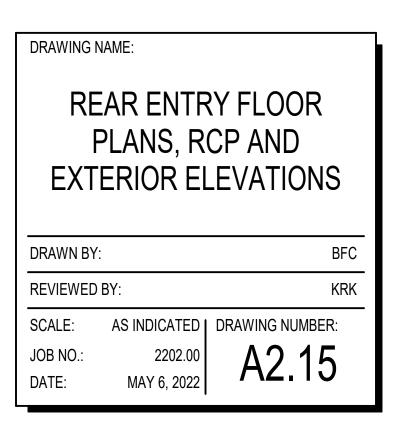


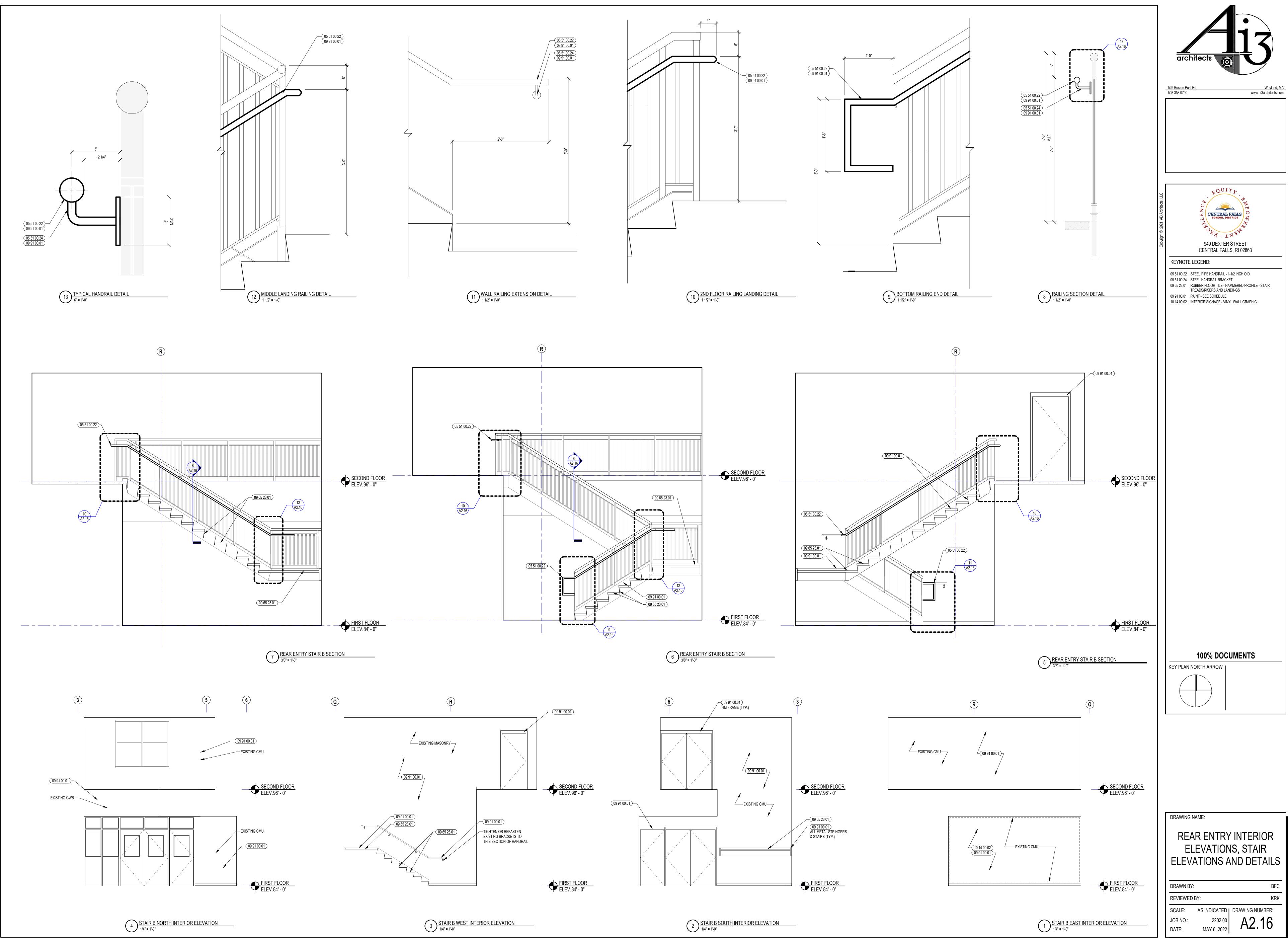




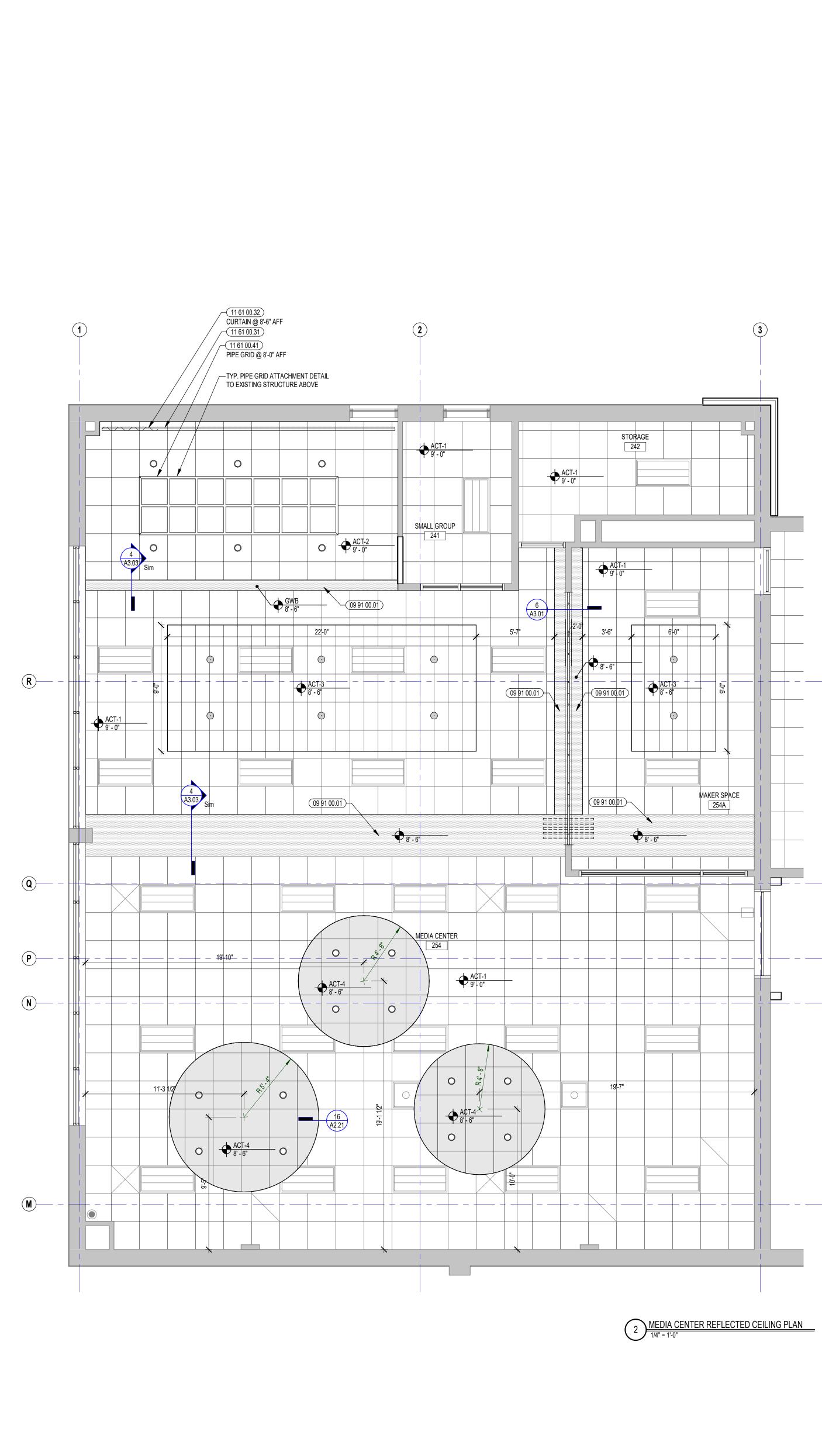


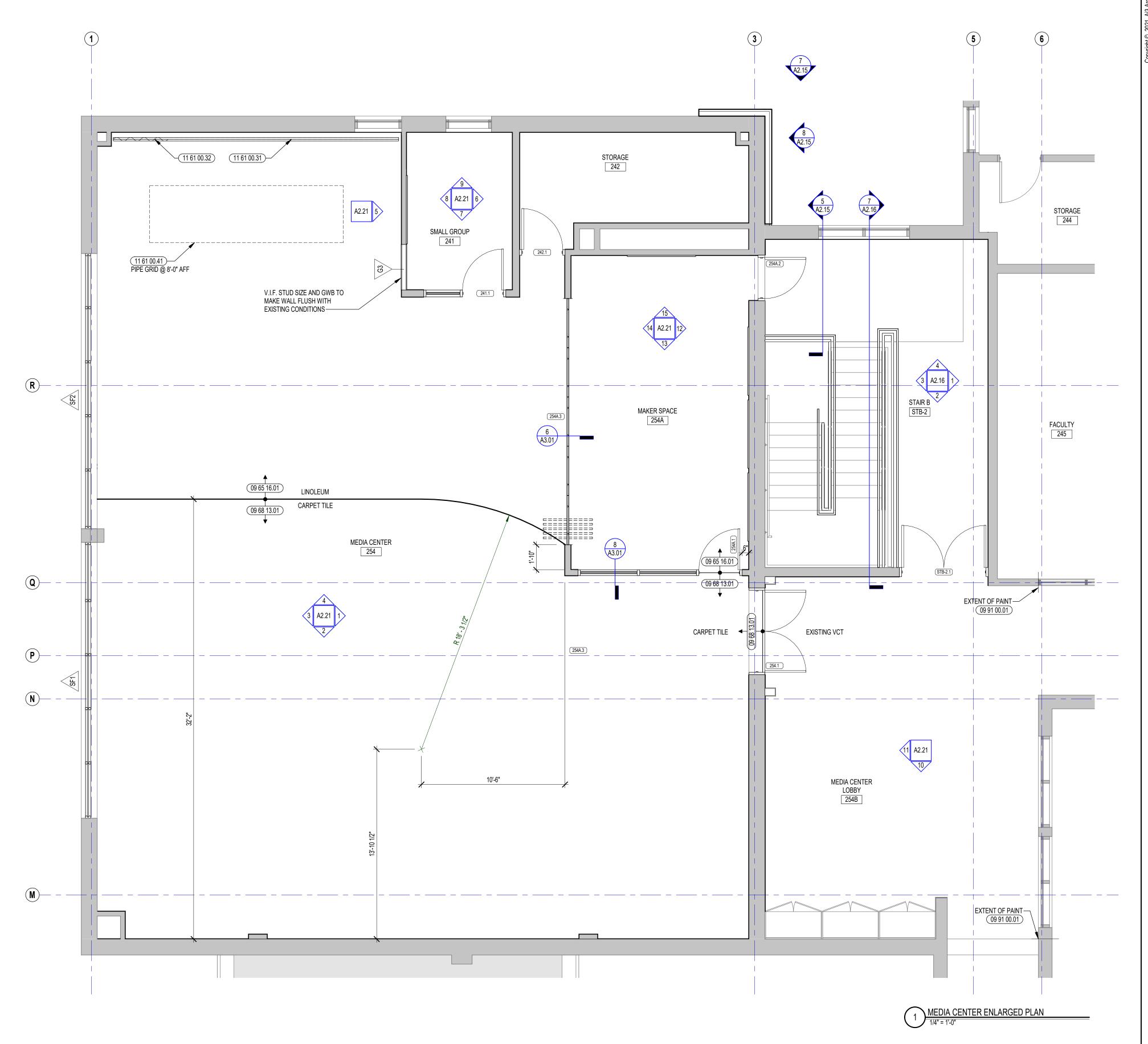


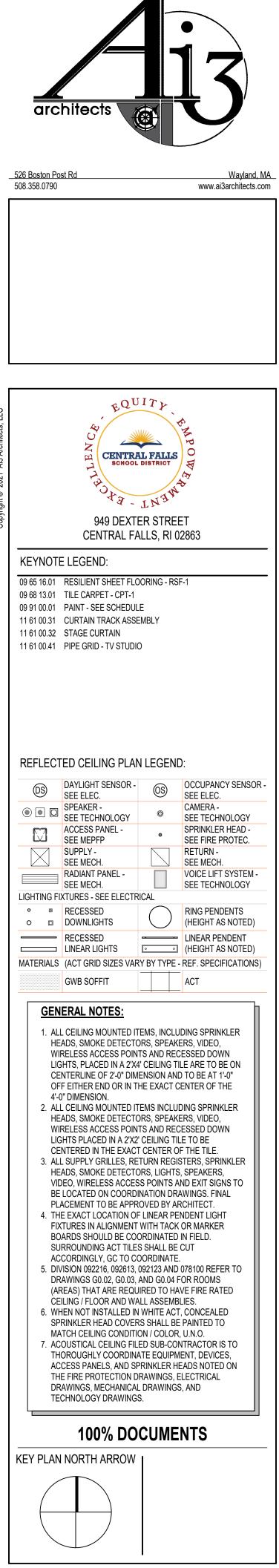


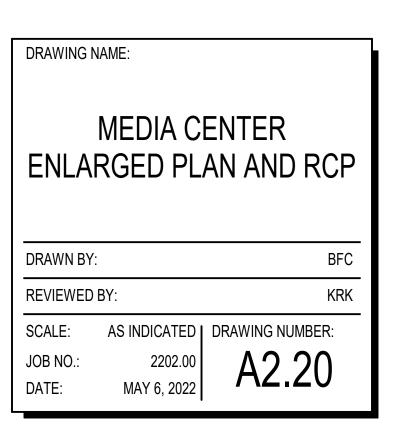


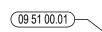




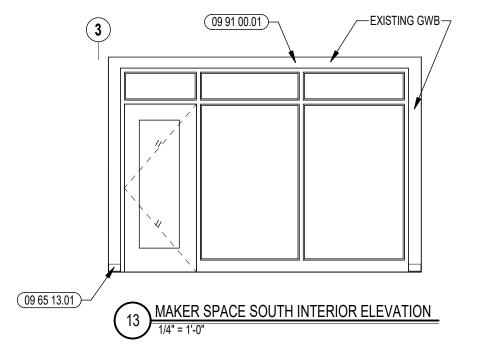


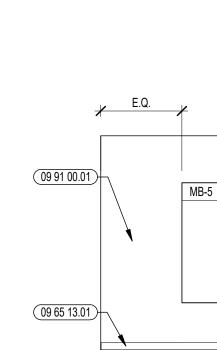


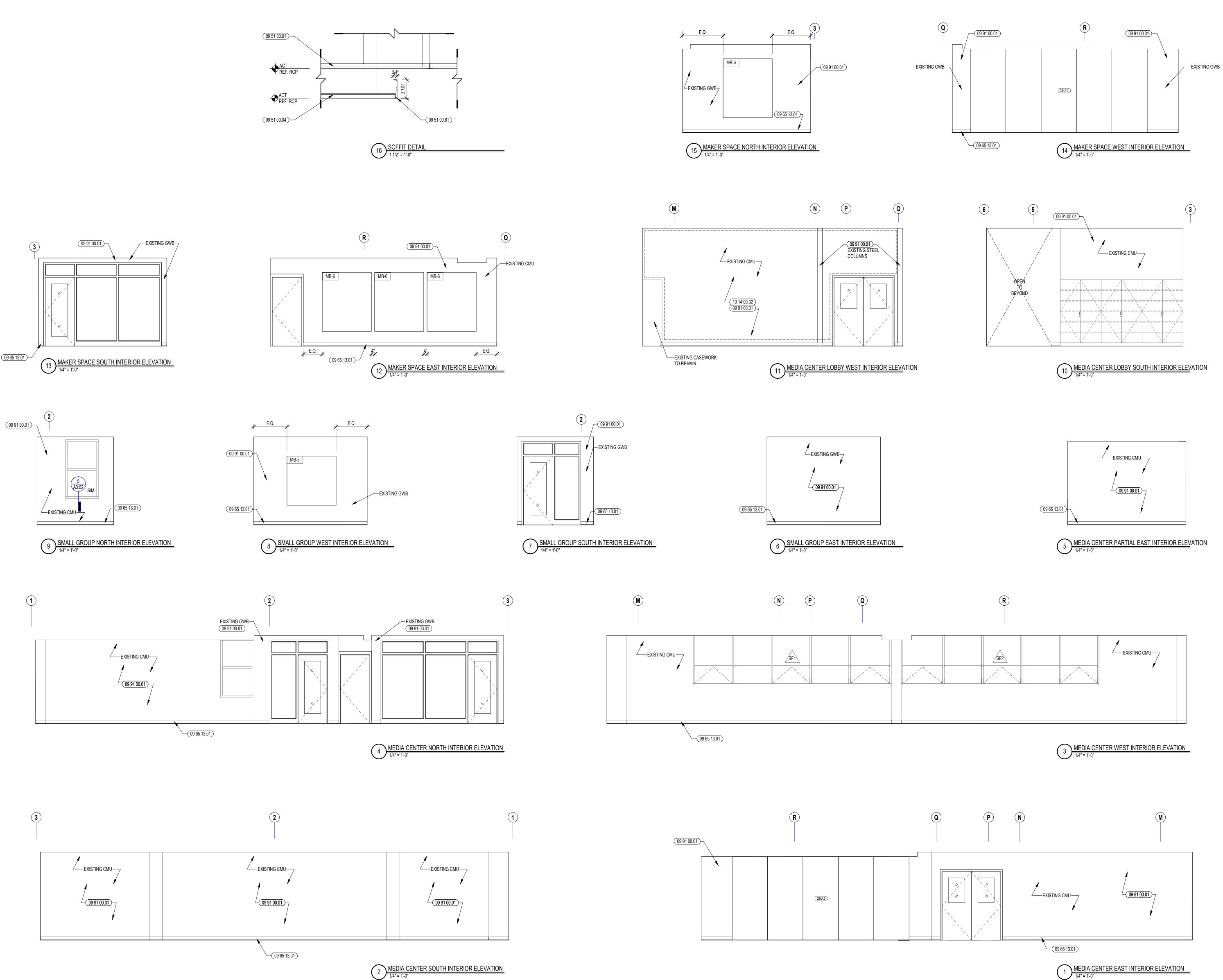


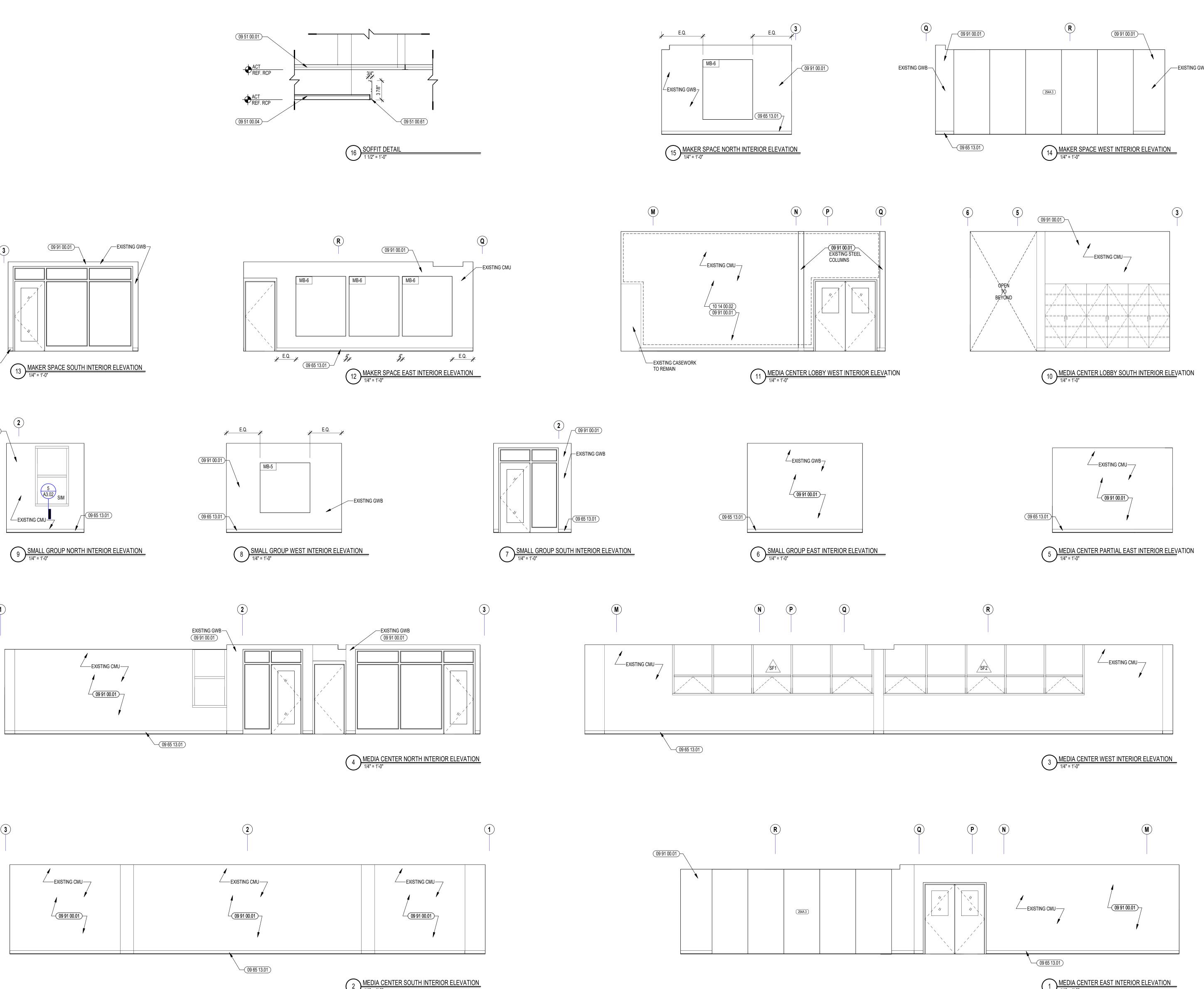


09 51 00.04

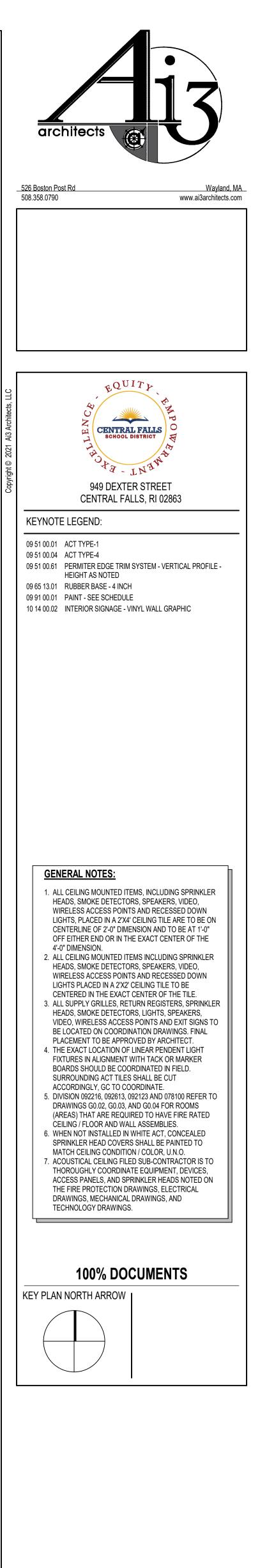


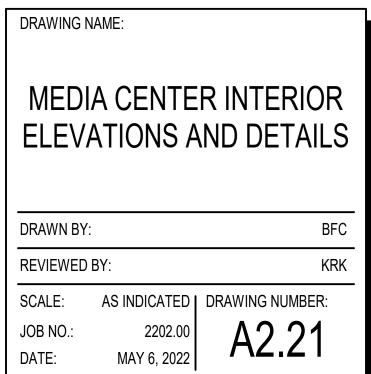


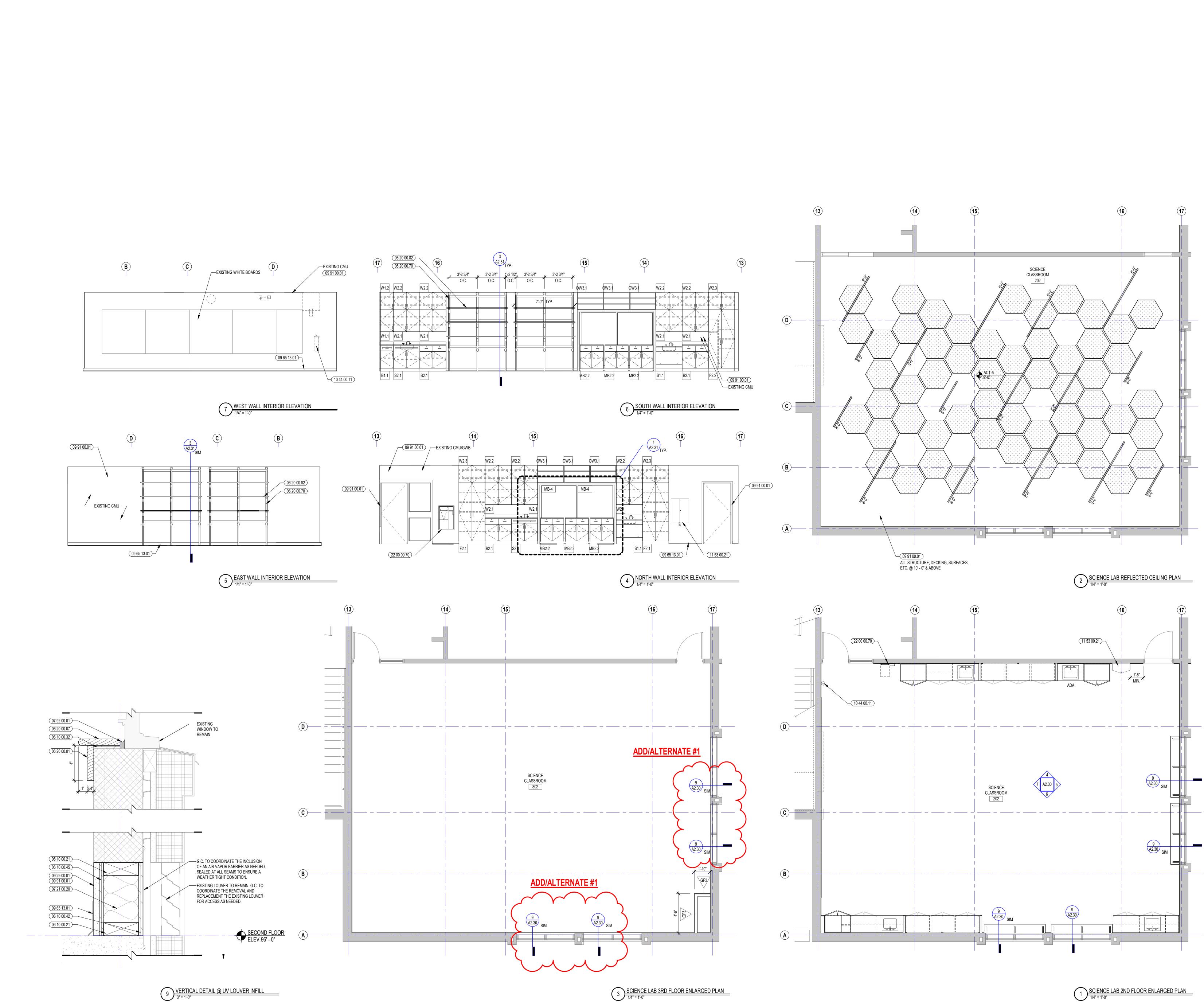


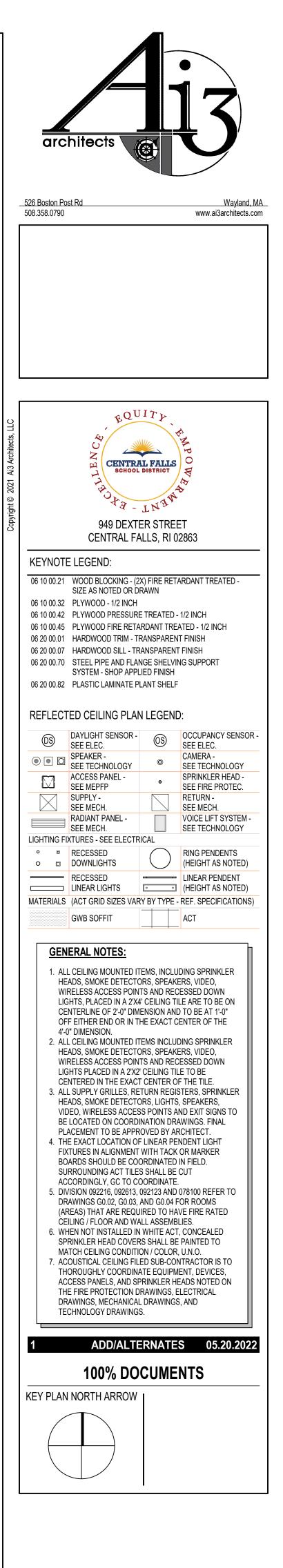


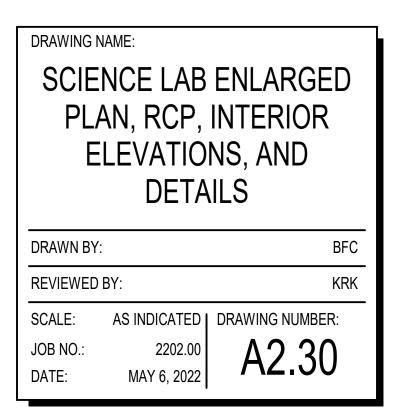
1 MEDIA CENTER EAST INTERIOR ELEVATION 1/4" = 1'-0"

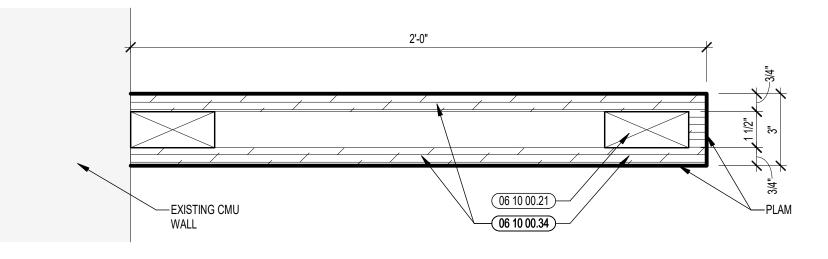




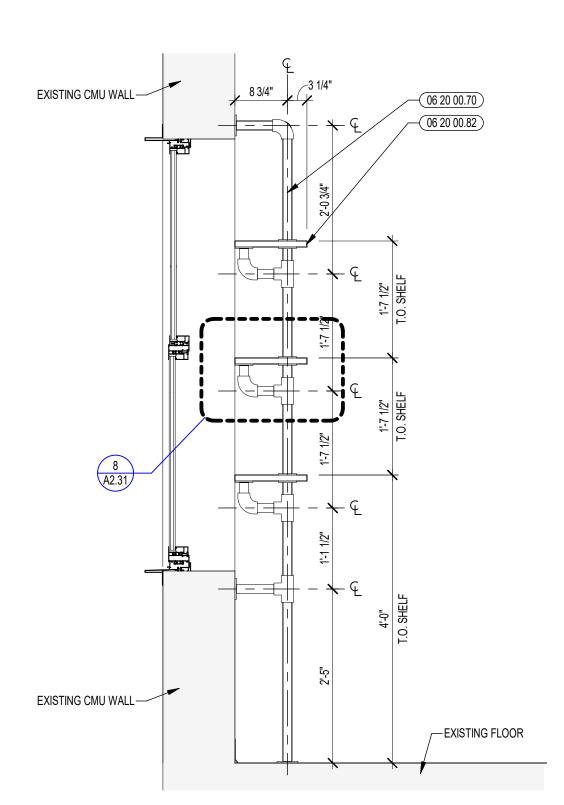




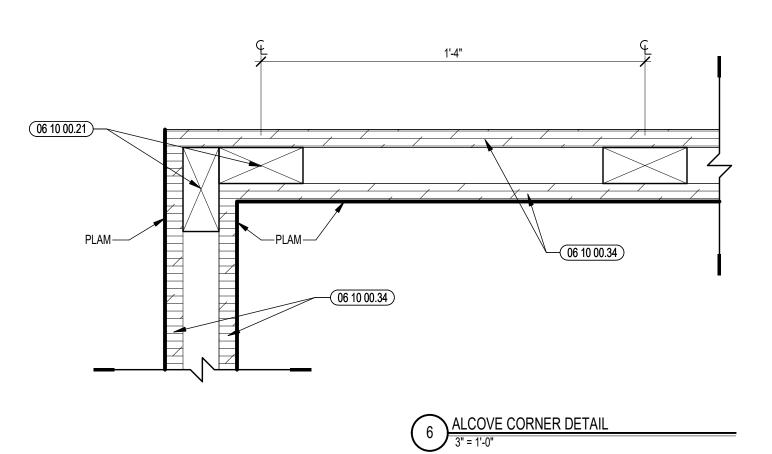


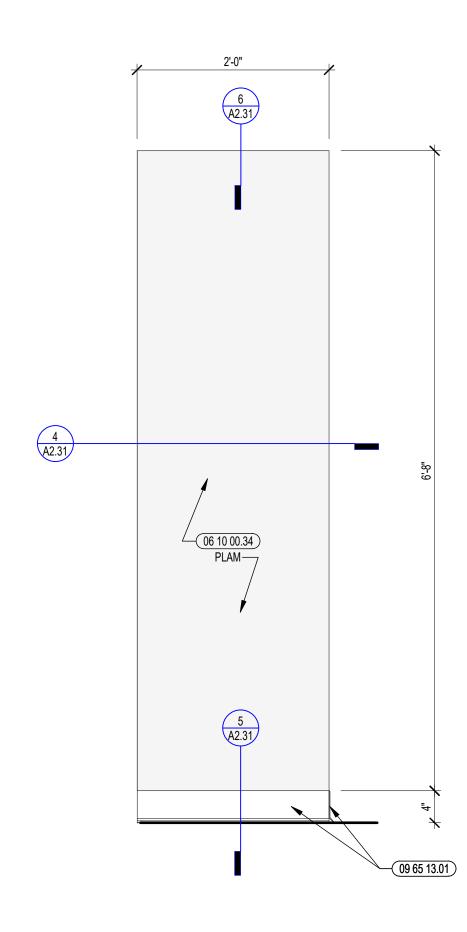


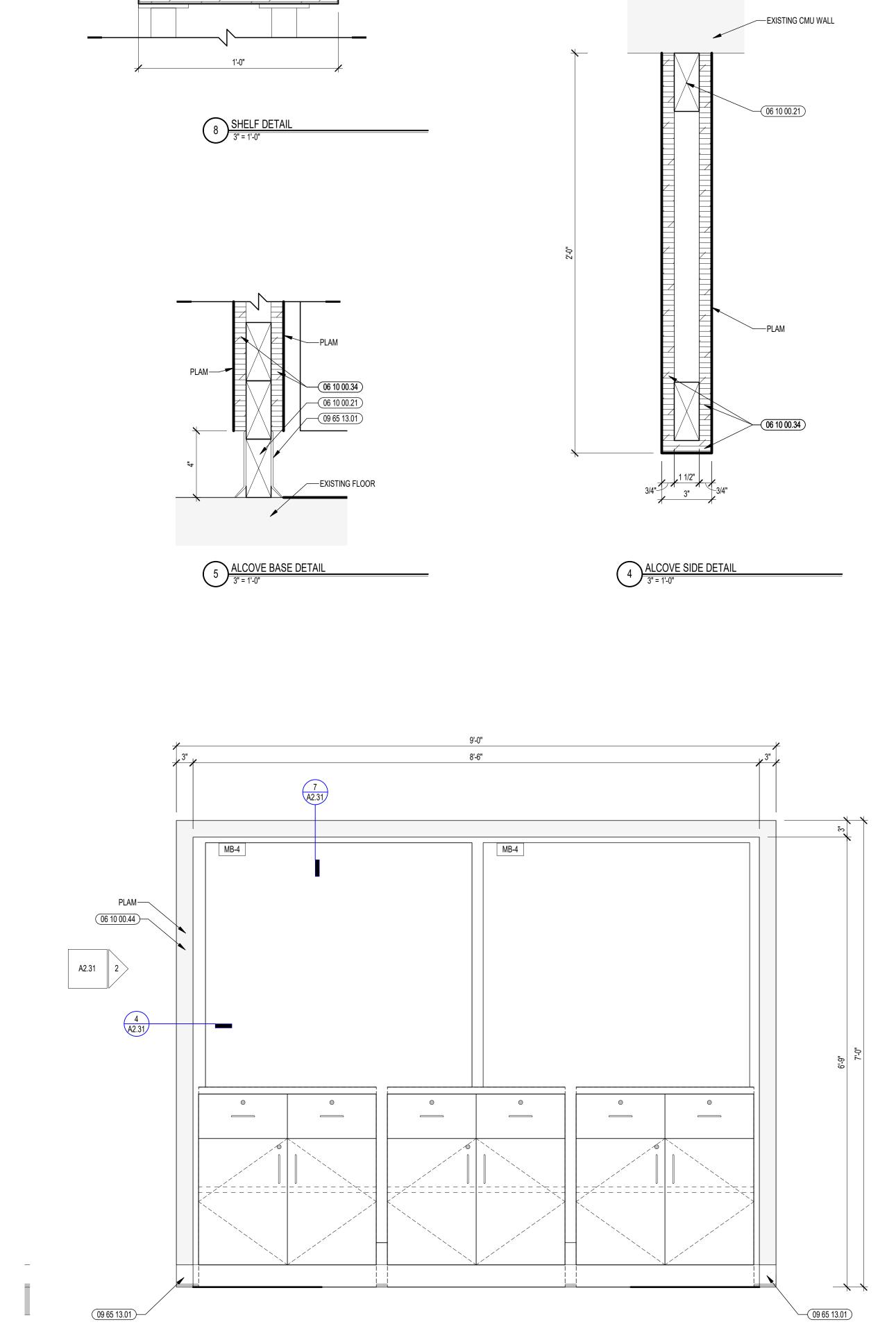




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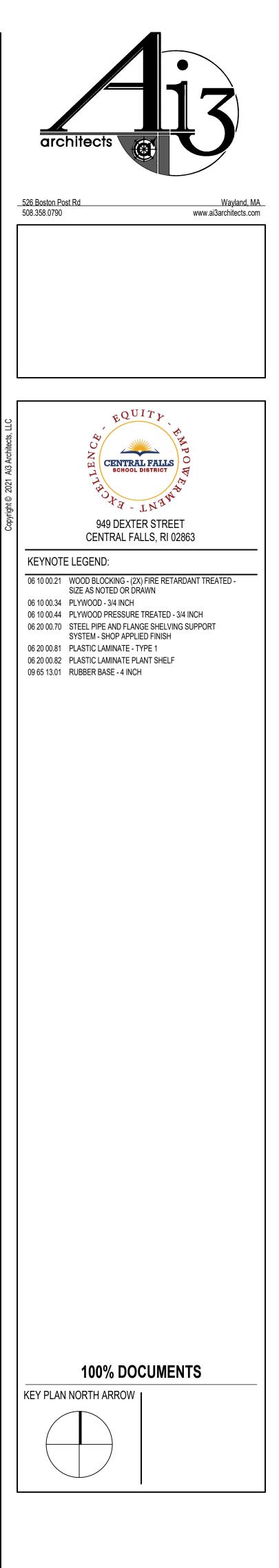
-(06 20 00.70) - 06 20 00.82

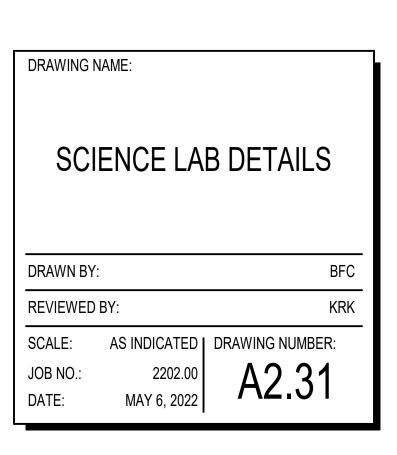
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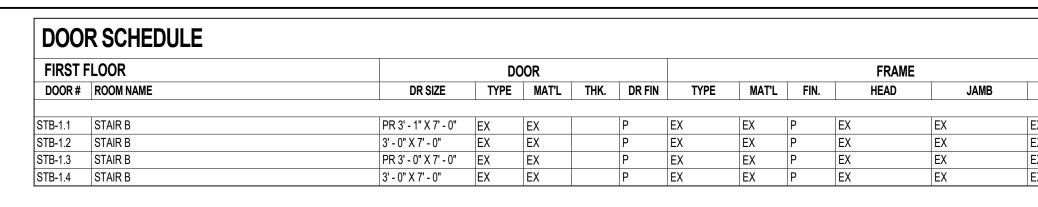
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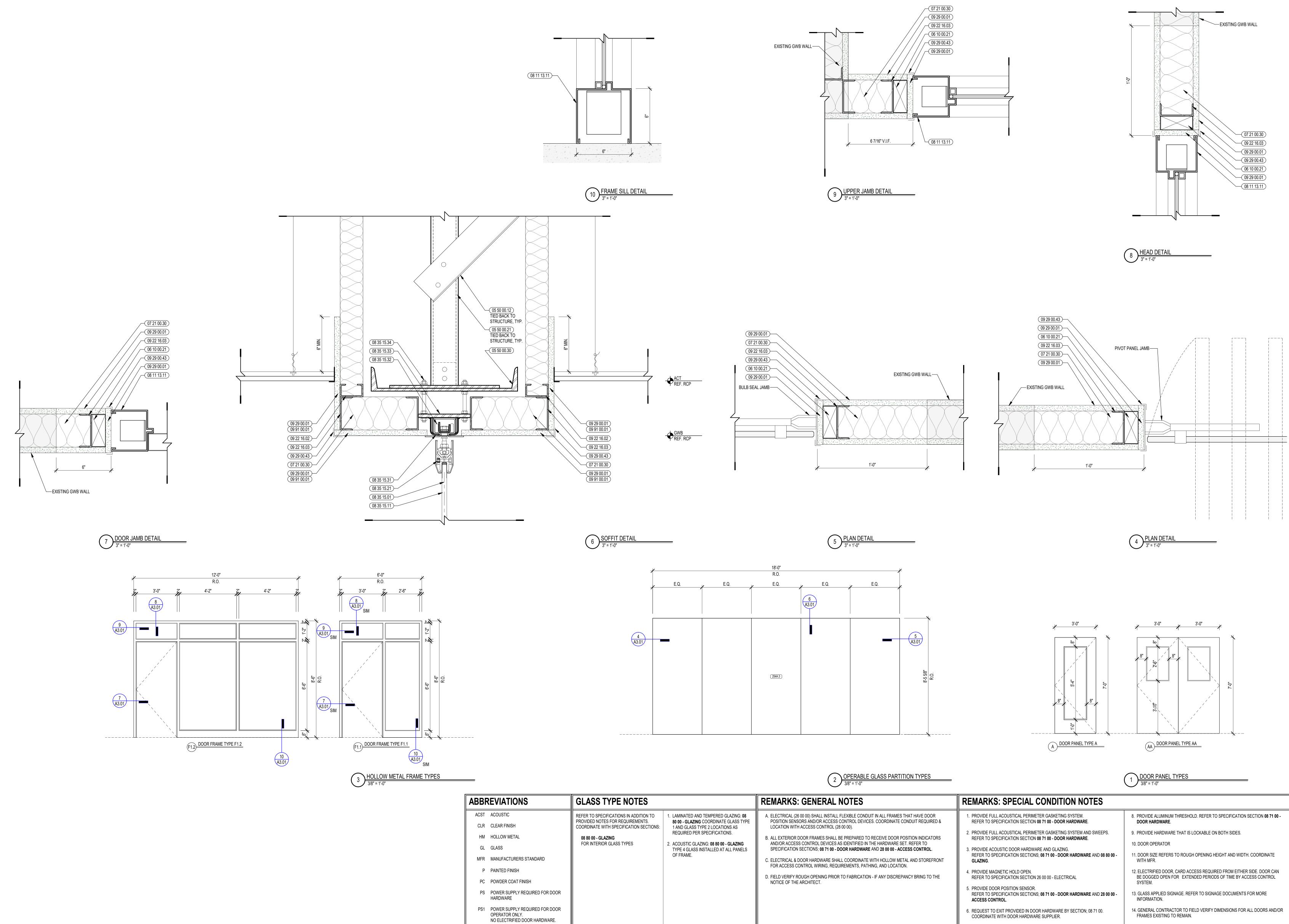
2 ALCOVE SIDE ELEVATION 1" = 1'-0"

ALCOVE FRONT ELEVATION





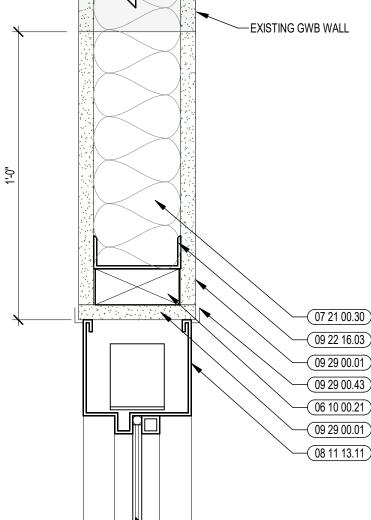




				FIRE	
SILL	GLASS TYPE	SHADE	HDW SET	RATING	REMARK
			4.0		14
			3.0		14
			2.0		14
			1.0		14

SCW SOLID CORE WOOD (FLUSH)

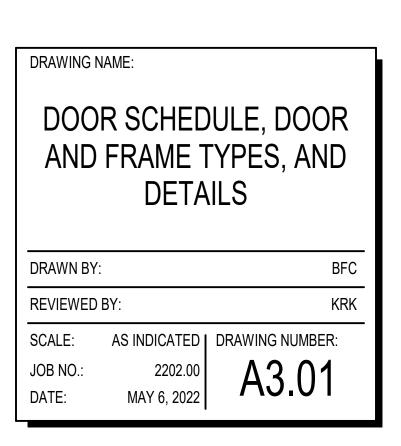
DOO	DOOR SCHEDULE																
SECON	D FLOOR		DOOR				FRAME								FIRE		
DOOR #	ROOM NAME	DR SIZE	TYPE	MAT'L	THK.	DR FIN	TYPE	MAT'L	FIN.	HEAD	JAMB	SILL	GLASS TYPE	SHADE	HDW SET	RATING	REMARKS
241.1	SMALL GROUP	3' - 0" X 7' - 0"	A	SCW		CLR	F9.1	HM	P	8/A3.01	7/A3.01	N/A			6.0		
242.1	STORAGE	3' - 0" X 7' - 0"	EX	EX		Р	EX	EX	Р	EX	EX	EX			7.0	14	
254.1	MEDIA CENTER LOBBY	PR 3' - 0" X 7' - 0"	AA	SCW		CLR	EX	EX	Р	EX	EX	EX			5.0	14	
254A.1	MAKER SPACE	3' - 0" X 7' - 0"	A	SCW		CLR	F9.1	HM	Р	8/A3.01	7/A3.01	N/A			6.0		
254A.2	STAIR B	3' - 0" X 7' - 0"	EX	EX		Р	EX	EX	Р	EX	EX	EX			8.0	14	
254A.3	MAKER SPACE	REFER TO DWGS	MFR	MFR	MFR	MFR	MFR	MFR	MFR	6/A3.01	4 & 5/A3.01	N/A			MFR	14	
STB-2.1	STAIR B	PR 3' - 1" X 7' - 0"	EX	EX		Р	EX	EX	Р	EX	EX	EX			4.0	14	

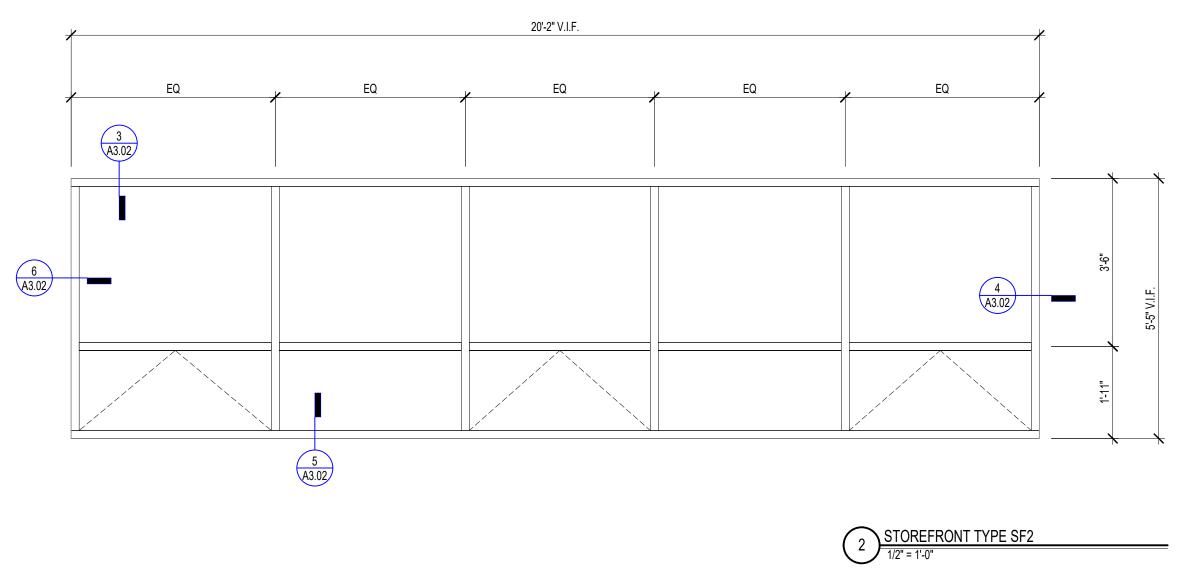


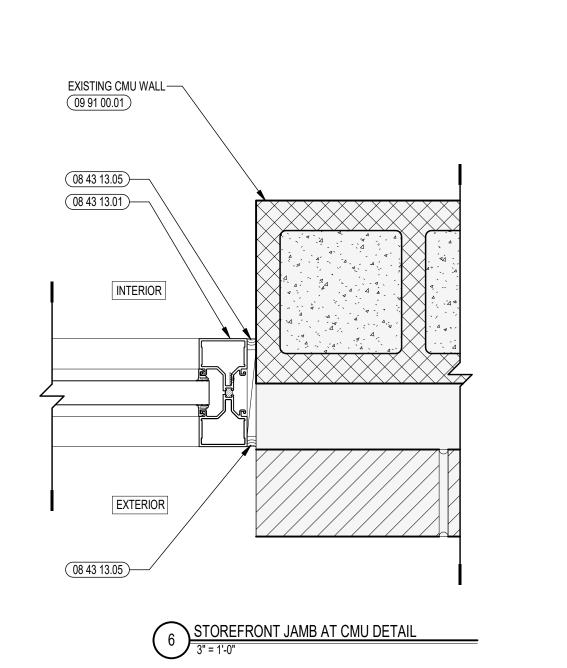


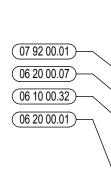
- 7. PROVIDE CARD READER. REFER TO SPECIFICATION SECTIONS; 08 71 00 DOOR HARDWARE AND 28 00 00 ACCESS CONTROL.

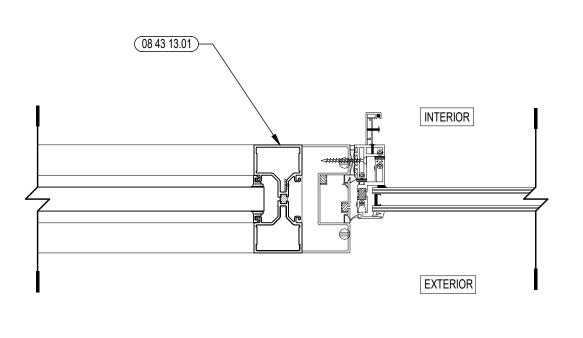




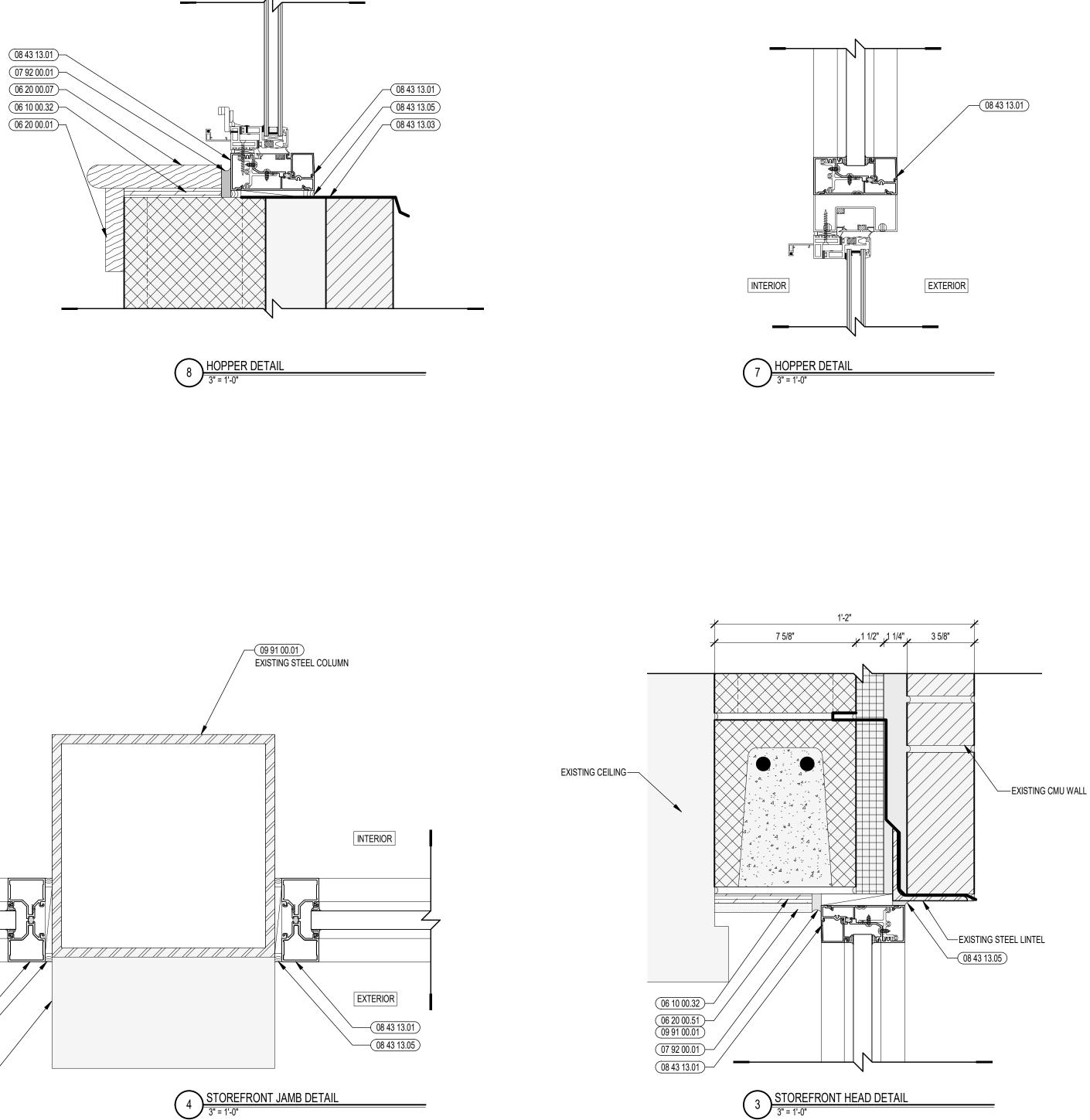


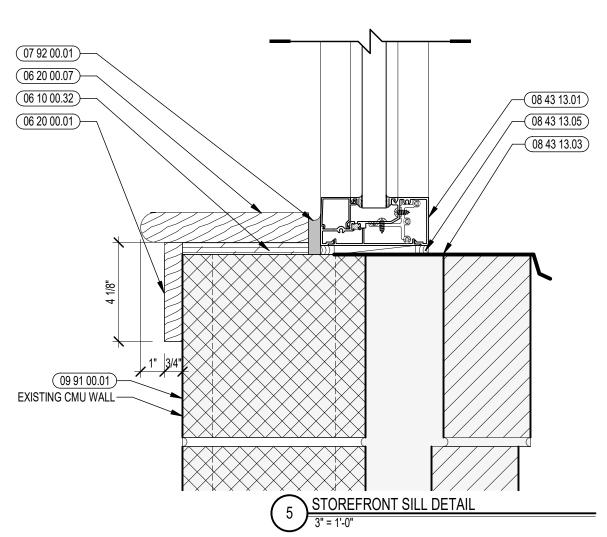


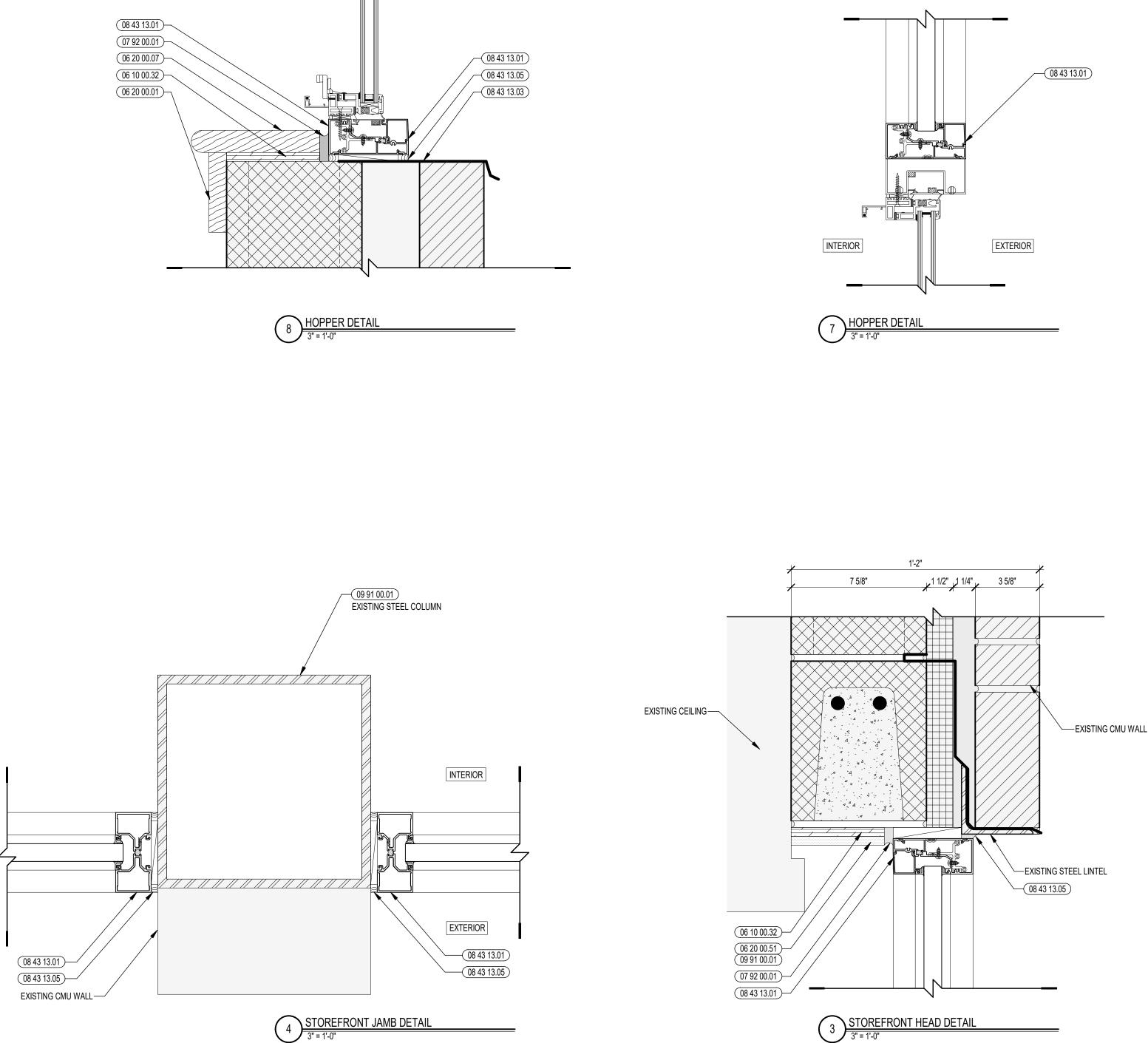


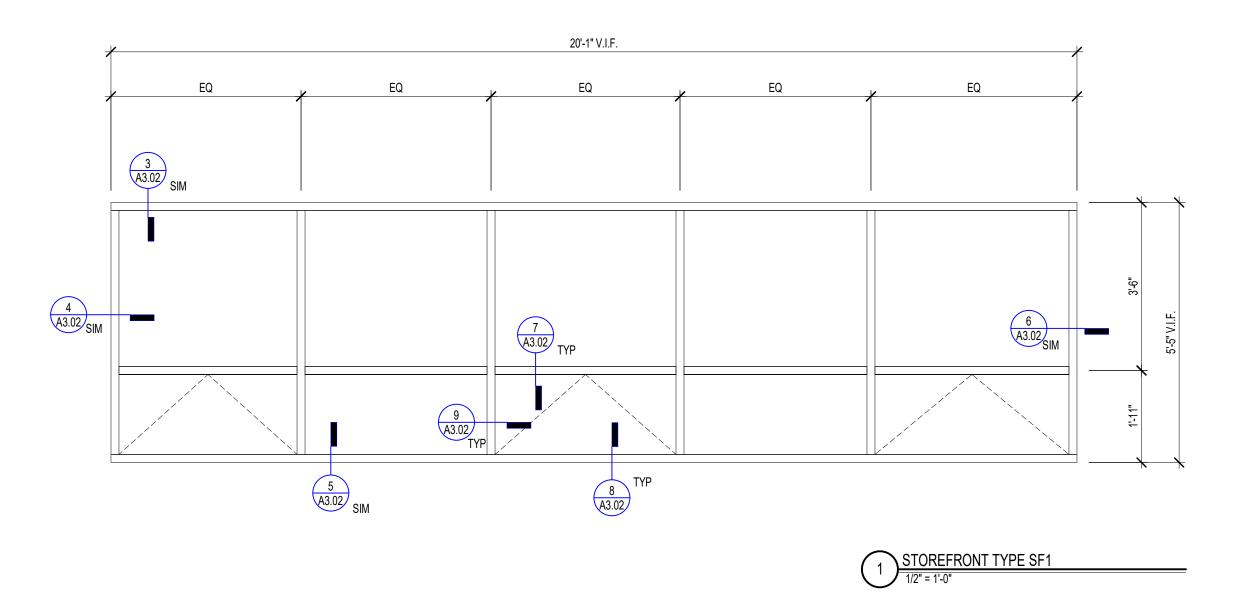


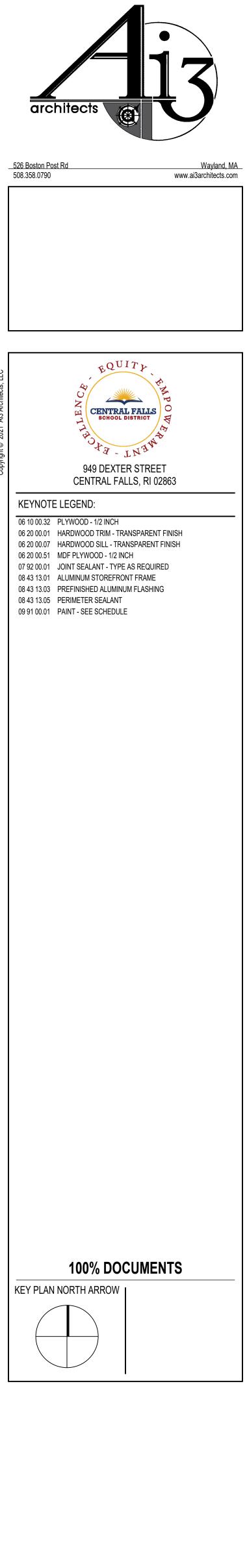


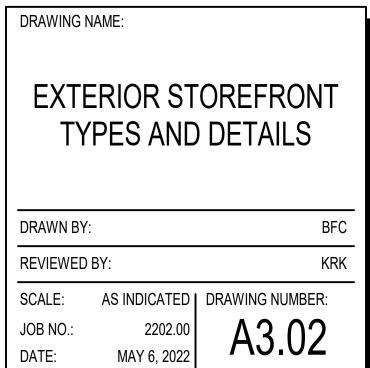


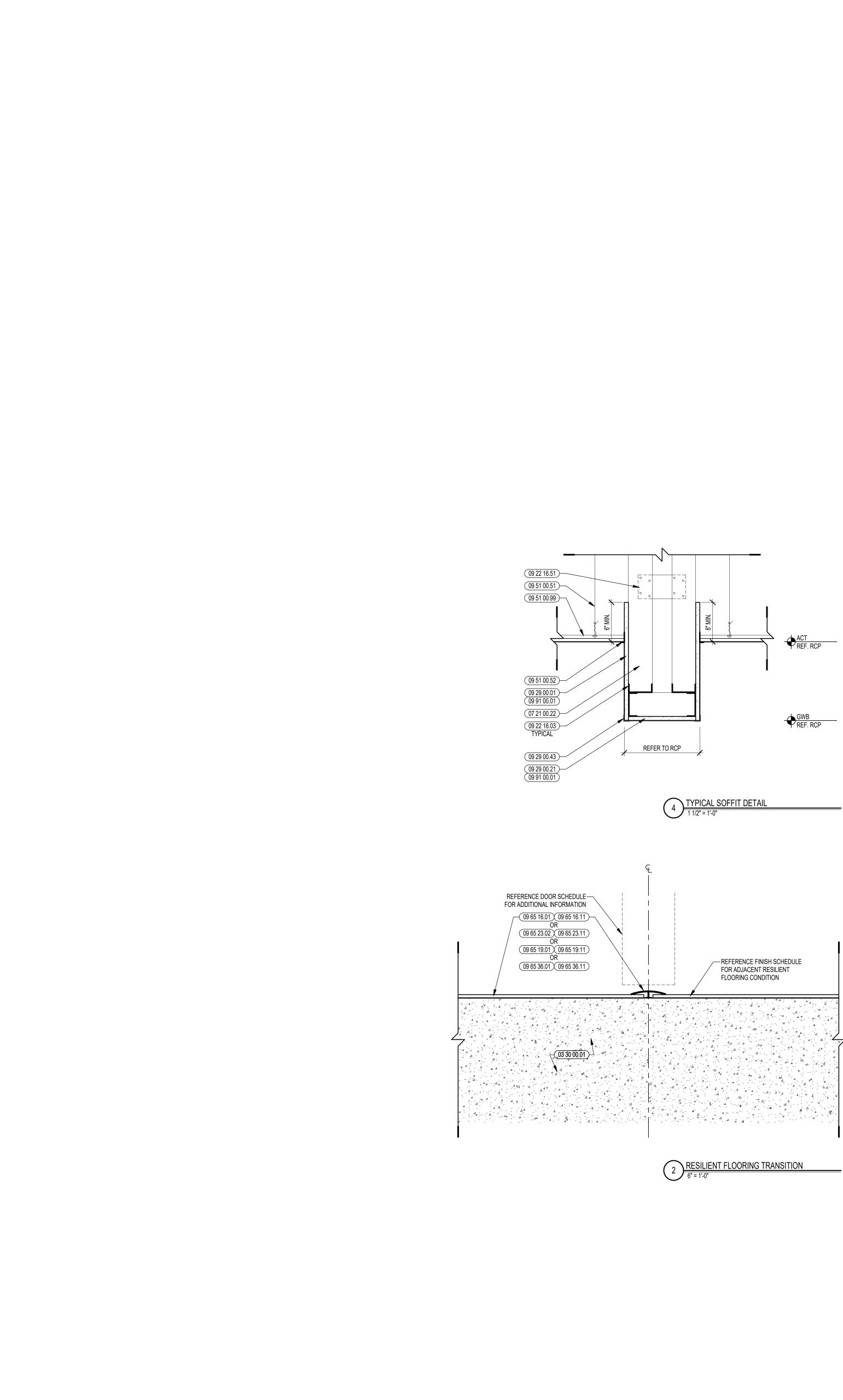












# ADD/ALTERNATE #1

CLASSROOM 123: ALL NEW CEILING TILES WITH 30% NEW CEILING GRID. CLASSROOM 222:

NEW LINOLEUM FLOORING AND NEW RUBBER WALL BASE.

CLASSROOM 302: NEW LINOLEUM FLOORING, NEW RUBBER WALL BASE AND ALL NEW CEILING TILES WITH 30% NEW CEILING GRID

# ADD/ALTERNATE #3 PAINT CORRIDOR WALLS

ADD/ALTERNATE #4 PAINT CLASSROOM WALLS AND DOOR FRAMES.



# THIR ROOI 3

REFERENCE DOOR SCHEDULE FOR ADDITIONAL INFORMATION / 09 68 13.01 09 68 13.11 OR 09 68 00.01 09 68 00.11 

<b>ROOM FINISH SCHEDULE</b>	

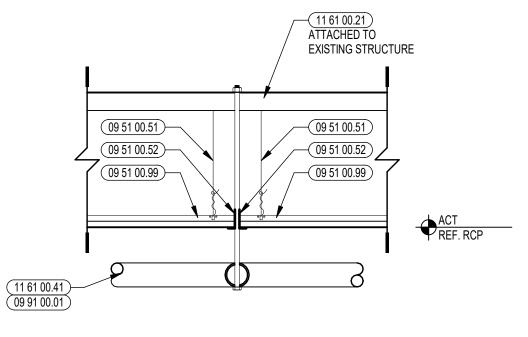
FIRST FL	OOR		BASE		WA	LL MATERIAL			NOTES	
ROOM #	ROOM NAME	FLOOR MATERIAL	MATERIAL	N	E	S	W	CEILING		
102	CLASSROOM	EXIST TO REMAIN	EX	EX	EX	EX	EX	ACT	ALL NEW ACT TILES, 30% NEW CEILING GRID 70% CEILING GRID EXISTING TO REMAIN	
120	CLASSROOM	EXIST TO REMAIN	EX	Р	Р	Р	Р	Р	ADD/ALTERNATE #4	
121	CLASSROOM	EXIST TO REMAIN	EX	Р	Р	Р	Р	Р	ADD/ALTERNATE #4	
122	CLASSROOM	EXIST TO REMAIN	EX	Р	Р	Р	Р	Р	ADD/ALTERNATE #4	
123	CLASSROOM	EXIST TO REMAIN	EX	Ρ	P	Р	Р	ACT/ EXIST ACT	ADD/ALTERNATE #1	
C100	VESTIBULE	EXIST TO REMAIN	EX	Р	Р	Р	Р	EXIST ACT		
C100A	VESTIBULE	EXIST TO REMAIN	EX	Р	Р	Р	Р	EXIST ACT	ADD/ALTERNATE #3	
C101	CORRIDOR	EXIST TO REMAIN	EX	Р	P	Р	Р	EXIST ACT	ADD/ALTERNATE #3	
C102	CORRIDOR	EXIST TO REMAIN	EX	Р	P	Р	Р	EXIST ACT	ADD/ALTERNATE #3	
C103	CORRIDOR	EXIST TO REMAIN	EX	Р	P	Р	Р	EXIST ACT	ADD/ALTERNATE #3	
C104	CORRIDOR	EXIST TO REMAIN	EX	Р	Р	Р	Р	EXIST ACT	ADD/ALTERNATE #3	
C105	CORRIDOR	EXIST TO REMAIN	EX	Р	Р	Р	Р	EXIST ACT	ADD/ALTERNATE #3	
STB-1	STAIR B	R / EXIST TO REMAIN	EX	Р	Р	Р	Р	EXIST ACT / EXIST GWB	PAINT EXISTING GWB CEILING	

# **ROOM FINISH SCHEDULE**

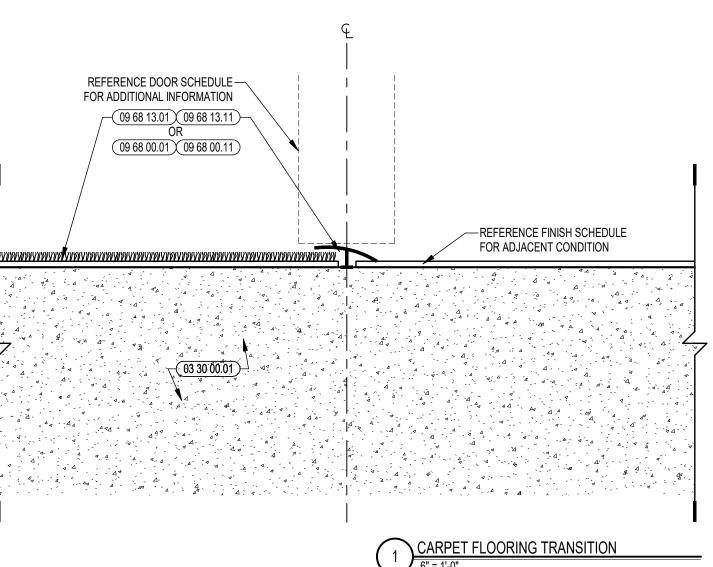
COND	FLOOR		BASE		WA	L MATERI	AL			
OOM #	ROOM NAME	FLOOR MATERIAL	MATERIAL	N	E		S W	CEILING	NOTES	
	•			1						
202	SCIENCE CLASSROOM	LIN	RB	Р	Р	Р	Р	ACT		
222	SCIENCE CLASSROOM	LIN	RB	Р	Р	Р	Р	EXIST ACT	ADD/ALTERNATE #1 & ADD/ALTERNATE #4.	
241	SMALL GROUP	LIN	RB	Р	Р	P	Р	ACT		
242	STORAGE	LIN	RB	Р	Р	Р	Р	ACT		
254	MEDIA CENTER	LIN / CPT	RB	Р	Р	Р	Р	ACT / GWB		
254A	MAKER SPACE	LIN	RB	Р	Р	Р	Р	ACT		
254B	MEDIA CENTER LOBBY	EXIST TO REMAIN	EX	Р	Р	Р	Р	EXIST ACT		
C201	CORRIDOR	EXIST TO REMAIN	EX	Р	Р	Р	Р	EXIST ACT	ADD/ALTERNATE #3	
C202	CORRIDOR	EXIST TO REMAIN	EX	Р	Р	Р	Р	EXIST ACT	ADD/ALTERNATE #3	
C203	CORRIDOR	EXIST TO REMAIN	EX	Р	Р	Р	Р	EXIST ACT	ADD/ALTERNATE #3	
C204	CORRIDOR	EXIST TO REMAIN	EX	Р	Р	Р	Р	EXIST ACT	ADD/ALTERNATE #3	
C205	CORRIDOR	EXIST TO REMAIN	EX	Р	Р	Р	Р	EXIST ACT	ADD/ALTERNATE #3	
STB-2	STAIR B	R / EXIST TO REMAIN	EX	Р	Р	Р	Р	EXIST ACT		

# **ROOM FINISH SCHEDULE**

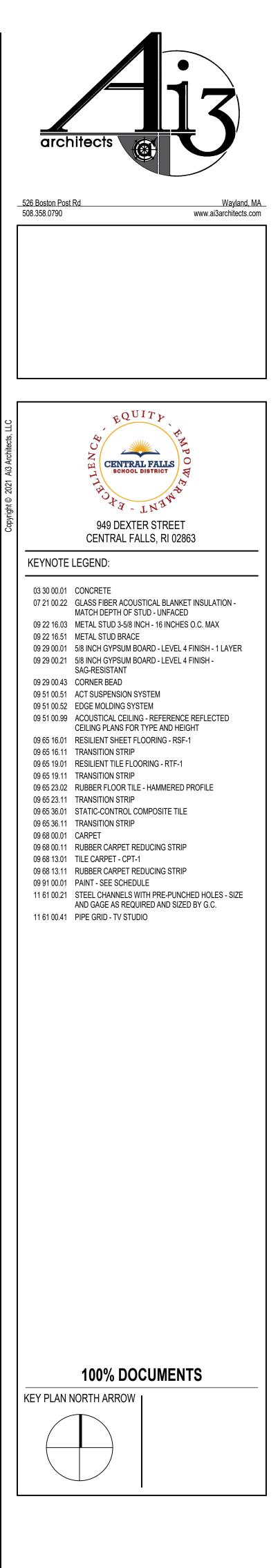
IRD FLOOR			BASE		WALL N	IATERIAL				
OOM #	ROOM NAME	FLOOR MATERIAL	MATERIAL	N	E	S	W	CEILING	NOTES	
302	SCIENCE CLASSROOM	LIN	RB	Ρ	Ρ	P	Ρ		30% OF EXISTING CEILING TILES AND GRID TO BE NEW TO MATCH EXISTING IN BASE SCOPE. ADD/ALTERNATE #1 AND ADD/ALTERNATE #4	
C301	CORRIDOR	EXIST TO REMAIN	EX	Р	P	P	Р	EXIST ACT	ADD/ALTERNATE #3	

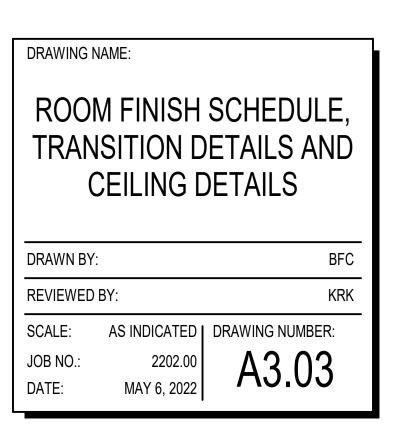


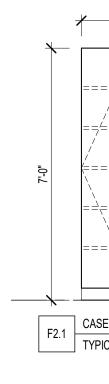
3 TYPICAL CEILING DETAIL @ PIPE GRID PENETRATION

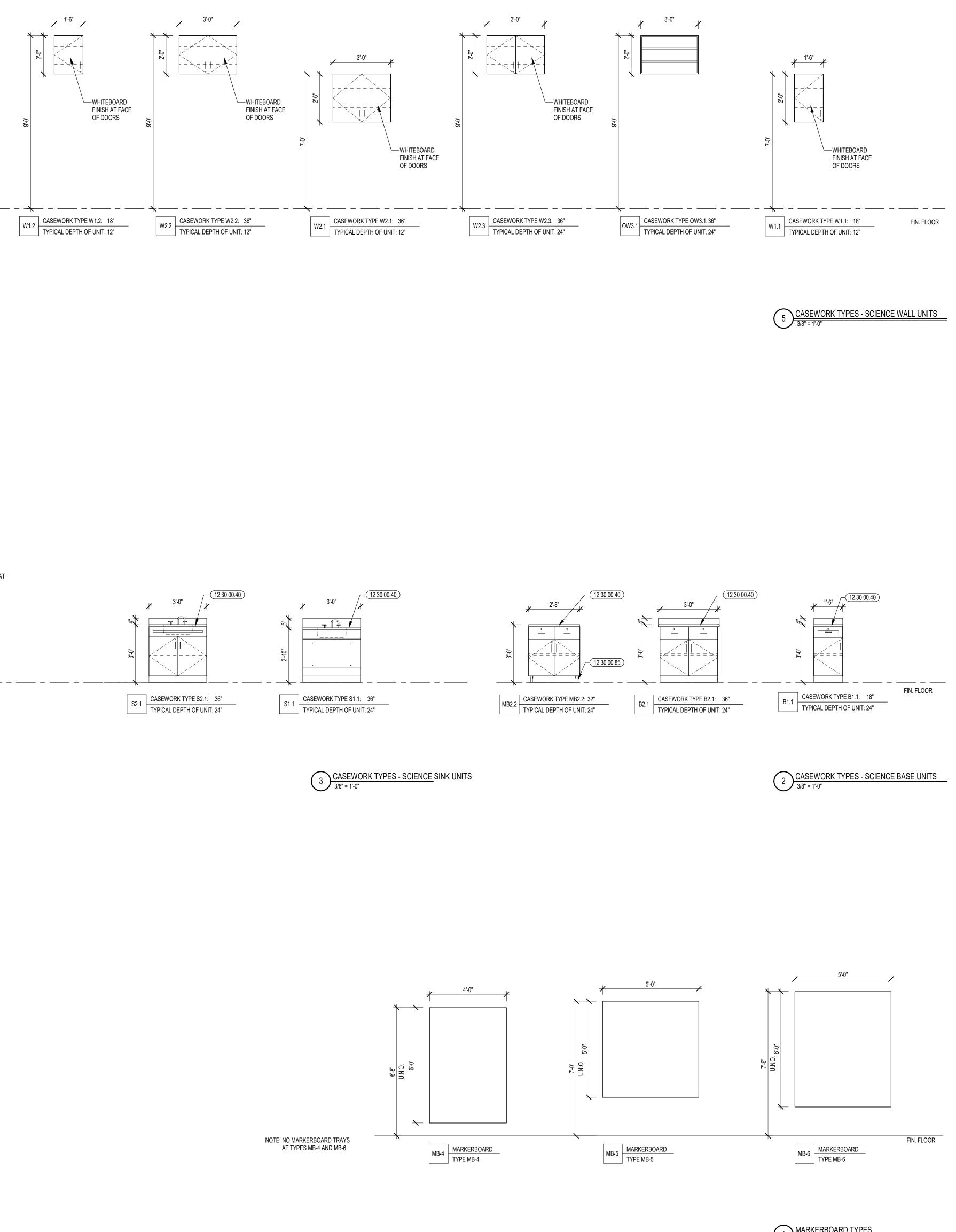


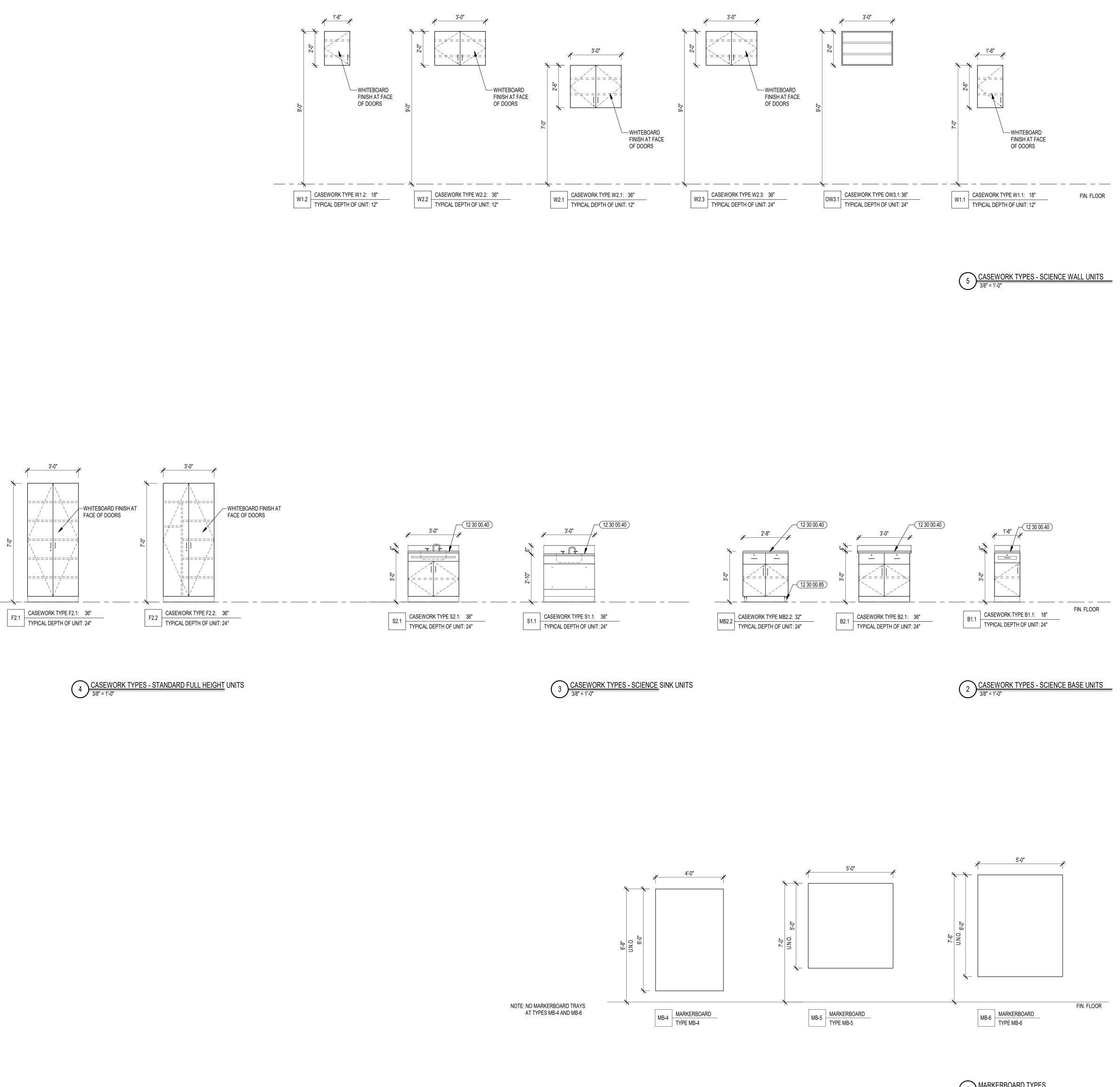
GENERAL NOTES	ABBREVIATIONS / FINISH LEGEND											
1. "EXP" DENOTES EXPOSED TO VIEW STRUCTURAL STEEL, METAL DECK, FABRICATED METAL, DUCTWORK, PIPES & CONDUIT REQUIRED TO BE PAINTED. ALL WALLS IN ROOMS NOTED AS EXPOSED SHALL HAVE A PAINT TRANSITION LINE, HEIGHT TO BE COORDINATED IN FIELD.	ACT ACOUSTICAL CEILING TILE REFER TO RCP FOR TYPE (SECTION 09 51 00) R RUBBER FLOORING											
2. REFER TO G0.01 GENERAL INFORMATION & CODE ANALYSIS.	CPT CARPET TILE (SECTION 09 65 23) (SECTION 09 68 13)											
3. REFER TO REFLECTED CEILING PLAN ACT TYPES. PROVIDE ACT RETENTION CLIPS AT ALL TOILET ROOMS, LOCKER ROOMS, VESTIBULES & FIRE RATED SPACES.	EP EPOXY PAINT (SECTION 09 91 00) (SECTION 09 91 00)											
4. REFER TO REFLECTED CEILING PLAN FOR CEILING HEIGHTS, ACT TYPES & CEILING EXTENTS. PROVIDE ACT RETENTION CLIPS AT ALL TOILET ROOMS, VESTIBULES & FIRE RATED SPACES.	EXP EXPOSED (SECTION 09 72 00) (SEE GENERAL NOTE 3)											
5. MULTIPLE COLORS / PATTERNING REQUIRED FOR FLOORING FINISHES AND WALL TILES. REFER TO A7 SERIES FOR SAMPLE PATTERN LAYOUTS AND COLOR VARIATION. THESE DRAWINGS ARE INTENDED TO DEMONSTRATE THE VARIETY OF COLOR AND PATTERNING THAT WILL BE DECLIDED THAT ACT FOR ANY AND ADDRESS AND	MAT ENTRANCE MATS & GRATES (SECTION 12 48 13)											
REQUIRED, THOUGH FINAL SELECTIONS WILL BE ISSUED AFTER APPROVAL OF SHOP DRAWINGS AND PRODUCT LITERATURE FROM INSTALLING CONTRACTOR.	MFR MANUFACTURER											
<ol> <li>WALL MATERIAL ON ROOM FINISH SCHEDULE REFERS TO PLAN ORIENTATION REPRESENTED IN ARCHITECTURAL DOCUMENTS, WHERE "NORTH " REFERS TO THE TOP OF THE ARCHITECTURAL DRAWING SHEET FOR THE SPACE INDICATED.</li> </ol>	P PAINTED (SECTION 09 91 00)											
7. UNLESS NOTED OTHERWISE, GYPSUM SURFACE BEHIND VINYL WALL COVERINGS TO BE LEVEL 4 FINISH AND PRIMED PRIOR TO WALL COVERING IS INSTALLED. GYPSUM SURFACES BEHIND VINYL SIGNAGE GRAPHICS TO BE LEVEL 5 FINISH AND PRIMED PRIOR TO GRAPHIC IS INSTALLED.												



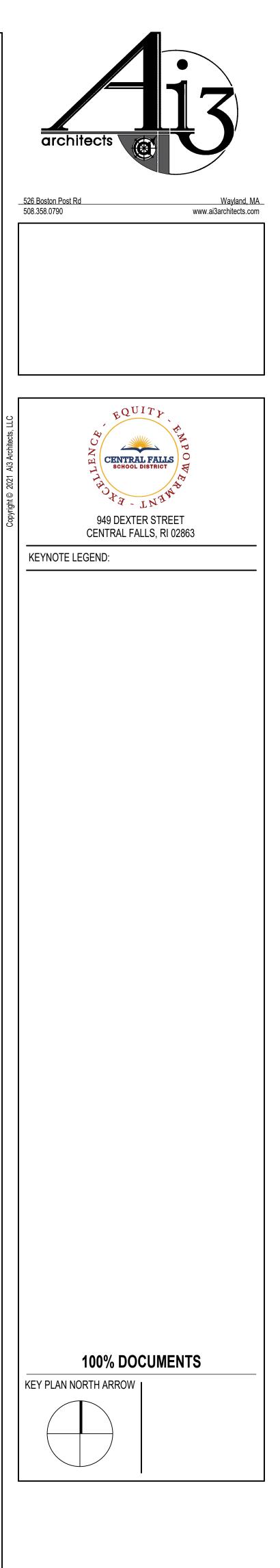


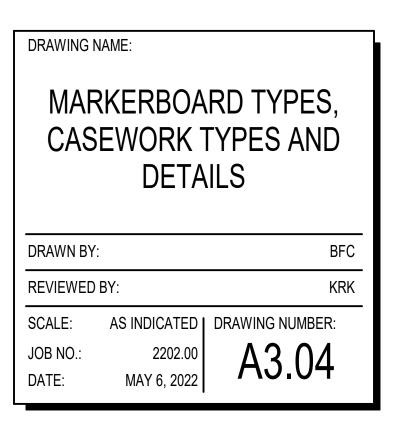




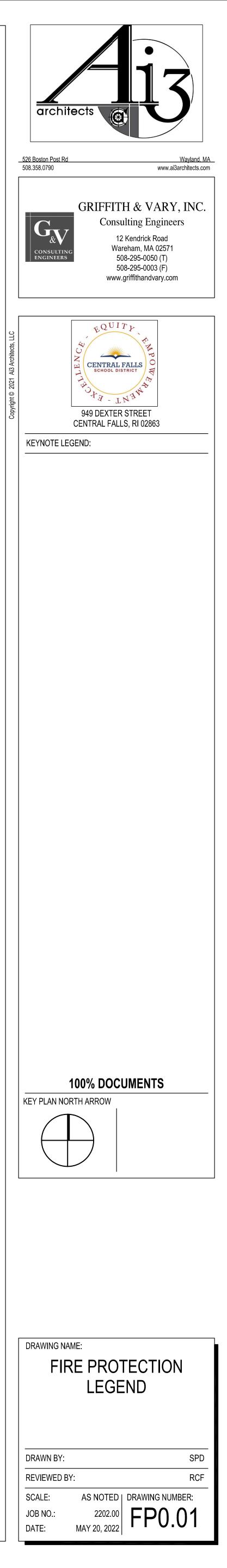


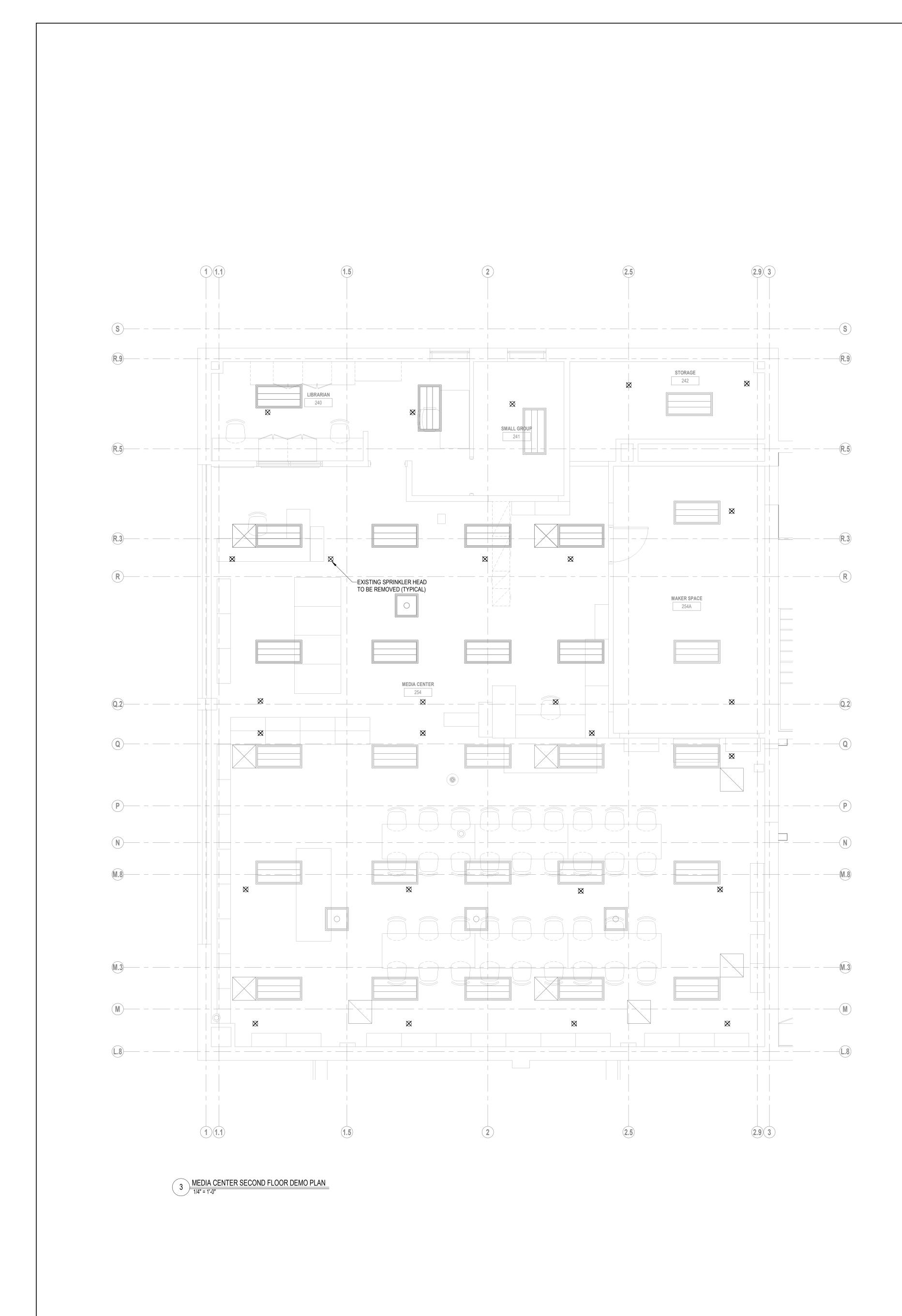
# 1 MARKERBOARD TYPES 3/8" = 1'-0"

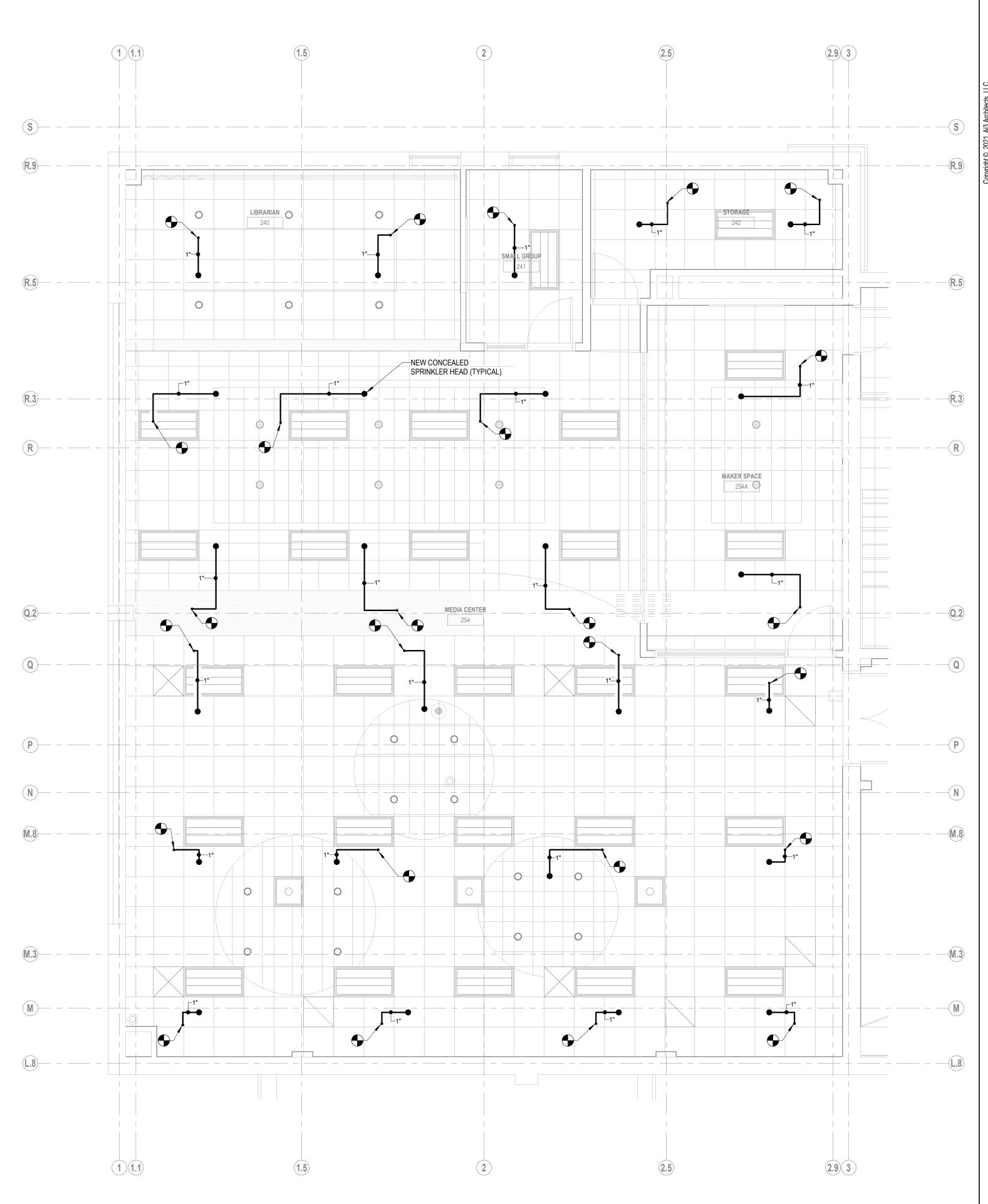




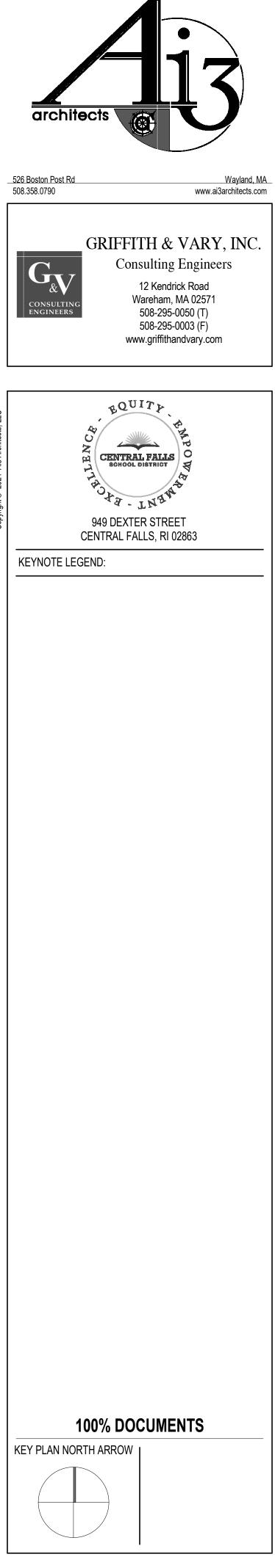
	GENERAL		DEVICES		ABE	REVIATIONS	
<del>X X</del>	EXISTING PIPING TO BE REMOVED	$\bigcirc$	DELUGE ALARM VALVE ASSEMBLY	AFF	ABOVE FINISH FLOOR	GWB	GYPSUM WALL BOARD
	HEAVY LINE INDICATES NEW WORK	$\bigcirc$	DRY ALARM VALVE ASSEMBLY	AFG	ABOVE FINISH GRADE	HMR	HYDRAULICALLY MOST REMOT
	LIGHT LINE INDICATES EXISTING WORK			AP	ACCESS PANEL	INV	INVERT
۶ <u>۶</u>	PIPING INTERRUPTED OR TO BE CONTINUED	$\bigcirc$	PREACTION ALARM VALVE ASSEMBLY	AC	ABOVE CEILING	JP	JOCKEY PUMP
		$\bigcirc$	WET ALARM VALVE ASSEMBLY	ARCH	ARCHITECT	KW	KILOWATTS
СТЕ	CONNECT TO EXISTING	#	KEYNOTE TAG	BLDG	BUILDING	MAX	MAXIMUM
	DETAIL DESIGNATION TAG		HYDRAULIC REFERENCE NODE	BOP	BOTTOM OF PIPE	MECH	MECHANICAL
P7.1		\ <u>"</u> /		BOR	BOTTOM OF RISER	MIN	MINIMUM
→ DN	ELBOW DOWN OR DROP		SIGNALING DEVICES	CI	CAST IRON	MISC	MISCELLANEOUS
UP	ELBOW UP OR RISE	FM		CLNG		N/A	
▶	FLOW IN DIRECTION OF ARROW	FS	FLOW METER	CLDI	CEMENT LINED DUCTILE IRON	NC	
·///	HEAT TRACE	Ρ <sup>°</sup>	FS FLOW SWITCH	CP		NO NTS	NORMALLY OPEN NOT TO SCALE
<del></del>	TEE LOOKING DOWN	Q	PRESSURE GAUGE	CNR	CONCENTRIC REDUCER	NIC	NOT IN CONTRACT
- <del>C</del>		, TS		CONT DIA	CONTINUATION DIAMETER	PA	PRE-ACTION
<del></del>	WATER TIGHT SLEEVE	Ч <sup>Ч</sup>	TS TAMPER SWITCH	DWG	DRAWING	PIV	POST INDICATING VALVE
				EA EA	EACH	POS	PROVIDED UNER OTHER SECTION
	SYSTEMS		SPRINKLERS	ECC	ECCENTRIC REDUCER	SCH	SCHEDULE
				EL OR ELEV.	ELEVATION	SC	SITE CONTACTOR
• F <b></b>	BURIED FIRE SERVICE		CONCEALED SPRINKLER HEAD	ELEC	ELECTRIC	SPEC	SPECIFICATION
	FIRE SERVICE, MAIN DISTRIBUTION AND/OR STANDPIPE FEED	●D	CONCEALED SPRINKLER (DRY SYSTEM)	EMER	EMERGENCY	ST. ST.	STAINLESS STEEL
(DRY) ———	DRY DISTRIBUTION AND/OR STANDPIPE FEED	°E		ETBR	EXISTING TO BE REMOVED	STD	STANDARD
FDC	FIRE DEPARTMENT INLET CONNECTION	∞	EXISTING SPRINKLER TO BE REMOVED	ETR	EXISTING TO REMAIN	STL	STEEL
SPR —	WET SPRINKLER	$\bigcirc$	EXTENDED COVERAGE SIDEWALL SPRINKLER	FFE	FINISH FLOOR ELEVATION	TH	TEST HEADER
P(PA)	PREACTION SPRINKLER		INSTITUTIONAL SIDEWALL SPRINKLER	FLR	FLOOR	TOR	TOP OF RISER
P(DRY)	DRY SPRINKLER		INSTITUTIONAL SPRINKLER HEAD PENDENT SPRINKLER	FT	FOOT	TOS	TOP OF STAIRS
SPD ————————————————————————————————————	SPRINKLER DRAIN	● ●D	PENDENT SPRINKLER PENDENT SPRINKLER (DRY SYSTEM)	FURN	FURNISHED	TYP	TYPICAL
тн — тн	(FIRE PUMP) TEST HEADER		PENDENT SPRINKLER W/CAGE	GALV	GALVANIZED	UNO	UNLESS NOTED OTHERWISE
		©	SEMI-RECESSED SPRINKLER	GC	GENERAL CONTRACTOR	VIV	VALVE IN VERTICAL
	VALVES	•	SIDEWALL SPRINKLER	GPH	GALLONS PER HOUR	W/	WITH
<b>I</b> -···		•	UPRIGHT SPRINKLER	GPM	GALLONS PER MINUTE	W/O	WITHOUT
BV BV	BALL VALVE	● <sub>D</sub>	UPRIGHT SPRINKLER (DRY SYSTEM)				
CV		۲	UPRIGHT SPRINKLER W/CAGE				
✓     ✓     ✓       ✓     ✓     ✓       ✓     ✓     ✓       ✓     ✓     ✓	DOUBLE CHECK VALVE ASSEMBLY GATE VALVE		WINDOW WASH SPRINKLER				
FDC	GATE VALVE						
FDC FDC	FIRE DEPARTMENT CONNECTION SIEMESE						
<b>-t≫-</b> FVC	FIRE DEPARTMENT VALVE						
FHC	FIRE HOSE CABINET						
FCV	FLOOR CONTROL VALVE ASSEMBLY						
OS&Y	SUPERVISED OUTSIDE SCREW & YOLK VALVE STRAINER						
	VALVE IN VERTICAL						



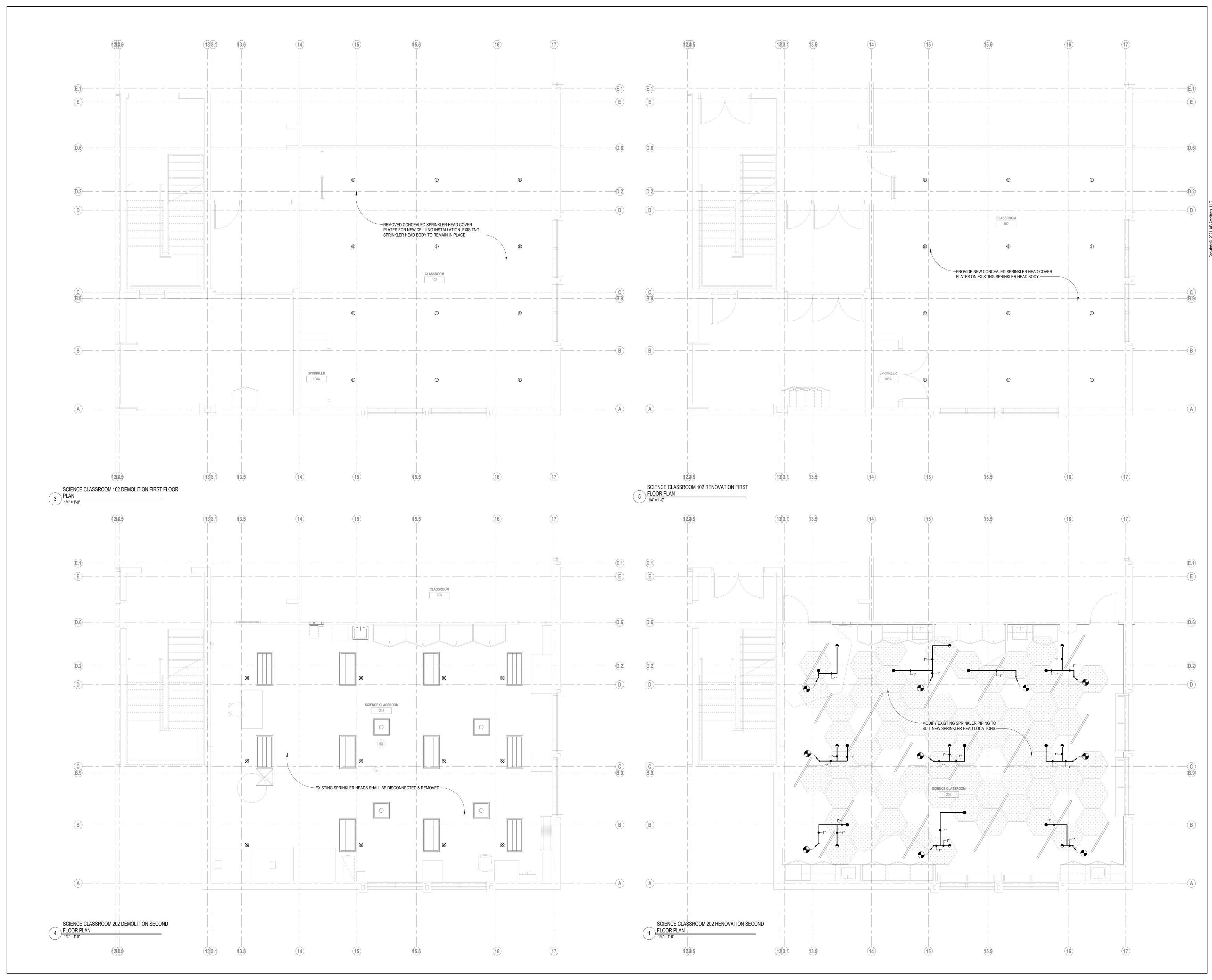


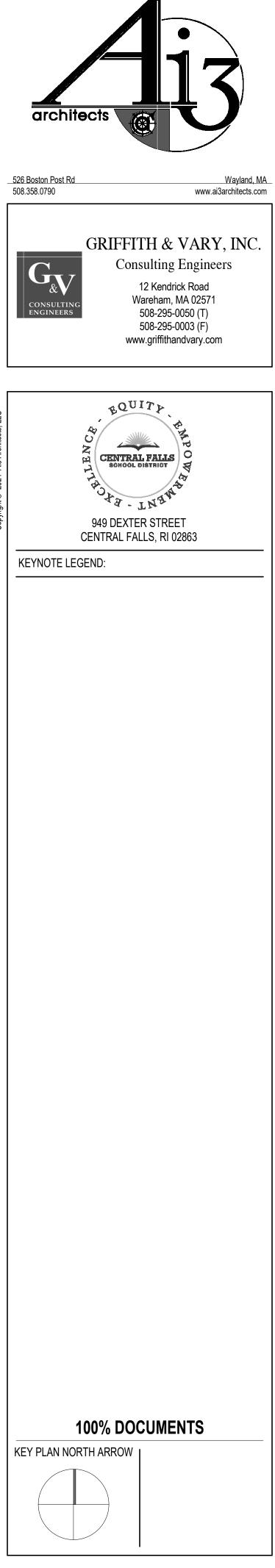


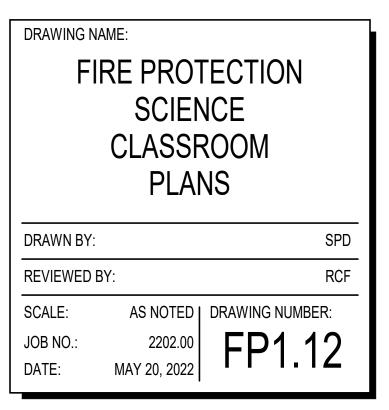
1 MEDIA CENTER SECOND FLOOR RENOVATION PLAN

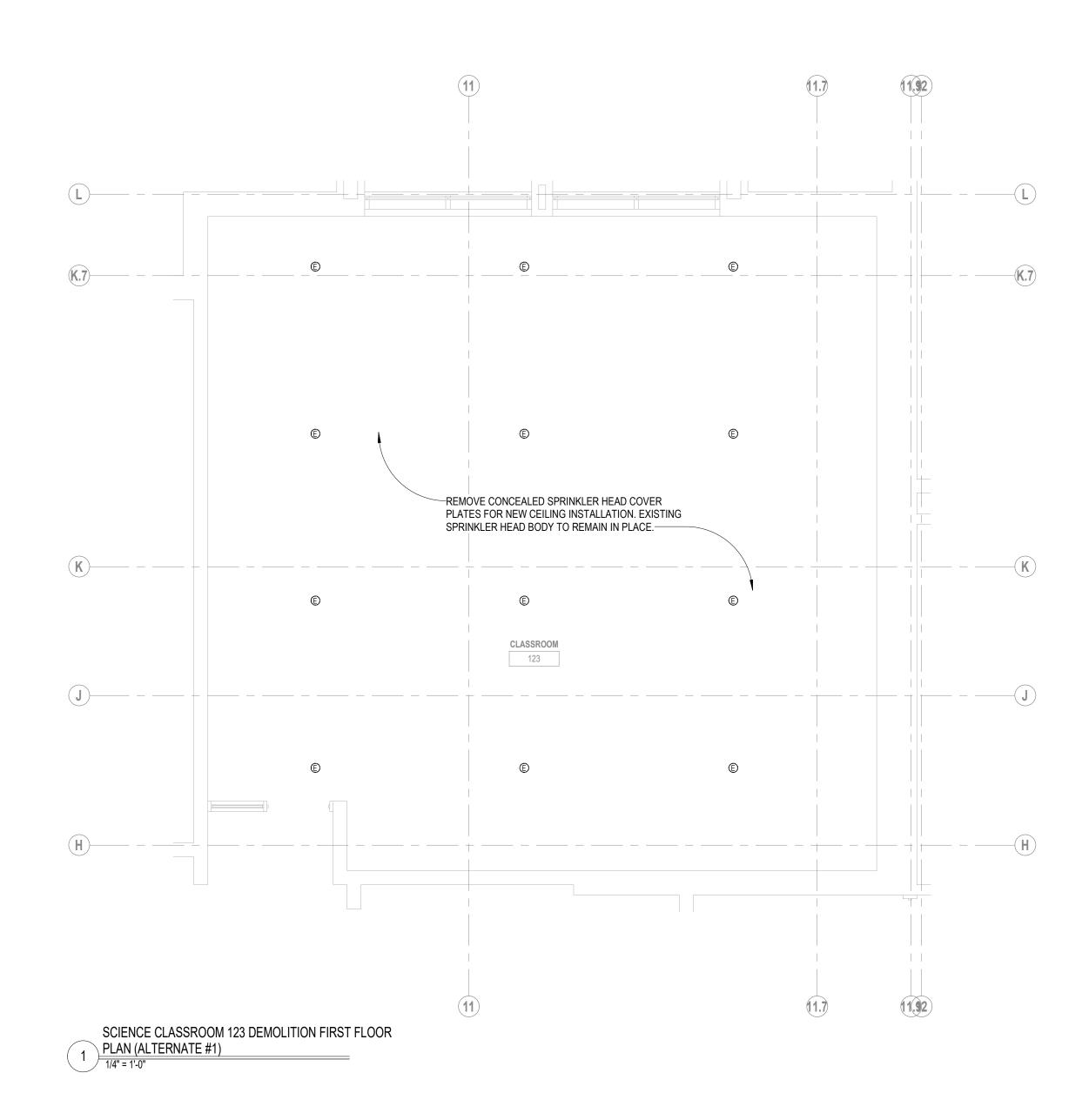


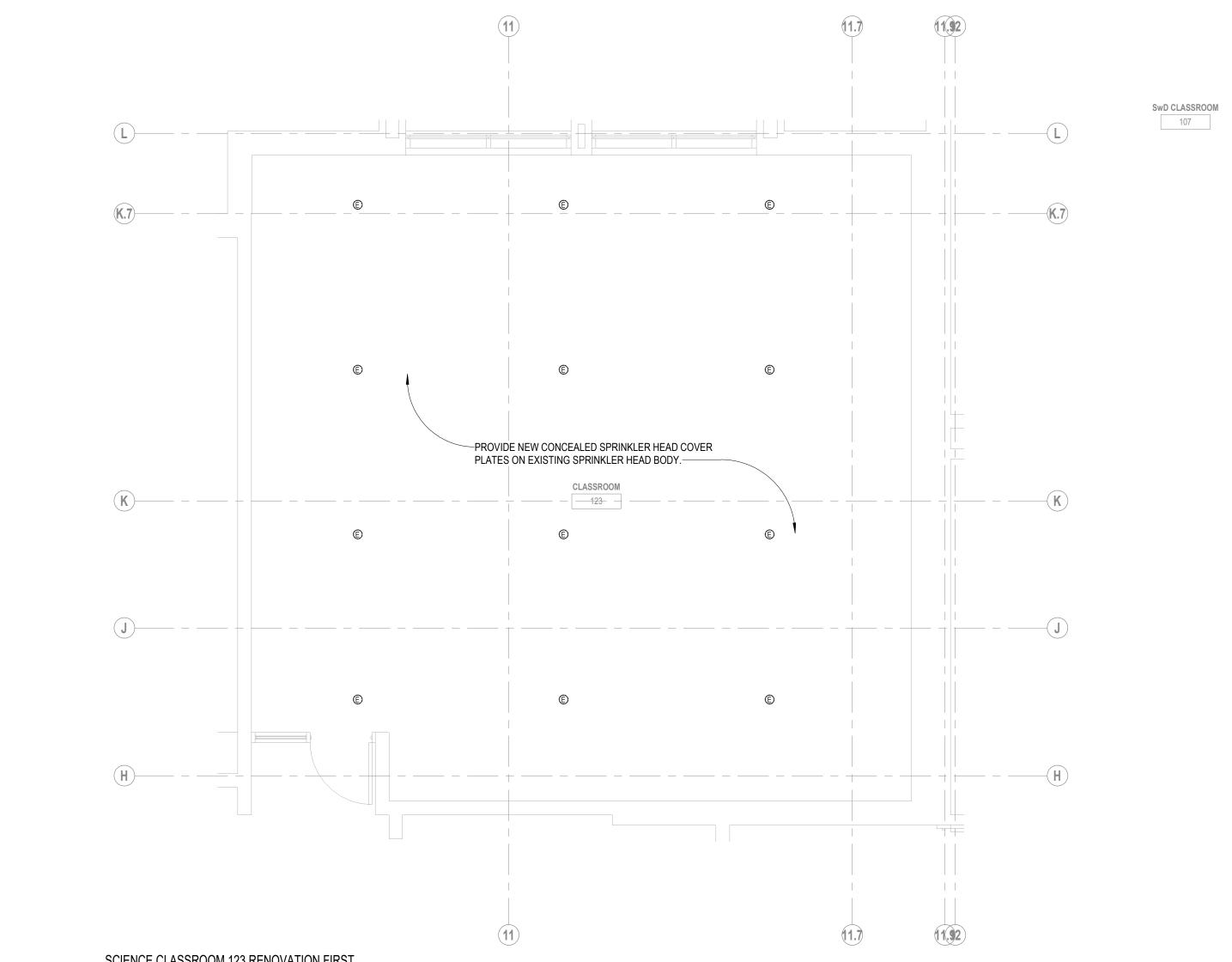




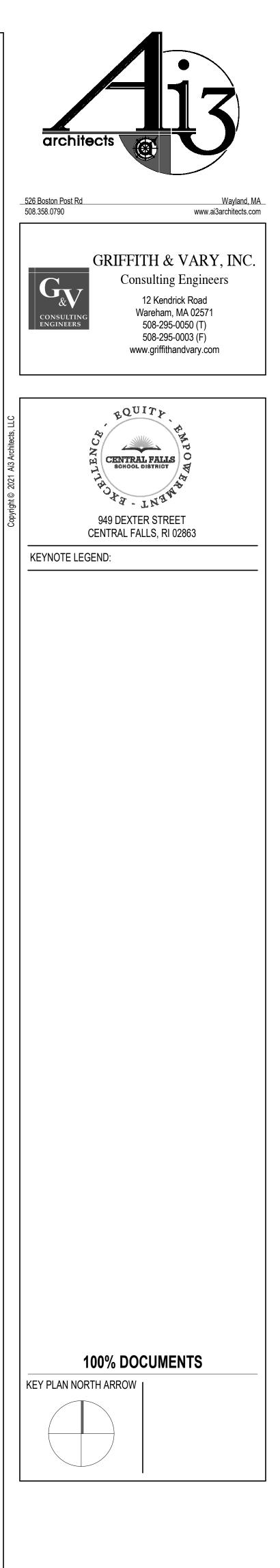


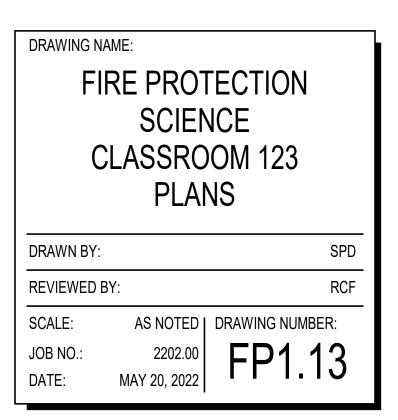


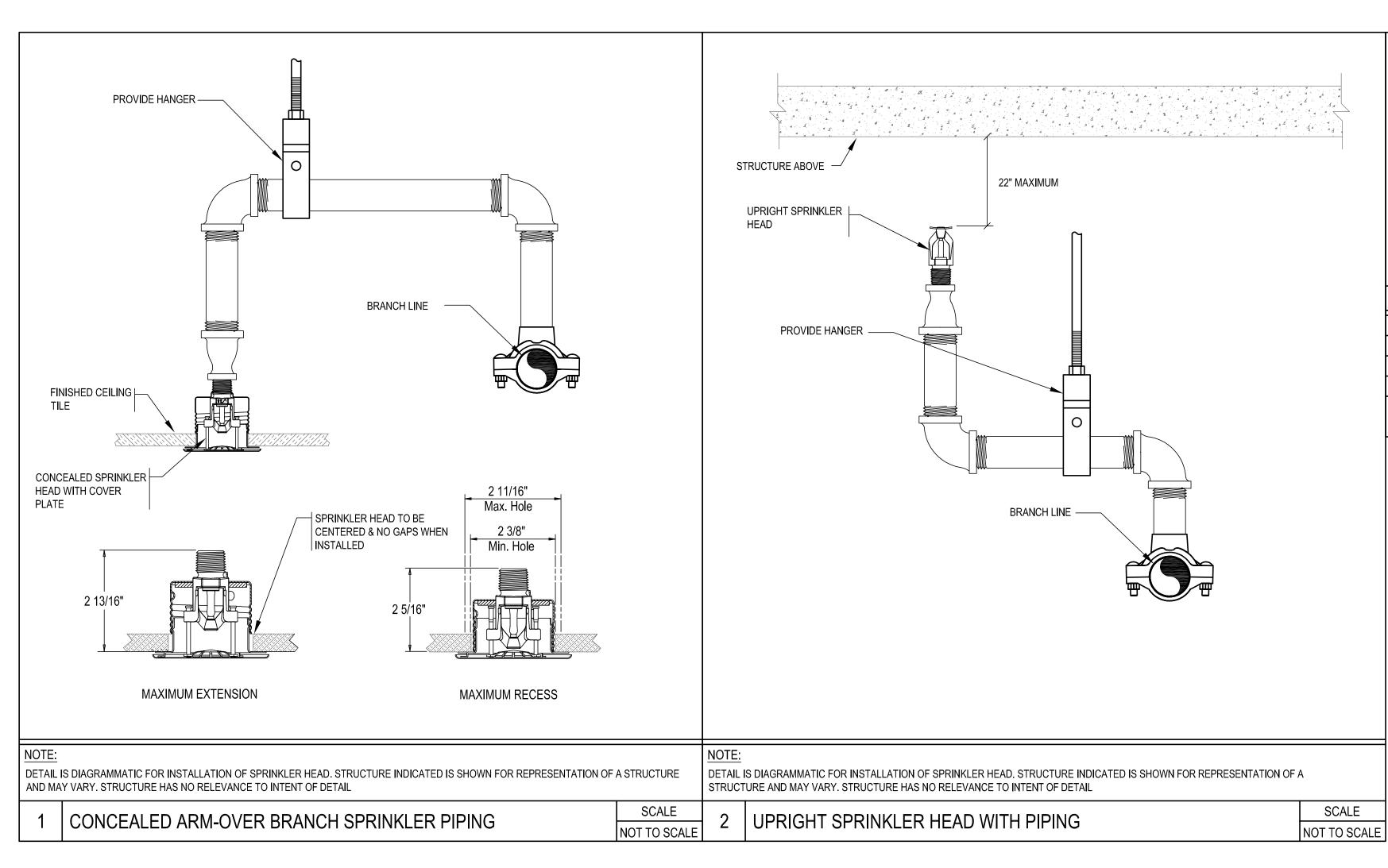




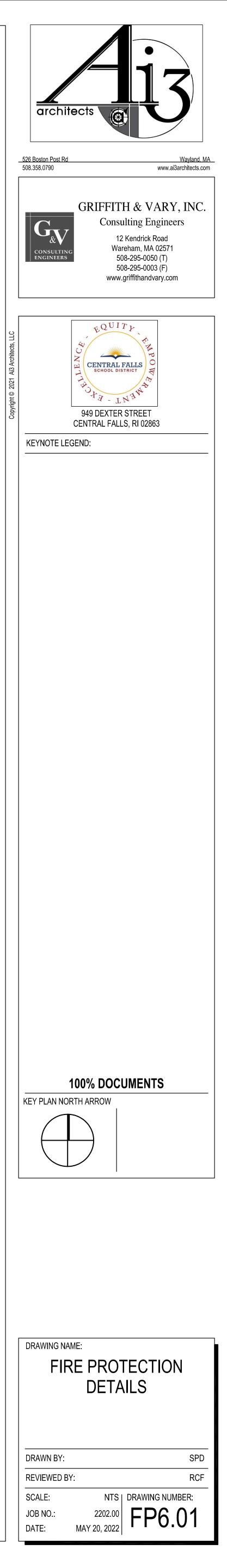


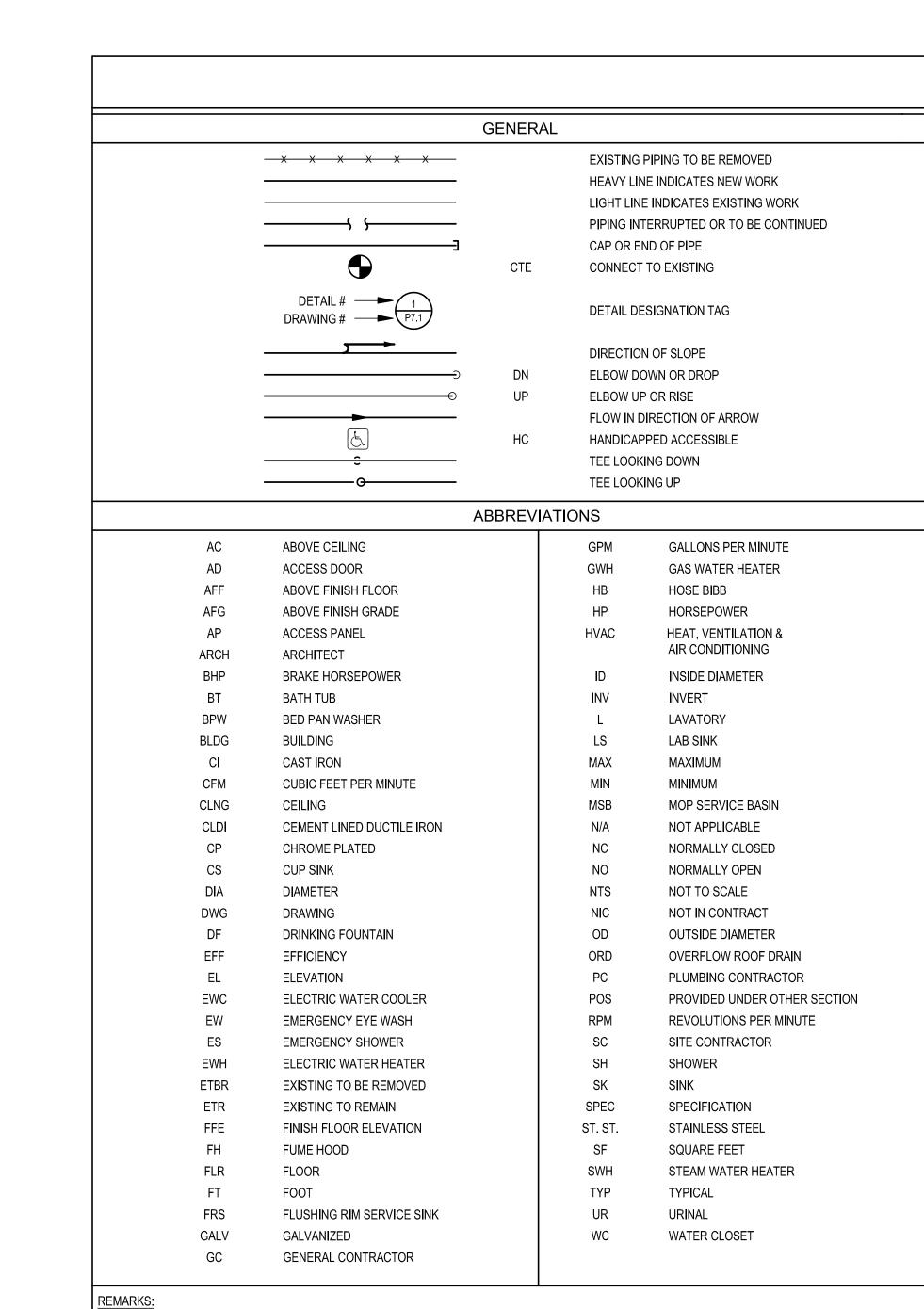






	HANGER ROD —					— HANGER ROD							
	LOCKING NUT —		LOCKING NUT										
	SUPPORT NUT -			SUPPORT NUT									
	CLEVIS HANGER BAND HANG												
	PIPE WITHOUT	10			PIPE WITHOUT INSULATION								
	ADJ	USTABLE CLEVIS	HANGER		BAND HANGER								
		MAXI	MUM PIPE/TU	BING SUPPOR	T SPACING, FI	EET							
NOMINAL SI	ZE THRU 3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"					
PIPE	7 FT	7 FT	7 FT	9 FT	10 FT	11 FT	12 FT	14 FT					
TUBING	5 FT	6 FT	7 FT	8 FT	8 FT	9 FT	10 FT	12 FT					
NOTE: FOR T	RAPEZE HANGER TAI	KE SPACING OF S	SMALLEST SIZE (	ON TRAPEZE									
3 P								SCALE					
								NOT TO SCALE					



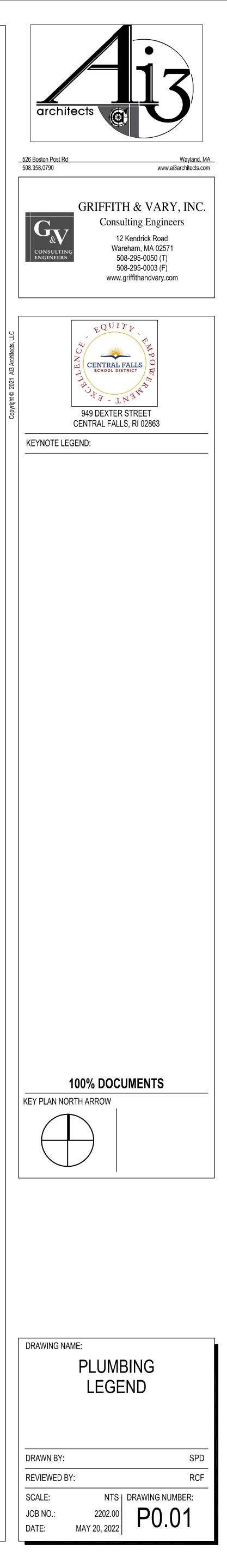


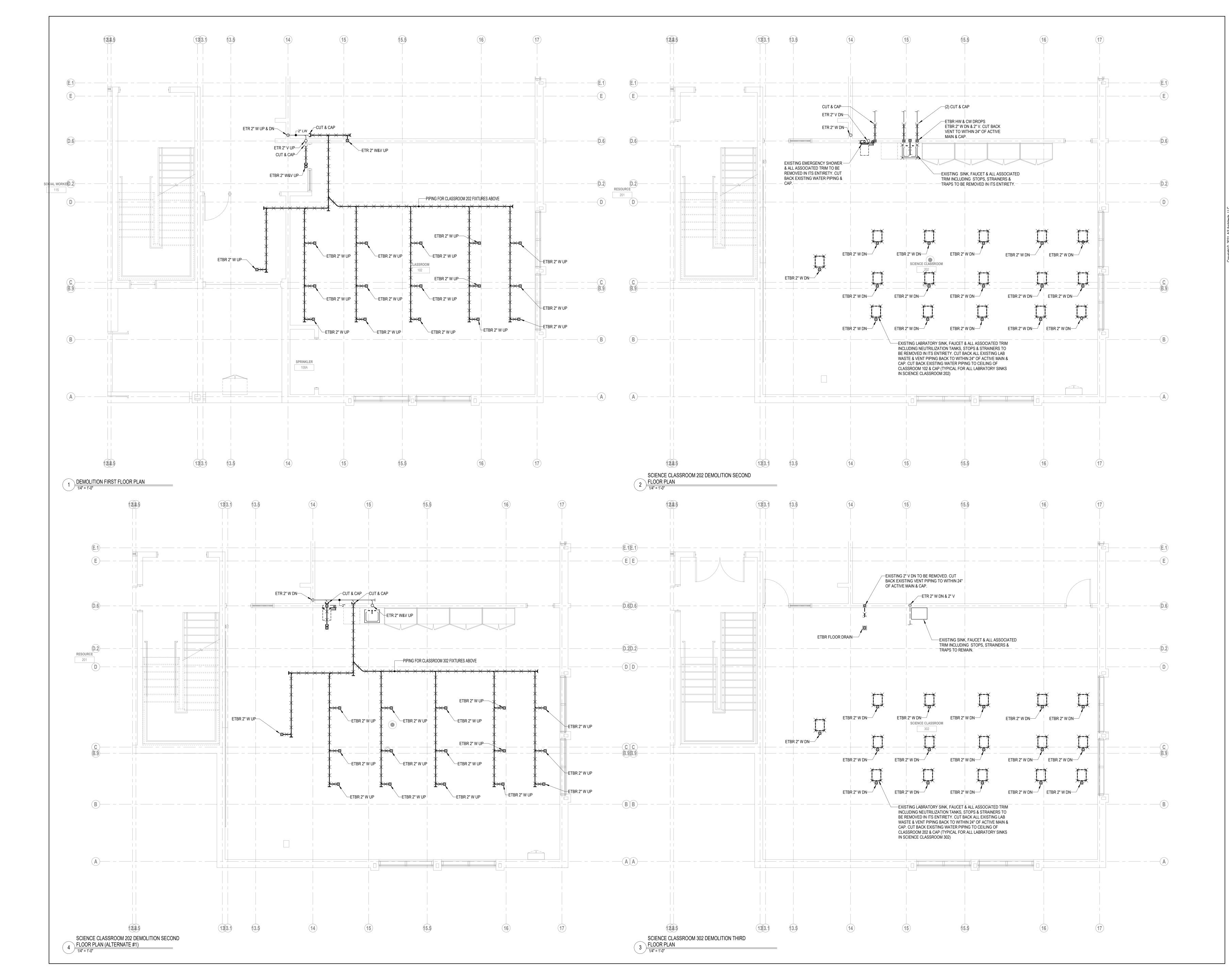
SYMBOLS WITHIN LEGEND FOR REFERENCE ONLY. ALL SYMBOLS SHOWN MAY NOT BE APPLICABLE TO PROJECT.

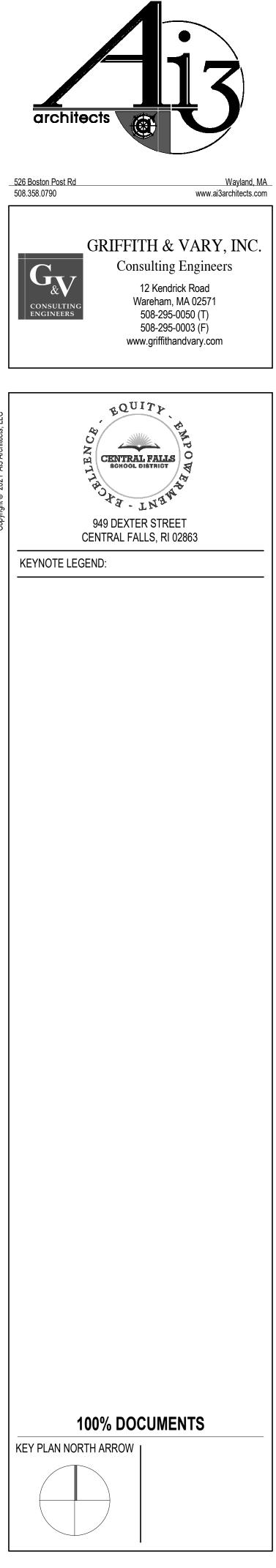
		FIXTURE		WATER SUPPLY						CONNECTION SIZE					ADA					
TAG DESCRIPTION	DESCRIPTION	MANUFACTURER	MODEL	MANUFACTURER	1 1		MANUFACTURER MODEL NO		APPURTI TYPE			TYPE	WASTE & TRAP	CARRIER	WASTE	WASTE VENT				MET REMARKS
<u>SK-1</u>	SINK	ELKAY	PLAFRU191610	CHICAGO FAUCETS	930- GN8BVBE7-317XK	MANUAL FAUCET	MCGUIRE MFG CO	LFBV-175	ANGLE STOPS	ELKAY	LK372	316 S.S. GRID STRAINER	MCGUIRE MFG CO 8089CBOS		2"	2"	1/2"	1/2"		N 304 S.S. UNDERMOUNT, 10" DEEP
<u>SK-2</u>	SINK - ACCESSIBLE	ELKAY	ELUHAD211555PD	CHICAGO FAUCETS	930- GN8BVBE7-317XK	MANUAL FAUCET	MCGUIRE MFG CO	LFBV-175	ANGLE STOPS	ELKAY	LKPDAD18B	OFFSET STRAINER	MCGUIRE MFG CO 8089CBOS		2"	2"	1/2"	1/2"		Y
<u>ES-1</u>	EMERGENCY SHOWER / EYEWASH	GUARDIAN	GBF2173	GUARDIAN	GV3800-LF	EMERGENCY SHOWER MIXING VALVE	GUARDIAN	AP 285-235	HORN / STROBE	MCGUIRE MFG CO	LFBV-175	ANGLE STOPS	MCGUIRE MFG CO 8089CBOS		2"	2"	1"	1"	3/4"	SURFACE MOUNTED
	Interstant of the stant of																			

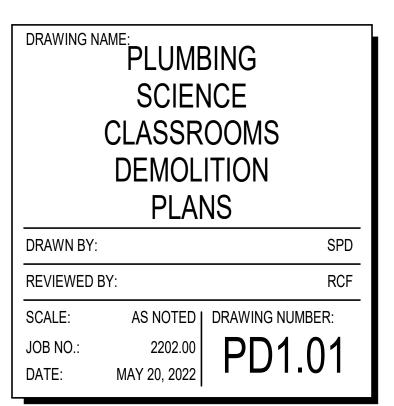
BALANCING VALVE	VALVES			DRAINAGE		
			INDIRECT WASTE	IW		
BALL VALVE	,		KITCHEN WASTE	KW		
BALL VALVE NORMALLY CLOSED	,		KITCHEN WASTE BURIED	KW	——————————————————————————————————————	
BALL VALVE NORMALLY OPEN	,	<b>T</b> NO	OVERFLOW RAINWATER / OVERFLOW STORM DRAIN	ORL	ORL	
BUTTERFLY VALVE	,		RAINWATER / STORM DRAIN	RL		
CHECK VALVE	- CV		RAINWATER / STORM DRAIN BURIED	RL	RL	
GAS COCK	,	₹	ACID WASTE	AW	AW	
GATE VALVE	,	——————————————————————————————————————	ACID WASTE VENT	AV	———— AV ————	
GATE VALVE NORMALLY CLOSED	,	→→	ACID WASTE BURIED	AW	AW	
MIXING VALVE (ELEVATION & PLAN)	,		ACID WASTE VENT BURIED	AV		
PRESSURE REDUCING / REGULATING VALVE	- PRV	X	UNDERSLAB DRAINAGE BURIED	US		
REDUCED PRESSURE BACKFLOW PREVENTER (2" OR LES	RPBP		SANITARY VENT	V		
REDUCED PRESSURE BACKFLOW PREVENTER	RPBP	Å	SANITARY VENT BURIED	V	============	
(ADJUSTABLE SET TURNED UP)			SOIL / SANITARY WASTE	W		
REDUCED PRESSURE BACKFLOW PREVENTER	RPBP	<u>Å</u> _	SOIL / SANITARY WASTE BURIED	W		
(ADJUSTABLE SET TURNED DOWN)			AREA DRAIN	AD	Ø	
SOLENOID VALVE		&	CLEANOUT	СО		
TEMPERATURE AND PRESSURE RELIEF VALVE	T&P	<u>A</u>	FLOOR CLEANOUT	FCO	Ø	
VALVE IN VERTICAL	VIV	→	FLOOR DRAIN	FD	Ø	
			GROUND CLEANOUT	GCO	Ø	
ES	ACCESSORIES		OVERFLOW DRAIN / SECONDARY ROOF DRAIN	OD	(©	
FLOW METER	FM	EM	P-TRAP			
GROUND HYDRANT	GH	сн Сн	ROOF DRAIN	RD	0	
HOSE BIBB	HB	+	WALL CLEANOUT	WCO	<b>O</b> H	
IN-LINE FILTER	1					
		U		GASES		
PIPE GUIDE / BEAM PENETRATION			AIR INTAKE PIPING	AI	——————————————————————————————————————	
PRESSURE GAUGE	PG	en 1997 -	EXHAUST AIR PIPING	EXH	— — — — — EXH — — — — —	
STRAINER			NATURAL GAS PIPING	G	G	
TEMPERATURE GAUGE	TG	P	COMPRESSED AIR	CA	CA	
TRAP PRIMER	- TP	C				
UNION				WATER		
VACUUM BREAKER	VB	<b>早</b>	140° HOT WATER	140°FHW	140°F	
WALL HYDRANT	WH	+	140° HOT WATER RETURN	140°FHWR	———— 140°F	
WATER HAMMER ARRESTOR / SHOCK ABSORBER	WHA		COLD WATER	CW	CW	
WATER PROOF PIPE SLEEVE			HOT WATER	HW	HW	
			HOT WATER RETURN	HWR	HWR	
			TRAP PRIMER	TP	TP	
			EMERGENCY WATER W/ HEAT TRACE	EW	<del>-/////</del> EW -//////	
	- VB WH		140° HOT WATER RETURN COLD WATER HOT WATER HOT WATER RETURN TRAP PRIMER	140°FHWR CW HW HWR TP		

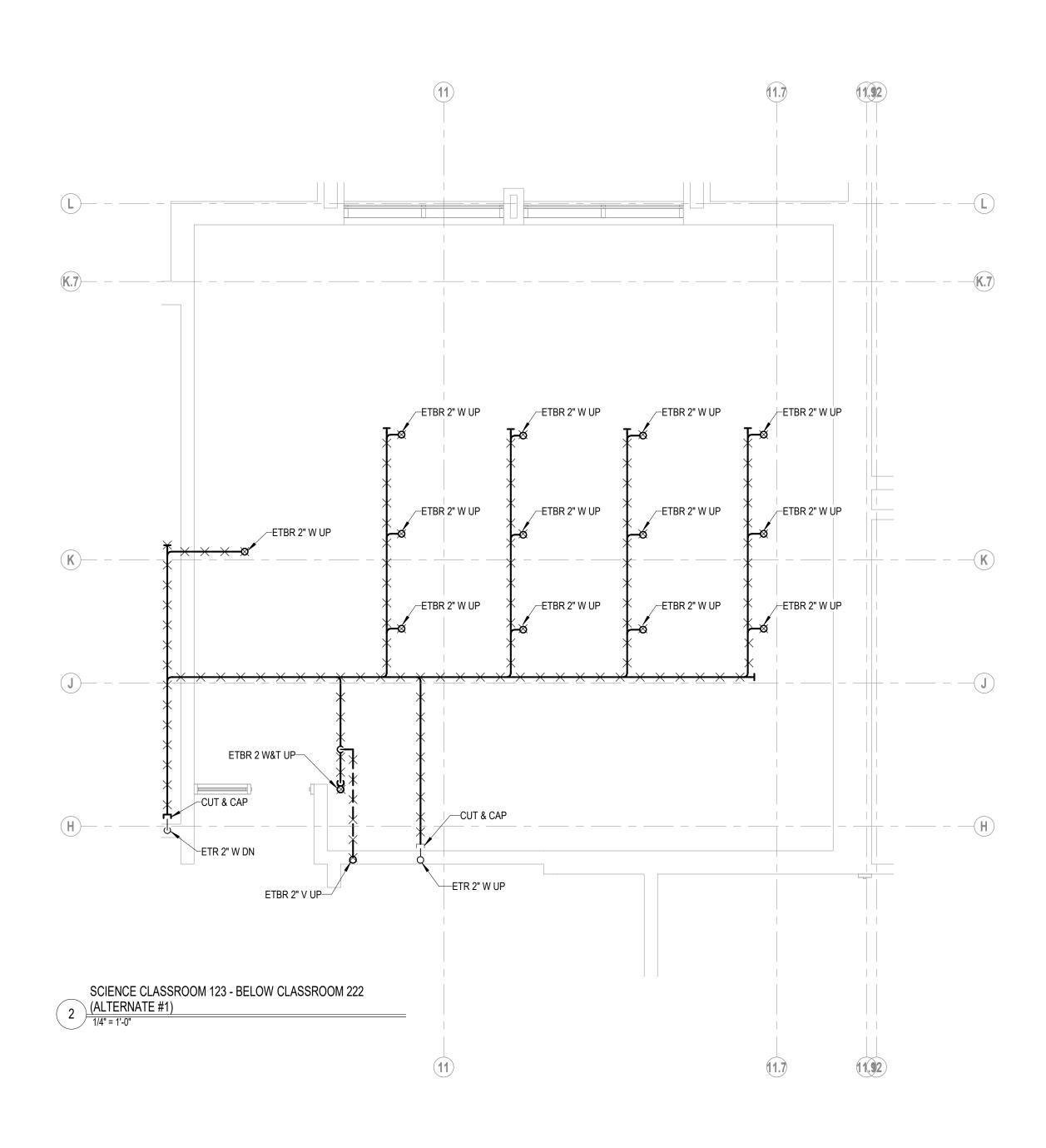
# PLUMBING FIXTURE SCHEDULE

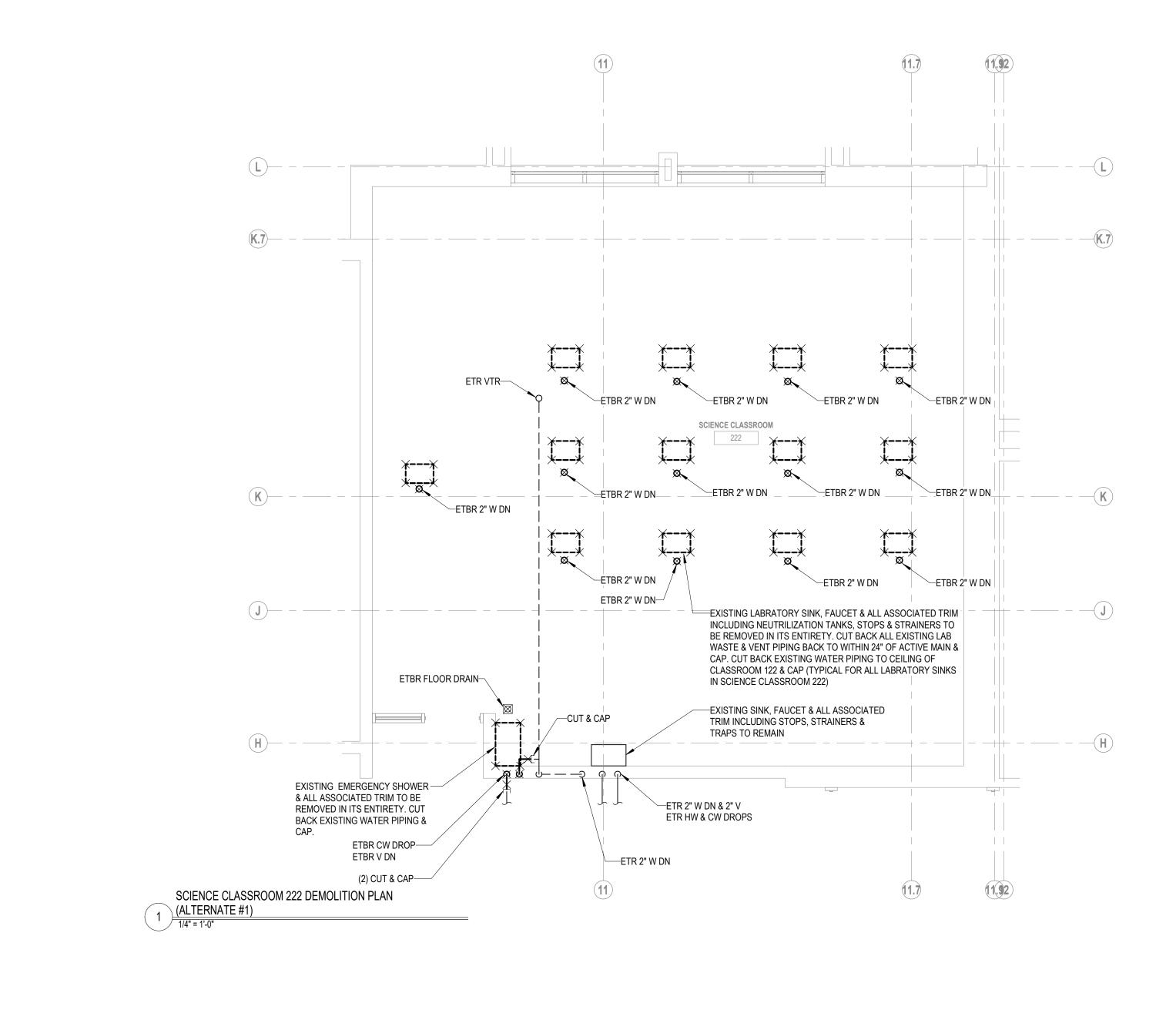


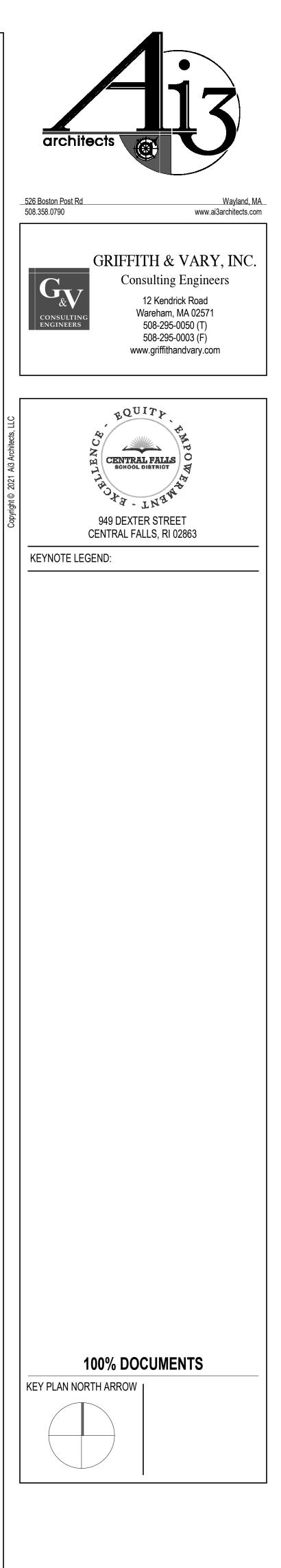


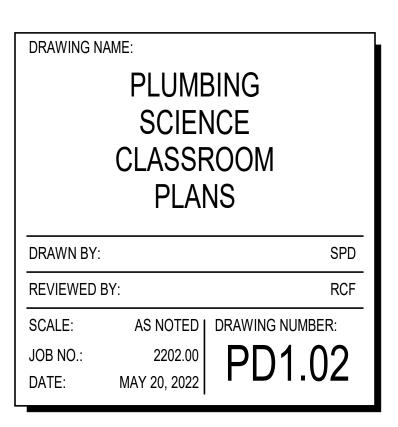


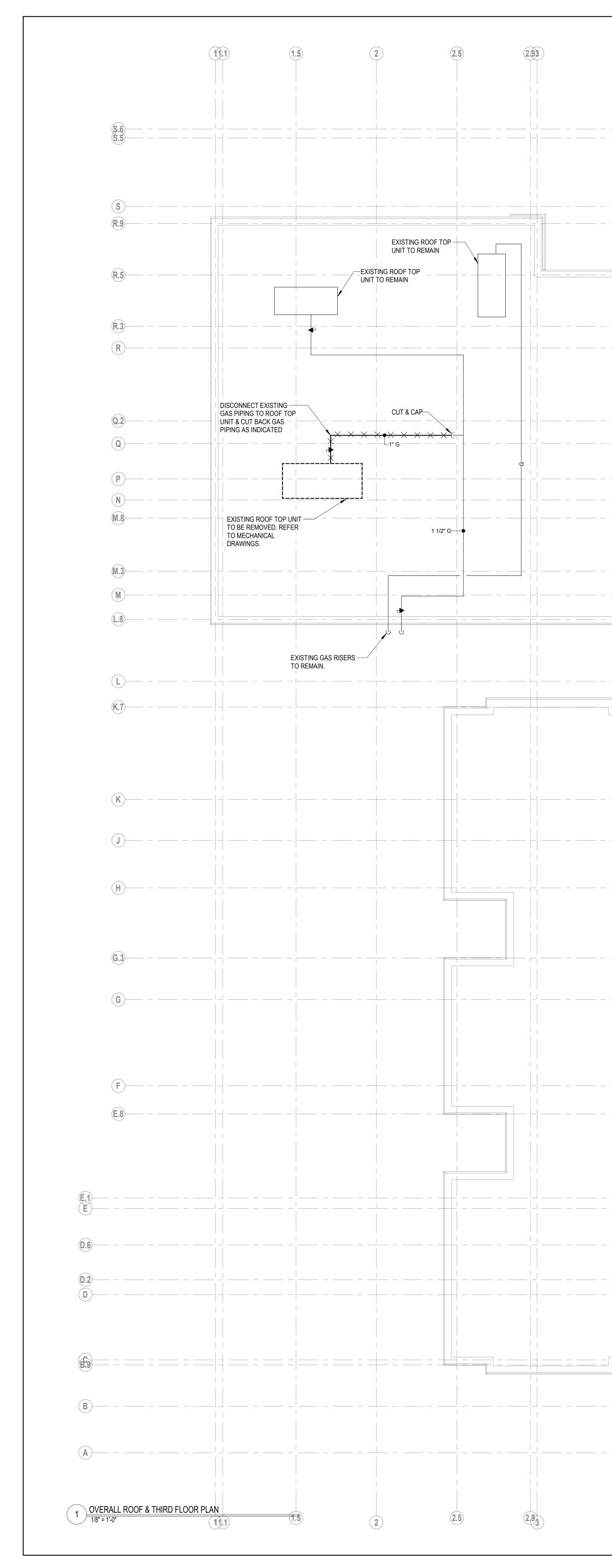




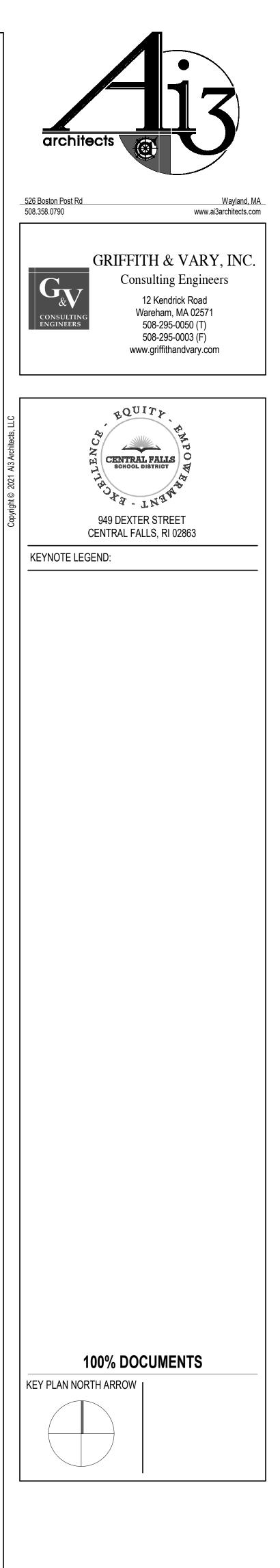


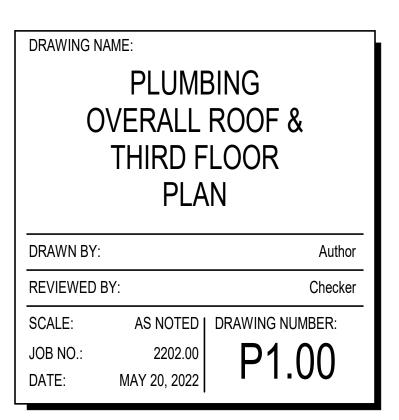


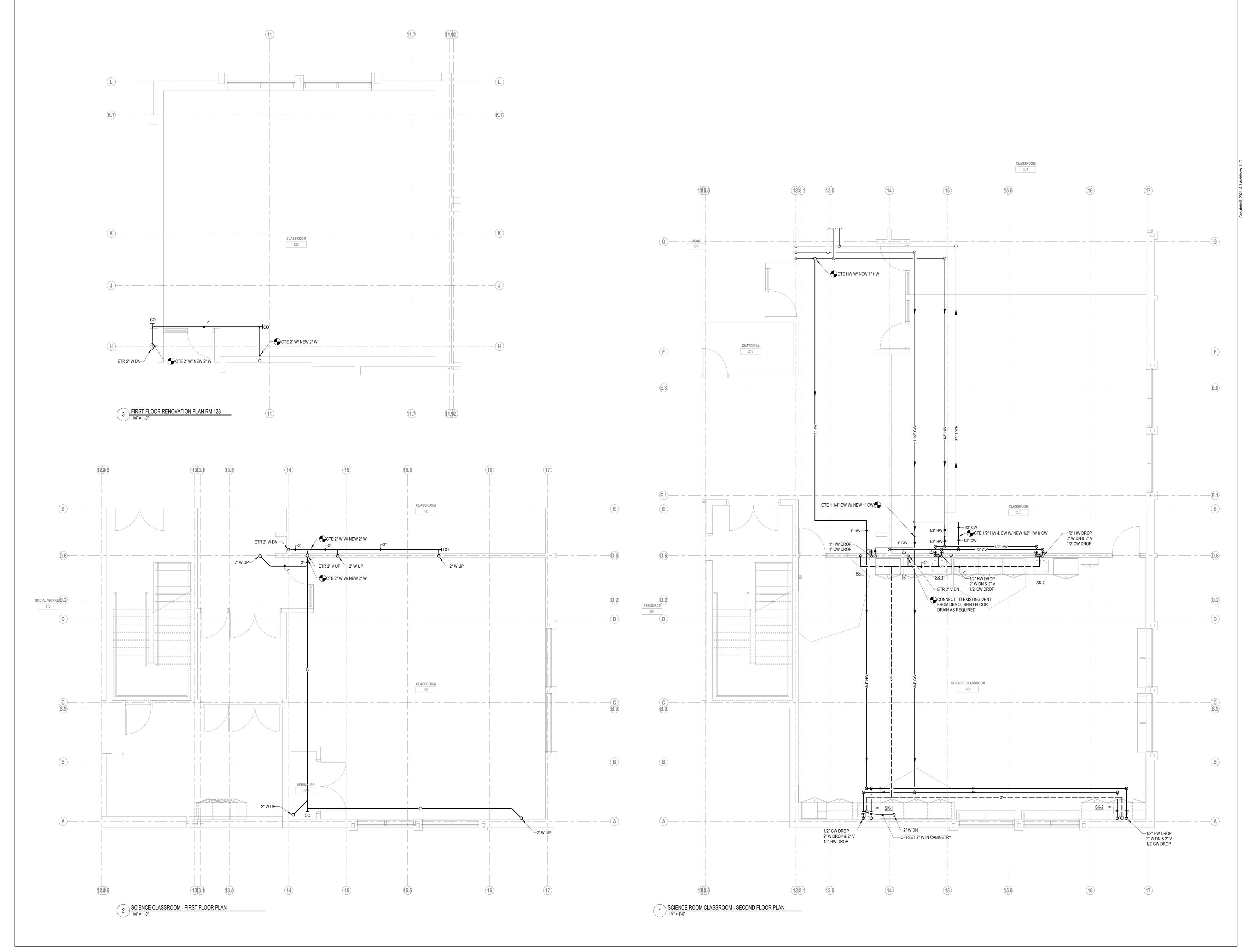


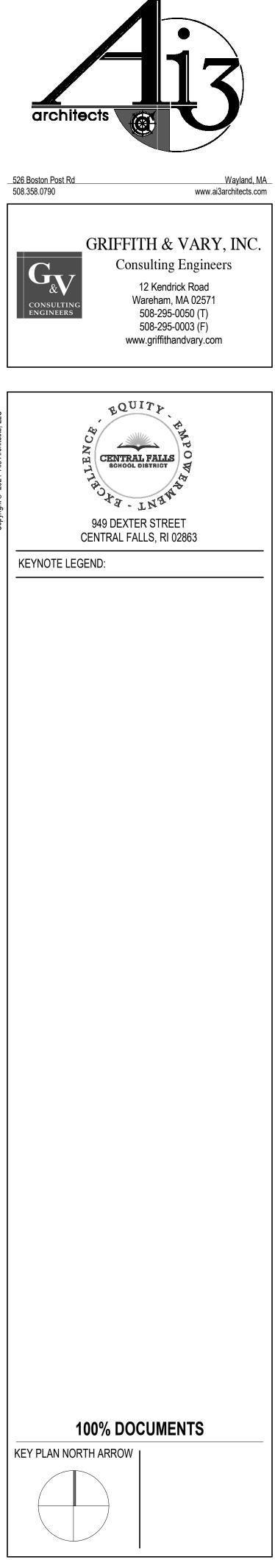


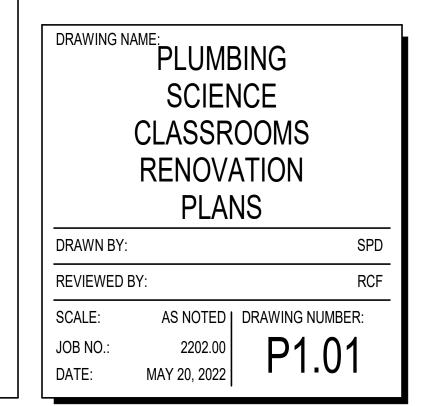
5	6	6.9	(7.7)	8	9	10		(1	.7 111				13.5			15.5		17	
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	   									             		             		 					 -(R.3) -(R)
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5	6	6.9	(7.7)	8	9	(10)	(11)	11			12245	1331		14		15.5	16	17	











# ABBREVIATIONS

ACC	AIR COOLED CHILLER	GPM
ACCU	AIR COOLED CONDENSING UNIT	GV
AD	ACCESS DOOR	HVAC
AFG	ABOVE FINISHED GRADE	HUH
AFF	ABOVE FINISHED FLOOR	LAT
AHU	AIR HANDLING UNIT	LWT
AP	ACCESS PANEL	MAU
AS	AIR SEPARATOR	MAX
ATC	TEMPERATURE CONTROL CONTRACTOR	MIN
CFM	CUBIC FEET PER MINUTE	OA
CU	CONDENSING UNIT	Р
CUH	CABINET UNIT HEATER	PC
CO	CLEAN OUT	PD
СР	CONDENSATE PUMP	PTAC
CV	CONVECTOR	R
DB	DRY BULB TEMP. DEGREES F.	RF
DF	DESTRATIFICATION FAN	RH
E	EXHAUST AIR DEVICE	RI
EAT	ENTERING AIR TEMP. DEGREES F.	RP
EC	ELECTRICAL CONTRACTOR	RTU
EF	EXHAUST FAN	S
ERU	ENERGY RECOVERY UNIT	SA
EUH	ELECTRICAL UNIT HEATER	Т
ET	EXPANSION TANK	ТВ
EWT	ENTERING WATER TEMP. DEGREES F.	VFD
FCU	FANCOIL UNIT	WB
FT	FINTUBE (RADITION)	WMS
GC	GENERAL CONTRACTOR	

## SHEETMETAL

GALLONS PER MINUTE		SUPPLY AIR DUCT TURN TOWARD		DUCT W/ 1" ACOUSTICAL LINER
GRAVITY VENTILATOR				
HEATING, VENTILATING & AIR CONDITIONING CONTRACTOR		SUPPLY AIR DUCT TURN AWAY		DUCT ELBOW W/ TURNING VANES
HORIZONTAL UNIT HEATER				
LEAVING AIR TEMP. DEGREES F.		RETURN / EXH. AIR DUCT TURN TOWARD		DUCT OFFSET UP OR DOWN (ARROW INDICATES DIRECTION OF FLOW
LEAVING WATER TEMP. DEGREES F.			DN	
MAKE-UP AIR UNIT		RETURN / EXH. DUCT TURN AWAY		FLEXIBLE DUCT
MAXIMUM			— <u> </u>	GRAPHIC BREAK &/OR CONTINUATION
MINIMUM	L	VOLUME DAMPER		OF DUCT OR PIPING
OUTSIDE AIR	٧D		$\square$	SUPPLY DIFFUSER OR GRILLE
PUMP	ACD	AUTOMATIC CONTROL DAMPER		RETURN/EXHAUST REGISTER OR GRILLE
PLUMBING CONTRACTOR	ACD		ИТВЪ	VARIABLE AIR VOLUME TERMINAL BOX
PRESSURE DROP (FEET OF WATER)		FIRE DAMPER		WITH HOT WATER REHEAT COIL
PACKAGED TERMINAL AIR CONDITIONER	<sup>–</sup> FD			DUCT MOUNTED SMOKE DETECTOR FURNISHED AND WIRED BY ELEC. CONT'R.
RETURN AIR DEVICE	————— —————— 	MOTORIZED DAMPER	s ////////	INSTALLED BY MECHANICAL CONTRACTOR DUCTWORK TO BE DEMOLISHED
RETURN FAN			· <del>/////</del> /	
REHEAT COIL		BRANCH TAKE OFF		
ROOF INTAKE				
RADIANT PANEL		PIPIN	G	
ROOFTOP UNIT		<u> </u>		

## ROOFTOP UNIT

SUPPLY AIR DEVICE

### SOUND ATTENUATOR

TRANSFER GRILLE

TERMINAL BOX

### VARIABLE FREQUENCY DRIVE

### WET BULB TEMP. DEGREES F.

WIRE MESH SCREEN

### HOT WATER SUPPLY HOT WATER RETURN -HWR------

DIRECTION OF FLOW 

PIPING TO BE DEMOLISHED

- 1. THE HVAC SUBCONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR HEIGHTS WHICH SHALL BE MAINTAINED. 2. THE HVAC SUBCONTRACTOR SHALL INVESTIGATE AVAILABLE SPACE FOR ALL EQUIP CEILINGS BEFORE SUBMISSION OF SHOP DRAWINGS. 3. HVAC SUBCONTRACTOR SHALL COORDINATE ALL DIFFUSER, REGISTER AND GRILLE L REFLECTED CEILING PLANS, AND ANY RELOCATIONS DUE TO FIELD CONDITIONS SHA APPROVED BY THE ARCHITECT AND/OR ENGINEER.
- 4. ALL FIRE DAMPER RATINGS SHALL CORRESPOND TO THE FIRE RATING OF THE WALL THEY ARE LOCATED.
- ADEQUATE SITE ACCESS PANELS SHALL BE FURNISHED AND INSTALLED FOR ALL EQ 5 REQUIRING SERVICE, MAINTENANCE AND REPLACEMENT FOR THE BALANCING OF VA THE OPERATION OF HVAC SYSTEMS IN COORDINATION WITH THE GENERAL CONTRACT THE SPECIFICATIONS.
- 6. ALL EQUIPMENT DRAIN POINTS SHALL BE PIPED TO THE NEAREST FLOOR DRAIN.
- 7. ALL PIPING RUNOUTS SHALL BE 3/4 INCH MINIMUM UNLESS OTHERWISE NOTED.
- 8. DUCT SIZES INDICATED ON THE DRAWINGS ARE TO BE NET FREE AREA. ALL DUCTWO CONSTRUCTED, INSTALLED AND SEALED (CLASS A), PER THE LATEST SMACNA REQU
- 9. ALL SQUARE ELBOWS AND BULLHEAD TEES SHALL HAVE TURNING VANES. 10. GENERAL CONTRACTOR SHALL PROVIDE CURBS AROUND ALL DUCTWORK PENETRA
- THE ROOF.
- 11. HVAC SUBCONTRACTOR SHALL SEAL THE DUCTWORK AND/OR PIPING PENETRATIONS AND/OR SMOKE RATED WALLS WITH APPROVED FIRE STOP MATERIAL.
- 12. PARTICULAR ATTENTION SHOULD BE PAID TO ADDITIONAL NOTES SHOWN ON THE IN DRAWINGS.
- 13. THE DUCTWORK AND PIPING SYSTEMS SHOWN ON THE DRAWINGS ARE SHOWN DIAG WITHOUT EVERY OFFSET AND TRANSITION REQUIRED TO INSTALL THE WORK. OBVIOU AND TRANSITIONS, AS RELATED TO HVAC, ARE SHOWN WHERE POSSIBLE WITHOUT A CLARITY OF THE DRAWINGS.
- 14. ALL PIPING AND DUCTWORK SHALL BE RUN ABOVE THE CEILINGS UNLESS NOTED OT 15. ALL THERMOSTATS TO BE MOUNTED ABOVE LIGHT SWITCHES ON SAME CENTERLINE FINISHED FLOOR WHERE APPLICABLE, OR OTHERWISE NOTED. REFER TO ARCHITECT
- FOR EXACT LOCATION. 16. THE FIRST FOUR (4'-0") FEET OF DUCTWORK BEHIND ANY DIFFUSER, GRILLE OR REGIS BE PAINTED FLAT BLACK.
- 17. ALL MATERIALS INSTALLED IN THIS WORK SHALL BE NEW UNLESS SPECIFICALLY NOT RE-USE.
- 18. ALL WORK PERFORMED SHALL BE GUARANTEED FREE FROM DEFECTS IN WORKMAN MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE BY T UNLESS SUCH DEFECTS ARE CLEARLY THE RESULT OF MISUSE OF EQUIPMENT BY P UNDER THE CONTROL OF THE SUBCONTRACTOR.
- 19. THE HVAC SUBCONTRACTOR SHALL OBTAIN INSTALLATION INSTRUCTIONS ON EACH F EQUIPMENT TO BE FURNISHED WHICH THE HVAC SUBCONTRACTOR IS REQUIRED TO TO WHICH FINAL CONNECTIONS ARE TO BE MADE UNDER THE HVAC CONTRACT. THE SUBCONTRACTOR SHALL INSTALL AND MAKE FINAL CONNECTIONS PER THE MANUFAG INSTRUCTIONS AND RECOMMENDATIONS. THE CONTRACTOR SHALL DEMONSTRATE 1 THAT THE INSTALLED EQUIPMENT OPERATES AS DESIGNED.
- 20. ALL WORK UNDER THIS SECTION SHALL BE COORDINATED WITH ALL OTHER TRADES INSTALLATION IS MADE.
- 21. COORDINATE ALL MOTORS, STARTERS, DISCONNECT AND SMOKE DETECTOR REQUI ELECTRICAL SUBCONTRACTOR FOR ALL EQUIPMENT REQUIRING SAME.

# VALVES

EQUIP TYPE

EQUIP #/CFM

DWG. NO.

	GATE VALVE
$\rightarrow \rightarrow \rightarrow$	GATE VALVE W/ HOSE BIBB END
	BALANCING VALVE
<u> </u>	BUTTERFLY VALVE
	2-WAY CONTROL VALVE
- <del>K,</del>	"Y" STRAINER
	"Y" STRAINER W/ BLOW DOWN, H.W. SYSTEMS
	PIPE ANCHOR
	PIPE GUIDE
[FD]	FLOW MEASURING DEVICE
	AUTOMATIC AIR ELIMINATOR
	MANUAL AIR ELIMINATOR
	BALL VALVE
)	PIPE TURN AWAY
———————————————————————————————————————	PIPE TURN TOWARDS
—	UNION
$\neg \neg$	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
Ţ	CAPPED PIPE
	SIDE CONNECTION
<u> </u>	BOTTOM CONNECTION 45 OR 90 DEGREES
	TOP CONNECTION 45 OR 90 DEGREES
—k—	COMBINATION BALANCING SHUT-OFF
——	EXPANSION COMPENSATOR

# GENERAL

EQUIPMENT DESIGNATION

SECTION NO. SECTION DESIGNATION

THERMOSTAT - MOUNT 48" A.F.F.

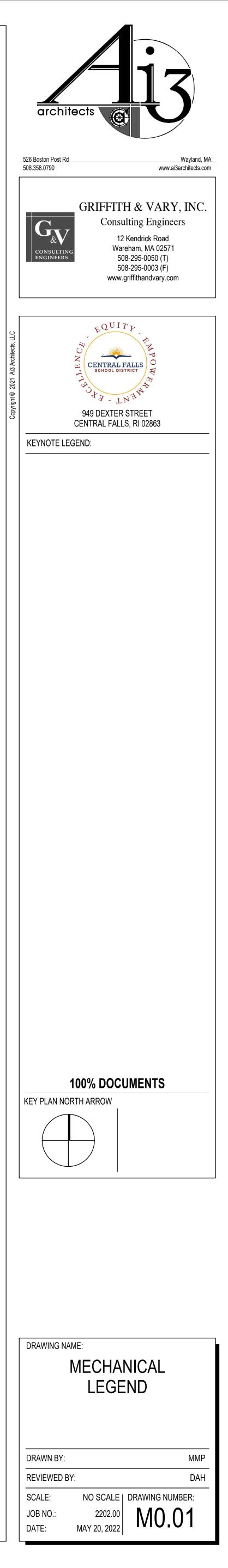
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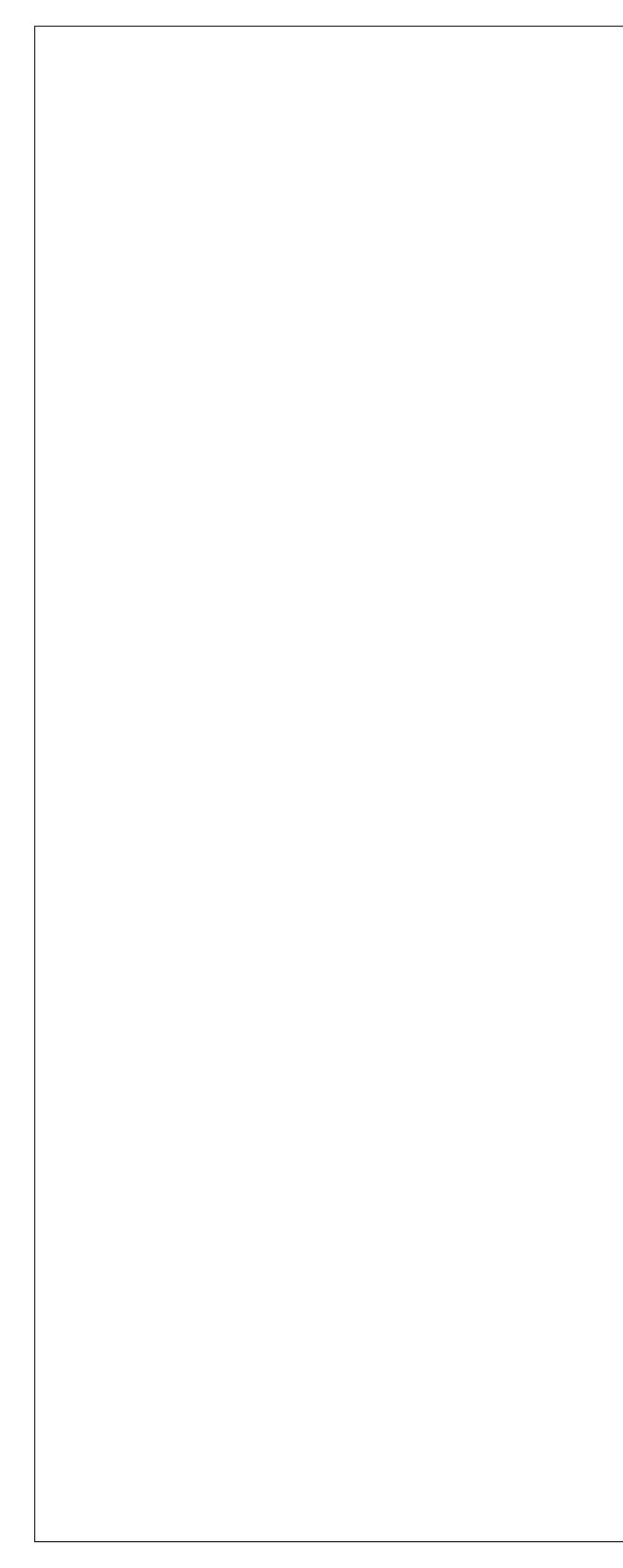
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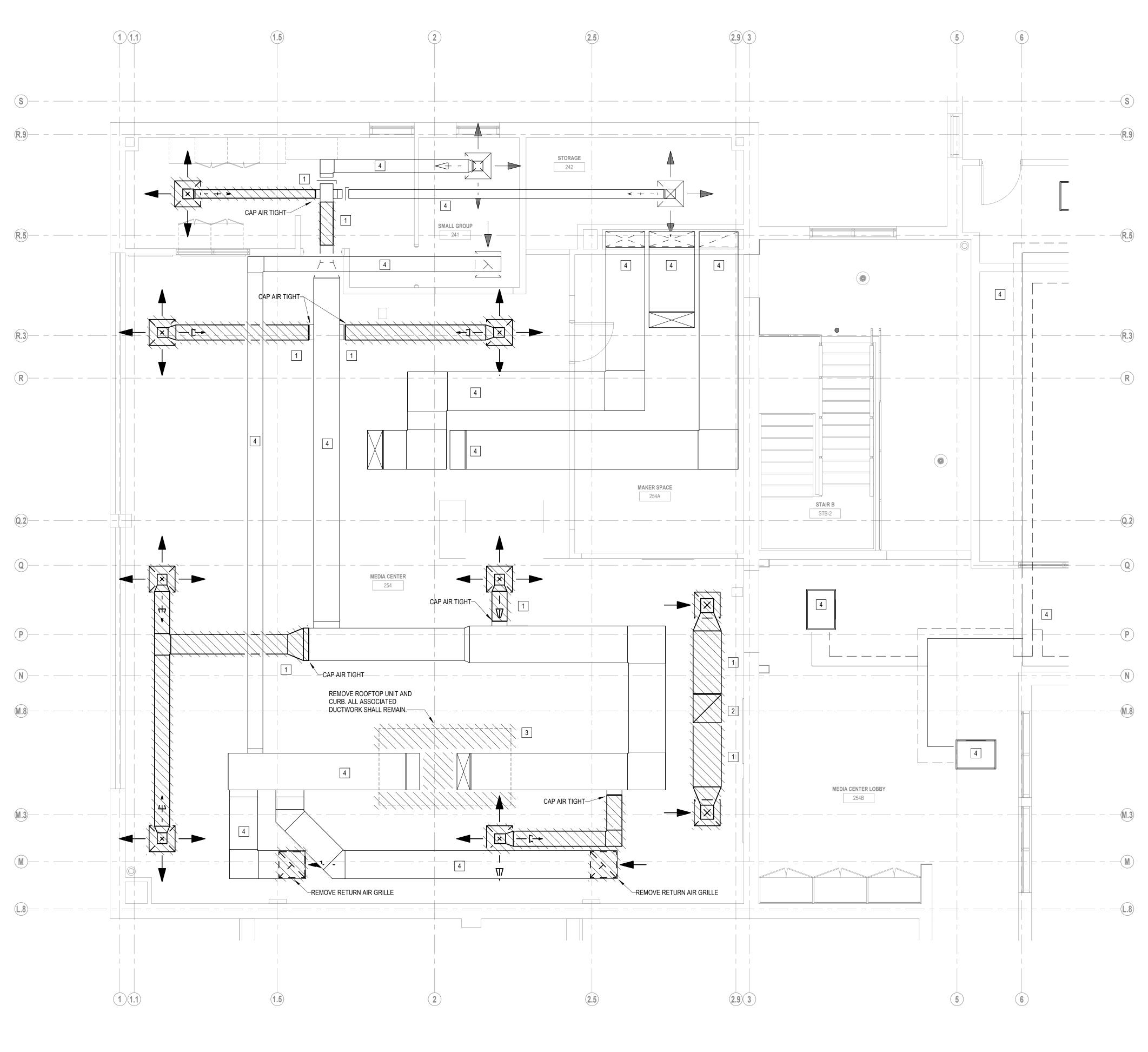
UNDERCUT DOOR

## GENERAL MECHANICAL NOTES APPLICABLE TO ALL DRAWINGS

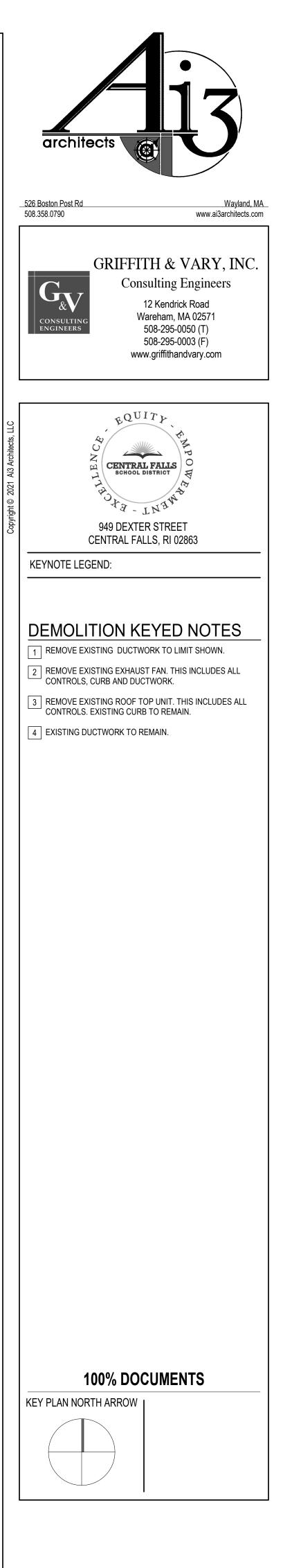
APPLICABLE TO ALL DRAWINGS		
FOR THE CEILING	22.	ALL EQUIPMENT TO BE INSTALLED EXPOSED IN FINISHED AREAS (REGISTERS, GRILLES, DIFFUSERS, ETC.) SHALL BE LOCATED AS INDICATED ON THE ARCHITECTURAL DRAWINGS. FINAL LOCATIONS SHALL BE AS SELECTED BY THE ARCHITECT UNLESS OTHERWISE NOTED.
	23.	ALL EQUIPMENT TO BE INSTALLED EXPOSED IN FINISHED AREAS (REGISTERS, GRILLES, DIFFUSERS, ETC.) SHALL HAVE COLORS SELECTED BY THE ARCHITECT UNLESS OTHERWISE NOTED.
LE LOCATIONS WITH SHALL BE	24.	ALL HVAC EQUIPMENT SHALL BE INSTALLED, COORDINATED WITH ALL TRADES, IN SUCH A WAY SO THAT LIGHTS, CONDUITS, SPRINKLERS, SUPPLY AND/OR DRAIN PIPING DO NOT BLOCK ACCESS TO UNITS AND RELATED ACCESSORIES.
ALL IN WHICH	25.	FOR LOCATION OF OPENINGS IN ROOF, SEE ARCHITECTURAL DRAWINGS. FINAL OPENING SIZES SHALL SUIT APPROVED SHOP DRAWINGS.
EQUIPMENT F VALVES AND FOR RACTOR, AS PER	26.	THE HVAC CONTRACTOR SHALL FURNISH ALL SUPPORT STEEL REQUIRED FOR THE INSTALLATION OF HVAC EQUIPMENT, UNLESS OTHERWISE INDICATED.
	27.	THE HVAC CONTRACTOR SHALL FIELD MEASURE ALL DUCT RUNS PRIOR TO FABRICATING DUCTWORK. FURNISH AND INSTALL ALL DUCT TRANSITIONS, ELBOWS, FITTINGS AND OFFSETS REQUIRED TO ACCOMMODATE FIELD CONDITIONS.
WORK SHALL BE	28.	ALL PIPING ENCLOSED WITHIN WALLS, CEILINGS OR FLOORS SHALL BE LEAK TESTED PRIOR TO BEING CONCEALED.
QUIREMENTS.	29.	THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RIGGING AND STAGING REQUIRED FOR THE INSTALLATION OF THE HVAC SYSTEMS.
RATIONS THROUGH	30.	UNDERCUT DOORS AND DOOR LOUVERS ARE BY THE GENERAL CONTRACTOR.
IONS THROUGH FIRE	31.	ALL CEILING-MOUNTED EQUIPMENT SHALL BE INSTALLED IN SUCH A WAY THAT LIGHTS, PIPING AND DUCTWORK DO NOT BLOCK ACCESS TO UNITS AND RELATED ACCESSORIES.
E INDIVIDUAL	32.	HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHEETMETAL TRANSITIONS AT AIR TERMINAL UNITS, FANS, COILS AND OTHER SIMILAR HVAC EQUIPMENT.
DIAGRAMMATICALLY VIOUS OFFSETS JT AFFECTING THE	33.	THE HVAC CONTRACTOR SHALL PROVIDE REMOTE THERMOSTATS FOR EACH HORIZONTAL UNIT HEATER, CABINET UNIT HEATER, FINNED TUBE RADIATION, WALL HEATER, AND CONVECTOR. ALL THERMOSTATS INSTALLED IN PUBLIC AREAS SUCH AS CORRIDORS, TOILET ROOMS, STAIRWELLS AND ASSEMBLY SPACES SHALL BE PROTECTED BY A TAMPERPROOF GUARD.
OTHERWISE.	34.	FURNISH AND INSTALL FIRE DAMPERS AT ALL DUCT FLOOR PENETRATIONS.
INE, 4'-0" ABOVE ECTURAL DRAWINGS	35.	FURNISH AND INSTALL FIRE DAMPERS AT ALL 2 HR FIRE RATED WALLS.
	36.	ALL ROOF O.A. INTAKES FOR HORIZONTAL UNIT VENTILATORS SHALL BE PROVIDED WITH A "LOW LEAK" AUTOMATIC CONTROL DAMPER MOUNTED IN THE DUCTWORK IMMEDIATELY BELOW THE ROOF.
EGISTER SHALL	37.	HVAC EQUIPMENT WITH FANS TO BE PROVIDED WITH FLEXIBLE CONNECTIONS ON INLET AND DISCHARGE OF FAN TO DUCTWORK.
NOTED FOR	38.	REFRIGERANT PIPE SIZES PER UNIT MANUFACTURERS RECOMMENDATIONS.
	39.	PROVIDE ACCESS PANELS AT ALL FIRE DAMPER LOCATIONS.
3Y THE OWNER, Y PERSONS NOT	40.	DUCT SIZES INDICATED ON DRAWINGS ARE TO BE NET FREE AREA.
	41.	PITCH ALL HORIZONTAL CONDENSATE DRAIN LINES 1/8" PER FOOT OF RUN.
CH PIECE OF ) TO INSTALL OR	42.	ALL SQUARE ELBOWS AND BULL HEAD TEES TO HAVE TURNING VANES.
IHE HVAC JFACTURER'S	43.	DROP CONDENSATE DRAIN PIPES DOWN IN WALL ON WARM SIDE OF INSULATION.
TE TO THE OWNER	44.	DUCT DIMENSIONS SHWON ON ACOUSTICALLY LINED DUCTWORK ARE FOR CLEAR INSIDE DIMENSION AFTER APPLICATION OF LINER.
DES BEFORE	45.	ALL DIFFUSERS AND REGISTERS IN WET AREAS, (LOCKER ROOMS, TOILETS, SHOWERS, JAN. CLOSETS, ETC.) SHALL BE OF ALUMINUM CONSTRUCTION.
QUIREMENTS WITH	46.	MECHANICAL CONTRACTOR SHALL INSTALL ALL NEW HVAC EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS AND SHALL MAINTAIN ALL REQUIRED SERVICE CLEARANCES.

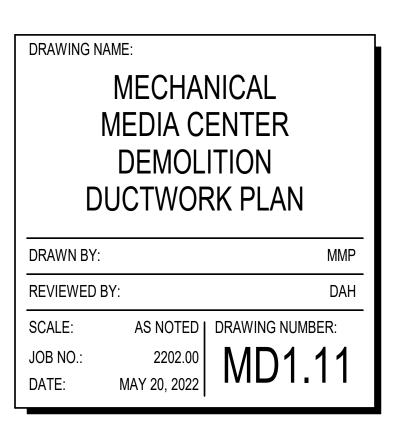


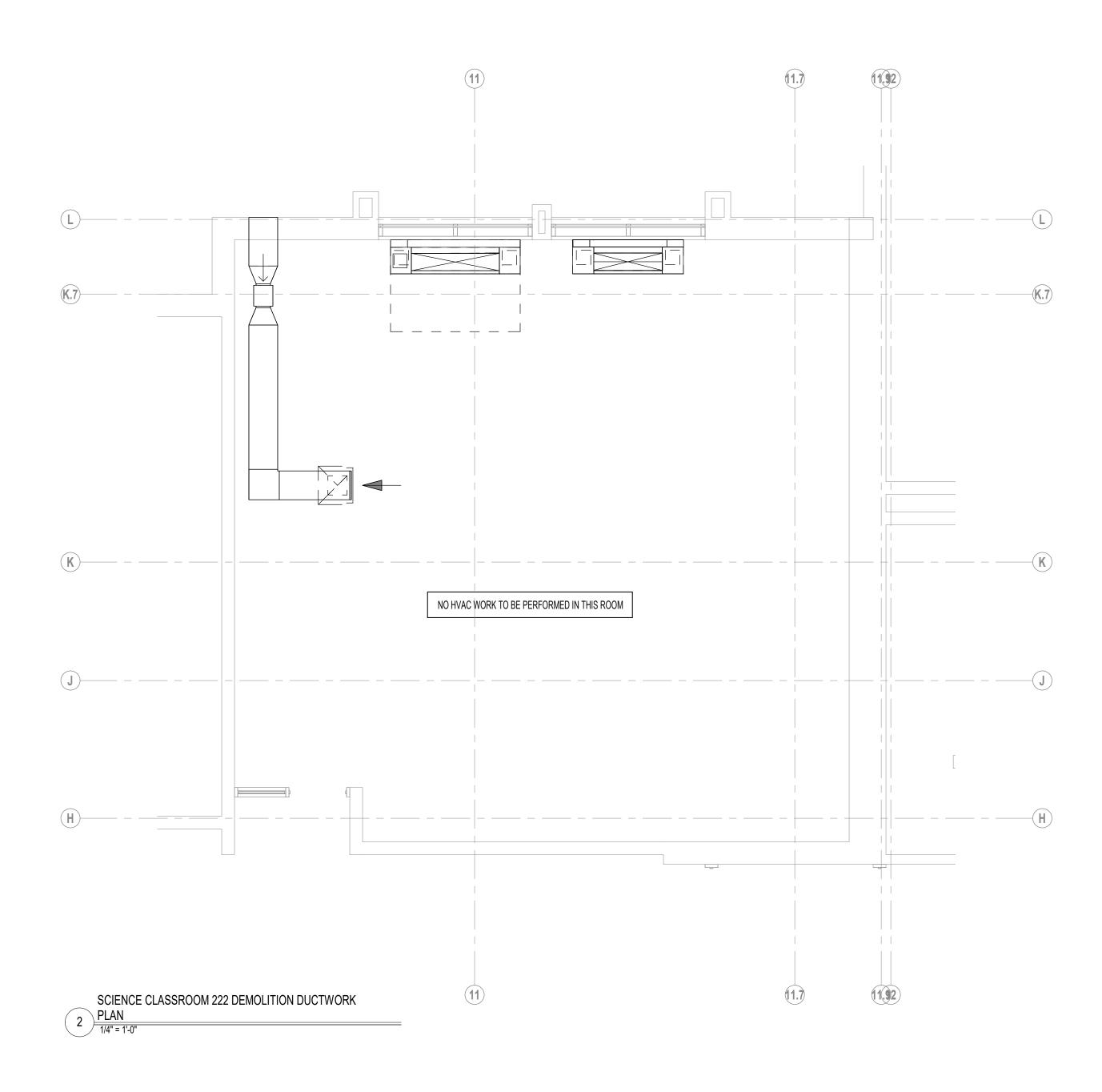


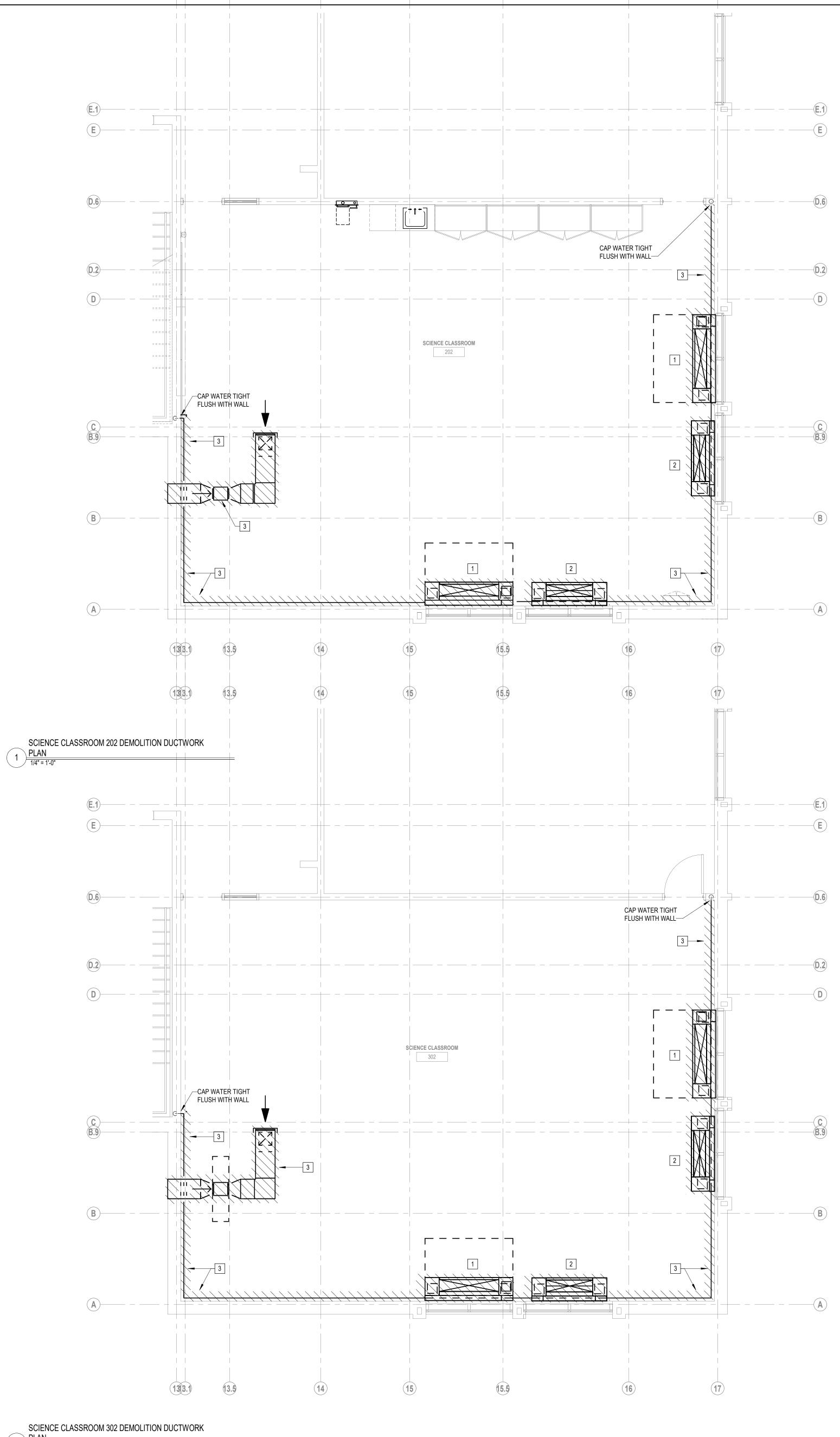


1 MEDIA CENTER 254 DEMOLITION DUCTWORK PLAN



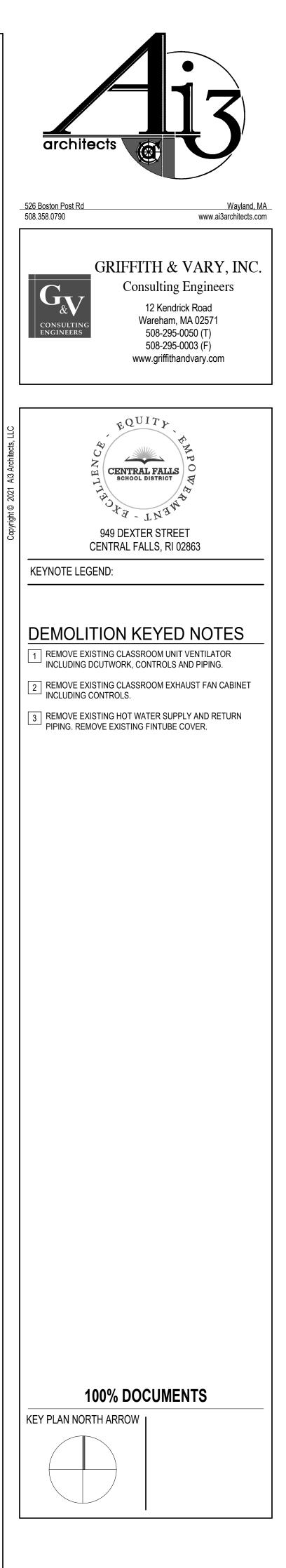


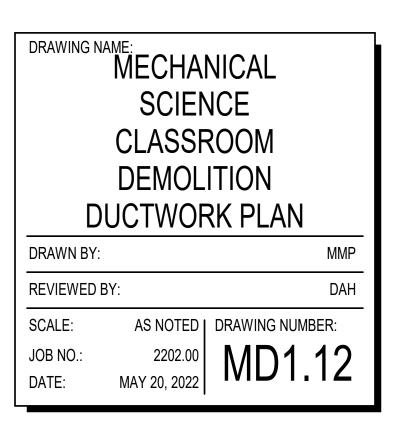


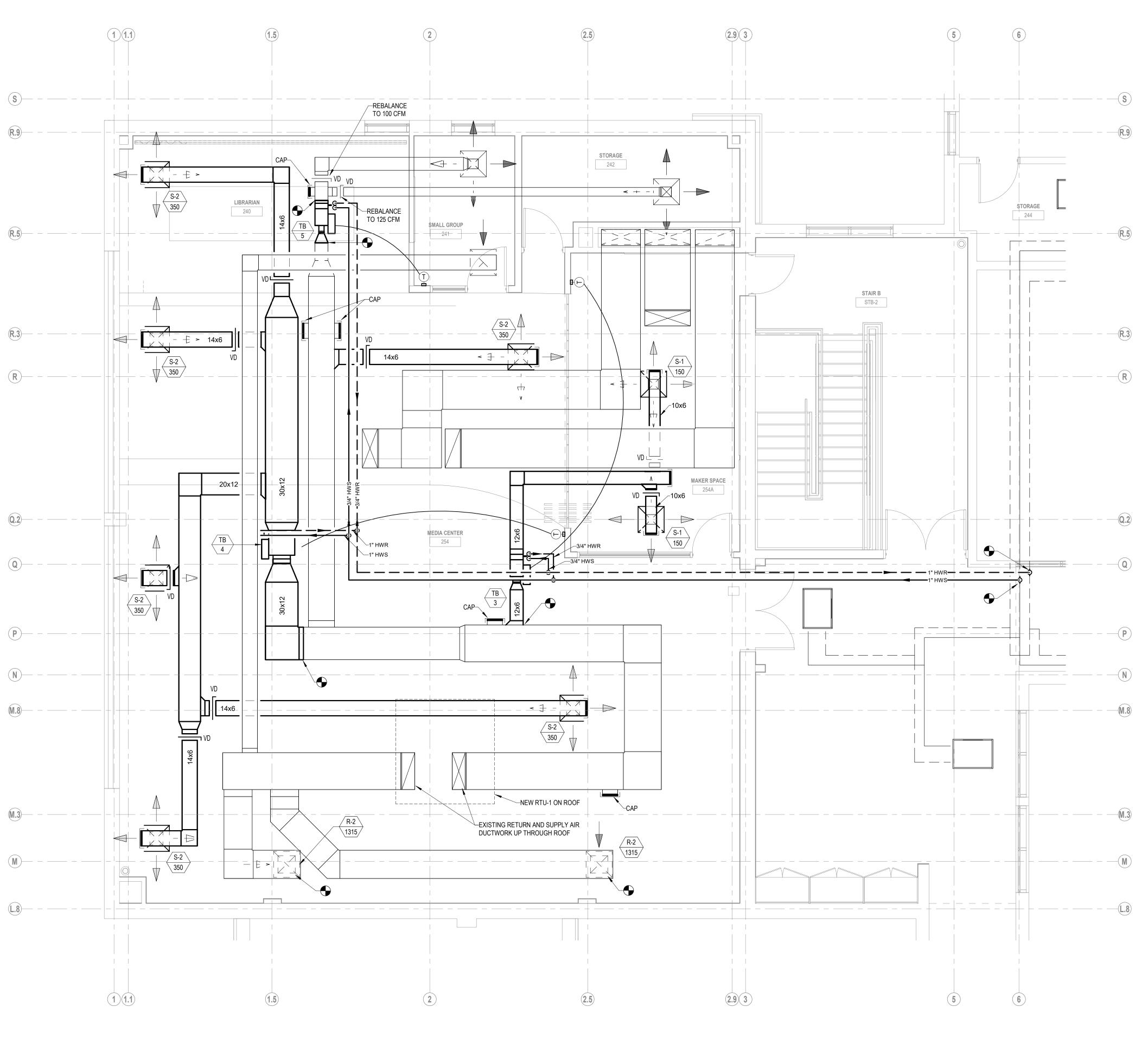


3 <u>PLAN</u> <u>1/4" = 1'-0"</u> ADD ALTERNATE #1

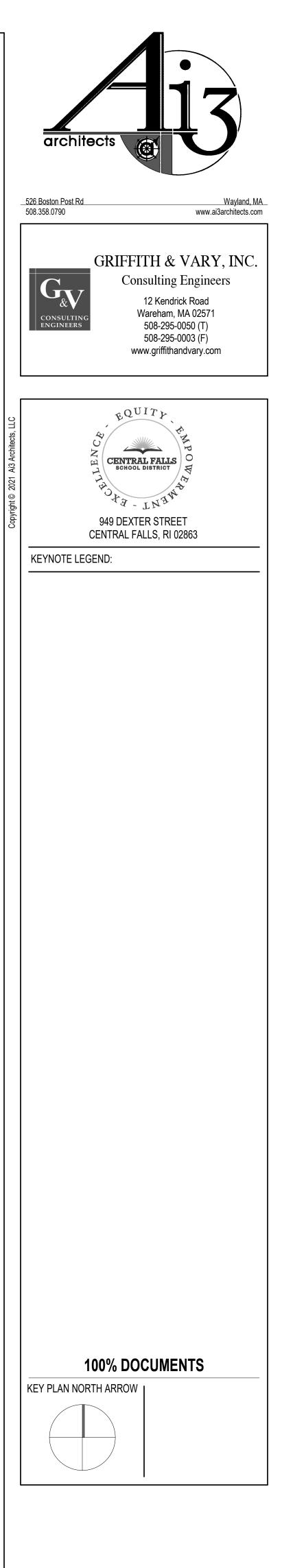
1. ALL HVAC DEMOLITION WORK IN SCIENCE CLASSROOM 302 IS PART OF ADD ALTERNATE #1.

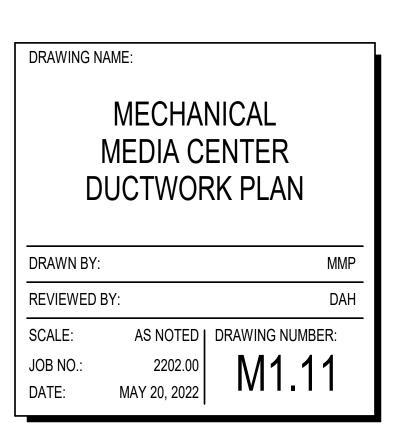


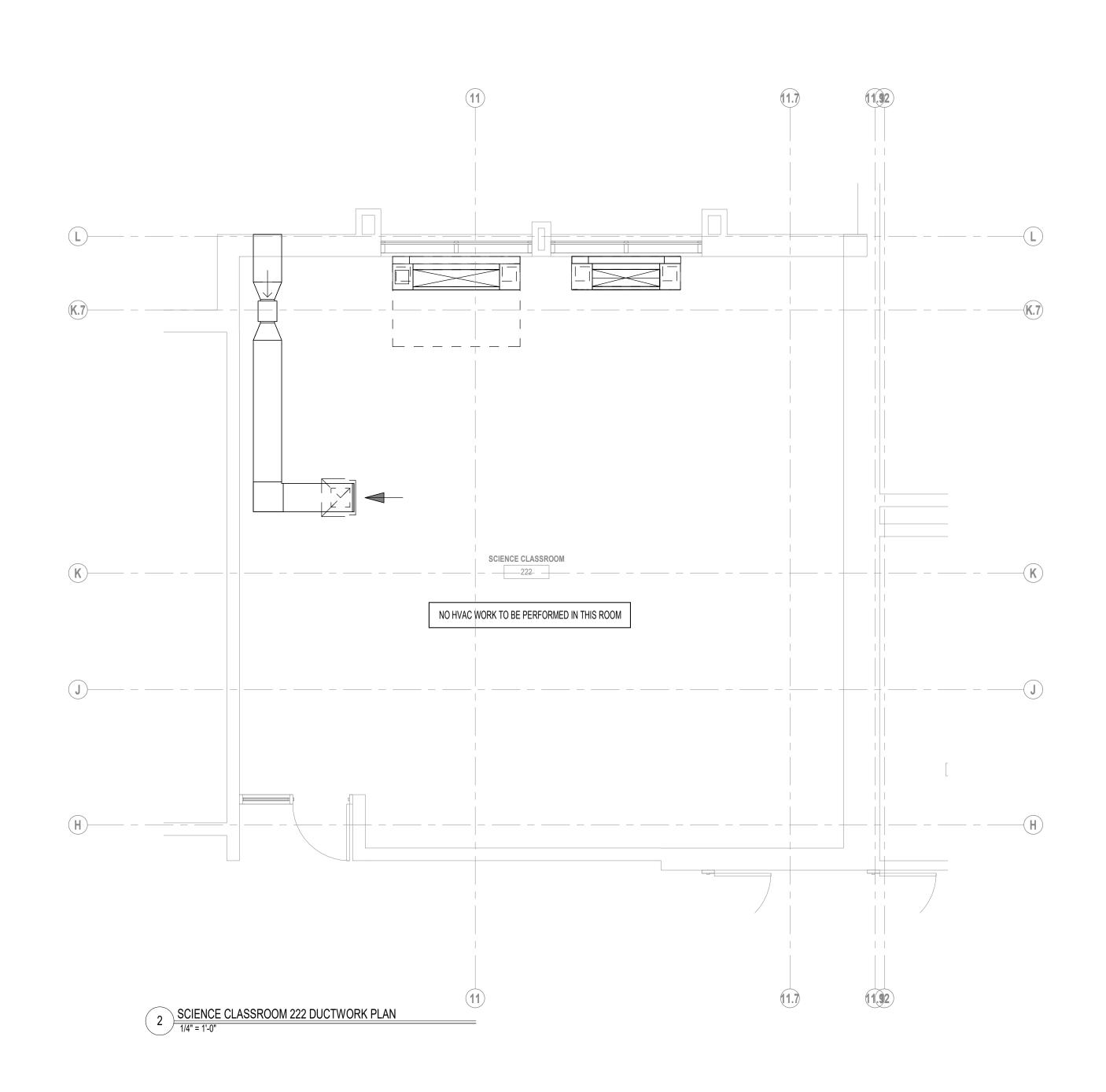


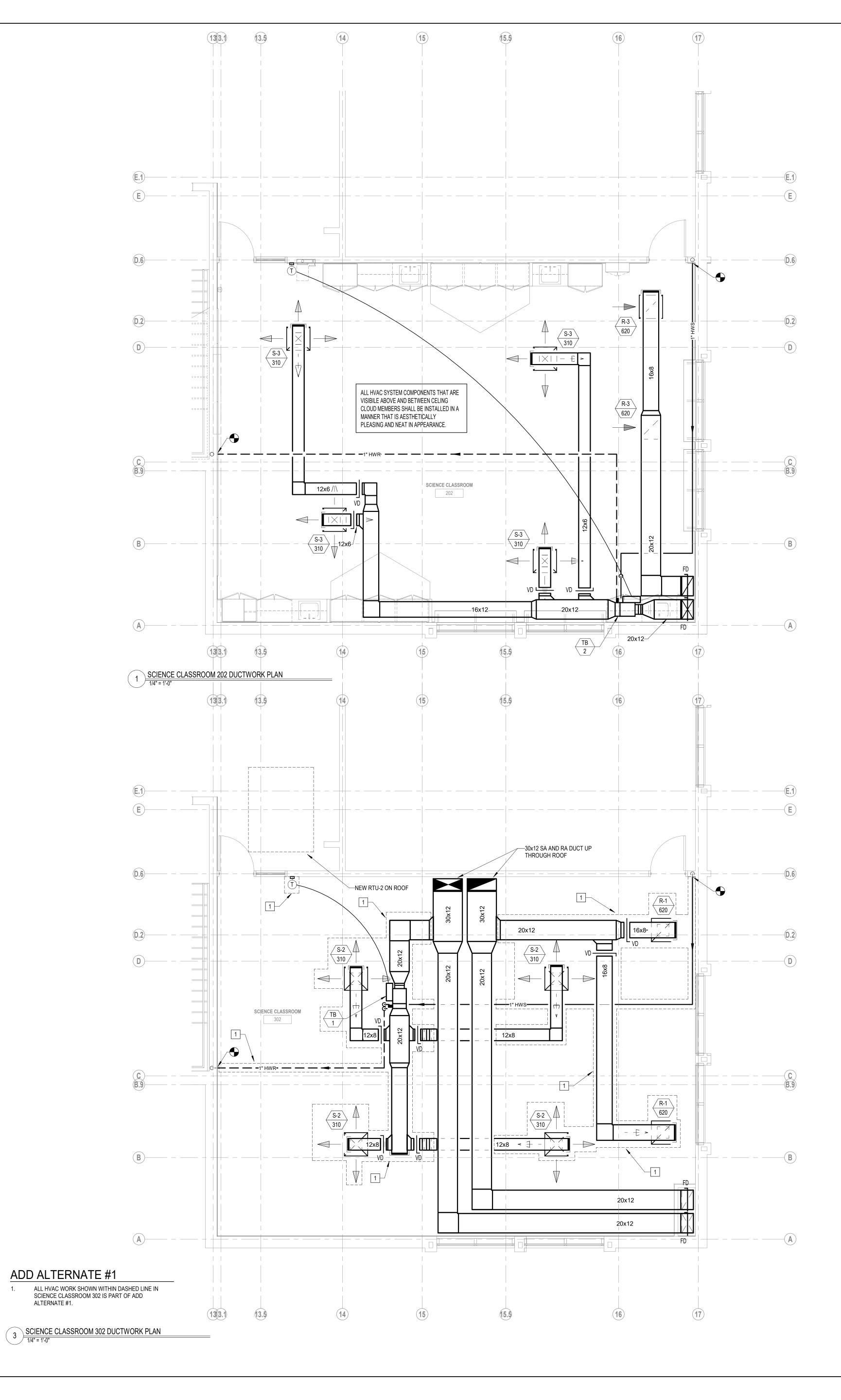


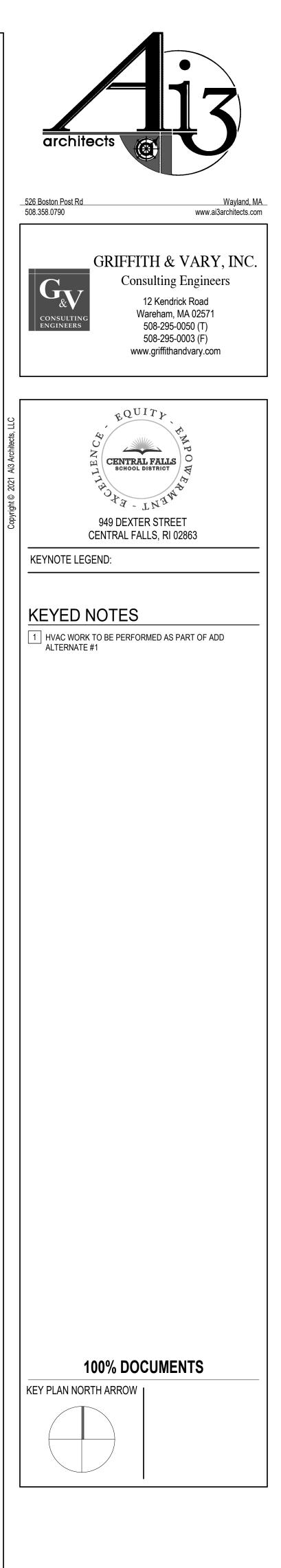
1 MEDIA CENTER 254 DUCTWORK PLAN 1/4" = 1'-0"

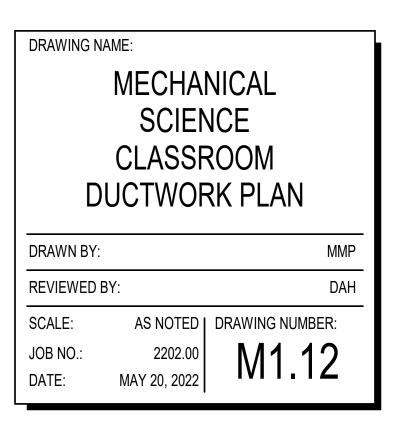


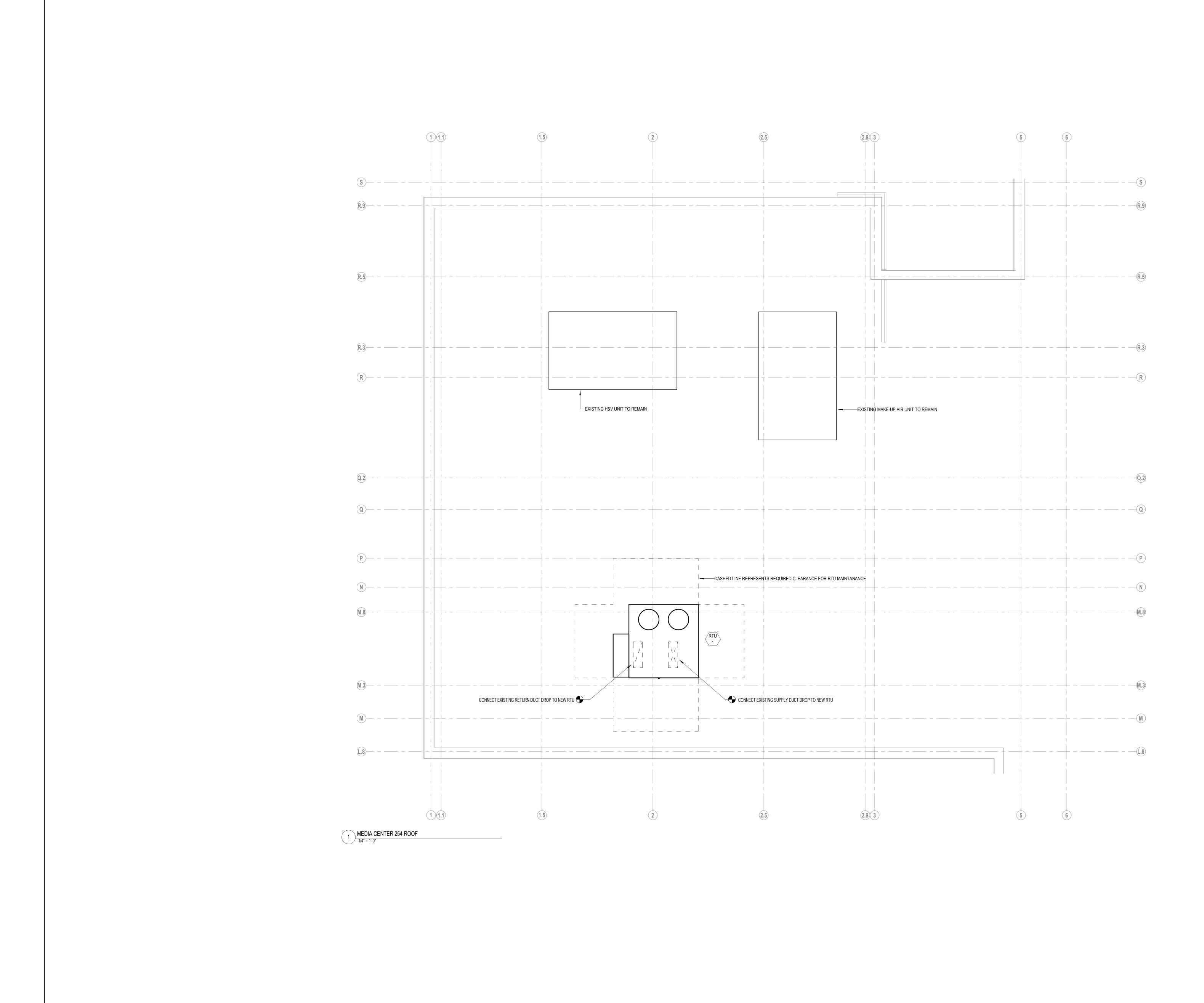


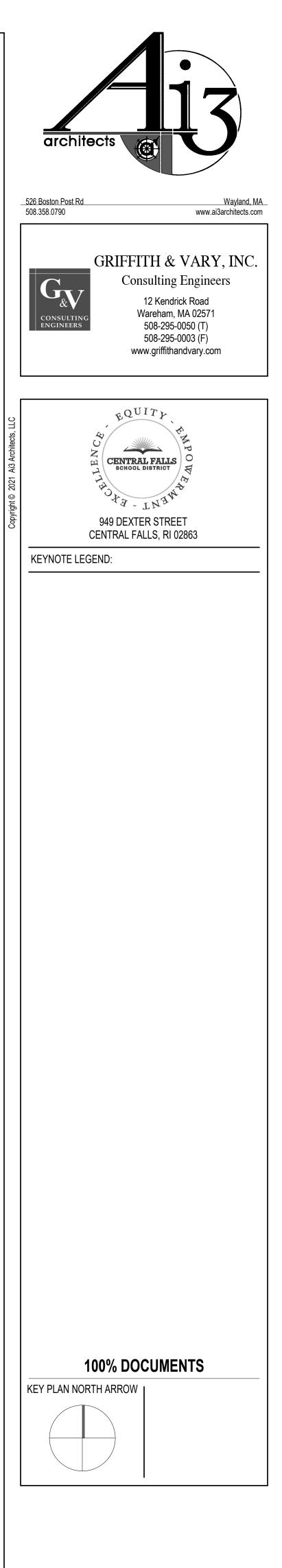


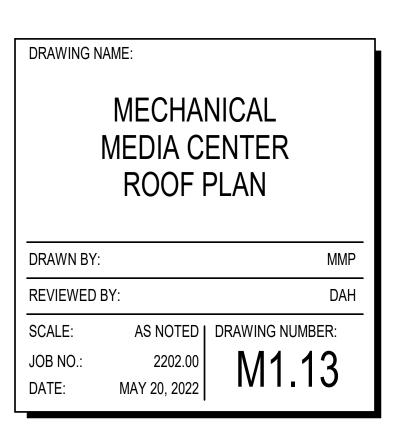


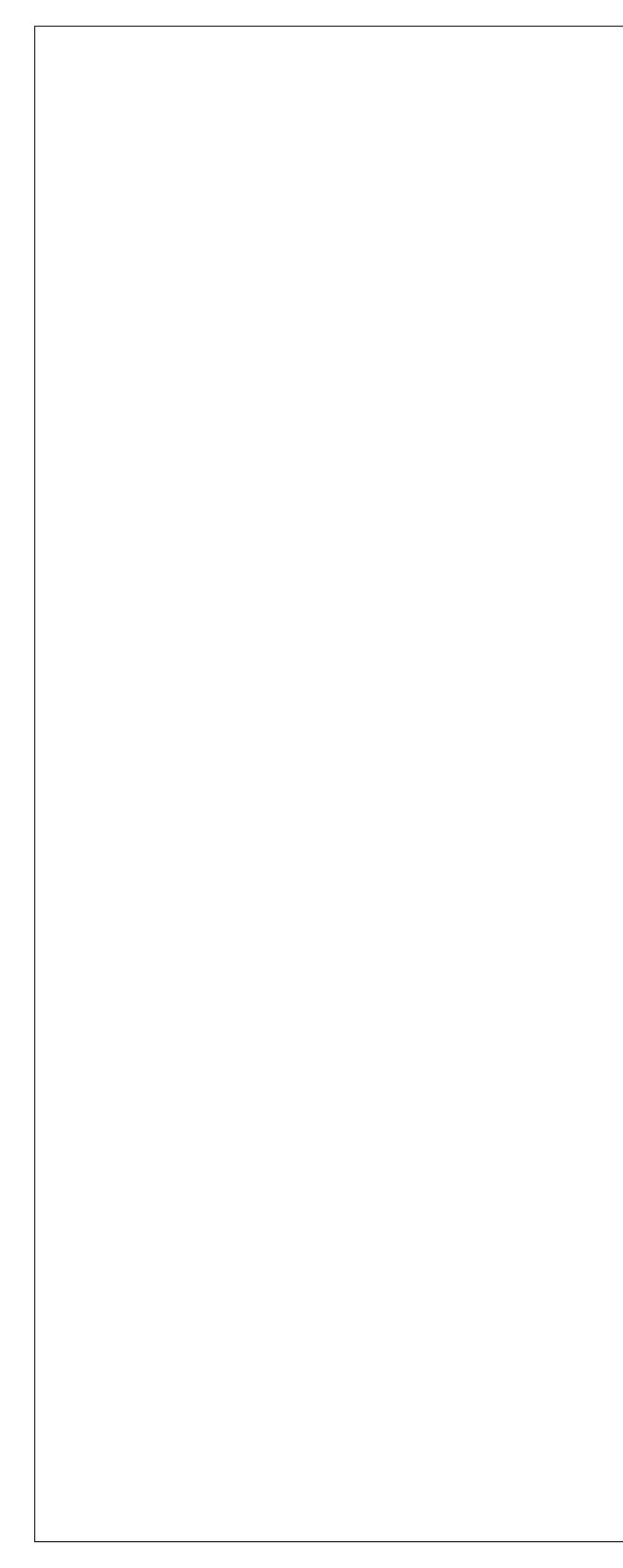


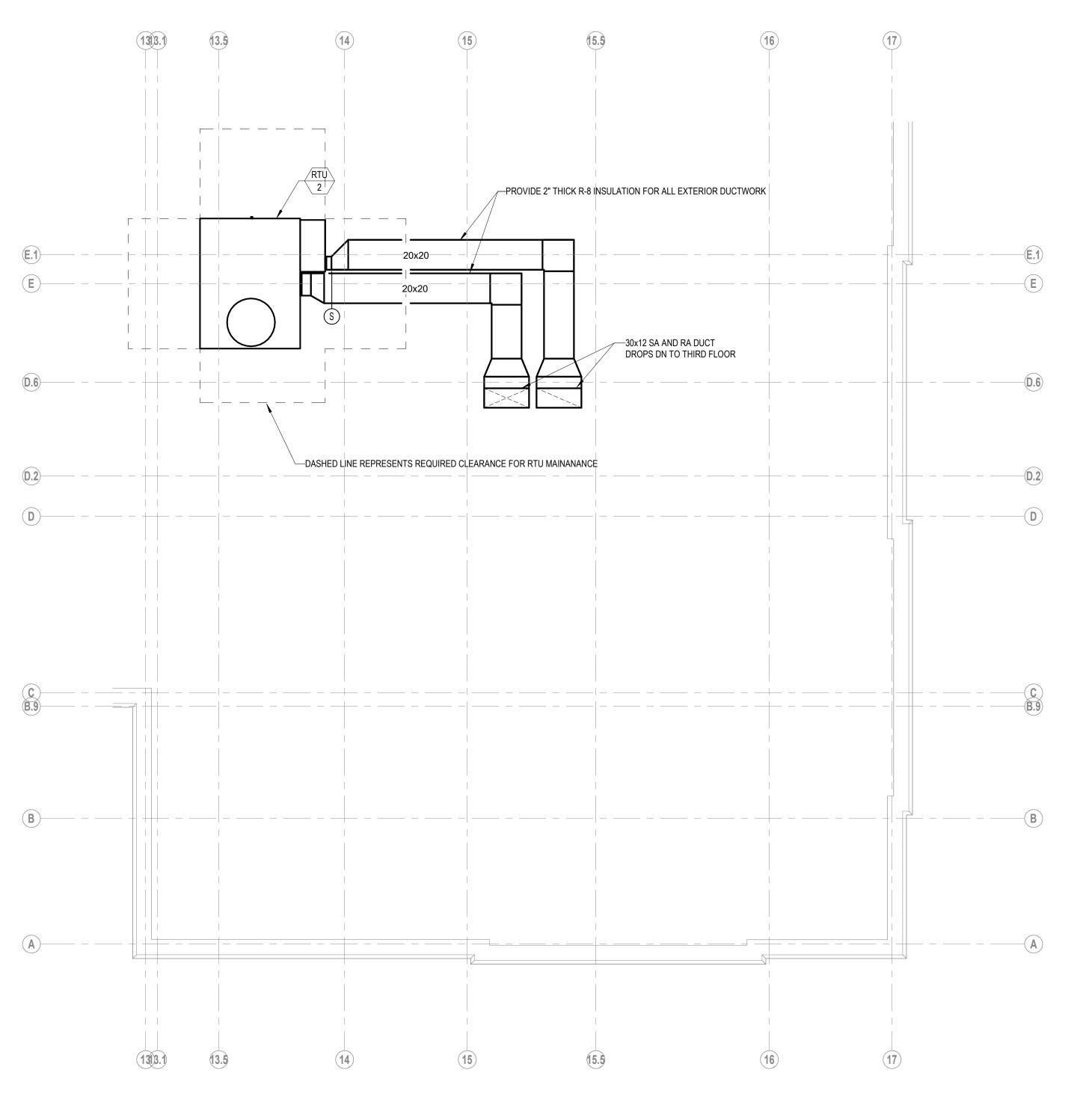












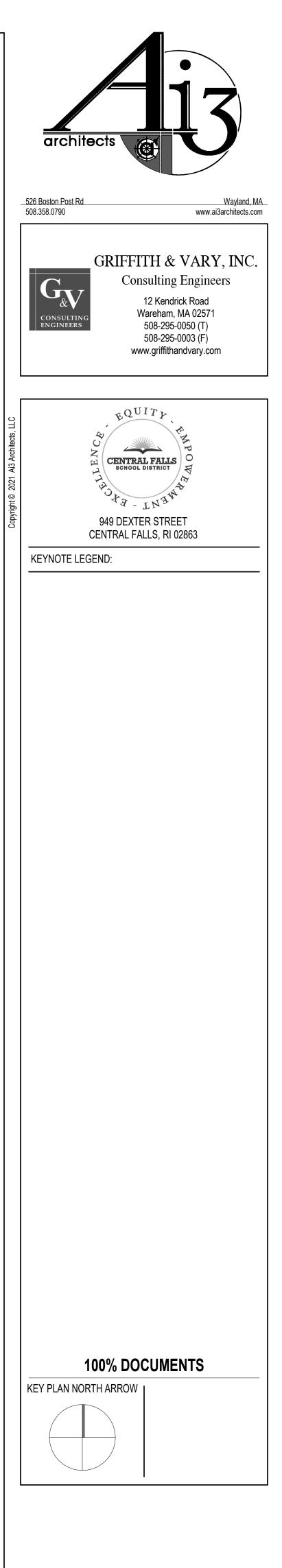
1 SCIENCE CLASSROOM 302 ROOF

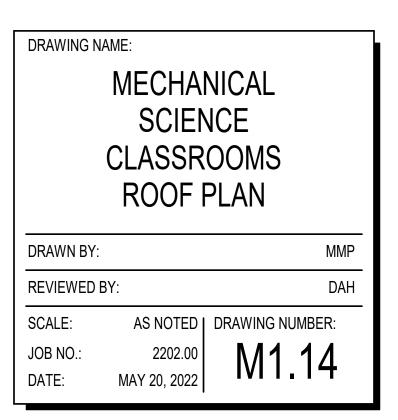
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## GENERAL NOTES

1. MAINTAIN 10'-0" CLEARANCE FOR RTU FROM EDGE OF ROOF.

- 2. MC SHALL FURNISH AND INSTALL CONDENSATE DRAIN FROM RTU. CONDENSATE DRAIN TO BE TRAPPED WITH A MINIMUM OF 5" TRAP DEPTH.
- 3. MAINTAIN 10'-0" CLEARANCE FOR RTU AIR INTAKE FROM ALL EXISTING EXHAUST/VENT AIR.





																			ROOF	TOP I	UNIT S	SCHE	DULE	Ē																		
					CFM			MAIN ELE	ECTRICAL	DATA			SUPPLY	Ý FAN DATA		RE	TURN/EXH	AUST FAN	I DATA			C	OOLING CO	L DATA					IEATING ( 17F Amb			COMPF	ESSOR DAT	A C	ONDENSER DA	ATA		FILTER	DATA		EFFICIENCY	
ITEM	MFG'R	MODEL	SERVICE	SUP.	RET	O.A.	VOLTS	PH	HZ.	MROPD	MCA	RPM	E.S.P.	H.P.	B.H.P.	RPM	E.S.P.	H.P.	B.H.P.	E.A.T. DB/WB	L.A.T. DB/WB	TOT. BTU/H	SENS. BTU/H		HGRH L.A.T. DB/WB	. REFRIG. TYPE	E.A.T.			SIZE kW	FLA PREHEA		TYP KW		TYP	TOTAL FLA	TYPE	SIZE	TYPE		EFFICIENCY EER/IEER	REMARK
RTU-1	DAIKIN	DPS010A	MEDIA CENTER	3000	3000	750	208	3	60	200	178.4	1351	1.5	1	2.34	1252	1.0	(1) 4.0	.77	78.5/65.3	50.8/50.8	127,569	90,910	62,536	70.0/58.3	R-410A	53.9	91.6	122,868	36	99.9 N/A	2	SCROLL 8.78	3 2	COPPER TUBE	4.0	MERV 8	2"	MERV 14	4"	11.7/18.0	
RTU-2	DAIKIN	DPS006A	SCIENCE CLASSROOMS	2400	2400	1020	208	3	60	150	138.7	2364	1.5	1	2.42	2005	1.0	(1) 2.3	.84	81.0/67.2	56.4/56.3	82,578	64,313	35,299	70.0/61.1	R-410A	42.5	81.8	102,390	30	83.3 N/A	1	SCROLL 4.52	2 1	COPPER TUBE	2.0	MERV 8	2"	MERV 14	4"	11.0/18.8	

2 ASHP CAPABLE OF OPERATION DOWN TO 17°F OR BELOW

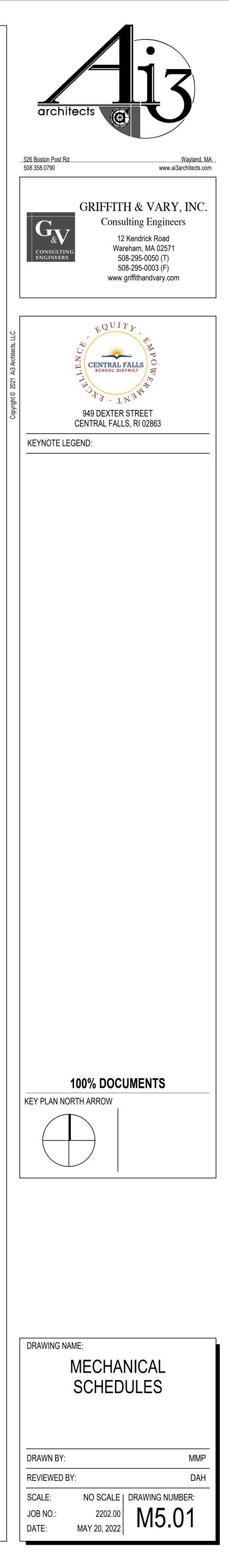
						-	TERMI	NAL	BOX :	SCHE	EDUL	E						
17514		HODEL	0175	T) (D.5	CF	M	INLET	ΔP	MAX.			HEATING	COIL DATA			ROWS	SPACE	DEMADIZA
ITEM	MFG'R. (1)	MODEL	SIZE	TYPE	MAX.	MIN.	SP	AIR	WTR.	EAT	LAT	GPM	MBH	EWT	LWT	COIL	NC	REMARKS
TB-1	PRICE	SDV5	14	VAV	1240	620	0.50	0.20"	0.55'	55	100	2.05	29.4	160	130.8	2	<30	*ADD ALTERNATE 1
TB-2	PRICE	SDV5	14	VAV	1240	620	0.50	0.20"	0.55'	55	100	2.05	29.4	160	130.8	2	<30	
TB-3	PRICE	SDV5	5	VAV	300	150	0.50	0.15"	0.09'	55	100	0.68	7.4	160	137.8	2	<30	
TB-4	PRICE	SDV5	16	VAV	1900	950	0.50	0.30"	1.48'	55	100	3.46	46.4	160	132.6	2	<30	
TB-5	PRICE	SDV5	4	VAV	225	115	0.50	0.04"	0.02'	55	100	0.34	5.0	160	130.9	2	<30	

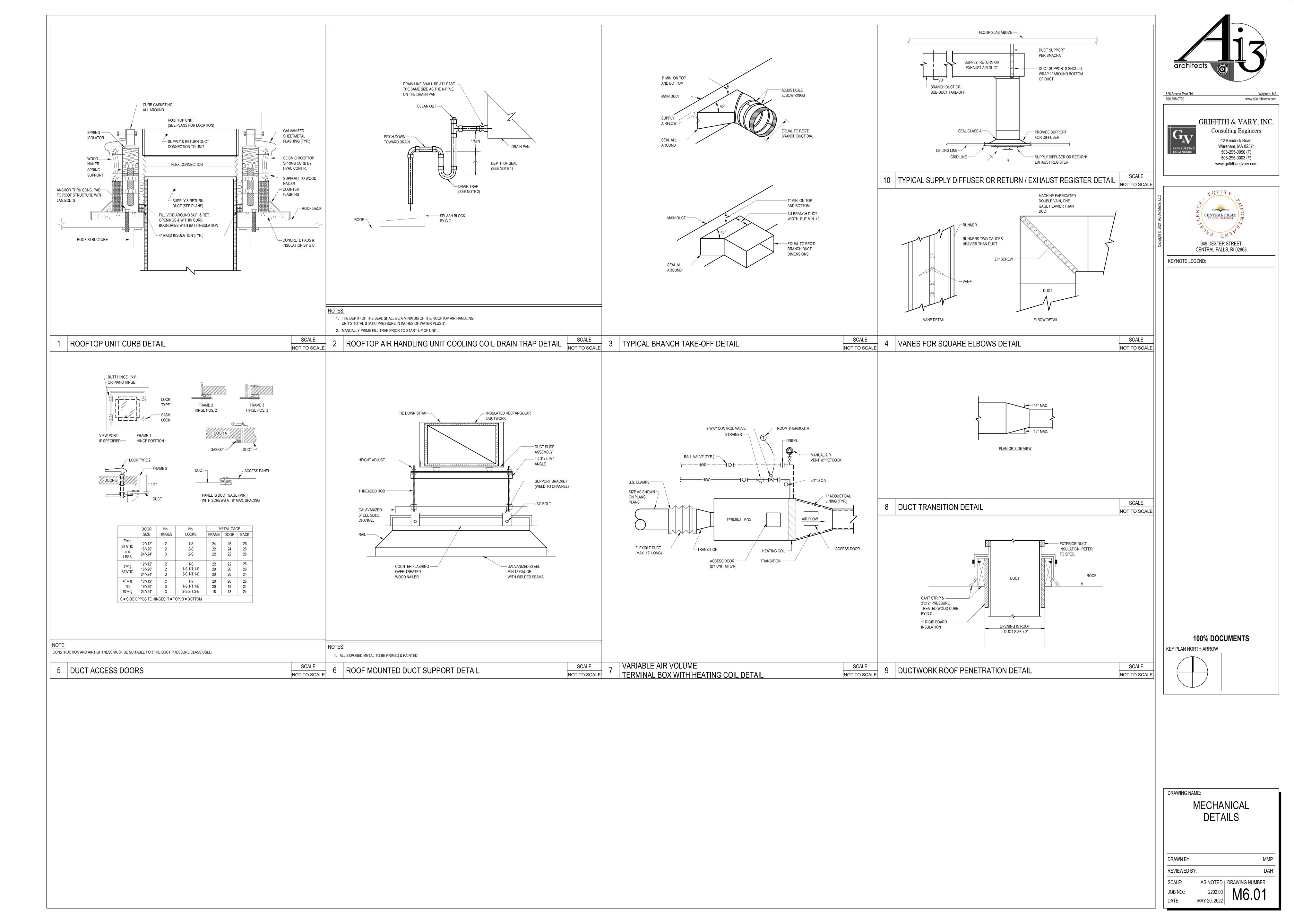
1 ACCEPTABLE ALT. MANUFACTURERS: METAL-AIRE, TITUS, OR APPROVED EQUAL.

## DIFFUSER, REGISTER & GRILLE SCHEDULE

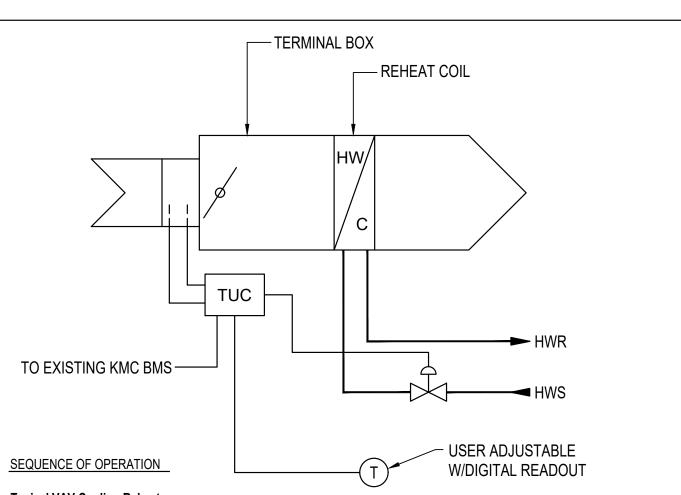
ITEM	MFG'R (1)	MODEL	SIZE	NECK	CFM MAX.	THROW	BORDER TYPE	REMARKS
S-1	NAILOR	6500	-	9x9	150	SEE PLANS	S, L	
S-2	NAILOR	6500	-	12x12	350	SEE PLANS	S, L	
S-3	NAILOR	6500	-	12x12	350	SEE PLANS	S, L	BLACK FINISH
R-1	NAILOR	51EC	-	14x14	620	N/A	S, L	
R-2	NAILOR	51EC	-	18x18	1315	N/A	S, L	
R-3	NAILOR	51EC	-	14x14	620	N/A	S, L	BLACK FINISH

1 ACCEPTABLE ALT. MANUFACTURERS: METAL-AIRE, PRICE, NAILOR OR APPROVED EQUAL.





schedule.



Typical VAV Cooling Reheat: Pressure independent VAV box operates on a "occupied/unoccupied" schedule.

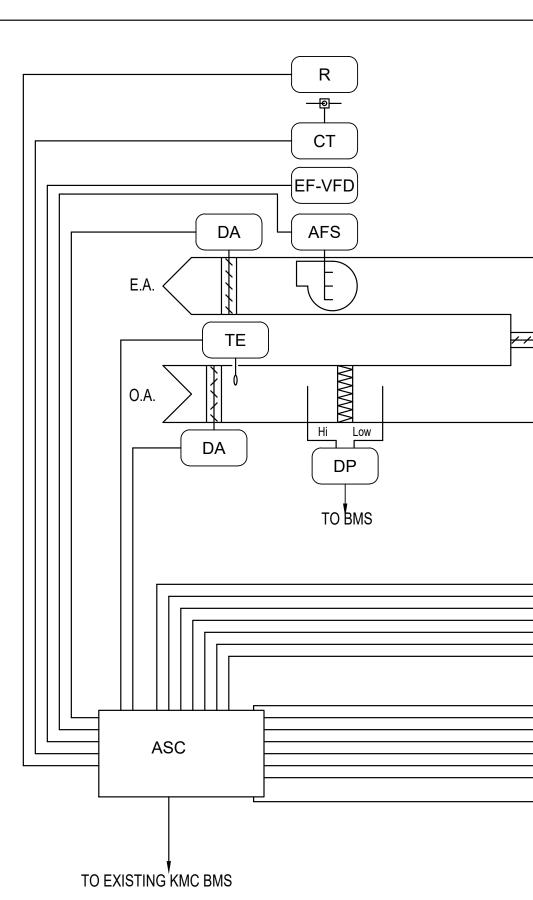
During Occupied Mode: VAV damper modulates from minimum to maximum CFM setpoints to maintain room temperature set point. On a call for cooling, damper modulates towards the maximum CFM setting. On a call for heating, damper modulates towards the minimum CFM setting and the reheat coil hot water control valve shall modulate to maintain space heating temperature set point.

Unoccupied: VAV box damper modulates to min CFM. If room temperature drops below the night temperature set point, the reheat coil hot water control valve shall modulate open to satisfy night set point. When pushbutton on room temperature sensor is pressed, VAV box switches to occupied mode for 2 hours (ADJ).

Morning Warm up/Cool down: VAV box damper modulates to max CFM.

Room Thermostat: Occupied set point is adjustable at the room thermostat with a +/- 2 degf warmer / cooler adjustment. Thermostats for classrooms, offices and similar spaces shall be provided with a override function to allow use of space outside of the normal occupied

VAV TERMINAL BOXES WITH REHEAT



SEQUENCE OF OPERATION

Sheet Metal Contractor shall install smoke dampers in the supply air and return air ductwork to a conveying over 15,000 CFM. The ATC Contractor shall interlock the smoke dampers such that t close on receiving a signal form the duct mounted smoke detectors, and shall simultaneously equipment. Fire alarm interconnections from the smoke detectors shall remain the responsibility of Divi

- 1. Smoke detectors are furnished, installed and wired by others to shut down energy recovery unit o Heat pump roof top units shall shut down in general alarm condition. 3. Heat pump roof top units shall be furnished with a factory mounted and wired
- end devices which shall include but not be limited to dampers, damper actuators, temperature s transducers and pressure sensors.
- 4. Unit controls shall be compatible with BMS through BACnet, LON, or N2
- connection as required to suit the automatic temperature control system. 5. Provide a static pressure controller two-thirds (2/3) of the distance downstream in the effectively run. The pressure sensor shall provide the error offset signal to its corresponding adjustable fre P.I.D. controller. The controller shall adjust the drive output signal, varying the supply fan speed t
- proper system pressure. 6. The exhaust fan shall be modulated to track airflow as sensed by fan inlet air flow measuring sta and return). The DDC system shall monitor supply CFM and calculate an exhaust airflow setpoin
- a fixed offset. The calculated exhaust air setpoint shall be maintained by modulating the speed of air fan via its variable frequency drive, increasing fan speed on a drop in airflow as sensed by the 7. Provide high static and low static pressure controllers at the supply fan and at the exhaust fan to and signal an alarm if limit conditions are exceeded.

Morning Warm-up:

- 1. The heat pump roof top unit shall operate in the recirculation mode. The supply fan shall run continuously, the exhaust fan shall be de-energized, the outside air damper and exha damper shall be closed, and the recirculation damper shall be open.
- 2. The heat pump shall engage as directed by the remote
- space mounted temperature sensor until the return air temperature reaches the "occupied" space temperature set point.

Heating Cycle - "Occupied":

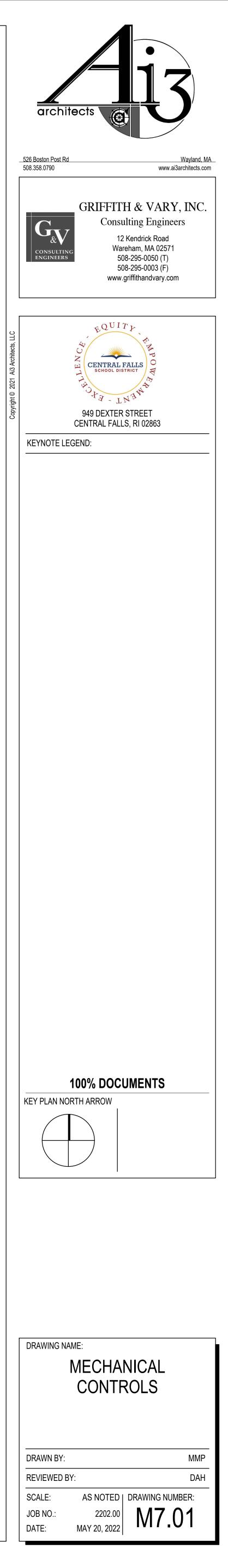
- 1. The supply and exhaust fan shall run continuously. The fresh air damper and exhaust air damper shall open to minimum air potion. The recirculation damper module to m damper position.
- 2. The heat pump shall engage to maintain a discharge air temperature of 60°F (adj.). Heating Cycle - "Unoccupied":
- 1. The supply fan shall run only upon demand from the setback set point controller, the exhaust fan de-energized. The fresh air damper and exhaust air damper shall remain closed and the recircula
- shall remain open. 2. The heat pump shall engage to maintain a discharge air temperature of 60°F (adj.).

DX heat and backup electric coil:

Back-up electric coil shall be enable at 10°F and below. If DX heating system is disabled due to le temperatures the electric coil engage to maintain discharge air temp . Once DX heating system is electric coil shall disengage.

- Cooling Cycle "Morning Cool-down":
- 1. The supply fan shall run continuously, the exhaust fan shall remain de-energized. The outside ai exhaust air damper shall be closed and the recirculation damper shall be open. Economizer control shall use outside air for cooling requirements on sensing
- that the ambient enthalpy meets the unit discharge demands (comparative). 4. On sensing that ambient air is not appropriate to meet the "cool-down"
- requirements, the remote duct mounted proportional signal temperature sensor shall initiate the condensing unit and stage the compressors as required to maintain a dis temperature of 55°F.

				<b>TO 5</b>	MS			
			DP	— то в _ Г _ НТ				
						R.A.		
					AFS			
		E C	DX C	H/C			S.A.	
			FRZ		F-VFD HT	SD	SP	
			- RS	L RS				
ALARM MOUN IN BY J	ISHED AND WI M BY DIV 2600 ITED BY DIV 23 ATC CONTRAC CAL)	00 30000, BMS TIE						
all HVAC systems the dampers shall / de-energize the vivision 26.	and exha	<b>- "Occupied":</b> ly and exhaust fan shall run continuously. ust air damper shall open to minimum air p tside air damper position.		damper module to				
t on alarm.	<ol> <li>Economiz</li> <li>that the a</li> </ol>	rer control shall use outside air for cooling mbient enthalpy meets the unit discharge ng that ambient air is not appropriate to me	demands (comparative).				DENSING ECTION	
sensors, humidity	requireme sensor sh	ents, the remote duct mounted proportiona all initiate the condensing unit and stage to air temperature of 55°F.	I signal temperature	red to maintain a				
y longest duct equency AC drive d to maintain the	Cooling Cycle - 1. The syste 100% clos	em shall remain de-energized. The fresh ai	ir damper and exhaust air	r damper shall remai	n			
tations (supply bint by subtracting d of the exhaust		t: automatically energized whenever dehum n air temperature.	idification is needed base	es is return humidity				
he air sensor. to stop the system	2. Furnish a	olled Ventilation : nd install a CO2 sensor in the return air du the outdoor air, return air and exhaust air						
xhaust air	schedule		·		eset			
	UNIT RTU-1 RTU-2	O.A. CFM @ 600 PPM CO2 225 310	O.A. CFM @ 80 750 1020					
match outside air	<ol> <li>If the sup generated</li> <li>If filter diff filter alarr</li> <li>Low temp</li> </ol>	ollowing alarms will annunciate at the work ply or return fan status is not indicated with d. ferential pressure exceeds the normal pres n is generated. perature detector below 35°F. c pressure safeties.	nin 30sec of start comma					
an shall remain sulation damper		e air temperature is +/- 5°F form set point o	during occupied mode.					
o low outside air n is enable								
air damper and								
lischarge air								
R	ROOFTC	P UNIT HEAT PU	MP					



	LIGHTING:
B	LIGHT FIXTURE (LUMINAIRE) AND OUTLET ON NORMAL CIRCUIT.
C	
D <b>o</b>	DOWNLIGHT FIXTURE (LUMINAIRE) AND OUTLET ON NORMAL CIRCUIT.
<b>₽</b> ₽	WALL MOUNTED LIGHT FIXTURE (LUMINAIRE) AND OUTLET ON NORMAL CIRCUIT.
G	LIGHT FIXTURE SYMBOLS WITH FULL SHADING ARE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT.
	LIGHT FIXTURE SYMBOLS WITH HALF SHADING ARE CONNECTED TO CRITICAL CIRCUIT.
	TRACK WITH TRACK HEAD LIGHT FIXTURES (LUMINAIRES). REFER TO PLANS FOR LENGTH OF TRACK AND NUMBER OF TRACK HEAD LIGHT FIXTURES ON THE TRACK.
€	SINGLE FACE EXIT SIGN WITH OUTLET AND ARROWS AS INDICATED ON PLAN. "E" DESIGNATION INDICATES TOP OF EXIT SIGN TO BE AT 18" A.F.F. "H" DESIGNATION INDICATES HANDICAP TYPE EXIT SIGN.
€ *&	DUAL FACE EXIT SIGN WITH OUTLET AND ARROWS AS INDICATED ON PLAN. COMBINATION EMERGENCY BATTERY UNIT/EXIT SIGN WITH INTEGRAL EMERGENCY LIGHT HEADS, WITH OUTLET.
$\otimes$	SINGLE FACE "NOT AN EXIT" SIGN WITH OUTLET.
ب جه	REMOTE SINGLE EMERGENCY LIGHT HEAD. REMOTE DUAL EMERGENCY LIGHT HEADS.
	EMERGENCY BATTERY UNIT WITH INTEGRAL LIGHT HEADS.
<u>े</u> अर्नुर्नुर्ह	SPORTS LIGHTER LIGHT FIXTURES (LUMINAIRES).
SL1	SINGLE HEAD SITE LIGHT FIXTURE (LUMINAIRE). REFER TO POLE BASE DETAIL.
SL3	DUAL HEAD SITE LIGHT FIXTURE (LUMINAIRE). REFER TO POLE BASE DETAIL. POST TOP HEAD SITE LIGHT FIXTURE (LUMINAIRE). REFER TO POLE BASE DETAIL.
SL4X	FLAGPOLE SITE LIGHT FIXTURE (LUMINAIRE). REFER TO FLUSH MOUNTED IN GRADE DETAIL.
SL5	RECESSED STEP LIGHT FIXTURE (LUMINAIRE).
• 0	O.R. LIGHT FIXTURE FURNISHED BY OWNER. INSTALLED AND WIRED BY ELECTRICAL SUBCONTRACTOR.
Sa	LIGHTING CONTROL: SINGLE POLE SWITCH MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT
S3a	FIXTURE CONTROL. THREE WAY SWITCH MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT
S4a	FIXTURE CONTROL. FOUR WAY SWITCH MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE
SDa	CONTROL. DIMMER SWITCH MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE
SD3a	CONTROL. THREE WAY DIMMER SWITCH MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES
SLEDa	LIGHT FIXTURE CONTROL.
SX	MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL. CLASS 1, DIVISION 2, EXPLOSION PROOF LIGHT SWITCH.
SWP	SINGLE POLE SWITCH WITH WEATHERPROOF COVER MOUNTED AT 48" A.F.F. TO CENTER.
D P	TIMECLOCK. PHOTOCELL.
ĒS	DIMMING SYSTEM ENTRY STATION.
CI ~	DIGITAL SYSTEM:
SLa SLab	SINGLE BUTTON LOW VOLTAGE DIGITAL SWITCH, EQUAL TO WATT STOPPER #LMSW-101, MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL.
SLab	TWO BUTTON LOW VOLTAGE DIGITAL SWITCH, EQUAL TO WATT STOPPER #LMSW-102, MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL.
SLabc	THREE BUTTON LOW VOLTAGE DIGITAL SWITCH, EQUAL TO WATT STOPPER #LMSW-103, MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL.
SLabcd	FOUR BUTTON LOW VOLTAGE DIGITAL SWITCH, EQUAL TO WATT STOPPER #LMSW-104, MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL.
SLabcdefgh	EIGHT BUTTON LOW VOLTAGE DIGITAL SWITCH, EQUAL TO WATT STOPPER #LMSW-108, MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL.
SLDa	LOW VOLTAGE DIGITAL DIMMING SWITCH, EQUAL TO WATT STOPPER #LMDM-101, MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES LIGHT FIXTURE CONTROL.
OSDa	CEILING MOUNTED DIGITAL PASSIVE INFRARED OCCUPANCY SENSOR, EQUAL TO WATT STOPPER #LMPC-100. MOUNT AT LEAST 6'-0" FROM A SUPPLY REGISTER. LOWER CASE LETTER INDICATES SWITCH CONTROL. TIME DELAY SHALL BE 15 MINUTES. PROVIDE CAT 5e CABLE TO ROOM CONTROLLER.
©S2₂	CEILING MOUNTED DIGITAL DUAL TECHNOLOGY PASSIVE INFRARED AND ULTRASONIC OCCUPANCY SENSOR, EQUAL TO WATT STOPPER #LMDC-100. MOUNT AT LEAST 6'-0" FROM A SUPPLY REGISTER. LOWER CASE LETTER INDICATES SWITCH CONTROL. TIME DELAY SHALL BE 15 MINUTES. PROVIDE CAT 5e CABLE TO ROOM CONTROLLER.
OS3 <sub>a</sub>	CEILING MOUNTED DIGITAL ULTRASONIC OCCUPANCY SENSOR, EQUAL TO WATT STOPPER #LMUC-100-2. MOUNT AT LEAST 6'-0" FROM A SUPPLY REGISTER. LOWER CASE LETTER INDICATES SWITCH CONTROL. TIME DELAY SHALL BE 15 MINUTES. PROVIDE CAT 5e CABLE TO ROOM CONTROLLER.
∕OS4}a	CEILING MOUNTED DIGITAL PASSIVE INFARED OCCUPANCY SENSOR WITH EXTENDED HEIGHT LENS (FOR HIGH CEILINGS), EQUAL TO WATT STOPPER #LMPC-100-5. MOUNT AT LEAST 6'-0" FROM A SUPPLY REGISTER. LOWER CASE LETTER INDICATES SWITCH CONTROL.
OS1	TIME DELAY SHALL BE15 MINUTES. PROVIDE CAT 5e CABLE TO ROOM CONTROLLER. WALL MOUNTED PASSIVE INFRARED OCCUPANCY SENSOR WITH INTEGRAL SWITCH,
a	MANUAL-ON UNLESS OTHERWISE NOTED. EQUAL TO WATT STOPPER #DSW-301. MOUNTED AT 48" A.F.F. TO CENTER. LOWER CASE LETTER INDICATES SWITCH CONTROL. TIME DELAY SHALL BE 15 MINUTES.
OS2 a	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH TWO INTEGRAL SWITCHES, MANUAL-ON UNLESS OTHERWISE NOTED. EQUAL TO WATT STOPPER #DSW-302. MOUNTED AT 48" A.F.F. TO CENTER. LOWER CASE LETTER INDICATES SWITCH CONTROL. TIME DELAY SHALL BE 15 MINUTES.
OS3 a	WALL MOUNTED DUAL TECHNOLOGY PASSIVE INFRARED AND ULTRASONIC 0-10V DIMMING OCCUPANCY SENSOR WITH TWO INTEGRAL SWITCHES, MANUAL-ON UNLESS OTHERWISE NOTED. EQUAL TO WATT STOPPER #DW-311. MOUNTED AT 48" A.F.F. TO CENTER. LOWER CASE LETTER INDICATES SWITCH CONTROL. TIME DELAY SHALL BE 15 MINUTES.
DT	WALL MOUNTED MANUAL-ON DIGITAL TIME SWITCH, EQUAL TO WATT STOPPER #TS-400, MOUNTED AT 48" A.F.F TO CENTER. TIME DELAY SHALL BE 15 MINUTES.
D <sub>a</sub>	CEILING MOUNTED OPEN LOOP PHOTOSENSOR FOR DAY LIGHT HARVESTING UP TO THREE ZONES OF DIMMING, EQUAL TO WATT STOPPER #LMLS-500. PHOTOSENSOR PLACEMENT PER MANUFACTURER'S RECOMMENDED LOCATIONS. PLACEMENT ON FLOOR PLANS IS
	MANUFACTURER'S RECOMMENDED LOCATIONS. PLACEMENT ON FLOOR PLANS IS DIAGRAMMATICAL, REFER TO PHOTOSENSOR PLACEMENT DETAIL. LOWER CASE LETTER INDICATES LIGHTING ZONE BEING CONTROLLED BY PHOTOSENSOR.
	POWER OUTLETS:
	ALL RECEPTACLES SHALL MOUNTED AT 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. THE FOLLOWING DESIGNATIONS SHALL APPLY TO ALL RECEPTACLE TYPES.
	C = MOUNTED AT 6" ABOVE BACK SPLASH TO BOTTOM, REFER TO ARCHITECTURAL ELEVATIONS. CP = FOR CONDENSATE PUMP. MOUNT ABOVE ACCESSIBLE CEILING, SURFACE MOUNT TO
	STRUCTURE. CM = CEILING MOUNTED. IG = ISOLATED GROUND.
	MF = MOUNTED IN FURNITURE, REFER TO ARCHITECTURAL ELEVATIONS. T = TABLET CHARGING STATION, MOUNTED AT 48" A.F.F. TO CENTER. WP = WEATHERPROOF.
	WP = WEATHERPROOF. Y = MOUNT ADJACENT TO TECHNOLOGY OUTLET. H = MOUNTED HIGH. CW = MOUNTED ON FACE OF CASEWORK; REFER TO ARCHITECTURAL ELEVATIONS.
	XP = CLASS 1, DIVISION 2, EXPLOSION PROOF. G = GOGGLE CABINET.
~	P = MOUNT ADJACENT TO PROJECTOR OUTLET. PC = CONTROLLED BY DIGITAL PLUG LOAD ROOM CONTROLLER.
Ф Щ	DUPLEX RECEPTACLE. GROUND FAULT CIRCUIT INTERRUPTING DUPLEX RECEPTACLE.
₽	DOUBLE DUPLEX RECEPTACLE.
	EMERGENCY DUPLEX RECEPTACLE. EMERGENCY GROUND FAULT CIRCUIT INTERRUPTING DUPLEX.
Π	
₩ Щ Ф	EMERGENCY DOUBLE DUPLEX RECEPTACLE.
Ψ	EMERGENCY DOUBLE DUPLEX RECEPTACLE. GROUND FAULT CIRCUIT INTERRUPTING DOUBLE DUPLEX RECEPTACLE. SPECIAL PURPOSE RECEPTACLE, RECEPTACLE TO MATCH EQUIPMENT REQUIREMENTS.

₽	GROUND FAULT CIRCUIT INTERRUPTING TRIPLEX RECEPTACLE.
<b>₽</b>	TRIPLEX RECEPTACLE. DUPLEX RECEPTACLE WITH ONE HALF SWITCHED. SUBSCRIPT INDICATES SWITCH CONTR
U2 U4 <b>@</b>	<ul> <li>2 USB CHARGERS WITH DUPLEX RECEPTACLE.</li> <li>4 USB CHARGER RECEPTACLE.</li> <li>120V, 20A TWIST LOCK RECEPTACLE NEMA L5-20R, MOUNTED TO CABLE TRAY, ABOVE THE</li> </ul>
Ø	REAR OF THE RACK. 120V, 20A TWIST LOCK RECEPTACLE NEMA L5-20R, WALL MOUNTED.
Ø	208V, 1Ø 20A TWIST LOCK RECEPTACLE NEMA L6-20R, MOUNTED TO CABLE TRAY, ABOVE REAR OF THE RACK. 208V, 1Ø 20A TWIST LOCK RECEPTACLE NEMA L6-20R, WALL MOUNTED.
(†) (†)	208V, 3Ø 20A TWIST LOCK RECEPTACLE NEMA L21-20R, MOUNTED TO CABLE TRAY, ABOVE THE REAR OF THE RACK. 208V, 3Ø 20A TWIST LOCK RECEPTACLE NEMA L21-20R, WALL MOUNTED.
©®	WHITE CORD REEL, WITH 12/3, 45' SJEO CORD, AND BLACK PORTABLE OUTLET BOX WITH DUPLEX RECEPTACLES ON END. PROVIDE SINGLE RECEPTACLE ON CEILING AT CORD REIL LOCATION FOR PLUGGING IN CORD REEL.
▼₽₪	FLUSH MOUNTED FLOOR BOX WITH RECEPTACLES AND TECHNOLOGY OUTLETS AS INDICATED IN FLOOR BOX ON ELECTRICAL AND TECHNOLOGY DRAWINGS. PROVIDE CONE TO ABOVE ACCESSIBLE CEILING FROM EACH INDIVIDUAL TECHNOLOGY OUTLET AS INDICATED. COORDINATE COVER COLOR WITH ARCHITECT IN FIELD.
♥♥₪	TWO HOUR RATED POKE-THRU WITH RECEPTACLES AND TECHNOLOGY OUTLETS AS INDICATED IN POKE-THRU ON ELECTRICAL AND TECHNOLOGY DRAWINGS. PROVIDE CONE TO ABOVE ACCESSIBLE CEILING FROM EACH INDIVIDUAL TECHNOLOGY OUTLET AS INDICATED. COORDINATE COVER COLOR WITH ARCHITECT IN FIELD.
ন্দ্র শূর্	FLUSH MOUNTED FLOOR BOX EQUAL TO WIREMOLD FLUSH FURNITURE FEED SERIES. PROVIDE WITH FURNITURE FEED POWER WHIP FOR CONNECTION TO PRE-WIRED FURNIT FIRE RATED POKE-THRU EQUAL TO WIREMOLD FLUSH FURNITURE FEED SERIES. PROVIDE
₽~ ● ●	WITH FURNITURE FEED POWER WHIP FOR CONNECTION TO PRE-WIRED FURNITURE. JUNCTION BOX IN WALL WITH COVER AND POWER WHIP FOR CONNECTION TO PRE-WIRED FURNITURE.
<u> </u>	SURFACE METAL RACEWAY, EQUAL TO WIREMOLD SERIES 3000. PROVIDE WITH RECEPTACLES AS INDICATED ON PLANS WITH ACCESSORIES (ELBOWS, COVERS, COUPLII ETC.) FOR A CONTINUOUS, COMPLETE INSTALLATION. COLOR BY ARCHITECT, IVORY OR GRAY.
⅊₮₵	SURFACE METAL RACEWAY, EQUAL TO WIREMOLD SERIES 4000. PROVIDE WITH RECEPTACLES AND TECHNOLOGY OUTLETS AS INDICATED ON PLANS WITH ACCESSORIES (ELBOWS, COVERS, COUPLINGS, DIVIDERS, ETC.) FOR A CONTINUOUS, COMPLETE INSTALLATION. COLOR BY ARCHITECT, IVORY OR GRAY.
<u>φ φ</u>	PLUGMOLD. TELEPHONE/POWER/DATA/TELEPHONE/VIDEO POLE WITH OUTLETS AND RECEPTACLES A
FV	SPECIFIED. FLUSH VALVE/FAUCET SENSOR POWER CONNECTION TO ALL TRANSFORMERS FOR PLUMBING FIXTURES IN ROOM COORDINATE EXACT REQUIREMENTS AND LOCATIONS WIT PLUMBING SUBCONTRACTOR.
	DROP CORD WITH STRAIN RELIEF AND SINGLE RECEPTACLE ON END, ELECTRICAL SUBCONTRACTOR TO DETERMINE CORD LENGTH IN FIELD.
PR1	PAD MOUNTED ALUMINUM WEATHERPROOF PEDESTAL WITH (2) GFCI WEATHERPROOF RECEPTACLES AND LOCKING DOOR AS MANUFACTURED BY LEGRAND MODEL #XCSPP2GRR-BK-XCSLOCK-BK OR EQUAL. COLOR SHALL BE BLACK. REFER TO PAD MOUN PEDESTAL DETAIL.
LBP	LAB BENCH PEDESTAL EQUAL TO LEGRAND MODEL #LBP2, WITH DIVIDER. FOR POWER SIL PROVIDE DUPLEX GFCI RECEPTACLE WITH 3/4" CONDUIT STUB BASEPLATE. FOR LOW VOLTAGE SIDE, REMOVE BLANK PLATE, DO NOT INSTALL 3/4" CONDUIT STUB BASEPLATE, PROVIDE BULL NOSE FACEPLATE. TELEPHONE/DATA/VIDEO OUTLETS (EMPTY BACK BOX AND CONDUIT SYSTEM):
▼	TELEPHONE OUTLET MOUNTED 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROV 4" SQUARE BACK BOX, SINGLE GANG RAISED COVER, BLANK PLATE, AND PULL STRING, W 3/4"C. TO ABOVE ACCESSIBLE CEILING. "W" INDICATES FOR WALL TELEPHONE, MOUNTED A.F.F. TO CENTER, "C" INDICATES MOUNTED 6" ABOVE COUNTER BACK SPLASH TO BOTTO
$\bigtriangledown$	DATA OUTLET MOUNTED 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE BACK BOX, SINGLE GANG RAISED COVER, BLANK PLATE, AND PULL STRING, WITH 3/4"C. TO ABOVE ACCESSIBLE CEILING. "C" INDICATES MOUNTED 6" ABOVE COUNTER BAC SPLASH TO BOTTOM.
V	TELEPHONE/DATA OUTLET MOUNTED 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE BACK BOX, SINGLE GANG RAISED COVER, BLANK PLATE, AND PULL STRING, WITH 3/4"C. TO ABOVE ACCESSIBLE CEILING. "C" INDICATES MOUNTED 6" ABOVE COUNTER BACK SPLASH TO BOTTOM.
TV	VIDEO OUTLET MOUNTED 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE BACK BOX, SINGLE GANG RAISED COVER, BLANK PLATE, AND PULL STRING, WITH 3/4"C. TO ABOVE ACCESSIBLE CEILING. "C" INDICATES MOUNTED 6" ABOVE COUNTER BAC SPLASH TO BOTTOM.
⊡~	FLUSH MOUNTED FLOOR BOX EQUAL TO WIREMOLD FLUSH FURNITURE FEED SERIES. PROVIDE WITH FURNITURE FEED TEL/DATA WHIP FOR CONNECTION TO PRE-WIRED FURNITURE.
Щ С	FIRE RATED POKE THRU EQUAL TO WIREMOLD FLUSH FURNITURE FEED SERIES. PROVIDE WITH FURNITURE FEED TEL/DATA WHIP FOR CONNECTION TO PRE-WIRED FURNITURE. JUNCTION BOX IN WALL WITH COVER AND TEL/DATA WHIP FOR CONNECTION TO PRE-WIR
AP	FURNITURE. WIRELESS ACCESS POINT, CEILING MOUNTED UNLESS OTHERWISE NOTED, PROVIDE 4" SQUARE BACK BOX, SINGLE GANG RAISED COVER, BLANK PLATE, AND PULL STRING, WITH
∑ Z	1"C. TO ABOVE ACCESSIBLE CEILING. SECURITY CAMERA OUTLET MOUNTED AT 10'-0" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED, PROVIDE 4" SQUARE BACK BOX, SINGLE GANG RAISED COVER, BLANK PLATE, AND PULL STRING, WITH 1"C. TO ABOVE ACCESSIBLE CEILING.
FACP	FIRE ALARM/MASS NOTIFICATION: FIRE ALARM CONTROL PANEL. MASS NOTIFICATION LOCAL OPERATOR CONTROL PANEL.
faa Faa	FIRE ALARM ANNUNCIATOR PANEL. FIRE ALARM COMBINATION HORN OR SPEAKER/STROBE, AS PER SPEC, WALL MOUNTED A
	80" A.F.F. TO BOTTOM OF LENS OR 6" BELOW CEILING WHICHEVER IS LOWER. "WP" INDICA WEATHERPROOF, "WG" INDICATES WITH WIREGUARD. CANDELA RATING SHALL BE 15, UNLESS OTHERWISE NOTED, "8W" DENOTES 8 WATT HIGH AUDIO OUTPUT SPEAKER.
EKA	FIRE ALARM / MASS NOTIFICATION ADDRESSABLE VISIBLE ONLY STROBE UNIT, WITH TWO LENSES, (CLEAR AND AMBER) AS PER SPEC, WALL MOUNTED AT 80" A.F.F. TO BOTTOM OF CLEAR LENS OR 6" BELOW CEILING WHICHEVER IS LOWER. "WP" INDICATES WEATHERPROOF, "WG" INDICATES WITH WIREGUARD. CANDELA RATING SHALL BE 15, UNLESS OTHERWISE NOTED, "8W" DENOTES 8 WATT HIGH AUDIO OUTPUT SPEAKER.
MKA	MASS NOTIFICATION ADDRESSABLE VISIBLE ONLY STROBE UNIT/SPEAKER, WITH LENS (AMBER) AS PER SPEC, WALL MOUNTED AT 80" A.F.F. TO BOTTOM OF LENS OR 6" BELOW CEILING WHICHEVER IS LOWER. "WP" INDICATES WEATHERPROOF, "WG" INDICATES WITH WIREGUARD. CANDELA RATING SHALL BE 15, UNLESS OTHERWISE NOTED, "8W" DENOTE WATT HIGH AUDIO OUTPUT SPEAKER.
s PB	FIRE ALARM / MASS NOTIFICATION ADDRESSABLE SPEAKER, WALL MOUNTED AT 90" A.F.F. TOP OR 6" BELOW CEILING WHICHEVER IS LOWER. "CLG" INDICATES MOUNTED ON CEILIN MASS NOTIFICATION PANIC ALARM, PROVIDE STAINLESS STEEL MUSHROOM BUTTON
LT A	LABELED "EMERGENCY", WITH A CLEAR LEXAN PLASTIC COVER TO PROTECT THE DEVICE FIRE ALARM LOW FREQUENCY AUDIO OUTPUT/VISUAL ALARM, WALL MOUNTED AT 80" A.F. TO BOTTOM OF LENS OR 6" BELOW CEILING WHICHEVER IS LOWER. CANDELA RATING SHA BE 15, UNLESS OTHERWISE NOTED.
Lf	FIRE ALARM LOW FREQUENCY AUDIO OUTPUT ALARM, WALL MOUNTED AT 90" A.F.F. TO T OR 6" BELOW CEILING WHICHEVER IS LOWER
Ē	FIRE ALARM STROBE WALL MOUNTED AT 80" A.F.F. TO BOTTOM OF LENS OR 6" BELOW CEILING WHICHEVER IS LOWER. "WP" INDICATES WEATHERPROOF, "WG" INDICATES WITH WIREGUARD. CANDELA RATING SHALL BE 15, UNLESS OTHERWISE NOTED.
¢	FIRE ALARM COMBINATION HORN OR SPEAKER/STROBE, AS PER SPEC, MOUNTED ON CEILING, "WP" INDICATES WEATHERPROOF, "WG" INDICATES WIREGUARD. CANDELA RATE SHALL BE 15, UNLESS OTHERWISE NOTED. FIRE ALARM STROBE MOUNTED ON CEILING, "WP" INDICATES WEATHERPROOF, "WG"
F	INDICATES WIREGUARD. CANDELA RATING SHALL BE 15, UNLESS OTHERWISE NOTED. FIRE ALARM BEACON, WALL MOUNTED AT 80" A.F.F. OR FINISHED GRADE TO CENTER.
H F	FIRE ALARM HORN, WALL MOUNTED AT 90" A.F.F. TO TOP OR 6" BELOW CEILING WHICHEN IS LOWER. "CLG" INDICATES MOUNTED ON CEILING. FIRE ALARM PULL STATION WALL MOUNTED AT 48" A.F.F. TO CENTER. "WG" INDICATES WI
s,	WIREGUARD. FIRE ALARM SMOKE DETECTOR.
S S S	FIRE ALARM TRANSMITTER/RECIEVER BEAM SMOKE DETECTOR. FIRE ALARM REFLECTOR FOR BEAM SMOKE DETECTOR.
MNCP	MASS NOTIFICATION CONTROL PANEL. MASS NOTIFICATION TRANSPONDER PANEL.
SCP	SMOKE CONTROL PANEL. FIRE ALARM TERMINAL CABINET.
	FIRE ALARM TERMINAL CABINET. MASS NOTIFICATION ADDRESSABLE VISIBLE ONLY STROBE UNIT, WITH LENS (AMBER) AS I SPEC, CEILING MOUNTED. "WP" INDICATES WEATHERPROOF, "WG" INDICATES WITH
ĪC	WIREGUARD. CANDELA RATING SHALL BE 15, UNLESS OTHERWISE NOTED.

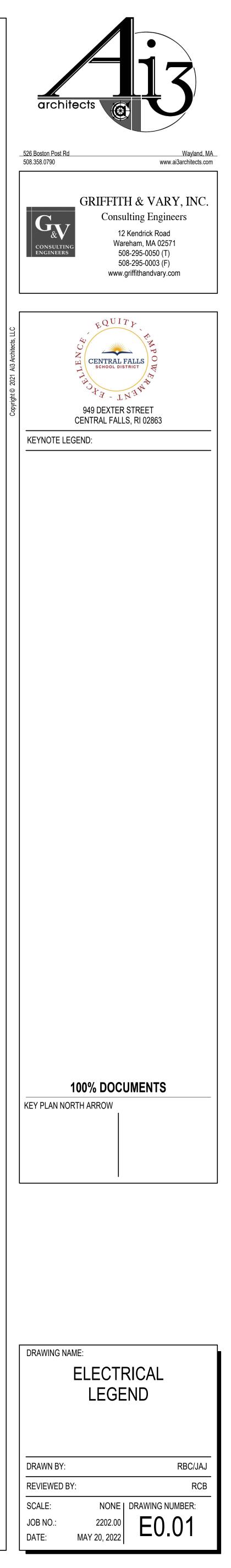
	STS	FIRE ALARM KEYED REMOTE TEST STATION FOR BEAM SMOKE DETECTOR, WALL MOUNTED AT 48" A.F.F. IN CORRIDOR BELOW BEAM SMOKE DETECTOR.	
	Œ	FIRE ALARM COMBINATION RATE OF RISE AND ONE HUNDRED THIRTY FIVE DEGREE TO ONE HUNDRED FORTY DEGREE FIXED TEMPERATURE HEAT DETECTOR. "FT" INDICATES FIXED	
ITCH CONTROL.		HUNDRED FORTY DEGREE FIXED TEMPERATURE HEAT DETECTOR. "FT" INDICATES FIXED ONE HUNDRED NINETY DEGREE TO TWO HUNDRED DEGREE TEMPERATURE, "AC" INDICATES ABOVE CEILING.	9
	WE	WEATHERPROOF AND EXPLOSION PROOF HEAT DETECTOR.	
, ABOVE THE	CO	WALL MOUNTED FIRE ALARM CARBON MONOXIDE DETECTOR. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR MOUNTING HEIGHT. PROVIDE WIRE GUARD OVER DETECTOR.	
	DS	FIRE ALARM DUCT SMOKE DETECTOR, FURNISHED AND WIRED BY ELECTRICAL SUBCONTRACTOR, INSTALLED BY HVAC SUBCONTRACTOR.	
RAY, ABOVE THE	RTS	FIRE ALARM KEYED REMOTE TEST STATION FOR DUCT SMOKE DETECTOR, WALL MOUNTED	
	DH	AT 48" A.F.F. IN CORRIDOR BELOW DUCT SMOKE DETECTOR. FIRE ALARM DOOR HOLDER (WALL MOUNTED).	
IRAY, ABOVE	ج	FIRE ALARM DOOR HOLDER (FLOOR MOUNTED).	
	ि रि	WALL MOUNTED FIRE ALARM MASTER BOX.	
T BOX WITH TWO AT CORD REEL	R	WALL MOUNTED FIRE ALARM RADIO MASTER BOX. FIRE ALARM RADIO MASTER BOX ANTENNA, MOUNT AT HIGHEST POINT ON BUILDING	
TS AS	_	EXTERIOR.	
OVIDE CONDUIT ET AS	GSM K	FIRE ALARM CELLULAR COMMUNICATOR. WALL MOUNTED FIRE ALARM KEY BOX, KNOX 3200 SERIES, TO BE INSTALLED AS PER FIRE	
ETS AS OVIDE CONDUIT		DEPARTMENT REQUIREMENTS. FIRE ALARM REMOTE INDICATOR LED, MOUNTED 6" ABOVE DOOR TO BOTTOM.	[
ET AS	P IS	FIRE ALARM TAMPER SWITCH, PROVIDED BY FIRE PROTECTION SUBCONTRACTOR, WIRED BY	
SERIES. RED FURNITURE.	FS	ELECTRICAL SUBCONTRACTOR.	
ES. PROVIDE		ELECTRICAL SUBCONTRACTOR.	
NITURE. D PRE-WIRED	PS	FIRE ALARM PRESSURE SWITCH, PROVIDED BY FIRE PROTECTION SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.	
	PIV	FIRE ALARM POST INDICATING VALVE, PROVIDED BY FIRE PROTECTION SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.	
th ERS, Couplings, Ivory or	CR	FIRE ALARM ADDRESSABLE CONTROL RELAY MODULE.	
	MR	RELAY, SPACE AGE #MR201	
TH CCESSORIES LETE	[M]	FIRE ALARM ADDRESSABLE MONITOR MODULE.	
	SYN	FIRE ALARM SYNCHRONIZATION MODULE.	
EPTACLES AS	FPS	WALL MOUNTED FIRE ALARM POWER EXPANDER UNIT FOR NOTIFICATION APPLIANCES.	
EF TAULES AS	(F)	FIRE-O-MATIC.	
S FOR CATIONS WITH		WALL MOUNTED AREA OF REFUGE CALL STATION.	
RICAL	ARP DR	WALL MOUNTED AREA OF REFUGE ANNUNCIATOR PANEL. FIRE ALARM DRILL SWITCH, WALL MOUNTED AT 48" A.F.F. TO CENTER.	
	MSB	WALL MOUNTED ADDRESSABLE TEXTUAL NOTIFICATION APPLIANCE (TEXT MESSAGE	
ERPROOF - O PAD MOUNTED		BOARD). VERIFY EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECT/ OWNER'S REPRESENTATIVE PRIOR TO THE START OF ANY WORK.	
	FD	FIRE SMOKE DAMPER, PROVIDED BY MECHANICAL SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.	
R POWER SIDE, OR LOW BASEPLATE, AND	FB	FIRE ALARM BELL, PROVIDED BY FIRE PROTECTION SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.	
	SH	SMOKE HATCH, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL	
I <u>):</u> OTED. PROVIDE	SHC	SUBCONTRACTOR. SMOKE HATCH CONTROLLER, WALL MOUNTED AT 48" A.F.F. TO CENTER, FURNISHED BY	
L STRING, WITH E, MOUNTED 48"	brid	GENERAL CONTRACTOR, INSTALLED AND WIRED BY ELECTRICAL SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CONTROL WIRING AS PER MANUFACTURER'S	
SH TO BOTTOM. PROVIDE 4"		SPECIFICATIONS TO SMOKE HATCH, VIA 1"C., SUBSCRIPT INDICATES SMOKE HATCH CONTROL.	
STRING, WITH DUNTER BACK		NOTE FOR LOCAL FIRE ALARM DEVICES: INTERCONNECT ALL LOCAL FIRE ALARM DEVICES AS PER MANUFACTURER'S SPECIFICATIONS	
VISE NOTED.		WITHIN EACH APARTMENT SO THAT IF ANY DEVICE INITIATES AN ALARM, ALL DEVICES IN THAT APARTMENT WILL GO INTO ALARM. WHERE APARTMENTS ARE NOT BEING COMPLETELY RENOVATED, CONNECT NEW FIRE ALARM DEVICES TO EXISTING APARTMENT LOCAL FIRE	
, AND PULL D 6" ABOVE		ALARM DEVICE 120V CIRCUIT OR IF NOT AVAILABLE, EXISTING UNSWITCHED 120V CIRCUIT.	
	(SD)	LOCAL ONLY SELF CONTAINED SMOKE ALARM, 120V, PHOTOELECTRIC TYPE, WITH BATTERY BACKUP, INTERCONNECTABLE.	
. PROVIDE 4" STRING, WITH DUNTER BACK	ŚC	LOCAL ONLY SELF CONTAINED COMBINATION SMOKE/CARBON MONOXIDE ALARM, 120V, WITH BATTERY BACKUP, INTERCONNECTABLE.	
	$\langle \mathbb{O} \rangle$	LOCAL ONLY SELF CONTAINED CARBON MONOXIDE ALARM, 120V, WITH BATTERY BACKUP, INTERCONNECTABLE.	
SERIES. NIRED	$\langle s \rangle$	LOCAL ONLY STROBE, 120V, WALL MOUNTED AT 80" A.F.F. TO CENTER, "C" INDICATES	
ES. PROVIDE		CEILING TYPE. UNLESS OTHERWISE NOTED, CANDELA RATING SHALL BE 177. POWER:	
RNITURE. TO PRE-WIRED		SURFACE MOUNTED PANELBOARD.	
		FLUSH MOUNTED PANELBOARD.	
PROVIDE 4" String, with		TRANSFORMER.	
THERWISE K PLATE, AND		ZERO SEQUENCE HARMONIC FILTER. METER SOCKET, PROVIDE AS PER ELECTRIC UTILITY CO. STANDARDS, METER BY ELECTRIC	
VELATE, AND		UTILITY CO.	
	SMBD	OWNER METER, REFER TO DRAWINGS FOR SPECIFICATION.	
	MDP	MAIN DISTRIBUTION PANELBOARD.	
	СТ	CURRENT TRANSFORMER CABINET AS PER ELECTRIC UTILITY CO. STANDARDS.	
MOUNTED AT "WP" INDICATES		OPERATION ROOM ISOLATION PANELBOARD.	
LL BE 15, EAKER.	LIM	LINE ISOLATION MODULE.	
T, WITH TWO BOTTOM OF	SPD	SURGE PROTECTION DEVICE.	
LL BE 15,	MCC	MOTOR CONTROL CENTER.	
'EAKER. 'ITH LENS	$\boxtimes$	MAGNETIC MOTOR STARTER, "H" INDICATES PROVIDED WITH HVAC EQUIPMENT BY HVAC SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.	
R 6" BELOW ICATES WITH BW" DENOTES 8	D	FUSED DISCONNECT SWITCH, "WP" INDICATES WEATHERPROOF, "H" INDICATES PROVIDED WITH HVAC EQUIPMENT BY HVAC SUBCONTRACTOR, WIRED BY ELECTRICAL	
	<b>L</b> 2,	SUBCONTRACTOR.	•
AT 90" A.F.F. TO ED ON CEILING.	Ľ	NON-FUSED DISCONNECT SWITCH, "WP" INDICATES WEATHERPROOF, "H" INDICATES PROVIDED WITH HVAC EQUIPMENT BY HVAC SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.	
BUTTON THE DEVICE.	र्ड	THERMAL OVERLOAD TOGGLE SWITCH.	
D AT 80" A.F.F. A RATING SHALL	(1)	MOTOR, NUMERAL INDICATES HORSEPOWER.	
" A.F.F. TO TOP	RGAP EB	REMOTE GENERATOR ANNUNCIATOR PANEL.	
" BELOW VICATES WITH	SECB	SECONDARY ENCLOSED CIRCUIT BREAKER.	
ITED ON	PECB	PRIMARY ENCLOSED CIRCUIT BREAKER.	
NDELA RATING	VFD	VARIABLE FREQUENCY DRIVE, PROVIDED BY HVAC SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.	
DF, "WG" NOTED.	ATC	AUTOMATIC TEMPERATURE CONTROL PANEL, PROVIDED BY HVAC SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.	
CENTER.	С	CONTACTOR.	
NG WHICHEVER		MOTORIZED DAMPER, PROVIDED BY HVAC SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.	
DICATES WITH	$\bigcirc$	THERMOSTAT FOR ELECTRIC BASEBOARD HEAT.	
		ELECTRIC BASEBOARD HEAT.	
	UB	UTILITY CONTROL BOX, PROVIDED BY PLUMBING SUBCONTRACTOR. ELECTRICAL SUBCONTRACTOR SHALL WIRE PUSHBUTTON IN CONTROL UTILITY BOX SO THAT WHEN BUTTON IS PUSHED STUDENT STATION RECEPTACLE (GFCI) CIRCUITS SHALL BE SHUNT	
		TRIPPED.	
	URP	UTILITY CONTROL RELAY PANEL, FURNISHED BY PLUMBING SUBCONTRACTOR, INSTALLED AND WIRED BY ELECTRICAL SUBCONTRACTOR.	
	SBa	BOILER EMERGENCY SHUTOFF SWITCH, RED COVER PLATE, ENGRAVED WITH "BOILER EMERGENCY SHUTOFF SWITCH." LOWER CASE LETTER INDICATES BOILER CONTROL.	
	SWHa	WATER HEATER EMERGENCY SHUTOFF SWITCH, RED COVER PLATE, ENGRAVED WITH	
(AMBER) AS PER S WITH	<b>\$</b>	"WATER HEATER EMERGENCY SHUTOFF SWITCH." LOWER CASE LETTER INDICATES WATER HEATER CONTROL.	
	Ê	EMERGENCY SHUTOFF MUSHROOM BUTTON, FOR CONNECTION TO SHUNT TRIP CIRCUIT BREAKER. PROVIDE 1"C. WITH WIRING AS REQUIRED FROM BUTTON TO CIRCUIT BREAKER. LABEL BUTTON AS "POWER EMERGENCY SHUTOFF."	
		LIGE BUTTOR AUTOMENTENENULINUTURUFULUTUR	
			-
			[

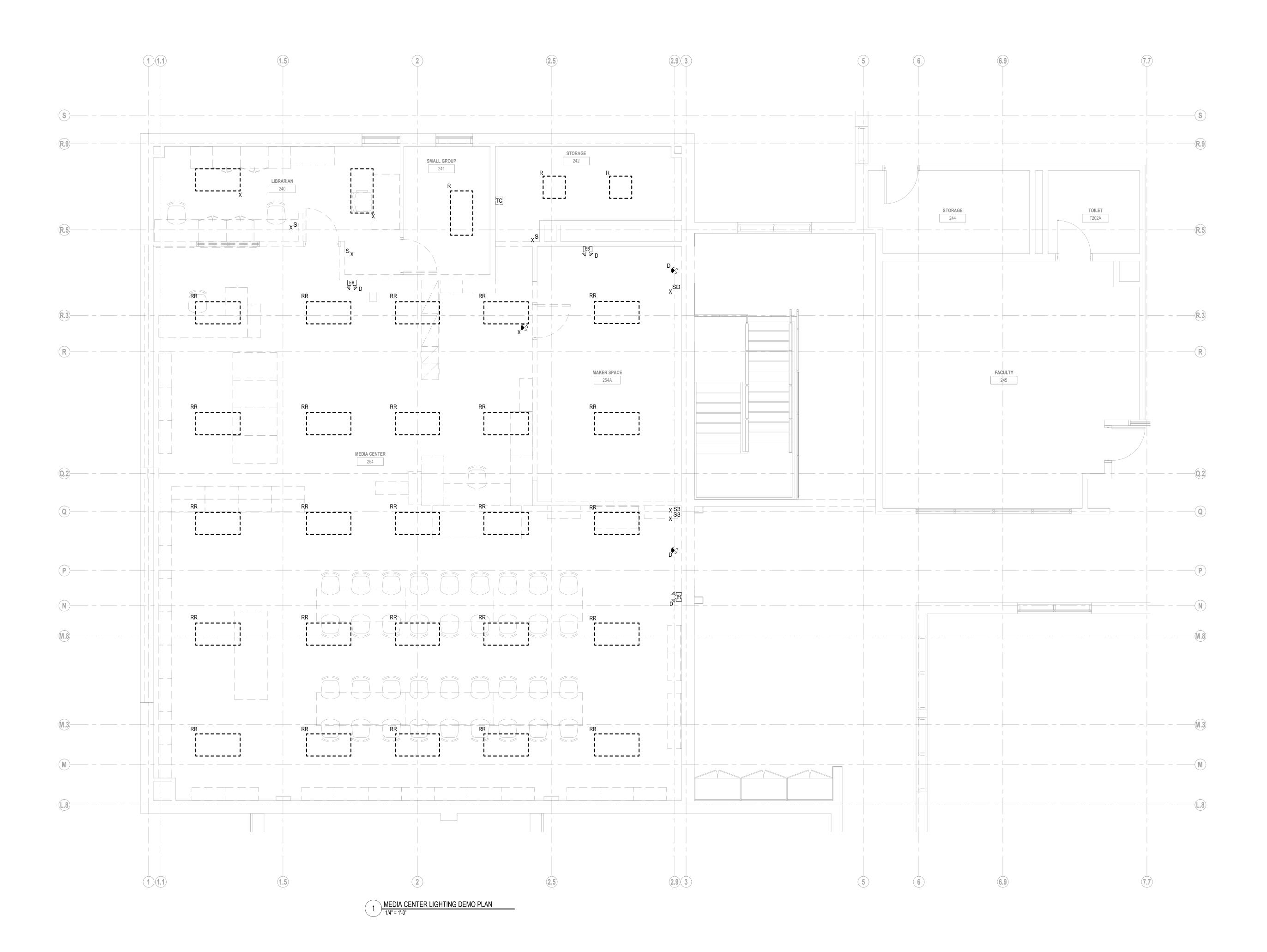
SUBCONTRACTOR. PADDLE FAN.
PADDLE FAN CONTROLLER, LOWER CASE LETTER INDICATES PADDLE FAN CONTROL. WATER HEATER, PROVIDED BY PLUMBING SUBCONTRACTOR, WIRED BY ELECTRICAL
SUBCONTRACTOR. BLEACHER CONTROL BOX, FURNISHED WITH BLEACHERS, INSTALLED AND WIRED BY
ELECTRICAL SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE WIRING PER MANUFACTURER'S SPECIFICATIONS TO BLEACHERS, VIA 1"C. BLEACHER KEY SWITCH, FURNISHED WITH BLEACHERS, INSTALLED AND WIRED BY
ELECTRICAL SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CONTRA WIRING AS PER MANUFACTURER'S SPECIFICATIONS TO BLEACHERS, VIA 1"C., SUBSCRIPT INDICATES BLEACHER CONTROL.
RECYCLED WATER SYSTEM CONTROL PANEL, PROVIDED BY PLUMBING SUBCONTRACTOR ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CIRCUIT TO CONTROL PANEL, PLUMBING SUBCONTRACTOR SHALL PROVIDE CONDUIT AND WIRING TO RECYCLED WATER SYSTEM REQUIRED.
DYE ULTRAVIOLET SYSTEM CONTROL PANEL, PROVIDED BY PLUMBING SUBCONTRACTO ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CIRCUIT TO CONTROL PANEL, PLUMBING SUBCONTRACTOR SHALL PROVIDE CONDUIT AND WIRING TO DYE ULTRAVIOLET SYSTEM
REQUIRED. GREASE INTERCEPTOR CONTROL PANEL, PROVIDED BY PLUMBING SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CIRCUIT TO CONTROL PANEL, PLUMBING SUBCONTRACTOR SHALL PROVIDE CONDUIT AND WIRING TO GREASE INTERCEPTOR SY AS REQUIRED.
OPERABLE WALL, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.
OPERABLE WALL CONTROLLER, FURNISHED WITH OPERABLE WALL, INSTALLED AND WIF BY ELECTRICAL SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CONTROL WIRING AS PER MANUFACTURER'S SPECIFICATIONS TO OPERABLE WALL, VIA SUBSCRIPT INDICATES OPERABLE WALL CONTROL.
DROP DOWN BATTING CAGE, PROVIDED BY GENERAL CONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE JUNCTION FOR SPECIAL PURPOSE RECEPTACLE AS REQUIRED BY MANUFACTURER.
DROP DOWN BATTING CAGE CONTROLLER, FURNISHED WITH BATTING CAGE, INSTALLE AND WIRED BY ELECTRICAL SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CONTROL WIRING AS PER MANUFACTURER'S SPECIFICATIONS TO DROP DOWN BATTING CAGE, VIA 1"C., SUBSCRIPT INDICATES DROP DOWN BATTING CAGE CONTROL.
BASKETBALL BACKSTOP WINCH, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.
BASKETBALL BACKSTOP WINCH KEY SWITCH, FURNISHED WITH WINCH, INSTALLED AND WIRED BY ELECTRICAL SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVI WIRING AS PER MANUFACTURER'S SPECIFICATIONS TO BASKETBALL BACKSTOP WINCH 1"C., SUBSCRIPT INDICATES BASKETBALL BACKSTOP WINCH CONTROL. BASKETBALL BACKSTOP HEIGHT ADJUSTER, PROVIDED BY GENERAL CONTRACTOR, WIF
BASKETBALL BACKSTOP HEIGHT ADJUSTER, FROVIDED BY GENERAL CONTRACTOR, WITH BY ELECTRICAL SUBCONTRACTOR. BASKETBALL BACKSTOP HEIGHT ADJUSTER KEY SWITCH, FURNISHED WITH BACKSTOP HEIGHT ADJUSTER, INSTALLED AND WIRED BY ELECTRICAL SUBCONTRACTOR, ELECTRI
HEIGHT ADJUSTER, INSTALLED AND WIRED BY ELECTRICAL SUBCONTRACTOR, ELECTRI SUBCONTRACTOR SHALL PROVIDE WIRING AS PER MANUFACTURER'S SPECIFICATIONS BACKSTOP HEIGHT ADJUSTER, VIA 1"C., SUBSCRIPT INDICATES BACKSTOP HEIGHT ADJUSTER CONTROL.
MOTORIZED WINDOW SHADE, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTR SUBCONTRACTOR. ELECTRICAL SUBCONTRACTOR TO PROVIDE ALL POWER AND CONTR WIRING FOR COMPLETE AND OPERATIONAL SYSTEM. ELECTRICAL SUBCONTRACTOR TO ASSUME THAT THE MOTOR WILL COME WITH A 6' LONG WHIP FROM GENERAL CONTRACT TO CONNECT TO JUNCTION BOX PROVIDED AND INSTALLED BY ELECTRICAL SUBCONTRACTOR ELECTRICAL SUBCONTRACTOR TO PROVIDE ALL WIRING FROM UNIO
SUBCONTRACTOR. ELECTRICAL SUBCONTRACTOR TO PROVIDE ALL WIRING FROM JUNC BOX TO SHADE CONTROLLERS PROVIDED BY GENERAL CONTRACTOR; INSTALLED BY ELECTRICAL SUBCONTRACTOR. JUNCTION BOX LOCATION TO BE COORDINATED IN THE BETWEEN ARCHITECT, SHADE INSTALLER AND ELECTRICAL SUBCONTRACTOR. ELECTRI SUBCONTRACTOR TO ASSUME THAT ONE SHADE CONTROLLER WILL CONTROL UP TO FO
SHADES. IF WINDOWS HAVE DOUBLE SHADES TWO CONTROLLERS WILL BE PROVIDED. CONTROLLER TO OPERATE UP TO FOUR LIGHT FILTERING SHADES AND ONE CONTROLL TO CONTROL UP TO FOUR BLACK OUT SHADES.
WINDOW SHADE CONTROLLER, FURNISHED WITH OPERABLE WINDOW SHADE, INSTALLE AND WIRED BY ELECTRICAL SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CONTROL WIRING AS PER MANUFACTURER'S SPECIFICATIONS TO WINDOW SH VIA 1"C., SUBSCRIPT INDICATES WINDOW SHADE CONTROL.
CURTAIN DIVIDER, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR. CURTAIN DIVIDER CONTROLLER, FURNISHED WITH CURTAIN DIVIDER, INSTALLED AND V
BY ELECTRICAL SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE WIR AS PER MANUFACTURER'S SPECIFICATIONS TO CURTAIN DIVIDER, VIA 1"C., SUBSCRIPT INDICATES CURTAIN DIVIDER CONTROL. OVERHEAD DOOR, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL
SUBCONTRACTOR. OVERHEAD DOOR CONTROLLER, FURNISHED WITH OVERHEAD DOOR, INSTALLED AND W BY ELECTRICAL SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE WIR
AS PER MANUFACTURER'S SPECIFICATIONS TO OVERHEAD DOOR, VIA 1"C., SUBSCRIPT INDICATES OVERHEAD DOOR CONTROL. PROJECTION SCREEN, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL
SUBCONTRACTOR. PROJECTION SCREEN CONTROLLER, FURNISHED WITH PROJECTION SCREEN, INSTALLE AND WIRED BY ELECTRICAL SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CONTROL WIRING AS PER MANUFACTURER'S SPECIFICATIONS TO PROJECTIO
SCREEN, VIA 1"C., SUBSCRIPT INDICATES PROJECTION SCREEN CONTROL. HOIST, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTO
HOIST CONTROLLER, FURNISHED WITH HOISTS, INSTALLED AND WIRED BY ELECTRICAL SUBCONTRACTOR. ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CONTROL WIRING A MANUFACTURER'S SPECIFICATIONS TO HOISTS, VIA 1"C., AND POWER WIRING AS PER MANUFACTURER'S SPECIFICATIONS TO HOISTS, VIA 1"C., SUBSCRIPT INDICATES HOIST CONTROL.
MAT HOIST, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.
MAT HOIST CONTROLLER, FURNISHED WITH HOISTS, INSTALLED AND WIRED BY ELECTR SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CONTROL WIRING A MANUFACTURER'S SPECIFICATIONS TO MAT HOIST, VIA 1"C., SUBSCRIPT INDICATES MAT HOIST CONTROL.
COILING GATE, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.
COILING GATE CONTROLLER, FURNISHED COILING GATE, INSTALLED AND WIRED BY ELECTRICAL SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE CONTR WIRING AS PER MANUFACTURER'S SPECIFICATIONS TO COILING GATE, VIA 1"C, SUBSCR
INDICATES COILING GATE CONTROL. SCOREBOARD, PROVIDE DUPLEX RECEPTACLE ADJACENT TO SCOREBOARD.
SHOT TIMER, PROVIDE DUPLEX RECEPTACLE ADJACENT TO SHOT TIMER. SCOREBOARD/SHOT TIMER CONTROL RECEPTACLE BOX.
DESTRATIFICATION FAN, CONTROLLED VIA SOLID STATE CONTROLLER. DESTRATIFICATION FAN SOLID STATE CONTROLLER, PROVIDE CONTROL WIRING AS PEF
MANUFACTURER'S SPECIFICATIONS TO DESTRATIFICATION FAN, VIA 1"C., SUBSCRIPT INDICATES DESTRATIFICATION FAN CONTROL.
SOLENOID VALVE, PROVIDED BY PLUMBING SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.
AQUASTAT, PROVIDED BY PLUMBING SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR. RE-CIRC PUMP, PROVIDED BY PLUMBING SUBCONTRACTOR, WIRED BY ELECTRICAL
RE-CIRC PUMP, PROVIDED BY PLUMBING SUBCONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR. PULL BOX.
SECURITY SYSTEM JUNCTION BOX POWER IN IDF AND MDF ROOMS, CONNECT ALL SECU EQUIPMENT IN THE ROOM TO THIS CIRCUIT, REFER TO TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR REQUIREMENTS.
JUNCTION BOX.
JUNCTION BOX WITH BLANK PLATE. HEAT TRACE CIRCUIT.
POWERED DOOR CONTROLLER, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.
AUTOMATIC POWERED DOOR, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTI SUBCONTRACTOR.
PUSH PLATE, PROVIDED BY GENERAL CONTRACTOR FOR AUTOMATIC POWERED DOOR, ELECTRICAL SUBCONTRACTOR SHALL PROVIDE WIRING AS PER MANUFACTURER'S SPECIFICATIONS TO POWERED DOOR CONTROLLER, VIA 1"C.
ELECTRIC WATER COOLER/FOUNTAIN, PROVIDED BY PLUMBING SUBCONTRACTOR, WIRI ELECTRICAL SUBCONTRACTOR.
ELECTRIC HAND DRYER, PROVIDED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL SUBCONTRACTOR.
RANGE HOOD, PROVIDED BY OTHERS, WIRED BY ELECTRICAL SUBCONTRACTOR.
WALL OVEN, PROVIDED BY OTHERS, WIRED BY ELECTRICAL SUBCONTRACTOR.
DISHWASHER, PROVIDED BY OTHERS, WIRED BY ELECTRICAL SUBCONTRACTOR.

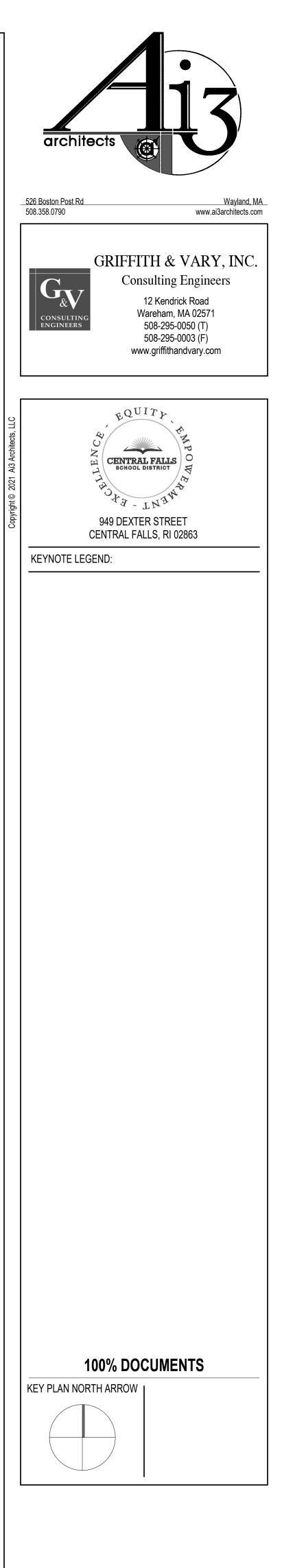
POINT CONCRETE MOUNTING KIT, WARKANTY, AND STATION INITIAL ACTIVATION, CHARGE POINT #CT4011-GW1-CT4000PMGMT- CT4001CCM-CT4000ASSURE-CPSUPPORTACTIVE, OR EQUAL. REFER TO ELECTRIC VEHICLE CHARGING STATION DETAIL.

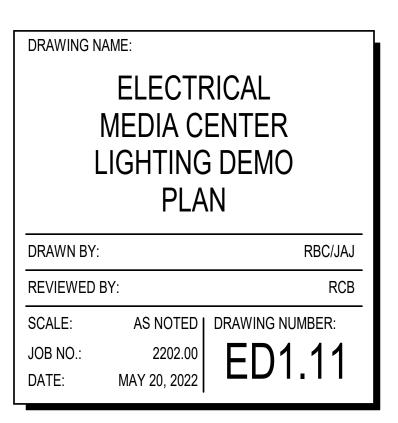
VCS2	PEDESTAL (BOLLARD) MOUNTED, DUAL, NETWORKED ELECTRIC VEHICLE CHARGING STATION, WITH INTEGRAL GATEWAY MODEM, POWER MANAGEMENT KIT, BOLLARD CONCRETE MOUNTING KIT, WARRANTY, AND STATION INITIAL ACTIVATION, CHARGE POINT #CT4021-GW1-CT4000PMGMT- CT4001CCM-CT4000ASSURE-CPSUPPORTACTIVE, OR EQUAL. REFER TO DUAL ELECTRIC VEHICLE CHARGING STATION DETAIL.	
PE	<u>SITE:</u> PRIMARY ELECTRIC MANHOLE TO MEET ELECTRIC UTILITY CO. STANDARDS.	
LM	LOW VOLTAGE MANHOLE TO MEET SERVICE PROVIDER STANDARDS.	
LH PH	LOW VOLTAGE HANDHOLE TO MEET SERVICE PROVIDER STANDARDS.	
ET ET	POWER HANDHOLE TO MEET SERVICE PROVIDER STANDARDS. 24" X 24" X 24" 5,000 PSI MINIMUM AFTER 28 DAYS, CONCRETE UNDERGROUND HANDHOLE,	
Ð	WITH 4"X10" OPENING IN EACH WALL, EQUAL TO SHEA CONCRETE PRODUCTS #HH-22-24. UTILITY POLE, PROVIDED BY SERVICE PROVIDER.	
-	UNDERGROUND SERVICES, "U" INDICATES UNDERGROUND, "P"INDICATES PRIMARY ELECTRIC SERVICE, "S" INDICATES SECONDARY ELECTRIC SERVICE, "T" INDICATES TELEPHONE	
	SERVICE, "C" INDICATES SECONDARY ELECTRIC SERVICE, "T INDICATES TELEPHONE SERVICE, "C" INDICATES CABLE TV SERVICE, "FA" INDICATES FIRE ALARM SERVICE. OVERHEAD SERVICES, "O" INDICATES OVERHEAD, "P" INDICATES PRIMARY ELECTRIC SERVICE, "S" INDICATES SECONDARY ELECTRIC SERVICE, "T" INDICATES TELEPHONE SERVICE, "C" INDICATES CABLE TV SERVICE, "FA" INDICATES FIRE ALARM SERVICE.	
UGE	UNDERGROUND GENERATOR FEEDERS AND ACCESSORIES.	
	MISCELLANEOUS:	
	SLEEVE THU WALL, NUMBER INDICATES SIZE IN INCHES. CABLE TRAY.	
⊙ <sub>a</sub>	LOW VOLTAGE WEATHERPROOF PUSHBUTTON, EDWARDS #852, OR EQUAL, MOUNTED AT 48" A.F.F TO CENTER. SUBSCRIPT INDICATES BUZZER CONTROL.	
BZ	LOW VOLTAGE BUZZER, EDWARDS #725, OR EQUAL. SUBSCRIPT INDICATES PUSHBUTTON CONTROL.	
ТВ	TRANSFORMER FOR LOW VOLTAGE BUZZER AND WEATHERPROOF PUSHBUTTON, EDWARDS #592, OR EQUAL. PROVIDE 120V CIRCUIT FROM NEAREST RECEPTACLE. INTERCONNECT TO LOW VOLTAGE BUZZERS AND LOW VOLTAGE WEATHERPROOF PUSHBUTTON AS REQUIRED.	
(EF)	MECHANICAL EQUIPMENT (REQUIRING POWER CONNECTION): EXHAUST FAN	
P	PUMP	
RTU	HORIZONTAL UNIT HEATER ROOF TOP UNIT	
B	BOILER	
	ELECTRIC UNIT HEATER	
	CHILLER COOLING TOWER	
VFD	VARIABLE FREQUENCY DRIVE	
	DUCTLESS FAN COIL	
	ENERGY RECOVERY UNIT	
MAU	MAKE-UP AIR UNIT	
AHU FC		
	FAN COIL UNIT TERMINAL BOX	
	PUBLIC SAFETY SIGNAL BOOSTER SYSTEM:	
BDA BDM	WALL MOUNTED BIDIRECTIONAL AMPLIFIER.	
	WALL MOUNTED BIDIRECTIONAL AMPLIFIER STATUS MONITORING PANEL. DIRECTIONAL YAGI ANTENNA.	
BDA	BIDIRECTIONAL AMPLIFIER CABLE AND ANTENNAS.	
	EXISTING ELECTRICAL LEGEND: EXISTING ELECTRICAL EQUIPMENT WITHOUT A DESIGNATION IS TO REMAIN.	_
Xv		E
ĔŶŸჶ	"X" INDICATES EXISTING ELECTRICAL EQUIPMENT WHICH IS TO BE REMOVED. PULL BACK WIRING AND CONDUIT BACK TO NEXT ACTIVE OUTLET OR POWER SOURCE.	
₽ ₽ ₽ ₽ ₽ ₽ ₽	"R" INDICATES EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED AND RELOCATED. EXISTING CIRCUIT SHALL BE EXTENDED TO NEW LOCATION OF RELOCATED EXISTING ELECTRICAL EQUIPMENT.	-
•••	"N" INDICATES NEW LOCATION OF RELOCATED EXISTING ELECTRICAL EQUIPMENT.	<u>30A</u> F 30AS ≪
	"D" INDICATES EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED. EXISTING CIRCUIT/WIRING AND BACK BOX SHALL REMAIN. NEW DEVICE SHALL BE LOCATED IN PLACE, EXTEND CIRCUIT/WIRING TO NEW ELECTRICAL EQUIPMENT.	<u>150KVA</u> 120/208V
RR FR FR FR FR FR FR FR FR FR FR FR FR F	"RR" INDICATES EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED AND RELOCATED. PROVIDE NEW CIRCUIT AS INDICATED ON DRAWINGS.	
NN NN C NN NN C NN NN	"NN" INDICATES NEW LOCATION OF RELOCATED EXISTING ELECTRICAL EQUIPMENT.	30AS 
	NOTES:	40041
	<ol> <li>DOTTED SYMBOLS INDICATE EXISTING ELECTRICAL EQUIPMENT.</li> <li>REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.</li> <li>ELECTRICAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE CONTINUITY OF ALL EXISTING CIRCUITS WHICH ARE REMAINING.</li> <li>ELECTRICAL SUBCONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL EQUIPMENT, WIRING, CONDUIT, ETC. ASSOCIATED WITH EXISTING MECHANICAL, PLUMBING, AND FIRE PROTECTION EQUIPMENT SCHEDULED TO BE REMOVED. REFER TO DRAWINGS FOR LOCATIONS OF EQUIPMENT.</li> </ol>	8
		400AS
	TYPE, REFER TO LIGHTING FIXTURE SCHEDULE	Ę
	INDICATES PANEL FROM WHERE BRANCH CIRCUIT ORIGINATES	[
L 1	IGHTING NOTES: THIS KEY APPLIES TO ALL LIGHTING FIXTURES, EXIT SIGNS, EMERGENCY BATTERY UNITS, ETC.	
	ELECTRICAL DEVICE	
	INDICATES PANEL FROM WHERE BRANCH CIRCUIT ORIGINATES	,
- 1.	DISCONNECT SWITCHES, THERMAL SWITCHES, ETC.	
<u>6</u> 1.	BETWEEN ALL LIGHTING FIXTURES, RECEPTACLES, OUTLETS, ETC.	
2	INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS. REFER TO SPECIFICATIONS FOR APPLICABLE MEANS AND METHODS. ALTHOUGH ALL BRANCH CIRCUIT WIRE AND CONDUIT IS NOT SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH	
3	CIRCUIT WIRING SYSTEM BE INSTALLED.	
	CIRCUITING KEY N.T.S.	
	LC INDICATES "LIGHTING CONTROL DETAIL"	
A	NUMBER REFERS TO LIGHTING CONTROL     DETAIL TO BE REFERENCED, TYPICAL. ENERAL NOTE:	
<u> </u>		
	LIGHTING CONTROL KEY N.T.S.	

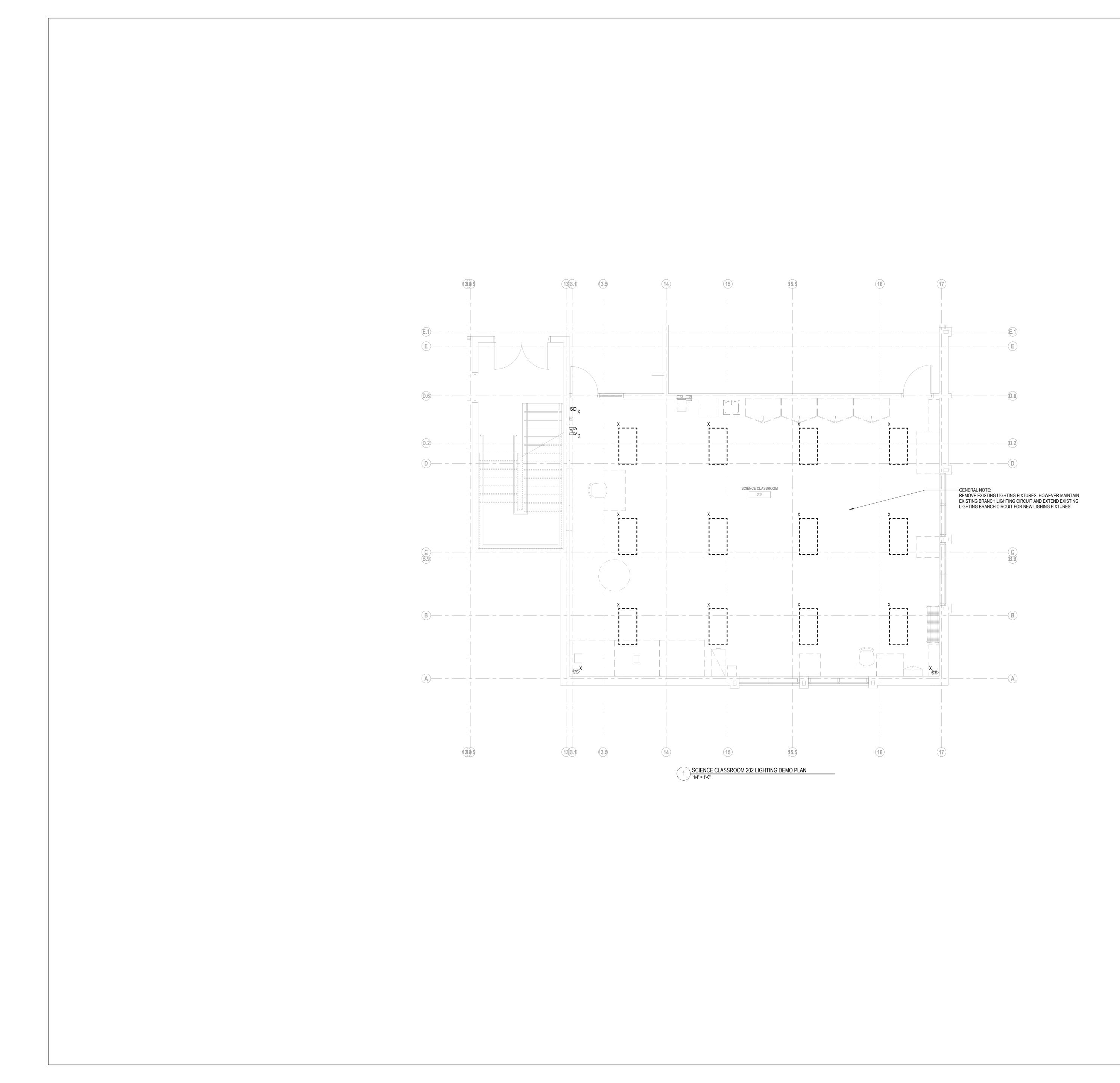
	NURSE CALL:
	NOTE: ELECTRICAL SUBCONTRACTOR TO COORDINATE ALL BOX SIZES WITH EQUIPMENT VENDOR PRIOR TO PURCHASING.
N	
(ES	WITH OWNER AND ARCHITECT.
	OWNER AND ARCHITECT.
S	
(SA (C	
<ul> <li></li> <li></li> </ul>	ASSIST.
<u>(</u>	ARCHITECT.
B	
(J (BF	
BS	NURSE CALL BED STATUS STATION.
¢ ¢	
¢ ¢	
	SOUND SYSTEM:
	EQUIPMENT DESIGNATIONS: "L" INDICATES LOCAL SOUND SYSTEM, SEE SPECIFICATIONS. "S" INDICATES SURFACE MOUNTED.
SF	
SF	FOR RECESSED WALL MOUNTED SPEAKER. BACK BOX (FURNISHED AND INSTALLED BY SYSTEM INTEGRATOR) WITH 1" C. TO SPACE ABOVE CORRIDOR CEILING (FURNISHED AND INSTALLED BY ELECTRICAL SUBCONTRACTOR) FOR RECESSED CEILING MOUNTED SPEAKER.
<b>∨</b> SF	
AM	_
M	FOR LOCAL ONLY SOUND SYSTEM AMPLIFIER. BACK BOX (FURNISHED AND INSTALLED BY SYSTEM INTEGRATOR) WITH 1" C. TO SPACE ABOVE CORRIDOR CEILING (FURNISHED AND INSTALLED BY ELECTRICAL SUBCONTRACTOR)
M	<ul><li>FOR LOCAL SOUND SYSTEM MICROPHONE OUTLET.</li><li>BACK BOX (FURNISHED AND INSTALLED BY SYSTEM INTEGRATOR) WITH 1" C. TO SPACE</li></ul>
	ABOVE CORRIDOR CEILING (FURNISHED AND INSTALLED BY ELECTRICAL SUBCONTRACTOR) FOR SOUND SYSTEM MICROPHONE OUTLET.
Ø	ABOVE CORRIDOR CEILING (FURNISHED AND INSTALLED BY ELECTRICAL SUBCONTRACTOR) FOR RECESSED WALL MOUNTED VOLUME CONTROL.
A/s	
	ONE LINE DIAGRAM:
	EQUIPMENT DESIGNATIONS: "AF" INDICATES AMPERE FRAME SIZE. "AT" INDICATES AMPERE TRIP SETTINGS.
•	SPLICE.
	<ul> <li>RACEWAY BREAK SYMBOL, INDICATES CONTINUATION OF RACEWAY AND WIRING.</li> <li>RACEWAY CAP SYMBOL. INDICATES CAPPED AND SEALED RACEWAY.</li> </ul>
Δ	
Y	
- X 	CONTACT, NORMALLY OPEN.
30AF //	CONTACT, NORMALLY CLOSED.
	DRAW OUT MEDIUM VOLTAGE STARTER.     DRAW OUT MEDIUM VOLTAGE CIRCUIT BREAKER.
150KVA 120/208V	n Power Transformer, size as indicated.
L L L	CP CONTROL POWER TRANSFORMER.
Ē	CURRENT TRANSFORMER.
30AF 30AS	➤ MOLDED CASE CIRCUIT BREAKER. T→ FUSE.
400AF 400AT	
<sub>ل</sub> ے	GROUND FAULT SENSOR AND RELAY.
As	AMMETER SWITCH.
AM (VS	
KW	
400AS 30	HEAVY DUTY FUSIBLE SAFETY SWITCH, "400AS" INDICATES SWITCH RATING, "300AS" INDICATES FUSE RATING.
≟ ∳≟	SYSTEM GROUND OR EQUIPMENT GROUND.
ĨN_L	E AUTOMATIC TRANSFER SWITCH.
K	KIRK KEY. AREA OF REFUGE:
AF	WALL MOUNTED AREA OF REFUGE CALL STATION. CONNECT TO MASTER PANEL WITH FIRE RESISTIVE CABLE. EQUAL TO RATH 2100.
AR	PANEL TO TRANSFER CALL TO 911 AFTER TIME INTERVAL DETERMINED BY 2015 IBC AND LOCAL FIRE DEPARTMENT. BASE STATION EQUAL TO RATH 2500 WITH 2100-GSMLC CELLULAF
AR	<ul> <li>DEVICE, 2500-PWR24 POWER SUPPLY, AND RP6600300M 2 HOUR RATED CABLE, 2100-XXXSSRC2 4-HOUR BATTERY BACK UP.</li> <li>SINGLE FACE AREA OF RESCUE ASSISTANCE SIGN, WITH GREEN LETTERS ON WHITE BACKGROUND, BRUSHED ALUMINUM HOUSING, UNIVERSAL, FIELD CONVERTIBLE. ISOLITE</li> </ul>
	TLCG2-AC-G-1-WH-BA-MTEB-CW26 OR EQUAL .
	GENERALNOTE:
	ALL EXISTING TO BE REMOVED LIGHTING FIXTURES SHALL BE TURNED
	OVER TO FACILITIES.

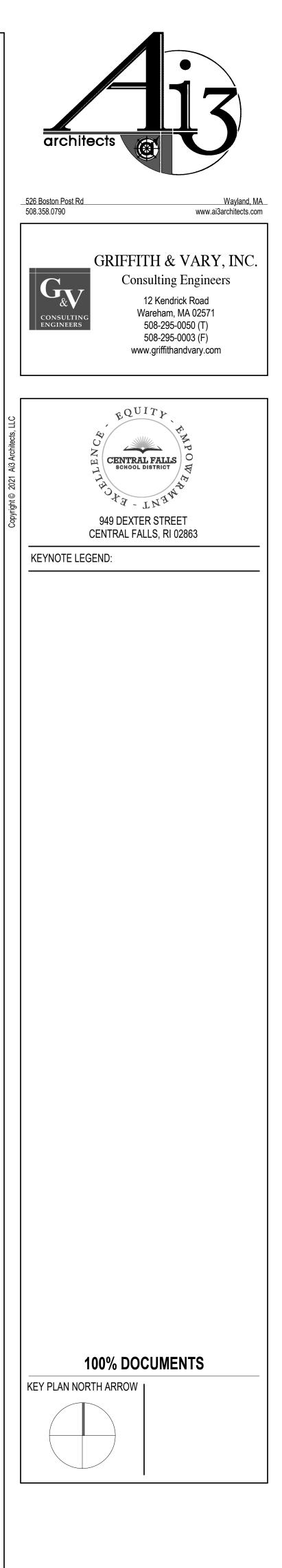


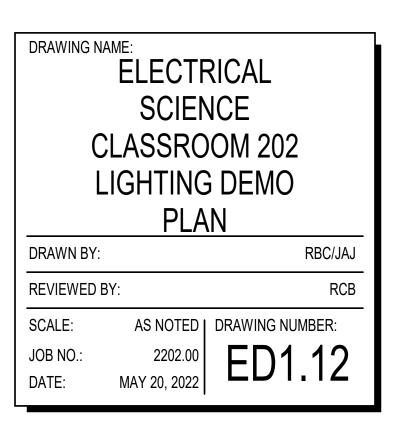


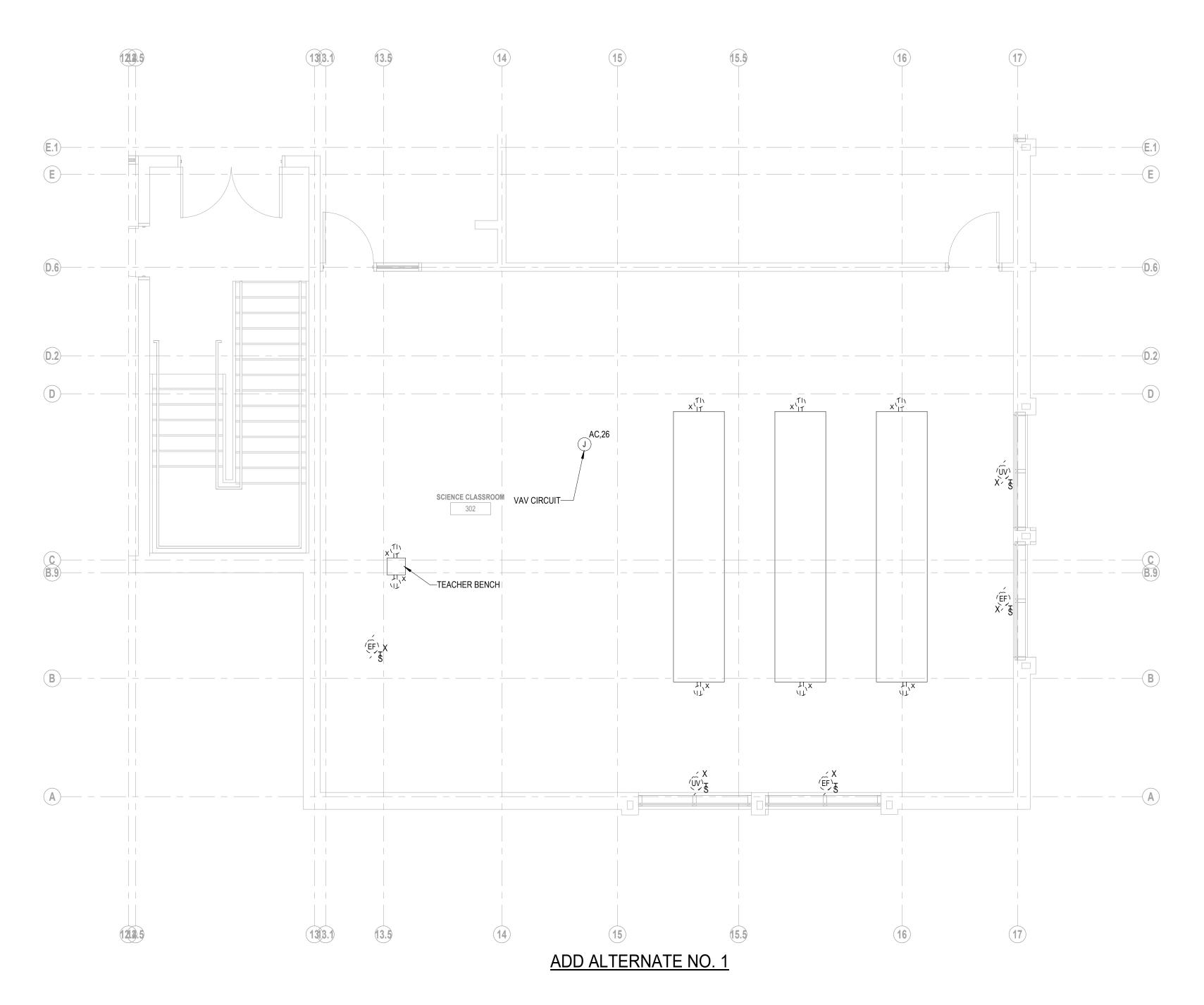




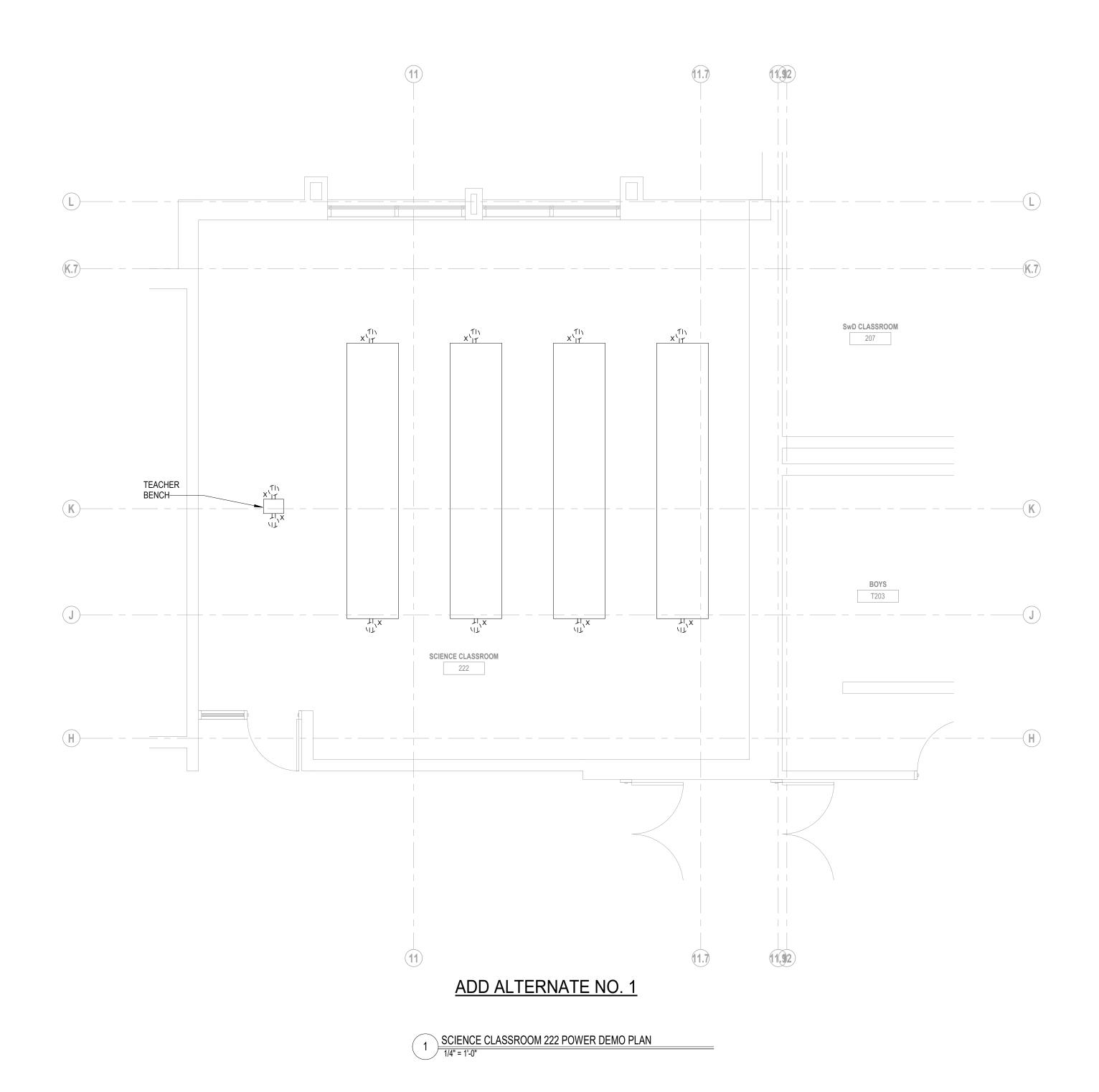


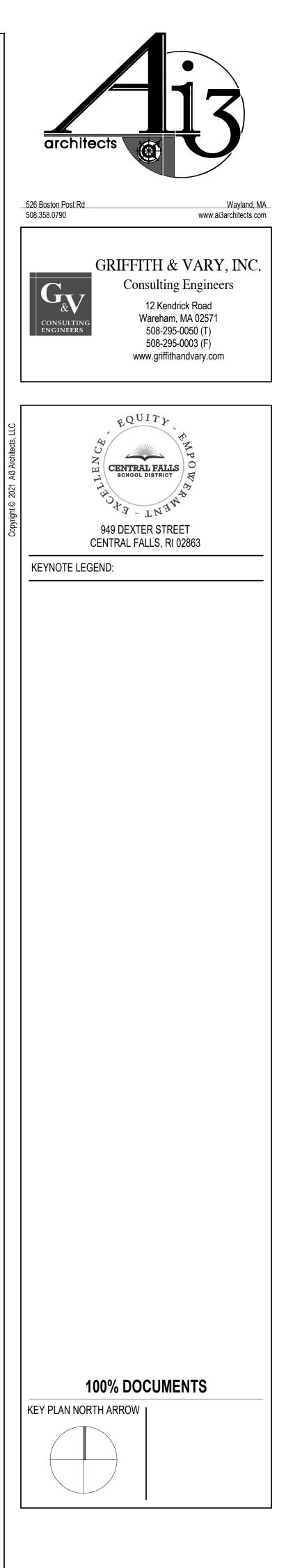


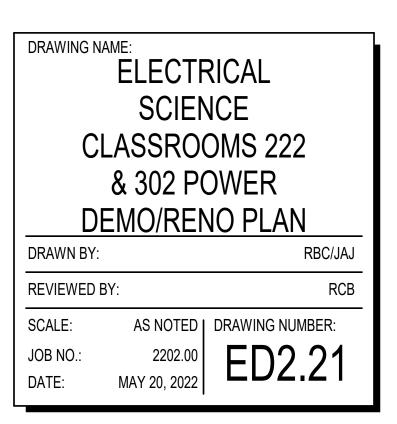


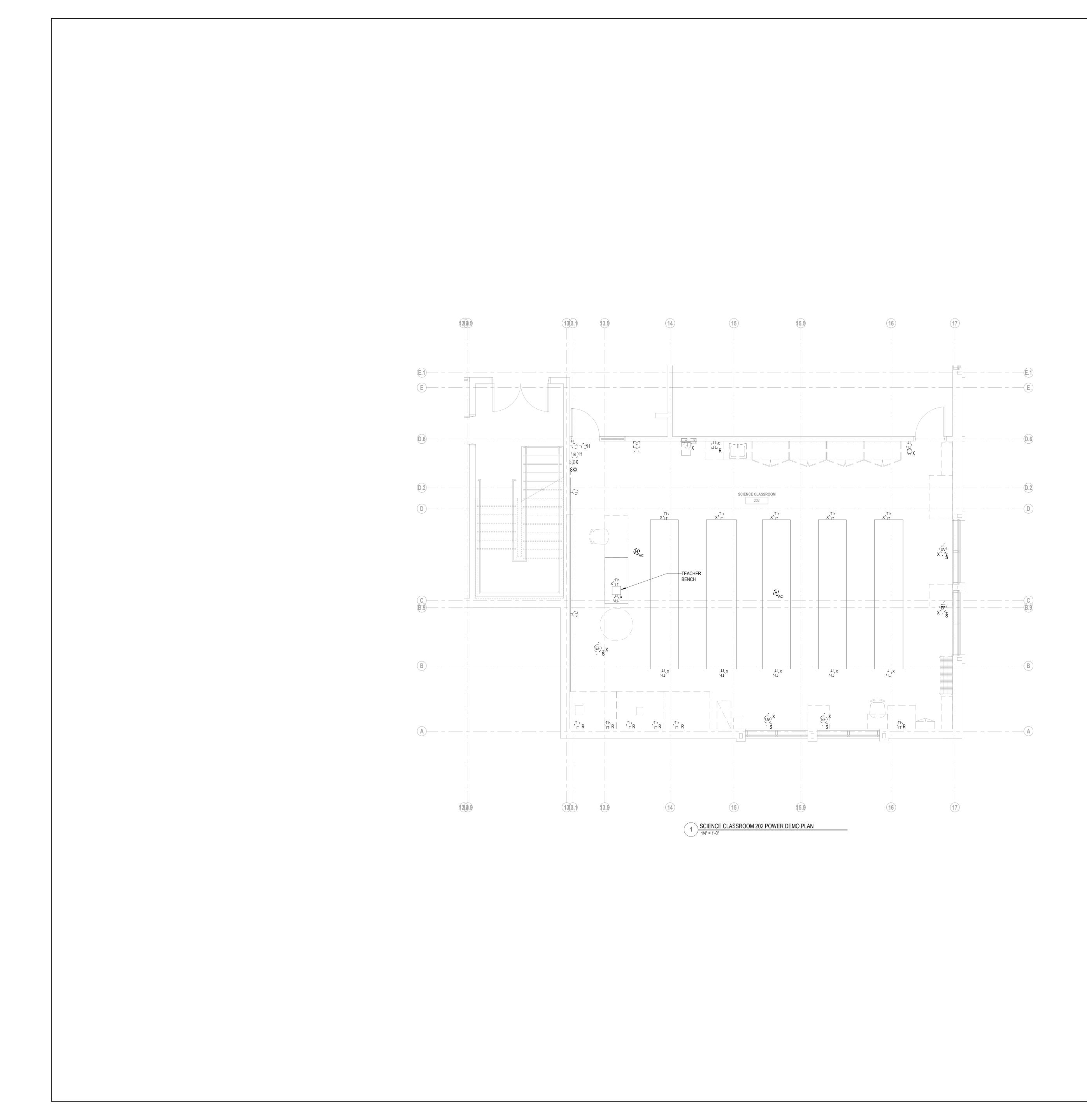


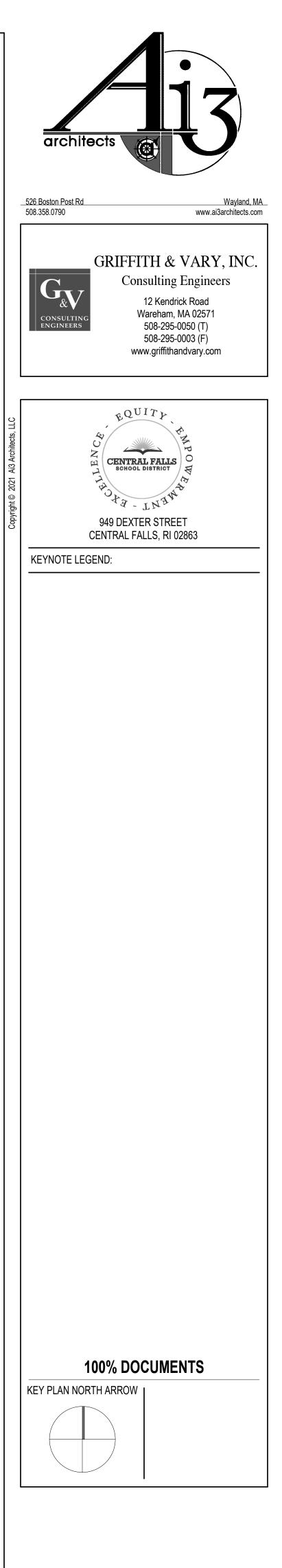
2 SCIENCE CLASSROOM 302 POWER DEMO/RENO PLAN 1/4" = 1'-0"

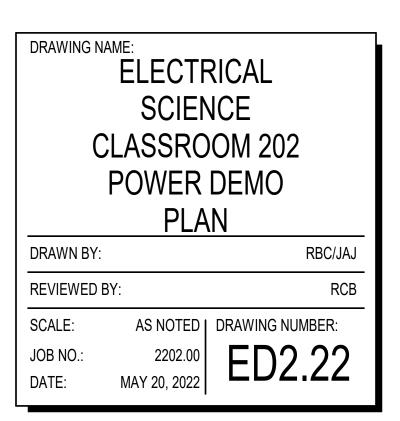


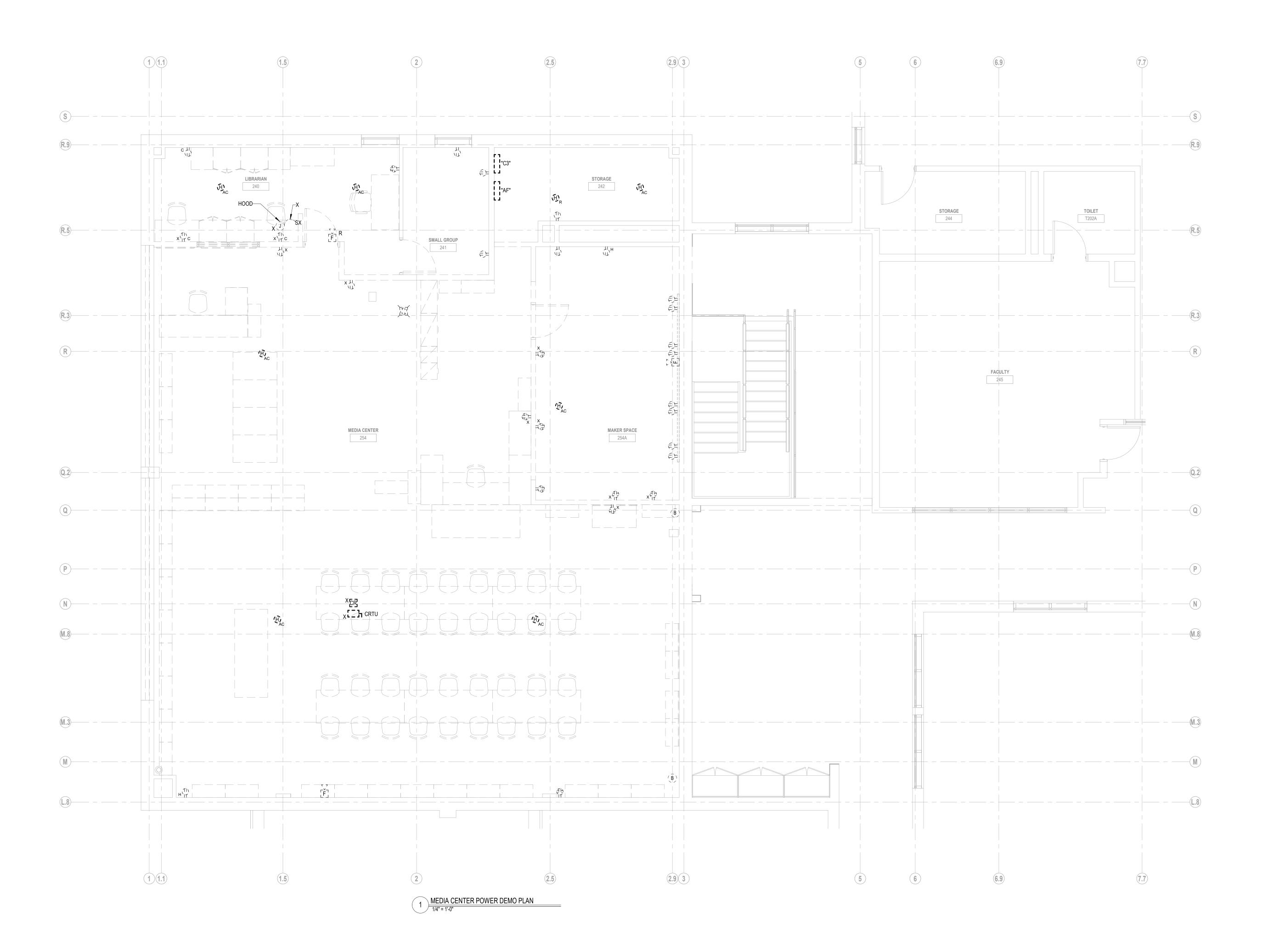


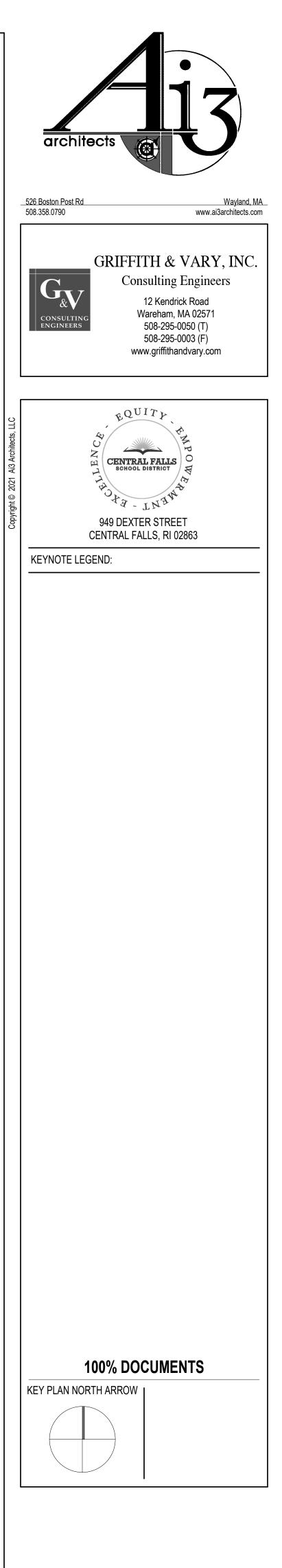


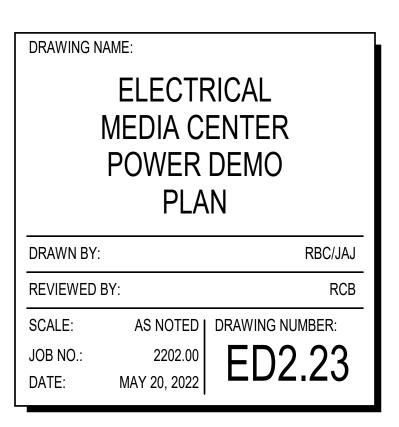


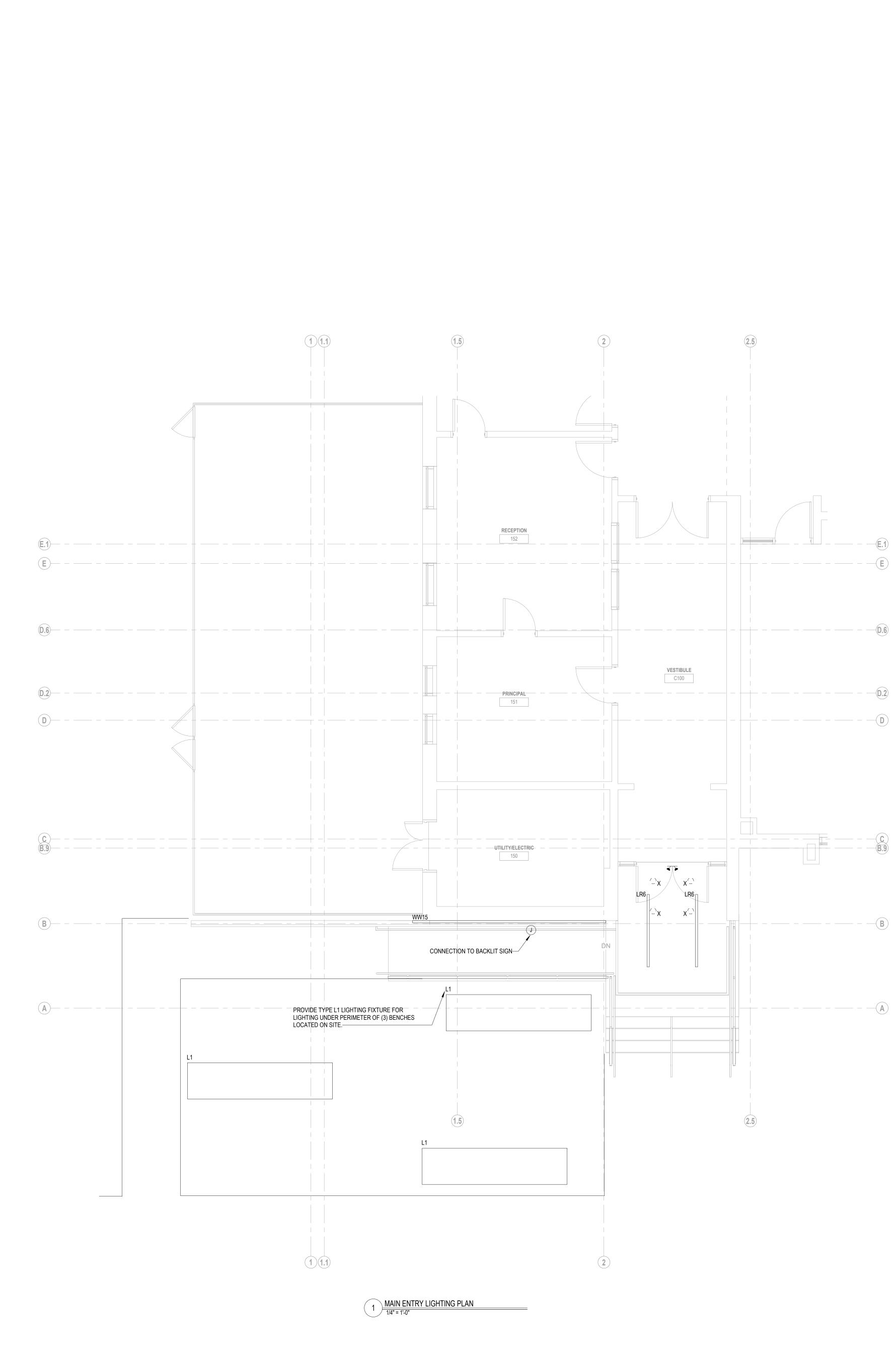


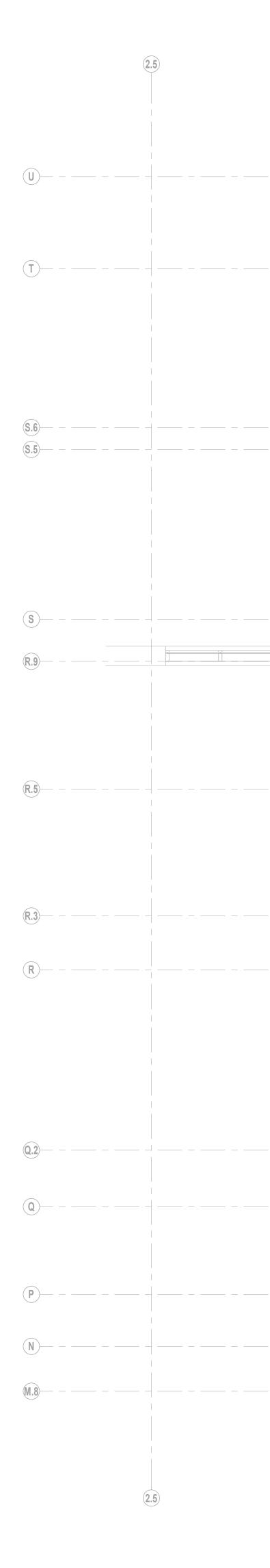




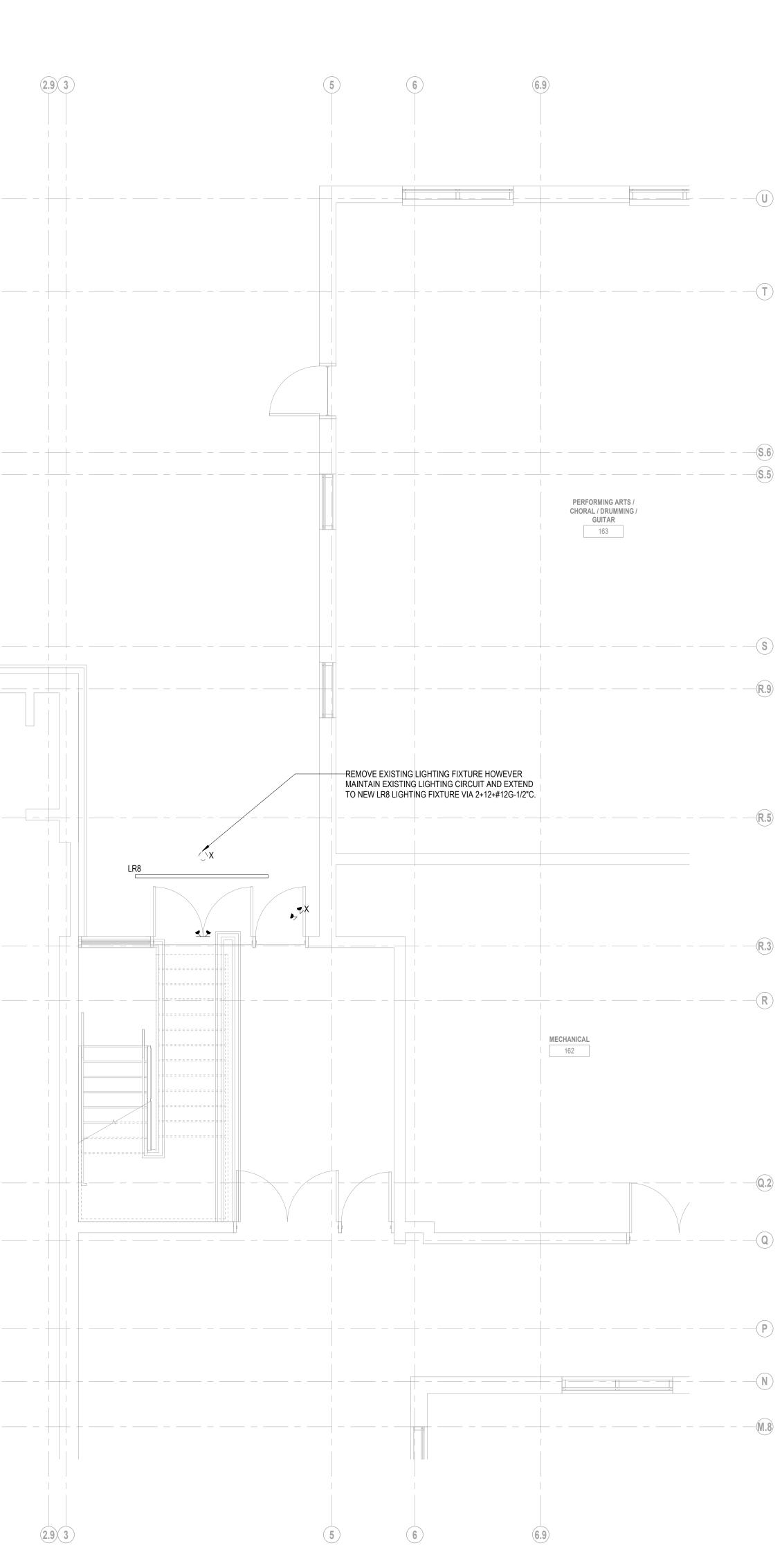








2 REAR ENTRY LIGHTING PLAN 1/4" = 1'-0"



2.

1. CIRCUIT LR6 LIGHTING FIXTURES TO EXISTING PANELBOARD "AA" VIA 2#12+#12G-1/2"C AND

> CIRCUIT L1 LIGHTING FIXTURES TO EXISTING PANELBOARD "AA" VIA 2#12+#12G-1/2"C AND

4. CIRCUIT BACKLIT SIGN TO EXISTING PANELBOARD

"AA" VIA 2#12+#12G-1/2"C AND TIMECLOCK TC1, TERMINATE ON EXISTING SPARE 20/1 CIRCUIT

CIRCUIT BREAKER, CIRCUIT 32.

CIRCUIT BREAKER, CIRCUIT 35. 3. CIRCUIT WW15 LIGHTING FIXTURE TO EXISTING PANELBOARD "AA" VIA 2#12+#12G-1/2"C AND

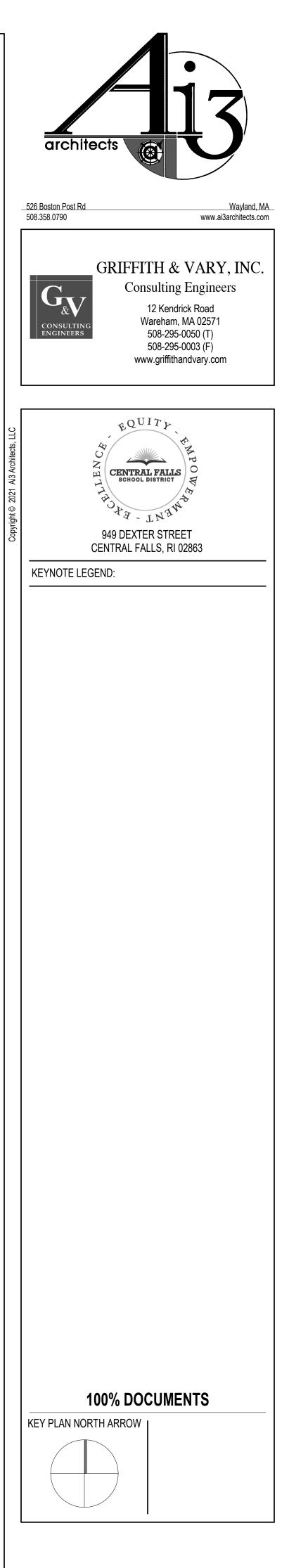
CIRCUIT BREAKER, CIRCUIT 37.

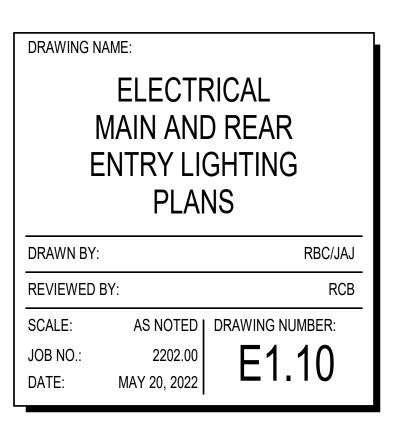
BREAKER, CIRCUIT 39.

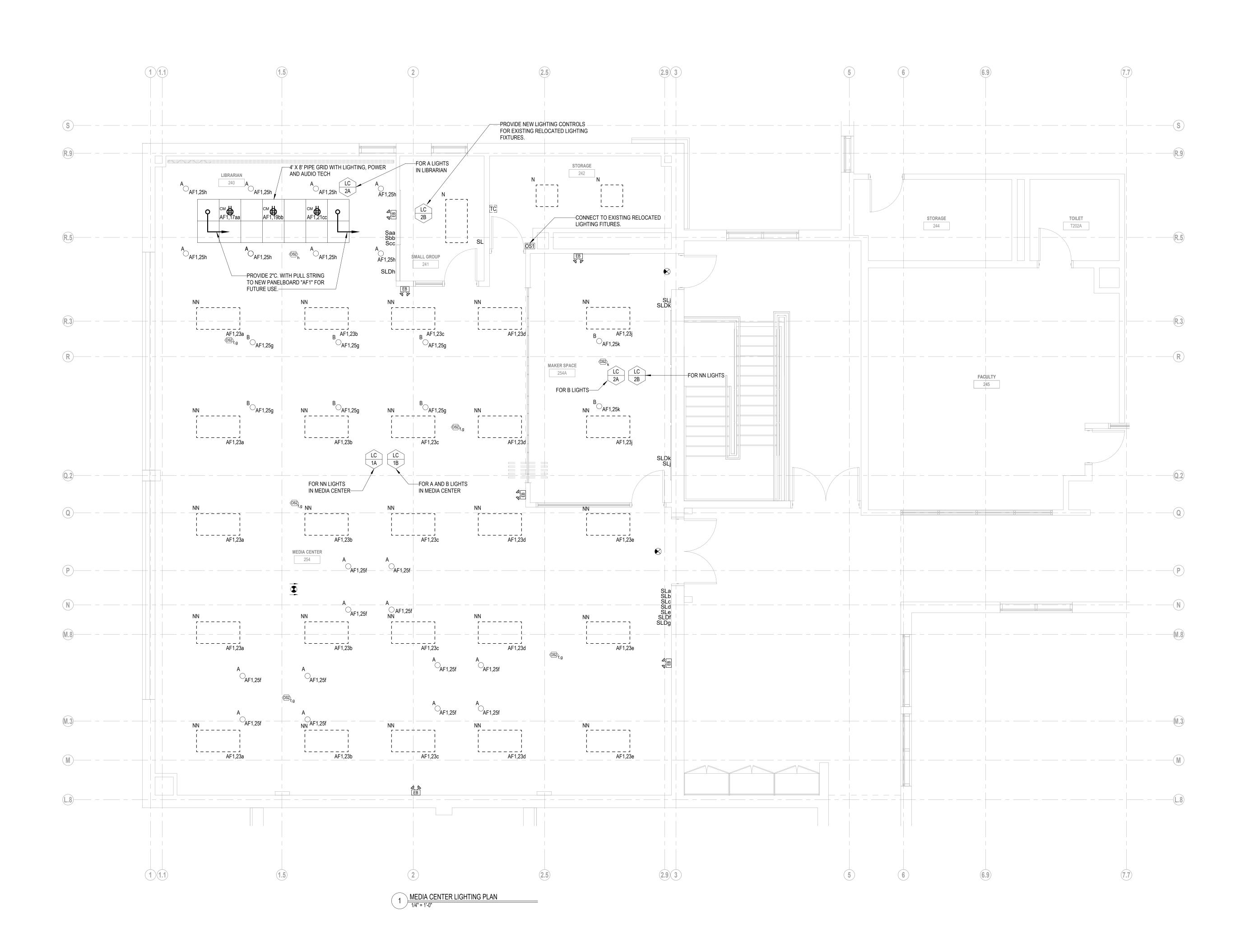
TIMECLOCK TC1, TERMINATE ON EXISTING SPARE 20/1

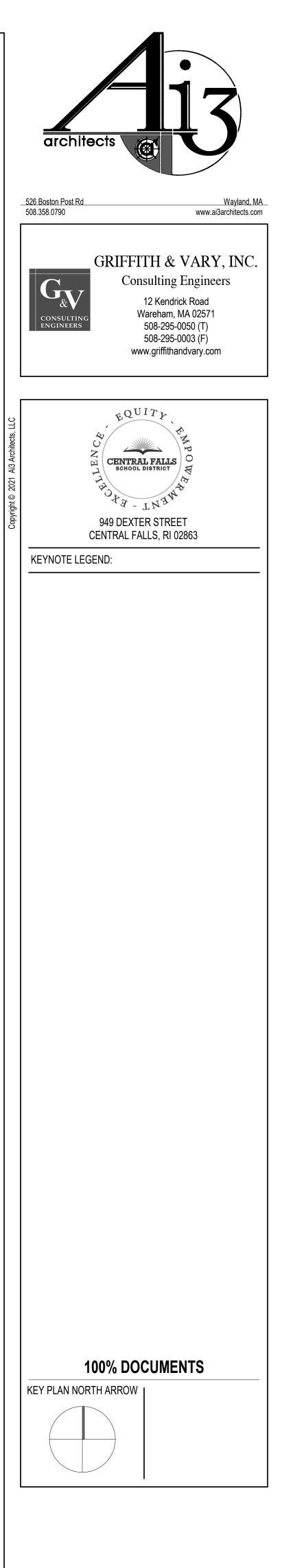
TIMECLOCK TC1, TERMINATE ON EXISTING SPARE 20/1

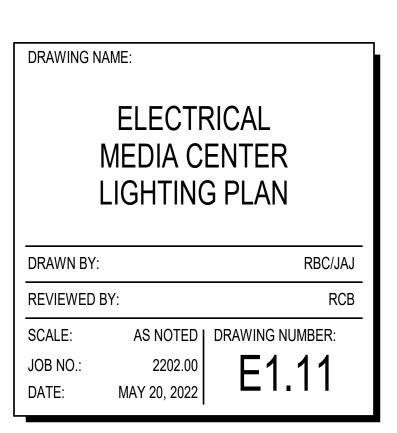
TIMECLOCK TC1, TERMINATE ON EXISTING SPARE 20/1

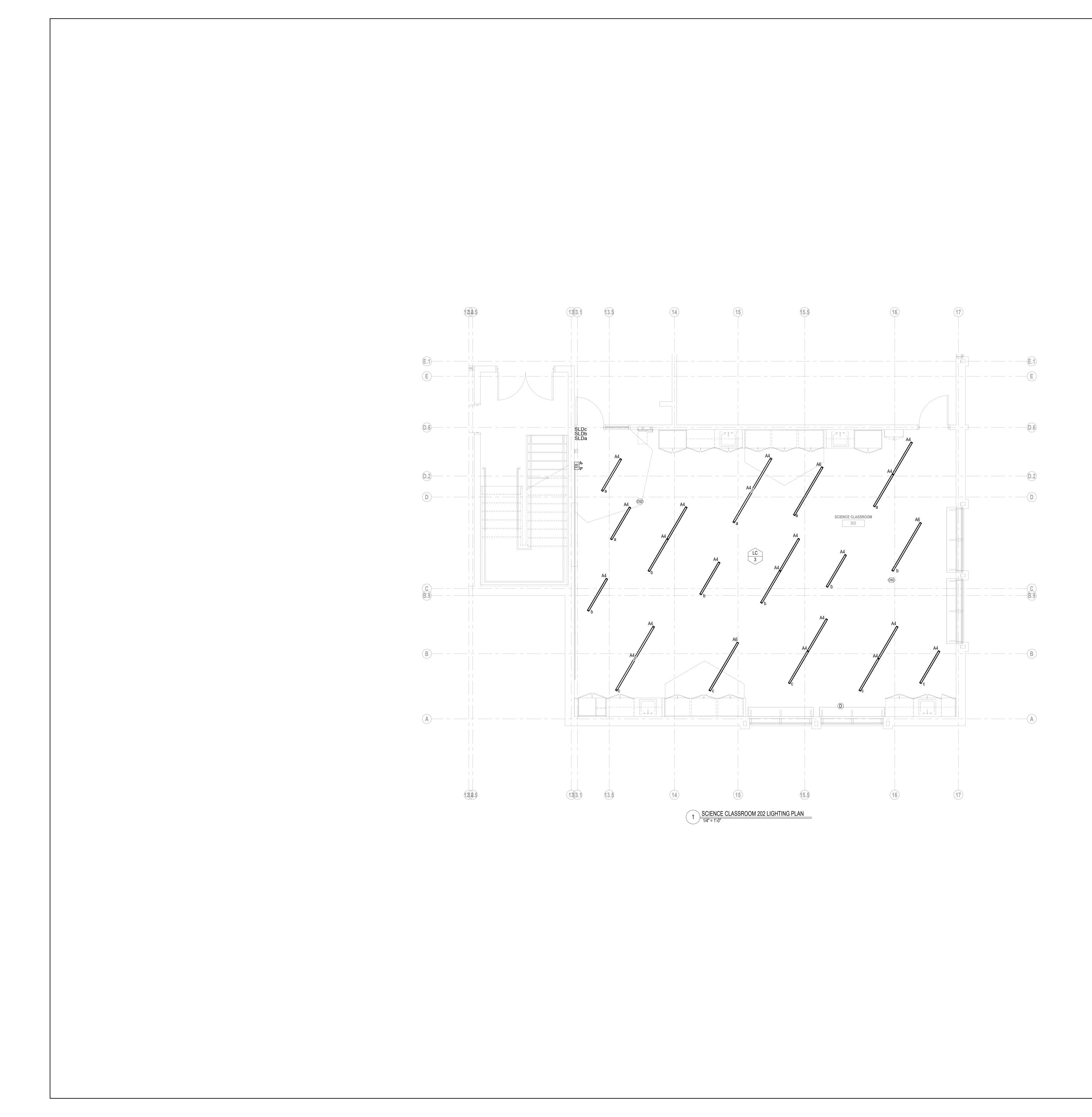


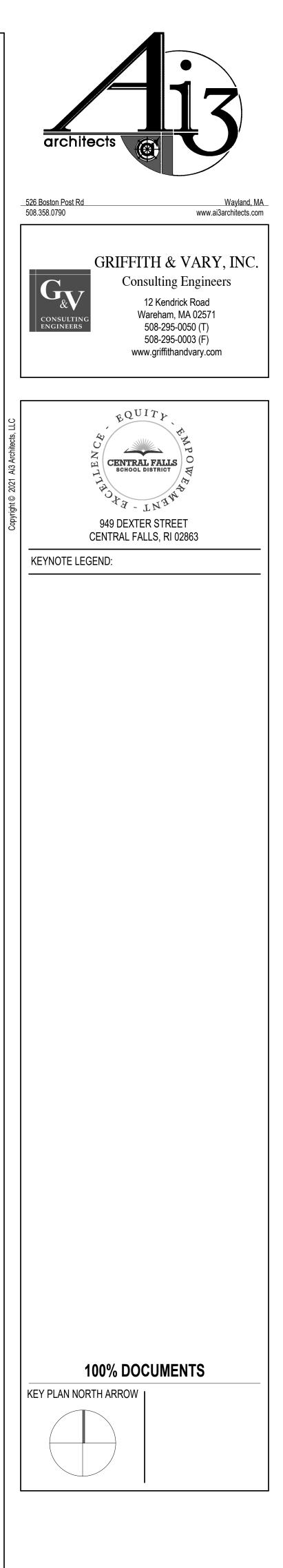


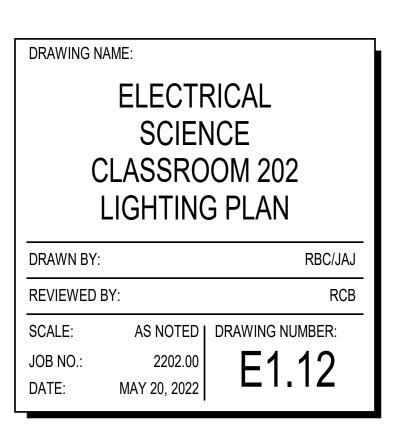


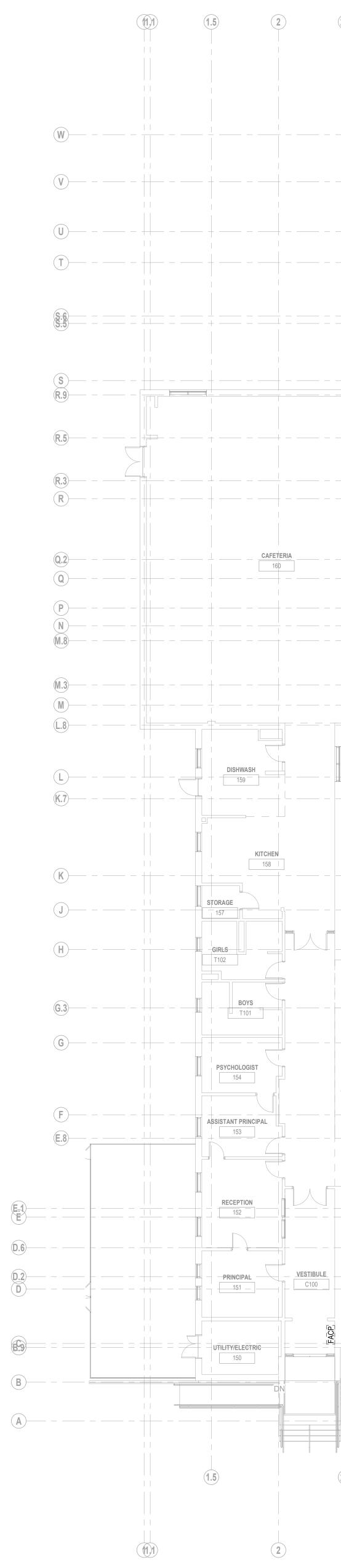




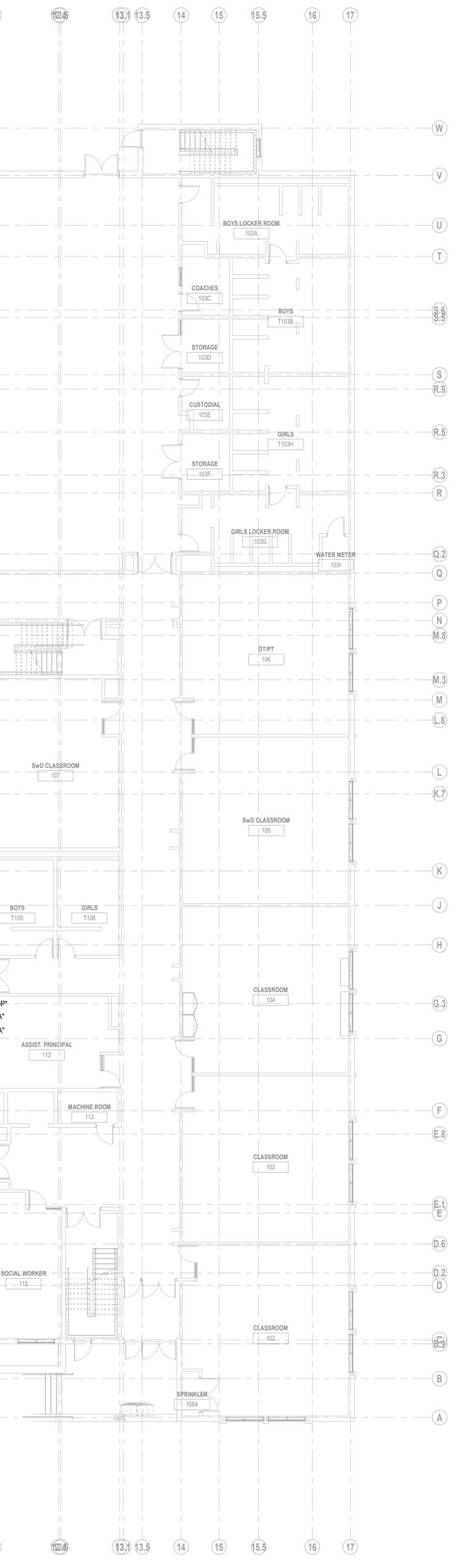




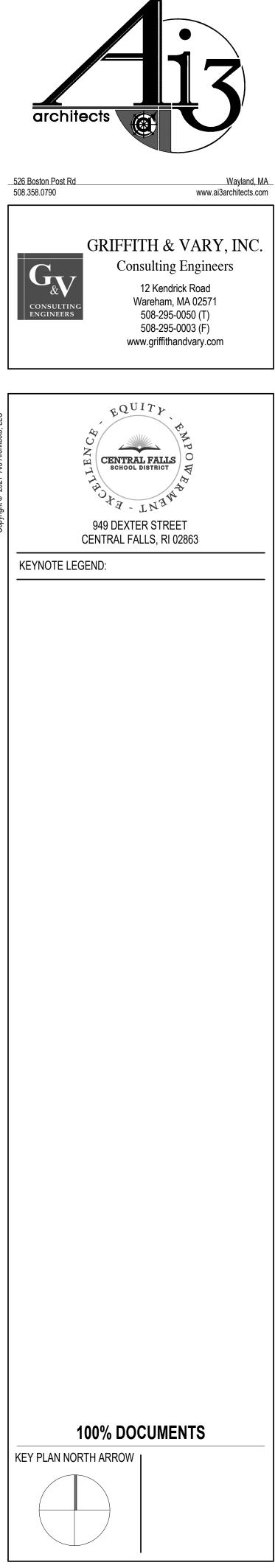


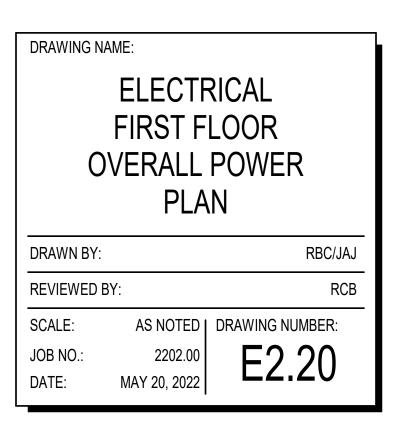


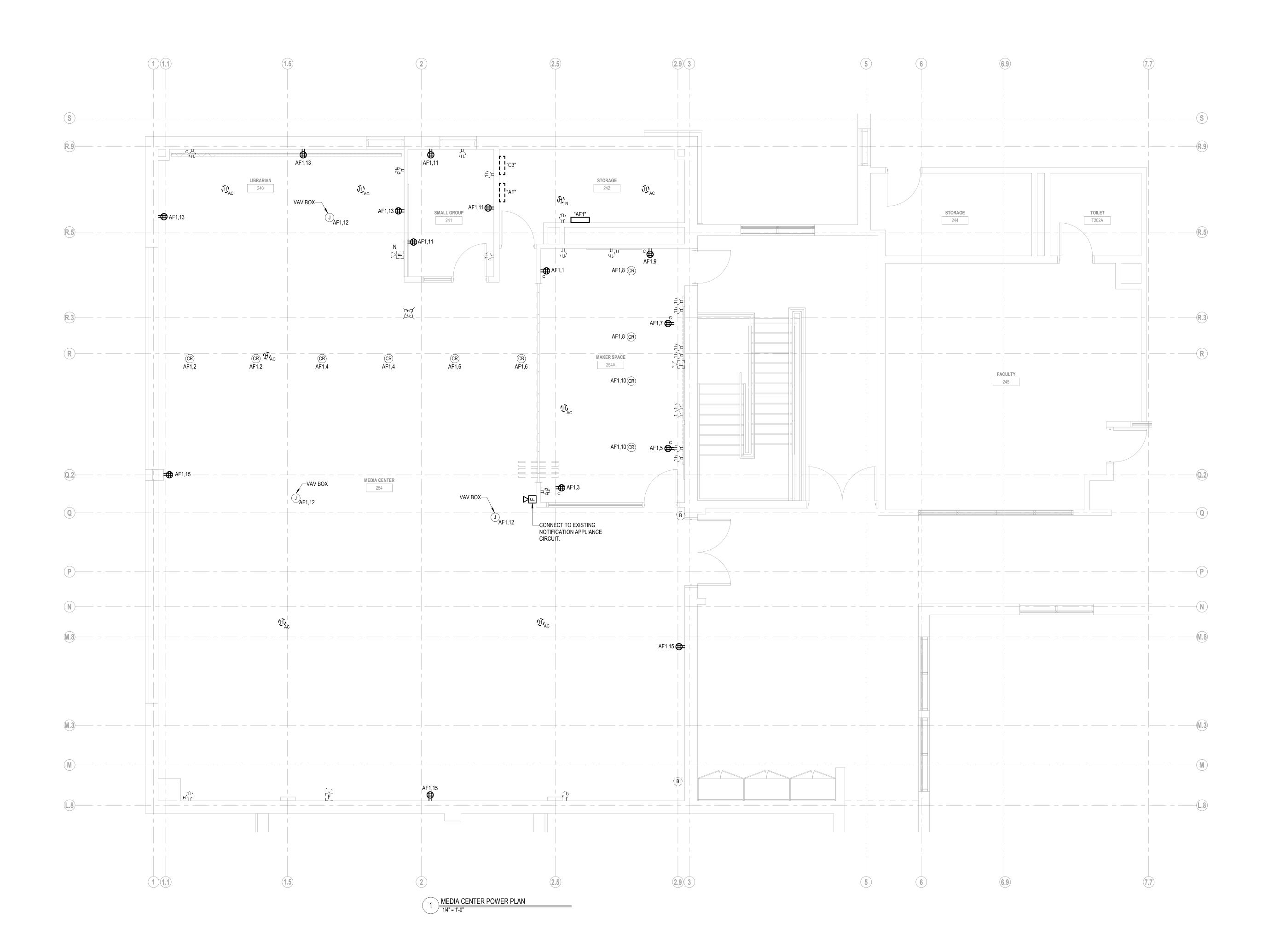
2.5	2.93	<b>56</b> 	6.9	(7.7) (8)       	9			
			CHORAL / DRUMMING / GUITAR 163				GYMNASIUM 165	
			MECHANICAL					
	CLASSROOM		CLASSROOM 121		CLASSROOM 122		CLASSROOM 123	
	GIRLS GIRLS T103 BOYS T104	OFFICER (SRO) 127 130 STORAGE	TOILET 131 CC 13 13 13 13 13 13 13 13 13 13	2 CONFERE	INCE (COVID I34 GUIDANCE 138 GUIDANCE 138 GUIDANCE 138 GUIDANCE 138			TC1 U"CA"
							SwD CLASSROOM (LIFE 	
2.5	2.9	5 6	6.9	I       I         I	9	10		

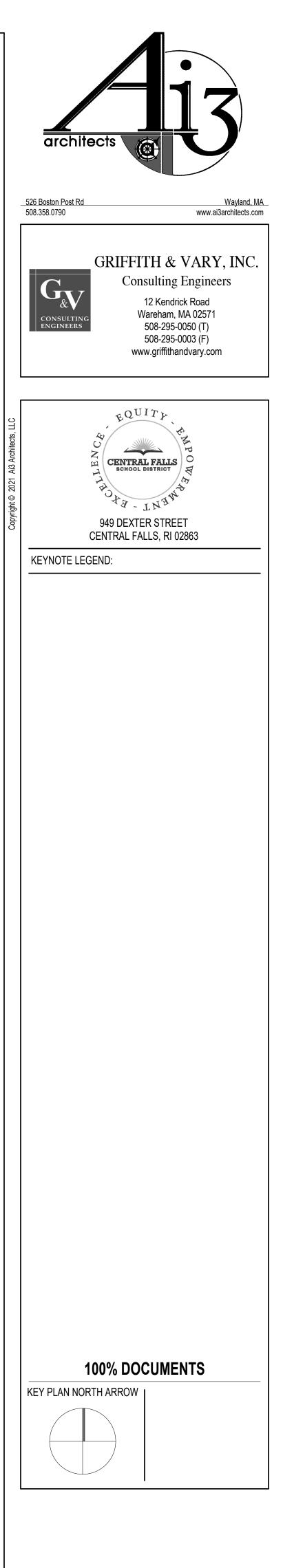


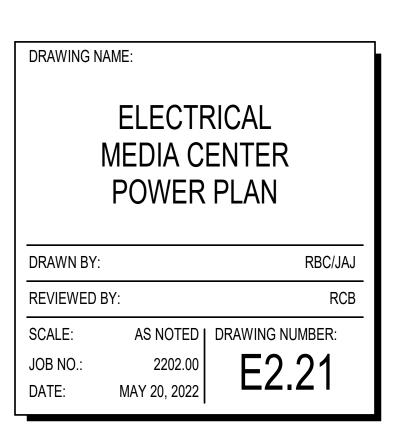
1 FIRST FLOOR OVERALL POWER PLAN 3/32" = 1'-0"

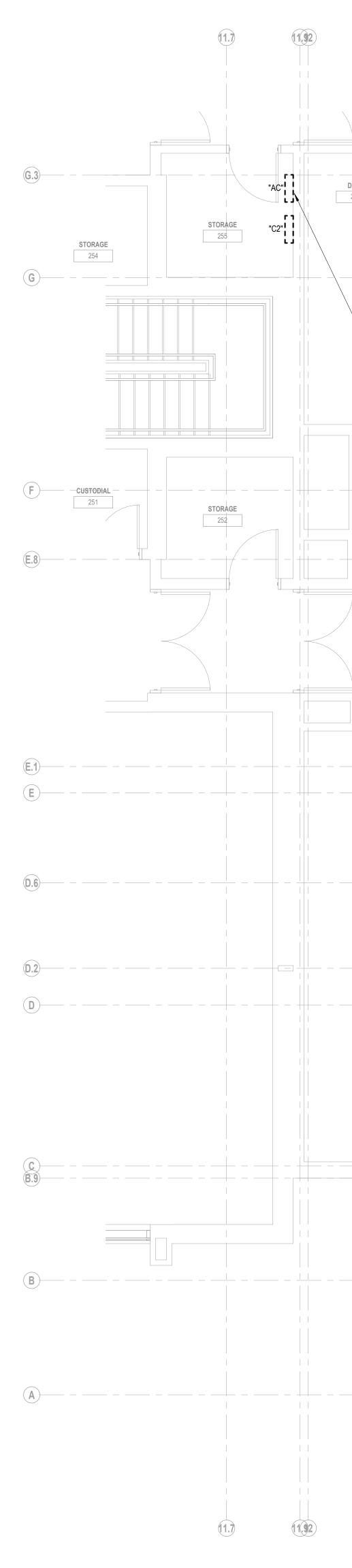


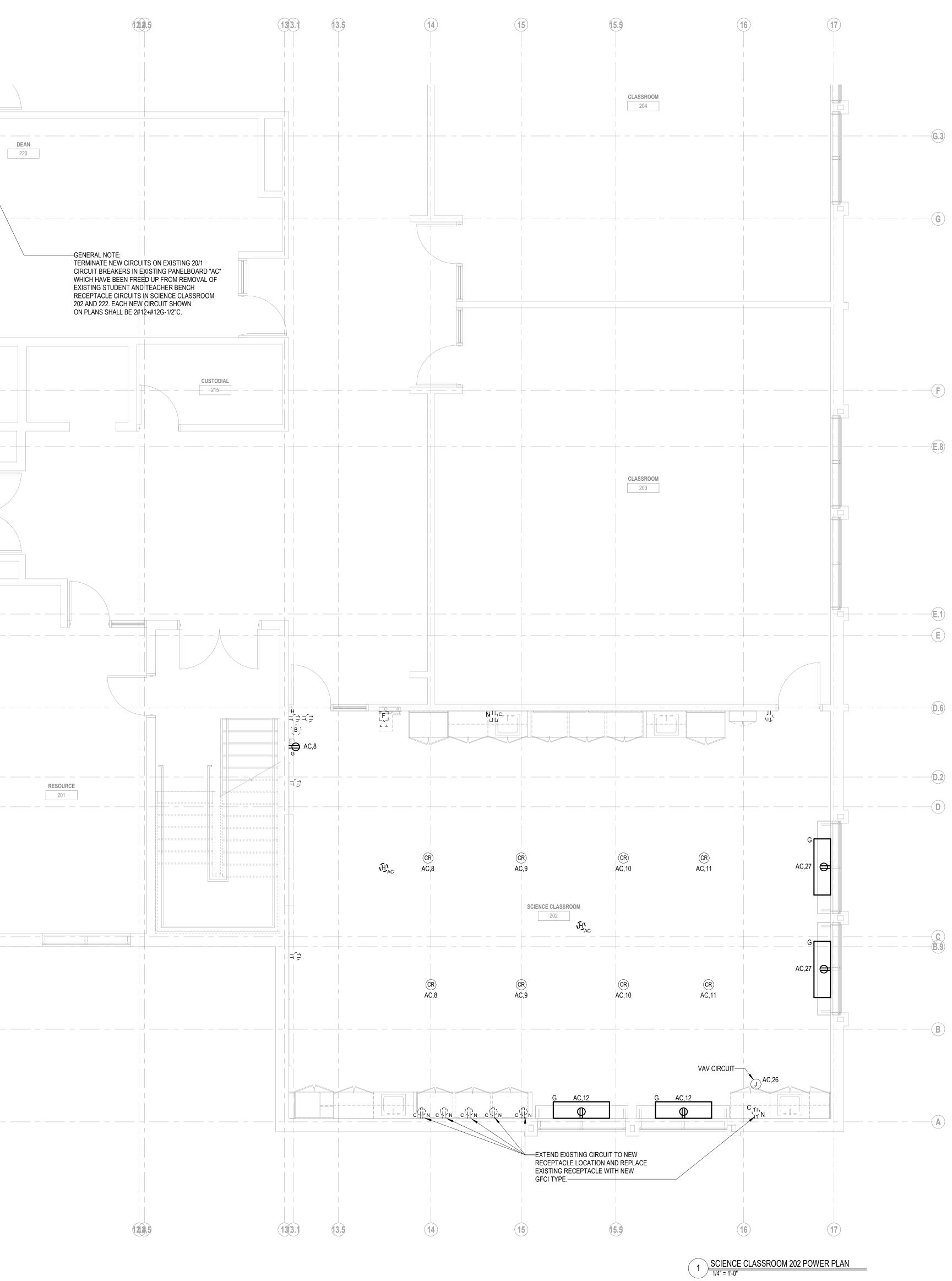


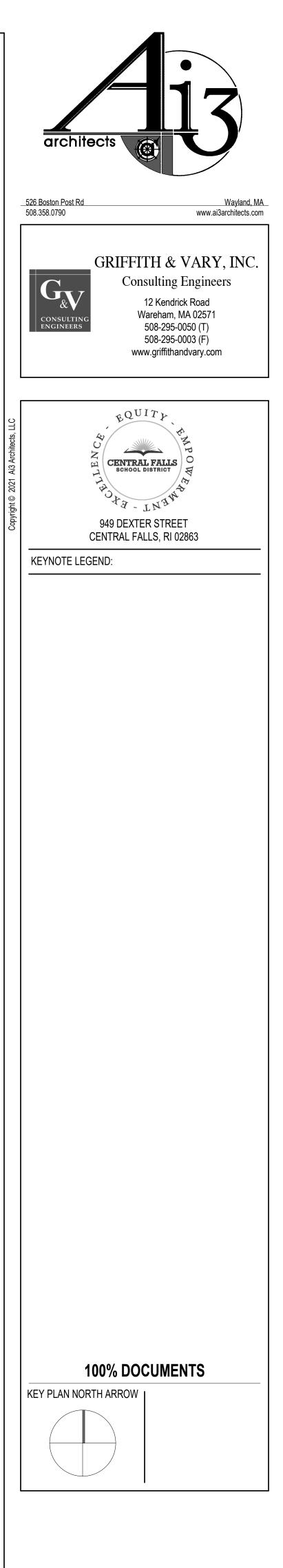


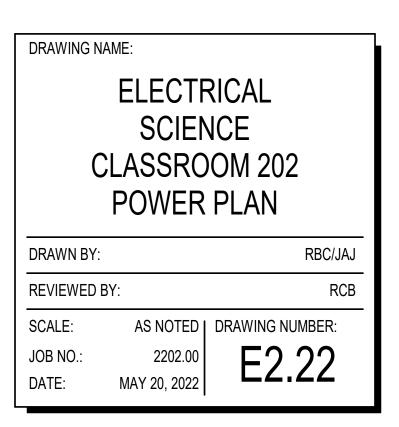


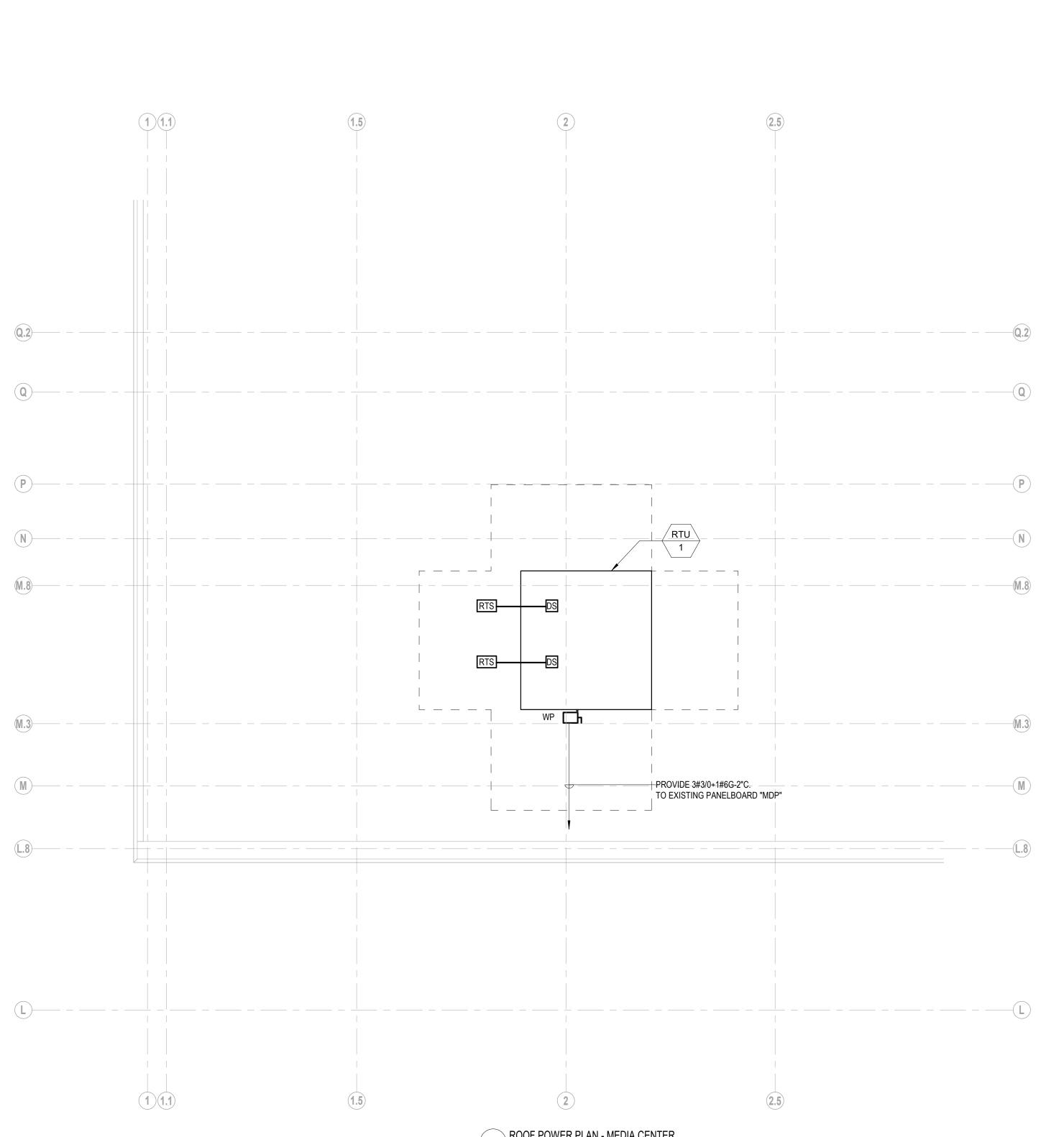




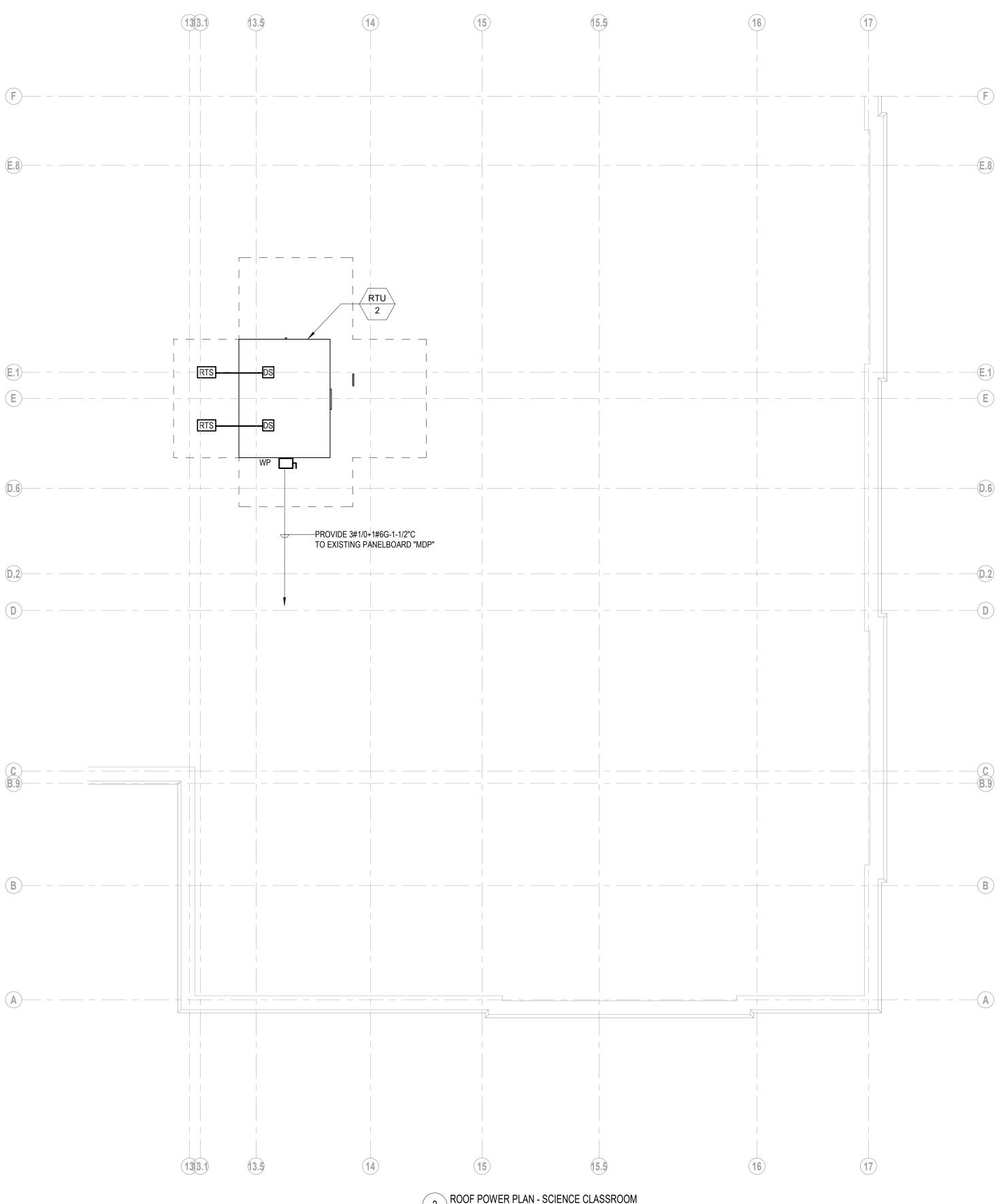




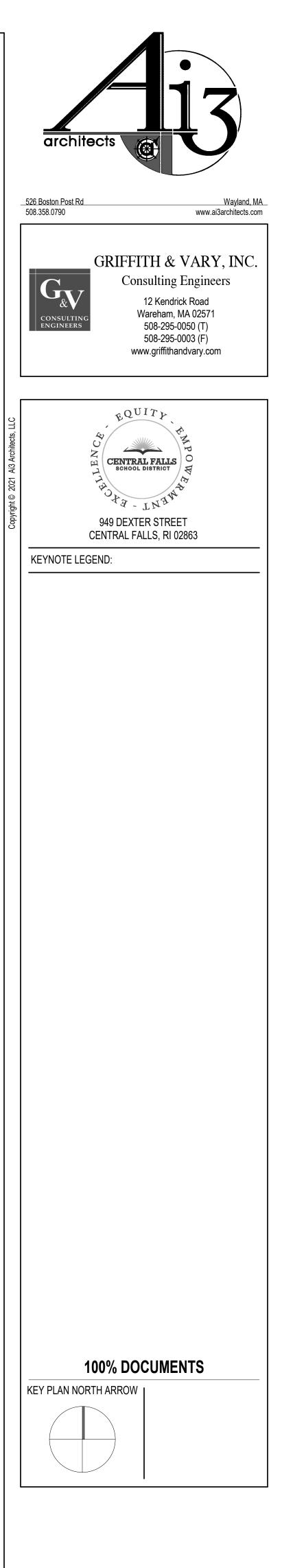


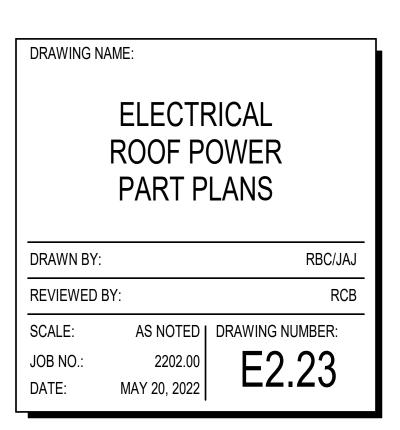


1 ROOF POWER PLAN - MEDIA CENTER

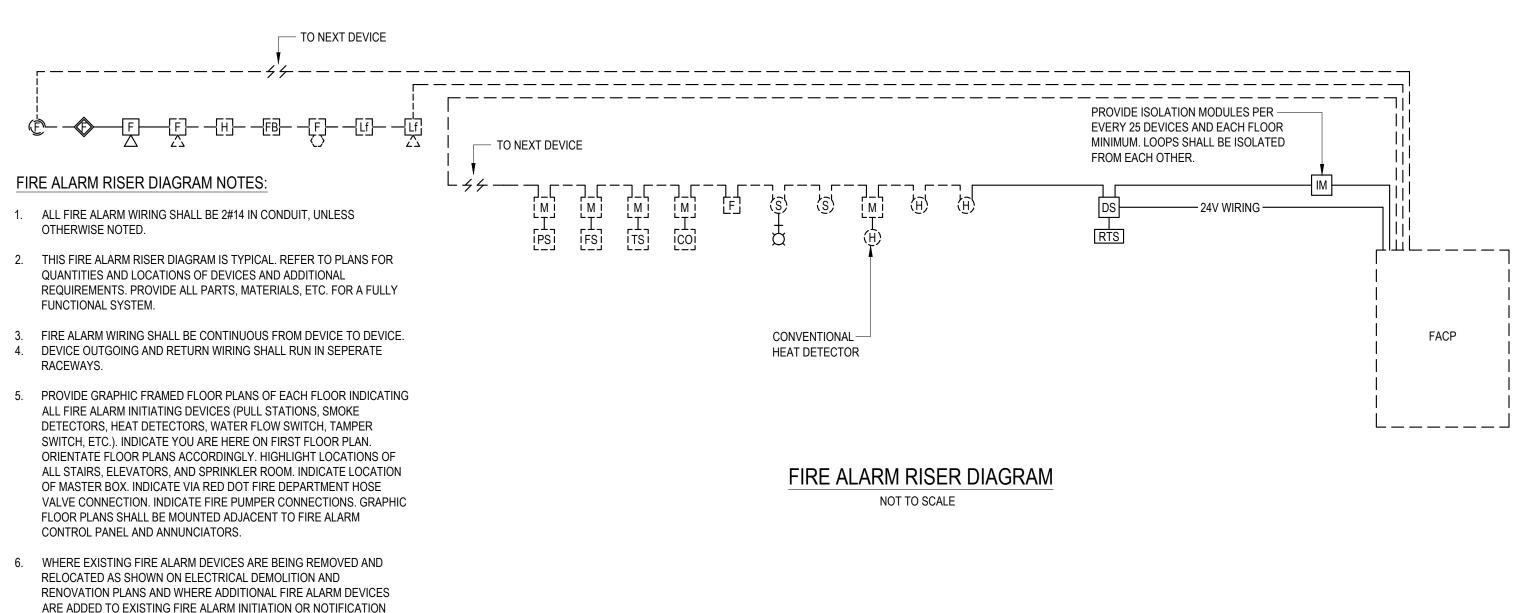


2 ROOF POWER PLAN - SCIENCE CLASSROOM 1/4" = 1'-0"





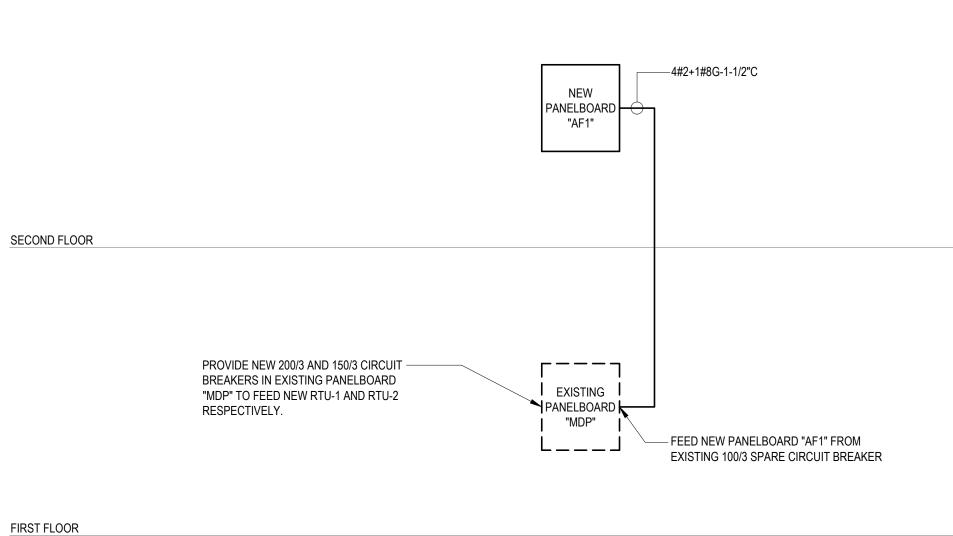
				LE	ED LIG	HTIN	G FIX	TURE	SCHEDULE		
1.       2.       3.       4.       5.       6.       7.       8.       9.	LIGHTING FIXTURES SHALL B PROPER MOUNTING PROVISI VERIFY ALL LIGHTING FIXTUF ALL LAMPS, BALLASTS, LED S EXIT SIGNS SHALL BE TYPICA LIGHTING FIXTURES TO BE C WHEN SUBMITTING TO ENGIN SHEETS WILL NOT BE ALLOW THE MANUFACTURER'S AND NOTED THAT "OR EQUAL" AP MANUFACTURER'S AS AN AP CONNECT EMERGENCY BATT	ONS AND FIXTURES FITTINGS. REFER TO ARCHITECTURA RE MOUNTING HEIGHTS AND LOCATIONS WITH ARCHITEC SOURCES, DRIVERS, AND CONTROLS SHALL MEET THE LA ALLY MOUNTED ON CEILINGS WHERE VISIBLE OR ON WAL ONTROLLED BY DAYLIGHT HARVESTING SYSTEM SHALL I NEER FOR REVIEW THE LIGHTING FIXTURE SUBMITTALS S (ED. WHEN SUBMITTING ON LED PRODUCTS PROVIDE LIG CATALOG NUMBERS IDENTIFIED IN THIS LIGHTING FIXTUR PLIES TO ALL LIGHTING FIXTURES DENOTED HEREIN. IT IS	HANGERS, ACC L DRAWINGS/EI TURAL DRAWIN TEST UTILITY C L WHERE CEILIN BE PROVIDED W SHALL CONSIST HTING FACTS, L RE SCHEDULE A S UNDERSTOOD NEAREST UNSV	"GR" = GROUN ESSORIES, ET LEVATIONS. GS/ELEVATION O. INCENTIVE NG MOUNTING (ITH 0-10 VOLT OF THE FOLLC .M-79, AND LM- RE INTENDED D THAT ALL MAN	ID, "U" = UNIV C. FOR A COM S PRIOR TO REQUIREMEN IS NOT PRAC DIMMING DRI WING: LIGHT 80 TEST REP TO ESTABLIS WFACTUREF	ERSAL. IPLETE AND I ITE START C ITS. REFER TICAL. PRIO VERS. ING FIXTURE DRTS FOR RE H A GENERA 'S WILL HAVE FOR CHARG	PROPER IN PROPER IN TO THE LAT R TO ROUG CUT SHEE EVIEW. L LEVEL OF E MINOR VA	STALLATION. V IG. PENDANT F EST PROGRAM HING COORDIN T, LIGHTING FI) QUALITY, CON RIATIONS IN C ERGENCY BATT	ERIFY ROOM SURFACE CONSTRUCTION/FINISH TYPES PRIOR TO THE RELEASE OF ANY LIGHTING FIXTURE IXTURES SHALL BE MINIMUM 19" FROM TOP OF FIXTURE TO CEILING UNLESS OTHERWISE NOTED. I REQUIREMENTS DOCUMENTATION AND COORDINATE WITH UTILITY CO. TO ENSURE COMPLIANCE. NATE WITH ARCHITECTURAL DRAWINGS/ELEVATIONS FOR SPECIFIC MOUNTING DIRECTION AND FOR LOCA KTURE BALLAST/DRIVER CUT SHEET, AND LIGHTING FIXTURE LAMP/LED CUT SHEET FOR EACH FIXTURE. G IFIGURATION, MATERIALS, AND APPEARANCE REQUIRED. THIS IS NOT A PROPRIETARY SPECIFICATION AND ONFIGURATION, APPEARANCE, AND PRODUCT SPECIFICATIONS AND SUCH MINOR VARIATIONS SHALL NOT	NTION. ROUPED CUT ID IT SHOULD	r • BE
TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	MOUNTING	WATTAGE	TOTAL LUMENS	COLOR TEMP.	DIMMING (%)	DESCRIPTION/REMARKS	COLOR/ FINISH	-
A	COOPER HALO	HC410D010-HMF12835-41WDH	UNV	R	10	1000	3500K	0-10V (1%)	4" ROUND 75 DEGREE WIDE BEAM DOWNLIGHT, SEMI-SPECULAR CLEAR REFLECTOR AND FLANGE.	CBA	-
A4	COOPER NEO-RAY	S122DP-C675D835-C4-JB-CBA-4F0-1-U-DD-F	UNV	Р	26.3	2700	3500K	0-10V (1%)	2" WIDE, 4' LENGTH, LINEAR DIRECT PENDANT LIGHTING FIXTURE, SATIN FLUSH LENS.	СВА	-
A6	COOPER NEO-RAY	S122DP-C675D835-C4-JB-CBA-6F0-1-U-DD-F	UNV	Р	39.5	4050	3500K	0-10V (1%)	2" WIDE, 6' LENGTH, LINEAR DIRECT PENDANT LIGHTING FIXTURE, SATIN FLUSH LENS.	СВА	-
В	COOPER PORTFOLIO	LER4B-10-D010-CBA EC4B10208035 4LBW3H	UNV	Р	11	1000	3500K	0-10V (1%)	4" DIAMETER CYLINDER PENDANT, SEMI-SPECULAR CLEAR REFLECTOR, WIDE DISTRIBUTION.	CBA	-
L1	NOVAFLEX	NF-NEON-W-MINI-24V-3500K NF-PS-96W	UNV	S	1.4W/FT	30/FT	3500K	0-10V (1%)	1" WIDE, WET LOCATION, IP68 RATED, FLEXIBLE LINEAR LIGHTING FIXTURE, PROVIDE FIXTURES INTERCONNECT END TO END TO FILL LENGTH AS SHOWN ON DRAWINGS, PROVIDE ALL CLIPS, ACCESSORIES, POWER SUPPLIES, ETC. FOR A COMPLETE INSTALLATION.	СВА	-
LR6	COOPER NEO-RAY	S122DR-S-290D835-XXX6F0-1-UDD-CBA	UNV	R	18	1740	3500K	0-10V (1%)	2" WIDE, 6' LENGTH, GRID, LINEAR LIGHTING FIXTURE. SATIN FLUSH LENS.	СВА	-
LR8	COOPER NEO-RAY	S122DR-S-290D835-XXX8F0-1-UDD-CBA	UNV	R	24	2320	3500K	0-10V (1%)	2" WIDE, 8' LENGTH, LINEAR LIGHTING FIXTURE. SATIN FLUSH LENS.	СВА	-
WW15	5 ALUZ	A1-Z0VA-STN-CL-CBA-35K-9-10V-EF-WET-UNV/A1 -Z0VA-STN-MC-2	UNV	w	135	16200	3500K	0-10V	EXTERIOR 3.27" WIDE (INCLUDING WALL BRACKET) CLEAR LENS 15' WALL WASH CONTINUOUS RUN LIGHTING FIXTURE.	СВА	-
G	GLOBAL TECH LED	GTL-GW-C500-5X5498-HI-SV-GRO-50D-IP67/(2)-GT -SAFETY-CABLE-4'-GT-LSP-120	UNV	Р	560	-	-	-	14.5" X 50.25" GROW LIGHTING FIXTURE, WITH MID PAR DISTRIBUTION, IP67, 4'-0" SAFETY CABLE, AND 20KA SURGE PROTECTION.	-	-
۲	SIGNTEX	BLD-BB-U-R-CBA-DG	UNV	U	-	-	-	-	UNIVERSAL SINGLE/DOUBLE FACE EXIT SIGN WITH BATTERY, RED LETTERS, AND ARROWS AS INDICATED ON PLANS, SELF DIAGNOSTICS.	СВА	-
<b>E</b> B	SIGNTEX	RMR-BB-CBA	UNV	w	-	-	-	-	EMERGENCY BATTERY UNIT WITH INTEGRAL DUAL HEADS.	СВА	-
<b>&lt; &gt;</b>	SIGNTEX	RMR-BB-CBA-HTR	UNV	W	-	-	-	-	EXTERIOR WET LOCATION EMERGENCY BATTERY UNIT WITH INTEGRAL DUAL HEADS AND HEATER FOR TEMPS -40 DEGREES CELSIUS.	СВА	-



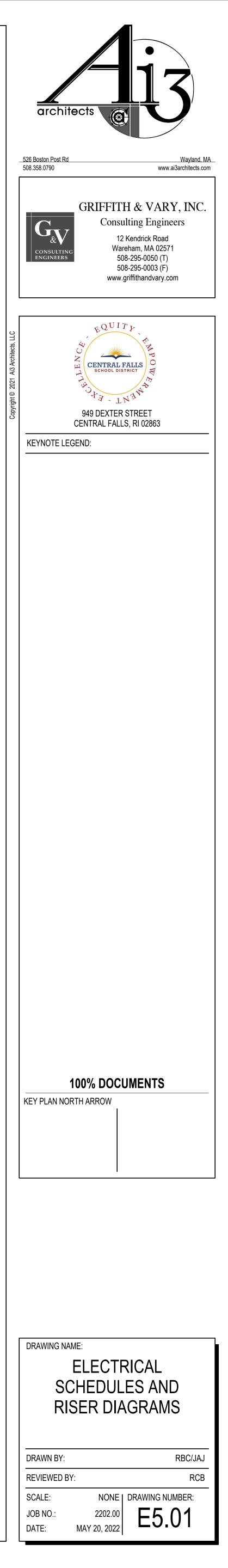
ARE ADDED TO EXISTING FIRE ALARM INITIATION OR NOTIFICATION CIRCUITS, PROVIDE TERMINAL STRIPS TO EXTEND EXISTING CIRCUIT WIRING TO NEW DEVICE LOCATION FROM EXISTING DEVICE LOCATION. PROVIDE TERMINAL STRIPS INSIDE A TAMPER PROOF LOCKABLE JUNCTION BOX. ALL TERMINAL STRIP AND FIRE ALARM JUNCTION

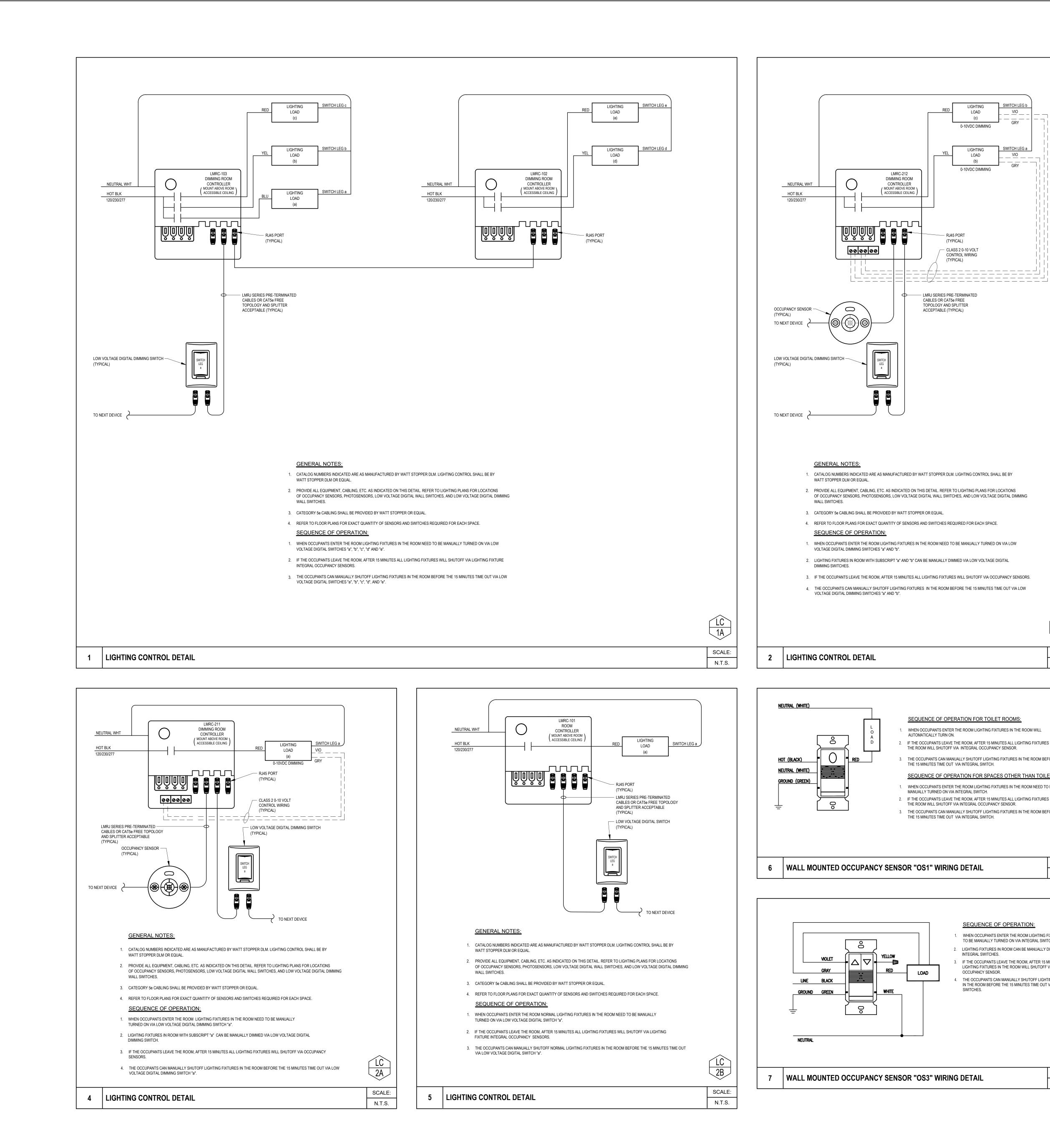
BOXES SHALL BE PAINTED RED.

		PANELBOARD: AF1					1(	00	A	· ,	2	08	Y/'	120	V, 3PH, 4W,	60H	ΗZ							
	Г Г 65К	MAIN LUG ONLY MAIN CIRCUIT BREAKER FLUSH MOUNTED SURFACE MOUNTED AIC BUS AMPS RATING		200% I ISOLAT FEED 100% I GROUI COMPI	t trip m Rated N Ted Gro Thru Lu Rated M Nd Faul Uter PA E Prote	ieuti Jgs 1ain e .t Ma Nel	) BREAI NN C.E	В.						NOTES	LC = VIA LIGHTING CONTROL PANEL L = PROVIDE LOCK ON CB IG = ISOLATED GROUND P = GFPE - 30 mA TRIP G = GFCI - 5mA TRIP S = SHUNT TRIP A = ARC FAULT CIRCUIT BREAKER 3 = 3W + G	2. 3.	PROVIE FOR T\ PROVIE FOR TH PROVIE	<u>GEN</u> INGLE P( DE 2 WIF WO POLI DE 3 WIF HREE PC DE 3 WIF SIZES AS	DLE ES ECIF ES DLE ( ES	CIRC + GR RCUI + GR CIRC + GR	UIT E OUN T BRI OUN UIT B OUN	- BREAH D, U.C EAKEF D, U.C BREAK D, U.C	D.N RS, D.N KERS D.N	
CKT NO.		LOAD DESCRIPTION	NOTE	WIRE SIZE		20/1					R	<u> </u>	CKT NO.		LOAD DESCRIPTION	NOTE	WIRE SIZE		1/07			BREA		२ 
1		RECEPTACLE		12		∾ 1							2		CORD REEL		12		N 1			++	$\rightarrow$	
3		RECEPTACLE		12		1							4		CORD REEL		12		1			++	$\rightarrow$	-
5		RECEPTACLE		12		1							6		CORD REEL		12		1			++	-	
7		RECEPTACLE		12		1							8		CORD REEL		12		1					
9		RECEPTACLE		12		1							10		CORD REEL		12		1					
11		RECEPTACLES		12		1							12		VAV BOXES		12		1					
13		RECEPTACLES		12		1							14		SPARE				1					
15		RECEPTACLES		12		1							16		SPARE				1					
17		CEILING RECEPTACLES		12		1							18		SPARE				1					
19		CEILING RECEPTACLES		12		1							20		SPARE				1					
21		CEILING RECEPTACLES		12		1							22		SPARE				1					
23		LIGHTING		12		1							24		SPARE				1					
25		LIGHTING		12		1							26		SPARE				1					
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39		SPARE				1							40		SPARE				1					
41		SPARE				1							42		SPARE				1					



POWER RISER DIAGRAM NOT TO SCALE





JPANTS LEAVE THE ROOM, AFTER 15 MINUTES ALL LIGHTING FIXTURES IN         WILL SHUTOFF VIA INTEGRAL OCCUPANCY SENSOR.         VANTS CAN MANUALLY SHUTOFF LIGHTING FIXTURES IN THE ROOM BEFORE         JTES TIME OUT VIA INTEGRAL SWITCH.         CE OF OPERATION FOR SPACES OTHER THAN TOILET ROOMS:         UPANTS ENTER THE ROOM LIGHTING FIXTURES IN THE ROOM NEED TO BE         UPANTS LEAVE THE ROOM AFTER 15 MINUTES ALL LIGHTING FIXTURES IN         TURNED ON VIA INTEGRAL SWITCH.         JPANTS LEAVE THE ROOM, AFTER 15 MINUTES ALL LIGHTING FIXTURES IN         WILL SHUTOFF VIA INTEGRAL OCCUPANCY SENSOR.         VANTS CAN MANUALLY SHUTOFF LIGHTING FIXTURES IN THE ROOM BEFORE         JTES TIME OUT VIA INTEGRAL SWITCH.         SEQUENCE OF OPERATION:         N.T.S.         SEQUENCE OF OPERATION:         N.T.S.         SEQUENCE OF OPERATION:         N.T.S.			
UPANTS ENTER THE ROOM LIGHTING FIXTURES IN THE ROOM WILL XALLY TURN ON.  JPANTS LEAVE THE ROOM, AFTER 15 MINUTES ALL LIGHTING FIXTURES IN MILL SHUTOFF VIA INTEGRAL OCCUPANCY SENSOR.  CC OF OPERATION FOR SPACES OTHER THAN TOILET ROOMS.  CE OF OPERATION FOR SPACES OTHER THAN TOILET ROOMS.  UPANTS ENTER THE ROOM LIGHTING FIXTURES IN THE ROOM NEED TO BE UPANTS ENTER THE ROOM LIGHTING FIXTURES IN THE ROOM NEED TO BE UPANTS ENTER THE ROOM LIGHTING FIXTURES IN THE ROOM NEED TO BE UPANTS ENTER THE ROOM LIGHTING FIXTURES IN THE ROOM NEED TO BE UPANTS ENTER THE ROOM LIGHTING FIXTURES IN THE ROOM BEFORE  IT WIRRING DETAIL   SCALE:  WHEN OCCUPANTS ENTER THE NOOM LIGHTING FIXTURES IN THE ROOM BEFORE  UPANTS CAN MANUALLY SHUTOFF LIGHTING FIXTURES IN THE ROOM BEFORE  SCALE:  THE WIRRING DETAIL  SCALE:  THE OCUPANTS ENTER THE ROOM LIGHTING FIXTURES NEED UPANTS LEAVE THE ROOM AFTER THE MINUTES ALL LIGHTING FIXTURES NEED UPANTS CAN MANUALLY SHUTOFF LIGHTING FIXTURES IN THE ROOM LIGHTING FIXTURES NEED UPANTS CAN MANUALLY SHUTOFF UNCLUBATION ON VIA INTEGRAL SWITCHES.  SCALE:  CT WIRRING DETAIL  SCALE:  SCALE: SCALE: SCALE: SCALE			
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WILL SHUTOFF VIA INTEGRAL OCCUPANCY SENSOR. TATIS CAN MANUALLY SHUTOFF LIGHTING FIXTURES IN THE ROOM BEFORE JTES TIME OUT VIA INTEGRAL SWITCH. UPANTS ENTER THE ROOM LIGHTING FIXTURES IN THE ROOM NEED TO BE TURNED ON VIA INTEGRAL OCCUPANCY SENSOR. JPANTS LEAVE THE ROOM AFTER 15 MINUTES ALL LIGHTING FIXTURES IN WILL SHUTOFF VIA INTEGRAL OCCUPANCY SENSOR. ANTS CAN MANUALLY SHUTOFF LIGHTING FIXTURES IN THE ROOM BEFORE JTES TIME OUT VIA INTEGRAL SWITCH. IT WIRING DETAIL SEQUENCE OF OPERATION: NT.S. SEQUENCE OF OPERATION: 1. WHEN OCCUPANTS ENTER THE ROOM LIGHTING FIXTURES NEED TO BE MANUALLY TIRRED ON VIA INTEGRAL SWITCHES. 2. LIGHTING FIXTURES IN ROOM CAN BE MANUALLY DIMMED VIA INTEGRAL SWITCHES. 3. IF GRUENCE STIRE ON AFTER 15 MINUTES ALL LIGHTING FIXTURES IN ROOM CAN BE MANUALLY DIMMED VIA INTEGRAL SWITCHES. 3. LIGHTING FIXTURES IN ROOM CAN BE MANUALLY DIMMED VIA INTEGRAL SWITCHES. 4. LIGHTING FIXTURES IN THE ROOM JETTING FIXTURES ALL LIGHTING FIXTURES IN ROOM CAN BE MANUALLY DIMMED VIA INTEGRAL SWITCHES. 5. LIGHTING FIXTURES IN THE ROOM WILL SHUTOFF VIA INTEGRAL OCCUPANCY SENSOR. 5. HIE ROOM BEFORE THE 15 MINUTES TIME OUT VIA INTEGRAL SWITCHES. 5. WIRING DETAIL SCALE: 5. WIRING DETAIL	CUPANTS ENTER 1 CALLY TURN ON.	HE ROOM LIGHTING FIXTURES IN THE ROOM WILL	
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TURNED ON VIA INTEGRAL SWITCH. UPANTS LEAVE THE ROOM, AFTER 15 MINUTES ALL LIGHTING FIXTURES IN WILL SHUTOFF VIA INTEGRAL OCCUPANCY SENSOR. TAYING AN MANUALLY SHUTOFF LIGHTING FIXTURES IN THE ROOM BEFORE UT VIA INTEGRAL SWITCH.  SCALE: N.T.S.  N.T.S.  SCALE: N.T.S.  N.T.S.  SCALE: N.T.S.	ICE OF OPER	ATION FOR SPACES OTHER THAN TOIL	ET ROOMS:
WIRING DETAIL     N.T.S.     SEQUENCE OF OPERATION:     1. WHEN OCCUPANTS ENTER THE ROOM LIGHTING FIXTURES NEED     TO BE MANUALLY TURNED ON VIA INTEGRAL SWITCHES.     1. LIGHTING FIXTURES IN ROOM CAN BE MANUALLY DIMMED VIA     INTEGRAL SWITCHES.     1. IF THE OCCUPANTS LEAVE THE ROOM, AFTER 15 MINUTES ALL     LIGHTING FIXTURES IN THE ROOM WILL SHUTOFF VIA INTEGRAL     OCCUPANCY SENSOR.     1. THE OCCUPANTS CAN MANUALLY SHUTOFF LIGHTING FIXTURES     IN THE ROOM BEFORE THE 15 MINUTES TIME OUT VIA INTEGRAL     SWITCHES.     SCALE:	TURNED ON VIA I UPANTS LEAVE T WILL SHUTOFF VI PANTS CAN MANU	NTEGRAL SWITCH. HE ROOM, AFTER 15 MINUTES ALL LIGHTING FIXTURES A INTEGRAL OCCUPANCY SENSOR. ALLY SHUTOFF LIGHTING FIXTURES IN THE ROOM BEI	S IN
WIRING DETAIL     N.T.S.     SEQUENCE OF OPERATION:     1. WHEN OCCUPANTS ENTER THE ROOM LIGHTING FIXTURES NEED     TO BE MANUALLY TURNED ON VIA INTEGRAL SWITCHES.     1. LIGHTING FIXTURES IN ROOM CAN BE MANUALLY DIMMED VIA     INTEGRAL SWITCHES.     1. IF THE OCCUPANTS LEAVE THE ROOM, AFTER 15 MINUTES ALL     LIGHTING FIXTURES IN THE ROOM WILL SHUTOFF VIA INTEGRAL     OCCUPANCY SENSOR.     1. THE OCCUPANTS CAN MANUALLY SHUTOFF LIGHTING FIXTURES     IN THE ROOM BEFORE THE 15 MINUTES TIME OUT VIA INTEGRAL     SWITCHES.     SCALE:			SCALE.
STRUCT SEQUENCE OF OPERATION: SEQUENCE OF OPERATION:	1" WIRING	<b>BIDETAIL</b>	
SWITCHES. SCALE:	2. 3 <b>5</b>	<ul> <li>WHEN OCCUPANTS ENTER THE ROOM LIGHTING F</li> <li>TO BE MANUALLY TURNED ON VIA INTEGRAL SWIT</li> <li>LIGHTING FIXTURES IN ROOM CAN BE MANUALLY I</li> <li>INTEGRAL SWITCHES.</li> <li>IF THE OCCUPANTS LEAVE THE ROOM, AFTER 15 N</li> <li>LIGHTING FIXTURES IN THE ROOM WILL SHUTOFF</li> <li>OCCUPANCY SENSOR.</li> <li>THE OCCUPANTS CAN MANUALLY SHUTOFF LIGHT</li> </ul>	ICHES. DIMMED VIA MINUTES ALL VIA INTEGRAL
	3" WIRING	DETAIL	SCALE:

LC 1B

SCALE:

N.T.S.

LIGHTING

LOAD

0-10VDC DIMMING

LOAD

0-10VDC DIMMING

RJ45 PORT

(TYPICAL)

(TYPICAL)

- CLASS 2 0-10 VOLT

CONTROL WIRING

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

VITCH LEG a

LIGHTING CONTROL DETAIL

DIMMING SWITCHES.

WALL SWITCHES.

3. CATEGORY 5e CABLING SHALL BE PROVIDED BY WATT STOPPER OR EQUAL.

SEQUENCE OF OPERATION:

VOLTAGE DIGITAL DIMMING SWITCHES "a", "b", AND "c".

VOLTAGE DIGITAL DIMMING SWITCHES "a", "b", AND "c".

4. REFER TO FLOOR PLANS FOR EXACT QUANTITY OF SENSORS AND SWITCHES REQUIRED FOR EACH SPACE.

"a" WILL BE AUTOMATICALLY DIMMED VIA PHOTOSENSOR, DEPENDING ON NATURAL LIGHT IN SPACE.

"b" WILL BE AUTOMATICALLY DIMMED VIA PHOTOSENSOR, DEPENDING ON NATURAL LIGHT IN SPACE.

"c" WILL BE AUTOMATICALLY DIMMED VIA PHOTOSENSOR, DEPENDING ON NATURAL LIGHT IN SPACE.

1. WHEN OCCUPANTS ENTER THE ROOM LIGHTING FIXTURES IN THE ROOM NEED TO BE MANUALLY TURNED ON VIA LOW

2. IF ALL LIGHTING FIXTURES IN ROOM ARE ON, LIGHTING FIXTURES IN DAYLIGHT HARVESTING ZONE 1 WITH SUBSCRIPT

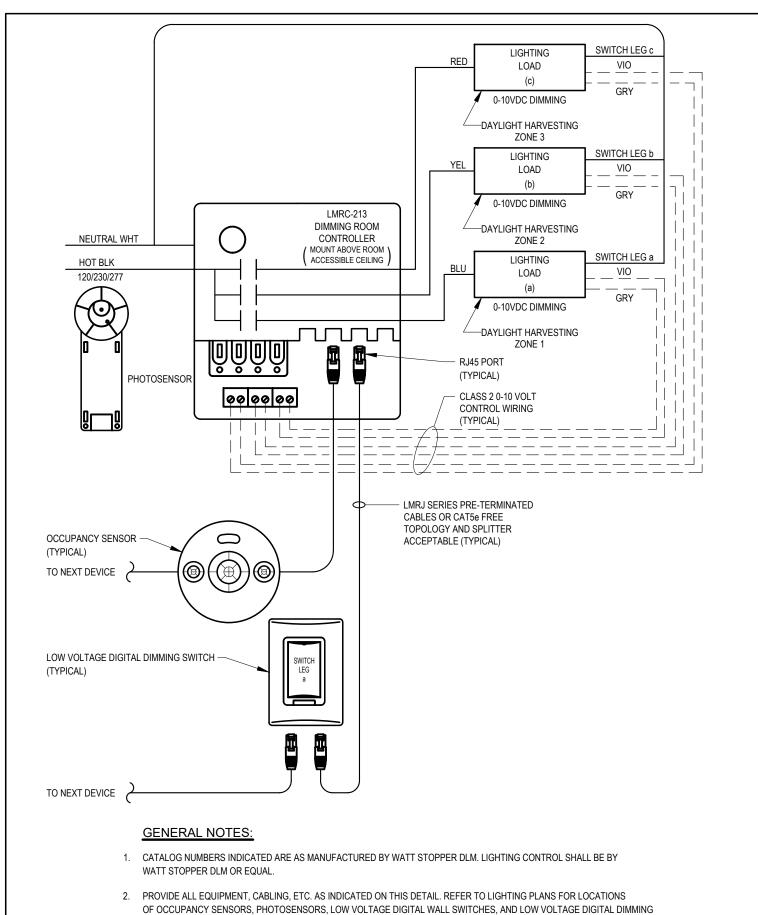
3. IF ALL LIGHTING FIXTURES IN ROOM ARE ON, LIGHTING FIXTURES IN DAYLIGHT HARVESTING ZONE 2 WITH SUBSCRIPT

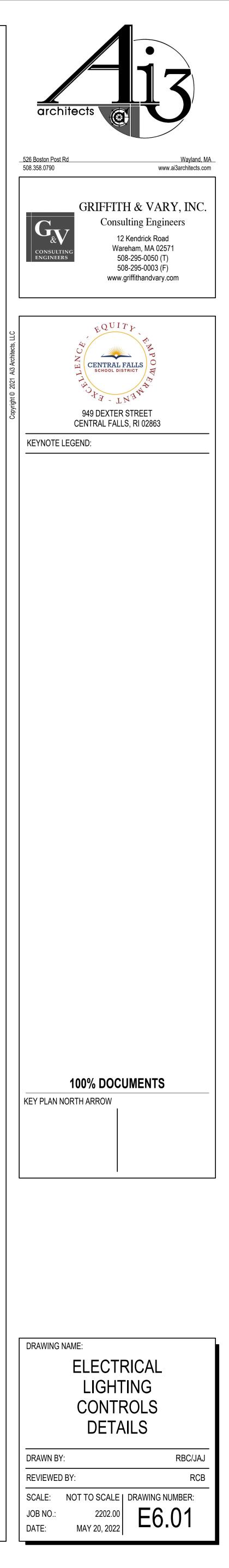
4. IF ALL LIGHTING FIXTURES IN ROOM ARE ON, LIGHTING FIXTURES IN DAYLIGHT HARVESTING ZONE 3 WITH SUBSCRIPT

5. LIGHTING FIXTURES IN ROOM WITH SUBSCRIPT "a", "b", AND "c" CAN BE MANUALLY DIMMED VIA LOW VOLTAGE DIGITAL

6. IF THE OCCUPANTS LEAVE THE ROOM, AFTER 15 MINUTES ALL LIGHTING FIXTURES WILL SHUTOFF VIA OCCUPANCY SENSORS.

7. THE OCCUPANTS CAN MANUALLY SHUTOFF LIGHTING FIXTURES IN THE ROOM BEFORE THE 15 MINUTES TIME OUT VIA LOW





SCALE:

N.T.S.