Date: April 27, 2021

ADDENDUM NO. 3

To Project Bidding Documents for:

MONTE VISTA ELEMENTARY SCHOOL INTERIM HOUSING PROJECT GLENDALE UNIFIED SCHOOL DISTRICT

DSA Appl. No.03-121306 DSA File No. 19-41

tBP Project No. 21056.00

tBP/ARCHITECTURE 4611 Teller Avenue Newport Beach, CA 92660 949/673-0300

TO: PROSPECTIVE BIDDERS

This Addendum forms a part of the Contract Documents and modifies the original Bidding Drawings and Specifications dated April 8, 2021. Acknowledge receipt of this Addendum in space provided on the Bid Form. Failure to acknowledge may subject Bidder to disqualification.

CHANGES TO DRAWINGS

- SHEET AS-1– OVERALL SITE PLAN Replace the entire sheet as issued with this addendum.
- 2. SHEET AS-2 SITE DEMOLITION PLAN
 - a. Revised Keynotes No. 1 No. 3 as shown on plan.
 - b. Added Keynotes No. 15 and 16 as shown on plan.
- 3. SHEET E0-1 SYMBOL LIST, GENERAL NOTES & DETAILS Revised Performance Note No.9 as shown on plan.
- 4. SHEET E2-2 OVERALL TELECOM PLAN
 - a. Revised Plan Notes No. 4, 5, 7, and 9 as shown on plan.
 - b. Added Plan Note No. 10, and callout as shown on plan.

ATTACHMENTS

The following attachments are a part of Addendum No. 3:

1. Full Size Documents (30" x 42") Drawings: (Total 4)

AS-1	Overall Site Plan
AS-2	Site Demolition Plan
E0-1	Symbol List, General Notes and Details
E2-2	Overall Site Telecom Plan

2. Pre-Bid RFI Responses: (Total 30)

PB RFI No. 31 - RB RFI No. 33

Date: April 27, 2021

MONTE VISTA ELEMENTARY SCHOOL INTERIM HOUSING PROJECT GLENDALE UNIFIED SCHOOL DISTRICT

tBP Proj. No. 21056.00

tBP/ARCHITECTURE 4611 Teller Avenue Newport Beach, CA 92660 949-673-0300

TO: PROSPECTIVE BIDDERS

RESPONSES TO PRE-BID RFI'S

31. Reference Sheet E0-1

Sheet E0-1, Performance Note #9 states: "PROVIDE NEW TELEPHONE(S), SPEAKERS, DATA OUTLETS, AUDIO/VISUAL SYSTEMS AND CLOCKS IN MODULAR BUILDINGS WHERE INDICATED ON DRAWINGS." Individual modular building drawings, layouts or details were not included in the Bid Set drawings, when will these be provided?

Response – Individual devices in the existing relocated interim housing buildings shall remain in place. Provide new IDF's as shown on drawings. Conduit connections shall be made at existing main entry junction boxes on the existing relocated buildings. Conductor connections shall be made to existing devices within each building. Provide eight (8) cat 6 cables from existing data devices within each classroom back to the new IDF and terminate.

32. Reference Sheet E2-2

Sheet E2-2, Plan Notes 4 and 5 both state: "PROVIDE THE FOLLOWING TELECOMMUNICATIONS CONDUIT AND CABLING AS SPECIFIED". Conduit sizes/quantities are given but no requirements for cabling are indicated. Please confirm the quantities and performance requirements for fiber strands and copper pairs for the campus Fiber/Computer/Data backbone cabling. **Response –** Provide two (2) sets of 12 strand single mode fiber for fiber/computer/data from the campus MDF to the interim housing IDF's. Provide two (2) 18awg, 4 conductor shielded cables per building for intrusion detection for a total of fourteen (14) from the campus main security rack to thew interim housing devices in each classroom. Provide one (2) #16awg twisted pair per building for public address/paging system for a total of fourteen (14) from the campus head end paging rack to the interim housing devices. Connect to existing respective system devices in each building.

33. Reference Sheet E2-2

Sheet E2-2, Plan Notes 4 and 5 both state: "PROVIDE THE FOLLOWING TELECOMMUNICATIONS CONDUIT AND CABLING AS SPECIFIED" for Public Address/Paging/**Clock**. We understand the District clock standard is a standalone, battery powered clock, as opposed to a networked (wired) clock system. Please confirm the type of clocks required.

Response – Existing clocks in the relocated interim housing buildings shall remain, provide new batteries in clocks, protect clocks in place.



PARKING TABULATION	GENERAL NOTES
(E) PARKING LOT A# 03-116286 VAN ACCESSIBLE STALL A# 03-116286 1 STANDARD PARKING STALL 24 TOTAL PARKING STALLS 25	 VERIFY ALL EXISTING & FINISH GRADES, DIMENSIONS & SITE CONDITIONS BEFORE COMMENCING WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT. ALL GRADING WORK SHALL CONFORM TO APPLICABLE PROVISIONS OF THE UNIFORM BUILDING CODE, TITLE 24, AND LOCAL CODES AND ORDINANCES. IN THE EVENT OF CONFLICTING PROVISIONS, ALWAYS CONFORM TO THE MORE STRINGENT REQUIREMENTS. DETERMINE NECESSARY SUBGRADE ELEVATIONS AND CONSTRUCT SMOOTH TRANSITIONS BETWEEN FINISHED GRADES. FINISHED GRADE ELEVATIONS ADJACENT TO BUILDING PERIMETERS TO BE 6° BELOW FINISHED FLOOR ELEVATIONS ADJACENT TO BUILDING PERIMETERS TO BE 6° BELOW FINISHED FLOOR ELEVATIONS ADJACENT TO BUILDING PERIMETERS TO BE 6° BELOW FINISHED FLOOR ELEVATIONS, U.N.O. ALL CONCRETE PAVING TO BE MEDIUM BROOM FINISH UNLESS NOTED OTHERWISE. SITE IMPROVEMENTS IN THE ACCESSIBLE PATH OF TRAVEL SHALL PROVIDE A BARRIER-FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 14°, OR 12′2 WHEN BEVELED 12. WALKWAYS SHALL HAVE A MAXIMUM SLOPE OF 121. MAXIMUM CROSS-SLOPE 12 2% TYPICAL. THE CONTRACTOR SHALL VERIFY THAT ALL BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEEN REMOVED. ARCHITECT TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDERT HIS PROJECT, AND PATH OF TRAVEL COMPLES WITH CBC 118-206. LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING TO AVOID INTERCEPTING EXISTING PIPING OR CONDUITS. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN ON OF UNDERGROUND UTILITIES OF STRUCTURES WHETHER OR NOT SHOWN ON OS SPECIFICATIONS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. GRATING LOCATED IN THE SURFACE OF ANY PEDESTRIAN WAY IN THE P.O.T. SHALL HAVE GRIDOPENINGS IN GRATING LIMITED TO 1/2″ MAXIMUM CLEAR IN THE DRECTION OF TRAVEL FLOW. GATES WITHIN ACCESSIBLE ROUTE OF TRAVEL MUST COMPLY WITH ALL APPLI







	GENERAL NOTES	
LIGHT FIXTURE SCHEDULE	1. PORTIONS OF THESE PLANS HAVE BEEN DERIVED FROM INFORMATION TAKEN FROM ORIGINAL ELECTRICAL PLANS. THE INTENT OF THESE PLANS IS TO PROVIDE COMPLETE AND OPERABLE	ALL S VE
TABLE TABLE TIGHT LIXTING TURE MINIMUM TABLE TURE MINIMUM TURE MINIMUM Same output TABLE Same output Lixtic maximum Lixtic maximum MINIMUM MINIMUM Lixtic maximum Lixtic maximum MINIMUM <td< td=""><td> IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL THE FEATURES OF THE BUILDING AND SITE WHICH WAY AFFECT THE PROPER PERFORMANCE OF THIS WORK. </td><td> JUNCTION BO> JUNCTION BO> </td></td<>	 IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL THE FEATURES OF THE BUILDING AND SITE WHICH WAY AFFECT THE PROPER PERFORMANCE OF THIS WORK. 	 JUNCTION BO> JUNCTION BO>
LED POST TOP LUMINAIRE WITH DIE CAST ALUMINUM HOUSING LED POST TOP LUMINAIRE WITH DIE CAST ALUMINUM HOUSING LED POST TOP LUMINAIRE WITH DIE CAST ALUMINUM HOUSING LED POST TOP LUMINAIRE WITH DIE CAST ALUMINUM HOUSING	3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REFER TO THE DRAWINGS OF OTHER TRADES FOR ADDITIONAL DETAILS AND REQUIREMENTS WHICH AFFECT THE PROPER PERFORMANCE OF THIS WORK.	A INDICATES CO
SL1IN FINISH AS SELECTED BY ARCHITECT. TYPE 3 DISTRIBUTION; CLEAR ACRYLIC LENS; BUILT IN DIMMING MOTION SENSOR; INTEGRAL DRIVERS; SPIDER MOUNT ATTACHMENT.96-POLE (12'-0")LED400070782312'-0" ROUND ALUMINUM POLE IN FINISH TO MATCH LUMINAIRE; COMPLETE WITH ANCHOR BOLTS, BOLT COVERS, ETC.96-POLE (12'-0")LED4000707823	 RACEWAY ROUTING, DIMENSIONS, AND EQUIPMENT LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXACT RACEWAY ROUTING TO CONFORM TO FIELD CONDITIONS. ELECTRICAL DOWN TIME MUST BE APPROVED BY THE COLLEGE. CONTRACTOR SHALL MAKE 	
EATON INVUE#LXS-B3-LED-D1-T3-CC-S-MS/DIM-L20 ON #ARP-5-M-6-A-CC-5-V POLE OR APPROVED EQUAL BY	PROVISIONS TO ACCOMPLISH THE WORK OF THIS CONTRACT WITHOUT UNDUE INTERFERENCE WITH COLLEGE OPERATIONS.	OUTLET BOX, +
GARDCO, LITHONIA GARDCO, LITHONIA LED BUILDING MOUNTED LUMINAIRE WITH DIE CAST ALUMINUM HOUSING IN FINISH AS SELECTED BY ARCHITECT. TYPE 3	 ALL EQUIPMENT DEVICES, CONDUIT FITTINGS, JUNCTION BOXES, AND CONSTRUCTION LOCATED OUTDOORS SHALL BE WEATHERPROOF. 	Single Pole To Sa, b 2 - DOUBLE F
SL2 DISTRIBUTION; CLEAR ACRYLIC LENS; BUILT IN PHOTOCELL ON / PHOTOCELL OFF SENSOR; INTEGRAL DRIVERS AND EMERGENCY BATTERY PACK FOR 90 MINUTES OF EMERGENCY 24 - WALL LED 3000 70 2029	 ALL SIGNAL AND FIRE ALARM SYSTEMS TERMINATIONS MADE IN JUNCTION BOXES SHALL BE EXECUTED USING TERMINAL BLOCKS. SIGNAL AND/OD FIRE ALARM SYSTEMS COLLOFS ADD NOT DEPMITTED IN UNDERCOOLIND. 	3 - THREE W/ R - SPDT MO a,b,c,d, ETC.
ILLUMINATION, IP65 RATED ILLUMINATION, IP65 RATED	8. SIGNAL AND/OR FIRE ALARM SYSTEMS SPLICES ARE NOT PERMITTED IN UNDERGROUND PULLBOXES.	FIXTURE SCHEL
	ALL ELECTRICAL EQUIPMENT INCLUDING FANELS, COTLET BOALS, CONDUTTS, ETC. STALL BE ANCHORED TO BUILDING STRUCTURE. ANCHORING SHALL BE DESIGNED FOR 1.0 GRAVITY LATERAL ACCELERATION OF THE EQUIPMENT.	DETAIL CALLOU
	10. VERIFY THE EXACT LOCATION OF THE RELOCATABLE BUILDING PANELBOARD WITH THE BUILDING MANUFACTURER PRIOR TO ROUGH-IN.	CONDUIT, INST. ————————————————————————————————————
(NOTE: REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS)	 WHERE POSSIBLE ALL RACEWAYS SHALL BE ROUTED CONCEALED IN WALLS AND/OR ABOVE ACCESSIBLE CEILING SPACE. INNERCO SPECIFICATELY SHOWNLON THESE READS NO STRUCTURAL MEMORER SHALL BE OUT. 	
 FIXTURES LOCATED OUTDOORS SHALL BE RATED FOR STARTING AND OPERATING TEMPERATURES BELOW 0-DEGREES FAHRENHEIT. FIXTURES WITH THE SAME TYPE # SHALL BE THE PRODUCTS OF THE SAME MANUFACTURER, (I.E., TYPE #1, 1A, 1B, ETC., SHALL BE THE SAME MANUE ACTURED. 	12. UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBER SHALL BE CUT NEITHER DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT.	— — — CONDUIT, INST CONDUIT, INST <
3. VERIFY MOUNTING HEIGHT OF ALL WALL MOUNTED FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.	13. PROVIDE OZ COMPANY TYPE "DX" EXPANSION/DEFLECTION FITTINGS WITH BONDING JUMPER ON ALL CONDUITS AT ALL BUILDING EXPANSION OR SEISMIC JOINT CROSSINGS.	-B-5, 7, 9 B-5, 7, 9
 REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND WALL ELEVATIONS FOR EXACT INSTALL LOCATION OF ALL FIXTURES. VERIFY VOLTAGE BEING SUPPLIED TO FIXTURES PRIOR TO SUBMITTING SHOP DRAWINGS AND PRIOR TO ORDERING. FIXTURE VOLTAGE 		INDICATES CON AS NOTED.
SHALL MATCH BRANCH CIRCUITS CONNECTING TO RESPECTIVE FIXTURE.		EXISTING CON FIRE ALARM S
SYSTEM AND LIGHTING SYSTEM OPERATION. 7. LIGHTING CONTROL ACCEPTANCE REQUIREMENTS PER 130.4. A CERTIFICATE OF ACCEPTANCE SHALL BE SUBMITTED TO THE ENFORCEMENT ACENOX UNDER SECTION 40.402(2) OF PART 4 FOR:		P PUBLIC ADDRE P2 - 3/4"C W
A. AUTOMATIC DAYLIGHT CONTROLS		
C. DEMAND RESPONSIVE CONTROLS D. OUTDOOR LIGHTING CONTROLS		WP S- WEATHERPROC
		D1 COMPUTER/DA D2 - 1"C., WI D3 - 1 1/4"C., D4 - 1 1/4"C
PERFORMANCE NOTES	<u>PURPOSE:</u> THIS INTERPRETATION OF REGULATIONS (IR) CLARIFIES CODE REQUIREMENTS BASED ON THE CALIFORNIA BUILDING CODE (CBC),	COMBINATION S
	CALIFORNIA FIRE CODE (CFC) AND CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 19 AS RELATED TO NON-OPERABLE FIRE PROTECTION/LIFE SAFETY SYSTEMS REQUIRING A FIRE WATCH. <u>BACKGROUND:</u> 2016 CFC SECTION 901.7 AND CCR TITLE 19 SECTION 1.14 REQUIRE FIRE DETECTION AND ALARM SYSTEMS, FIRE HYDRANT SYSTEMS, EXTINGUISHING SYSTEMS, MECHANICAL SMOKE EXHAUST SYSTEMS, AND SMOKE AND HEAT VENTS TO BE MAINTAINED IN AN	► TELECOMMUNIC PROVIDE 1"C. W
 VISIT THE SITE PRIOR TO BID AND INVESTIGATE THE EXISTING FIRE ALARM, TELEPHONE, INTRUSION DETECTION, EMS, CLOCK, INTERCOM/PA, TELEVISION AND DATA SYSTEMS EQUIPMENT ON CAMPUS. COORDINATE WITH THE EXISTING SYSTEMS MANUFACTURERS FOR ALL REQUIRED EQUIPMENT MODIFICATIONS, CONDUIT, WIRING AND UPGRADING REQUIRED TO EXTEND THE EXISTING SYSTEMS TO THE NEW MODULAR BUILDINGS. 	OPERATIVE CONDITION AT ALL TIMES. CFC SECTION 901.7 DIRECTS THAT WHEN A FIRE PROTECTION SYSTEM IS OUT OF SERVICE, THE FIRE DEPARTMENT AND FIRE CODE OFFICIAL BE NOTIFIED IMMEDIATELY AND THE SCHOOL DISTRICT SHALL ESTABLISH A FIRE WATCH. FOR PURPOSES OF APPLICATION, THE DIVISION OF THE STATE ARCHITECT (DSA) IS THE FIRE CODE OFFICIAL.	1D COMPUTER/DA
2. PAINT ALL EXPOSED RACEWAYS TO MATCH SURROUNDING SURFACE COLOR.	OF THIS IR IS CONFINED TO THOSE SITUATIONS WHERE DSA HAS JURISDICTION. GENERAL: IT IS THE INTENT OF THE CFC THAT FIRE PROTECTION/LIFE SAFETY SYSTEMS IN SCHOOLS BE MAINTAINED AND FULLY OPERABLE AT ALL TIMES. IN THE EVENT THAT A PUBLIC SCHOOL (GRADES K-12 OR COMMUNITY COLLEGES) WITHIN THE JURISDICTION OF DSA HAS A FIRE PROTECTION/LIFE SAFETY SYSTEM THAT IS NOT OPERATING IN A DEPENDABLE MANNER. THAT CAMPLIS, OR THE AFFECTED PORTION OF THE CAMPLIS, SHALL BE PROVIDED A "FIRE WATCH."	OUTLET BOX, + TO THE ACCES NETWORK CAB
3. PROVIDE GROUNDING SYSTEM PER DETAIL A/E0-2. WHERE METAL RAMPS OR RAILWAYS ARE USED PROVIDE 1#2 BONDING ELECTRODE FROM THE RAMPS AND RAILWAYS TO THE STRUCTURAL STEEL MEMBER OF THE BUILDING.	A FIRE WATCH IS INTENDED AS A TEMPORARY ALTERNATE TO A FIRE PROTECTION/LIFE SAFETY SYSTEM AND ALLOWS A BUILDING TO BE TEMPORARILY OCCUPIED WHILE THE FIRE PROTECTION SYSTEM IS OUT OF SERVICE. THE PURPOSE OF A FIRE WATCH IS TO PROTECT HUMAN LIFE AND PROPERTY AND TRANSMIT AN IMMEDIATE ALARM TO THE BUILDING OCCUPANTS AND FIRE DEPARTMENT. 2016 CFC, CHAPTER 9,	COMPUTER/DAT OUTLET BOX, + TO THE ACCES
 PROVIDE WEATHERPROOF SEALANT AROUND PRECAST CONCRETE PULL BOX COVERS AFTER WORK IS COMPLETED WITHIN BOX. PROVIDE APPROVED WEATHERPROOF SEALANT AROUND ALL WALL PENETRATIONS. SEAL IN A MANNER ACCEPTABLE TO THE ARCHITECT. 	THE FIRE DEPARTMENT. THE SOLE DUTY OF THE FIRE WATCHES SHALL BE DEDICATED TO PERFORMING CONSTANT PATROLS OF THE PROTECTED PREMISES AND KEEP WATCH FOR EVIDENCE OF FIRES SUCH AS SMOKE OR FLAMES. 1. REQUIRED FIRE WATCH: WHEN, AS PART OF AN ALTERATION OR MODERNIZATION PROJECT OR CONSTRUCTION OF A NEW BUILDING A	DATA NETWORI ■ TV TELEVISION OL UNIVERSAL OLI
6. PROVIDE CORE DRILLING OF ALL STRUCTURES AS REQUIRED FOR RACEWAY ROUTING AND DISCOVERED SITE CONDITIONS.	FIRE PROTECTION/LIFE SAFETY SYSTEM IS PLACED OUT OF SERVICE AND AFFECTS ANY OCCUPIED PORTION OF AN EXISTING BUILDING UNDERGOING RENOVATION OR OCCUPIED BUILDINGS OR PORTIONS OF THE CAMPUS, THEN THE SCHOOL DISTRICT, DSA, AND THE ARCHITECT/ENGINEER IN GENERAL RESPONSIBLE CHARGE OF THE CONSTRUCTION PROJECT SHALL BE NOTIFIED IMMEDIATELY BY THE PROJECT INSPECTOR. IT WILL BE THE SCHOOL DISTRICT'S RESPONSIBILITY TO ESTABLISH, INSTRUCT AND MAINTAIN FIRE WATCH PERSONNEL	MASTER TV SIG SPACE.
 8. WHERE NEW CONDUCTOR(S)/CABLING IS SPECIFIED IN EXISTING CONDUITS CONTAINING EXISTING WIRING THE CONTRACTOR SHALL REMOVE ENOUGH 	IN/AT THE AFFECTED BUILDING(S). WHERE A FIRE ALARM SYSTEM IS OUT OF SERVICE, WARNING SIGNS SHALL BE POSTED AT ALL ENTRANCES TO ANY BUILDING TO INFORM THE OCCUPANTS (SEE PARAGRAPH 1.3). MODERNIZATIONS OF EXISTING BUILDINGS OR CONSTRUCTION OF NEW BUILDINGS THAT ARE NOT OCCUPIED BY THE PUBLIC, STAFF OR STUDENTS DURING CONSTRUCTION, SHALL NOT REQUIRE A FIRE WATCH AS LONG AS THE CONSTRUCTION EFFORTS DO NOT AFFECT OTHER	
OF THE EXISTING WIRING TO PULL IN NEW PLUS REPLACEMENT OF EXISTING REMOVED. 9. EXISTING TELEPHONE(S), SPEAKERS, DATA OUTLETS, AUDIO/VISUAL SYSTEMS AND CLOCKS IN MODULAR BUILDINGS SHALL REMAIN, PROTECT IN	OCCUPIED AREAS OF THE BUILDING. 1.1 FIRE WATCH PLAN: THE SCHOOL DISTRICT SHALL DEVELOP A FIRE WATCH PLAN WITH THE APPLICABLE BUILDING(S) IDENTIFIED ON A SITE AND BUILDING PLAN, AND COORDINATE WITH THE LOCAL FIRE DEPARTMENT. WHEN REQUESTED, THE SCHOOL DISTRICT SHALL PROVIDE A COPY OF THE FIRE WATCH PLAN TO THE DSA FIELD ENGINEER FOR THE REGION IN WHICH THE CONSTRUCTION IS TAKING PLACE A COPY OF	CIRCUIT BREA
PLACE. PROVIDE NEW CONNECTIONS AS INDICATED ON DRAWINGS.	THE FIRE WATCH PLAN SHALL BE MADE AVAILABLE TO THE LOCAL FIRE AUTHORITY UPON REQUEST. <u>1.2 REQUIREMENTS OF A FIRE WATCH PLAN:</u> INCLUDE A PROCEDURE FOR NOTIFYING THE FIRE DEPARTMENT AND OTHER CONTACTS DEEMED NECESSARY BY THE SCHOOL DISTRICT	O DENOTES CON
	FOR NOTIFICATION. INDICATE AREA(S) TO BE PATROLLED AND LOCATIONS OF PORTABLE FIRE EXTINGUISHERS, MEANS OF EGRESS AND AREAS OF SPECIAL HAZARDS. IF A KITCHEN HOOD EXTINGUISHING SYSTEM IS INCLUDED IN THE NON-OPERABLE ALARM SYSTEM, THE KITCHEN SHALL BE INCLUDED IN THE PATROL POULTE DURING COOKING ACTIVITIES.	
	 THE METHOD OF SOUNDING AN ALARM SHALL BE DESCRIBED TO INITIATE THE EVACUATION OF BUILDING(S). THE MANNER OF ALARM SHALL BE CONVEYED TO STAFF AND STUDENTS. DETERMINE AT LEAST ONE MEANS OF DIRECT COMMUNICATION WITH THE LOCAL FIRE DEPARTMENT: A TELEPHONE/CELL PHONE IS 	
	ACCEPTABLE PROVIDED THAT A TEST RUN OF THE DESIGNATED ROUTES VERIFIES SIGNAL STRENGTH OF THE CELL PHONE AT ALL LOCATIONS. 1.3 POSTING: SIGNS SHALL STATE,	EQUIPMEN MEP COMPONENT ANCHORAGE NOTE
	"WARNING, FIRE ALARM SYSTEM IS CURRENTLY INOPERABLE. A FIRE WATCH IS BEING CONDUCTED. FIRE WATCH PERSONNEL WILL NOTIFY YOU BY	ALL MECHANICAL, PLUMBING, AND ELECTRICAL CON COMPONENTS SHALL BE ANCHORED OR BRACED TO 7-16 CHAPTER 13, 26 AND 30.
	(STATE MEANS OF NOTIFICATION.) IN THE EVENT THAT BUILDING EVACUATION IS REQUIRED." <u>1.4 FIRE WATCH PERSONNEL:</u> THE SCHOOL DISTRICT SHALL DESIGNATE THE FIRE WATCH PERSONNEL WHO ARE FAMILIAR WITH AND ARE ARE TO DEPEOPMENT OF THE DUITIES AS DESCRIPTED IN THE FIRE WATCH DIAN. THE FIRE WATCH DEPEOPMENT SHALL NOT DEPEOPMENT OF THE FIRE WATCH DEPEOPMENT OF THE FIRE WATCH DEPEOPMENT.	1. ALL PERMANENT EQUIPMENT AND COMPONENTS 2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT "PERMANENTLY ATTACHED" SHALL INCLUDE ALL FL
	ABLE TO PERFORM THE DUTIES AS DESCRIBED IN THE FIRE WATCH PLAN. THE FIRE WATCH PERSONNEL SHALL NOT PERFORM FIREFIGHTING DUTIES BEYOND THE SCOPE OF AN ORDINARY CITIZEN. (USE OF PORTABLE FIRE EXTINGUISHERS IS PERMITTED, PROVIDED PROPER TRAINING IN THE USE OF FIRE EXTINGUISHERS HAS BEEN RECEIVED AND FIRE WATCH PERSONNEL FEEL CONFIDENT IN THEIR ABILITY TO SUPPRESS A FIRE.)	3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT N THAT DIRECTLY SUPPORT THE COMPONENT ARE R
	 1.5 THE FIRE WATCH PERSONNEL DUTIES: DUTIES SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING: FIRE WATCH PERSONNEL ARE TO BE THOROUGHLY FAMILIAR WITH FACILITIES AND AREAS THEY ARE PATROLLING. ROUTE SHALL BE A ROVING AND CONTINUOUS OBSERVATION OF THE ENTIRE FACILITY AT LEAST ONCE EACH HOUR. WHERE HAZARDOUS OPERATIONS (WELDING, USE OF OPEN FLAME) ARE OCCURRING. THE FREQUENCY SHALL BE EVERY THIRTY MINUTES. 	THE FOLLOWING MECHANICAL AND ELECTRICAL CO NOTED ABOVE. THESE COMPONENTS SHALL HAVE I MUUST ALLOW MOVEMENT IN BOTH TRANSVERSE A
	IDENTIFY ANY FIRE, LIFE OR PROPERTY HAZARDS TO APPROPRIATE CONTACT PER THE FIRE WATCH PLAN. IF A FIRE IS DISCOVERED, THE FIRE WATCH SHALL IMMEDIATELY: NOTIFY THE FIRE DEPARTMENT	A. COMPONENTS WEIGHING LESS THAN 400 POUND COMPONENT. B. COMPONENTS WEIGHING LESS THAN 20 POUNDS
	 NOTIFY OCCUPANTS OF THE FACILITY OF THE NEED TO EVACUATE BY A PREDESCRIBED SIGNAL AS OUTLINED IN 1.2 ABOVE. IF THE HORNS OR PUBLIC ADDRESS FUNCTION OF THE ALARM SYSTEM ARE STILL FUNCTIONAL, USE THEM TO ASSIST WITH EVACUATION OF THE BUILDING. 	FROM A WALL. THE ANCHORAGE OF ALL MECHANICAL, ELECTRICA STRUCTURAL ENGINEER DELEGATED RESPONSIBIL
BOX 24" MAX U U U U U U U U U U U U U U U U U U U	 FOLLOW THE PROVISIONS OF THE FIRE WATCH PLAN. HAVE KNOWLEDGE OF THE LOCATION AND USE OF FIRE PROTECTION EQUIPMENT SUCH AS FIRE EXTINGUISHERS. BE FAMILIAR WITH AND MANUALLY ACTIVATE FIRE DOOR RELEASES AND/OR STAGE ROOF VENTS OR STAGE FIRE CURTAIN AS 	ACCORDANCE WITH ABOVE REQUIREMENTS.
MAX MAX Att: MAX JLAR	 NECESSARY WHEN, IN THE JUDGMENT OF THE FIRE WATCH PERSONNEL, THOSE PORTIONS OF THE BUILDING ARE AFFECTED. UPDATE THE FIRE WATCH LOG AT THE CONCLUSION OF EACH FIRE WATCH ROUTE. <u>1.6 FIRE WATCH LOG:</u> A FIRE WATCH LOG SHOULD BE MAINTAINED AT THE FACILITY AND AVAILABLE TO THE LOCAL FIRE DEPARTMENT AND DEACH FIRE DEPARTMENT AND DESCRIPTION STAFE AT ALL TIMES DUPING THE FIRE WATCH. 	PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8° AN
34" MAX 34" MAX 34" MAX 34" MAX 34" MAX 36 DACH 1 A6"	THE LOG SHALL CONTAIN A DIRECTORY OF CONTACT NAMES, TELEPHONE NUMBERS AND OTHER INFORMATION NECESSARY FOR MAKING EMERGENCY CALLS.	THE METHOD OF SHOWING BRACING AND ATTACHN ON A PREAPPROVED INSTALLATION GUIDE (e.g., OS
FINISHED FLOOR	 THE LOG SHALL INDICATE THE FOLLOWING: ADDRESS OF THE FACILITY. NAME OF THE PERSON CONDUCTING THE FIRE WATCH. 	PRIOR TO THE START OF AND DURING THE HANGIN TO SUPPORT THE HANGER AND BRACE LOADS. MECHANICAL PIPING (MP) MECHANICAL DUCTS (MP)
MIN.15" A.F.F. BOTTOM OF BOX OUTLET BOX NOTE: MAINTAIN 30" X 48" CLEAR PARALLEL APPROACH FLOOR AREA AND CONTROLS	 TIMES THAT THE PATROL HAS COMPLETED EACH TOUR OF THE FACILITY. RECORD OF COMMUNICATION(S) TO THE FIRE DEPARTMENT. TERMINATION OF FIRE WATCH: WHERE THE FIRE WATCH IS REQUIRED DUE TO A FIRE ALL ARM SYSTEM INSTALLATION OF MODIFICATION. 	$MP \square MD \square PP \square E \boxtimes - OPTION 1: DETAILED ON NOTES AND DETAILS.$
	THE COMPLETED OR REPAIRED FIRE ALARM SYSTEM SHALL BE TESTED PER NATIONAL FIRE PROTECTION (NFPA) STANDARD 72 AND THE SYSTEM MANUFACTURER'S INSTALLATION REQUIREMENTS. TESTING AND INSPECTION OF THE SYSTEM SHALL BE DOCUMENTED UTILIZING THE NFPA 72 TESTING AND INSPECTION FORM. THE PROJECT INSPECTOR SHALL SUBMIT TO THE SCHOOL DISTRICT, A/E IN GENERAL RESPONSIBLE CHARGE, THE LOCAL FIRE AUTHORITY AND DSA, AS APPLICABLE, COPIES OF THE NFPA 72 "RECORD OF COMPLETION."	MP MD PP E - Option 2: Shall compl #
LOCATED NO MORE THAT 48" MEASURED FROM THE TOP OF THE DEVICES AND NO LESS THAN 15" MEASURED FROM THE BOTTOM OF THE DEVICES TO THE FINISH FLOOR OR PLATFORM.	 IT IS THE SCHOOL DISTRICT'S RESPONSIBILITY TO CANCEL THE FIRE WATCH ONCE THE FIRE PROTECTION SYSTEM HAS BEEN DEEMED OPERABLE AS COMMUNICATED BY THE PROJECT INSPECTOR. ONCE THE FIRE WATCH HAS BEEN CANCELLED, THE PROJECT INSPECTOR SHALL: NOTIFY THE LOCAL FIRE DEPARTMENT. 	
MOUNTING HEIGHT OVER CONSTRUCTION SCALE: 1	 NOTIFY DSA FIELD ENGINEER. VERIFY REMOVAL OF SIGNS. 	

SYMBOL LIST		ABBREVIATIONS	
(ALL SYMBOLS NOT NECESSARILY USED ON THESE DRAWINGS)			
ERIFY EXACT LOCATIONS AND HEIGHTS OF OUTLETS WITH ARCHITECTURAL INTERIOR	A.F.F.	ABOVE FINISH FLOOR	
	A.F.G.	ABOVE FINISH GRADE	
	AWG		
	AMP, A		
CONCEALED ABOVE ACCESSIBLE CEILING AREA OR MOUNTED ON ROOF.	AF/AT	AMP FRAME, AMP TRIP	
NNECTION TO EQUIPMENT AS REQUIRED, TYPICAL.	AS/AF	AMP SWITCH, AMP FUSE	
ADJACENT LINE INDICATES PANEL FRONT. ADJACENT BALLOON INDICATES PANEL	AV	AUDIO VISUAL	
A, SEE DRAWING E-I FOR FANEL SCHEDULE.	CIRC., CKT.		
BINET. ADJACENT LINE INDICATES CABINET FRONT.	СВ		
ABINET. ADJACENT LINE INDICATES CABINET FRONT.	С	CONDUIT	
JRE, SURFACE OR FLUSH MOUNTED AS INDICATED ON FIXTURE SCHEDULE, ON WALL MOUNTED 90". STEM INDICATES WALL MOUNTED OUTLET BOX, TYPICAL.	C.O.		
	CONN	CONNECTED	
	DIA		
OGGLE SWITCH, ON FLUSH WALL MOUNTED OUTLET BOX, +45". INSTALL MULTIPLE SWITCHES ON COVER PLATE, SUBSCRIPT OR SUPERSCRIPT AT SWITCH SYMBOL INDICATES THE FOLLOWING:	EMCS		
POLE 4 - FOUR WAY M - MANUAL MOTOR STARTERS AY P - PILOT LIGHT K - KEY OPERATED	EMT		
MENTARY CONTACT RELAY SWITCH V - VAPOR PROOF - MULTIPLE SWITCHES WITH IDENTIFICATION OF OUTLET CONTROLLED.	EWC		
DUI E DESIGNATION: "2" INDICATES FIXTURE TYPE. "100" INDICATES FIXTURE TOTAL WATTAGE	E-O-L	END-OF-LINE CIRCUIT TERMINATOR	
	EF		
IT, "C" INDICATES DETAIL, "E-2" INDICATES DRAWING WHERE DETAIL OCCURS.	ER _	EXISTING EQUIPMENT TO BE REMOVED	
	E		
LOUT. REFER TO CORRESPONDING NOTE ON DRAWING WHERE CALLOUT OCCURS.	FT. OR '	FEET	
	FA	FIRE ALARM	
2° C - 2 #12, 1#12(GRD) $\rightarrow +++ +++ = 3/4^{\circ}$ C - 6 #12, 1#12(GRD) 2° C - 3 #12, 1#12(GRD) $\rightarrow ++++ +++ = 1^{\circ}$ C - 7 #12, 1#12(GRD)	FLA	FULL LOAD AMPS	
I" C - 4 #12, 1#12(GRD) ++++++++ 1 " C - 8 #12, 1#12(GRD)	GFI	GROUND FAULT INTERRUPTER	
	GRD	GROUND	
ALLED CONCEALED IN OR UNDER FLOOR OR BELOW GRADE, 3/4°C. MINIMUM.	HVAC	HEATING, VENTILATING AND AIR CONDITIONING	
ALLED EAFUSED.	H.,W.,D.,L.	HEIGHT, WIDTH, DEPTH, LENGTH	
	HP	HORSEPOWER	
ID CONDULT STUBOUT, STUB 5'-0" FROM BUILDING OR WALKWAY, CAP, MARK AND	IDF		
IDUIT SLEEVE(S) THROUGH WALL ABOVE THE CEILING. NUMBER AND SIZE OF CONDUITS	IN. OR "	INCHES	
	IG	ISOLATED GROUND	
DUIT.	J-BOX		
YSTEM - 3/4"C. WITH FIRE ALARM SYSTEM CONDUCTORS AS SPECIFIED.	KVA	KILOVOLT AMPERES	
	KW	KILOWATT	
SS SYSTEM - 3/4°C., WITH CONDUCTORS AS SPECIFIED. ITH CONDUCTORS AS SPECIFIED.	LCL	LONG CONTINUOUS LOAD	
YSTEM - 1"C. WITH CONDUCTORS AS SPECIFIED	L.O.	LUGS ONLY	
	LTG, LTS	LIGHTING	
TECHON STSTEM - 3/4 C. WITH CONDUCTORS AS SPECIFIED.	MCB		
DF PUBLIC ADDRESS/CLASS PASSING SPEAKER, HOUSING & GRILLE, FLUSH WALL MOUNTED, +90".	MDF		
TA PROCESSING SYSTEM - 3/4"C., WITH ONE(1) CAT6 CABLE AS SPECIFIED.	MH	METAL HALIDE	
TH TWO(2) CAT6E CABLES AS SPECIFIED. WITH THREE(3) CAT6E CABLES AS SPECIFIED.	MCC		
WITH FOUR(4) CAT6E CABLES AS SPECIFIED.	мсм		
SINGLE WIRE CLOCK/SPEAKER SURFACE MOUNTED WITH DATA JACK AND CAT 6 CABLE BACK TO IDP.	мср		
	MLO		
VITH CONDUCTORS AS SPECIFIED STUB INTO ACCESSIBLE CEILING SPACE.	MID	MOUNTED	
ECTION MOTION SENSOR ON FLUSH CEILING MOUNTED OUTLET BOX.	NEC		
	NC		
TA OUTLET WITH SINGLE DATA OUTLET CONNECTOR, ON FLUSH IN WALL	NU		
SIBLE CEILING SPACE UNLESS NOTED OTHERWISE. PROVIDE CATA			
LE AS SPECIFIED FROM THE OUTLET TO THE RESPECTIVE MDF/IDF.	NU. UR #		
TA OUTLET WITH TWO (2) DATA OUTLET CONNECTORS, ON FLUSH IN WALL	PRIMARY		
SIBLE CEILING SPACE UNLESS NOTED OTHER TO THE PROVIDE TWO (2) CAT 6			
K CABLES AS SPECIFIED FROM THE OUTLET TO THE RESPECTIVE MDF/IDF.	PROVIDE		
JTLET ON FLUSH WALL MOUNTED OUTLET BOX, +18" WITH A DUPLEX ITLET CONNECTOR AND A RG-6 COAXIAL CABLE HOMERUN TO NEAREST		PUBLIC ADDRESS	
GNAL CONTROL PANEL OR TERMINAL CABINET WITH 3/4"C. STUB IN CEILING	REC, RECEPT	RECEPTACLE	
	REF		
ENIENCE RECEPTACLE VERTICAL ON FLUSH WALL MOUNTED OUTLET BOX, +18". LL MOUNTED OUTLET BOX, TYPICAL.	RGS		
	RL		
EX (FOUR-PLEX) CONVENIENCE RECEPTACLE ON ONE FLUSH WALL MOUNTED OUTLET BOX	SECONDARY	600 VOLTS AND LESS	
KER STATIONARY (NON-DRAWOUT) SECONDARY VOLTAGE.	0	INDIGATES DEVICE ON SURFACE WALL MOUNTED OUTLET BOX.	
NDUIT(S) RISING UP.	TV	TELEVISION	
	TYP	TYPICAL	
LDING GROUND ROD. SEE DETAIL A/E0-2.	U.N.O.	UNLESS NOTED OTHERWISE	
	V	VOLTS	
	VA	VOLT AMPERES	
	WP	WEATHERPROOF	
	W	WIRE	
	DFCI	DISTRICT FURNISHED CONTRACTOR INSTALLED	

DMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING O MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE

THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. LECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE. WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

OMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH REFERENCES FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS AND LONGITUDINAL DIRECTIONS:

DS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE S, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG

AL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR LITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN

ION SYSTEM BRACING NOTE

ON SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

MENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED SHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE NG AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE

D), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

N THE APPROVED DRAWINGS WITH PROJECT SPECIFIC

LY WITH APPLICABLE OSHPD PRE-APPROVAL (OPM#)



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