Reconstruction to: Rombout Middle School **Beacon High School**

Beacon City School District Beacon, New York

Drawing List

GENERAL G001 Title Sheet G100 Symbols and Abbreviations

Rombout Middle School

CODE COMPLIANCE EG350 Code Compliance Review and First Floor Key Plan

EG351 Second Floor Key Plan

ARCHITECTURAL

EA050	Roof Key Plan
EA190	Roof Plan Area B
EA191	Roof Plan Area E
EA192	Roof Plan Area F

Beacon High School

CODE COMPLIANCE FG350 Code Compliance Review and First Floor Key Plan FG351 Second Floor Key Plan

ARCHITECTURAL FA050 Roof Key Plan FA190 Roof Plans Area A and G

Common

ARCHITECTURAL ZA190 Details ZA191 Details



S.E.D. Control No. 13-02-00-01-0-020-011



	Drawn By:	Date:							
	TTAE	12/21/2021							
	Project No.: 279180-22001								

To the best of the Architect's knowledge, information and belief, the design of this project conforms to all applicable provisions of the New York State Uniform Fire Prevention and Building Code, the New York State Energy Conservation Code, and the building standards of the New York State Education Department.





BID SET PRINTED SEPTEMBER 15, 2022

	1 S	ite Symbols		Archit	ectur	al Sym	⁴ nbols	5 6 Structural Symbols				
A	+ 83.36	SPOT ELEVATION								INDICATES AREA IS		
	+ 99.50 TC 99.00 BC + 83.36 - 136	I OP OF CURB ELEVATION BOTTOM OF CURB ELEVATION EXISTING SPOT ELEVATION CONTOUR			EX	KISTING TO REMA	IN		~~ ~	EXISTING — INDICATES SLAB IS DEPRESSED OR RECESSED		
	— — 136 — — — — — — — — — — — — — — — — — — —	EXISTING CONTOUR SOIL TEST BORING TEST PIT LOCATION			DE	EMOLITION WORK	< compared with the second sec			TOP OF FTG ELEVATION FROM DATUM CONTINUOUS FTG		
В	+				NE (M	EW WORK IN EXIS IATERIAL INDICAT	STING TION VARIES)					
_		TREE OR SHRUB TO REMAIN			NE (M	EW WORK IATERIAL INDICAT	TION VARIES)			 FOUNDATION WALL BM POCKET ELEVATION FROM DATUM STEPPED FOOTING 		
J	///////	ASPHALT PAVING OR TOP COURSE HEAVY-DUTY ASPHALT PAVING			CN	MU AND BRICK CA	AVITY WALL	, ,		INDICATES PIER TYPE		
		REMOVE AND REPLACE ASPHALT PA	VING		CM	MU WALL YPSUM BOARD P/ / METAL STUD W/	ARTITION ALL	Ý1 (-8) → ┌── ── ── │		— TOP OF PIER ELEVATION FROM DATUM		
_		CONCRETE SECTION			OF	PERABLE PARTIT	ION	F4 [-3'-0] -		 TOP OF FOOTING ELEVATION FROM DATUM INDICATES FOOTING TYPE 		
D		CURBING TO BE REMOVED		$ \begin{array}{c} \begin{pmatrix} 100\\ 1 \end{pmatrix} \\ \langle A \rangle \end{array} $	DOOR NUMBE (ROOM NO W/ WINDOW TYP	ER (DOOR NO) E				REFER TO FOOTING		
	× × × × × × × × × × × × × × × × × × ×	FENCING TO REMAIN FENCING TO BE REMOVED SILT FENCING		126	RELOCATED E FURNITURE C	EQUIPMENT DR CASEWORK NI	JMBER	R	D	INDICATES A FRAMED ROOF OR FLOOR OPNG COORD SIZE AND LOCATION		
		TEMPORARY CONSTRUCTION FENCI	NG	(P3.8) (MGM)	PARTITION TY	(PE SYMBOL			<u> </u>			
ш		UTILITY POLE			FINISH CHANG	GE				SH = SMOKE HATCH AH = ACCESS HATCH		
_	¢ ¢ ⊢°	UTILITY POLE TO REMAIN UTILITY POLE TO BE REMOVED NEW OR RELOCATED FIRE HYDRANT	г	ROOF S	YMBOLS	PERED INSULATIC	N			ELEVATION FROM DRAWING DATUM BEAM SIZE NUMBER OF SHEAR		
	F2 ☑ Ø	FIRE HYDRANT TO REMAIN DROP INLET CATCH BASIN			EXISTING ROO ROOF DRAIN FACTORY-TAP	OF DRAIN WITH F INSERT IN NEW PERED SUMP	RETROFIT	(-6) W8X15 [14] 21K 0.7	(GIR) - 21K	STUDS OVER FULL LENGTH OF BEAM INDICATES TOP OF BEAM AT ADJ GIRDER ELEV		
-		STORM/SANITARY MANHOLE		TAPERED	EJ/CONTROL DIRECTION O DEGREE OF S INSULATION (JOINT F DOWNWARD SI SLOPE OF TAPER MINIMUM 1/8"/FT	LOPE AND ED TYP UNO)		•			
	\bigcirc	MANHOLE/CATCH BASIN/DRYWELL TO REMAIN DRYWELL W/ GRATE		OR X	DIRECTION O TAPERED INS (MINIMUM 1/4)	F DOWNWARD SI SULATION CRICKE	LOPE OF			LINTEL DESIGNATION SEE SCHEDULE INDICATES LINTEL CONNECTION TO COLUMN		
ი	$ \begin{pmatrix} \bullet \\ \bigcirc \\ \bigcirc \end{pmatrix} $	DRYWELL W/ SOLID COVER TO GRAE	DE	SLOPE STRU +X"	DIRECTION O ROLLED OR S TOTAL THICK	F DOWNWARD SI SLOPED STRUCTL NESS OF INSULA	LOPE OF JRE TION			INDICATES MEMBER IS EXISTING INDICATES BFAM		
		STORM LINE WITH HEADWALL		+X" FLAT	TOTAL THICK INSULATION DESIGNATES	NESS OF AREA O	F FLAT YPE			SPLICE INDICATES MOMENT CONNECTION		
		STORM LINE WITH END SECTION		S L	WALKWAY PA	AD	REPLACED)			OVER COLUMN INDICATES SHEAR WALL CONNECTION TO BEAM		
т	ST //ST_//_ UD	STORM PIPE TO REMAIN STORM PIPE TO BE REMOVED/ABANE UNDERDRAIN	DONED	• OR 0	SMOKE VENT PIPE PENETR	OR ROOF HATCH	1	\/ <u>12K3</u>				
_	UD	UNDERDRAIN TO REMAIN UNDERDRAIN TO BE REMOVED/ABAN SANITARY LINE	IDONED			DOD ON CURB, TY	P RB, TYP		<u> </u>	— —— JOIST —— DIAGONAL BRIDGING		
	SAN -/SAN // G	SANITARY LINE TO REMAIN SANITARY LINE TO BE REMOVED/ABA GAS LINE	ANDONED	REFLEC	(SHAPE AND S	SIZE VARY)	DLS		-			
-	G G ₩ 	GAS LINE TO REMAIN GAS LINE TO BE REMOVED/ABANDON WATER LINE	NED		- BOTTOM OF C - CEILING MATE CEILING HUN	CEILING AFF ERIAL IG UNIT VENTILAT	OR OR					
_		WATER LINE TO REMAIN WATER LINE TO BE REMOVED/ABANE STORM/SANITARY CLEANOUT	DONED			URN/EXHAUST GI	RILLE		<u> </u>	—— С⊢м⊢ BEARING WALL		
- ۲		GATE VALVE SIGN POST UNIVERSAL HANDICAP SYMBOL			CEILING SUP	PLY DIFFUSER/GI	RILLE	(SW1)		WALL TYPE		
		REMOVAL RIP-RAP			2 X 4 FIXTURE 2 X 2 PATTER	E IN N						
	NOTE: REFER TO KEY AND A TYPES	FINISH PLANS FOR ROOM FINISH ADDITIONAL ABBREVIATIONS AND	BO BY BOD BC BOF BC BOS BC	OTHERS OTTOM OF DUCT DITTOM OF FOOTING DITTOM OF STEEL		CONST CONT CONTR COORD	CONSTRUCTION CONTINOUS CONTRACT (OR) COORDINATE		EB EC ECF EIFS	EXPANSION BOLT ELECTRICAL CONTRACTOR ENHANCED CONCRETE FLOORING EXTERIOR INSULATION SYSTEM		
×	AAC ASBESTOS AAD AUTOMATI AB ANCHOR E AC AIR CONDI CURRENT ACCMP ASPHALT (S ABATEMENT CONTRACTOR IC AIR DAMPER BOLT, AIR BARRIER ITIONING, ALTERNATING COATED CORR METAL PIPE	BOT BC BPL BE BR BC BRDG BR BRG BE BRK BR	DI TOM EARING PLATE DTTOM REGISTER RIDGING EARING RICK		CORR COWP CPVC CR CRS CSK	CORRUGATED, CC CLEAN OUT WALL CHLORINATED PO CEILING REGISTEI COURSE (S) COUNTERSINK	PKRIDOR PLATE LY VINYL CHLORIDE R	EF EJ ELEC ELEM ELEV EM	EACH FACE, EXHAUST FAN EXPANSION JOINT ELECTRIC (AL) ELEMENT ELEVATION, ELEVATOR EMERGENCY		
_	ACMASBESTOSACTACOUSTICACUAIR CONDIADAREA DRAADAAMERICANADDADDENDU	S CONTAINING MATERIAL CAL CEILING TILE ITIONING UNIT IN I DISABILITIES ACT M	BRSH BR BRZ BR BS BC BSMT BA BSPL BA BT BE	KICKSHELF RONZE DTH SIDES, BOTTOM (ASEMENT ACKSPLASH ENT	OF STAIR	CSMT CT CTD CTOP CTR CU	CASEMENT COMPUTER TERM COATED COUNTER TOP CENTER CUBIC	INAL, CERAMIC BASE TILE	EMT ENC EOD EOS EQ EQC	ELECTRICAL METALLIC TUBING ENCLOSURE EDGE OF DECK EDGE OF SLAB EQUAL, EQUIVALENT EQUIPMENT CONTRACTOR		
	ADDL ADDITIONA ADDN ADDITION ADH ADHESIVE ADJ ADJACENT ADR ACCESS D AESS ARCH FXP	AL T IOOR IOSED STRUCTURAL STEFI	BTU BR BTUH BR BUR BU BW BC BWC BA	RITISH THERMAL UNIT RITISH THERMAL UNIT JILT-UP ROOFING OTTOM OF WALL ACK WATER CHECK VA	TS TS PER HOUR ALVE	CUH CV CW CWR CWS CWT	CABINET UNIT HE/ CONVECTOR, CUR COLD WATER CHILLED WATER F CHILLED WATER S CERAMIC WALL TI	ATER RB VALVE RETURN GUPPLY LE	EQUIP ES ESF ESM EW EWC	EQUIPMENT EXPOSED SURFACE, EXPOSED STR ELASTIC SHEET FLASHING ELASTIC SHEET MEMBRANE EACH WAY ELECTRIC WATER COOI FR		
	AFF ABOVE FIN AH ACCESS H AHU AIR HANDI AIB AIR INFILT ALT ALTERNAT ALTB ACOUSTIC	NISH FLOOR IATCH LING UNIT RATION BARRIER TE CALLY LINED TRANSFER BOX	C CC CA CC CAB CA CATV CA CB CA	DNDUIT, CONVECTOR DMMON, CARPET DMPRESSED AIR ABINET ABLE TELEVISION ATCH BASIN. CIRCUIT	, CONDENSOR BREAKER	D DB DC DDC DE	DIESEL FUEL, DEP DRY BULB DIRECT CURRENT DIRECT DIGITAL C DELONIZED WATE	ONTROL R	EWT EXH EXG EXP EXT	ENTERING WATER TEMPERATURE EXHAUST EXISTING EXPANSION EXTERIOR, EXTERNAL		
_	ALTN ALTERATIO AMP AMPERE ANOD ANODIZED ANT ACID NEUT AP ACCESS P APPROXIM	ON ALUM ALUMINUM) TRALIZATION TANK ANEL, APPROX, IATE(LY)	CCTV CL CD CE CEM CE CER CE CFM CL	IALKBOARD OSED CIRCUIT TELEN EILING DIFFUSER, COI EMENT ERAMIC CF CUBIC FEE JBIC FEET PER MINUT	VISION NDENSATE DR. ET, CEILING FA TE	DEG DEMO AIN DEP DET N DF DH	Degrees Demolish Depress (ED) (IO Detail (ED) Drinking Fount/ Double Hung	N) AIN	F FA FAI FCU FD FDC	FAHRENHEIT FIRE ALARM FRESH AIR INTAKE FAN COOLING UNIT FLOOR DRAIN, FIRE DAMPER FIRE DEPARTMENT CONNECTION		
M	APC ARCHITEC ARCH ARCHITEC A/S AIR SEPAR ASB ASBESTOS ASPH ASPHALT ATV ATMOSPHI	TURÀL PRECAST CONCRETE IT (URAL) RATOR S ERIC VENT	CFMF CC CFT CE CG CE CHAN CH CHUV CE CI CA	DLD FORMED METAL F ERAMIC FLOOR TILE EILING GRILLE IANNEL EILING HUNG UNIT VE AST IRON	FRAMING		DEHUMIDIFICATIO DROP INLET, DUC' WATER DIAMETER DIAGONAL DIMENSION	N UNIT TILE IRON, DISTILLED	FE FEC FF FFE FFL FG	FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FINISH FLOOR, FACTORY FINISH FINISH FLOOR ELEVATION FINISH FLOOR LINE FLOOR GRII I F		
	AUD AUDITORIU AUTO AUTOMATI AVE AVERAGE B BOILER, BI BB BASIZETO	JM IC RICK, BOTTOM	CIP CA CIRC CIF CJ CC CL CE CLG CE	AST IN PLACE RCUMFERENCE DNTROL JOINT ENTER LINE EILING AULKING		DISP DIST DIV DL DN DO	DISPENSER DISTANCE DIVISION DEAD LOAD DOWN DITTO		FH FHC FIN FIXT FL FL	FIRE HYDRANT FIRE HOSE CABINET FINISH (ED) FIXTURE FLUSH FLOOR DUCT		
	BD BOILER BL BC BOTTOM C BCU BLOWER C BCX BOTTOM C BD BOARD	COWDOWN OF CURB COIL UNIT CHORD EXTENSION	CLL CC CLR CL CLR CL CLRM CL CMP CC CMT CE	DNTRACT LIMIT LINE EAR (ING) (ENCE) ASSROOM DRRUGATED METAL P ERAMIC MOSAIC TILE		DO DP DPR DR DWG DS	DAMPPROOF (ING) DAMPER DOOR, DEEP RIB DRAWING DOWNSPOUT, DR/ DOWNSPOUT, DR/) AINAGE STRUCTURE	FLEX FLG FLR FLUOR FM	FLEXIBLE FLASHING FLOOR (ING) FLUORESCENT FLOOR MOUNTED		
z	BUD BACKDRAI BF BACK FLO BG BOTTOM G BIT BITUMINOU BLDG BUILDING BLK BLOCK	FT DAMPER W PREVENTER GRILLE US	CMU CC CO CL CODP CL COL CC COMB CC COMP CC	DINGRETE MASONRY L EAN OUT EAN OUT DECK PLAT DLUMN DMBINATION DMPRESS (ED) (ION) (I	UNIT E IBLE), COMPOS	DT DTA DTL DW DWL SITE DWR	DRAIN TILE DOVETAIL ANCHO DETAIL DUMBWAITER, DIS DOWEL DRAWER	R SHWASHER	FMC FND FOB FOG FOR FOS	FLEXIBLE METAL CONDUIT FOUNDATION FREIGHT ON BOARD, FLAT ON BOTT FUEL OIL GAUGE FUEL OIL RETURN FUEL OIL SUPPLY		
	BLKG BLOCKING BM BEAM	i 	CONC CC COND CC CONN CC	DNCRETE DNDENSATE DNNECTION		E EA EAT	EAST EXHAUST AIR, EAG ENTERING AIR TEI	CH MPERATURE	FOT FP FPM FR	FLAT ON TOP FIREPROOF (ING) FEET PER MINUTE FRAME, FLOOR REGISTER		

6	[.]	7 8	1	9 10		11 12
nbols				Mechanic	cal Symbol	S
ATES AREA IS	TAG NO.	EQUIPMENT TAG (NON-MOTORIZED)	ATV	— ATMOSPHERIC VENT	——————————————————————————————————————	BASKET STRAINER
ING	VALUE	CFM, GPM, CAPACITY	BBD	- BOILER BLOW DOWN		DUPLEX BASKET STRAINER
ATES SLAB IS ESSED OR	TAG NO.	EQUIPMENT TAG (MOTORIZED)	CWR	 CHILLED WATER RETURN 		AQUASTAT
SSED	VALUE		CGS	- CHILLED GLYCOL SUPPLY	D	PITCH PIPING (DOWN)
F FTG ELEVATION	TAG NO.		CGR	CHILLED GLYCOL RETURN	Q	AUTOMATIC FLOW CONTROL VALVE
NUOUS FTG	NECK SZ.	REGISTER, GRILLE, DIFFUSER	C	CONDENSATE DRAIN CONDENSER WATER SUPPLY		BACKFLOW PREVENTOR
	CFM		CR	— CONDENSER WATER RETURN	B	BALANCING VALVE
	FTR-TYPE	FIN TUBE RADIATION	GS	- GLYCOL SUPPLY		BALL VALVE EXISTING BALL VALVE
CKET	ENC. LENGTH	ENCLOSURE NOTED AS: W/W: WALL TO WALL,	GR	- GLYCOL RETURN		BUTTERFLY VALVE
	GPM	W/U: WALL TO UNIT, W/D: WALL TO DOOR, ETC	HGR	— HOT GLYCOL RETURN		CHECK VALVE
DFOOTING			HPWS	- HEAT PUMP SUPPLY	K	2-WAY CONTROL MODULATING VALVE
ES PIER TYPE		SUPPLY DUCT - POSITIVE PRESSURE	HPWR			3-WAY CONTROL, MODULATING VALVE
PIER ELEVATION		RETURN DUCT - NEGATIVE PRESSURE	HWS	 HOT WATER SUPPLY HOT WATER BETURN 		(INSTALL STEM VERTICAL)
ATUM		RETORN DOCT - NEGATIVE FRESSORE	HCS	 HOT/CHILLED WATER SUPPLY 		3-WAY CONTROL, THERMOSTATIC MIXING VALVE (SELF-CONTAINED)
		EXHAUST DUCT - NEGATIVE PRESSURE	HCR	HOT/CHILLED WATER RETURN	S	
FOOTING	8x8	DUCTWORK, FIRST VALUE IS SIZE OF SIDE IN VIEW		LOW PRESSURE STEAM LOW PRESSURE CONDENSATE	M	SOLENOID (ELECTRIC) ON/OFF
		DUCT TRANSITION	LPWC	 LOW PRESSURE STEAM WET (5) 200 DED 2		MOTORIZED MODULATING VALVE
TO FOOTING JLE		DUCT OFFSET	MU	(FLOODED) CONDENSATE		FUSIBLE LINK VALVE
				UP COLD WATER(NON-POTABLE)		GAS PRESSURE REGULATOR VALVE
ATES A FRAMED		W/TURNING VANES	RS	- REFRIGERANT SUCTION		TRIPLE DUTY VALVE
OR FLOOR OPNG D SIZE AND			RL	REFRIGERANT LIQUID		GLOBE VALVE
ΓΙΟΝ		RECTANGULAR ELBOW	HG			OS&Y GATE VALVE
ATES FRAMED		ROUND DUCTWORK W/		- REMOVE EXG. DUCT,		PLUG VALVE
ROOF DRAIN //ECH EQUIP		MITERED ELBOW	EV.O			PRESSURE REDUCING VALVE
KYLIGHT MOKE HATCH	<u> </u>	RADIUS ELBOW W/ TURNING/SPLITTER VANES	EXG		×	PRESSURE RELIEF VALVE
CCESS HATCH			— Ү ——	 TOP PIPE CONNECTION 		STEAM TRAP
ATION FROM		RADIUS ELBOW	с	- PIPE ELBOW DOWN		FLOAT AND THERMOSTATIC
			0	- PIPE ELBOW UP	× ^B	STEAM TRAP
SIZE ER OF SHEAR		STANDARD BRANCH DUCT W/VOLUME DAMPER	Ē	- PIPE DOWN WITH CLEANOUT AT BAS	SE	
S OVER FULL TH OF BEAM			٤ـــــ	PIPE DOWN WITH SHUTOFF VALVE		
ATES TOP OF BEAM J GIRDER ELEV		ACOUSTICALLY LINED	<u> </u>	- CAP OR PLUG	 ↑	CIRCULATING POMP
		ACOUSTICALLY LINED		- UNION CONNECTION		WATER HAMMER ARRESTOR
REACTION- KIPS		DUCTWORK (UP/DOWN)				CLEANOUT PLUG
OX W/ WET CONC	OR					CLEANOUT DECK FLATE
L DESIGNATION CHEDULE		FLEXIBLE DUCT		 PIPING REDUCER (ECCENTRIC) PIPE ANCHOR 	F	FIRE RISER VALVE ASSEMBLY
ATES LINTEL ECTION TO				- PIPE GUIDE		
MN		VOLUME DAMPER		- EXPANSION COMPENSATOR	BS	BURNER SHUT OFF
STING	FD	FIRE DAMPER		EXPANSION JOINT	H	HUMIDISTAT
ATES BEAM E				- FLEX CONNECTOR		
ATES MOMENT		SMOKE DAMPER		 TEMPERATURE OR PRESSURE PROBE WELL 	(H) s	HUMIDITY SENSOR
LOTION	FSD		I	- THERMOMETER		HUMIDITY SENSOR W/ GUARD
COLUMN ATES SHEAR WALL		FIRE AND SMOKE DAMPER	P		<u> </u>	
ECTION TO BEAM	AAD	AUTOMATIC AIR DAMPER		- PRESSURE SWITCH	(P) s	PRESSURE SENSOR
ATES BM TO HAVE DF WALL CLIPS			<u> </u>	- PRESSURE GAUGE	PSG	PRESSURE SENSOR W/ GUARD
DESIGNATION		BACKDRAFT DAMPER	<u> </u>	- TEMPERATURE/ PRESSURE GAUGE	(\mathbf{S})	SWITCH
ONHAF RENDGING	 			— MANUAL AIR VENT		
		EXISTING DUCTWORK	AV	— AUTOMATIC AIR VENT	(\mathbf{I})	THERMOSTAT
NAL BRIDGING		AIR FLOW	Y	— STEAM VENT	TG	THERMOSTAT W/ GUARD
	\rightarrow	DUCT AIR FLOW	T	- VACUUM BREAKER		
NRY LOAD NG WALL		EXISTING MECHANICAL	工 	- FLOW SWITCH	∪ s	TEMPERATURE SENSOR
2 W ALL		EQUIPMENT TO BE REMOVED	(M)	- FLOW METER	(CO2)	CO2 SENSOR
CHEDULE		EXISTING MECHANICAL FOUIPMENT		ORIFICE METER	POC	
BEARING WALL				VENTURI FLOW METER		
/ALL		MECHANICAL EQUIPMENT		- WYE STRAINER	$\vdash $	FIRE DEPARTMENT CONNECTION
TVDE				WYE STRAINER WITH BLOW DOWN V	/ALVE	
		ACCESS CLEARANCE	\rightarrow	- DIRECTION OF FLOW		
				→ PIPE BREAK		
			M	- WATER METER		
N BOLT AL CONTRACTOR	FRA FF FRC FI	RESH AIR RE RESISTANT COATING	IN INCHES INCL INCLUDE (D) (IN	G) MAX MB	MAXIMUM MARKER BOARD	PLAS PLASTER, PLASTIC PLF POUNDS PER LINE
D CONCRETE FLOORING NSULATION SYSTEM	FRP FI	BERGLASS REINFORCED PANEL RE RETARDANT OOR SINK	INS INSULATE (D) (I INT INTERIOR	ON) MBH MBR	THOUSAND BTUH MEMBER MOTORIZED DAMPER	PLYWD PLYWOOD PM PLUGMOLD
N JOINT (AL)	FS FL FSD FI FT FI	RE AND SMOKE DAMPER EET, FLOOR TREATMENT	IP IRON PIPE IP IRON PIPE IPS IRON PIPE SIZF	MD ME MECH	MECHANICAL EQUIPMENT MECHANICAL (LY)	PINE PANEL POC POINT OF CURVAT CONNECTION
N, ELEVATOR	FTG FC FTR FI	DOTING N TUBE RADIATION	IW INDIRECT WAS	TE MED MEM	MEDIUM MEMBRANE	POL POLISHED POS POSITIVE
AL METALLIC TUBING RE	rv fL G G	AS, GLYCOL	JAN JANHURS CLOS JAN JANITORS CLOS JB JUNCTION BOX	SET MEZZ SET MF MFR	MIXING FAUCET MANUFACTURE (R)	POT POINT OF TANGEN PR PAIR PRE POWER ROOF FXF
	GA G/ GAL G/		JC JANITORS CLOS JCT JUNCTION	SET MH MIN	MAN HOLE MINIMUM	PREP PREPARE (ATION) PRF PREFORMED
QUIVALENT NT CONTRACTOR NT	GALV G/ GASK G/ GC G	ALVANIZED ASKET (ED) ENERAL CONTRACT (OR)	ji joint KW KILOWATT	MIR MISC MO	WIRKUK MISCELLANEOUS MASONRY OPFNING	PROJ PROJECT PS PAINT EXPOSED S PSF POUNDS PER SOU
SURFACE, EXPOSED STR SHEET FLASHING	RUCTURE GCMU GI GCO G	LAZED CONCRETE MASONRY UNIT RADE CLEANOUT GF GROUND FACE	KWH KILOWATT PER KV KILOVOLT	HOUR MOD MR	MODULE (OR), MODEL MOP RECEPTOR	PSI POUNDS PER SQU PT POINT, PORCELAI
MEET MEMBRANE Y WATER COOLER	GL GI GND GI GPM C	LASS, GLAZING ROUND ALLONS PER MINI ITE		EKE MP MT MTD	MULTICOLOR WALL COATIN MOUNT MOUNTED	IG PTD PAINTED PTFR PRESSURE TREAT PTP PRESSURE TREAT
WATER TEMPERATURE	GR GI GS G	RADE (ING), GLYCOL RETURN LYCOL SUPPLY	LAB LABORATORY LAD LADDER	MTG MTL	MOUNTING METAL	PVC POLYVINYL CHLOF PVMT PAVEMENT
)N	GVL G				MARELE THRESHOLD	PWE POWER WALL EXH

MTR METER MULL MULLION MVEJ MASONRY VENEER EXPANSION JOINT N NORTH, NO WORK REQUIRED NAT NATURAL NC NORMALLY CLOSED NEC NATIONAL ELECTRIC CODE LAT LEAVING AIR LAV LAVATORY LB POUND LBL LABEL VALL BOARL RIEMPERATURE GYP GYPSUM QUARTZ FLOORING QUARRY TILE QT HEIGHT н RADIUS, RETURN, F RETURN AIR HOSE BIB LEAD BASED PAINT HB LBP HARD BOARD LANDSCAPE CONTRACTOR (SITE) HBD RA NEC NATIONAL ELECTRIC NEG NEGATIVE NEUT NEUTRALIZATION NIC NOT IN CONTRACT HC HEATING CONTRACT (OR HCR HOT/CHILLED RETURN HCS HOT/CHILLED SUPPLY HEATING CONTRACT (OR), HANDICAP LCC LEAD COATED COPPER LDR LEADER LEV LEVEL RAD RADIATION RAF RETURN AIR FAN, I NATIONAL ELECTRIC CODE FLOORING LABORATORY VENT HD HEAVY DUTY RB RESILIENT BASE LV HDPE HIGH DENSITY POLYETHYLENE HDR HEADER LW LABORATORY WASTE NO NUMBER, NORMALLY OPEN RC ROOFING CONTRA NOM NOMINAL RCA RECYCLED CONCF HDW HARDWARE HG HOT GLYCOL LF LINEAR FOOT LFMC LIQUID-TIGHT FLEXIBLE METAL CONDUIT NRC NOISE REDUCTION COEFFICIENT NTS NOT TO SCALE LIQUID-TIGHT FLEXIBLE ML LFNC LIQUID-TIGHT FLEXIBLE ML LFNC LIQUID-TIGHT FLEXIBLE NON. LG LENGTH, LONG LG LENGTH, LONG HP HORSEPOWER, HIGH PRESSURE, HEAT PUMP HPS HEAT PUMP LOOP WATER SUPPLY HPR HEAT PUMP LOOP WATER SUPPLY HPR HEAT PUMP LOOP WATER RETURN HPC HIGH PREFORMANCE COATING HPL HIGH PRESSURE LAMINATE HR HANDRAIL, HOUP HT RCP REINFORCED CON REFLECTED CEILIN REFLECTED CEILIN RCU REMOTE CONDENS RD ROOF DRAIN RECEPT RECEPTACLE REF REFERENCE REFL REFLECT (ED) (IVE) REFR REFRIGERATOR LFNC LIQUID-TIGHT FLEXIBLE NONMETALLIC CONDUIT OVERALL, OUTSIDE AIR OA ON CENTER OC OD OUTSIDE DIAMETER OH OVERHEAD OPNG OPENING OPP OPPOSITE OPP HD OPPOSITE HAND REG REGISTER REINF REINFORCE (D) (INC REM REMOVED
 P
 PAINT SURFACE(S) INCLUDING SOFFITS
 REQD
 REQUIRED

 PAR
 PARALLEL
 RESIL
 RESILIENT

 PART
 PARTITION
 RET
 RETAINING, RETURN

 PC
 PLUMBING CONTRACT (OR),
 REV
 REVISION, REVISED.

 PIGMENTED CONCRETE
 RF
 RUBBER FLOORING
 ΗT HEIGHT LOW PRESSURE STEAM HTG HV HEATING LOW POINT HIGH VOLTAGE LINOLEUM SHEET HVAC HEATING/VENTILATING/AIR CONDITIONING HVU HEATING AND VENTILATING UNIT LIGHT, LINOLEUM TILE LINTEL LOW VOLTAGE ON BOARD, FLAT ON BOTTOM HW HOT WATER PCC PRECAST CONCRETE RFG ROOFING HWH HOT WATER HEATER HWP HOT WATER PUMP LVR LOUVER LWT LEAVING WATER TEMPERATURE PE PORCELAIN ENAMEL PENC PRE-EXISTING NON-CONFORMING RFH ROOF HATCH RFH ROOF HATCH RFM RECESSED FLOOR RG RETURN GRILLE RGS RIGID GALVANIZED RH RIGHT HAND RHC REHEAT COIL RI ROUGH-IN PERF PERFORATE (ION) (ED) HWR HOT WATER RETURN MAN MANUAL MAS MASONRY MAT MATERIAL PERF PERFORATE (ION) (ED) PERI PERIMETER PERP PERPENDICULAR PL PLATE, PROPERTY LINE PLAM PLASTIC LAMINATE HWS HOT WATER SUPPLY INSIDE DIAMETER ID MAU MAKE UP AIR UNIT IE

12		13	1 1	4		15		16	17			
					Elec	trical	and Te	chnol	ogy Symbols			Sta
			CONNECTION TO	#	LIGHT FIXTU # DENOTES	IRE TYPE			CABLE TRAY - LADDER TYPE	A		2
R	 		PLATE STRAINER	_ #	LIGHT FIXTU # DENOTES	IRE TYPE			CABLE TRAY - BASKET TYPE SURFACE RACEWAY			
	~ _		HOSE BIBB		RETROFITTE AS NOTED	ED LIGHT FIXTU	IRE	SR	TYPE AS DESCRIBED ON DWGS.	FT		
	—— CA ——		COMPRESSED AIR	▲ ▼ #	COMBINATIO # DENOTES	ON EXIT/EMERG	GENCY LIGHT	S	CEILING MOUNT SPEAKER			
ROL VALVE	LW		LABORATORY WASTE	▲	EMERGENC # DENOTES	Y LIGHT W/BAT TYPE	TERY PACK	S VC	WALL MOUNT SPEAKER			A112
	LW		LABORATORY WASTE (BURIED)	″ ▲ ▶ #	EMER. LIGH # DENOTES	T/WALL MOUNT TYPE	-	₩C ₩	HORN SPEAKER	Ш		C
	V		VENT		EMERGENC # DENOTES	Y FIXTURE TYPE		O P	PROGRAM BELL		(÷	
	SAN -		SANITARY (ABOVE GRADE)	•#	EMERGENC			FB	FLOOR BOX			RAD
			INDIRECT WASTE	$\overline{\mathbf{N}}_{\mu}$	# DENOTES		ITED		DOOR RELEASE	_	2	•
	ST		STORM (ABOVE GRADE)	# 	# DENOTES	WALL MOUNTE	Ð	SE	SECURITY ALARM HORN SECURITY SENSOR		A112	• WAL
	ST		STORM (BURIED)	⊻# DLS	# DENOTES	ENSOR		SE) -	GB - GLASS BREAK MD - MOTION DETECTOR SD - SOUND DETECTOR			_
)	SP F		FIRE STANDPIPE	AR #	AREA OF RE # DENOTES	SCUE LIGHT FI TYPE	XTURE	DC	SECURITY DOOR CONTACT	C	4 (A112)	>2 INTE ELEV
)	— SPRK —		FIRE SPRINKLER	" ■-□ #	POLE MOUN # DENOTES	TED SITE LIGH TYPE	т	KP #	SECURITY SYSTEM KEYPAD # DENOTES DESIGNATION		N	
/OFF			EXISTING COLD WATER	\$	LIGHT SWIT				SECURITY CAMERA # DENOTES DESIGNATION			
VALVE			EXISTING HOT WATER			VAY		REX	SECURITY REQUEST TO EXIT SENS	SOR		PRO
	110°	HW—	EXISTING 110° HOT WATER		P - W OS - (MMER /PILOT LIGHT DCCUPANCY SI	ENSOR	PS #	LOW-VOLTAGE POWER SUPPLY # DENOTES DESIGNATION			– — COL
OR VALVE	140° 180°	HW—	EXISTING 140° HOT WATER	TC		ACANY SENSU	JR	ELH	SECURITY ELECTRIC LOCKING HARDWARE			LINE
			COLD WATER	OS VS				IC #	DOOR INTERCOM CALL STATION # DENOTES DESIGNATION		A	- A MAT
				PC	PHOTO CEL			CR #	ACCESS CONTROL CARD READER # DENOTES DESIGNATION			
	110°	HW—	110° HOT WATER	LC				ADA MON	ADA PUSH BUTTON SECURITY CCTV MONITOR	_		II EARTH
LVE	140°	HW—	140° HOT WATER		FIRE ALARN	BELL-	STATION	DB	SECURITY DURESS BUTTON		· · · · · · · · · · · · · · · · · · ·	SAND
	180°	HW—	180° HOT WATER		W/STROBE	W/0 STROBE HORN-			EXISTING PANEL TO REMAIN			NEW ASPH
			TEMPERED (HOT) WATER RAW WATER	$\langle S \rangle$	W/STROBE SMOKE DET	W/0 STROBE ECTOR			NEW PANEL	ш		
RAР	SW		SOFT WATER	⟨B⟩→	BEAM SMOK	E DETECTOR		SPD	SURGE PROTECTION DEVICE			ASPHALT P
	DE			$\langle \mathbf{S} \rangle_{D}$	DUCT SMOK	E DETECTOR	CTOR	6	MOTOR			
	G		GAS	(H) _F	FIXED HEAT	DETECTOR		LABEL	NEW MOTOR SEE SCHEDULE FOR DESCRIPTION			
	—— P ——		PROPANE	S	FIRE ALARM	STROBE LIGH	т	PB	PULL BOX			
OR	—— D —		DIESEL FUEL	DH (A)		DOOR HOLDER	ICATION	J	JUNCTION BOX	ш		
	U FOS		UNLEADED GASOLINE	À	FIRE ALARN	VALL) / VOICE NOTIF :EILING)	ICATION	<u>[</u> Н] Ф	HAND/HAIR DRYER SINGLE RECEPTACLE			
	——FOS —		FUEL OIL SUPPLY	Ä	FIRE ALARN	/ VOICE NOTIF TROBE (CEILING	ICATION G)	φ	DUPLEX RECEPTACLE			
IBLY	FOR-			Ă	FIRE ALARN SPEAKER S	/ VOICE NOTIF TROBE (WALL)	ICATION	₽	DOUBLE DUPLEX RECEPTACLE	_		- METAL, STE
	FOR FOV		EXG FUEL OIL VENT	Ă	FIRE ALARN STROBE (W	VOICE NOTIF	ICATION	Φ	DUPLEX FLOOR RECEPTACLE			ACOUSTICA
	—— FOV —		FUEL OIL VENT	RTS	RELAY	DICATOR TEST	SWITCH					
	—— MU —		MAKE-UP COLD WATER (NON-POTABLE)	FS TS	SPRINKLER SPRINKLER	FLOW SWITCH	СН		NON-FUSED DISCONNECT SWITCH	Ċ		□ PLASTER, C WALL BOAF
	- (+)-		EXISTING ROOF DRAIN	FAA				\square	FUSED DISCONNECT SWITCH			
	-\$-		ROOF DRAIN REPLACING EXG	FACP FAGA	FIRE ALARN	GRAPHIC ANN	IUNCIATOR	\boxtimes	MOTOR STARTER			
AKD				CS	CONTROL S TYPE AS DE	TATION- SCRIBED ON D	WGS.	С	CONTACTOR	_		
	•			HCL	HOUSE LIGH	ITING CONTRO	L STATION	CB⊢	ENCLOSED CIRCUIT BREAKER			
UARD	Ŧ		SCOFFER ROOF DRAIN	AR	AREA OF RE	SCUE STATION	١		EMERGENCY OFF BUTTON	-		
			EXG PLUMBING FIXTURE TO BE REMOVED	MJ SJ	MICROPHON	IE JACK ACK		Τ#	TRANSFORMER # DENOTES DESIGNATION	-		
	\square		EXG PLUMBING FIXTURE	P		IT PANIC STATI	ON		REFER TO RISER DIAGRAM			
	\square		PLUMBING FIXTURE		COMBINATIO	DN CLOCK/SPE	AKER	(P) UT	UTILITY POLE UNDERGROUND TELEPHONE	_		
	\bigcirc		FLOOR DRAINS		CLOCK EXISTING TE	ELEPHONE		— т —	OVERHEAD TELEPHONE			
			FLOOR SINK WALL HYDRANT				==	UTV	UNDERGROUND TELEVISION		0 F D	
			FIRE HOSE CABINET		IC - INTERC	OM SOUND SYS	STEM HAND SET 16" AFF	UL	UNDERGROUND LIGHTING	_	S.E.D	. Contro
	٥		UPRIGHT SPRINKLER HEAD	\triangleleft	INTERCOM (CALL SWITCH	-1	L			5.L.D	
	•		PENDANT SPRINKLER HEAD	TV	TELEVISION COMPUTER	OUTLET OUTLET		—_E	OVERHEAD ELECTRIC			
ECTION	•		RECESSED SPRINKLER HEAD	A/V	AUDIO/VIDE			—UC—		_		
	•		SIDEWALL SPRINKLER HEAD		PROJECTOR		Svmbol	Tags	AC = ABOVE CEILING			
									AUX = AUXILLARY CONTACT WP = WEATHERPROOF	_	Rev. No.:	Date:
						ING			WG = WIRE GOARD A = ABOVE (CASEWORK) B = BELOW (CASEWORK)	,		
				F ^{RL} = R		STING	ALL ELEC SYN	MBOLS	H = HORIZONTAL TK = TOE KICK			
				F ^{RE} =R	EPLACE EXIS	TING			TS = TEACHER STATION USB = UNIVERSAL SERIAL BUS	_		
LASTER, PLASTIC OUNDS PER LINEAR FOOT		RL RLG	RAIN LEADER RAIL(ING) BOOM		SW SWCI	SWITCH, SOF	TENED WATER GHT CAST IRON	VE VE	RM VERMICULITE RT VERTICAL			
		RMC RNC	RIGID METAL CONDUIT RIGID NONMETALLIC CONDUIT		SYN SYS	SYNTHETIC SYSTEM	L	VIF	VERIFY IN FIELD		complex wo	orld 🛾
OINT OF CORVATORE, POIN ONNECTION OLISHED		RNT RO ROW	ROUNNING TRAP ROUGH OPENING RIGHT OF WAY		Т	TREAD, TOP, TERRAZZO		S, VN VO	R VENEER L VOLUME	¥		CLEA
OSITIVE OINT OF TANGENCY AIR		RPM RR RS	REVOLUTIONS PER MINUTE REMOVE EXISTING AND REPLAC RUBBER STAIR TREAD/RISER	E WITH NEW	TB TBD	TOP AND BOT TERRAZZO BA TO BE DETER	TOM, TACK BOARD, ASE MINED	, VT VM	R VENT THROUGH ROOF /C VINYL WALL COVERING			
OWER ROOF EXHAUSTER REPARE (ATION) REFORMED		RTH RTU RW	ROOF TOP HOOD ROOF TOP UNIT RAW WATER		тс	TEMPERATUR CLEAR, TELEC	RE CONTROL, TEMPE COMMUNICATIONS R, TOP OF CURB	ERED W WE WC	WEST, WIDTH, WIDE, WASTE, N WET BULB WATER CLOSET WALL COVER	WATT	Tetra Te	ech Engine
ROJECT AINT EXPOSED STRUCTURI OUNDS PER SQUARE FOOT	E/DECK	S SA	SOUTH, SUPPLY, SURGE PROTE	CTED	TCX TDV TEI	TOP CHORD E TRIPLE DUTY TELEPHONE	EXTENTION VALVE	WE WE WE	WOOD, WOOD FLOORING WWINDOW WC WINDOW CONTRACTOR	_	& Lands	scape Arch
OUNDS PER SQUARE INCH OINT, PORCELAIN TILE		SAN SAS	SANITARY SMOOTH ALL SIDES SOLID CORE SILL COCK SEALS		TEMP TG TUV	TEMPERATUR TOP GRILLE, THICKNESS	RE TONGUE AND GROO	VE WC	WASH FOUNTAIN WALL GRILLE, WATER GAUGE			
RESSURE TREATED FIRE R RESSURE TREATED PRESE	ETARDANT RVATIVE	SCHED SCT	SCHEDULE STRUCTURAL CLAY TILE		THR TME	THRESHOLD TO MATCH EX		WF WI	A WATER HAMMER ARRESTOR WROUGHT IRON	1		
AVEMENT OWER WALL EXHAUSTER		SEC	SMOKE DAMPER SECTION	_··	TOD	TOP OF DUCT	IA, TOP OF FOOTING	WN WF G WF	WATER PROOFING, WORKING WATER REPELLENT, WIDE RIB	POINT 9, WALL		IC
UARTZ FLOORING UARRY TILE		SF SGI SGT	STRUCTURAL GLAZED TILE		TOM	TOP OF MASC	ONRY TOP OF PIER	WS WS	WATER STOP CCT WAINSCOT			
ADIUS, RETURN, REFRIGER ETURN AIR	RANT	SH SHR SHT	SHELF, SHELVING, SMOKE HATC SHOWER, SHEAR WALL SHEET	л	TOS TPART TR	TOP OF STEE TOILET PARTI TOP REGISTE	L, TOP OF STAIR ITION R	WT WV WV	WEIGHT VHP WATER TO WATER HEAT PUMP VM WELDED WIRE MESH	P _	Bea	con Cit
ADIATION ETURN AIR FAN, RESILIENT LOORING	ATHLETIC	SHTHG SIM SK	SHEATHING SIMILAR SINK		TRN TS TV	TRANSOM TOP OF STAIF TELEVISION	2	W/ W/	WITH O WITHOUT		Bea	con, Ne
ESILIENT BASE OOFING CONTRACT (OR) ECYCLED CONCRETE AGGE	REGATE	SL SLC SLV	SOUND LINED, SKYLIGHT SILLCOCK SLEEVE		TW TYP	TEMPERED W	ATER, TOP OF WAL	L XH	CI EXTRA HEAVY CAST IRON YARD DRAIN, YARD			
EINFORCED CONCRETE PIE EFLECTED CEILING PLAN EMOTE CONDENSING UNIT	рЕ,	SLVR SMH SOC	STORM LOUVER SANITARY MANHOLE SLAB ON GRADE						, , , , , , , , , , , , , , , , , ,	Σ	Rec	onstruc
CINDENSING UNIT OOF DRAIN ECEPTACLE		SP	STATIC PRESSURE, STANDPIPE, SPACE (ING) (ES)	,	UG UH						Rom	וbout N
EFERENCE EFLECT (ED) (IVE) (OR) EFRIGERATOR		SPEC SPKR SPL	SPECIFICATION (S) SPRINKLER SPECIAL		UNF UNIF UNO	UNFINISHED UNIFORM UNLESS NOTE	ED OTHERWISE				Dea	
EGISTER EINFORCE (D) (ING) EMOVED		SQ SS SST	SQUARE STAINLESS STEEL STRUCTURAL STEEL TUBING		UR UT UV	URINAL UNDERGROUI UNIT VENTILA	ND TELEPHONE			_	Cum	hole er
EQUIRED ESILIENT ETAINING. RETURN		ST STA STC	STORM, STORAGE STATION SHOWER TEMPERATURE CONTR	ROLLFR	V Var	VENT, VOLT	ABLE				Sym	ID SIDAI
EVISION, REVISED, REVEAL UBBER FLOORING	-	STD	STAINED CONCRETE STANDARD SEATING	' \ ,	VARN VAT	VARNISH VINYL ASBES				_	Drawn B	3у: [
OOF HATCH ECESSED FLOOR MAT		STL STN	STAIN (ED)		VAV VB	VACUUM BRE BARRIER, VOI	AKER, VAPOR RETA	ARDER		Z	TTAE	
IGID GALVANIZED STEEL		STRU STRU SURF	STRUCTURAL SURFACE		VCB VCT VD	VENTED COVI VINYL COMPO VOLUME DAM	E BASE DSITE TILE IPER				Project	ייאי: 180_ייי
EHEAT COIL OUGH-IN	i	SUSP SV	SUSPENDED SHEET VINYL, STEAM VENT				I		I		213	
	I		I		I		I		I			





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6 7	8 9 10 11 12 13	14 15 16 17	
Structural Loads:		Code Compliance Review	
ROOF LIVE LOADS PER BCNYS 1607.13 INIMUM ROOF LIVE LOAD	20 PSF	PROJECT LOCATION: 88 MATTEAWAN ROAD, BEACON, NEW YORK 12508	
RAIN LOADS PER BCNYS 1611 AIN INTENSITY, i	2.75 IN/HR	BOUNDED BY MATTEAWAN ROAD TO THE NORTH AND ROBERT CAHILL DRIVE TO THE SOUTH.	
AIN LOAD, R AIN SURCHARGE LOAD HAS BEEN APPLIED TO AREAS WH	16 PSF IERE PONDING OCCURS	THIS PROJECT INCLUDES REPLACEMENT OF 50,350 SF OF THE ROOF.	
ACCORDANCE WITH BCNYS 1611.1.		WORK GENERALLY CONSISTS OF THE FOLLOWING: ALTERATIONS - LEVEL 1 • ROOF REPLACEMENT	
$\frac{SNOW LOADS}{COUND SNOW, P_g} (FIGURE 1608.2)$ AT ROOF SNOW LOAD, Pf (ASCE 7)	30 PSF 23.1 PSF		
NOW EXPOSURE FACTOR, Ce HERMAL FACTOR, Ct NOW LOAD IMPORTANCE FACTOR Lo	1.0 1.0 1.1	BASED ON THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE INCLUDING APPLICABLE	
DDITIONAL SNOW LOADS HAVE BEEN APPLIED TO AREAS	WHERE DRIFTING	2018 ICC CODES AND 2020 BUILDING CODES of NYS, AND ICC A117.1-2017 STANDARD FOR ACCESSIBLE AND m USABLE BUILDINGS AND FACILITIES.	
COURS IN ACCORDANCE WITH BONYS 1608.		REFER TO PROJECT MANUAL FOR REQUIREMENTS STATED IN "NYCRR 155 REGULATIONS OF THE COMMISSIONER OF EDUCATION".	
WIND LOAD DESIGN CRITERIA PER BCNYS 1609 ASIC DESIGN WIND SPEED (3 SECOND GUST), V LOWABLE STRESS DESIGN WIND SPEED Vord	121 MPH 93 7 MPH	ENERGY CODE DUTCHESS COUNTY - CLIMATE ZONE 5A	
SK CATEGORY KPOSURE CATEGORY		BUILDING DATA: BUILDING: ROMBOUT MIDDLE SCHOOL	
SEISMIC DESIGN CRITERIA PER BCNYS 1613	+/- 0.18	88 MATTEAWAN ROAD BEACON, NY 12508	
SK CATEGORY EISMIC IMPORTANCE FACTOR, Ie APPED SPECTRAL RESPONSE ACCELERATION	111 1.25	DESCRIPTION: TWO STORY MASONRY AND REINFORCED	
AT SHORT PERIODS, Ss AT 1 SECOND PERIODS, S1	23.2 %g 5.7 %g	CONCRETE BUILDING.	
ESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIODS, S _{DS}	24.8 %g MACHINE RM	YEAR BUILT: 1962	
AT 1 SECOND PERIODS, S _{D1} EISMIC DESIGN CATEGORY	9.1 %g B	2ND FLOOR 22,920 SQFT	
	CLASS	TOTAL GROSS AREA= 130,105 SQFT	
	D139 D140 795 SF 823 SF	CODE DATA SUMMARY:	
		COMPLIANCE WITH CODES IN EXISTENCE AT THAT TIME.	
	CLASS CORR CLASS	USE GROUP: E : EDUCATION	
	D IST D D IST 768 SF 798 SF	EXISTING: IIB	
		FIRE SAFETY: AN AUTOMATIC SPRINKLER SYSTEM IS NOT PROVIDED	
	CLASS CLASS	2018 IEBC CODES AND 2020 EXISTING BUILDING CODE of NYS	
	770 SF 792 SF	301.1.2 WORK AREA COMPLIANCE METHOD CHAPTER 5 - CLASSIFICATION OF WORK	
	BOYS CLASS	503ALTERATION - LEVEL 1 (CHAPTER 7)504ALTERATION - LEVEL 2 (CHAPTER 8)	
		NEW CONSTRUCTION WILL COMPLY WITH REQUIREMENTS OF 2018 ICC CODES AND 2020 BUILDING CODES of NYS	
		ц.	
	GIRLS		
	CLASS D132		
	NURSE FAC PREP OFFICE OFFICE OFFICE C133 - 124 SE 124 SE 245 SE	GIRLS BOYS	
	460 SF 272 SF DATA GUIDANCE TOILET - C132 98 SE	C	
	TOILET CORR ELEC STOR AND	ASSIST PRINCIPAL	
<	- C - 128 SF MEDIA	A102 124 SE COMP LAB COMP LAB COMP LAB	
	STAFF MAIN OFFICE A100 A101b CENTER 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A104 OFFICE 1195 SF 0403 0403 0403	
	STOR STOR OFFICE Zoor Si 502 SF C127a 832 SF A101c	163 SF 249 SF 186 SF	
JAN -	58 SF MEN OFFICE C131a	ELEC STOR a106b A106a	
	- 244 SF		F
M	STORE - CLASS	ART CLASS	
2 ^{SF} <u>TOILET</u>	MECH 743 SF	A108 984 SF	k
	C127 61 SF 4921 SF) <u> </u>
	CLASS C128		۲ مr
	196 SE		
T II	CLASS C126		
I	728 SF STODENT B123	SM GROUP A110 A109 A112 964 SF 1272 SF	
I	CLASS 251 SF	238 SF Rev. No.: D	Date:
	C125 930 SF	STOR OF WOMEN	
	TOILET STOR OFFICE PREP PREP PREP	REP STOR 172 SF MEN	
	GEN SCI B124 GEN SCI B124 GEN SCI B122 B120 B120 B120 B120 B120 B120 B120	- GEN SCI GEN SCI 332 SF	
	FZR FIEC CI23c 1023 SF PREP 704 SF 740 SF PR	REP 715 SF 744 SF PREP DATA - - - -	
	- 124 SF 124 SF 122	2 SF JAN COBB 921 SF complex world ∎	•
			CL
FREEZER	OFFICE E144b		
- READING 368 SF E148 Tot of	TECH.L 144a166 SFBOILERCUSTGEN SCI173 SFGEN SCICLASSE146E142E142aE142aB121B119B117	CLASS Image: C	Enç pe A
F150 764 SF 1 152 SF 1 1	OUDI SF FKINCIPAL 1500 SF 167 SF 945 SF GROW 889 SF 743 SF	743 SF GIRLS BOYS	
MEN CORR			
			C
	COMP LAB TECH		
MUSICMUSICCLASSE151E149E147870.SE992.05205.05	CLASS E143 E141 E145 751 SF 1060 SF	– Beaco	
010 01 002 OF 835 SF		Beaco	'n,

1 First Floor Key Plan











6 7 8 9	10 11 12 EXISTING CONDITIONS: 1. THE FOLLOWING CONDITIONS WERE OBSERVED DURING TEST CUT	Legend	14 (2011-05) arch-rflgnd	15 16 17 - Roof Key Notes 17	General Re-I
	ANALYSIS AT AREAS INDICATED FOR ROOF REPLACEMENT. THE CONTRACTOR IS RESPONSIBLE TO VERIFY EXISTING CONDITIONS AND PROVIDE A COMPLETE REMOVAL OF ALL MATERIALS ABOVE THE ROOF DECK.		AREA OF TAPERED INSULATION (TYP).	 EXISTING VENT PIPE PENETRATION (VIF) - SEE DETAIL 1/ZA190. PROVIDE ROOF DRAIN INSERT AT EXISTING ROOF DRAIN - SEE 	A. DRAWINGS ARE F INDICATE ALL FIE B. VERIFY IN FIELD I
	 TYPICAL AT ('F' WING) SIXTH GRADE GYM ROOF AREAS - REFER TO PLAN TEST CUT LOCATION #1: FULLY ADHERED EPDM MEMBRANE. 		EXISTING ROOF AREA - NO WORK	 DETAIL 8/ZA190. TAPERED INSULATION CRICKET (TYP) SLOPE 1/2"/FT. TYP ALL SIDES. VERIFY LENGTH IN FIELD. WIDTH AS INDICATED ON PLAN 	PENETRATIONS <u>F</u> DRAWINGS. C. INSPECT ROOF D
	 POLYISOCYANURATE INSULATION – THICKNESS 4" – MECHANICALLY ATTACHED. DENS-DECK – ½". CORRUGATED METAL ROOF DECK – STRUCTURALLY SLOPED. 	×	ROOF DRAIN INSERT IN EXISTING ROOF DRAIN (TYP). PROVIDE TAPERED SUMP.	AND TYPICAL AT ALL CURB PENETRATIONS. - - - - - - - - - - - - -	THAT EXISTING M ARCHITECT IMME MATERIALS ARE I
	 3. TYPICAL AT ('F' WING) MAIN GYM, ROOF AREAS - REFER TO PLAN TEST CUT LOCATIONS #2 AND #3: FULLY ADHERED EPDM MEMBRANE 	<mark>→ S</mark> S	DIRECTION OF DOWNWARD SLOPE OF SLOPED STRUCTURE.	AREA. EXTEND/RAISE CURB, DUCTS, PIPES, CONDUITS, ETC. TO MAINTAIN REQUIRED HEIGHT ABOVE FINISHED ROOF. REINSTALL, RECONNECT AND RESTART EQUIPMENT. PROVIDE MECHANICAL ATTACHMENT. COORDINATE SHUTDOWN WITH	D. PROVIDE COMPL ITEMS NOT SCHE DURING ROOFING
	 TAPERED POLYISOCYANURATE INSULATION – THICKNESS VARIES BETWEEN 3" TO 6" – MECHANICALLY ATTACHED. TAR PAPER. CORPUGATED METAL BOOF DECK _ FLAT 	_ <u>E</u> J _	ROOF HATCH EXPANSION JOINT (TYP).	OWNER SEE DETAIL 2/ZA190. [™] 5 EXISTING WALL MOUNTED LADDER, REMOVE, PREPARE PRIME AND PAINT WITH 'GRAY' HIGH PERFORMANCE COATING AND	E. MAINTAIN WATER F. PROVIDE ROOFIN INDICATED BY TH
	 CORROGATED METAL ROOF DECK - FLAT. TYPICAL AT ('E' AND 'F' WINGS) LOW ROOF AREAS (EXCEPT BOILER ROOM AREA) - REFER TO PLAN TEST CUT LOCATIONS #4, #5 AND #6: 	TAPER 1/8"/FT	DIRECTION AND DEGREE OF DOWNWARD SLOPE OF TAPERED INSULATION (MINIMUM 1/8"/FT, TYP).	 REINSTALL - SEE DETAIL 11/ZA190. 6 EXISTING CONDENSER ON SUPPORT RAILS. SHUTDOWN, DISCONNECT, REMOVE FOUIPMENT AND SUPPORTS, STORE 	G. WORK INCLUDES MATERIALS, INCL CANTS FLASHING
	 FULLY ADHERED EPDM MEMBRANE. TAPERED POLYISOCYANURATE INSULATION – THICKNESS VARIES BETWEEN 3" TO 5" – MECHANICALLY ATTACHED. TAR PAPER. 	OR	DIRECTION OF DOWNWARD SLOPE OF TAPERED INSULATION CRICKET (1/2"/FT, TYP UNO).	EQUIPMENT IN PROTECTED AREA. REINSTALL CONDENSING UNIT ON NEW SUPPORT RAILS. PROVIDE MECHANICAL ATTACHMENT AT ALL MOUNTS. EXTEND PIPES, CONDUITS, ETC. TO PROVIDE REQUIRED HEIGHT ABOVE EINISHED POOL PROVIDE ALL	VAPOR BARRIERS (UNO). THOROUG PREPARE AND PR
	 CORRUGATED METAL ROOF DECK – FLAT. 5. TYPICAL AT ('E' WING) LOW ROOF AREA (OVER BOILER ROOM AREA) - REFER TO PLAN TEST CUT LOCATION #8: 	+X" +X" =	TOTAL THICKNESS OF INSULATION. TOTAL THICKNESS OF AREA OF FLAT INSULATION.	REFRIGERANT WORK IN ACCORDANCE WITH ASHRAE 15. EVACUATE AND RECLAIM REFRIGERANT R 407 AND SAVE FOR REINSTALLATION. BREAK VACUUM WITH DRY NITROGEN	H. ONCE EXPOSED BLOCKING WITH
	 FULLY ADHERED EPDM MEMBRANE. TAPERED POLYISOCYANURATE INSULATION – THICKNESS VARIES BETWEEN 3" TO 5" – ADHERED/MECHANICALLY ATTACHED. TAR PAPER. 	RS-X	ROOF SYSTEM TYPE RS-X.	PROMPTLY ADVISE OWNER OF DISCREPANCIES BETWEEN RECOVERED CHARGE AND MANUFACTURER'S RECOMMENDED CHARGE. CUT OUT SECTIONS OF REFRIGERANT PIPING AND	J. REMOVE AND LEC
	 CONCRETE ROOF DECK. TYPICAL AT ('E' WING) LOW ROOF AREA (OVER CENTER AND EAST ADDITIONS) - REFER TO PLAN TEST CUT LOCATION #7: 	w	WALKWAY PAD (TYP). PIPE PENETRATION (TYP).	REMOVE ELECTRICAL AND CONTROL WIRING AS REQUIRED. REMOVE, WHERE APPLICABLE, AND PROVIDE NEW IN ALL LOCATIONS WITH PROPERLY SIZED FILTER DRYERS AND SITE GLASSES AT ALL REPIPED UNITS. REPIPE COMPLETE, EVACUATE	K. REMOVE EXISTIN HATCHES, PIPING
	 FULLY ADHERED EPDM MEMBRANE. POLYISOCYANURATE INSULATION – THICKNESS 4" – MECHANICALLY ATTACHED. POLY 		ROOF CURB-MOUNTED VENITLATOR (TYP).	AND TEST PIPING AND RECHARGE WITH ORIGINAL REFRIGERANT PLUS ANY ADDITIONAL REFRIGERANT REQUIRED FOR PROPER CHARGE AS RECOMMENDED BY MANUFACTURER. INSULATE REFRIGERANT SUCTION LINES WITH 1 1/2" WALL ARMAFLEX م	ITEMS ON OR AD SCHEDULED WOR PRESERVATIVE-T OBTAIN ROOFING
	 CORRUGATED METAL ROOF DECK – STRUCTURALLY SLOPED. 7. TYPICAL AT ('B' WING) HIGH ROOF AREA - REFER TO PLAN TEST CUT LOCATIONS 			INSULATION AND PVC JACKET. EXTEND AND RECONNECT POWER AND CONTROL WIRING AS REQUIRED AND RESTART UNIT USING MANUFACTURE'S RECOMMENDED STARTUP PROCEDURES, RETURNING UNIT TO NORMAL, PRE-ROOFING	THAN MINIMUM 8 DUCTWORK, PIPI REQUIRED, AND F INSTALLATION, M
	 #9, #10 AND #11: FULLY ADHERED EPDM MEMBRANE. TAPERED POLYISOCYANURATE INSULATION – THICKNESS VARIES BETWEEN 27 TO 67 – MECHANICALLY ATTACHED 		CURB MOUNTED EQUIPMENT	 WORK OPERATION. SEE DETAIL 3/ZA190. REPLACE EXPANSION JOINT AT EXISTING LOCATION, HEIGHT AS REQUIRE TO ACCOMMODATE ROOF THICKNESS - SEE DETAIL 	PLUMBING CONN MECHANICAL, ELI COORDINATE SC
	 TAR PAPER. CORRUGATED METAL ROOF DECK – FLAT. 		WALL MOUNTED LADDER	 18/ZA190. RAISE EXISTING THROUGH-WALL FLASHING AND PROVIDE BASE/COUNTER FLASHING - SEE DETAIL 14/ZA190 	L. EXTEND ALL VEN HEIGHT ABOVE S
			PIPE OVER ROOF ON SUPPORTS	9 FLASH INTO EXISTING FULLY ADHERED EPDM ROOF SYSTEM TO COMPLY WITH ALL MANUFACTURE'S WARRANTY REQUIREMENTS - SEE DETAIL 10/74190 SIMILAR	N. AT ROOF DRAIN L
			ABANDONED CURB TO BE REMOVED AND INFILLED EXISTING MASONRY CHIMNEY	(10) EXISTING WALL MOUNTED LADDER, MODIFY LENGTH OF BOTTOM SIDERAILS TO AVOID CONTACT WITH ROOF SYSTEM.	BEFORE BEGINNI ARE CLEAR AND OBSTRUCTIONS
		 #X	TEST CUT LOCATION, REFER TO EXISTING CONDITIONS NOTES	 PROVIDE ADHERED WALK PADS - SEE DETAIL 4/ZA190. EXISTING WALL MOUNTED LADDER, REMOVE AND REINSTALL 	P. DO NOT DISTURB
				 WITH TOP RONG ALIGNED WITH TOP OF FASCIA, MODIFY BRACKET LOCATIONS AS REQUIRED - SEE DETAIL 11/ZA190. PROVIDE FIXED LADDER SAFETY RAILING SYSTEM ON ADHERED^{LL} 	ALL WORK REQU SYSTEM MANUFA
				 WALK PADS, MECHANICALLY ATTACHED TO LADDER HANDRAILS. EXISTING PIPE CURB ASSEMBLY. REMOVE EXISTING AND PROVIDE NEW PIPE CURB ASSEMBLY. SEE NOTE 6 AND DETAIL 	Q. MAINTAIN CONST BY ADJUSTING LA BLOCKING TO MA
				5/ZA190. (15) EXISTING FLEXIBLE PENETRATION, PROVIDE SEALER BOX - SEE DETAIL 6/ZA190.	-
				 PIPE/DUCT PENETRATION - SEE DETAIL 7/ZA190. EXISTING ANTENNA, REMOVE, PROTECT AND REINSTALL - VIF. 	
				18 ROOF VERTICAL TRANSITION DETAIL, APPROXIMATE HEIGHT INDICATED ON PLAN – SEE DETAIL 12/ZA190.)
4 7A101 TYP AT SOFFIT	24) LINE OF SOFFIT BELOW, TYP		EXISTING ROOF	 ABANDONED PENETRATION, APPROXIMATE DIMENSIONS INDICATED ON PLAN (VIF), REMOVE CURB AND PROVIDE ROOF DECK OPENING INFILL – SEE DETAIL 9/ZA190. 	
		a station and a station of the stati		20 ABANDONED MECHANICAL UNIT, APPROXIMATE DIMENSIONS INDICATED ON PLAN (VIF), DISCONNECT AND CAP ALL CONNECTIONS BELOW DECK, REMOVE EXISTING MECHANICAL	
	$\frac{1}{2} = \frac{1}{2} = \frac{1}$			21 REMOVE EXISTING INSERT DRAIN AND PROVIDE ROOF DRAIN	
				 HORIZONTAL PIPING OR CONDUIT ON PIPE SUPPORTS OVER ROOF TO REMAIN, REMOVE EXISTING SUPPORTS AND PROVIDE 	
14	14	14		PREPARE, PRIME AND PAINT PIPES WITH 'GRAY' HIGH PERFORMANCE COATING EXTENDING CONTINUOUS OVER ROOF EDGE TO GROUND	- Kev
				23 PROVIDE FASCIA SUMP WITH DOWNSPOUT ATTACHED TO COLUMN, BOTTOM ELBOW AND SPLASH BLOCK AT GRADE – SEE DETAILS 16/ZA190 AND 17/ZA190.	N.T.S.
			13	24 REMOVE EXISTING SOFFIT PANELS AND TRIM, PROVIDE CONTINUOUS METAL PANEL SOFFIT SYSTEM	S.E.D. Contro
				25 EXISTING THROUGH-WALL OVERFLOW SCUPPER AND WALL MOUNTED SUMP, INFILL WALL OPENING AND PROVIDE THROUGH-WALL OVERFLOW SCUPPER WITH FULLY WELDED WALL SLEEVE WITH PROJECTING EXTERIOR DRIP EDGE AT 2"	
			(4) (4)	ABOVE ROOF ELEVATION. FLASH ROOF MEMBRANE INTO SLEEVE (26) REMOVE EXISTING HATCH AND PROVIDE HATCH AND SAFETY	Rev. No.: Date: De
3) #10			13.66 13.66	RAILING SYSTEM. APPROXIMATE DIMENSIONS INDICATED ON PLAN (VIF) - SEE DETAIL 3/ZA191.	
	+5.0" TYP		3 3 HI +5.0"	 THROUGH-WALL FLASHING - SEE DETAIL 24/ZA190. ROOF VERTICAL TRANSITION DETAIL WITH FASCIA AT UPPER ROOF LEVEL APPROXIMATE HEIGHT INDICATED ON PLAN - SEE 	
				DETAIL 1/ZA191.	
			[+1/8"/⊢1 +6"	¥	complex world CLEAR
					Totro Toch Enginoo
			ZA191 TYP	-	- & Landscape Archite
	$ \mathbf{F} \neq -1$	L			
9		_	24)	L	
				-	Beacon City
	24)				Beacon, Nev
				Σ	Reconstruct Rombout Mi
(1) <u>Koot Plan - Area B</u> 1/8" = 1'-0"				-	Roof Plan A
				z	Drawn By: Da TLG 12
					Project No.: 279180-220
			1		



ND REFERENCED DETAILS FOR WORK REQUIRED. NING CONSTRUCTION, VERIFY ALL ROOF DRAINS D IN WORKING ORDER. REPORT ANY S TO ARCHITECT AND OWNER PRIOR TO F REMOVAL.

RB OR OVERBURDEN EXISTING ROOF AREAS THAT DULED FOR WORK. THIS INCLUDES HIGH FOOT S OF ACCESS AND WORK PREPARATION AREAS. UIRED SHALL COMPLY WITH EXISTING ROOF FACTURER'S WARRANTY REQUIREMENTS.

STANT ROOF EDGE DATUM AND FASCIA HEIGHTS. LAYERS AND THICKNESS OF CONTINUOUS WOOD ATCH ADJACENT INSULATION THICKNESSES (VIF).





12	13		14	l	15		16		17		
-	Legend			(2011-05) arch-rflgnd	<u>Ro</u>	of Key No	tes				<u>General Re-Roofing Notes</u>
		AREA OF TA	APERED INSULATION (TYP).			EXISTING VENT I	PIPE PENETRATIO	ON (VIF) - SEE	DETAIL 1/ZA190.		A. DRAWINGS ARE REPRESENTATIVE, AND MAY NOT EXACTLY INDICATE ALL FIELD CONDITIONS.
=					2	PROVIDE ROOF DETAIL 8/ZA190.	DRAIN INSERT AT	EXISTING RO	OOF DRAIN - SEE	A	B. VERIFY IN FIELD LOCATIONS OF ALL EXISTING ROOF DRAINS PENETRATIONS <u>PRIOR TO FIRST SUBMITTAL</u> OF SHOP DRAWINGS
AN		EXISTING R	OOF AREA - NO WORK		(3)	TAPERED INSUL SIDES. VERIFY LI AND TYPICAL AT	ATION CRICKET (ENGTH IN FIELD. ALL CURB PENE	TYP) SLOPE 1/ WIDTH AS IND TRATIONS.	/2"/FT. TYP ALL DICATED ON PLAN	N	C. INSPECT ROOF DECK PRIOR TO ROOFING INSTALLATION. VE THAT EXISTING MATERIALS ARE SOLID AND SECURE. NOTIF
		ROOF DRAI PROVIDE TA	N INSERT IN EXISTING ROOF DF APERED SUMP.	rain (typ).	4	EXISTING MECH	ANICAL EQUIPME EMOVE AND STO	NT ON CURB, RE EQUIPMEN	SHUTDOWN, NT IN PROTECTED		ARCHITECT IMMEDIATELY IF DETERIORATED OR LOOSE MATERIALS ARE DISCOVERED.
CUT	S S	DIRECTION STRUCTUR	OF DOWNWARD SLOPE OF SLO E.	DPED		AREA. EXTEND/F MAINTAIN REQU REINSTALL, REC MECHANICAL AT	RAISE CURB, DUC IRED HEIGHT ABC CONNECT AND RE TACHMENT. COC	TS, PIPES, CO DVE FINISHED START EQUIP RDINATE SHU	DNDUITS, ETC. TO ROOF. MENT. PROVIDE JTDOWN WITH)	D. PROVIDE COMPLETE ROOFING INSTALLATION. REPAIR ALL ITEMS NOT SCHEDULED FOR WORK THAT ARE DAMAGED DURING ROOFING WORK.
		ROOF HATC	СН			OWNER SEE DE	TAIL 2/ZA190.			В	E. MAINTAIN WATERTIGHT CONDITIONS AT ALL TIMES.
WEEN	EJ	EXPANSION	I JOINT (TYP).		5	EXISTING WALL AND PAINT WITH REINSTALL - SEE	MOUNTED LADDE I 'GRAY' HIGH PEF DETAIL 11/7A19	ER, REMOVE, F RFORMANCE (PREPARE PRIME COATING AND		F. PROVIDE ROOFING SYSTEMS AND ALL RELATED COMPONEN INDICATED BY THE CONTRACT DOCUMENTS.
OM	TAPER 1/8"/FT	DIRECTION	AND DEGREE OF DOWNWARD NSULATION (MINIMUM 1/8"/FT, TY	SLOPE OF YP).	6	EXISTING CONDI DISCONNECT, RI EQUIPMENT IN P	ENSER ON SUPPO EMOVE EQUIPME PROTECTED AREA	ORT RAILS. SH NT AND SUPP A. REINSTALL (HUTDOWN, PORTS. STORE CONDENSING UN	<u>и</u> т	G. WORK INCLUDES BUT IS NOT LIMITED TO REMOVAL OF ROOM MATERIALS, INCLUDING MEMBRANE, INSULATION, BLOCKING CANTS, FLASHING, FASCIA, UNDER- AND OVERLAYMENT BO VAPOR BARRIERS AND RELATED ITEMS DOWN TO ROOF DEC
WEEN	OR	DIRECTION	OF DOWNWARD SLOPE OF TAP N CRICKET (1/2"/FT, TYP UNO).	PERED		AT ALL MOUNTS REQUIRED HEIG	. EXTEND PIPES, HT ABOVE FINISH	CONDUITS, ET IED ROOF. PR	C. TO PROVIDE		(UNO). THOROUGHLY CLEAN ROOF DECK OF ALL DEBRIS, PREPARE AND PRIME TO ACCEPT ROOFING MATERIALS INDICATED.
	+X"	TOTAL THIC	CKNESS OF INSULATION.			EVACUATE AND	RECLAIM REFRIG	ERANT R 407	AND SAVE FOR	ပ	H. ONCE EXPOSED TO VIEW, FIELD VERIFY CONDITION OF EXIS
	+X" FLAT	TOTAL THIC	KNESS OF AREA OF FLAT INSU	LATION.		HOLDING CHARC	SE. WEIGHT RECL	M WITH DRY N _AIMED REFRI	IGERANT AND		BLOCKING WITH ARCHITECT AND OWNER. IF DEEMED TO BE SERVICEABLE CONDITION. BLOCKING MAY BE PERMITTED TO
WEEN	RS-X	ROOF SYST	EM TYPE RS-X.			PROMPTLY ADVI RECOVERED CH CHARGE. CUT O	ISE OWNER OF D IARGE AND MANL UT SECTIONS OF	ISCREPANCIES JFACTURER'S REFRIGERAN	S BETWEEN RECOMMENDED IT PIPING AND		REMAIN. UPON RECEIPT OF AN ACCEPTABLE CREDIT.
	W	WALKWAY I	PAD (TYP).			REMOVE ELECTI REMOVE, WHER LOCATIONS WIT	RICAL AND CONT E APPLICABLE, A H PROPERLY SIZI	ROL WIRING A ND PROVIDE N ED FILTER DR`	AS REQUIRED. NEW IN ALL YERS AND SITE	-	FOR DEMOLITION.
	● OR ○	PIPE PENET	FRATION (TYP).			GLASSES AT ALL AND TEST PIPINO PLUS ANY ADDIT	_ REPIPED UNITS. G AND RECHARG TONAL REFRIGEF	. REPIPE COMI E WITH ORIGIN RANT REQUIRE	PLETE, EVACUAT NAL REFRIGERAN ED FOR PROPER	TE NT	HATCHES, PIPING, WIRING, CONDUITS AND MISCELLANEOUS ITEMS ON OR ADJACENT TO THE ROOF THAT IS IMPACTED B SCHEDULED WORK (TYP, UNO), RAISE EXISTING CURBS WIT
			3-MOUNTED VENITLATOR (TYP)			CHARGE AS REC REFRIGERANT S INSULATION AND POWER AND CO UNIT USING MAN	COMMENDED BY I SUCTION LINES W D PVC JACKET. EX NTROL WIRING A	MANUFACTUR ITH 1 1/2" WAL KTEND AND RE S REQUIRED A COMMENDED	RER. INSULATE LL ARMAFLEX ECONNECT AND RESTART STARTUP	Ω	PRESERVATIVE-TREATED WOOD BLOCKING AS REQUIRED T OBTAIN ROOFING WARRANTY SPECIFIED, BUT TO BE NOT LE THAN MINIMUM 8" ABOVE FINISHED ROOF. EXTEND EXISTING DUCTWORK, PIPING AND ELECTRICAL CONNECTIONS AS BEOLIDED, AND REINSTALL ALL COMPMENT AFTER POOF
	HVAC	EQUIPMEN	T ON EQUIPMENT SUPPORTS (T	YP).	\bigcirc	PROCEDURES, F WORK OPERATIO	RETURNING UNIT ON. SEE DETAIL 3	TO NORMAL, I 3/ZA190.	PRE-ROOFING		INSTALLATION, MAKING PROPER MECHANICAL, ELECTRICAL PLUMBING CONNECTIONS. PROVIDE FOR TEMPORARY MECHANICAL, ELECTRICAL AND PLUMBING DISCONNECTS.
WEEN	HVAC	CURB MOU	NTED EQUIPMENT		(7)	REPLACE EXPAN REQUIRE TO ACC 18/ZA190.	NSION JOINT AT E COMMODATE RO	XISTING LOCA	ATION, HEIGHT AS S - SEE DETAIL	s —	COORDINATE SCHEDULING OF DISRUPTIONS WITH OWNER.L. EXTEND ALL VENTS AS REQUIRED TO MAINTAIN MINIMUM 18
		WALL MOU	NTED LADDER		8	RAISE EXISTING BASE/COUNTER	THROUGH-WALL FLASHING - SEE	FLASHING AN DETAIL 14/ZA	ND PROVIDE A190.		HEIGHT ABOVE SURFACE OF FINISHED ROOF (VIF).M. WOOD BLOCKING SHALL BE PRESERVATIVE-TREATED (PTP).
		PIPE OVER	ROOF ON SUPPORTS		9	FLASH INTO EXIS	STING FULLY ADH	IERED EPDM F E'S WARRANT	ROOF SYSTEM TO	сш	 FASTENERS TO BE STAINLESS STEEL SCREW-TYPE. N. AT ROOF DRAIN LOCATIONS, REFER TO SPECIFIC NOTES ON
		ABANDONE	D CURB TO BE REMOVED AND	INFILLED	10	EXISTING WALL		ER, MODIFY LE	ENGTH OF BOTTO	ом	ROOF PLANS AND REFERENCED DETAILS FOR WORK REQUI BEFORE BEGINNING CONSTRUCTION, VERIFY ALL ROOF DRA ARE CLEAR AND IN WORKING ORDER. REPORT ANY
		EXISTING M	IASONRY CHIMNEY							_	BEGINNING ROOF REMOVAL.
	 #X	TEST CUT L NOTES	OCATION, REFER TO EXISTING	CONDITIONS	(11)	EXISTING WALL	MOUNTED LADDE ALIGNED WITH T	ER, REMOVE A	AND REINSTALL A, MODIFY		P. DO NOT DISTURB OR OVERBURDEN EXISTING ROOF AREAS ARE NOT SCHEDULED FOR WORK. THIS INCLUDES HIGH FOO TRAFFIC, POINTS OF ACCESS AND WORK PREPARATION ARE
					(13)	BRACKET LOCAT	TIONS AS REQUIF	RED - SEE DET. RAILING SYST	'AIL 11/ZA190. FEM ON ADHEREI	ᅟᄔ	ALL WORK REQUIRED SHALL COMPLY WITH EXISTING ROOF SYSTEM MANUFACTURER'S WARRANTY REQUIREMENTS.
					14	WALK PADS, ME	CHANICALLY ATT	REMOVE EXIS		S.	Q. MAINTAIN CONSTANT ROOF EDGE DATUM AND FASCIA HEIG BY ADJUSTING LAYERS AND THICKNESS OF CONTINUOUS W BLOCKING TO MATCH ADJACENT INSULATION THICKNESSES
					\frown	5/ZA190.	IFE OUKB ASSEN	IDLI. SEE NUI			

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REINSTALL, RECONNECT AND RESTART EQUIPMENT. PROVIDE MECHANICAL ATTACHMENT. COORDINATE SHUTDOWN WITH OWNER SEE DETAIL 2/ZA190.	в	_	
EXISTING WALL MOUNTED LADDER, REMOVE, PREPARE PRIME AND PAINT WITH 'GRAY' HIGH PERFORMANCE COATING AND		Е. F.	
REINSTALL - SEE DETAIL 11/ZA190. EXISTING CONDENSER ON SUPPORT RAILS. SHUTDOWN, DISCONNECT, REMOVE EQUIPMENT AND SUPPORTS. STORE EQUIPMENT IN PROTECTED AREA. REINSTALL CONDENSING UNIT ON NEW SUPPORT RAILS. PROVIDE MECHANICAL ATTACHMENT		G.	WORK INC MATERIAL CANTS, FL VAPOR BA
AT ALL MOUNTS. EXTEND PIPES, CONDUITS, ETC. TO PROVIDE REQUIRED HEIGHT ABOVE FINISHED ROOF. PROVIDE ALL REFRIGERANT WORK IN ACCORDANCE WITH ASHRAE 15. EVACUATE AND RECLAIM REFRIGERANT R 407 AND SAVE FOR	с	H.	ONCE EXF
REINSTALLATION. BREAK VACUUM WITH DRY NITROGEN HOLDING CHARGE. WEIGHT RECLAIMED REFRIGERANT AND PROMPTLY ADVISE OWNER OF DISCREPANCIES BETWEEN RECOVERED CHARGE AND MANUFACTURER'S RECOMMENDED CHARGE, CUT OUT SECTIONS OF REFRIGERANT PIPING AND			BLOCKING SERVICEA REMAIN. U
REMOVE ELECTRICAL AND CONTROL WIRING AS REQUIRED. REMOVE, WHERE APPLICABLE, AND PROVIDE NEW IN ALL LOCATIONS WITH PROPERLY SIZED FILTER DRYERS AND SITE GLASSES AT ALL REPIPED UNITS. REPIPE COMPLETE, EVACUATE	_	у. К.	FOR DEMO
AND TEST PIPING AND RECHARGE WITH ORIGINAL REFRIGERANT PLUS ANY ADDITIONAL REFRIGERANT REQUIRED FOR PROPER CHARGE AS RECOMMENDED BY MANUFACTURER. INSULATE REFRIGERANT SUCTION LINES WITH 1 1/2" WALL ARMAFLEX INSULATION AND PVC JACKET. EXTEND AND RECONNECT POWER AND CONTROL WIRING AS REOLURED AND RESTART	Δ		ITEMS ON SCHEDULI PRESERV/ OBTAIN RO THAN MINI
UNIT USING MANUFACTURE'S RECOMMENDED STARTUP PROCEDURES, RETURNING UNIT TO NORMAL, PRE-ROOFING WORK OPERATION. SEE DETAIL 3/ZA190.			REQUIREE INSTALLAT PLUMBING MECHANIC
REPLACE EXPANSION JOINT AT EXISTING LOCATION, HEIGHT AS REQUIRE TO ACCOMMODATE ROOF THICKNESS - SEE DETAIL 18/ZA190.		L.	COORDINA EXTEND A HEIGHT AB
RAISE EXISTING THROUGH-WALL FLASHING AND PROVIDE BASE/COUNTER FLASHING - SEE DETAIL 14/ZA190. FLASH INTO EXISTING FULLY ADHERED EPDM ROOF SYSTEM TO	ш	M.	WOOD BLO FASTENEF
COMPLY WITH ALL MANUFACTURE'S WARRANTY REQUIREMENTS - SEE DETAIL 10/ZA190 SIMILAR.	I	N.	AT ROOF I ROOF PLA BEFORE B
SIDERAILS TO AVOID CONTACT WITH ROOF SYSTEM.			ARE CLEA OBSTRUC BEGINNIN
EXISTING WALL MOUNTED LADDER, REMOVE AND REINSTALL WITH TOP RUNG ALIGNED WITH TOP OF FASCIA, MODIFY BRACKET LOCATIONS AS REQUIRED - SEE DETAIL 11/ZA190.		P.	DO NOT D ARE NOT S TRAFFIC, F ALL WORK
PROVIDE FIXED LADDER SAFETY RAILING SYSTEM ON ADHERED WALK PADS, MECHANICALLY ATTACHED TO LADDER HANDRAILS.	ш	Q.	MAINTAIN BY ADJUS
PROVIDE NEW PIPE CURB ASSEMBLY. REMOVE EXISTING AND PROVIDE NEW PIPE CURB ASSEMBLY. SEE NOTE 6 AND DETAIL 5/ZA190.			BLOCKING
EXISTING FLEXIBLE PENETRATION, PROVIDE SEALER BOX - SEE DETAIL 6/ZA190. PIPE/DUCT PENETRATION - SEE DETAIL 7/ZA190.			
EXISTING ANTENNA, REMOVE, PROTECT AND REINSTALL - VIF.	U		
ABANDONED PENETRATION, APPROXIMATE HEIGHT ABANDONED PENETRATION, APPROXIMATE DIMENSIONS			
NDICATED ON PLAN (VIF), REMOVE CURB AND PROVIDE ROOF DECK OPENING INFILL – SEE DETAIL 9/ZA190. ABANDONED MECHANICAL UNIT, APPROXIMATE DIMENSIONS INDICATED ON PLAN (VIF), DISCONNECT AND CAP ALL CONNECTIONS BELOW DECK, REMOVE EXISTING MECHANICAL			
UNIT AND CURB AND PROVIDE ROOF DECK OPENING INFILL – SEE DETAIL 9/ZA190. REMOVE EXISTING INSERT DRAIN AND PROVIDE ROOF DRAIN	т		
HORIZONTAL PIPING OR CONDUIT ON PIPE SUPPORTS OVER			F
ROOF TO REMAIN, REMOVE EXISTING SUPPORTS AND PROVIDE SUPPORTS ON ADHERED WALK PADS – SEE DETAIL 13/ZA190. PREPARE, PRIME AND PAINT PIPES WITH 'GRAY' HIGH PERFORMANCE COATING EXTENDING CONTINUOUS OVER ROOF EDGE TO GROUND	_		
PROVIDE FASCIA SUMP WITH DOWNSPOUT ATTACHED TO COLUMN, BOTTOM ELBOW AND SPLASH BLOCK AT GRADE – SEE DETAILS 16/ZA190 AND 17/ZA190.	_		
REMOVE EXISTING SOFFIT PANELS AND TRIM, PROVIDE CONTINUOUS METAL PANEL SOFFIT SYSTEM		S.E	:.D. Co
MOUNTED SUMP, INFILL WALL OVERFLOW SCOPPER AND WALL MOUNTED SUMP, INFILL WALL OPENING AND PROVIDE THROUGH-WALL OVERFLOW SCUPPER WITH FULLY WELDED WALL SLEEVE WITH PROJECTING EXTERIOR DRIP EDGE AT 2" ABOVE ROOF ELEVATION. FLASH ROOF MEMBRANE INTO SLEEVE	_	· · · · · · · · · · · · · · · · · · ·	
REMOVE EXISTING HATCH AND PROVIDE HATCH AND SAFETY RAILING SYSTEM. APPROXIMATE DIMENSIONS INDICATED ON PLAN (VIF) - SEE DETAIL 3/ZA191.	Ļ	Rev. I	No.: Date
PROVIDE BASE/COUNTER FLASHING BELOW EXISTING THROUGH-WALL FLASHING - SEE DETAIL 24/ZA190.			
ROOF VERTICAL TRANSITION DETAIL WITH FASCIA AT OPPER ROOF LEVEL APPROXIMATE HEIGHT INDICATED ON PLAN - SEE DETAIL 1/ZA191.			
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	Legend	(2011-05) arch-rflgnd	Ro	of Kev Notes	<u>G</u>	eneral Re-Roofing Notes
					Α.	DRAWINGS ARE REPRESENTATIVE, AND M.
		AREA OF TAPERED INSULATION (TYP).	(1)	PROVIDE ROOF DRAIN INSERT AT EXISTING ROOF DRAIN - SEE DETAIL 8/ZA190. ◄	В.	VERIFY IN FIELD LOCATIONS OF ALL EXISTI PENETRATIONS PRIOR TO FIRST SUBMITTA
		EXISTING ROOF AREA - NO WORK	3	TAPERED INSULATION CRICKET (TYP) SLOPE 1/2"/FT. TYP ALL SIDES. VERIFY LENGTH IN FIELD. WIDTH AS INDICATED ON PLAN	C.	DRAWINGS. INSPECT ROOF DECK PRIOR TO ROOFING THAT EXISTING MATERIALS ARE SOLID AND
		ROOF DRAIN INSERT IN EXISTING ROOF DRAIN (TYP). PROVIDE TAPERED SUMP.	(4)	EXISTING MECHANICAL EQUIPMENT ON CURB, SHUTDOWN,	-	ARCHITECT IMMEDIATELY IF DETERIORATE MATERIALS ARE DISCOVERED.
	S S	DIRECTION OF DOWNWARD SLOPE OF SLOPED STRUCTURE.		DISCONNECT, REMOVE AND STORE EQUIPMENT IN PROTECTED AREA. EXTEND/RAISE CURB, DUCTS, PIPES, CONDUITS, ETC. TO MAINTAIN REQUIRED HEIGHT ABOVE FINISHED ROOF. REINSTALL. RECONNECT AND RESTART EQUIPMENT, PROVIDE	D.	PROVIDE COMPLETE ROOFING INSTALLATI ITEMS NOT SCHEDULED FOR WORK THAT DURING ROOFING WORK.
		ROOF HATCH		MECHANICAL ATTACHMENT. COORDINATE SHUTDOWN WITH OWNER SEE DETAIL 2/ZA190.	E.	MAINTAIN WATERTIGHT CONDITIONS AT AL
	<u>EJ</u>	EXPANSION JOINT (TYP).	5	EXISTING WALL MOUNTED LADDER, REMOVE, PREPARE PRIME AND PAINT WITH 'GRAY' HIGH PERFORMANCE COATING AND REINSTALL - SEE DETAIL 11/ZA190.	F.	PROVIDE ROOFING SYSTEMS AND ALL REL INDICATED BY THE CONTRACT DOCUMENT
	TAPER 1/8"/FT	DIRECTION AND DEGREE OF DOWNWARD SLOPE OF TAPERED INSULATION (MINIMUM 1/8"/FT, TYP).	6	EXISTING CONDENSER ON SUPPORT RAILS. SHUTDOWN, DISCONNECT, REMOVE EQUIPMENT AND SUPPORTS. STORE	- G.	WORK INCLUDES BUT IS NOT LIMITED TO F MATERIALS, INCLUDING MEMBRANE, INSUL CANTS, FLASHING, FASCIA, UNDER- AND O VAPOR BARRIERS AND RELATED ITEMS DC
	OR	DIRECTION OF DOWNWARD SLOPE OF TAPERED INSULATION CRICKET (1/2"/FT, TYP UNO).		ON NEW SUPPORT RAILS. PROVIDE MECHANICAL ATTACHMENT AT ALL MOUNTS. EXTEND PIPES, CONDUITS, ETC. TO PROVIDE REQUIRED HEIGHT ABOVE FINISHED ROOF. PROVIDE ALL		(UNO). THOROUGHLY CLEAN ROOF DECK (PREPARE AND PRIME TO ACCEPT ROOFING INDICATED.
	+X"	TOTAL THICKNESS OF INSULATION.		EVACUATE AND RECLAIM REFRIGERANT R 407 AND SAVE FOR REINSTALLATION, BREAK VACUUM WITH DRY NITROGEN	Н.	ONCE EXPOSED TO VIEW, FIELD VERIFY CO BLOCKING WITH ARCHITECT AND OWNER.
	+X" FLAT	ROOF SYSTEM TYPE RS-X.		HOLDING CHARGE. WEIGHT RECLAIMED REFRIGERANT AND PROMPTLY ADVISE OWNER OF DISCREPANCIES BETWEEN		SERVICEABLE CONDITION, BLOCKING MAY REMAIN. UPON RECEIPT OF AN ACCEPTAB
				RECOVERED CHARGE AND MANUFACTURER'S RECOMMENDED CHARGE. CUT OUT SECTIONS OF REFRIGERANT PIPING AND REMOVE ELECTRICAL AND CONTROL WIRING AS REQUIRED.	J.	REMOVE AND LEGALLY DISPOSE OF ALL M FOR DEMOLITION.
	• OR O	PIPE PENETRATION (TYP).		REMOVE, WHERE APPLICABLE, AND PROVIDE NEW IN ALL LOCATIONS WITH PROPERLY SIZED FILTER DRYERS AND SITE GLASSES AT ALL REPIPED UNITS. REPIPE COMPLETE, EVACUATE	К.	REMOVE EXISTING MECHANICAL EQUIPME HATCHES, PIPING, WIRING, CONDUITS AND ITEMS ON OR ADJACENT TO THE ROOF TH
		NROOF CURB-MOUNTED VENITLATOR (TYP).		AND TEST PIPING AND RECHARGE WITH ORIGINAL REFRIGERANT PLUS ANY ADDITIONAL REFRIGERANT REQUIRED FOR PROPER CHARGE AS RECOMMENDED BY MANUFACTURER. INSULATE REFRIGERANT SUCTION LINES WITH 1 1/2" WALL ARMAFLEX		SCHEDULED WORK (TYP, UNO). RAISE EXIS PRESERVATIVE-TREATED WOOD BLOCKING OBTAIN ROOFING WARRANTY SPECIFIED, E THAN MINIMUM 8" ABOVE FINISHED ROOF. DUCTWORK, PIPING AND ELECTRICAL CON
		EQUIPMENT ON EQUIPMENT SUPPORTS (TYP).		UNIT USING MANUFACTURE'S RECOMMENDED STARTUP PROCEDURES, RETURNING UNIT TO NORMAL, PRE-ROOFING WORK OPERATION. SEE DETAIL 3/ZA190.		REQUIRED, AND REINSTALL ALL EQUIPMEN INSTALLATION, MAKING PROPER MECHANI PLUMBING CONNECTIONS. PROVIDE FOR T
	HVAC	CURB MOUNTED EQUIPMENT	7	REPLACE EXPANSION JOINT AT EXISTING LOCATION, HEIGHT AS REQUIRE TO ACCOMMODATE ROOF THICKNESS - SEE DETAIL		EXTEND ALL VENTS AS REQUIRED TO MAIN
		WALL MOUNTED LADDER	8	RAISE EXISTING THROUGH-WALL FLASHING AND PROVIDE	м	
		PIPE OVER ROOF ON SUPPORTS	9	FLASH INTO EXISTING FULLY ADHERED EPDM ROOF SYSTEM TO		FASTENERS TO BE STAINLESS STEEL SCR
	AB	ABANDONED CURB TO BE REMOVED AND INFILLED		COMPLY WITH ALL MANUFACTURE'S WARRANTY REQUIREMENTS - SEE DETAIL 10/ZA190 SIMILAR.	N.	AT ROOF DRAIN LOCATIONS, REFER TO SP ROOF PLANS AND REFERENCED DETAILS F BEFORE BEGINNING CONSTRUCTION, VER
		EXISTING MASONRY CHIMNEY	10	EXISTING WALL MOUNTED LADDER, MODIFY LENGTH OF BOTTOM SIDERAILS TO AVOID CONTACT WITH ROOF SYSTEM.		ARE CLEAR AND IN WORKING ORDER. REF OBSTRUCTIONS TO ARCHITECT AND OWNE BEGINNING ROOF REMOVAL.
		TEST CUT LOCATION, REFER TO EXISTING CONDITIONS NOTES		PROVIDE ADHERED WALK PADS - SEE DETAIL 4/ZA190.	P.	DO NOT DISTURB OR OVERBURDEN EXISTI
XIST	ING CONDITIONS		(12)	EXISTING WALL MOUNTED LADDER, REMOVE AND REINSTALL WITH TOP RUNG ALIGNED WITH TOP OF FASCIA, MODIFY BRACKET LOCATIONS AS REQUIRED - SEE DETAIL 11/ZA190.		ARE NOT SCHEDULED FOR WORK. THIS IN TRAFFIC, POINTS OF ACCESS AND WORK F ALL WORK REQUIRED SHALL COMPLY WITI SYSTEM MANUFACTURER'S WARRANTY RE
	THE FOLLOWING ANALYSIS AT ARE	CONDITIONS WERE OBSERVED DURING TEST CUT AS INDICATED FOR ROOF REPLACEMENT. THE	13	PROVIDE FIXED LADDER SAFETY RAILING SYSTEM ON ADHERED WALK PADS, MECHANICALLY ATTACHED TO LADDER HANDRAILS.	Q.	MAINTAIN CONSTANT ROOF EDGE DATUM
	CONTRACTOR IS PROVIDE A COMF DECK.	RESPONSIBLE TO VERIFY EXISTING CONDITIONS AND PLETE REMOVAL OF ALL MATERIALS ABOVE THE ROOF	14	EXISTING PIPE CURB ASSEMBLY. REMOVE EXISTING AND PROVIDE NEW PIPE CURB ASSEMBLY. SEE NOTE 6 AND DETAIL 5/ZA190.		BLOCKING TO MATCH ADJACENT INSULATI
	TYPICAL AT ('F' W TEST CUT LOCAT FULLY ADHERED	ING) SIXTH GRADE GYM ROOF AREAS - REFER TO PLAN ION #1: EPDM MEMBRANE.	15	- EXISTING FLEXIBLE PENETRATION, PROVIDE SEALER BOX - SEE DETAIL 6/ZA190.	1	
	POLYISOCYANUR ATTACHED. DENS-DECK – 1/6"	ATE INSULATION – THICKNESS 4" – MECHANICALLY	16	PIPE/DUCT PENETRATION - SEE DETAIL 7/ZA190.		
	CORRUGATED M	ETAL ROOF DECK – STRUCTURALLY SLOPED.	(17)	EXISTING ANTENNA, REMOVE, PROTECT AND REINSTALL - VIF.		
	TYPICAL AT ('F' W LOCATIONS #2 AN	ING) MAIN GYM, ROOF AREAS - REFER TO PLAN TEST CUT ID #3: EDDM MEMBRANE	(18)	ROOF VERTICAL TRANSITION DETAIL, APPROXIMATE HEIGHT INDICATED ON PLAN – SEE DETAIL 12/ZA190.		
	TAPERED POLYIS 3" TO 6" – MECHA TAR PAPER.	OCYANURATE INSULATION – THICKNESS VARIES BETWEEN NICALLY ATTACHED.	(19)	ABANDONED PENETRATION, APPROXIMATE DIMENSIONS INDICATED ON PLAN (VIF), REMOVE CURB AND PROVIDE ROOF DECK OPENING INFILL – SEE DETAIL 9/ZA190.	_	D
	CORRUGATED ME TYPICAL AT ('E' AI	ETAL ROOF DECK - FLAT.	20	ABANDONED MECHANICAL UNIT, APPROXIMATE DIMENSIONS INDICATED ON PLAN (VIF), DISCONNECT AND CAP ALL		
	AREA) - REFER TO FULLY ADHERED) PLAN TEST CUT LOCATIONS #4, #5 AND #6: EPDM MEMBRANE. OCYANI IRATE INSULATION – THICKNESS VARIES BETWEEN		CONNECTIONS BELOW DECK, REMOVE EXISTING MECHANICAL UNIT AND CURB AND PROVIDE ROOF DECK OPENING INFILL – SEE DETAIL 9/ZA190.		
	3" TO 5" – MECHA TAR PAPER.		(21)	T REMOVE EXISTING INSERT DRAIN AND PROVIDE ROOF DRAIN INSERT AT EXISTING ROOF DRAIN - SEE DETAIL 8/74100		F
	CORRUGATED ME TYPICAL AT ('E' W	ETAL ROOF DECK – FLAT. ING) LOW ROOF AREA (OVER BOILER ROOM AREA) -	(22)	HORIZONTAL PIPING OR CONDUIT ON PIPE SUPPORTS OVER		
	REFER TO PLAN FULLY ADHERED TAPERED POLYIS 3" TO 5" – ADHERI	TEST CUT LOCATION #8: EPDM MEMBRANE. OCYANURATE INSULATION – THICKNESS VARIES BETWEEN ED/MECHANICALLY ATTACHED.		ROOF TO REMAIN, REMOVE EXISTING SUPPORTS AND PROVIDE SUPPORTS ON ADHERED WALK PADS – SEE DETAIL 13/ZA190. PREPARE, PRIME AND PAINT PIPES WITH 'GRAY' HIGH PERFORMANCE COATING EXTENDING CONTINUOUS OVER ROOF	-	
	TAR PAPER. CONCRETE ROOF	DECK.				
	TYPICAL AT ('E' W ADDITIONS) - REF	ING) LOW ROOF AREA (OVER CENTER AND EAST ER TO PLAN TEST CUT LOCATION #7:	23	COLUMN, BOTTOM ELBOW AND SPLASH BLOCK AT GRADE – SEE DETAILS 16/ZA190 AND 17/ZA190. –		
	FULLY ADHERED POLYISOCYANUR ATTACHED.	EPDM MEMBRANE. ATE INSULATION – THICKNESS 4" – MECHANICALLY	24	REMOVE EXISTING SOFFIT PANELS AND TRIM, PROVIDE CONTINUOUS METAL PANEL SOFFIT SYSTEM	δ	с. U. Control No. 13-02-0
	POLY. CORRUGATED M	ETAL ROOF DECK – STRUCTURALLY SLOPED.	25	EXISTING THROUGH-WALL OVERFLOW SCUPPER AND WALL MOUNTED SUMP, INFILL WALL OPENING AND PROVIDE	╞	
	TYPICAL AT ('B' W LOCATIONS #9, #10 AND #11:	ING) HIGH ROOF AREA - REFER TO PLAN TEST CUT		THROUGH-WALL OVERFLOW SCUPPER WITH FULLY WELDED WALL SLEEVE WITH PROJECTING EXTERIOR DRIP EDGE AT 2" ABOVE ROOF ELEVATION. FLASH ROOF MEMBRANE INTO SLEEVE		
	TAPERED POLYIS 3" TO 6" – MECHA TAR PAPER.	OCYANURATE INSULATION – THICKNESS VARIES BETWEEN NICALLY ATTACHED.	26	REMOVE EXISTING HATCH AND PROVIDE HATCH AND SAFETY RAILING SYSTEM. APPROXIMATE DIMENSIONS INDICATED ON	Rev	V. No.: Date: Description:
	CORRUGATED M	LIAL ROOF DECK – FLAT.	27	PROVIDE BASE/COUNTER FLASHING BELOW EXISTING		
			(28)	ROOF VERTICAL TRANSITION DETAIL WITH FASCIA AT UPPER		
				ROOF LEVEL APPROXIMATE HEIGHT INDICATED ON PLAN - SEE DETAIL 1/ZA191.	1	CELLENCE IS THE

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	Roofing	Symbol Key	K	eyed Notes EXISTING VENT PIPE PE		- SEE DETAIL 1/ZA190.	A.	DRAWINGS ARE REPRESENT
G TEST VERIFY		TAPERED INSULATION.	²	PROVIDE ROOF DRAIN 8/ZA190.	INSERT AT EXISTI	NG ROOF DRAIN - SEE DETAIL ⊄	Ь	ALL FIELD CONDITIONS.
OVAL OF		EXISTING ROOF AREA - NO WORK	3	TAPERED INSULATION VERIFY LENGTH IN FIEL TYPICAL AT ALL CURB	CRICKET (TYP) SL D. WIDTH AS IND PENETRATIONS.	OPE 1/2"/FT. TYP ALL SIDES. ICATED ON PLAN AND	Б.	PENETRATIONS PRIOR TO F
ESS VARIES		ROOF DRAIN INSERT IN EXISTING ROOF DRAIN (TYP).	4	EXISTING MECHANICA DISCONNECT, REMOVI	L EQUIPMENT ON E AND STORE EQU	CURB, SHUTDOWN,	C.	INSPECT ROOF DECK PRIOF EXISTING MATERIALS ARE SO IMMEDIATELY IF DETERIORA
		PROVIDE TAPERED SUMP		EXTEND/RAISE CURB, E REQUIRED HEIGHT ABO AND RESTART EQUIPM	DUCTS, PIPES, CON DVE FINISHED ROC IENT. PROVIDE MEC	DUITS, ETC. TO MAINTAIN DF. REINSTALL, RECONNECT CHANICAL ATTACHMENT.	D.	PROVIDE COMPLETE ROOFI
		ROOF HATCH	5	EXISTING DOOR, FRAM RAISED THRESHOLD/CI	own with own 1e and hardwaf Urb. see detail 19	ER SEE DETAIL 2/ZA190. RE TO BE REPLACED. PROVIDE ⁽¹⁰⁾ 9/ZA190.		SCHEDULED FOR WORK TH WORK.
		DIRECTION OF DOWNWARD SLOPE OF TAPERED INSULATION CRICKET ($\frac{1}{2}$ "/FT, TYP UNO)	6	EXISTING CONDENSER REMOVE EQUIPMENT A	ON SUPPORT RAI	LS. SHUTDOWN, DISCONNECT, ORE EQUIPMENT IN	E.	MAINTAIN WATERTIGHT CO
	T 1/8"	DIRECTION OF DOWNWARD SLOPE AND DEGREE OF SLOPE OF TAPERED INSULATION (MINIMUM 1/8"/FT, TYP UNO).		PROTECTED AREA. REI RAILS. PROVIDE MECHA PIPES, CONDUITS, ETC. ROOF PROVIDE ALL RE	NSTALL CONDENS ANICAL ATTACHM TO PROVIDE REQ FERIGERANT WOR	ING UNIT ON NEW SUPPORT ENT AT ALL MOUNTS. EXTEND UIRED HEIGHT ABOVE FINISHED K IN ACCORDANCE WITH	F.	PROVIDE ROOFING SYSTEM: INDICATED BY THE CONTR
	+X"	TOTAL THICKNESS OF INSULATION.		ASHRAE 15. EVACUATE FOR REINSTALLATION. HOLDING CHARGE. W	EAND RECLAIM RE BREAK VACUUM EIGHT RECLAIMED	FRIGERANT R 407 AND SAVE WITH DRY NITROGEN REFRIGERANT AND PROMPTLY	G.	WORK INCLUDES BUT IS NO MATERIALS, INCLUDING ME FLASHING, FASCIA, UNDER-
	(RS-X)	DESIGNATES ROOF SYSTEM TYPE.		ADVISE OWNER OF DIS AND MANUFACTURER OF REFRIGERANT PIPIN	SCREPANCIES BET 'S RECOMMENDED IG AND REMOVE E	VEEN RECOVERED CHARGE CHARGE. CUT OUT SECTIONS? LECTRICAL AND CONTROL		BARRIERS AND RELATED ITE THOROUGHLY CLEAN ROC TO ACCEPT ROOFING MAT
	0	PLUMBING VENT PIPE PENETRATION		WIRING AS REQUIRED. NEW IN ALL LOCATION SITE GLASSES AT ALL R	REMOVE, WHERE NS WITH PROPERL EPIPED UNITS. REPI	APPLICABLE, AND PROVIDE Y SIZED FILTER DRYERS AND PE COMPLETE, EVACUATE AND	н.	ONCE EXPOSED TO VIEW, F BLOCKING WITH ARCHITE(
	O	HOT PIPE PENETRATION		ADDITIONAL REFRIGER RECOMMENDED BY MA	ANT REQUIRED F NUFACTURER. IN: L ARMAFLEX INSU	OR PROPER CHARGE AS SULATE REFRIGERANT SUCTION LATION AND PVC JACKET.		SERVICEABLE CONDITION, I UPON RECEIPT OF AN ACC
	====]	WALL MOUNTED LADDER		EXTEND AND RECONN REQUIRED AND RESTA STARTUP PROCEDURES	NECT POWER AND RT UNIT USING MA S, RETURNING UNI) CONTROL WIRING AS ANUFACTURE'S RECOMMENDED T TO NORMAL, PRE-ROOFING	J.	REMOVE AND LEGALLY DISF DEMOLITION.
		CURB-MOUNTED VENTILATOR	7	WORK OPERATION. SE REPLACE EXPANSION J REQUIRED TO ACCOM	E DETAIL 3/ZA190. OINT AT EXISTING IMODATE ROOF TI	ے i Location, height as Hickness - see details	К.	REMOVE EXISTING MECHAN PIPING, WIRING, CONDUITS
	г[[h :::НVAC:::	EQUIPMENT ON EQUIPMENT SUPPORTS (TYP)	8	21/ZA190 AND 8/ZA191 RAISE EXISTING THROU	JGH-WALL FLASHI	NG AND PROVIDE		ADJACENT TO THE ROOF T (TYP, UNO). RAISE EXISTING WOOD BLOCKING AS REQU
	чн		9	BASE/COUNTER FLASH	ING - SEE DETAIL 2 FULLY ADHERED E	.1/ZA190		ROOF. EXTEND EXISTING D CONNECTIONS AS REQUIRI ROOF INSTALLATION, MAK
	<u> </u>	TEST CUT LOCATION, REFER TO EXISTING CONDITIONS	(10)	DETAIL 10/ZA190. EXISTING WALL MOUN	ITED LADDER, MO	DIFY LENGTH OF BOTTOM		PLUMBING CONNECTIONS. ELECTRICAL AND PLUMBING SCHEDULING OF DISRUPTIC
:	#^			SIDERAILS TO AVOID C	CONTACT WITH R	OOF SYSTEM. ш TAIL 4/ZA190.	L.	EXTEND ALL VENTS AS REQ
(2)			(12)	EXISTING WALL MOUN PAINT WITH 'GRAY' HI WITH TOP RUNG ALIG	NTED LADDER, REM GH PERFORMANCI INED WITH TOP O	10VE, PREPARE, PRIME AND E COATING AND REINSTALL F FASCIA - SEE DETAIL 11/ZA190.	M.	WOOD BLOCKING SHALL E
			13	PROVIDE MOVABLE SAI MECHANICALLY ATTA	FETY RAILING SYST CHED TO WALL.	EM ON ADHERED WALK PADS,	N.	AT ROOF DRAIN LOCATIO
				PROVIDE FACTORY FA				PLANS AND REFERENCED D BEGINNING CONSTRUCTIO AND IN WORKING ORDER.
3		G ZA191 TYP	(15) (16)	AND CONDUIT ASSOC	E AND HARDWAR	FTOP CONDENSER - VIF.	P.	ARCHITECT AND OWNER F
				REINSTALL EXISTING T DETAIL 19/ZA190 SIM.	HRESHOLD, FLASH	MEMBRANE OVER CURB. SEE		NOT SCHEDULED FOR WOI POINTS OF ACCESS AND W REQUIRED SHALL COMPLY
	8	RS-3 -07					0.	MANUFACTURER'S WARRAN
						ග		ADJUSTING LAYERS AND TH BLOCKING TO MATCH ADJ
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