

SITE IMPROVEMENTS FOR (10) RELOCATABLE CLASSROOM BUILDINGS (TEMPORARY)

Mt Vernon Elementary School
Bakersfield City School District

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-123039 INC:
REVIEWED FOR
DATE: 06/15/2023



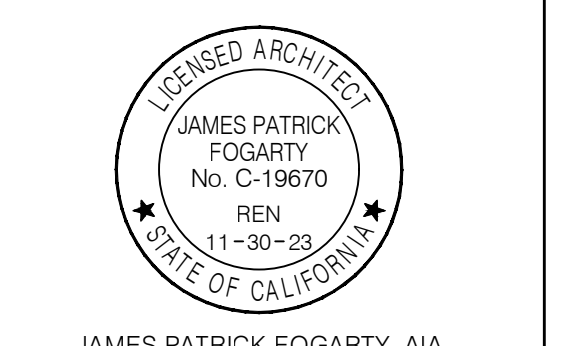
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SITE IMPROVEMENTS FOR (10) RELOCATABLE CLASSROOM BUILDINGS

Mt Vernon Elementary School

2161 Potomac Ave. Bakersfield, CA 93307
Bakersfield City School District

ARCHITECT



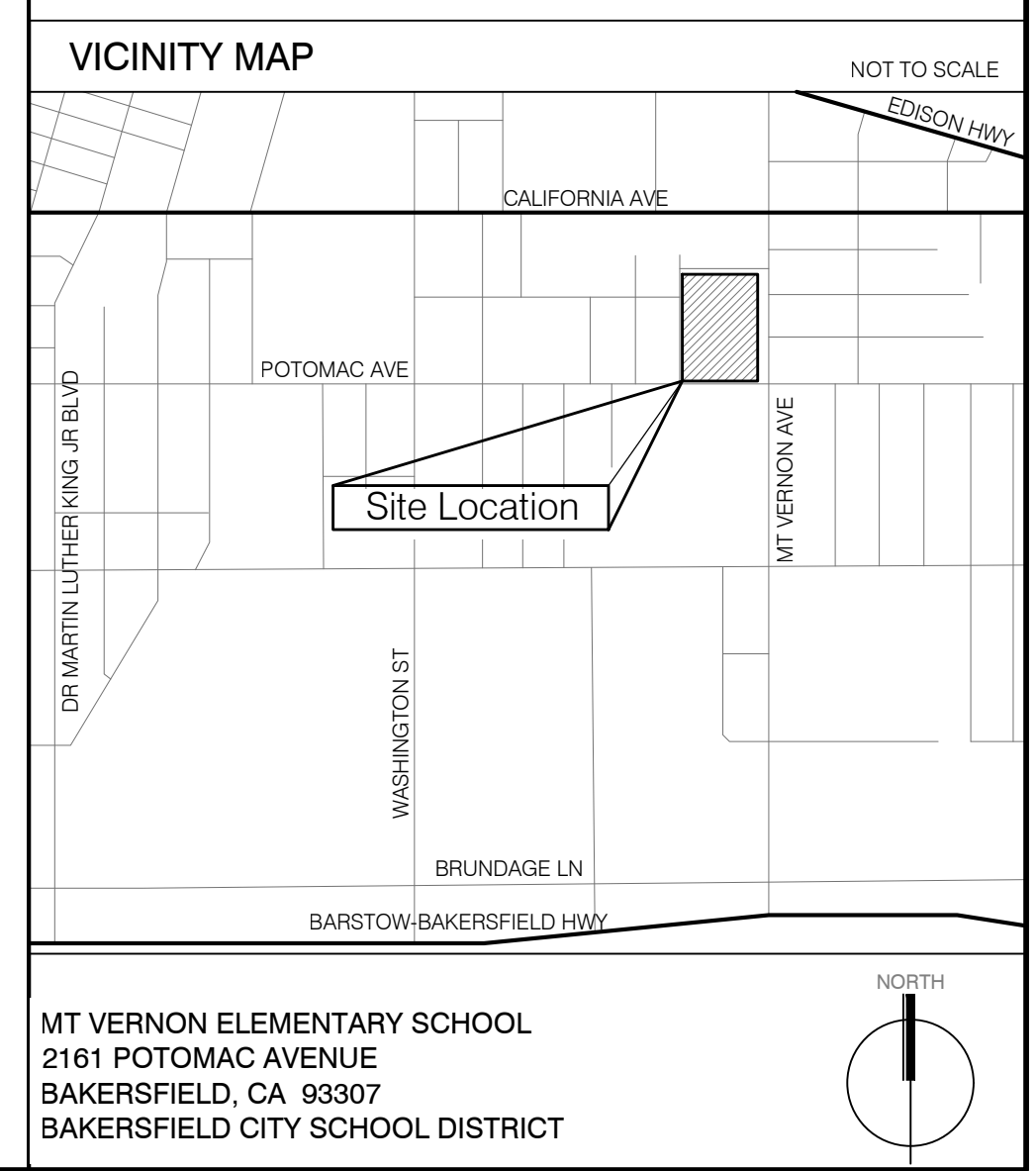
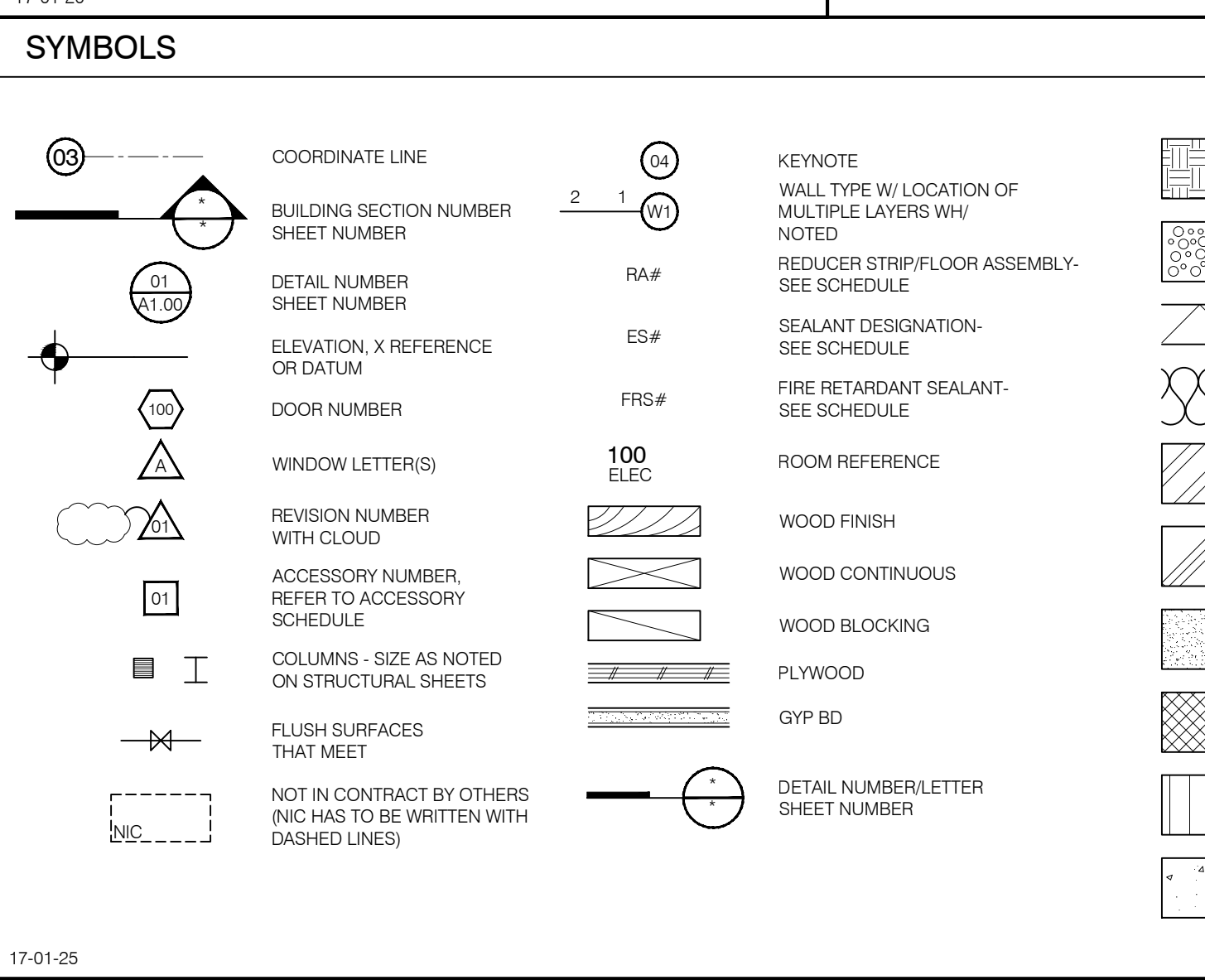
JAMES PATRICK FOGARTY, AIA
ARCHITECT C-19670



CONSULTANT

SHEET INDEX		31 SHEETS		DSA NOTES		GENERAL NOTES		APPLICABLE CODES		BUILDING ANALYSIS AREA (MODULAR BLDGS)							
Architectural Sheets 4 SHEETS A0.00 TITLE SHEET A1.00 CAMPUS SITE PLAN A1.20 PARTIAL SITE PLANS A8.00 DETAILS		Civil Sheets 2 SHEETS C1.00 COVER SHEET C2.00 GRADING PLAN		Electrical Sheets 13 SHEETS E0.01 NOTES, SYMBOLS & DETAILS E0.02 OUTDOOR LIGHTING COMPLIANCE FORMS E0.04 FIRE ALARM/RISE DIAGRAM E0.05 FIRE ALARM INFORMATION AND SAFETY NOTES E0.06 FIRE ALARM DETAILS E1.00 ELECTRICAL SITE PLAN AND FIXTURE SCHEDULE E1.10 ELECTRICAL GROUNDING PLAN E1.20 PARTIAL ELECTRICAL SITE PLAN E1.30 FIRE ALARM PLAN E1.40 DATA/COMMUNICATIONS PLAN E2.00 ENLARGED FIRE ALARM & COMMAND DATA PLAN E3.00 ELECTRICAL SPECIFICATIONS E4.00 FIRE ALARM SPECIFICATIONS		Relocatable Building Sheets (Prepared By Others) 12 SHEETS Modtech Inc. (STKP A#66341) A0 TITLE SHEET A1.00 FLOOR PLAN A3.0A EXTERIOR ELEVATIONS S1.2 STRUCTURAL DETAILS M1.0 MECH (HVAC) PLAN E1.0A ELECTRICAL PLAN R1.0 RAMP AND LANDING PLAN R2.0 RAMP AND STAIR DETAILS Elite Modular Sales and Leasing Inc. (A#04-120373 PC) CP COVER SHEET WFS-01 STRUCTURAL SPECIFICATIONS WOOD FOUNDATIONS WF-04 WOOD FOUNDATION PLAN WFD-01 FOUNDATION DETAILS		1. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR). 2. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR A CCD APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY TITLE 24, CCR, PART 1, SECTION 4, GROUP 1, 4-338. 3. A CLASS 3 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. 4. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS OF DSA AND OTHER APPROVING/PERMITTING AUTHORITIES IN THE EVENT OF ANY DISCREPANCIES, CONFLICTS OR DUAL REQUIREMENTS THE MORE RESTRICTIVE REQUIREMENTS WILL PREVAIL. 5. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT. 6. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES. 7. THE PATH OF TRAVEL (P.O.T.) IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISION FOR THE POT REQUIREMENTS FOR ALTERATION, ADDITIONS AND STRUCTURAL REPAIRS, AS PART OF THE DESIGN OF THIS PROJECT. THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NON-COMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECTS WORK THROUGHOUT THESE DRAWINGS AND SPECIFICATIONS INCORPORATING INTO THESE CONSTRUCTION DOCUMENTS, ANY NON-COMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDINGS OF UNREASONABLE HARSHNESS ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. 8. DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THIS PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NON-COMPLYING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT TO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.		1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CALIFORNIA CODE OF REGULATIONS (TITLE DOCUMENTS) AND ALL OTHER LOCAL CODES AND ORDINANCES OF THE GOVERNING AUTHORITY HAVING JURISDICTION AND AS IDENTIFIED UNDER APPLICABLE CODES ON THIS SHEET. IT IS THE INTENT OF THESE DOCUMENTS TO COMPLY HERETO. 2. ALL DRAWINGS SHALL BE USED IN CONCERT WITH EACH OTHER. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCY BETWEEN THE DOCUMENTS, THE CONTRACTOR SHALL REQUEST IN WRITING A CLARIFICATION FROM THE ARCHITECT. REFER TO THE ARCHITECTURAL AND ENGINEERING DRAWINGS FOR PLACEMENT, ORIENTATION AND COORDINATION OF WORK. INFORMATION SHOWN IN LARGER SCALE IS INTENDED TO SUPPLEMENT INFORMATION OF SMALLER. PRECEDING REFERENCE DRAWINGS, LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS. 3. NOTATION MARKED "TYPICAL" (TYP) SHALL BE CONSISTENT THROUGHOUT ALL SUCH REFERENCE NOMENCLATURE, SYMBOLS AND DRAWING INDICATIONS OF LIKE OR SIMILAR KIND. 4. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY CONSTRUCTION CONDITIONS AND DIMENSIONS PRIOR TO ORDERING, FABRICATING OR INSTALLING ANY ASSOCIATED WORK. IF DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL REQUEST IN WRITING A CLARIFICATION FROM THE ARCHITECT PRIOR TO COMMENCEMENT OF ANY ASSOCIATED WORK. 5. CONTRACTOR SHALL VERIFY AT THE SITE ALL EXISTING CONDITIONS PRIOR TO SUBMITTAL OF BIDS. SITE VISITS DURING BIDDING SHALL BE COORDINATED WITH THE OWNER IN ACCORDANCE WITH THE PROVISIONS OF THE SPECIFICATIONS. 6. CONTRACTOR SHALL PROTECT ALL EXISTING WORK. ANY DAMAGED WORK SHALL BE REPLICATED WITH THE SAME MATERIALS, INCLUDING MATCHING THE EXISTING COLORS AND TEXTURES. 7. EXISTING WORK IS SHOWN FOR REFERENCE ONLY. THE OWNER AND/OR ARCHITECT DO NOT GUARANTEE EXISTING CONDITIONS AS SHOWN ON THESE DOCUMENTS. 8. CONTRACTORS SHALL BE RESPONSIBLE FOR THEIR OWN CLEANUP WORK PROGRESS. 9. MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS THAT ARE DISCOVERED DURING THE PROGRESS OF THE WORK SHALL BE REFERRED TO THE OWNER IN WRITING. WORK IN THAT PARTICULAR AREA SHALL BE SUSPENDED UNTIL THE OWNER TESTS THE SUSPECT MATERIAL AND IT IS FOUND TO BE SAFE, OR THE MATERIAL HAS BEEN PROPERLY ABATED. 10. ALL WORK IS NEW UNLESS OTHERWISE NOTED. 11. IN THE EVENT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE CONSTRUCTION DOCUMENTS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN. 12. STORAGE OF CONSTRUCTION MATERIAL AND EFFECT OF WORK ON EXISTING OCCUPIED AREAS SHALL BE APPROVED BY THE LOCAL FIRE AUTHORITY. 13. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL WORK PROVIDED BY OTHERS UNDER SEPARATE CONTRACT(S). 14. KEYNOTES USED ON THE ARCHITECTURAL DRAWINGS ARE FOR ASSEMBLIES, MATERIAL REFERENCES AND NOTES. REFER TO THE KEYNOTES LIST ON THE RESPECTIVE DRAWING FOR THE INFORMATION TO EACH KEYNOTE. 15. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH CFC CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION. 16. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH CFC CHAPTER 33, SAFETY DURING CONSTRUCTION. 17. NO CHANGES OR REVISIONS SHALL BE MADE FOLLOWING WRITTEN APPROVAL WHICH AFFECTS ACCESS COMPLIANCE ITEMS UNLESS SUCH CHANGES OR REVISIONS ARE SUBMITTED TO DSA FOR APPROVAL. 18. SUBSTITUTIONS AFFECTING DSA REGULATIONS SHALL BE SUBMITTED AS A CONSTRUCTION CHANGE DOCUMENT (CSA 140) OR ADDENDA AND APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION.		19. GROUND TEST AND FIRE ALARM TESTS SHALL BE WITNESSED BY THE INSPECTOR. 20. CONSTRUCTION SITE MUST BE IN COMPLIANCE WITH CFC CHAPTER 14 AT ALL TIMES. 21. ONE COPY OF TITLE 24 CCR PARTS 1-4 AND 9 SHALL BE KEPT ON SITE DURING CONSTRUCTION. 22. MINIMUM BEARING CAPACITY OF THE SOIL IS 1000 PSF FOR ALL SITES IN THIS PROJECT. 23. RELOCATABLE ARE TO BE APPROVED FOR CLIMATE ZONE 13. 24. NOTIFY ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT FIELD ENGINEER IF ANY DISCREPANCIES OCCUR. 25. THE PROVISIONS OF CBC AND CFC, CHAPTER 33, SHALL BE ENFORCED ON THIS PROJECT. 26. ALL EXITS SHALL BE OPERABLE DURING BUSINESS HOURS FROM INSIDE WITHOUT USE OF A KEY OR ANY SPECIAL KNOWLEDGE. NO DEAD OR SLUG BOLTS, NO LATCH OR LATCHING DEVICE EXCEPT PANIC HARMONIC PERMITTED (CBC 1010.1.9, 1010.1.9.4). 27. CONCRETE STRENGTH IS TO BE MINIMUM 3000 PSI AT 28 DAY CURE IS TO BE ASTM C191 TYPE III. 28. WHENEVER DSA FINDS ANY CONSTRUCTION WORK IS BEING PERFORMED IN A MANNER CONTRARY TO THE PROVISIONS OF CALIFORNIA BUILDING CODE AND THAT WOULD COMPROMISE THE STRUCTURAL INTEGRITY OF THE BUILDING, THE DEPARTMENT OF GENERAL SERVICES, STATE OF CALIFORNIA, IS AUTHORIZED TO ISSUE A STOP WORK ORDER PER SECTION 4-334.1 CALIFORNIA ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR). 29. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHENEVER THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(6), PART 1, TITLE 24, CCR). 30. ALL STRUCTURAL, ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING MATERIALS INSTALLATION TO COMPLY WITH APPLICABLE CODES, STANDARDS, AND MANUFACTURERS RECOMMENDATIONS. 31. IF ANY CONDITION IS DISCOVERED WHICH IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONTRACTOR MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A CONSTRUCTION CHANGE DOCUMENT, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK. 32. FOUNDATIONS ARE DESIGNED BASED ON A SOIL-BEARING PRESSURE OF 1000 PSF.		Title 19, CCR CCR PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS Title 24, CCR PART 1 2022 CALIFORNIA ADMINISTRATIVE CODE PART 2 2022 CALIFORNIA BUILDING CODE VOLUME 1 AND 2 (2021 IBC, WITH 2022 CALIFORNIA AMENDMENTS) PART 3 2022 CALIFORNIA ELECTRICAL CODE (2021 EDITION NATIONAL ELECTRICAL CODE WITH 2022 CALIFORNIA AMENDMENTS) PART 4 2022 CALIFORNIA MECHANICAL CODE (2021 EDITION IAPMO UNIFORM MECHANICAL CODE) PART 5 2022 CALIFORNIA PLUMBING CODE (2021 EDITION IAPMO UNIFORM PLUMBING CODE) PART 6 2022 CALIFORNIA ENERGY CODE PART 8 2022 CALIFORNIA HISTORICAL BUILDING CODE PART 9 2022 CALIFORNIA FIRE CODE (2021 EDITION, INTERNATIONAL FIRE CODE) PART 9 2013 CALIFORNIA FIRE CODE CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION PART 10 2022 EXISTING BUILDING CODE (2021 INTERNATIONAL EXISTING BUILDING CODE) PART 11 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE PART 12 2022 CALIFORNIA REFERENCED STANDARDS CODE NFPA 13 2022 EDITION, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS 2022 OF CALIFORNIA NFPA 14 2019 EDITION, STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS NFPA 17 2021 EDITION, STANDARD DRY CHEMICAL EXTINGUISHING SYSTEMS SERVICE MANS AND THEIR APPLICATIONS NFPA 17A 2021 EDITION, STANDARD WET CHEMICAL EXTINGUISHING SYSTEMS NFPA 20 2019 EDITION, STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION NFPA 22 2018 EDITION, STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION NFPA 24 2019 EDITION, STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MANS AND THEIR APPLICATIONS NFPA 25 2013 EDITION, STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS (CA AMENDED) NFPA 72 2022 EDITION, NATIONAL FIRE ALARM AND SIGNALING CODE 2022 OF CALIFORNIA NFPA 80 2019 EDITION, STANDARD FOR FIRE DOOR AND OPENING PROTECTIVES		TYPE OF CONSTRUCTION: V-B OCCUPANCY CLASSIFICATION: EDUCATION-E TABULAR ALLOWABLE AREA: 9,500 SF (TABLE 506.2) BLDG AREA INCREASE: EQUATION 5-2 (506.2.1): $A_2 = (A_1 \times 1.05 \times 1)$ $A_1 = (9,500 \times 1)$ $A_2 = 9,925$ (TABLE 506.3) $A_2 = 9,925 > (9,500 \times 1.2)$ $A_2 = 14,250$ SF RELOCATABLE FLOOR AREA: 960 SF (PER RELOCATABLE) OVERHANG AREA: 120 SF (PER RELOCATABLE) TOTAL BUILDING FLOOR AREA: 10,200 (960X10) + (120X10/2) = 11,250 SF OCCUPANT LOAD: 48 OCCUPANTS PER RELOCATABLE BLDG (480 TOTAL) BUILDING HEIGHT: +11'-0" < ALLOWABLE HEIGHT (40'-0") (TABLE 504.3) NUMBER OF STORES: ONE = ALLOWABLE STORES (ONE) (TABLE 504.4) AUTOMATIC SPRINKLERS: NO STAND PIPE: NOT REQUIRED FIRE ALARM: YES SEISMIC DESIGN CATEGORY: D $S_s = 0.340$ $S_1 = 0.344$ $S_2 = 0.759$ $S_3 = 0.461$ WIND LOAD ANALYSIS: 110 MPH - EXPOSURE C FEMA FIRM PANEL NO.: 06020C2325E 98/05/2008 EFFECTIVE DATE FLOOD HAZARD ZONE VE (0.2%) BASE FLOOD ELEVATION (BFE) -40DF COMMUNITY ORDINANCE (CAC) 16-74-040 (AREA OF MINIMAL FLOOD HAZARD)	

DIRECTORY		ABBREVIATIONS		SCOPE OF WORK		FIRE PROTECTION		ARCHITECT'S STATEMENT		DETERIORATION OR EX NON-COMPLIANT CONSTRUCTION STATEMENT			
Owner BAKERSFIELD CITY SCHOOL DISTRICT 1300 BAKER STREET BAKERSFIELD, CA 93303 PHONE: (661) 831-7851 FAX: (661) 831-7813 ATTN: MIKE HAMLIN		Architect AP ARCHITECTS 3434 TRUXTUN AVENUE, SUITE #240 BAKERSFIELD, CA 93301 PHONE: (661) 327-1690 FAX: (661) 327-7204 ATTN: J. PATRICK FOGARTY, AIA		Civil Engineer CORNERSTONE ENGINEERING, INC. 5500 YOUNG STREET BAKERSFIELD, CA 93311 PHONE: (661) 325-9474 ATTN: CLAUDE A. WHITTEN		Electrical Engineer JIMPE ELECTRICAL ENGINEERING 5500 MING AVENUE BAKERSFIELD, CA 93309 PHONE: (661) 831-6713 ATTN: JOHN MALONEY		Relocatable Building Vendor WILLSCOT 3091 INDIAN AVE PERRIS, CA 92377 PHONE: (909) 292-3554 ATTN: RODRIGO SALAZAR		Relocatable Building Vendor WILLSCOT 3091 INDIAN AVE PERRIS, CA 92377 PHONE: (909) 292-3554 ATTN: RODRIGO SALAZAR		Relocatable Building Vendor WILLSCOT 3091 INDIAN AVE PERRIS, CA 92377 PHONE: (909) 292-3554 ATTN: RODRIGO SALAZAR	
Owner AB ANCHOR BOLT ACC ASPHALT CONCRETE, AIR CONDITIONING ACC ACCESS CONTROL ACCOUS ACOUSTICAL ADJ ADJACENT AFF ABOVE FINISH FLOOR AGG AGGREGATE ALT ALTERNATE ALUM ALUMINUM ANDO ANODIZED APPROX APPROXIMATE ARCH ARCHITECT (URL) AS ADJUSTABLE SHELF(S) B BLANK CABINET PANEL BD BOARD BLK BLOCK BLOG BUILDING BLNG BLOCKING BM BEAM BOT BOTTOM BUR BUILT UP ROOFING CAB CABINET CEM CEMENT CI CAST IRON CJ CONTROL JOINT CON CONTROL CONSTRUCTION CFU JOINT FILLED CL CENTERLINE CLG CEILING CLR CLEARANCE/COLOR CMU CONCRETE MASONRY UNIT CNTR COUNTER CO CLEAN OUT COB CITY OF BAKERSFIELD COC CITY OF COALINEA COL COLUMN CONC CONCRETE CON CONNECTION CONT CONTINUOUS OR CONTINUE COP CONTROL OPERATIONS PANEL CP CARPETED CR CARD READER CSB COVERED SHEET VINYL BASE CTSK COUNTER SINK CU CONDENSER UNIT PEN PENNY (NAIL) D DRAWER DBL DOUBLE DEMO DEMOLITION DET DETAIL DF DRINKING FOUNTAIN DG DECOMPOSED GRANITE DA DIAMETER DN DIMENSION DS DISABLED DL DEAD LOAD DN DOWN DSP DOWN SPOUT DT DETAIL DTR DUCT THRU ROOF DWG(S) DRAWING(S) E EAST EA EACH ED ELECTRIC DRINKING FOUNTAIN EF EXHAUST FAN EFS EXTERIOR INSULATION AND FINISH SYSTEM		EJ EXPANSION JOINT ELEC ELECTRICAL ELEV ELEVATION EPIC ELECTROSTATIC POWDER COATING EPS ELECTROSTATIC PAINTING SYSTEM EQ EQUIP ES ELASTOMERIC SEALANT EX EXIST EXH EXHAUST EXT EXTERIOR EW EACH WAY F(F) FUTURE FOO FLOOR CLEANOUT FD FLOOR DRAIN FDN FOUNDATION FEK FIRE EXTINGUISHER FG FINISH GRADE FIN FINISHED FLR FLOORING CABINETS ON CENTER(S) FOC FACE OF CONCRETE FOP FACE OF FINISH CMU FACE OF MASONRY FOS FACE OF STUDS FOIC FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR FRMG FRAMING FRS FIRE RETARDANT SEALANT FS FIXED SHELF FTG FOOTING FURR FURRED (ING) FV FIELD VERIFY G GAGE, GAUGE GAL GALVANIZED IRON GL GLASS, GLAZING GND GROUNDING GWY GLAZED WALL TILE GYP GYPSUM HB HOSE BIBB HC HOLLOW CORE HD HEAVY DUTY HDR HEADER HORD HARDBOARD HWD HARDWOOD HDWR HARDWARE HPEX HALON FIRE EXTINGUISHER HM HOLLOW METAL HORIZ HORIZONTAL HT HEIGHT HVAC HEATING/VENTILATING/ AIR CONDITIONING ID INSIDE DIAMETER INFO INFORMATION INSUL INSULATE (I, ION) INT INTERIOR JST JOINTS K KICKER KS KNEE SPACE LAV LAVATORY LL LIVE LOAD LT LIGHT EXHAUST FAN EXTERIOR INSULATION AND FINISH SYSTEM		MC MEDICINE CABINET MDO MEDIUM DENSITY OVERLAY MECH MECHANICAL MEP MECHANICAL, ELECTRICAL, PLUMBING MET METAL MIN MINIMUM MR MIRROR MSC MISCELLANEOUS NO NOTED MNT MOLDED RUBBER FLOOR TILE MT METAL THRESHOLD MS MOLDED MTL MATERIAL N NORTH NAT NATURAL NC NOT IN CONTRACT NO NUMBER NOM NOMINAL NTS NOT TO SCALE OBS OBSOLETE ON ON CENTER(S) OD OUTSIDE DIAMETER OFRD OVERFLOW ROOF DRAIN OFR FACE OF FINISH OH OVERHEAD OPEN OPENING PA PLANTING AREA PFR POLYURETHANE FOAM ROOFING PJ POLE JOINT TP TOP OF FINISH PL PROPERTY LINE PLAM PLASTIC LAMINATE PLUS LAM PLASTIC LAMINATE PLY PLASTER PLG PLUMBING PRC POLYURETHANE ROOF COATING P.T. PATH OF TRAVEL PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH PT PRESSURE TREATED PAV PAVEMENT PWD PLYWOOD RA RETURN AIR, RUBBER RA ACCESSORY RUBBERED ASPHALT SHEET RASFL RUBBERED ASPHALT SHEET FLASHING RASWD RUBBER ASPHALT SHEET WATER PROOFING RAD RADIUM RD ROOF DRAIN REF REFLECTED REG REGISTER REQ(S) REQUIREMENT(S) REQD REQUIRED REV REVISION(S), REVISED RM ROOM RO ROUGH OPENING ROW RIGHT OF WAY RR ROOF RAFTER RS REDUCER STRIP RSTA RUBBER STAIR TREAD RWB RUBBER WALL BASE S SOUTH SC SOLID CORE		SCHED SCHEDULE SD STORM DRAIN SF SQUARE FOOT(S)/STOREFRONT SPREAD FIRE RESISTIVE MATERIAL SG SAFETY GLAZING (FULLY TEMPERED) SHG SHEATHING SHT(S) SHEET(S) SIM SIMILAR SJ SEALED JOINT SJF SAWN JOINT FILLED SP SPEC POLYMER SPEC (S) SPECIFICATION(S) SQ SQUARE SS STAINLESS STEEL STD(S) STANDARD(S) STK STOCKPILE STL STEEL STOR STORAGE STRUCT STRUCTURAL T TEMPERED TAB TOP/MIDDLE/BOTTOM TAC TOP OF ASPHALT CONCRETE TC TOP OF CONCRETE TER TERRAZZO TH THICKNESS TOC TOP OF CONCRETE TOS TOP OF SEAT TOW TOP OF WALK TP TOP OF FINISH TV TELEVISION TW TOP OF WALK TWP TRANSLUCENT WALL PANEL TYP TYPICAL UCMT UNGLAZED CERAMIC MOSAIC TILE UG UNDERGROUND UNO UNLESS NOTED OTHERWISE URN URINAL VCT VINYL COMPOSITE FLOOR TILE VCB VINYL COVERED TACKBOARD VERT VERTICAL VTS VINYL TACK SURFACING WVC VINYL WALL COVERING W WOOD W/ WITH WC WATER CLOSET WD WOOD WH WHERE WI WROUGHT IRON W/O WITHOUT WP WATERPROOFING WRB WEATHER RESISTIVE BARRIER WT WEIGHT WWF WELDED WIRE FABRIC XMR TRANSFORMER		COMPLETE FIRE ALARM PLAN SUBMITTAL: THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESUBMITTED TO THE DIVISION OF THE STATE ARCHITECT FOR REVIEW. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION. PROVIDE ONE 4A 10 BC RATED EXTINGUISHER FOR EACH CLASSROOM WITHIN THE PROJECT AREA CALCULATION. IDENTIFIED BY THE FOLLOWING NUMBERS: STOCKPILE #46541 SN#22831-32, #29794-95, #29816-17, #29894-95, #22541-42, #29927-73, #29917-75, #30016-17, #29920-66, #30282-83 ELITE MODULAR WOOD FOUNDATION: APP: 04-120373 PC		ARCHITECTS/ENGINEERS STATEMENT OF GENERAL CONFORMANCE WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS THESE DRAWINGS AND/OR SPECIFICATIONS AND/OR CALCULATIONS FOR THE ITEMS LISTED BELOW HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED BY ME FOR DESIGN INTENT AND HAVE BEEN FOUND TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME. THE ITEMS LISTED BELOW HAVE BEEN COORDINATED WITH MY PLANS AND SPECIFICATIONS AND ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT FOR WHICH I AM THE INDIVIDUAL DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE (OR FOR WHICH I HAVE BEEN DELEGATED) RESPONSIBILITY FOR THIS PORTION OF THE WORK. LIST ITEMS REVIEWED AND ACCEPTED: REFER TO SHEET INDEX FOR A LIST OF DRAWINGS "PREPARED BY OTHERS" INCLUDING ALL DRAWINGS AND/OR CALCULATIONS PREPARED FOR BY: MODO TECH INC. IDENTIFIED BY THE FOLLOWING NUMBERS: STOCKPILE #46541 SN#22831-32, #29794-95, #29816-17, #29894-95, #22541-42, #29927-73, #29917-75, #30016-17, #29920-66, #30282-83 ELITE MODULAR WOOD FOUNDATION: APP: 04-120373 PC THE STATEMENT OF GENERAL CONFORMANCE SHALL NOT BE CONSIDERED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 1782 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341, AND 4-344 OF TITLE 24, PART 1, (TITLE 24, PART 1, SECTION 4-317.3)		IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS FOR THE EDITION OF CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONTRACTOR MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A CONSTRUCTION CHANGE DOCUMENT (CCD) OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.	
17-01-21M		17-01-24M		17-01-19M		17-01-12		17-01-12		17-01-12			



PROJECT INFO

Project No	566-005
Date	05.08.23
DSA File No	15-4
DSA No	03-123039

REVISIONS

No	Date	Item
1	05.08.23	DESCRIPTION

TITLE SHEET

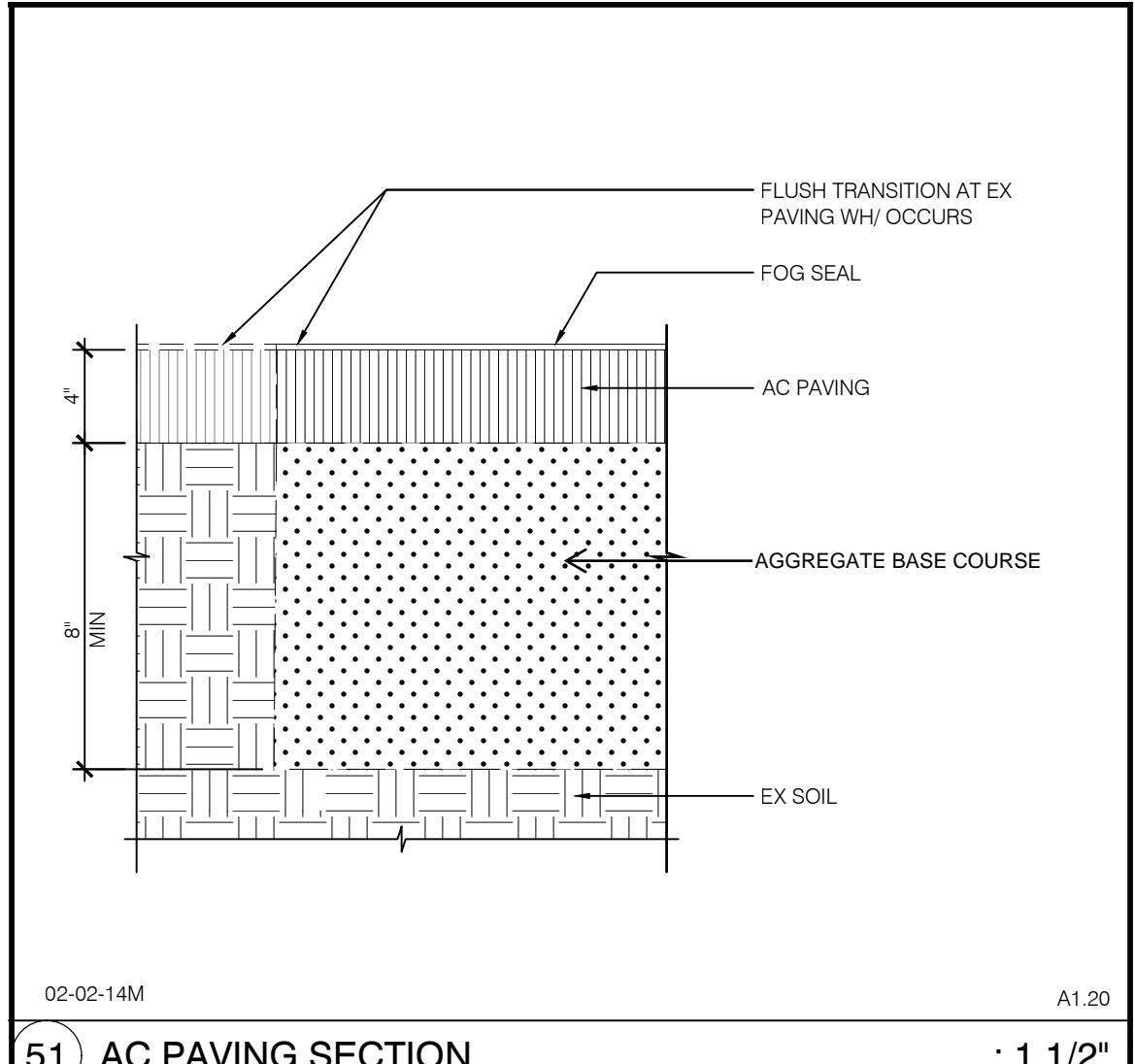
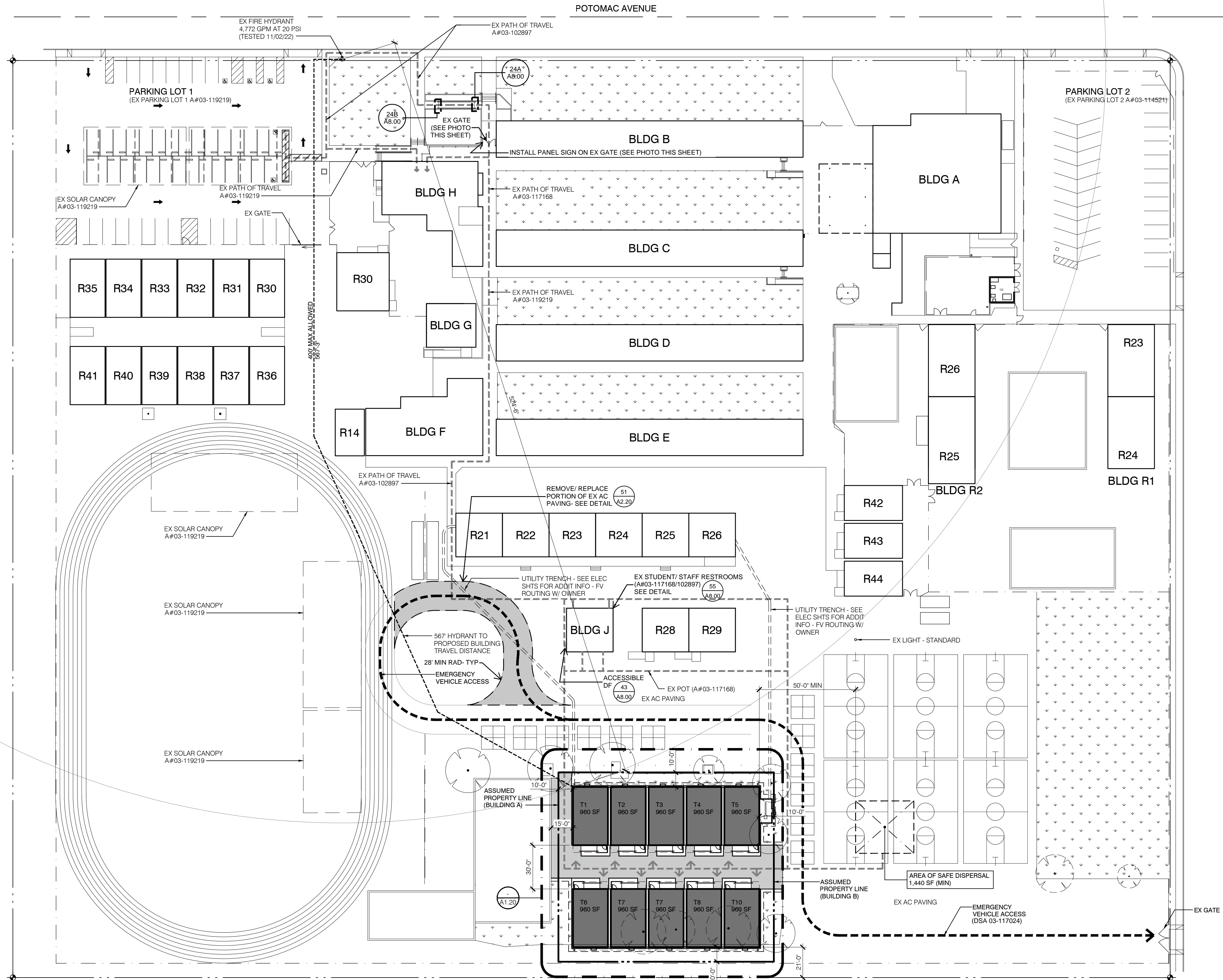
MT VERNON ELEMENTARY SCHOOL
2161 POTOMAC AVENUE
BAKERSFIELD, CA 93307
BAKERSFIELD CITY SCHOOL DISTRICT

A0.00



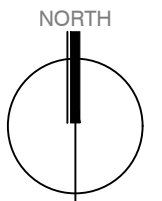
EXISTING FENCE WEST OF BUILDING "B" GATE ACCESSIBILITY COMPLIANCE PER 2022 CBC 11B-04.1, EXCEPTION 1.

INSTALL PANEL SIGN COMPLIANT WITH CBC 11B-03.5 TO READ "ENTRY RESTRICTED AND CONTROLLED BY SECURITY PERSONNEL"



Campus Site Plan

Scale: 1" = 40'-0"



ACCESSIBLE PATH OF TRAVEL (P.O.T.)

ACCESSIBLE PATH OF TRAVEL (P.O.T.) AS INDICATED ON PLAN IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 12" MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL. POT IS A MINIMUM OF 48" WIDE SLIP RESISTANT SURFACE WITH 2% MAX SLOPE AND 2% MAX CROSS SLOPE. P.O.T. SHALL BE FREE OF OVERHANGING OBSTRUCTIONS TO 80" HIGH MIN AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL BETWEEN 27" AND 80" AFF OR GROUND.

SEE ENLARGED PLANS FOR MORE INFORMATION.

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS AS PART OF THE DESIGN OF THIS PROJECT. THE P.O.T. WAS EXAMINED AND ANY ELEMENTS COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NON COMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE, HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECTS' WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALIDATION THROUGH LIMITATIONS OF A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

- HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34 INCHES AND 44 INCHES ABOVE FLOOR. LATCHING AND LOCKING DEVICES THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE CONTINUOUS MOTION OF THE HANDWARE, BY PANIC BARS, PUSH-PULL ACTIVATION BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP AND TURN OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION.
- MAXIMUM EFFORT TO OPERATE SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 8 POUNDS FOR INTERIOR DOORS. SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS WHEN FIRE DOORS ARE REQUIRED. THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED NOT TO EXCEED 15 POUNDS.
- CONSTRUCTION: THE BOTTOM 1/2" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNTEXTURED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRIP OR HAZARDOUS CONDITION WHERE NARROW FRAMES ARE USED. A 12" HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRIP OR HAZARDOUS CONDITION.
- FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. AT LEAST ONE OF A PAIR OF DOORS SHALL MEET THIS OPENING WIDTH REQUIREMENT.
- IN ADDITION TO ALL LOCAL CODES, ACCESSIBILITY REQUIREMENTS SHALL COMPLY WITH THE CALIFORNIA BUILDING CODE, TITLE 24, AS WELL AS FEDERAL ADA (AMERICANS WITH DISABILITIES ACT).

FIRE ACCESS ROAD LEGEND

EXISTING 20' WIDE FIRE ACCESS ROAD WITH MINIMUM 20' WIDE NOMINAL OPENING AT EXISTING GATES. (DSA 03-117024)
(LOCAL FIRE AUTHORITY APPROVAL DATE 12/12/22)

PARKING ANALYSIS (EXISTING)

Lot	Van Accessible (VAN)	STD Accessible (ACS)	STD	Total
P1	2	3	45	50
P2	1	1	32	34

SAFE DISPERSAL AREA CALCULATION

SAFE DISPERSAL AREA CALCULATION PER CBC 452.1.3 (FENCES AND GATES)

OCCUPANCY
TOTAL BUILDING AREA = 9,600 + 20 = 480 OCCUPANTS
480 (OCCUPANTS) X 3 (SF/OCCUPANT) = 1,440 SF REQUIRED.

NOTES:
1. AREA OF SAFE DISPERSAL REQUIRED FOR GROUP E BUILDINGS SHALL BE LOCATED ON THE SAME LOT AT LEAST 50' AWAY FROM ANY BUILDING.
2. OCCUPANT CALCULATION CONSISTS OF EXISTING BUILDING ANALYSIS AS THIS PROJECT CONSISTS OF A TEMPORARY SWING SPACE AND WILL NOT INCREASE NUMBER OF OCCUPANTS.

BUILDING DIRECTORY

BLDG #	DSA #	BUILDING USE
A	19177	MULTI-KIT
B	3552	CLASSROOMS/TOILET
C	3292	CLASSROOMS
D	5616	CLASSROOMS
E	5616/39113	CLASSROOMS/TOILET
F	5616	MUSIC CLASSROOMS
G	28584	COACH/COACH
H	3252/32802	ADMINISTRATION
R1	32982	KINDERGARTEN
R2	27729/30116	KINDERGARTEN
R3	03-117024	RELOCATABLE CLASSROOMS
R4	03-117024	RELOCATABLE CLASSROOMS
R5	NON-COMFORM	KINDERGARTEN MAGNET
R6	30420	RELOCATABLE TOILETS
R12	30420	6 RELOCATABLE CLASSROOMS
J	03-102897/03-117168	TOILETS
R14	30420	TOILETS
R28	54429	RELOCATABLE CLASSROOM
R29	54429	RELOCATABLE CLASSROOM
R30	03-102897	RELOCATABLE CLASSROOM
R31	03-102897	RELOCATABLE CLASSROOM
R32	03-102897	RELOCATABLE CLASSROOM
R33	03-102897	RELOCATABLE CLASSROOM
R34	03-102897	RELOCATABLE CLASSROOM
R35	03-102897	RELOCATABLE CLASSROOM
R36	03-102897	RELOCATABLE CLASSROOM
R37	03-102897	RELOCATABLE CLASSROOM
R38	03-102897	RELOCATABLE CLASSROOM
R39	03-102897	RELOCATABLE CLASSROOM
R40	03-102897	RELOCATABLE CLASSROOM
R41	03-102897	RELOCATABLE CLASSROOM
R42	03-117168	RELOCATABLE CLASSROOM
R43	03-117168	RELOCATABLE CLASSROOM
R44	03-117168	RELOCATABLE CLASSROOM

HYDRANT FLOW TEST REPORT

California Water Service Company
Fire Flow Test
11/4/2022

Test Date: 11/02/2022 Time: 13:00
District: BAKERSFIELD Zone: 540 Flat: 33-41
Address: 2161 POTOMAC AVE
Cross Street: MT VERNON AVE
Requested By: Bakersfield City School District
Conducted By: JACK MOORE
Purpose Of Test: FIRE FLOW
Witnessed By: Calwater: ROBERT BROWN
Others: DAN PEREZ

Outlet No.	Outlet Size	PI TOT	Observed	Static Pressure	Residual Pressure	Flow Observed	Flow Avail. @20'
Location 1 Hydrant No.: 3094	Address: 2118 POTOMAC AVE						
1	4.00	24	2104	61	52	2104	4772
2							
3							
4							
Location 2 Hydrant No.:	Address:						
1							
2							
3							
4							
Location 3 Hydrant No.	Address:						
1							
2							
3							
4							

Total Flow Observed Available @20': 2104 4772

Remarks: GPM 2110

Static/Residual Location: 800 MT VERNON AVE FHW 3096

Note:
Regardless of the results of this test, California Water Service Company assumes no liability beyond that stated in the following except from the P.U.C. Tariff Schedule: "The utility (California Water Service Company) will supply only such water at such pressure as may be available from time to time as a result of its normal operation of the system."

810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply. Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and mapped onto the fire access site plan. When an alternate design means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy PL 09-01: Fire Flow for Buildings.

PROJECT INFORMATION

School District/Owner: Bakersfield City School District
Project Name/School: Relocation of (10) Modular Buildings/ Mt Vernon Elementary School
Project Address: 2161 Potomac Ave, Bakersfield, CA 93309

FIRE & LIFE SAFETY INFORMATION

1. Has a fire hydrant flow test been performed within the past 12 months? Yes No
(If yes, provide a copy of the test data.)

2. Was the fire hydrant water flow test performed as part of this LFA review? Yes No

3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.) Yes No
Refer to the following website for FHSZ locations: <http://www.fire.ca.gov/FHSZ/> Moderate High Very High
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.) WIFA

DSG DSA 810 (revised 12/29/20) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 1 of 4

DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION	ALTERNATE ACCEPTED			
	Yes	No	N/A	N/R
4. Emergency vehicle access roadways do not meet CFC requirements.			<input checked="" type="checkbox"/>	
4a. Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.			<input checked="" type="checkbox"/>	
5. Fire Hydrants: Number and spacing does not meet CFC requirements.			<input checked="" type="checkbox"/>	
5a. Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.			<input checked="" type="checkbox"/>	
6. Fire Hydrants: Water flow and pressure are less than CFC minimum.			<input checked="" type="checkbox"/>	
6a. Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.			<input checked="" type="checkbox"/>	
7. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			<input checked="" type="checkbox"/>	
7a. Acceptable Alternate: The location of the fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.			<input checked="" type="checkbox"/>	

School District Acceptance of Acceptable Design Alternates
By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

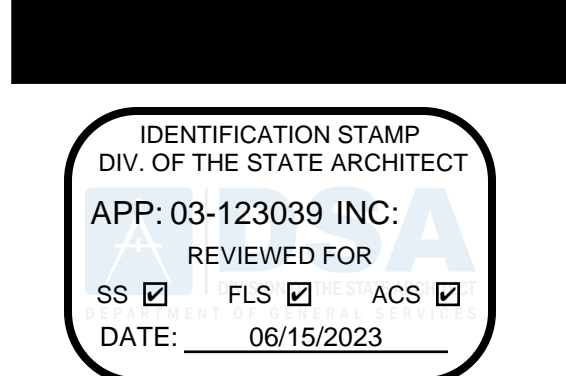
Accepted by: _____ Title: _____
Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION

LFA Agency Name: Kern County Fire Department
LFA Review Official: Regina Arriaga
Title: Fire Plans Examiner Work Phone: (661)391-3310
Work Email: Rarriaga@kerncountyfire.org

LFA Reviewer's Signature: Regina Arriaga Digitally signed by Regina Arriaga Date: 2022.12.12 12:26:57 -0800 Date: 12/12/22

DSG DSA 810 (revised 12/29/20) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 2 of 4

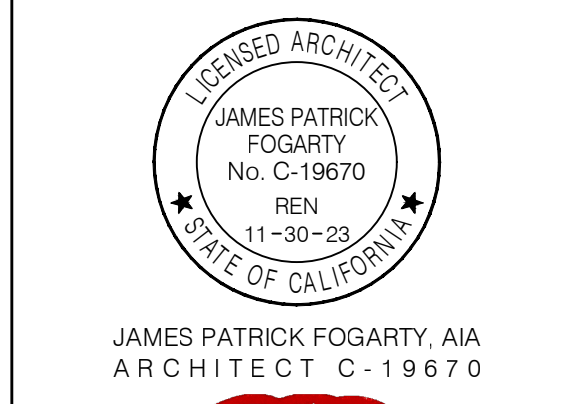


3434 Truxtun Avenue, Suite 240
Bakersfield, California 93301
tel: 661.327.1690 fax: 661.327.7204
web: www.oiparchitects.net

SITE IMPROVEMENTS FOR (10) RELOCATABLE CLASSROOM BUILDINGS

Mt Vernon Elementary School
2161 Potomac Ave, Bakersfield, CA 93307
Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA
ARCHITECT, C-19670

CONSULTANT

PROJECT INFO

Project No	566-0015
Date	05.08.23
DSA File No	15.6
DSA No	03-123039

REVISIONS

No	Date	Item
1	00.00.08	DESCRIPTION

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF OIP ARCHITECTS. ALL DESIGNS AND DRAWINGS ARE FOR THE USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE WITHOUT THE EXPRESS WRITTEN PERMISSION OF OIP ARCHITECTS. WRITTEN SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION. © COPYRIGHT 05.19.23 09.08

CAMPUS SITE PLAN

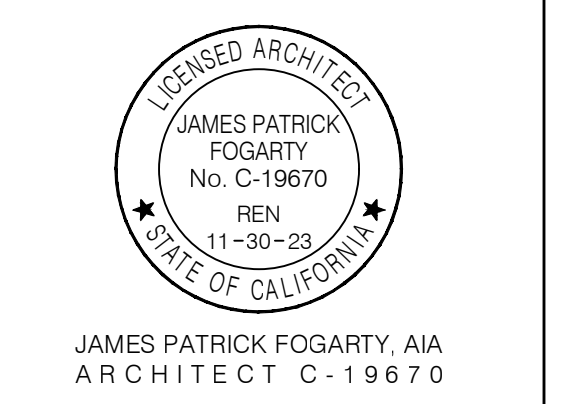
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**SITE IMPROVEMENTS
 FOR (10)
 RELOCATABLE
 CLASSROOM
 BUILDINGS**

**Mt Vernon
 Elementary School**

2161 Potomac Ave Bakersfield, CA 93307
 Bakersfield City School District

ARCHITECT



CONSULTANT

PROJECT INFO

Project No	566-0015
Date	05.08.23
DSA File No	15-4
DSA No	03-123039

REVISIONS

No	Date	Item
1	00.00.08	DESCRIPTION

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF DPO ARCHITECTS. ALL DESIGN AND DRAWINGS ARE FOR THE USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE WITHOUT THE EXPRESSED WRITTEN PERMISSION OF DPO ARCHITECTS. WRITTEN SHALL HAVE PRECEDENCE OVER CALLED OUT NOTES. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION. © COPYRIGHT 05.23.23.03.03

DETAILS

A8.00

11 BLDG TO BLDG CLOSURE : 1"

12 AC PAVING SECTION : 1 1/2"

13 TYPICAL UTILITY TRENCH : 1/2"

14 NOT USED

15 NOT USED

16 NOT USED

21 ROOM SIGN (BCSD) : 3"

22 WD HEADER AT BUILDING PERIMETER : 1 1/2"

23 ASSISTIVE LISTENING SYSTEM SIGN : 3"

24 HANRAIL EXTENSIONS

25 NOT USED

26 NOT USED

41 ACCESSIBLE SIGN REQUIREMENTS : NTS

42 CHAINLINK GATE : 1/2"

43 ACCESSIBLE DF : 1/2"

44 NOT USED

55 EXISTING RESTROOM FLOOR PLAN (PART OF A#03-117168/102897) : 1/4"

GENERAL NOTES

ALL GRADING, EXCAVATION AND SOILS PREPARATION SHALL BE DONE IN CONFORMANCE WITH THE 2022 CALIFORNIA BUILDING CODE CHAPTER 33 AND AS NOTED IN THE GENERAL NOTES BELOW:

1. COMPACTION IN PROPOSED PAVEMENT AREAS SHALL CONFORM TO COUNTY OF KERN STANDARDS.
2. DURING DEMOLITION, REASONABLE SEARCHING SHOULD BE PERFORMED FOR CONCEALED SUBSURFACE OBSTRUCTIONS. PIPING SHOULD BE ABANDONED IN PLACE AND CAPPED AT THE PROJECT BOUNDARY.
3. DUST CONTROL: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PREVENT A DUST NUISANCE ORIGINATING FROM THE SITE OF WORK AS A RESULT OF HIS OPERATIONS DURING THE EFFECTIVE PERIOD OF THIS CONTRACT. PREVENTATIVE MEASURES TO BE TAKEN BY THE CONTRACTOR SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
 - A. WATER SHALL BE APPLIED TO ALL UNPAVED AREAS AS REQUIRED TO PREVENT THE SURFACE FROM BECOMING DRY ENOUGH TO PERMIT DUST FORMATION.
 - B. PAVED SURFACES OVER WHICH VEHICULAR TRAFFIC IS PERMITTED TO TRAVEL SHALL BE KEPT FREE OF DIRT.
4. CONTRACTOR TO COORDINATE WITH THE INSPECTOR AND DISTRICT, THE LOCATION OF THE BORROW OR SPOILS PRIOR TO CONSTRUCTION.
5. THE LOCATIONS OF EXISTING UTILITIES AND UNDERGROUND PIPELINES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND PIPELINES BEFORE COMMENCING WORK. CONTRACTOR ASSUMES ALL LIABILITY FOR ANY AND ALL DAMAGES TO EXISTING UTILITIES OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE, PRESERVE, AND PROTECT ANY AND ALL UNDERGROUND UTILITIES AND PIPELINES.
6. CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION TO MARK THE LOCATIONS OF EXISTING UTILITY LINES.
7. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
8. **FILL AND GRADING.** FOLLOWING THE REMOVAL AND DEMOLITION OF BUILDINGS, STRUCTURES, FOUNDATIONS, AND DISPOSAL OF ALL DEBRIS, THE AREA SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER. WHEN THE AREA HAS BEEN APPROVED FOR FILL AND GRADING BY THE ENGINEER, THE CONTRACTOR SHALL IMPORT THE NECESSARY QUANTITY OF DIRT TO FILL ALL EXCAVATED AREAS AND THEN COMPACT THE AREA RESULTING FROM THE REMOVAL OF FOUNDATIONS, FOOTINGS, PARKING LOTS, STREET IMPROVEMENTS, AND OTHER RELATED STRUCTURES. ANY AREA THAT REQUIRES FILL MUST BE COMPACTED TO 90% RELATIVE COMPACTION (95% BENEATH VEHICULAR TRAFFIC AREA). CONTRACTOR SHALL REMOVE ALL EXCAVATED MATERIAL AND DEBRIS FROM THE SITE.

FILL MATERIAL TO BE USED SHALL BE ANY OF THE FOLLOWING:

 - A. CLEAN FILL DIRT FREE OF STONES OR LUMPS GREATER THAN 3 INCHES IN THE LARGEST DIMENSION. THE MATERIAL WILL ALSO BE FREE OF ORGANIC OR OTHER UNSATISFACTORY MATERIAL. IMPORTED SOIL SHALL HAVE A MINIMUM "R" VALUE OF 40. PRIOR TO THE START OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL BY THE GEOTECHNICAL ENGINEER THE LOCATION OF THE INTENDED BORROW SITE FOR ALL FILL TO BE USED ON THE PROJECT.
 - B. CALTRANS CLASS 2 AB.
 - C. CALTRANS CLASS 1, 2, OR 3 AS MADE FROM 100 % RECYCLED CONCRETE.
9. TESTING OF BACKFILL MATERIAL AND COMPACTION SHALL BE IN ACCORDANCE WITH CALTRANS SECTION 6.3, "TESTING", AND SECTION 19, "EARTHWORK", OF THE STANDARD SPECIFICATIONS, STATE OF CALIFORNIA, DEPARTMENT OF PUBLIC WORKS, DIVISION OF HIGHWAYS. RELATIVE COMPACTION SHALL BE DETERMINED BY CALIFORNIA TESTING METHODS 215 OR 231, OR ASTM (CURRENT EDITION) D1557 AND ONE OF THE FOLLOWING: D2922 OR D1556. EACH LAYER OF BACKFILL MATERIAL SHALL MEET THE COMPACTION REQUIREMENTS BEFORE THE NEXT LAYER IS PLACED. THE CONTRACTOR SHALL FURNISH THROUGH A CERTIFIED TESTING LABORATORY, SATISFACTORY TO THE GEOTECHNICAL ENGINEER, COMPACTION TESTING FOR BACKFILL. COMPACTION TEST SHALL BE PERFORMED FOR EVERY 15' LIFT AT LOCATIONS DETERMINED BY THE ENGINEER. IF A RELATIVE COMPACTION, AS DETERMINED BY TESTING, FAILS TO MEET THE SPECIFIED PERCENTAGE, THE AREA SHALL BE RE-EXCAVATED AND RE-COMPACTED.
10. SITE ACCESSIBILITY SHALL BE IN CONFORMANCE WITH THE 2022 CALIFORNIA BUILDING CODE, CHAPTER 11B.
11. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCY BETWEEN THE DOCUMENTS, THE CONTRACTOR SHALL REQUEST IN WRITING A CLARIFICATION FROM THE ENGINEER. REFER TO THE ENGINEERING DRAWINGS FOR PLACEMENT, ORIENTATION AND COORDINATION OF WORK. INFORMATION SHOWN IN LARGER SCALE IS INTENDED TO SUPPLEMENT INFORMATION OF SMALLER, PRECEDING REFERENCE DRAWINGS. LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.
12. NOTATIONS MARKED "TYPICAL" (TYP.) SHALL BE CONSISTENT THROUGHOUT ALL SUCH REFERENCE NOMENCLATURE, SYMBOLS AND DRAWING INDICATIONS OF LIKE OR SIMILAR KIND.
13. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY CONSTRUCTION CONDITIONS AND DIMENSIONS PRIOR TO ORDERING, FABRICATING OR INSTALLING ANY ASSOCIATED WORK. IF DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL REQUEST IN WRITING A CLARIFICATION FROM THE ENGINEER PRIOR TO COMMENCEMENT OF ANY ASSOCIATED WORK.
14. CONTRACTOR SHALL VERIFY, AT THE SITE, ALL EXISTING CONDITIONS PRIOR TO SUBMITTAL OF BIDS. SITE VISITS DURING BIDDING SHALL BE COORDINATED WITH THE OWNER IN ACCORDANCE WITH THE PROVISIONS OF THE SPECIFICATIONS.
15. CONTRACTOR(S) SHALL BE RESPONSIBLE FOR THEIR OWN CLEANUP AS WORK PROGRESSES.
16. MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS THAT ARE DISCOVERED DURING THE PROGRESS OF THE WORK SHALL BE REPORTED TO THE OWNER IN WRITING. WORK IN THAT PARTICULAR AREA SHALL BE SUSPENDED UNTIL THE OWNER TESTS THE SUSPECT MATERIAL AND IT IS FOUND TO BE SAFE, OR THE MATERIAL HAS BEEN PROPERLY ABATED.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL WORK PROVIDED BY OTHERS UNDER SEPARATE CONTRACT.
18. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
19. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

SCOPE OF WORK

SITE IMPROVEMENTS FOR (10) TEMPORARY USE RELOCATABLE CLASSROOM BUILDINGS DURING MODERNIZATION PROJECT.

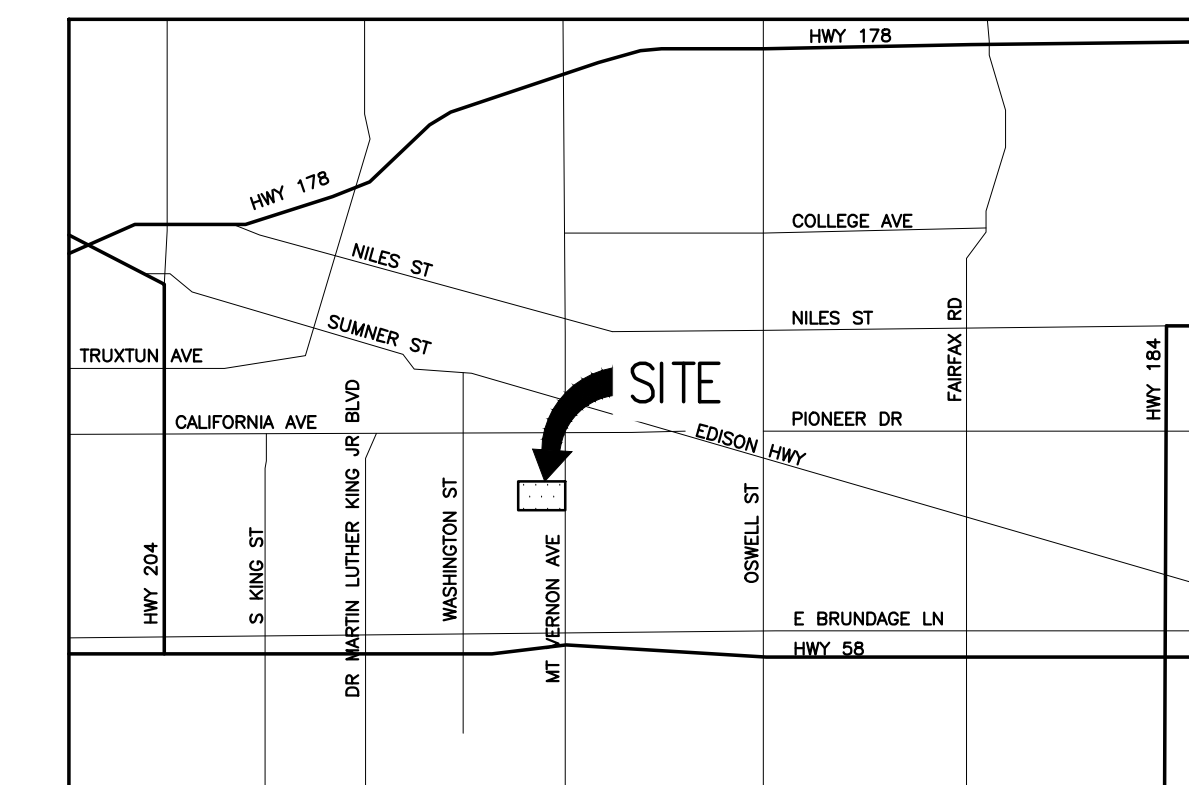
SITE GRADING AND DRAINAGE PLAN

MT. VERNON ELEMENTARY SCHOOL

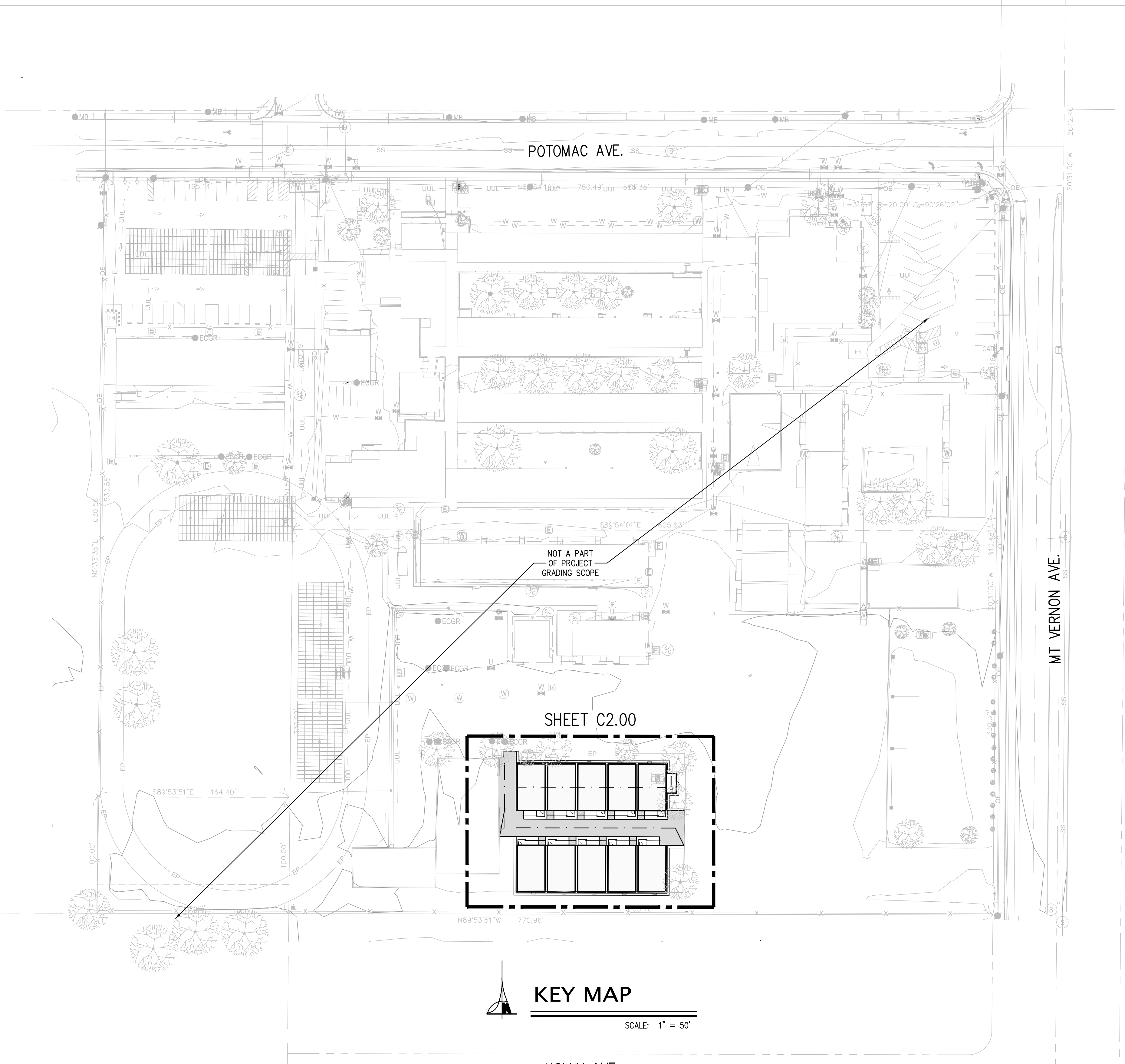
RELOCATABLE CLASSROOM BUILDINGS (10)

BAKERSFIELD CITY SCHOOL DISTRICT

2161 POTOMAC AVE., BAKERSFIELD, CA.



VICINITY MAP
N.T.S.



KEY MAP
SCALE: 1" = 50'

SHEET INDEX

SHEET	DESCRIPTION
C1.00	COVER SHEET AND NOTES
C2.00	GRADING PLAN

OWNER:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST, BAKERSFIELD, CA. 93305
(661) 631-4600

CIVIL ENGINEER:

CORNERSTONE ENGINEERING, INC.
5509 YOUNG STREET, BAKERSFIELD, CA. 93311
(661) 325-9474

ARCHITECT:

AP ARCHITECTS
3434 TRUXTUN AVENUE, SUITE 240
BAKERSFIELD, CA. 93301
(661) 327-1690

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-123039 INC:
REVIEWED FOR
SS FLS ACS
DATE: 06/15/2023

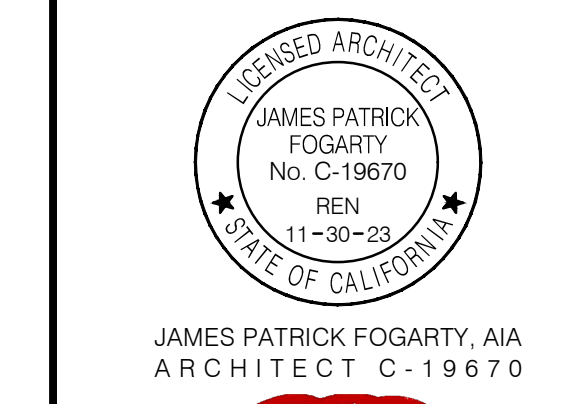


3434 Truxtun Avenue, Suite 240
Bakersfield, California 93301
tel: 661.327.1690 fax: 661.327.7204
web: www.aparchitects.net

SITE IMPROVEMENTS FOR (10) RELOCATABLE CLASSROOM BUILDINGS

Mount Vernon Elementary School
2161 Potomac Ave, Bakersfield, CA 93307
Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA
ARCHITECT, C-19670

CONSULTANT



CORNERSTONE ENGINEERING
CONSULTANTS • ENGINEERS • LAND SURVEYORS
5509 YOUNG STREET, BAKERSFIELD, CA 93311
TEL: (661) 325-9474 FAX: (661) 325-9109
www.cornerstoneeng.com

PROJECT INFO

Project No	566-0015
Date	05.08.23
DSA File No	15-6
DSA No	03-123039

REVISIONS

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COVER SHEET AND NOTES

C1.00

ENGINEER'S STATEMENT:

THESE PLANS AND SPECIFICATIONS WERE PREPARED BY ME OR UNDER MY DIRECTION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLY WITH STANDARDS, DESIGN CRITERIA, AND INCLUDE ALL IMPROVEMENT REQUIREMENTS OF THE ADVISORY AGENCY OR OTHER REVIEW BOARD. ANY ERRORS, OMISSIONS OR OTHER VIOLATIONS OF THOSE ORDINANCES, STANDARDS OR DESIGN CRITERIA ENCOUNTERED DURING CONSTRUCTION SHALL BE CORRECTED AND SUCH CORRECTIONS REFLECTED ON CORRECTED PLANS SUBMITTED TO THE ADVISORY AGENCY.

Claude A. Whitten
CLAUDE A. WHITTEN, C-63332

5/08/2023
DATE



Know what's below.
Call before you dig.

CONTRACTOR SHALL CONTACT 811 FOR LOCATION OF ALL UTILITIES, AT LEAST 72 HOURS PRIOR TO BEGINNING CONSTRUCTION.

UNAUTHORIZED CHANGES & USES: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION
LMCC-LTO-01-E
(Page 1 of 7)

Project Name: Mount Vernon Elementary Site Improvements for 10 Relocatable Classroom Buildings
Report Page: (Page 1 of 7)
Project Address: Date Prepared:

A. GENERAL INFORMATION

01 Project Location (city) Bakersfield
02 Climate Zone 13
03 Outdoor Lighting Zone per Title 24 Part 1.16.11.4 or as designated by Authority Having Jurisdiction (AHJ):
 L2.0 Very Low - Undeveloped Parkland L2.2 Moderate - Urban Clusters L2.4 High - Must be reviewed by CA Energy Commission for Approval
 L2.1 Low - Rural Areas L2.3 Moderately High - Urban Areas
04 Occupancy Types within Project
05 Classroom

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(a)(6) or 141.0(b)(2) / 180.2(b)(4b) for alterations.

My Project Consists of:

01 New Lighting System Must Comply with Allowances from 140.7 / 170.2(a)(6)
02 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No
03 % of Existing Luminaires Being Altered? Sum Total of Luminaires Being Added or Altered Calculation Method
04 < 10% >= 10% and < 50% >= 50%

Please proceed to Table F, Outdoor Lighting Fixture Schedule to define the project's luminaires.

FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.

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STATE OF CALIFORNIA
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CALIFORNIA ENERGY COMMISSION
LMCC-LTO-01-E
(Page 2 of 7)

Project Name: Mount Vernon Elementary Site Improvements for 10 Relocatable Classroom Buildings
Report Page: (Page 2 of 7)
Project Address: Date Prepared:

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table E, Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(a)(6) or 141.0(b)(2) / 180.2(b)(4b)																	
01		02		03		04		05		06		07		08		09	
General Allowance	Per Application	Sales Frontage	Ornamental	Per Specific Area	Existing Power Allowance	Total Allowed	Total Actual										
140.7(a) / 170.2(a)(6) (See Table I)	140.7(a)(2) / 170.2(a)(6) (See Table J)	140.7(a)(2) / 170.2(a)(6) (See Table K)	140.7(a)(2) / 170.2(a)(6) (See Table L)	140.7(a)(2) / 170.2(a)(6) (See Table M)	141.0(b)(2) / 180.2(b)(4b) (See Table N)												
0	---	---	---	---	1,188	0	1,188	2	1,188								
Shielding Compliance (See Table G for Details)										COMPLIES		N/A					
Controls Compliance (See Table H for Details)										COMPLIES							

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form. Selections made in Certificates of Installation Table have been changed by the permit applicant. See Table E, Additional Remarks for permit applicant's explanation.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.
LMCC-LTO-01-E Explanation 1

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STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION
LMCC-LTO-01-E
(Page 3 of 7)

Project Name: Mount Vernon Elementary Site Improvements for 10 Relocatable Classroom Buildings
Report Page: (Page 3 of 7)
Project Address: Date Prepared:

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(a)(6) all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)(2) only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (i.e. existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

Designated Wattage:

01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaires Description	Watts per luminaire ¹	How is Wattage determined	Total Number Luminaires ²	Luminaire Status ³	Excluded per 140.7(a) / 170.2(a)(6)A	Design Watts	Cutoff Req., 6,200 Initial lumens output / 130.2(b) / 160.5(c)(1) ⁴	Field Inspector
X	LED WALL PACK W/ INTEGRAL PC	54	Mfr. Spec.	22	Existing Alteration	<input type="checkbox"/>	1,188	NA - < 6,200 lumens	<input type="checkbox"/>
							Total Design Watts:	1188	

NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaire is lighting a street; EXCEPTION 2 to 130.2(b)
FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.2(b) / 160.5(c)
For linear luminaires, wattage should be indicated as WLF instead of Watts/Luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.
Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstated" for existing luminaires which are being removed and reinstated as part of the project scope.
Compliance with mandatory shielding requirements is required for luminaires with initial lumens output = 6,200 unless exempted by 130.2(b) / 160.5(c)

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

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STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION
LMCC-LTO-01-E
(Page 4 of 7)

Project Name: Mount Vernon Elementary Site Improvements for 10 Relocatable Classroom Buildings
Report Page: (Page 4 of 7)
Project Address: Date Prepared:

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (or untouched) and luminaires which are removed and reinstated (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application. Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit.

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05
Area Description	Shut-Off 130.2(c) / 160.5(c)	Auto-Schedule 130.2(c)(2) / 160.5(c)	Motion Sensor 130.2(c)(3) / 160.5(c)	Field Inspector
Relos 21-26: "X"	Astronomical Timer	Provided	NA: Facade, etc. >=24 ft	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Relos 1, 28, 29: "X"	Astronomical Timer	Provided	NA: Facade, etc. >=24 ft	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Relos T1-T10: "X"	Astronomical Timer	Provided	NA: Facade, etc. >=24 ft	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Total Design Watts: 1188				

FOOTNOTES: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.
Authority having jurisdiction may use for cutwaters or other documentation to confirm compliance of light source.
Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are exempted from it and is.

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Allowance is per Table 140.7-A / Table 170.2-A while "Use it or lose it" allowances are per Table 140.7-B / Table 170.2-B. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

01
"Use it or lose it" Allowance (select all that apply) (select all that apply)
<input type="checkbox"/> General Allowance Table 1 (Below)
<input type="checkbox"/> Per Application Table J
<input type="checkbox"/> Sales Frontage Table K
<input type="checkbox"/> Ornamental Table L
<input checked="" type="checkbox"/> Per Specific Area Table M

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

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STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION
LMCC-LTO-01-E
(Page 5 of 7)

Project Name: Mount Vernon Elementary Site Improvements for 10 Relocatable Classroom Buildings
Report Page: (Page 5 of 7)
Project Address: Date Prepared:

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This table includes areas using the wattage allowance per specific area from Table 140.7-B / Table 170.2-B. More than one specific area allowance may be taken in a single project, if applicable. However, multiple specific area allowances may not be taken for the exact same area on the site.

01	02	03	04	05	06	07	08	09	10
Area Description	Specific Area Type per Table 140.7-B	Calculated Allowance (Watts)	Allowed Density (W/ft²)	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	Additional Allowance (Watts)
Relos 21-26	Building/Facade	2520	0.17	428.4	X	54	7	378	378
						Total Design Watts for this Area:	378		
Relos 1, 28, 29	Building/Facade	1760	0.17	299.2	X	54	4	216	216
						Total Design Watts for this Area:	216		
Relos T1-T10	Building/Facade	3758	0.17	638.86	X	54	11	594	594
						Total Design Watts for this Area:	594		
						Total Allowance (Watts) All Areas:	1188		

FOOTNOTES: See Table 140.7-B / Table 170.2-B for rules for calculating the specific areas (ft²) for these additional lighting allowances.
For luminaires indicated in Table F as linear, wattage is column 07 is WLF instead of Watts/Luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.

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Report Generated: 2023-02-01 12:35:58

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION
LMCC-LTO-01-E
(Page 6 of 7)

Project Name: Mount Vernon Elementary Site Improvements for 10 Relocatable Classroom Buildings
Report Page: (Page 6 of 7)
Project Address: Date Prepared:

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Form/Title

LMCC-LTO-E - Must be submitted for all buildings.

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Form/Title

LMCC-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.
Relos 21, 26: "X"; Relos 1, 28, 29: "X"; Relos T1-T10: "X"

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Outdoor Lighting
CALIFORNIA ENERGY COMMISSION
LMCC-LTO-01-E
(Page 7 of 7)

Project Name: Mount Vernon Elementary Site Improvements for 10 Relocatable Classroom Buildings
Report Page: (Page 7 of 7)
Project Address: Date Prepared:

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: James Patrick Fogarty
Title: Architect
Company: JPF Architects
Address: 2161 Potomac Ave, Bakersfield, CA 93307
City/State/Zip: Bakersfield, CA 93307

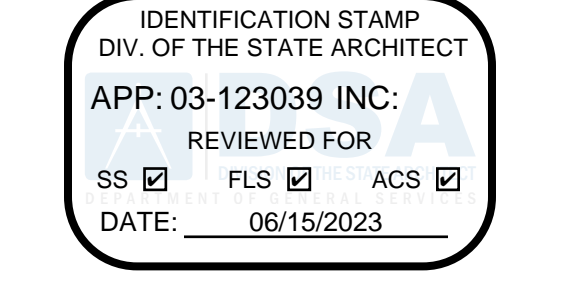
RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on the Certificate of Compliance conforms to the requirements of Title 24, Part 1 and Part 4 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation that is submitted to the building owner at occupancy.

Responsible Designer Name: James Patrick Fogarty
Title: Architect
Company: JPF Architects
Address: 2161 Potomac Ave, Bakersfield, CA 93307
City/State/Zip: Bakersfield, CA 93307

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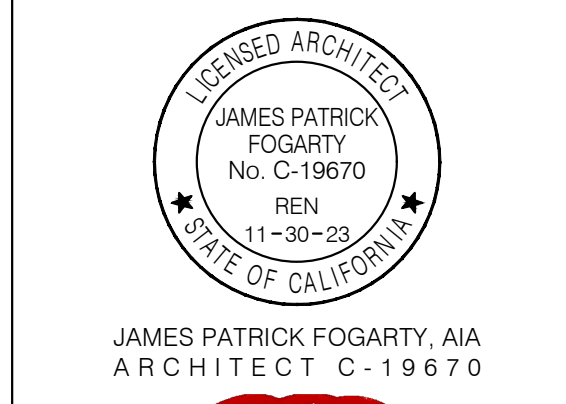


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web | www.jpfarchitects.net

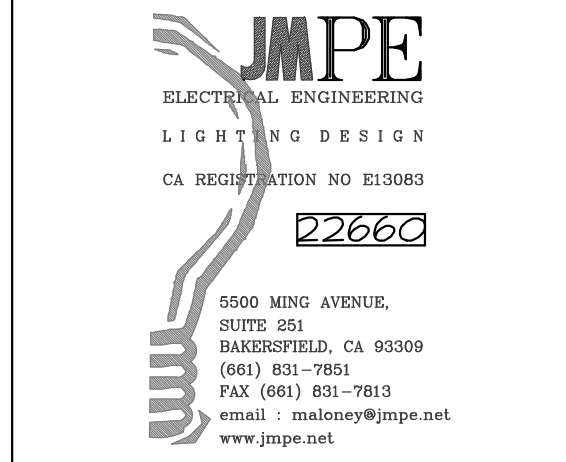
SITE IMPROVEMENTS FOR (10) RELOCATABLE CLASSROOM BUILDINGS

Mt Vernon Elementary School
2161 Potomac Ave, Bakersfield, CA 93307
Bakersfield City School District

ARCHITECT



CONSULTANT



PROJECT INFO

Project No	566-0015
Date	05.08.23
DSA File No	15.6
DSA No	03-123039

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OUTDOOR LIGHTING COMPLIANCE FORMS

E0.02

LED FIXTURE SCHEDULE							
TYPE	MANUFACTURER AND CATALOG NUMBER	LED MODULE			DRIVER	OPTIC/LENS	REMARKS
		TYPE	COLOR TEMP	WATTS			
X 54	LITHONIA TWXLEDP440KMVOLTPEDEBBDX		4000K	54	ELECTRONIC	PRISMATIC	WALL PACK W/ INTEGRAL PC

EXISTING LIGHTING CONDITIONS HAVE BEEN INVESTIGATED AND FOUND TO HAVE ILLUMINATION LEVELS GREATER THAN OR EQUAL TO 1 FOOTCANDLE (11 LUX) ALONG THE PATH OF EGRESS TO AND AT THE AREA OF SAFE DISPERSAL.



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REVIEWED FOR
SS FLS ACS
DATE: 06/15/2023

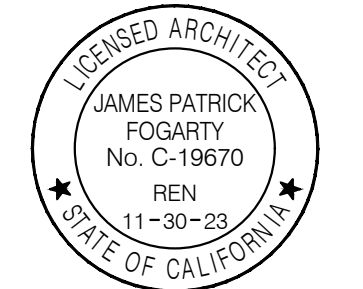


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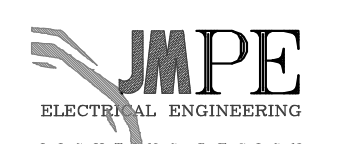
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Elementary School
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Bakersfield City School District

ARCHITECT




JAMES PATRICK FOGARTY, AIA
ARCHITECT C-19670

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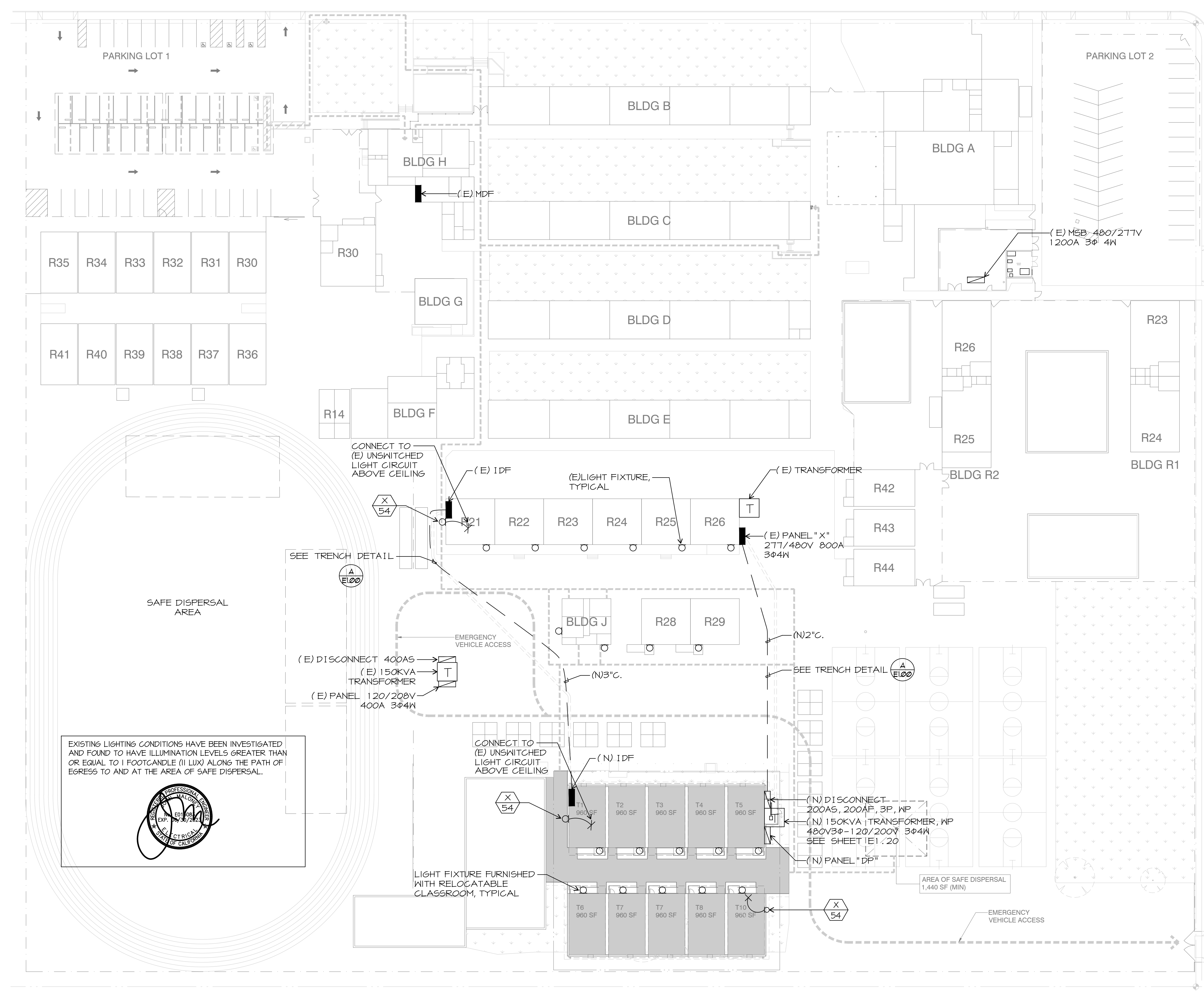
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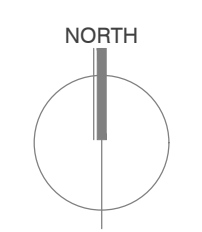
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ELECTRICAL SITE PLAN
AND FIXTURE SCHEDULE

E1.00



Electrical Site Plan
Scale: 1" = 30'-0"



ELECTRICAL NOTES

◇ COORDINATE LOCATION WITH RELOCATABLE BUILDING SUPPLIER AND FIELD VERIFY CONDUIT STUB UP LOCATIONS

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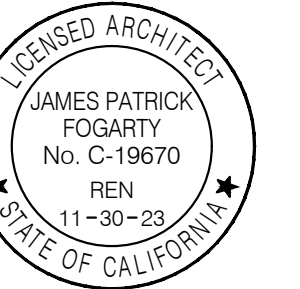
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SITE IMPROVEMENTS FOR (10) RELOCATABLE CLASSROOM BUILDINGS

Mt Vernon Elementary School

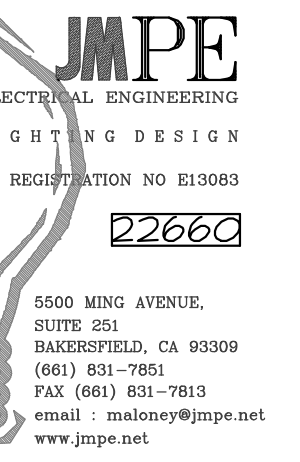
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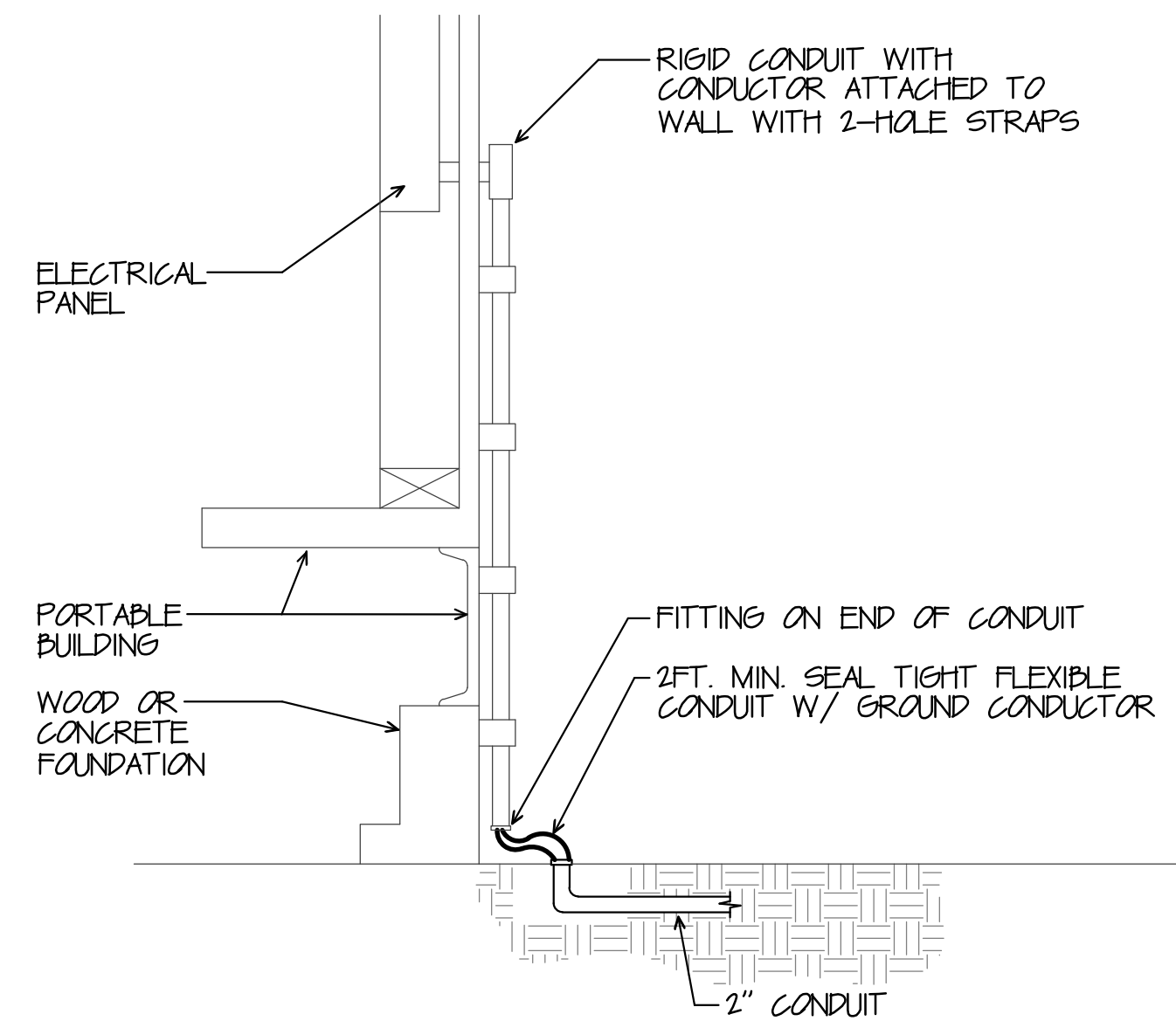
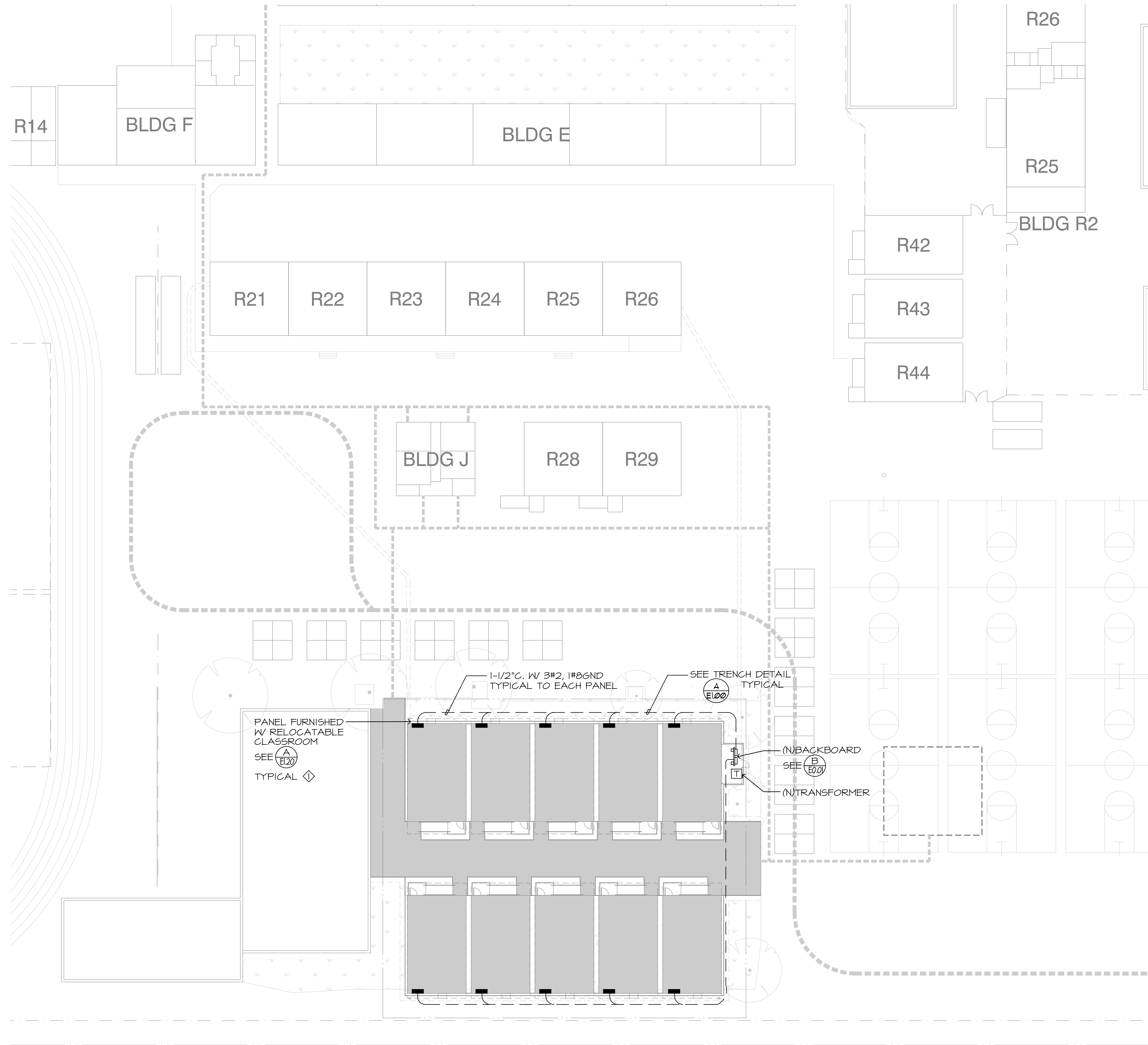
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PARTIAL ELECTRICAL SITE PLAN

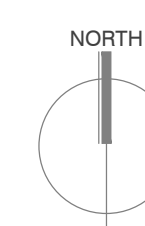
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TYPICAL RELOCATABLE CLASSROOM CONNECTION
 SCALE: NONE

Partial Electrical Site Plan

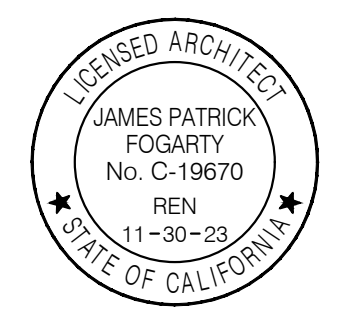
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**SITE IMPROVEMENTS
 FOR (10)
 RELOCATABLE
 CLASSROOM
 BUILDINGS**

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 2161 Potomac Ave, Bakersfield, CA 93307
 Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA
 ARCHITECT, C-19670



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PROJECT INFO

Project No	566-0015
Date	05.08.23
DSA File No	15-6
DSA No	03-123039

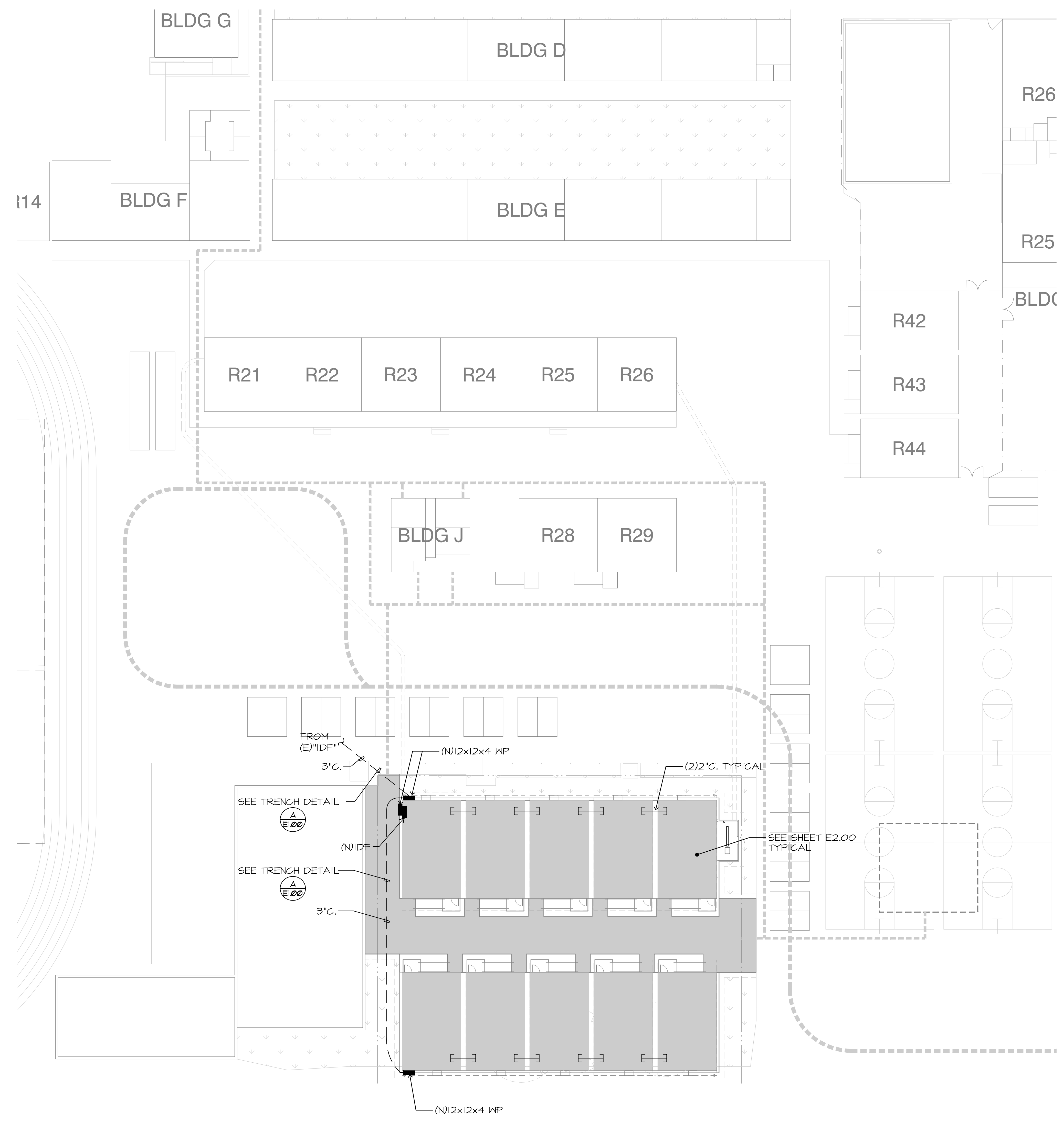
REVISIONS

No	Date	Item
△	00.00.08	DESCRIPTION

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DATA/COMMUNICATIONS PLAN

E1.40



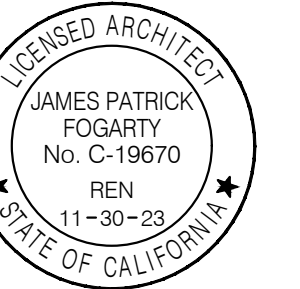
Data/Communications Plan

Scale: 1" = 20'-0"

**SITE IMPROVEMENTS
 FOR (10)
 RELOCATABLE
 CLASSROOM
 BUILDINGS**

**Mt Vernon
 Elementary School**
 2161 Potomac Ave, Bakersfield, CA 93307
 Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA
 ARCHITECT, C-19670



CONSULTANT

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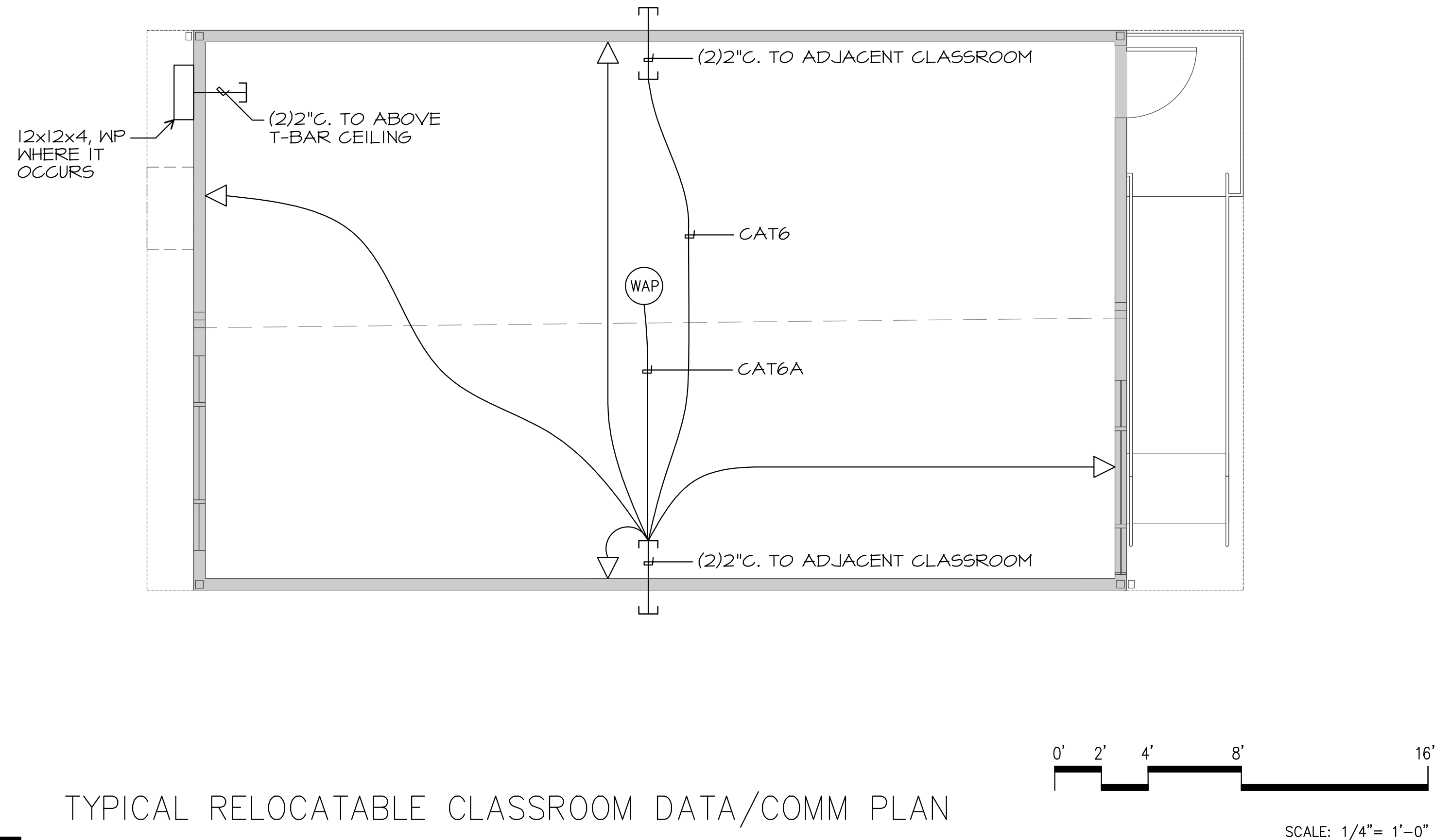
REVISIONS

No	Date	Item
1	00.00.08	DESCRIPTION

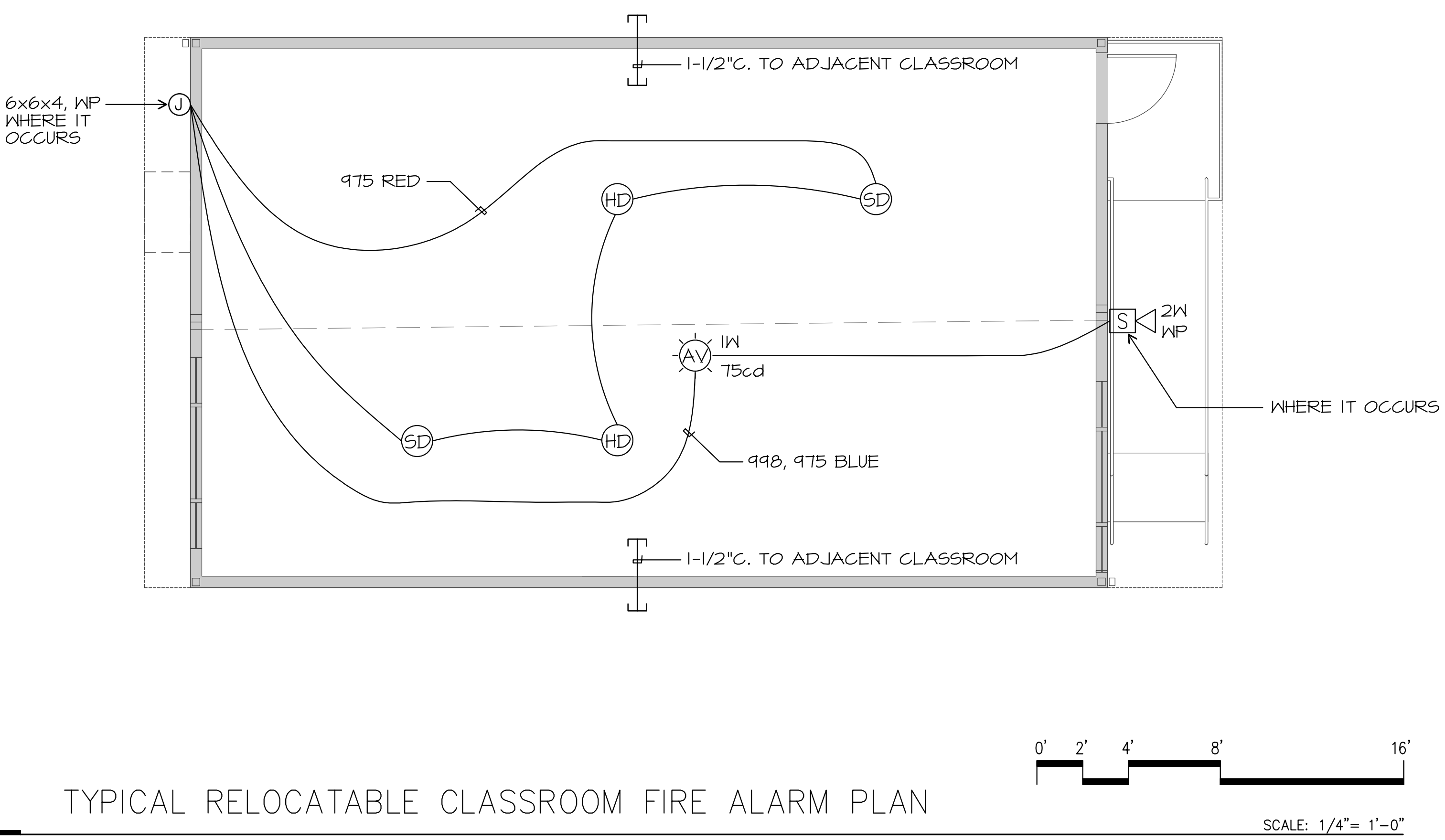
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ENLARGED FIRE ALARM & COMM/DATA PLAN

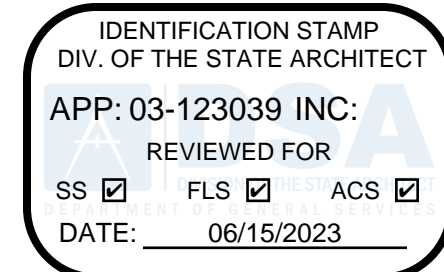
E2.00



1 TYPICAL RELOCATABLE CLASSROOM DATA/COMM PLAN



1 TYPICAL RELOCATABLE CLASSROOM FIRE ALARM PLAN

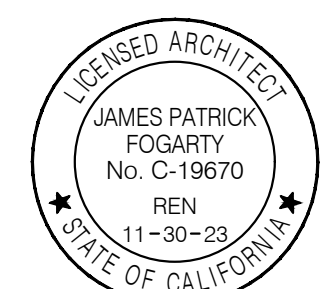


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**SITE IMPROVEMENTS
FOR (10)
RELOCATABLE
CLASSROOM
BUILDINGS**

**Mt Vernon
Elementary School**
2161 Potomac Ave. Bakersfield, CA 93307
Bakersfield City School District

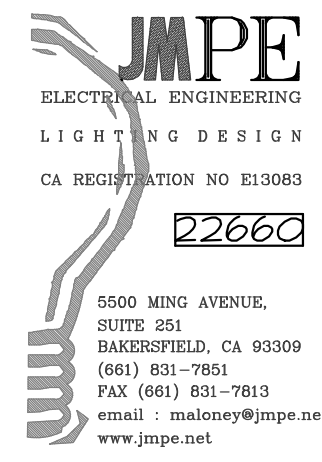
ARCHITECT



JAMES PATRICK FOGARTY, AIA
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CONSULTANT



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ELECTRICAL SPECIFICATIONS

E3.00

SECTION 26 00 00 - ELECTRICAL

PART 1 - GENERAL

- 1.1 IDENTIFICATION OF EQUIPMENT
 - A. DISTRIBUTION PANELBOARDS: IDENTIFICATION SHALL BE WITH 1" X 4" LAMINATED, WHITE ON BLACK, MICARTA NAMEPLATES ON EACH MAJOR COMPONENT, EACH WITH NAME AND/OR NUMBER OF UNIT AND OTHER PERTINENT DATA AS REQUIRED. EMERGENCY POWER DISTRIBUTION PANELS SHALL BE IDENTIFIED WITH WHITE ON RED MICARTA NAMEPLATES. LETTERS SHALL BE NO LESS THAN 3/8" HIGH.
 - B. CIRCUIT BREAKERS SHALL BE IDENTIFIED BY NUMBER AND NAME WITH 3/4" X 1-1/2" LAMINATED MICARTA NAMEPLATES WITH 3/16" HIGH LETTERS MOUNTED ADJACENT TO CIRCUIT BREAKER OR SWITCH.
 - C. MISCELLANEOUS EQUIPMENT (ELECTRICAL), SUCH AS INDIVIDUALLY MOUNTED SAFETY SWITCHES, STARTERS, STEP-DOWN TRANSFORMERS, PULL BOXES, JUNCTION BOXES, ETC., SHALL BE IDENTIFIED AS REQUIRED BY THE USE OF SUCH EQUIPMENT WITH P-TOUCH LABELS AS REQUIRED.
- 1.2 ARC FLASH LABELING
 - A. ALL PANELS, CIRCUIT BREAKER ENCLOSURES, SWITCHBOARDS AND MOTOR CONTROL CENTERS SHALL BE LABELED WITH ARC FLASH WARNING STICKERS.
 - B. THESE LABELS SHALL CONTAIN THE FOLLOWING:
 - 1. ARC FLASH BOUNDARY
 - 2. MINIMUM ARC RATING
 - 3. PERSONAL PROTECTIVE EQUIPMENT LEVEL, PPE
 - 4. SHOCK HAZARD LEVEL
 - 5. FAULT CURRENT
 - B. THESE LABELS SHALL CONTAIN THE FOLLOWING:
 - 1. ARC FLASH BOUNDARY
 - 2. MINIMUM ARC RATING
 - 3. PERSONAL PROTECTIVE EQUIPMENT LEVEL, PPE
 - 4. SHOCK HAZARD LEVEL
 - 5. FAULT CURRENT
- 1.3 MOUNTING
 - A. PROVIDE MATERIALS AND ACCESSORIES NECESSARY TO PROPERLY MOUNT AND SECURE EQUIPMENT FURNISHED AND/OR INSTALLED UNDER THE ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO SUCH ITEMS AS CONDUIT, OUTLETS, JUNCTION BOXES, SWITCHES, RELAYS, DISCONNECT SWITCHES, LIGHTING FIXTURES, CABINETS, AND TRANSFORMERS.

PART 2 - PRODUCTS AND EXECUTION

- 2.1 CONDUIT
 - A. RIGID STEEL CONDUIT:
 - 1. RIGID STEEL CONDUIT SHALL HAVE ZINC COATED EXTERIOR, ZINC OR ENAMEL INTERIOR, STANDARD WEIGHT, ZINC COATED COUPLINGS, LOCKNUTS AND BUSHINGS AND SHALL BEAR THE U.L. LABEL. RIGID CONDUIT SHALL NOT BE INSTALLED UNDERGROUND.
 - 2. USE RIGID CONDUIT ONLY FOR EXPOSED EXTERIOR CONDUIT RUNS, WHEREVER SUBJECT TO PHYSICAL DAMAGE, OR WHERE SPECIFICALLY CALLED FOR ON THE DRAWINGS OR REQUIRED BY A SERVING UTILITY.
 - 3. INTERMEDIATE METALLIC CONDUIT (I.M.C.) MAY BE USED IN LIEU OF RIGID STEEL CONDUIT.
 - 4. USE LIQUID TIGHT FLEXIBLE CONDUIT IN LIEU OF FLEXIBLE CONDUIT FOR WET, DAMP, OR OUTDOOR AREAS OR WHERE WEATHERPROOF FLEXIBLE CONDUIT IS CALLED FOR ON THE DRAWINGS OR BY CODE.
 - B. PLASTIC CONDUIT:
 - 1. PLASTIC CONDUIT SHALL BE RIGID POLYVINYL CHLORIDE (PVC) UNDERWRITER'S APPROVAL, SCHEDULE 40. CONNECTIONS AND FITTINGS SHALL BE "OUTSIDE" TYPE ASSEMBLED IN ACCORDANCE WITH THE RECOMMENDED METHODS OF THE MANUFACTURER.
 - 2. UNDERGROUND PVC CONDUIT SHALL BE BURIED A MINIMUM OF 24 INCHES BELOW GRADE. WHERE MORE THAN TWO CONDUITS ARE INSTALLED ADJACENTLY UNDERGROUND, USE FACTORY MADE CONDUIT SPACERS.
 - 3. PVC CONDUIT SHALL BE USED FOR UNDERGROUND CONDUIT RUNS IN LIEU OF WRAPPED RIGID CONDUIT EXCEPT AS NOTED OTHERWISE ON THE DRAWINGS OR REQUIRED BY THE SERVING UTILITY.
 - 4. PROVIDE A CODE SIZE GROUND CONDUCTOR IN EACH CONDUIT.
 - 5. ONLY BRAIDED POLYETHYLENE OR SIMILAR PULL ROPE SHALL BE USED.

C. INSTALLATION OF CONDUIT:

- 1. UNDERGROUND CONDUIT.
 - a. KEEP INTERIOR OF CONDUIT CLEAN AND CLEAR. CLEAN UNDERGROUND CONDUITS BY PULLING A MANDREL THROUGH CONDUIT RUN FOLLOWED WITH A SWAB BEFORE PULLING WIRE.
 - b. REROUTE CONDUIT FROM LOCATIONS SHOWN ON THE DRAWINGS WHERE IT IS NECESSARY TO CLEAR OBSTRUCTIONS.
 - c. PROVIDE JUNCTION OR PULL BOXES WHERE REQUIRED FOR PULLING CONDUCTORS DUE TO EXCESSIVE NUMBER OF BENDS OR LENGTH OF CONDUIT RUNS.
 - d. BURY UNDERGROUND CONDUIT, EXCEPT THOSE UNDER BUILDINGS, A MINIMUM OF 24 INCHES BELOW FINISHED GRADE. CONDUITS UNDER ROADWAYS SHALL BE A MINIMUM OF 36 INCHES BELOW FINISHED GRADE. CONDUIT RUNS 3/4 INCH AND SMALLER IN SLABS SHALL BE LOCATED ABOVE VAPOR BARRIERS. BURY CONDUIT RUNS LARGER THAN 3/4 INCH TO A MINIMUM DEPTH OF 12 INCHES BELOW FLOOR SLABS.
 - e. STANDARD FACTORY ELLS SHALL NOT BE USED IN UNDERGROUND SERVICE CONDUITS OR OTHER LONG UNDERGROUND RUNS. FIELD BENDS SHALL NOT BE FLATTENED OR KINKED AND SHALL NOT MATERIALLY REDUCE THE INTERNAL DIAMETER OF THE CONDUIT. BENDS IN LONG UNDERGROUND RUNS SHALL BE MADE IN LONG SWEEPING BENDS. DO NOT BEND AT COUPLINGS. APPROVED CONDUIT BENDING METHODS SHALL BE USED.
 - f. ALL CONDUIT RUNS SHALL HAVE A CODE SIZE INSULATED GROUNDING CONDUCTOR.
 - g. PROPERLY SEPARATE TWO OR MORE CONDUITS INSTALLED UNDERGROUND IN A COMMON CONCRETE ENVELOPE WITH APPROVED FACTORY MADE CONDUIT SPACERS.
 - h. LOCATE CONDUIT STUB_OUTS DIMENSIONALLY FROM BUILDING OR CURB LINES ON RECORD DRAWINGS.
 - i. PULL WIRES SHALL BE INSTALLED IN EMPTY CONDUITS INCLUDING TELEPHONE CONDUITS AND STUB_OUTS, NO. 12 AWG, TYPE "THWN" INSULATED COPPER WIRE OR 1/8-INCH POLYETHYLENE ROPE SHALL BE USED.

2. EXPOSED/CONCEALED CONDUIT:

- a. PROVIDE SECURE MOUNTING FACILITIES FOR CONDUITS. WIRE OR PLUMBERS TAPE SHALL NOT BE USED FOR HANGING CONDUIT. STRAP SHALL BE FACTORY MADE OF THE ONE HOLE MALLEABLE IRON OR TWO HOLE GALVANIZED CLAMP TYPE.
- b. PROVIDE EXPANSION COUPLINGS WHEREVER CONDUITS CROSS EXPANSION JOINTS.
- c. RUN CONDUIT AT RIGHT ANGLES OR PARALLEL TO STRUCTURAL MEMBERS, WALLS, FLOORS AND CEILINGS. WHERE SEVERAL CONDUITS ARE RUN TOGETHER OR SUSPENDED, THEY SHALL BE HUNG ON UNISTRUT TRAPEZES WITH MINIMUM 3/8-INCH ROD HANGERS.
- d. CUT ENDS OF CONDUIT SQUARE AND REAM TO REMOVE BURRS OR SHARP EDGES. TERMINATE CONDUITS PROPERLY WITH BUSHINGS, LOCKNUTS, ETC. TERMINATE ONE (1) INCH AND LARGER CONDUITS WITH INSULATED BUSHINGS.
- e. RENDER CONDUITS PROJECTING THROUGH THE ROOFING WATERTIGHT BY PROPER FLASHINGS. SECURELY FASTEN A SHEET METAL CAP AND TIGHTEN BANK OR STORM COLLAR TO THE CONDUITS. EXTEND FLASHING A MINIMUM OF SIX (6) INCHES IN ALL DIRECTIONS. COORDINATE AND INSTALL ROOF FLASHING FOR CONDUITS TO THE SATISFACTION OF THE PROJECT MANAGER.
- f. ALL CONDUIT RUNS SHALL HAVE A CODE SIZE INSULATED GROUNDING CONDUCTOR.
- g. PULL WIRES SHALL BE INSTALLED IN EMPTY CONDUITS INCLUDING TELEPHONE CONDUITS AND STUB_OUTS, NO. 12 AWG, TYPE "THWN" INSULATED COPPER WIRE OR 1/8-INCH POLYETHYLENE ROPE SHALL BE USED.
- h. FLEXIBLE CONDUIT CONNECTIONS SHALL COMPLY WITH NEC SECTION 350-22.

2.2 WIRE AND CABLE

A. 600 VOLT CONDUCTORS:

- 1. CONDUCTORS SHALL BE COPPER AND DELIVERED TO THE SITE IN THEIR ORIGINAL, UNBROKEN PACKAGES PLAINLY MARKED OR TAGGED WITH U.L. LABEL, SIZE, KIND, INSULATION, NAME OF MANUFACTURER AND TRADE NAME OF THE WIRE.
- 2. TYPE "THWN", 600 VOLT INSULATION FOR DAMP OR WET LOCATIONS OR ON BOILERS AND FURNACES AND THEIR CONTROLS.
- 3. TYPE "THHN" 600 VOLT INSULATION SHALL BE USED IN OTHER LOCATIONS UNLESS NOTED.
- 4. MINIMUM SIZE CONDUCTOR SHALL BE #12.
- 5. CONDUCTORS SHALL BE STRANDED.
- 6. GROUND CONDUCTORS SHALL BE BARE COPPER OR HAVE GREEN INSULATION.

B. INSTALLATION:

- 1. CONDUCTORS SHALL BE CONTINUOUS BETWEEN OUTLETS OR JUNCTION BOXES AND NO SPLICES SHALL BE MADE EXCEPT IN OUTLET BOXES, PULL BOXES, PANELBOARD GUTTERS OR HANDHOLES.
- 2. JOINTS, SPLICES AND TAPS NO. 10 OR SMALLER (INCLUDING FIXTURE PIGTAILS) SHALL BE CONNECTED WITH "FLOATING SPRING" TYPE CONNECTORS. NO. 8 AND LARGER SHALL BE CONNECTED WITH SOLDERLESS CONNECTORS OF 100% ELECTROLYTIC COPPER. SPLIT_BOLT CONNECTORS ARE NOT ACCEPTABLE.
- 3. TIGHTEN PRESSURE TYPE LUGS ON PANELS AND EQUIPMENT, AND THEN RETIGHTEN 24 HOURS OR MORE LATER AFTER ENERGIZING. PROVIDE WRITTEN REPORT OF TORQUE VALUES ON LUGS.
- 4. OIL OR GREASE SHALL NOT BE USED WHEN PULLING CONDUCTORS. USE U.L. APPROVED CABLE LUBRICATION ONLY.
- 5. LACE OR TRAIL CONDUCTORS NEATLY IN PANELS, CABINETS AND EQUIPMENT. USE PLASTIC WIRE TIES TO ROUTE CONDUCTORS AT EDGE OF ENCLOSURE AWAY FROM OVERCURRENT DEVICES.
- 6. BRANCH CIRCUITS SHALL BE COLOR CODED IN COMPLIANCE WITH SECTION 210_5 OF THE CALIFORNIA ELECTRICAL CODE. COLORED TAPE IS NOT ACCEPTABLE.
- 7. ALL WIRING, BOTH LINE AND LOW VOLTAGE, SHALL BE INSTALLED IN CONDUIT UNLESS OTHERWISE NOTED.

END OF SECTION 26 00 00

**W.S.M.M.
RELOCATION PACKAGE
FROM STOCKPILE TO SITE SPECIFIC
BAKERSFIELD CSD / MT VERNON E.S.
(X10) R.H. DOOR 2440 UNITS SNs:
22831-32/29794-95/29816-17/29894-95/
29908-09/29972-73/29974-75/30016-17/
30118-19/30282-83/**

**PC 275
RELOCATABLE BUILDING (S)
FOR
G E CAPITAL
STOCKPILE**

(1065) 24' X 40' BUILDINGS

JOB 2425: (15) BUILDINGS

SERIAL NOS: 22333 THRU 22362

JOB 2430: (450) BUILDINGS

SERIAL NOS: 22497 THRU 22506

JOB 2667: (600) BUILDINGS

SERIAL NOS: 29420 THRU 30619

**SHEETS MARKED WITH AN
ARROW ARE THE ONLY ONES
INCLUDED/REQD AS PART OF
THE RELOCATION PACKAGE.**

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APP: 03-123039 INC:

REVIEWED FOR

SS FLS RES ACS

DATE: 06/15/2023

ARCHITECTURAL

STRUCTURAL

MECHANICAL

ELECTRICAL

RAMP

- A0 -
- A1.0A -
- A1.0B -
- A2.0 -
- A2.1 -
- A2.2 -
- A2.3 -
- A2.4 -
- A2.5 -
- A2.6 -
- A2.7 -
- A2.8 -
- A2.9 -
- A3.0 -
- A3.1 -
- A3.2 -
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- A9.3 -
- A9.4 -
- A9.5 -
- A9.6 -
- A9.7 -
- A9.8 -
- A9.9 -
- F0.1 - FOUNDATION PLAN (SEE PC 04-120373)
- F0.2 - FOUNDATION PLAN (SEE PC 04-120373)
- F1.1 - FOUNDATION PLAN (MONOMORPHIC)
- F1.2 - FOUNDATION PLAN (MONOMORPHIC)
- F2.1 - FOUNDATION PLAN (MONOMORPHIC)
- F2.2 - FOUNDATION PLAN (MONOMORPHIC)
- F3.0 - FOUNDATION DETAILS (SEE PC 04-120373)
- F4.1 - FOUNDATION PLANS (CONCRETE)
- F4.2 - FOUNDATION DETAILS (CONCRETE)
- F5.0 - FOUNDATION PLANS (CONCRETE)
- F5.1 - FOUNDATION PLANS (CONCRETE)
- F5.2 - FOUNDATION PLANS (CONCRETE)
- F5.3 - FOUNDATION PLANS (CONCRETE)
- F5.4 - FOUNDATION PLANS (CONCRETE)
- F5.5 - FOUNDATION PLANS (CONCRETE)
- F5.6 - FOUNDATION PLANS (CONCRETE)
- F5.7 - FOUNDATION PLANS (CONCRETE)
- F5.8 - FOUNDATION PLANS (CONCRETE)
- F5.9 - FOUNDATION PLANS (CONCRETE)
- F6.0 - FOUNDATION PLANS (CONCRETE)
- F6.1 - FOUNDATION PLANS (CONCRETE)
- F6.2 - FOUNDATION PLANS (CONCRETE)
- F6.3 - FOUNDATION PLANS (CONCRETE)
- F6.4 - FOUNDATION PLANS (CONCRETE)
- F6.5 - FOUNDATION PLANS (CONCRETE)
- F6.6 - FOUNDATION PLANS (CONCRETE)
- F6.7 - FOUNDATION PLANS (CONCRETE)
- F6.8 - FOUNDATION PLANS (CONCRETE)
- F6.9 - FOUNDATION PLANS (CONCRETE)
- F7.0 - FOUNDATION PLANS (CONCRETE)
- F7.1 - FOUNDATION PLANS (CONCRETE)
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- F7.4 - FOUNDATION PLANS (CONCRETE)
- F7.5 - FOUNDATION PLANS (CONCRETE)
- F7.6 - FOUNDATION PLANS (CONCRETE)
- F7.7 - FOUNDATION PLANS (CONCRETE)
- F7.8 - FOUNDATION PLANS (CONCRETE)
- F7.9 - FOUNDATION PLANS (CONCRETE)
- F8.0 - FOUNDATION PLANS (CONCRETE)
- F8.1 - FOUNDATION PLANS (CONCRETE)
- F8.2 - FOUNDATION PLANS (CONCRETE)
- F8.3 - FOUNDATION PLANS (CONCRETE)
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- F8.6 - FOUNDATION PLANS (CONCRETE)
- F8.7 - FOUNDATION PLANS (CONCRETE)
- F8.8 - FOUNDATION PLANS (CONCRETE)
- F8.9 - FOUNDATION PLANS (CONCRETE)
- F9.0 - FOUNDATION PLANS (CONCRETE)
- F9.1 - FOUNDATION PLANS (CONCRETE)
- F9.2 - FOUNDATION PLANS (CONCRETE)
- F9.3 - FOUNDATION PLANS (CONCRETE)
- F9.4 - FOUNDATION PLANS (CONCRETE)
- F9.5 - FOUNDATION PLANS (CONCRETE)
- F9.6 - FOUNDATION PLANS (CONCRETE)
- F9.7 - FOUNDATION PLANS (CONCRETE)
- F9.8 - FOUNDATION PLANS (CONCRETE)
- F9.9 - FOUNDATION PLANS (CONCRETE)
- S1.0 - FLOOR FRAMING PLAN (TYPICAL)
- S1.1 - FLOOR FRAMING PLAN (TYPICAL)
- S1.2 - FLOOR FRAMING PLAN (TYPICAL)
- S1.3 - FLOOR FRAMING PLAN (TYPICAL)
- S1.4 - FLOOR FRAMING PLAN (TYPICAL)
- S1.5 - FLOOR FRAMING PLAN (TYPICAL)
- S1.6 - FLOOR FRAMING PLAN (TYPICAL)
- S1.7 - FLOOR FRAMING PLAN (TYPICAL)
- S1.8 - FLOOR FRAMING PLAN (TYPICAL)
- S1.9 - FLOOR FRAMING PLAN (TYPICAL)
- S2.0 - ROOF FRAMING PLAN (TYPICAL)
- S2.1 - ROOF FRAMING PLAN (TYPICAL)
- S2.2 - ROOF FRAMING PLAN (TYPICAL)
- S2.3 - ROOF FRAMING PLAN (TYPICAL)
- S2.4 - ROOF FRAMING PLAN (TYPICAL)
- S2.5 - ROOF FRAMING PLAN (TYPICAL)
- S2.6 - ROOF FRAMING PLAN (TYPICAL)
- S2.7 - ROOF FRAMING PLAN (TYPICAL)
- S2.8 - ROOF FRAMING PLAN (TYPICAL)
- S2.9 - ROOF FRAMING PLAN (TYPICAL)
- S3.0 - STRUCTURAL ELEVATIONS AND DETAILS (MONO-PITCH)
- S3.1 - STRUCTURAL ELEVATIONS AND DETAILS (DUAL-PITCH)
- S3.2 - STRUCTURAL ELEVATIONS AND DETAILS (DUAL-PITCH)
- S3.3 - STRUCTURAL ELEVATIONS AND DETAILS (DUAL-PITCH)
- S3.4 - STRUCTURAL ELEVATIONS AND DETAILS (DUAL-PITCH)
- S3.5 - STRUCTURAL ELEVATIONS AND DETAILS (DUAL-PITCH)
- S3.6 - STRUCTURAL ELEVATIONS AND DETAILS (DUAL-PITCH)
- S3.7 - STRUCTURAL ELEVATIONS AND DETAILS (DUAL-PITCH)
- S3.8 - STRUCTURAL ELEVATIONS AND DETAILS (DUAL-PITCH)
- S3.9 - STRUCTURAL ELEVATIONS AND DETAILS (DUAL-PITCH)
- S4.0 - WALL FRAMING (METAL)
- S4.1 - WALL FRAMING (WOOD)
- S4.2 - WALL FRAMING (WOOD)
- S4.3 - WALL FRAMING (WOOD)
- S4.4 - WALL FRAMING (WOOD)
- S4.5 - WALL FRAMING (WOOD)
- S4.6 - WALL FRAMING (WOOD)
- S4.7 - WALL FRAMING (WOOD)
- S4.8 - WALL FRAMING (WOOD)
- S4.9 - WALL FRAMING (WOOD)
- S5.0 - FRAMING DETAILS (METAL)
- S5.1 - FRAMING DETAILS (METAL)
- S5.2 - FRAMING DETAILS (METAL)
- S5.3 - FRAMING DETAILS (METAL)
- S5.4 - FRAMING DETAILS (METAL)
- S5.5 - FRAMING DETAILS (METAL)
- S5.6 - FRAMING DETAILS (METAL)
- S5.7 - FRAMING DETAILS (METAL)
- S5.8 - FRAMING DETAILS (METAL)
- S5.9 - FRAMING DETAILS (METAL)
- M1.0A - HVAC (HVAC) PLAN (24X40)
- M1.0B - HVAC (HVAC) PLAN (24X40)
- M1.0C - HVAC (HVAC) PLAN (24X40)
- M1.0D - HVAC (HVAC) PLAN (24X40)
- M1.0E - HVAC (HVAC) PLAN (24X40)
- M1.0F - HVAC (HVAC) PLAN (24X40)
- M1.0G - HVAC (HVAC) PLAN (24X40)
- M1.0H - HVAC (HVAC) PLAN (24X40)
- M1.0I - HVAC (HVAC) PLAN (24X40)
- M1.0J - HVAC (HVAC) PLAN (24X40)
- M1.0K - HVAC (HVAC) PLAN (24X40)
- M1.0L - HVAC (HVAC) PLAN (24X40)
- M1.0M - HVAC (HVAC) PLAN (24X40)
- M1.0N - HVAC (HVAC) PLAN (24X40)
- M1.0O - HVAC (HVAC) PLAN (24X40)
- M1.0P - HVAC (HVAC) PLAN (24X40)
- M1.0Q - HVAC (HVAC) PLAN (24X40)
- M1.0R - HVAC (HVAC) PLAN (24X40)
- M1.0S - HVAC (HVAC) PLAN (24X40)
- M1.0T - HVAC (HVAC) PLAN (24X40)
- M1.0U - HVAC (HVAC) PLAN (24X40)
- M1.0V - HVAC (HVAC) PLAN (24X40)
- M1.0W - HVAC (HVAC) PLAN (24X40)
- M1.0X - HVAC (HVAC) PLAN (24X40)
- M1.0Y - HVAC (HVAC) PLAN (24X40)
- M1.0Z - HVAC (HVAC) PLAN (24X40)
- E1.0A - ELECTRICAL PLAN (24X40)
- E1.0B - ELECTRICAL PLAN (24X40)
- E1.0C - ELECTRICAL PLAN (24X40)
- E1.0D - ELECTRICAL PLAN (24X40)
- E1.0E - ELECTRICAL PLAN (24X40)
- E1.0F - ELECTRICAL PLAN (24X40)
- E1.0G - ELECTRICAL PLAN (24X40)
- E1.0H - ELECTRICAL PLAN (24X40)
- E1.0I - ELECTRICAL PLAN (24X40)
- E1.0J - ELECTRICAL PLAN (24X40)
- E1.0K - ELECTRICAL PLAN (24X40)
- E1.0L - ELECTRICAL PLAN (24X40)
- E1.0M - ELECTRICAL PLAN (24X40)
- E1.0N - ELECTRICAL PLAN (24X40)
- E1.0O - ELECTRICAL PLAN (24X40)
- E1.0P - ELECTRICAL PLAN (24X40)
- E1.0Q - ELECTRICAL PLAN (24X40)
- E1.0R - ELECTRICAL PLAN (24X40)
- E1.0S - ELECTRICAL PLAN (24X40)
- E1.0T - ELECTRICAL PLAN (24X40)
- E1.0U - ELECTRICAL PLAN (24X40)
- E1.0V - ELECTRICAL PLAN (24X40)
- E1.0W - ELECTRICAL PLAN (24X40)
- E1.0X - ELECTRICAL PLAN (24X40)
- E1.0Y - ELECTRICAL PLAN (24X40)
- E1.0Z - ELECTRICAL PLAN (24X40)
- R1.0 - RAMP PLAN
- R2.0 - RAMP DETAILS

SYMBOLS		
TYPE	SYMBOL	DESCRIPTION
DETAIL		DETAIL ON SAME SHEET AS SYMBOL
DETAIL		DETAIL NUMBER (1) ON SHEET NUMBER (2)
NOTE		NOTE NO. 1 ON SAME SHEET AS SYMBOL
NOTE		NOTE NO. 1 ON SHEET NUMBER (2)
WALL PANEL		WALL PANEL TYPE 'A' ON SHEET (1)
SECTION		SECTION 'A' ON SHEET (2)
REV		REVISION CHANGE IN DWG. NO. (1) FIRST REVISION
REV		HIGHLIGHTS CHANGED AREA
REFERENCE		DOOR REFERENCE
REFERENCE		WINDOW REFERENCE

SPECIFICATIONS SUBJECT TO CHANGE DUE TO PRODUCT IMPROVEMENT

APPLICABLE CODES - NEW CONSTRUCTION

1994 UBC AND 1995 CALIFORNIA AMENDMENTS (19 CALIFORNIA BUILDING CODE - PART 2, TITLE 24, CCR)
 1993 NEC AND 1995 CALIFORNIA AMENDMENTS (19 CALIFORNIA ELECTRICAL CODE - PART 5, TITLE 24, CCR)
 1994 UMC AND 1995 CALIFORNIA AMENDMENTS (19 CALIFORNIA MECHANICAL CODE - PART 4, TITLE 24, CCR)
 1994 UPC AND 1995 CALIFORNIA AMENDMENTS (19 CALIFORNIA PLUMBING CODE - PART 5, TITLE 24, CCR)
 1994 UNIFORM FIRE CODE WITH STATE AMENDMENTS (CALIFORNIA FIRE CODE) - PART 1, TITLE 24, CCR
 1994 BUILDING STANDARDS CODE WITH STATE REFERENCED STANDARDS CODE - PART 12, TITLE 24, CCR
 TITLE 19, C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

BUILDING DATA	
24'X40' BUILDING	
OCCUPANCY	E-2
TYPE OF CONSTRUCTION	V-M
WIND LOAD	70 MPH, EXP. C
FLOOR LIVE LOAD	50 PSF
ROOF LIVE LOAD	20 PSF, REDUCIBLE FOR AREA
DEAD LOAD	90 PSF
STRUCTURAL SYSTEM	RIGID FRAME

*NO ALTERNATE FOR ALL SHEET PER ATTACHED IS, USE NO. 9 TABS, AT THE SAME SPACING.

REVISED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 66341
NO. 100 FLS 222 SS 200
DATE: MAY 20 1999

ACP: J. SCHWILKE
FLS: P. ALLAN
SS: G. THOMAS

APPROVED
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

SS: CH/SP
NO. 66341, DATE 12/19/97

ACP: J. SCHWILKE
FLS: P. ALLAN
SS: G. THOMAS

REVISION QTY OF BLDGS 12/30/97

BY ORDER OF THE DIVISION, THE ARCHITECTURE THAT HE HAVE TO THESE PLANS AND SPECIFICATIONS AND HAVE FOUND THEM TO BE IN CONFORMANCE WITH THE BUILDING, MECHANICAL, ELECTRICAL AND PLUMBING CODES AND WITH THE BUILDING AND SPECIFICATIONS FROM WHICH THEY ARE DERIVED. THE ARCHITECTURE, THEREFORE, SHALL BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THESE PLANS AND SPECIFICATIONS, AND ANY ADDENDUMS THERE TO.

ARCHITECT

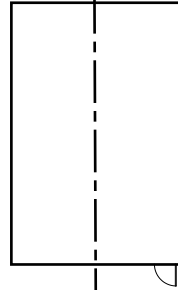
FOR PC PLAN ONLY - AS OF RECORD:
JAMES T. OMPSON
ENR. STRUCTURAL ENGINEERING
901 S. MATTIE BUNDR
LA HABRA, CA 91748
(909) 217-1201

STRUCTURAL

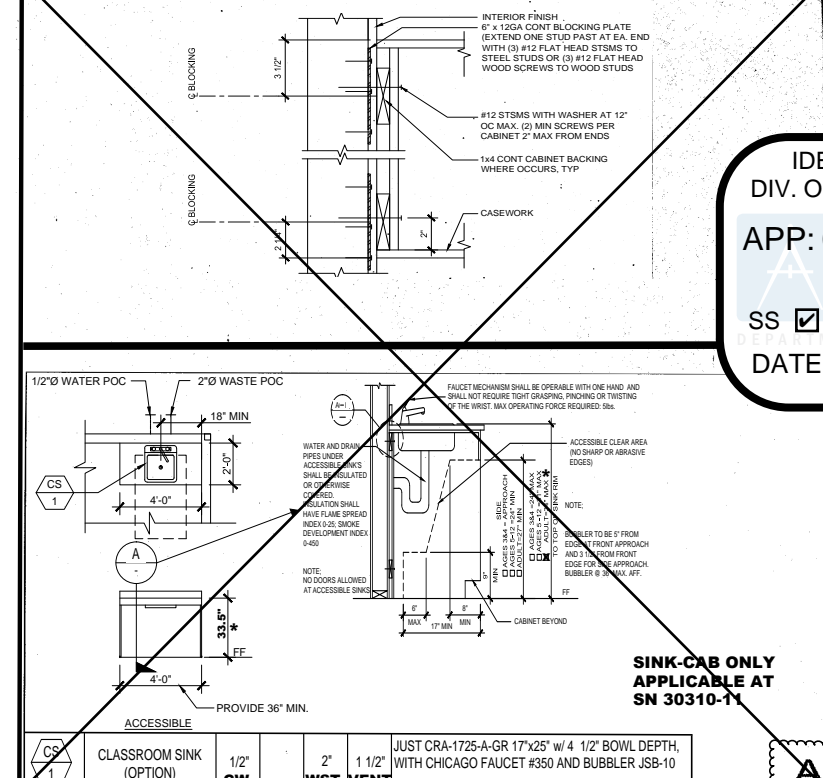
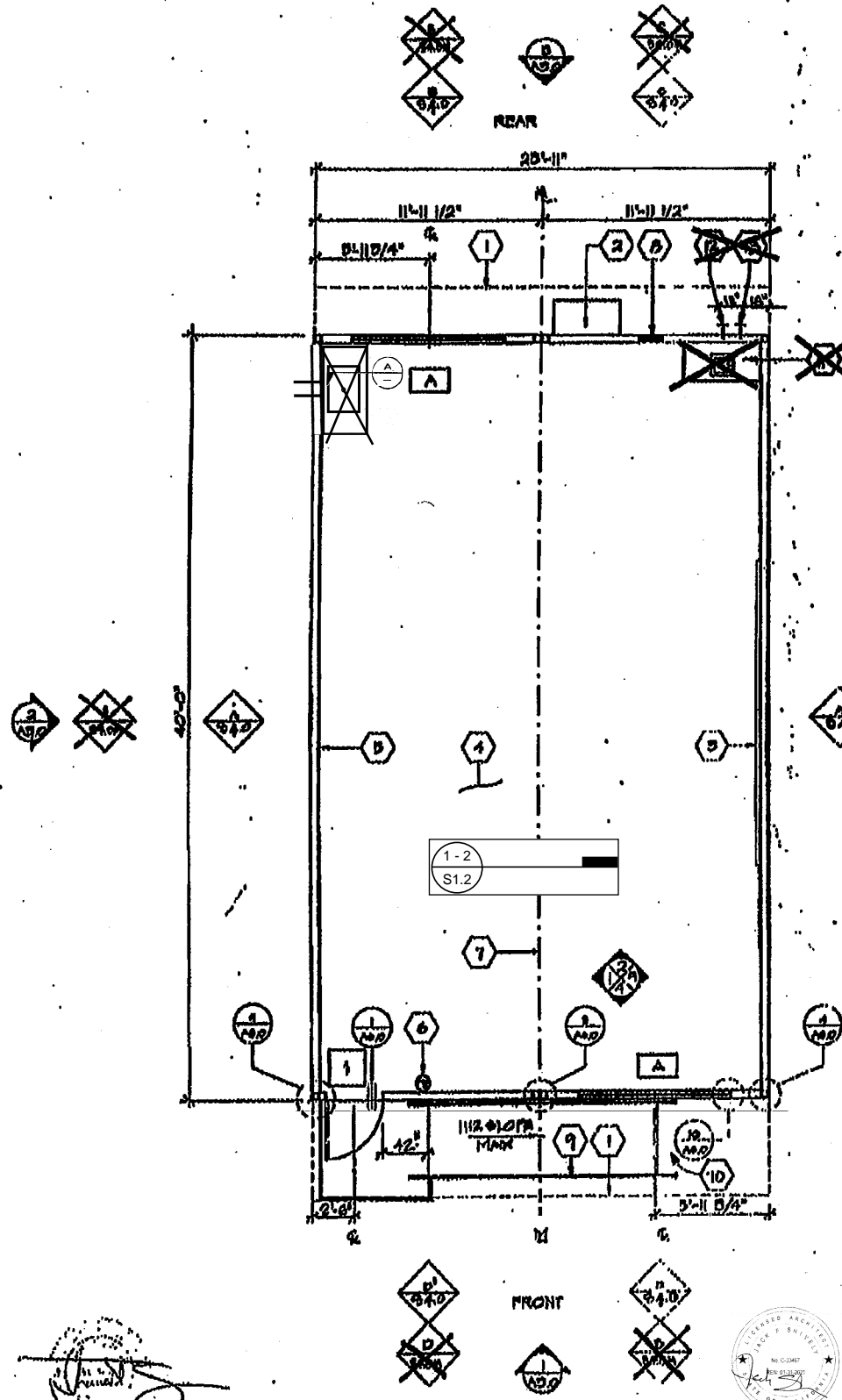
PC 275
SS: G. THOMAS

TITLE SHEET

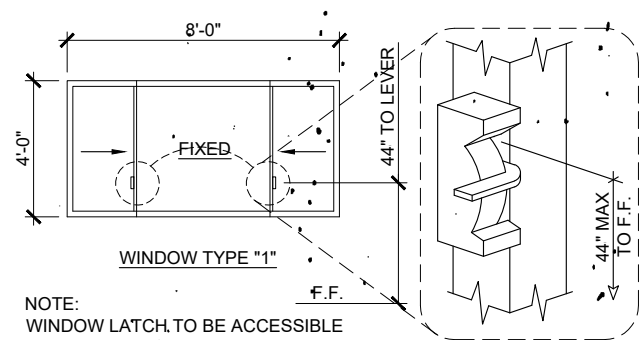
KEY PLAN



SNs : RH
 22831-32
 29794-95
 29816-17
 29894-95
 29908-09
 29972-73
 29974-75
 30016-17
 30118-19
 30282-83



CS 1	CLASSROOM SINK (OPTION)	1/2" CW	2" WST VENT	JUST CRA-1725-A-GR 17"x25" w/ 4 1/2" BOWL DEPTH, WITH CHICAGO FAUCET #350 AND BUBBLER JSB-10
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NOTE:
 WINDOW LATCH TO BE ACCESSIBLE PER 11B-309.4 & 11B-308 (@ ONE WINDOW ONLY)

HARDWARE SCHEDULE

1 HARDWARE SET #1

LOCKSET	- SCHLAGE D75PD RHODES LEVER, OR EQUAL
PLATE	- 1-1/2" PAR HANGER 1279 DB 4-1/2" x 4-1/2" NRP 260 OR EQUAL
CLOSER	- NORTON 8500 DA / LCH 1480 OR EQUAL
THRESHOLD	- PEMCO 271A OR EQUAL
DOOR BOTTOM	- PEMCO 216W OR EQUAL
WEATHERSTRIP	- PEMCO 289W OR EQUAL
DOOR STOP	- QUALITY #44 OR EQUAL

"A" SHOWN
"B" OPPOSITE SEE KEY PLAN
FLOOR PLAN

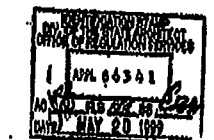
SCALE 1/4"=1'-0"

LEGEND

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 DIV. OF THE STATE ARCHITECT
 APP: 03-123039 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 06/15/2023

- 2 HVAC UNIT - ONE M-I-O
- 3 2- 8"x4" MARKER BOARDS (SEE SPEC FOR TYPE)
- 4 FINISH FLOORING (SEE FINISH SCHED)
- 5 TYPICAL INTERIOR FINISH (SEE FINISH SCHED)
- 6 FIRE EXTINGUISHER - 5 LBS. DRY CHEMICAL WITH 2A20BC UL RATING ON WALL MID. RE. HANDLE AT 45°
- 7 MODLINE (IF TYPICAL) SEE 1,2 / S1.2
- 8 ELECTRICAL PANEL (SEE D1.0)
- 9 RAMP (SEE R1.0 & R2.0)
- 10 RAMP LANDING (SEE DET. 11 ON S11 R2.0)
- 11 ACCESSIBLE CLEARANCE
- 12 SINK: CRA-1725-A-GR 17" BOWL DEPTH FAUCET: CHICAGO 350, BUBBLER: JSB-10
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REVISED



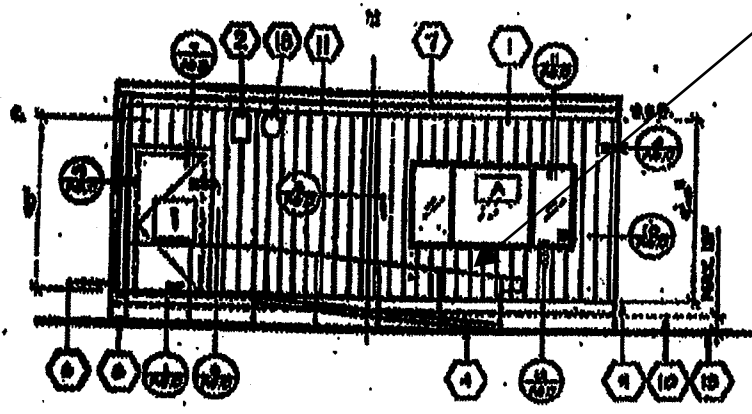
ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY	INC.	FLOOR PLAN	A1.0A
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ALL SURFACES SHALL BE SMOOTH WITH NO SHARP CORNERS, PER CBC 11B-505.8
WALL TO BE SMOOTH AND TO EXTEND 8" ABOVE HANDRAIL

LEGEND

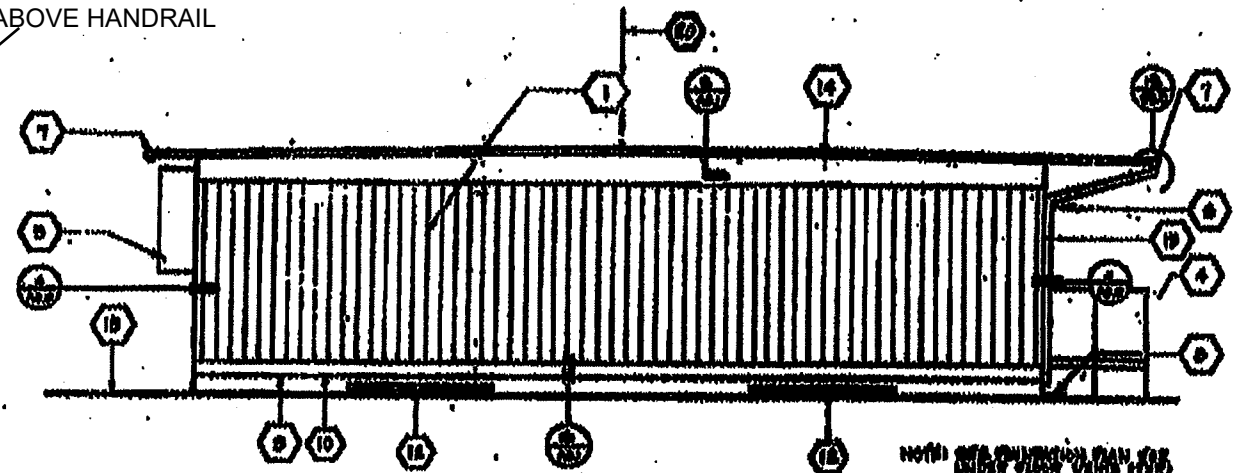
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-123039 INC:
REVIEWED FOR
SS FLS ACS
DATE: 06/15/2023

- 2 EXTERIOR LIGHT FIXTURE (SEE SPECIFICATIONS)
- 3 TOP OF SKINING
- 4 RAMP AND LANDING SEE SH. M-10
- 5 HVAC UNIT SEE SH. M-1
- 6 DOWNPOUT (TYP) FASTEN TO FLOORING & PLACED (SEE PLAN)
- 7 CONTINUOUS GUTTER WITH DOWNPOUT (LOCATION OF DOWNPOUT SHOWN ON ROOF PLAN ALSO)
- 8 SPLASH BLOCK (BY OTHERS)
- 9 FINISH FLOOR LINE
- 10 BOTTOM FLANGE OF FLOOR BEAM
- 11 ROOF PEAKER
- 12 VENT SEE FOUNDATION PLAN
- 13 FINISH GRADE
- 14 ROOF BEAM (SEE STRUCTURAL)
- 15 COLUMN (SEE STRUCTURAL)
- 16 ELECTRICAL STUD-OUT 1/2" (TYPICAL)
- 17 GROUND STUD-OUT 1/2" (TYPICAL)
- 18 FIRE ALARM HORN (HIC)
- 19 NEMA 5"X6" GUTTER BOX
- 20 FLOOR



1 FRONT ELEVATION

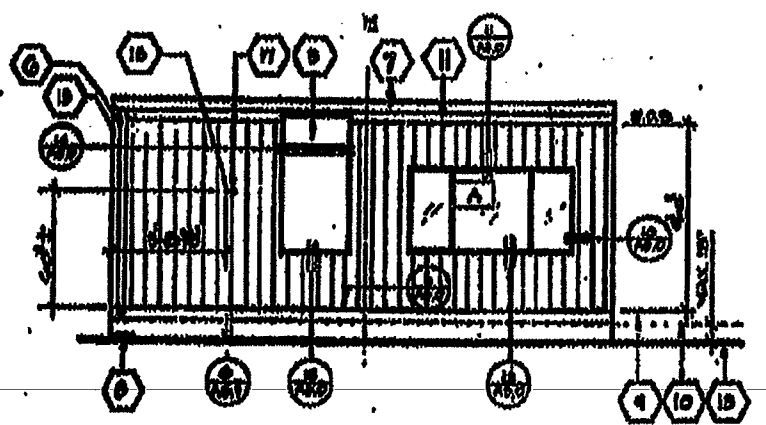
SCALE 1/4"=1'-0"



2 SIDE ELEVATION

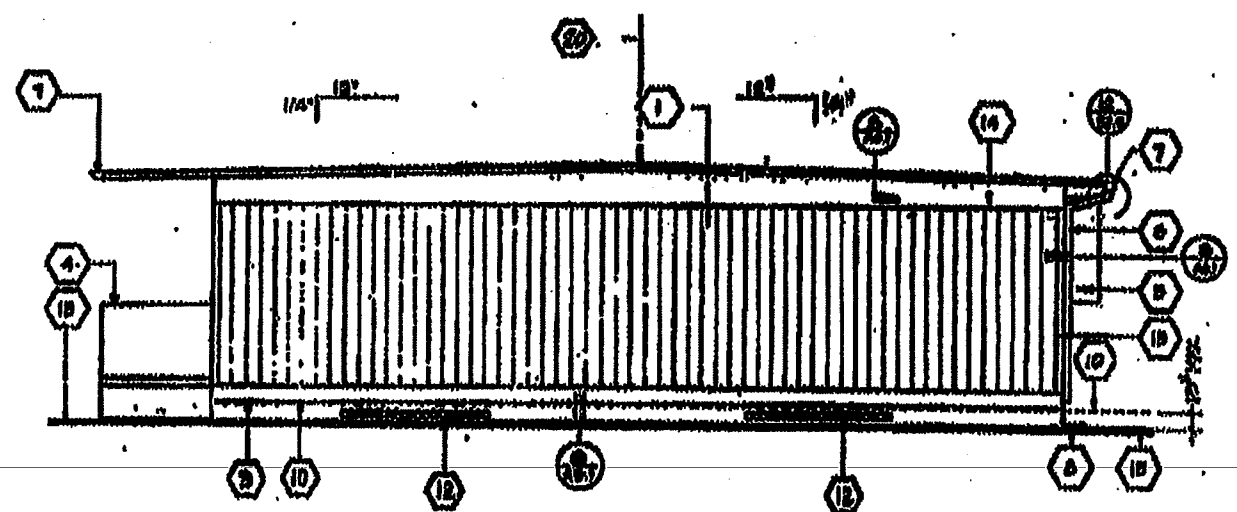
SCALE 1/4"=1'-0"

"A" SHOWN
"B" OPPOSITE



3 REAR ELEVATION

SCALE 1/4"=1'-0"



4 SIDE ELEVATION

SCALE 1/4"=1'-0"

NOTE:
SEE FOUNDATION PLAN FOR
SIZE & LOCATION OF VENTS

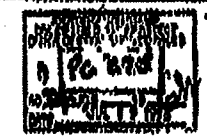
REFER TO ARCH. DRAWINGS FOR DOOR
SIGNAGE / BUILDING ID / REQUIREMENTS
SIGNAGE BY DISTRICT.

"A" SHOWN
"B" OPPOSITE



DATE: DEC 1, 2023

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY
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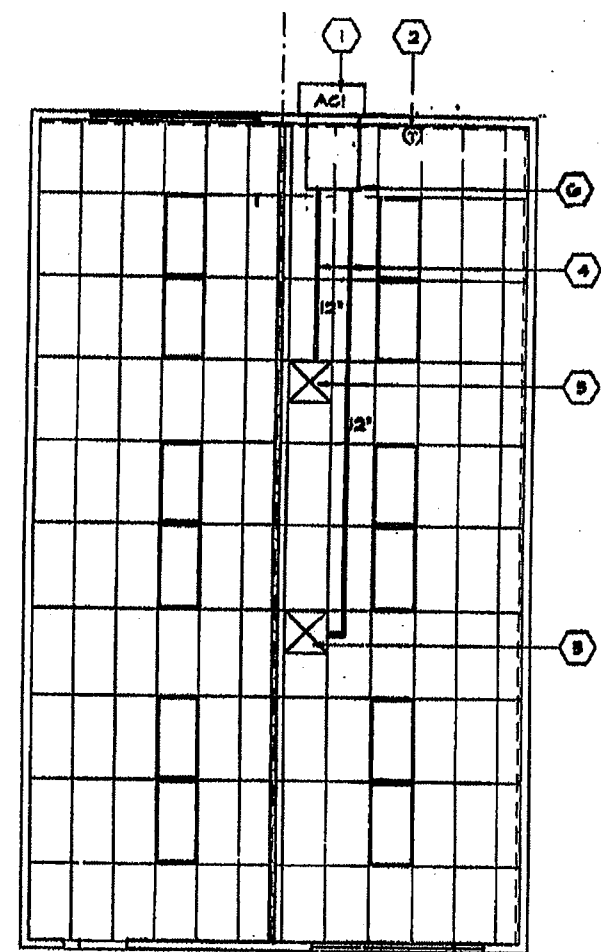


24'X40' DUAL PITCH
EXTERIOR ELEVATIONS
A3.0A

EQUIPMENT SCHEDULE

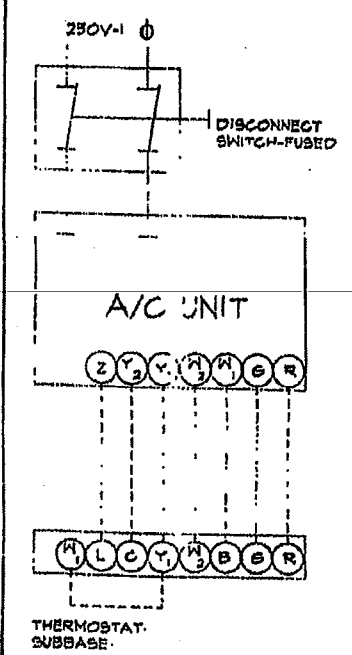
IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-123039 INC:
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 SS FLS ACS
 DATE: 06/15/2023

PUMP NOMINAL
 5741 HP
 D.L.A. & CALIFORNIA
 1400 CFM
 A. 55 AMP



- 4 12" FLEX DUCT
- 9 18X18 4W 700CFM SUPPLY AIR
- 6 16" x 50" x 2' PLENUM
- 7 NOT USED

CONTROL SCHEMATIC



SCHOOL EQUIPMENT ANCHORAGE
 THE FOLLOWING IS FOR THE MECHANICAL ENGINEER'S INFORMATION ONLY
 THE SEISMIC ANCHORAGE OF MECHANICAL EQUIPMENT SHALL CONFORM TO C.S.R. TITLE 24, SECTION 2312 (b) AND TABLE 23-P. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS. AND HANG EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLANS.
FOR MECHANICAL DRAWINGS:
 ALL MECHANICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

EQUIPMENT ON GRADE	50% OF OPERATING HEIGHT
EQUIPMENT ON STRUCTURE	50% OF OPERATING HEIGHT

 FOR FLOORLY MOUNTED EQUIPMENT USE 4 X THE ABOVE VALUES AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 A THE HORIZONTAL FORCE
 THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR I = 1.0 AND SEISMIC ZONE, Z = 0.4.
 THESE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENGR AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT

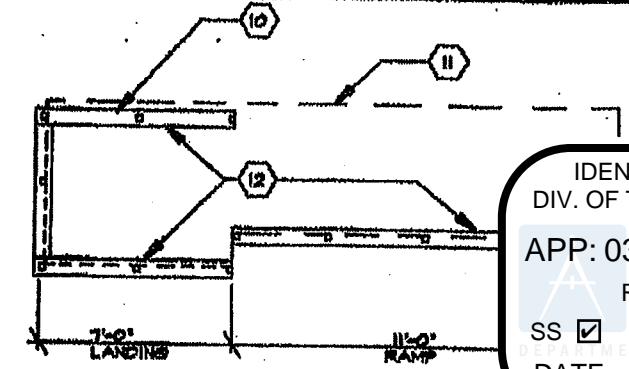
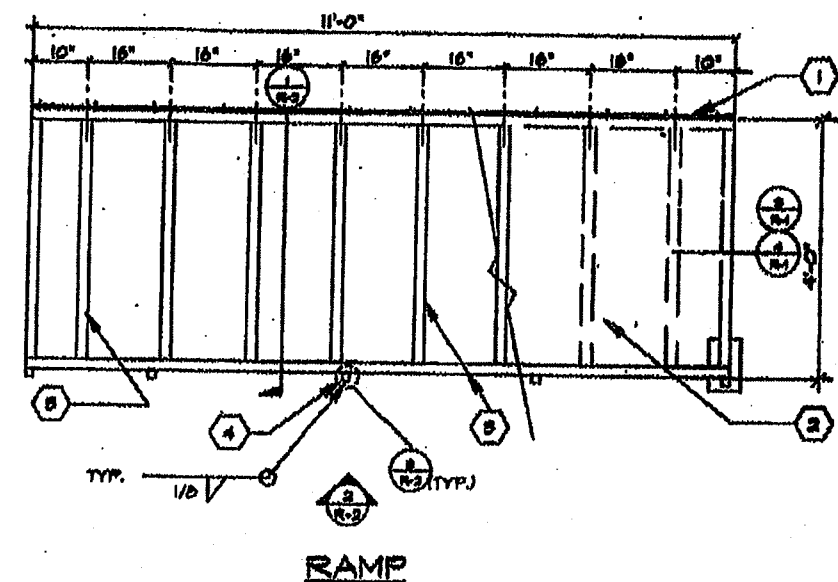
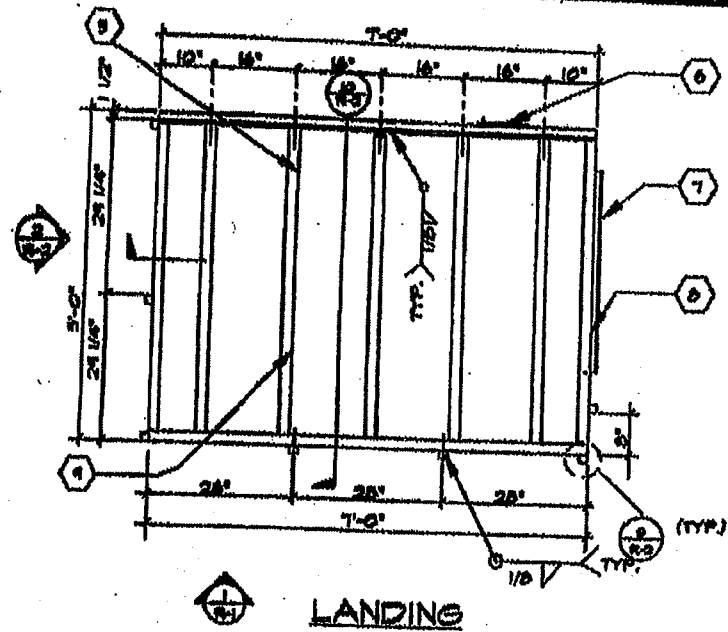
"A" SHOWN
 "B" OPPOSITE

MECH. (HVAC) PLAN

SCALE 1/4"=1'-0"



ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY					



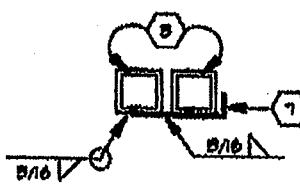
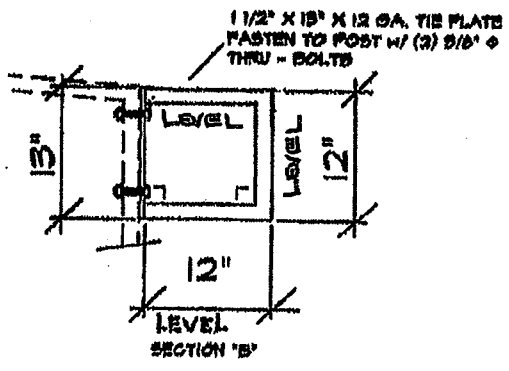
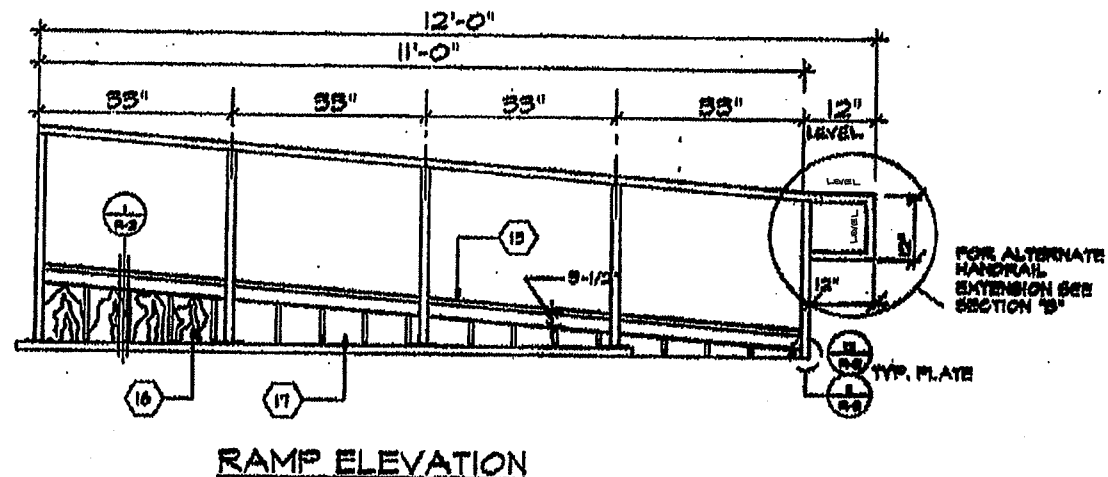
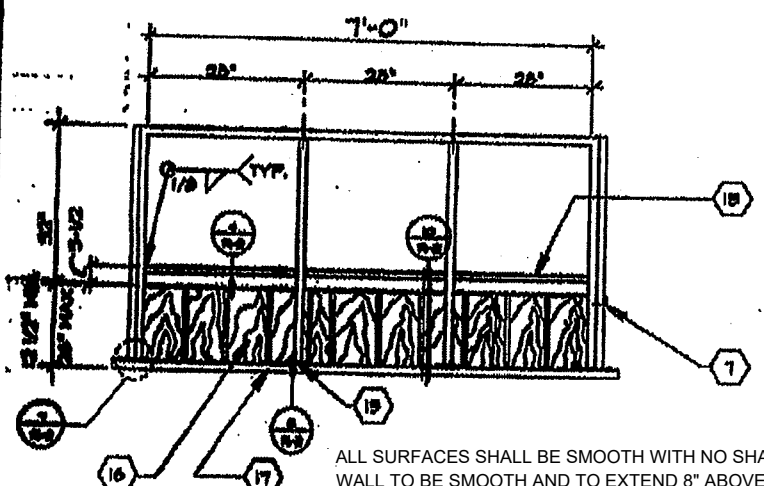
IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-123039 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 06/15/2023

NOTES

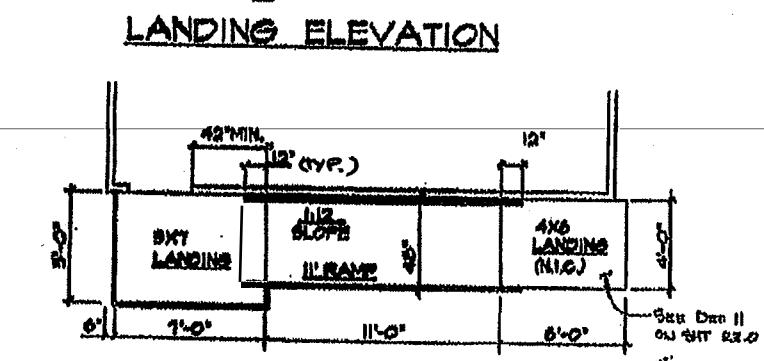
1. RAMP HANDRAILS SHALL NOT SLOPE MORE THAN 1" FOR EACH 12" OF RAMP.
 2. BOTH SIDES OF RAMP SHALL BE FINISHED WITH AN ANTI-SLIP SURFACE BY AMERICAN SAFETY SURFACING TO BLDG FRAME.
 3. THE HANDRAIL SHALL BE 36" HIGH FROM FINISHED RAMP SURFACE TO BE INSTALLED AT A MINIMUM OF 12" FROM THE EDGE OF THE RAMP AND SHALL BE INSTALLED WITH AN ANTI-SLIP SURFACE.
 4. BOTTOM LANDING DIMENSIONS SHALL BE AS SHOWN ON SHEET R-1. THE ARCHITECT SHALL BE RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON SHEET R-1.

KEY NOTES

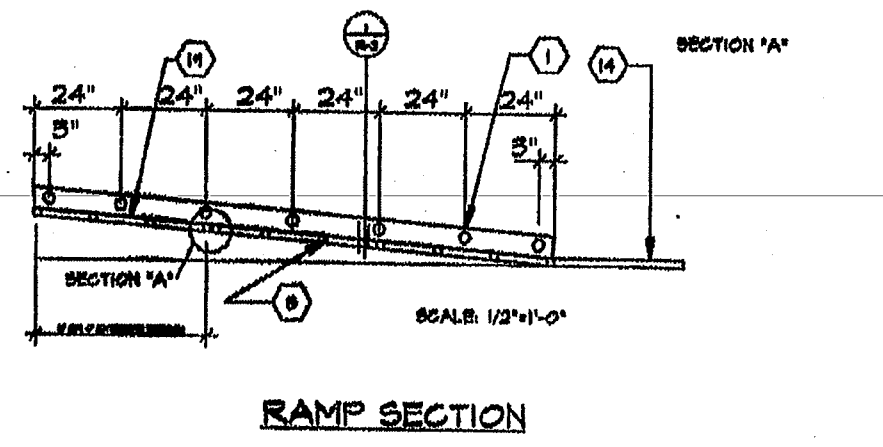
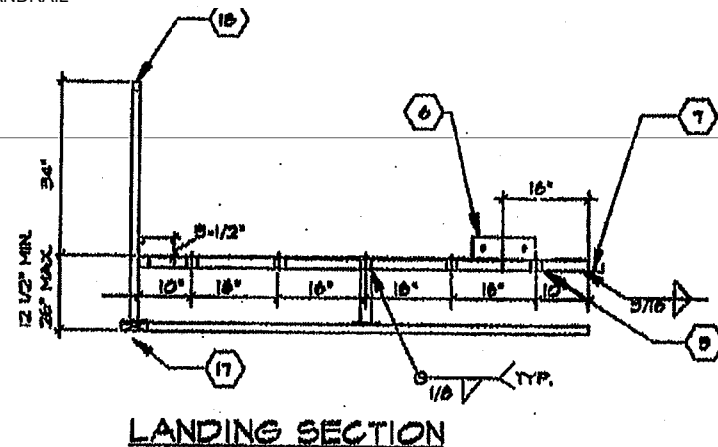
- 1 3/4" X 1/2" X 1/2" GALV. CONT. PLATE WITH 1/4" DIA. LAG BOLDS @ 12" O.C. INTO STUDS OR FOUND. TRUS OR #4 X 1-1/2" TEK SCREWS INTO STEEL @ 12" O.C.
- 2 12GA. METAL DECKING (TYPICAL)
- 3 TUBE STEEL 2" X 2" X 1/4" GALV. TYPICAL FOR RAMP FRAMING.
- 4 LBS @ 26" O.C.
- 5 JOISTS @ 16" O.C.
- 6 3/4" X 1/2" X 1/2" GALV. LONG LAG BOLDS TO STRUCTURAL FRAMING OF BLDG.
- 7 5" X 1/2" O.A. DEPT. PLATE WELDED TO FRAME
- 8 TUBE STEEL 1-1/2" X 1/2" X 1/4" GALV. THIS SIDE ONLY
- 9 TUBE STEEL 2" X 2" X 1/4" GALV. TYPICAL LANDING FRAME
- 10 VERTICAL POST (TYPICAL) 1 1/2" DIA.
- 11 OUTLINE OF RAMP AND LANDING
- 12 2ND FT. SILL PL.
- 13 1" X 1/2" X 1/2" GALV. CONT. WHEEL CHAIR WHEEL GUARD
- 14 A/C PAVING BY DISTRICT (N/C)
- 15 2" X 1/2" X 1/2" GALV. PLATE W/ 2" X 1/2" X 1/4" LAG BOLDS (TYPICAL)
- 16 TYPICAL SKIRTING (SEE SPEC) ATTACH W/ 1/2" X 1/2" X 1/4" LAG @ 4" O.C. EDGES @ 12" O.C. FIELD BLOCK ALL EDGES
- 17 2ND FT. CONT. SILL PL. @ PERIMETER
- 18 HANDRAIL 1 1/2" DIA. TUBE
- 19 12GA. METAL DECK W/ ANTI-SLIP SURFACE. MINIMUM COEFFICIENT OF FRICTION GREATER THAN .08 MAINTAINABLE FOR 1 YEAR.



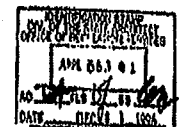
ALL SURFACES SHALL BE SMOOTH WITH NO SHARP CORNERS, PER CBC 11B-505.8
 WALL TO BE SMOOTH AND TO EXTEND 8" ABOVE HANDRAIL



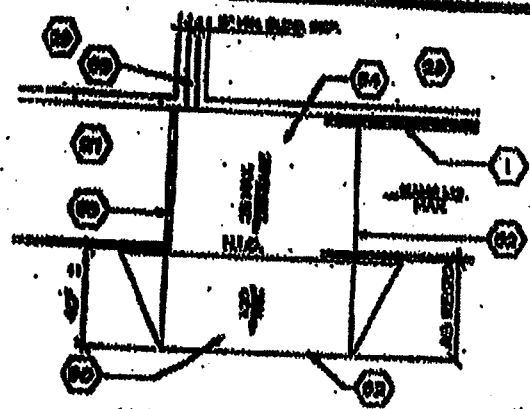
TRANSITION/BUILD UP FROM BOTTOM LANDING TO TOE OF RAMP IS BY DISTRICT.



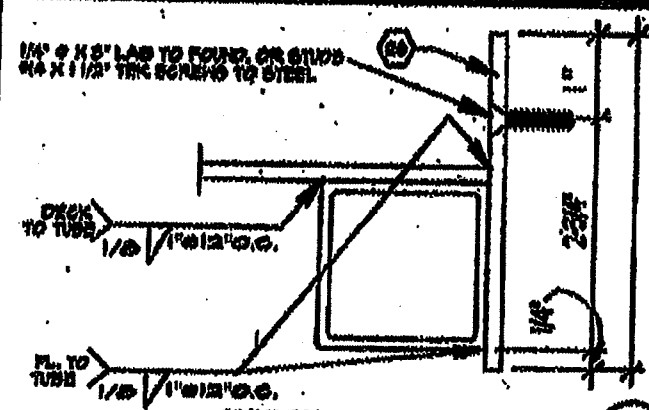
RAMP PLAN/ELEVATIONS
 SCALE 1/4"=1'-0"



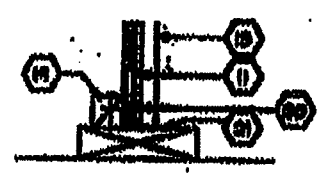
ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY		JOB # © MODTECH INC., 1994 DRAWN BY CHECKED BY DATE
								RAMP AND LANDING PLAN R.1.0



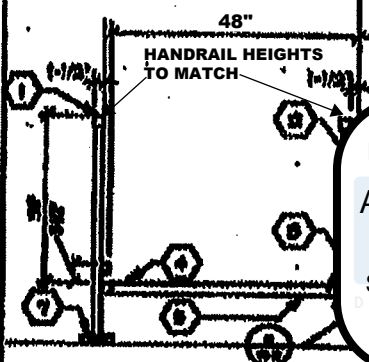
SCALE 3/4"=1'
RAMP TRANSITION (12)



SCALE 3/4"=1'
SECTION @ PLATE (9)



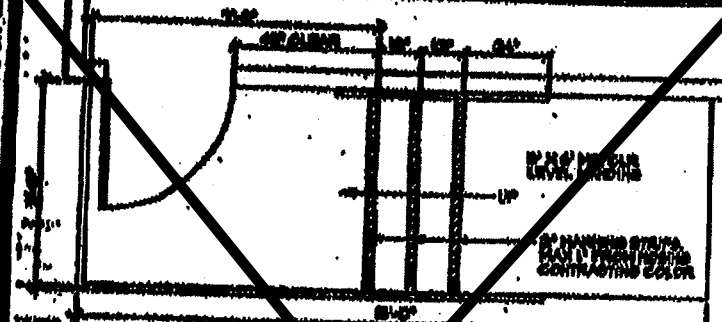
SCALE 3/4"=1'
SKIRTING @ BILL PLATE (5)



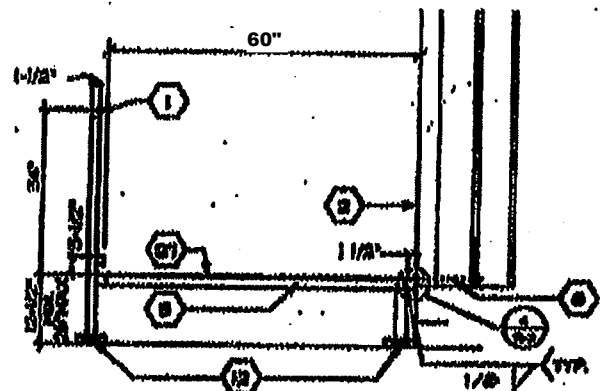
SCALE 3/4"=1'
SECTION @ RAMP (1)

KEY NOTES

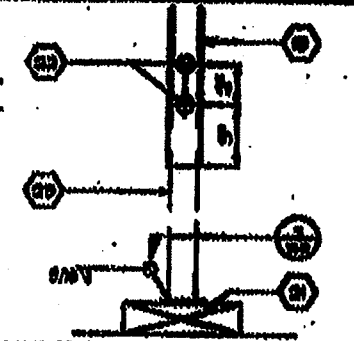
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-123039 INC:
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SS FLS ACS
DATE: 06/15/2023



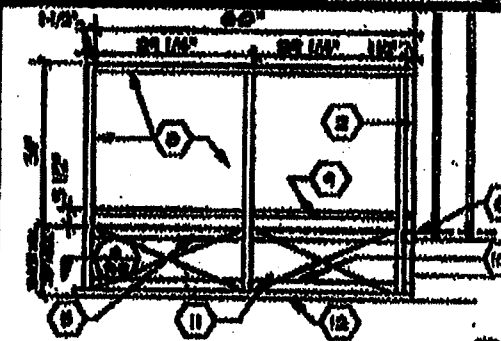
TYPICAL STAIR PLAN (OPTIONAL) (15)



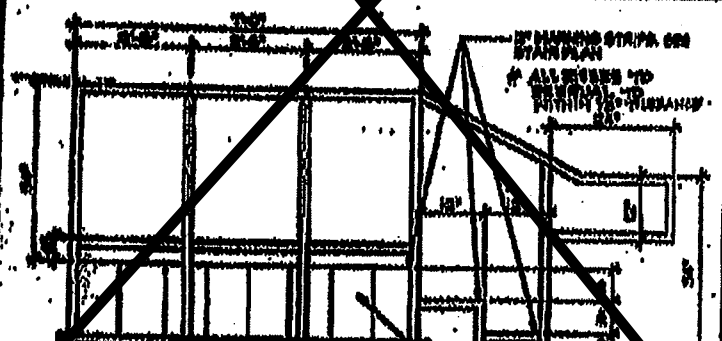
SCALE 3/4"=1'
SECTION @ LANDING (10)



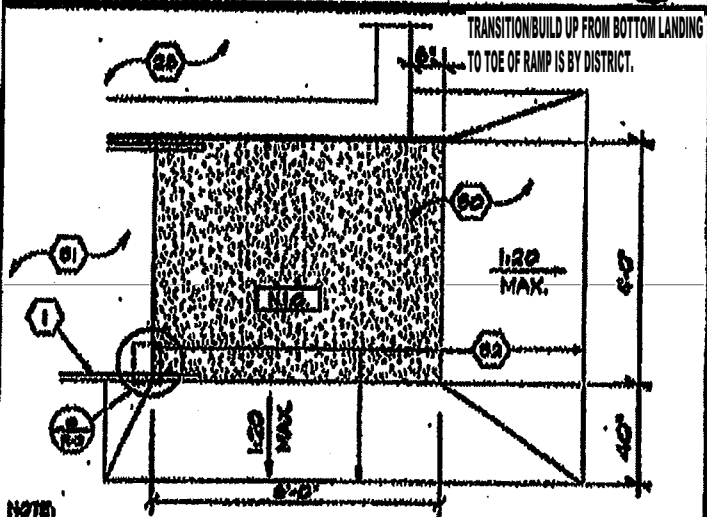
SCALE 3/4"=1'
ADJUSTABLE LEG (6)



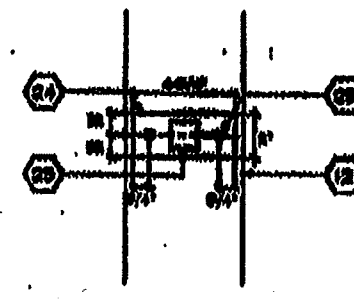
SCALE 3/4"=1'
END ELEVATION (2)



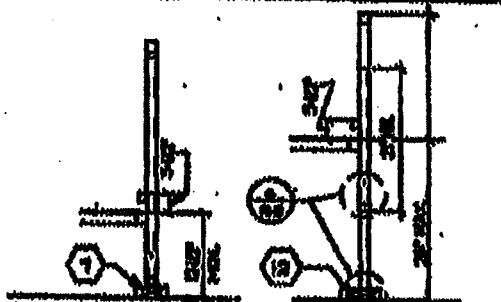
STAIR ELEVATION (OPTIONAL) (14)



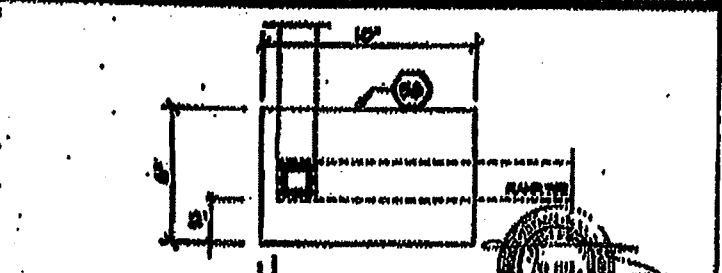
NOTE: 1:20 TRANSITIONS OFF OF LOWER LANDING REQUIRE NO HANDRAILS
TRANSITIONS OFF OF LOWER LANDING EXCEEDING 1:20, BUT NOT TO EXCEED A MAXIMUM OF 1:18 WILL REQUIRE REMOVAL OF 1' EXTENSION & ADDITIONAL HANDRAILING BY DISTRICT.
NOTE: DISTRICT PROVIDED LANDING (11)



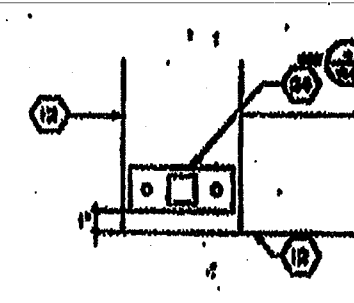
SCALE 3/4"=1'
BASE PLATE (7)



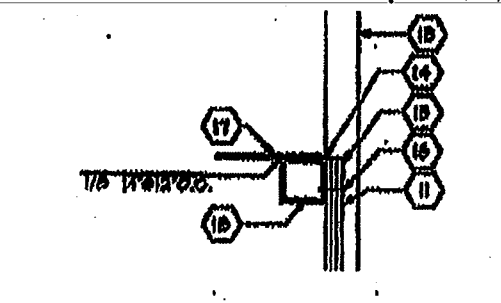
SCALE 3/4"=1'
ADJUSTABLE LEG (3)



SCALE 3/4"=1'
PLATE @ RAMP TOE (15)



SCALE 3/4"=1'
PLATE @ CORNER (8)



SCALE 3/4"=1'
SKIRT FLASHING (4)

- 1 HANDRAIL
- 2 1/2\"/>
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ARCHITECT ELECTRICAL STRUCTURAL MECHANICAL FIRE MARSHAL ACCESS COMPLIANCE STRUCTURAL SAFETY

ARCHITECT: [Signature] ELECTRICAL: [Signature] STRUCTURAL: [Signature] MECHANICAL: [Signature] FIRE MARSHAL: [Signature] ACCESS COMPLIANCE: [Signature] STRUCTURAL SAFETY: [Signature]

DATE: 06/15/2023

PROJECT: RAMP AND STAIR DETAILS R2.0

MODTECH INC. 1994

DATE: 06/15/2023

PROJECT: RAMP AND STAIR DETAILS R2.0



ELITE MODULAR WOOD & CONCRETE FOUNDATIONS PC

ELITE MODULAR LEASING & SALES, INC.
P.O. BOX 78447 CORONA CA 92877
PHONE: 951-422-2500 FAX: 951-943-3074

NOTE:
BELOW STATEMENT APPLICABLE AT W.U.I. AREAS ONLY

**FOUNDATION PC OPTION TO BE COMPLIANT WITH WILD/
URBAN INTERFACE ZONE (W.U.I.)**

- EXTERIOR UNDER FLOOR VENTS TO BE FULLY COVERED WITH CORROSION RESISTANT MESH. OPENINGS TO BE NO LESS THAN 1/16" BUT NO MORE THAN 1/8" IN SIZE PER CBC 706A
- EXTERIOR WALLS MUST BE COMPRISED OF NON-COMBUSTIBLE MATERIAL PER CBC 707A
- THE SKIRTING BETWEEN THE FLOORS AND THE GRADE MUST BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL PER CBC 707A

NOTE: SEE DETAILS 6, 7, 8 & 9 ON SHEET **WFD-01** FOR (W.U.I.) DETAIL REFERENCES

SHEET INDEX

SHT NO.	COVER PAGE
CP	COVER PAGE
WOOD FOUNDATION	
WFS-01	STRUCTURAL SPECIFICATIONS - WOOD FOUNDATIONS
WF-04	WOOD FOUNDATION PLAN - 24' X 40' (50+15 PSF)
WF-05	WOOD FOUNDATION PLAN - 36' X 40' (50+15 PSF)
WF-06	WOOD FOUNDATION PLAN - 48' X 40' (50+15 PSF)
WF-07	WOOD FOUNDATION PLAN - 24' X 40' (100+15F)
WF-08	WOOD FOUNDATION PLAN - 36' X 40' (100+15F)
WF-09	WOOD FOUNDATION PLAN - 48' X 40' (100+15F)
WF-10	WOOD FOUNDATION PLAN - 24' X 40' (150+15F)
WF-11	WOOD FOUNDATION PLAN - 36' X 40' (150+15F)
WF-12	WOOD FOUNDATION PLAN - 48' X 40' (150+15F)
WFD-01	WOOD FOUNDATION DETAILS
WFD-02	OPTIONAL WOOD FOUNDATION DETAILS

CONCRETE FOUNDATION	
CFS-01	STRUCTURAL SPECIFICATIONS - CONCRETE FOUNDATIONS
CFA-01	CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR
CFA-02	CONCRETE FOUNDATION PLAN - ABOVE GRADE - CONCRETE FLOOR
CFA-Do1	CONCRETE FOUNDATION DETAILS - ABOVE GRADE
CFB-01	CONCRETE FOUNDATION PLAN - BELOW GRADE - WOOD FLOOR
CFB-02	CONCRETE FOUNDATION PLAN - BELOW GRADE - CONCRETE FLOOR
CFB-Do1	CONCRETE FOUNDATION DETAILS - BELOW GRADE
CFB-Do2	FOUNDATION DETAILS - CONCRETE

ADJACENT BUILDINGS: ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER
APPROVED PC A-NUMBERS FOR THIS FOUNDATION PC:

BUILDING DATA 24x40 RIGID FRAME

PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
PC 80	09/14/1989	24x40	50/50+20/100#	MODTECH
PC 76	03/19/1992	24x40	50+20#	MODTECH
PC 112	03/13/1990	24x40	50/50+20#	AURORA
PC 242	05/11/1995	24x40	50+20#	MODTECH
PC 275	08/10/1998	24x40	50/50+20#	MODTECH
PC 282	09/03/1998	24x40	50/50+20#	MODTECH
04-104796	07/17/2003	24x40	50+20#	MODTECH
04-101419	10/23/1999	24x40	50/50+20#	MODTECH
PC 270	09/12/1999	24x40	50#*50+20#	MODTECH
PC 106884	12/03/2007	24x40	50+20#	MSI
04-100073	01/15/1998	24x40	50+20#	MSI
PC 253	05/10/1996	24x40	50/50+20/100#	AURORA
04-101244	09/02/1999	24x40	50/50+20/100/125#	MSI
PC 367	01/20/1998	24x40	50+20#	EBS
PC 330	09/04/1997	24x40	50/50+20#	PACE SETTER
PC 260	05/10/1996	24x40	50/50+20/100/125#	AURORA

BUILDING DATA 24x40 (EXPANDABLE) RIGID FRAME

PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
04-104793	05/22/2003	24-144X40	50/50+20/100/125#	MODTECH
04-107557	02/21/2006	24/36/48X40	50/50+20/100/125#	SILVER CREEK
04-109299	02/09/2010	24-120X40	50/50+20/100/125#	SILVER CREEK
04-112072	12/29/2011	24-120X40	50/50+20/100/125#	SILVER CREEK
04-109619	02/09/2010	24/36/48/144X40	50/50+20/100/125#	SILVER CREEK
04-112147	04/02/2012	24/36/48/144X40	50/50+20/100/125#	SILVER CREEK
04-114027	04/14/2015	24/36/48/144X40	50/50+20/100/125#	SILVER CREEK
04-113886	02/06/2015	24/36/48/144X40	50/50+20/100/125#	SILVER CREEK
04-114102	08/04/2015	24/36/48/144X40	50/50+20/100/125#	SILVER CREEK
04-116668	07/24/2018	24/36/48/120X40	50/50+20/100/125#	SILVER CREEK
04-116721	09/24/2018	24/36/48/120X40	50/50+20/100/125#	SILVER CREEK
PC 243	05/04/1995	24/36/48X40	50/50+20/100#	MODTECH
PC 79	11/25/1990	24/36/48X40	50/50+20/100#	MODTECH
PC 258	04/13/1995	24/36/48X40	50/50+20#	MODTECH
PC 266	05/24/1996	24/36/48X40	50/50+20/100#	MODTECH
PC 101268	12/16/1999	24/36/48X40	50/50+20/100#	MODTECH
PC 104801	05/22/2003	24/36/48X40	50/50+20/100#	MODTECH
PC 289	02/13/1997	24/36/48X40	50/50+20#	MODTECH
04-100335	06/30/1998	24/36/48X40	50/50+20/125#	AURORA
04-101055	06/29/1999	24/36/48X40	50/50+20/125#	AURORA
PC 323	06/24/1997	24/36/48X40	50/50+20/100#	MSI
PC 362	10/15/1997	24/36/48X40	50/50+20/125#	MSI
04-105135	07/09/2003	24/36/48X40	50/50+20/100/125#	WALDEN
04-104816	04/30/2009	24/36/48X40	50/50+20/150#	AURORA

APPLICABLE CODES

LIST OF 2019 CALIFORNIA CODE OF REGULATIONS

- 2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
- 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2018 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
(2018 UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2018 UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
- 2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
- 2019 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
- 2007 ASME A17.1 (w/A17.1a)(CSA B449-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-123039 INC:
REVIEWED FOR
SS FLS ACS
DATE: 06/15/2023

PROJECT SPECIFIC STATE AGENCY APPROVAL

ELITE MODULAR LEASING & SALES, INC.
P.O. BOX 78447
CORONA CA 92877
PHONE: 951-422-2500
FAX: 951-943-3074

PROJECT NAME:

SHEET TITLE:
COVER SHEET

ARCHITECT OF RECORD
SUBMISSION DATE

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-120373 PC
REVIEWED FOR
SS FLS ACS CG
DATE: 08/24/2021

2019 CBC
ORIGINAL PC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF ELITE MODULAR LEASING & SALES INC (ELITE MODULAR) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF ELITE MODULAR INC.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH ELITE MODULAR INC. SHALL BE THE PROPERTY OF ELITE MODULAR INC.

REVISIONS

1	2	3	4	5	6	7
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PROJECT NO:

DRAWN BY: F.C.

SCALE: AS NOTED

DATE: AUGUST 23, 2021

SHEET NUMBER
CP

CARPENTRY:

- SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL CARPENTRY
- WORKMANSHIP:
 - A-FRAMING: SECURELY NAILED, BRIDGED AND BLOCKED TO FORM RIGID STRUCTURE, WORK CUT, FITTED AND ASSEMBLED LEAVE, PLUMBING AND TRUE LINE. TRIM IN AS LONG LENGTHS AS POSSIBLE WITH ALL STANDING TRIM IN ONE PIECE. TRIM SEALED AT ALL EDGES.
 - B. NAILING: IN ACCORDANCE WITH THE TITLE 24 CCR-TABLE 2304.9-1. NAILS SHALL BE CORROSION RESISTANT BOX NAILS.
 - C. MACHINE APPLIED NAILING SHALL HAVE PRIOR DEMONSTRATION AND APPROVAL BY DSA FIELD INSPECTOR AND THE ARCHITECT. THE APPROVAL IS SUBJECT TO CONTINUOUS SATISFACTORY PERFORMANCE. PLYWOOD SHALL HAVE A MINIMUM THICKNESS OF 3/8". IF NAIL HEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.
 - D. TRIM: SEALED AT ALL EDGES. SEALANT PAINTED TO MATCH TRIM OR SIDING.

MATERIAL SPECIFICATIONS:

- STRUCTURAL FRAMING SHALL BE HEM FIR-LARCH GRADED IN ACCORDANCE WITH THE STANDARD GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR STANDARD GRADING RULES NO. 16 OF THE WEST COAST LUMBER INSPECTION BUREAU, LATEST EDITIONS. GRADES SHALL BE AS OF FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS. (HEM FIR SOUTH IS NOT ALLOWED) EACH PIECE SHALL BE GRADE MARKED AND NO PIECE MAY FALL BELOW GRADES INDICATED. ALL FRAMING EXCEPT AS NOTED HEM FIR #2.
- PLYWOOD SHALL BE AS SHOWN ON THESE DRAWINGS WITH EXTERIOR GLUE IN ACCORDANCE WITH U.S. PRODUCT STANDARD PS 1-07. ALL PANELS SHALL BE MARKED WITH AN APA GRADE MARK WITH AN IDENTIFICATION INDEX AS SHOWN ON DRAWINGS. USE 4'X8' PANELS- MINIMUM, EXCEPT AT BOUNDARIES AND AT FRAMING CHANGES WHERE MINIMUM PANEL DIMENSION SHALL BE 24" AT ROOFS AND FLOORS AND 12" AT WALLS.
- BOLTS FOR TIMBER CONNECTIONS SHALL CONFORM TO SNAI/ASME STANDARD B18.2.1-2012 & 2012 EDITION OF NDS (THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION) BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENT OF 2012 NDS. BOLT HOLES SHALL BE 1/32 TO 1/16 INCH LARGER THAN BOLT DIAMETER. BOLTS SHALL BE FULL BODY WITH MINIMUM YIELD STRENGTH OF 45,000 PSI. RE-TIGHTEN BOLTS BEFORE CLOSING IN WORK. LAG SCREWS SHALL BE STEEL AND CONFORM TO ANS/ASME STANDARDS B18.2.1 AND 2012 NDS. HOLES FOR LAG SCREWS SHANKS SHALL BE BORED THE SAME DEPTH AND DIAMETER AS THE SHANK. THE REMAINING DEPTH OF PENETRATION OF THE SCREW SHALL BE BORED TO 70% OF THE SHANK DIAMETER. OR QUARTER INCH (1/4") DIAMETER LAG SCREWS NEED NOT HAVE PRE-DRILLED HOLES IF IT CAN BE SHOWN THAT WOOD MEMBERS ARE NOT DAMAGED DURING INSTALLATION. PROVIDE FULL DIAMETER BODY LAG SCREWS WITH BENDING YIELD STRENGTHS PER TABLE 1J IN NDS.
- PROVIDE MALLEABLE IRON WASHERS OR EQUIVALENT CUT PLATE WASHERS (NOT LESS THAN A STANDARD CUT WASHER) UNDER NUTS AND BOLT OR LAG SCREWS HEADS WHICH BEAR ON WOOD.
- WOOD SCREWS SHALL CONFORM TO ANS/ASME STANDARD B18.6.1 AND THE REQUIREMENTS OF THE 2012 NDS. GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER OR USED IN FOUNDATIONS. SCREWS SHALL BE STEEL WITH CUT THREADS AND BENDING YIELD STRENGTHS PER TABLE 1L IN NDS.
- WOOD MEMBERS SHALL BE CUT OR NOTCHED ONLY AS SHOWN ON STRUCTURAL DRAWINGS.
- WHEN REQUIRED NAILING TENDS TO SPLIT WOOD MEMBERS, NAIL HOLES SHALL BE PRE-BORED TO 3/4 OF THE NAIL DIAMETER.
- STRUCTURAL NAILING SHALL BE WITH BOX NAILS PER ALL REQUIREMENTS OF 2012 NDS. NAILING NOT SPECIFICALLY INDICATED SHALL COMPLY WITH CCR TITLE 24, PART 2, TABLE 2304.9-1. ALL NAILS SHALL BE GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER, IN FOUNDATIONS AND AS NOTED ON PLANS. PER THE REQUIREMENTS OF CCR TITLE 24, PART 2, WITH MINIMUM BENDING YIELDS PER TABLE 1H IN NDS. (SEE NAIL EQUIVALENCE BELOW)
- NAIL EQUIVALENCE:
 - (PROVIDE MINIMUM NAIL LENGTHS AS REQUIRED FOR SPECIFIED PENETRATION, TYPICAL: U.N.O.)
 - 6D EQUALS .113" DIA - PROVIDE 1.36" MINIMUM POINT PENETRATION
 - 8D EQUALS .131" DIA - PROVIDE 1.57" MINIMUM POINT PENETRATION
- PRESSURE PRESERVATIVE TREATMENT SHALL BE PER SECTION 2303.1.8. CCR TITLE 24, PART 2. PROVIDE QUALITY MARK ON ALL TREATED FOUNDATION MEMBERS THAT COMPLY WITH CBC 2303.1.8.1. ALL FOUNDATION MEMBERS SHALL BE MARKED AS "FOR GROUND CONTACT" OR "FOR ABOVE GROUND USE" AS APPROPRIATE. PRESSURE TREATED MATERIAL SHALL COMPLY WITH AWPA STANDARD U1 AS REQUIRED BY CBC 2303.1.8 TREAT ALL CUT ENDS OF PRESSURE TREATED MEMBERS WITH AN APPROVED PRESERVATIVE. (WILLARD WB COOPER GREEN 2% OR AN APPROVED EQUIVALENT) WHERE NOTED MEMBERS BELOW THE SUB FLOOR THAT ARE NOT A PART OF THE FOUNDATION SHALL BE PRESURE TREATED.
- ONLY MATERIALS IN CONTACT WITH THE GROUND NEEDS TO BE PRESURE TREATED, ALL OTHER FOUNDATION LUMBER CAN BE DF OR HF#2 OR EQUAL.
- IF MACHINE NAILING IS UTILIZED FOR THIS PROJECT, CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF CCR TITLE 24, PART 2. MACHINE NAILING IS SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER OR ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT.
- FASTENERS FOR PRESSURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOOD SHALL COMPLY WITH SECTION 2304.9 OF CBC.
- NAILS AND SPIKES USED IN WET OR EXTERIOR LOCATIONS SHALL COMPLY WITH SECTION 2304.9-1.1 OF CBC
- SHIM MATERIAL ABOVE SILL PLATES SHALL BE PLYWOOD CD EXP 1 OR EQUAL (NOT PRESSURE TREATED)
- USE LUMBER IN GOOD CONDITION IS ACCEPTABLE FOR USE IN FOUNDATION SYSTEM
- TIE PLATES SHALL CONFORM TO A-1011 GRADE 33.

SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

- IN THE CASE OF EQUIPMENT LOCATED IN THE STATE OF CALIFORNIA, THE LESSEE (SCHOOL DISTRICT) IS RESPONSIBLE FOR THE SITE BEING CLEARED (FREE OF GRASS, TREES, SHRUBS, ETC) AND GRADED TO WITHIN 4 1/2" OF LEVEL GRADE FOR EACH BUILDING. IF THE SITE EXCEEDS THE 4 1/2" LEVEL GRADE REQUIREMENT ADDITIONAL COSTS MAY BE CHARGED TO LESSEE.
 - UNDER NO CIRCUMSTANCES SHOULD THE SITE BE GREATER THAN 9" FROM LEVEL GRADE OR HAVE LESS THAN 1000 PSF MINIMUM SOIL BEARING PRESSURE.
 - PRIOR TO DELIVERY, THE LESSEE SHALL MARK THE FOUND CORNERS OF THE BUILDING ON THE SITE, INCLUDING DOOR LOCATION. SHOULD SPECIAL HANDLING BE REQUIRED TO EITHER PLACE, INSTALL OR RELOCATE THE CLASSROOM ON THE LESSEE'S SITE DUE TO SITE OBSTRUCTION SUCH AS FENCING, LANDSCAPING, OTHER CLASSROOMS, ETC. ADDITIONAL COST WILL BE CHARGED TO LESSEE
 - PROVIDE ELECTRICAL GROUND TEST PER DSA IR E-1
 - FIELD WELDING FOR WELDING TIE PLATE OPTION. (IF USED, REQUIRES TEST AND INSPECTION)
- THE EXAMPLE FORM DSA 103'S SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY. A FORM DSA 103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA 103'S ARE TO BE CROSSED OUT ON THIS DRAWING.
- NO OTHER TEST AND INSPECTIONS ARE REQUIRED.
 - P.T. SHIMS MAY BE PROVIDED TO ACHIEVE A POSITIVE CONNECTION BETWEEN BOTTOM SILL PLATE AND FINISH GRADE IF REQUIRED. SHIM SIZES MAY VARY DEPENDING ON GAP.

**SPECIFICATIONS
RELOCATABLE CLASSROOMS**

GENERAL REQUIREMENTS:

- THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE AGREEMENT AND THESE GENERAL REQUIREMENTS APPLY TO THE SEVERAL TRADE SECTIONS WITH THE SAME FORCE AS THOUGH FULLY REPEATED IN EACH SECTION.
- NAME BRANDS ARE INDICATED TO ESTABLISH A STANDARD OF QUALITY ITEMS OF EQUAL OR BETTER QUALITY MAY BE SUBSTITUTED FOR THE LISTED BRAND NAME PRODUCTS

SCOPE OF WORK:

- THE WORK CONSISTS OF INSTALLING ON-SITE MODULAR RELOCATABLE BUILDINGS AS DEFINED HEREIN, SHOWN AND DETAILED ON THE DRAWINGS
- ALL REQUIREMENTS OF CCR (CALIFORNIA CODE REGULATION) TITLE 19 AND 24 RELATING TO INSPECTIONS AND VERIFIED REPORTS SHALL BE COMPLIED WITH AND SHALL INCLUDE:
 - A. GENERAL RESPONSIBLE CHARGE OF FIELD ADMINISTRATION BY THE ARCHITECT OF RECORD.
 - B. INSPECTION DURING THE COURSE OF CONSTRUCTION BY AN INSPECTOR APPROVED BY DSA (DIVISION OF THE STATE ARCHITECT) AND THE DISTRICT ARCHITECT. THE INSPECTOR SHALL BE RESPONSIBLE FOR AND APPROVED TO INSPECT THE GENERAL CONSTRUCTION, WELDING, MECHANICAL AND ELECTRICAL WORK, COST OF THESE INSPECTIONS SHALL BE BORNE BY THE SCHOOL DISTRICT.
 - C. ON SITE INSPECTION OF THE BUILDING INSTALLATION, ELECTRICAL AND UTILITY OF THE BUILDING INSTALLATION OR CONNECTION BY AN INSPECTOR APPROVED BY THE DSA AND RETAINED BY THE SCHOOL DISTRICT.
 - D. OTHER SPECIAL TEST OR INSPECTIONS AS MAY BE REQUIRED BY DSA COST OF THESE INSPECTION TEST SHALL BE BORNE BY THE SCHOOL DISTRICT

WORK NOT INCLUDED:

- ALL ON SITE OR OFF SITE UTILITIES AND THE CONNECTION OF THEM TO THE BUILDING UNLESS INDICATED ON THE DRAWINGS
- ALL LEVELING, GRADING OR OTHER SITE PREPARATION (EXCEPT FOUNDATION LEVELING WHERE REQUIRED) UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- FIRE ALARM SYSTEM, PROGRAM BELL, LOCK, PUBLIC ADDRESS SYSTEM, INTERCOM SYSTEM, TV SYSTEM, COMPUTER DATA OR ANY OTHER LOW VOLTAGE SYSTEM, UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR THE LEASE AGREEMENT.

ACCESSIBILITY OF SITE:

THE SCHOOL DISTRICT SHALL PROVIDE ACCESS TO THE SITE FOR THE INSTALLATION OF THE BUILDING. REMOVAL OF TREES, SHRUBS, FENCING, SPRINKLERS, ETC. NECESSARY FOR MOVE-IN AND REMOVAL OF THE BUILDINGS SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT.

SITE ASSEMBLY:

- SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO PREPARE THE BUILDING ELEMENTS, TRANSPORT THEM FROM PLANT TO THE SITE AND COMPLETE THE ASSEMBLY AT THE SITE. THE CONDITION OF THE SITE, SUCH AS DRAINAGE AND SOIL BEARING CAPACITY, SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT AND THE ARCHITECT ARCHITECT.
- ASSEMBLY OF ELEMENTS:
 - A. IN A LOCATION ON THE SITE AS DETERMINED BY THE DISTRICT ARCHITECT. THE CONTRACTOR SHALL PLACE THE FOUNDATION AS DETAILED ON THE DRAWINGS.
 - B. THE ELEMENTS SHALL BE BROUGHT TO THE SITE ON A WHEEL ASSEMBLY AND TRANSFERRED TO THE PREPARED SITE. GREAT CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ELEMENTS BY RACKING OR BUMPING.
 - C. CONNECTION OF THE ELEMENTS TOGETHER SHALL BE DONE ACCORDING TO INSTRUCTIONS ON THE DRAWINGS. FLASHING, TRIM AND OTHER LOOSE ITEMS SHALL BE INSTALLED PER PLANS AND DETAILS OF THE ORIGINAL BUILDING MANUFACTURER'S DRAWINGS.

VERIFY BUILDING'S MODULE SIZE PRIOR TO POURING CONCRETE - ADD 1/8" AT OUTSIDE MODULES AND 1/4" AT INNER MODULES FOR GROWTH PURPOSES.

DESIGN DATA:

FLOOR LIVE LOAD = 50 PSF, 50+20 PSF PARTITIONS, 100 PSF
 ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA
 WIND SPEED = 120 MPH (V) (3 SECOND GUST), Kzt = 1.0, I = 1.0
 SNOW LOAD = PROJECT IS NOT LOCATED IN A SNOW REGION
 BUILDING CODES = 2019 CBC

SEISMIC DESIGN DATA:

BASIC SEISMIC FORCE RESISTING SYSTEM = STEEL MOMENT FRAME
 ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
 SEISMIC DESIGN CATEGORY = E (PER CBC SECTION 1613A.6.6)
 DESIGN BASE SHEAR: 24x40 BUILDING = 22490 # (ROOF, FLOOR, WALLS & PARTITIONS)
 36x40 BUILDING = 32810 # (ROOF, FLOOR, WALLS & PARTITIONS)
 48x40 BUILDING = 43130 # (ROOF, FLOOR, WALLS & PARTITIONS)

MOMENT FRAME PC'S:

1: = 1.0 Cs2 = 0.597 R = 3.5 SITE CLASS = D (ASSUMED)
 Ss = 3.73 MAPPED VALUE MAX / 0.75 Ss = 2.611 (FOR DESIGN VALUE MAX)
 SDS = 2.089 (SITE SPECIFIC DOCUMENTATION JUSTIFYING SDS SHALL BE SUBMITTED TO DSA PRIOR TO APPROVAL)
 S1 = 1.389 PER CBC FIGURE 1613A.6(2) SD1 = 1.574
 RISK CATEGORY = II

FLOOD DESIGN DATE:

PROJECT IS NOT LOCATED IN A FLOOD ZONE

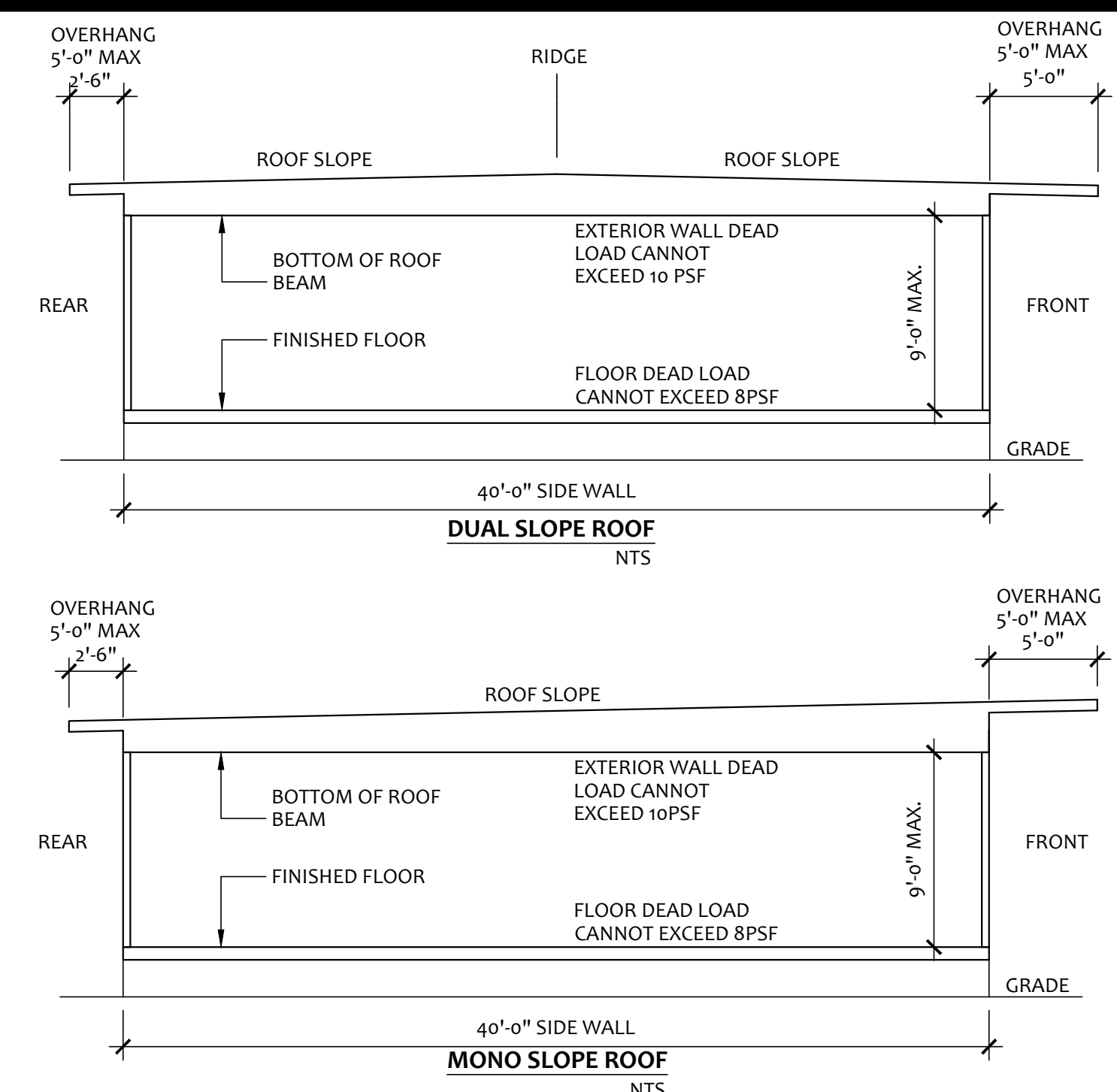
SOIL BEARING:
 ALLOWABLE SOIL BEARING = 1,000PSF FOR WOOD SILL FOUNDATIONS

LIMITATIONS FOUNDATION PC ONLY:

FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWING.

THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:

- DAS APPROVED STOCKPILE BUILDINGS
- ROOF OVERHANGS OF 5'-0" MAXIMUM
- SINGLE SLOPE OR DUAL SLOPE BUILDINGS
 WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDINGS.
 WALL HEIGHT: 10'-4" MAXIMUM ON SINGLE SLOPE BUILDINGS.
 (HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
- WALL DEAD LOAD OF 10PSF (NOT STUCCO)
- FLOOR DEAD LOAD OF 8PSF



TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC ONLY LIMITATIONS DOCUMENTATION SHALL BE PROVIDED BY ENGINEER OR GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER

NOTE:

THE EXAMPLE FORM DSA-103 SHOWN IS FOR ILLUSTRATION PURPOSES ONLY TO ASSIST IN THE COMPLETION OF FUTURE PROJECT-SPECIFIC FORM DSA-103.

A FORM DSA-103 IS TO BE COMPLETED FOR EACH PROJECT APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND THE EXAMPLE FORM DSA-103 IS TO BE CROSSED OUT ON THIS DRAWING

INCREMENT #	DSA File No.:	PC-125
	Application No.:	04-120373
Date Submitted:	Revised:	

School Name	ELITE MODULAR UNIVERSAL FOUNDATION PC (SAMPLE T&I) WOOD	District	ELITE MODULAR LEASING & SALES INC.
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IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections noted on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A.

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPILE" button to show only the tests and inspections finally selected. For more information on use of this form, see DSA-103.INSTR.

REQUIRED	TEST OR SPECIAL INSPECTION	TYPE	PERFORMED BY	CODE REFERENCE AND NOTES
-	SOILS			
-	1. GENERAL:	Table 1705A.6		
X	a. Verify that: <ul style="list-style-type: none"> • site has been prepared properly prior to placement of controlled fill and/or excavations for foundations, • foundation excavations are extended to proper depth and have reached proper material, and • materials below footings are adequate to achieve the design bearing capacity 	Periodic	GE*	* By geotechnical engineer or his or her qualified representative. (See Appendix for exemptions.)
+	CONCRETE	Table 1705A.3, ACI 318-14 Sections 26.3.2 & 26.13		
+	MASONRY	TMS 402-13/ACI 530-13/ASCE 5-13 Table 3.1.3 & TMS 602-13/ACI 530.1-13/ASCE 6-13 Table 5		
+	STEEL, ALUMINUM	Table 1705A.2.1, AISC 360-10, AISC 360-10, AISC 341-10, AISC 358-10, AISI S100-07/S2-10		
+	WOOD			
+	OTHER			

List of required verified report(s):
 1 Soils testing and inspection: Geotechnical Verified Report - Form DSA-293

KEY to Columns	1 Type -	2 Performed By -
Continuous	- Indicates that a continuous special inspection is required	GE - Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic	- Indicates that a periodic special inspection is required	LOR - Indicates that the test or inspection is to be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See section 4-335, 2013 CCR Title 24, Part 1.
Test	- Indicates that a test is required	SI - Indicates that the special inspection is to be performed by a special inspector

Jack Shively
 Title of Architect or Engineer in general responsible charge
 Name of Structural Engineer (When structural design has been delegated)
 Signature of Architect or Structural Engineer date

IDENTIFICATION STAMP
 DIV OF THE STATE ARCHITECT
 APP. # 04-120373
 AC N/A F/L N/A SS _____
 DATE _____

IDENTIFICATION STAMP
 DIV OF THE STATE ARCHITECT
 APP: 03-123039 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 06/15/2023

PROJECT SPECIFIC STATE AGENCY APPROVAL

EM ELITE MODULAR LEASING & SALES, INC.
 P.O. BOX 78447
 CORONA CA 92877
 PHONE: 951-422-2500
 FAX: 951-943-3074

PROJECT NAME:

SHEET TITLE:
STRUCTURAL SPECIFICATIONS WOOD FOUNDATIONS

ARCHITECT OF RECORD
 SUBMISSION DATE

Professional Engineer Seal: Jack Shively, No. 3002, State of California

APPROVED
 DIV. OF THE STATE ARCHITECT
 APP: 04-120373 PC
 REVIEWED FOR
 SS FLS ACS CG
 DATE: 08/24/2021

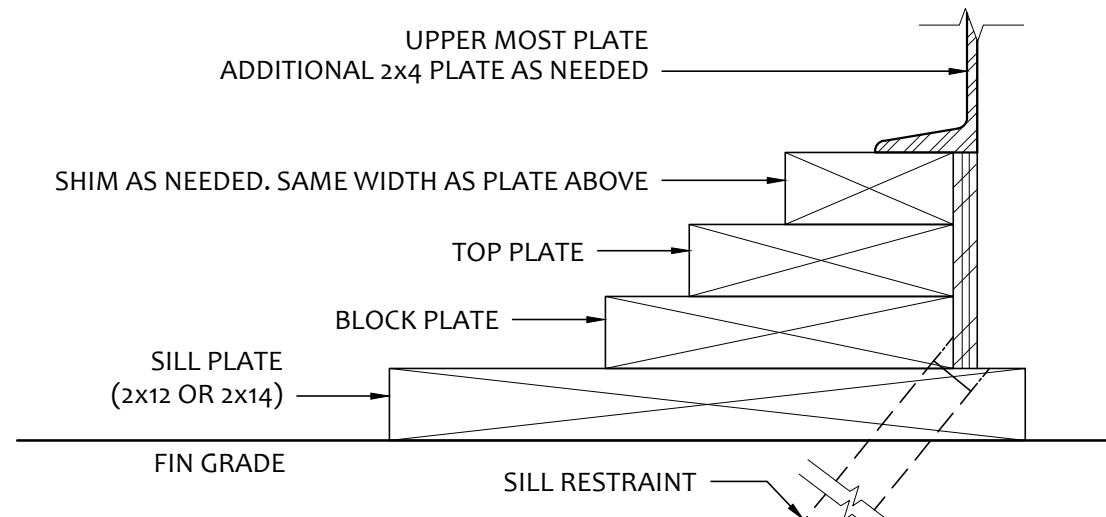
2019 CBC
 ORIGINAL PC STATE AGENCY APPROVAL

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REVISIONS

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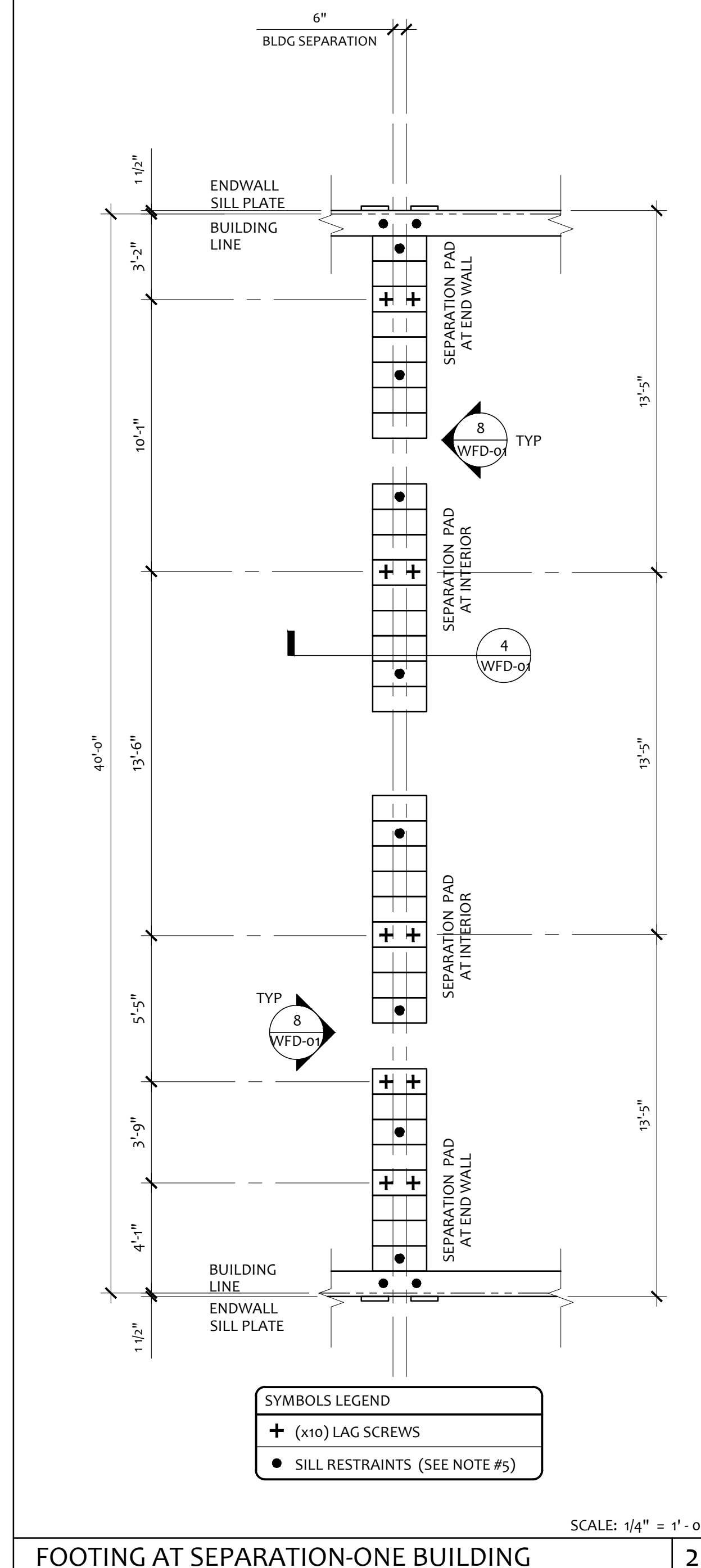
PROJECT NO:
 DRAWN BY: F.C.
 SCALE: AS NOTED
 DATE: AUGUST 23, 2021
 SHEET NUMBER
WFS-01



FOUNDATION PLATE DESCRIPTION

- BUILDINGS OVER 2160 SF, MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER IR 16-1 ITEM 1.4.
- FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
- FOUNDATION VENTS THAT OCCUR UNDER RAMP LANDINGS, PROVIDE AN EQUAL AREA OF SCREENED VENT IN LANDING SKIRT.
- WOOD SILL (FOOTING) PLATES SHALL BE PRESSURE TREATED HEM-FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING BY OTHERS. THE WOOD SILL FOOTING PLATE MAY SUPPORT CONTINUOUS BLOCKING AND SHEATHING SKIRT WHICH NEED NOT BE TREATED.
- SILL RESTRAINT:** THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. AN ACCEPTABLE DESIGN WOULD INCORPORATE ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPES OR ONE-INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O.C. ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATIONS STRIP. PIPES SHOULD PENETRATE INTO SOIL, CONCRETE, AND/OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. ALTERNATE OR EQUIVALENT DESIGNS, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE SUBMITTED TO DSA FOR REVIEW AND APPROVAL.
- STACKED WOOD MEMBERS FOR FOUNDATIONS AND PRESSURE TREATED LUMBER SHALL BE NAILED WITH HOT DIPPED GALVANIZED PER ASTM A-153
- VENTILATION OPENINGS SHALL BE COVERED FOR EITHER HEIGHT AND WIDTH WITH CORROSION - RESISTANT WIRE MESH, WITH A CLEAR "THROUGH" DIMENSION NOT EXCEEDING 1/8" ACTING AS A VERMIN BARRIER.
- VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
- FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 15/WFD-01
- IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE BLOCK PLATE
- FOR FOUNDATION SPLICE - SEE 5/WFD-01
- CRAWLSPACE VAPOR RETARDERS (OPTIONAL):** THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1500 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1203.3.2(2).
- MATERIALS:** GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHYLENE FILM (≥ 6 MIL); POOL LINER (PUNCTURE RESISTANT); AND POLYETHYLENE FILM WITH RAT SLAB. **INSTALLATION RECOMMENDATIONS:** OVERLAP JOINTS BY 6 INCHES; TAPE OR SEAL ALL JOINTS; ATTACH VAPOR RETARDER OVER SILL PLATE PER 10/WFD-01; SEAL TO ALL PIERS AND OTHER PENETRATIONS.
- ENDWALL VENTS (IF REQ'D) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS. MAXIMUM ONE ENDWALL VENT PER 12'-0" MODULE
- CONCRETE FLOOR LOAD IS INCLUDED IN THE CONCRETE FOUNDATION OPTION FOR FOUNDATION & ANCHORAGE DESIGN, I.E. THERE IS NO CONCRETE FLOOR FOR WOOD FOUNDATION OPTION. THERE IS CONCRETE FLOOR FOR CONCRETE FOUNDATION OPTION
- IF PARAPET IS HIGHER THAN 18". COMBINATION REQUIRES A 2 X 14" OR 2 X 16" SILL PLATE @ EXTERIOR OF BUILDING
- 150 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OPTION
- VENTS AT MODLINE FOUNDATIONS. THE MINIMUM CRITERIA REQUIREMENT AS FOLLOWS:
A. VENTS HAVE A MINIMUM OF 2 SILL BLOCKING PLATES BENEATH.
B. VENTS ARE A MAXIMUM OF 6" LONG x 3" MIN. HIGH.
C. VENTS ARE SPACED A MINIMUM OF 8" APART (EDGE TO EDGE) AND 24" MIN. FROM CORNERS.

NOTES

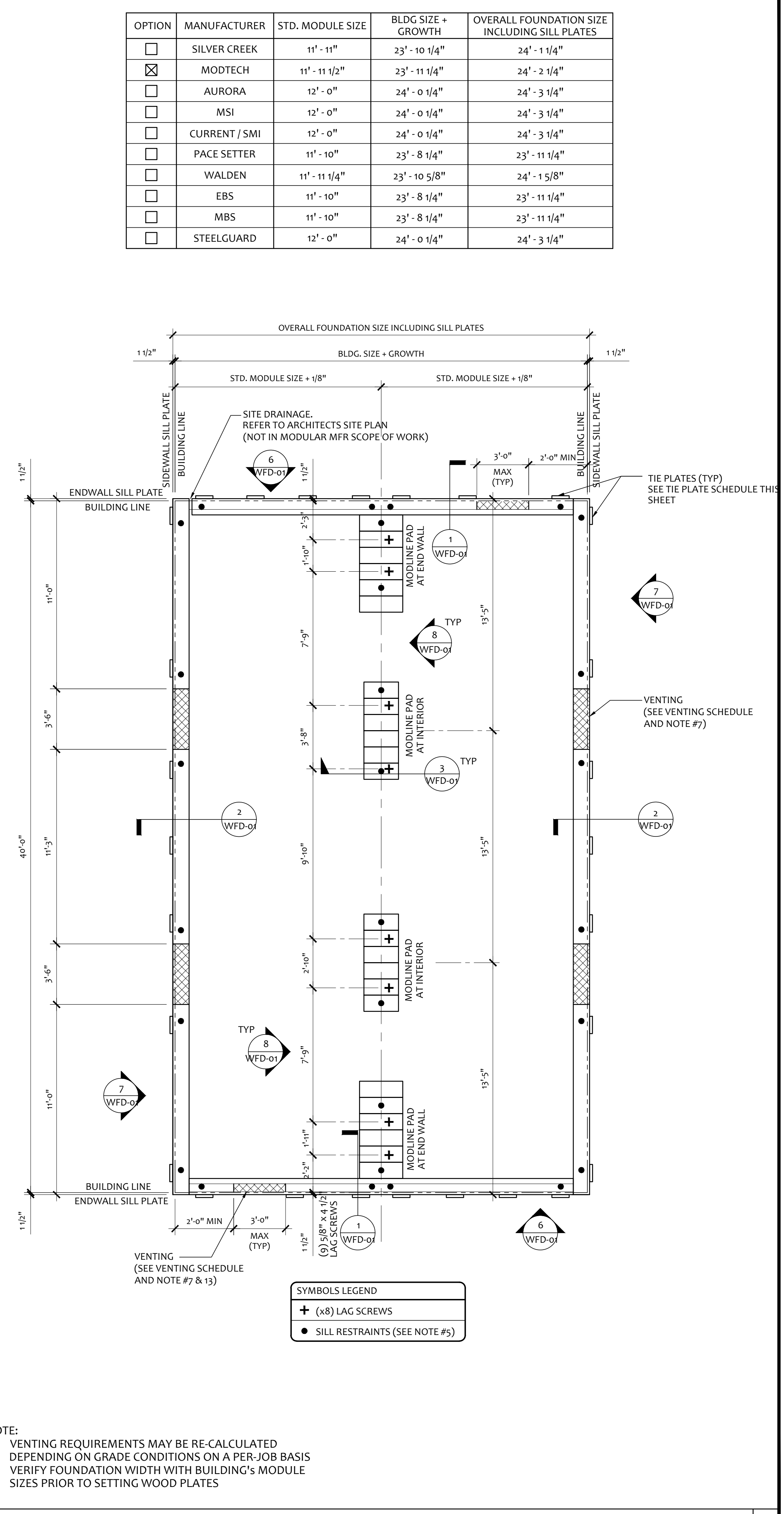


FOOTING AT SEPARATION-ONE BUILDING 2

WOOD FOUNDATION PLATE SCHEDULE - 50 + 15 PSF						
PLATES	END WALL	SIDE WALL	MODLINE PAD AT END WALL	MODLINE PAD AT INTERIOR	SEPARATION PAD AT ENDWALL	
					ONE BLDG	SEPARATION PAD AT INTERIOR
ADDITIONAL TOP PLATE (AS NEEDED)	2x4	2x4	2x6	2x6	2x12	2x12
TOP	2x6	2x6	2x8	2x8	2x12	2x12
BLOCK	2x8	2x8	2x10	2x10	2x12	2x12
SILL	2x12 (2x14) ⁵	2x12 (2x14) ⁵	(6) 2x12 x 2'-0"	(6) 2x12 x 2'-6"	(7) 2x12 x 2'-0"	(10) 2x12 x 2'-0"

KEY PLAN VENTING SCHEDULE			NAILING SCHEDULE		
VENT "A" (SIDEWALL): 3'-6" x 4'-5" = 1,3125 S.F. VENTILATION	BUILDING SIZE	24' x 40'	SEE NAILING SCHEDULE ON 16/FD-01 FOR NAILING SPACING & PLATE ATTACHMENT		
VENT "B" (ENDWALL): 3'-0" x 3" = 0.75 S.F. VENTILATION	BUILDING SIZE	24' x 40'	BUILDING AREA	REQ. VENTING	SIDE VENTING
(OPTIONAL AT MULTIPLE BLDG SETS)			960 SF	6.4 SF (1/150)	3'-6" x 4'-5" = (4) 1,3125 SF/EA (5.25 SF TOTAL)
VENT "C" (ENDWALL): 3'-0" x 4 1/2" = 1,125 S.F. VENTILATION	BUILDING SIZE	24' x 40'			3'-0" x 3" = (2), 75 SF/EA (1.5 SF TOTAL)
(OPTIONAL AT MULTIPLE BLDG SETS)					

TIE PLATE SCHEDULE			
BUILDING SIZE	SIDE WALL TIE PLATES	END WALL TIE PLATES	TOTAL NUMBER OF TIE PLATES
24' x 40'	7	7	28



FOUNDATION PLAN 1

OPTION	MANUFACTURER	STD. MODULE SIZE	BLDG SIZE + GROWTH	OVERALL FOUNDATION SIZE INCLUDING SILL PLATES
<input type="checkbox"/>	SILVER CREEK	11' - 11"	23' - 10 1/4"	24' - 1 1/4"
<input checked="" type="checkbox"/>	MODTECH	11' - 11 1/2"	23' - 11 1/4"	24' - 2 1/4"
<input type="checkbox"/>	AURORA	12' - 0"	24' - 0 1/4"	24' - 3 1/4"
<input type="checkbox"/>	MSI	12' - 0"	24' - 0 1/4"	24' - 3 1/4"
<input type="checkbox"/>	CURRENT / SMI	12' - 0"	24' - 0 1/4"	24' - 3 1/4"
<input type="checkbox"/>	PACE SETTER	11' - 10"	23' - 8 1/4"	23' - 11 1/4"
<input type="checkbox"/>	WALDEN	11' - 11 1/4"	23' - 10 5/8"	24' - 1 5/8"
<input type="checkbox"/>	EBS	11' - 10"	23' - 8 1/4"	23' - 11 1/4"
<input type="checkbox"/>	MBS	11' - 10"	23' - 8 1/4"	23' - 11 1/4"
<input type="checkbox"/>	STEELGUARD	12' - 0"	24' - 0 1/4"	24' - 3 1/4"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-123039 INC:
REVIEWED FOR
SS FLS ACS
DATE: 06/15/2023

PROJECT SPECIFIC STATE AGENCY APPROVAL

EM ELITE MODULAR
LEASING & SALES, INC.
P.O. BOX 78447
CORONA CA 92877
PHONE: 951-422-2500
FAX: 951-943-3074

PROJECT NAME:

SHEET TITLE:
WOOD FOUNDATION PLAN
24x40 (50 + 50+15 PSF)

ARCHITECT OF RECORD
SUBMISSION DATE

Rockwell
STATE OF CALIFORNIA
No. 3602

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-120373 PC
REVIEWED FOR
SS FLS ACS CG
DATE: 08/24/2021

2019 CBC
ORIGINAL PC STATE AGENCY APPROVAL

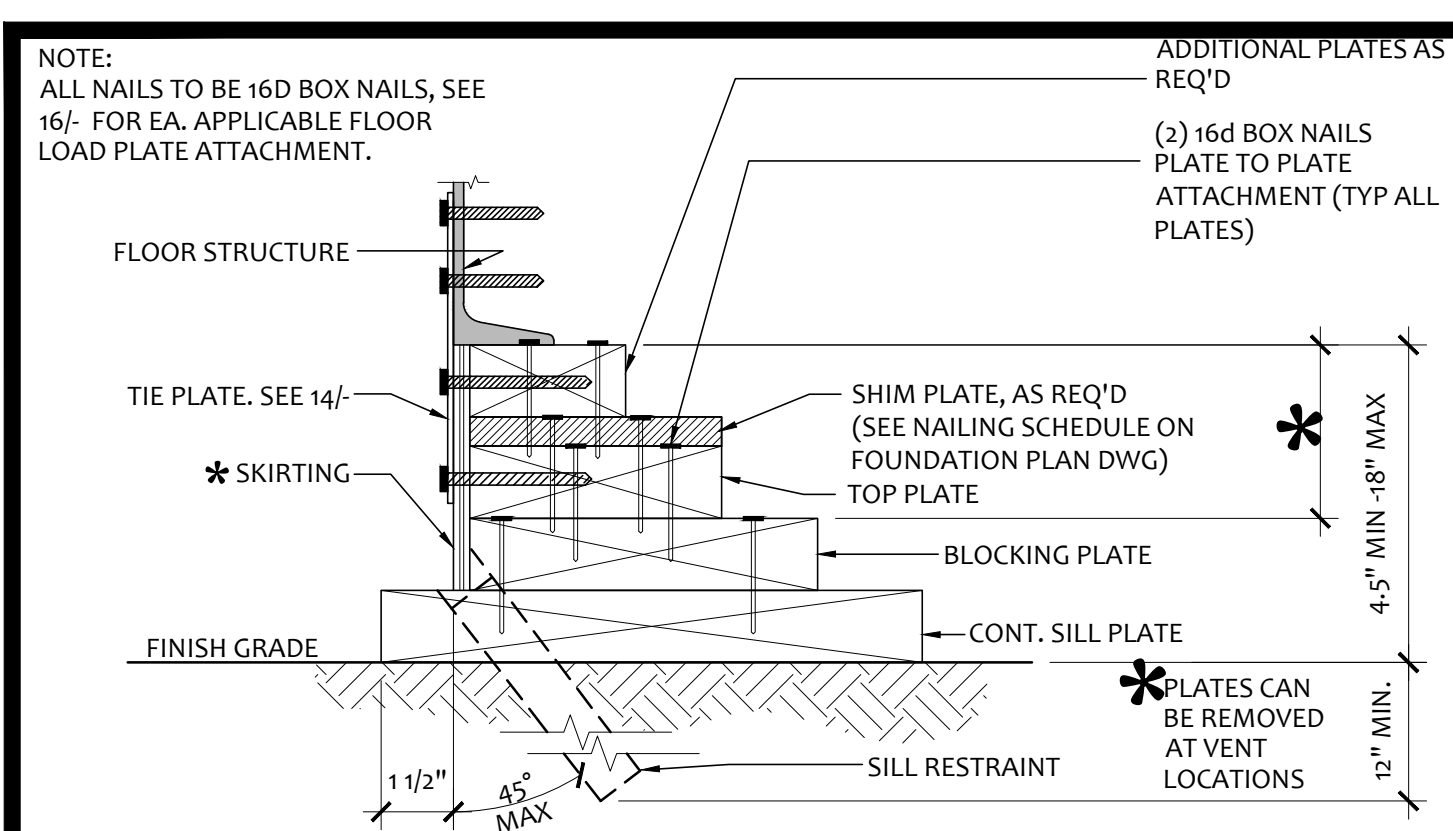
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REVISIONS

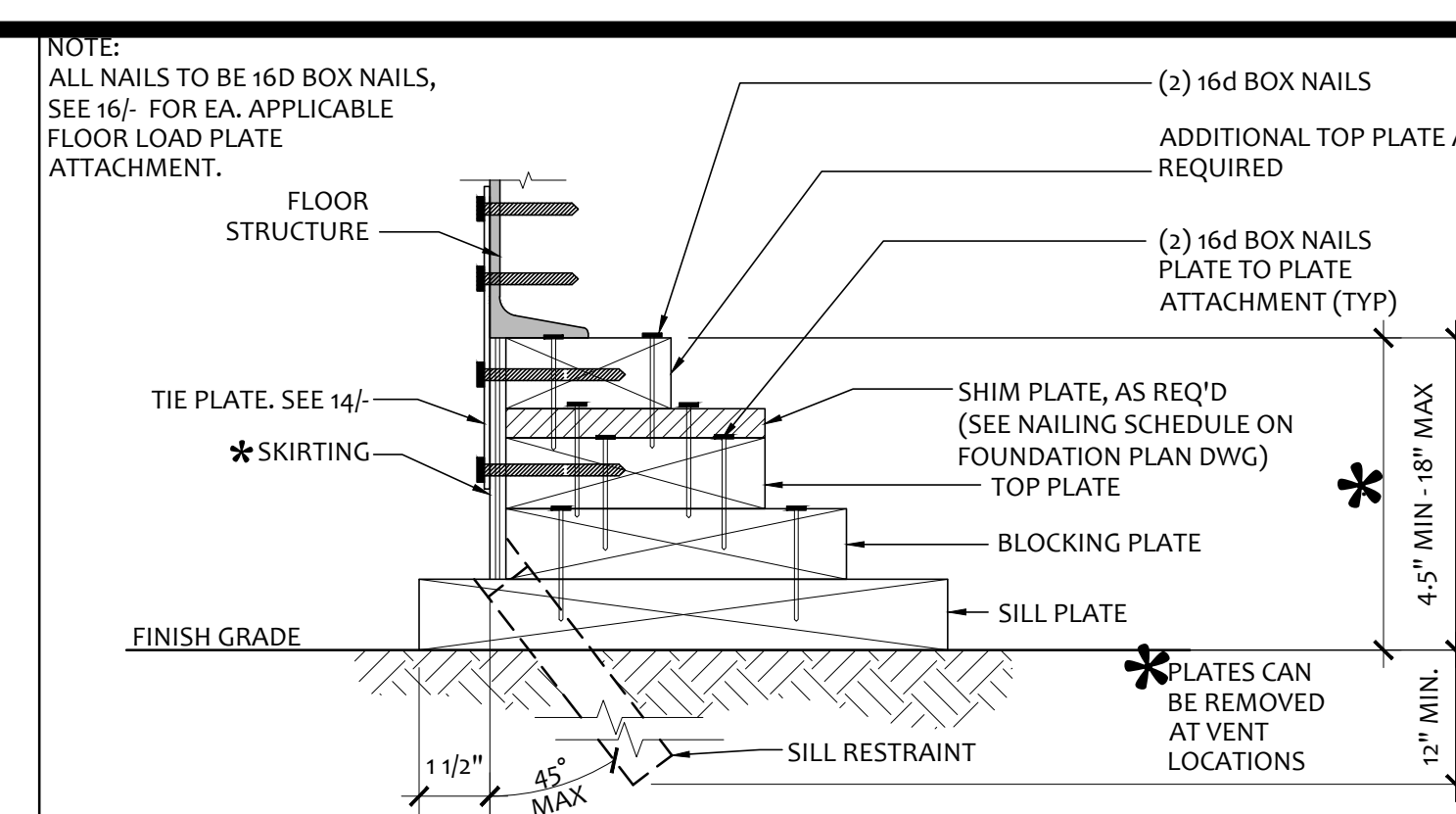
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PROJECT NO:
DRAWN BY: F.C.
SCALE: AS NOTED
DATE: AUGUST 23, 2021
SHEET NUMBER
WF-04

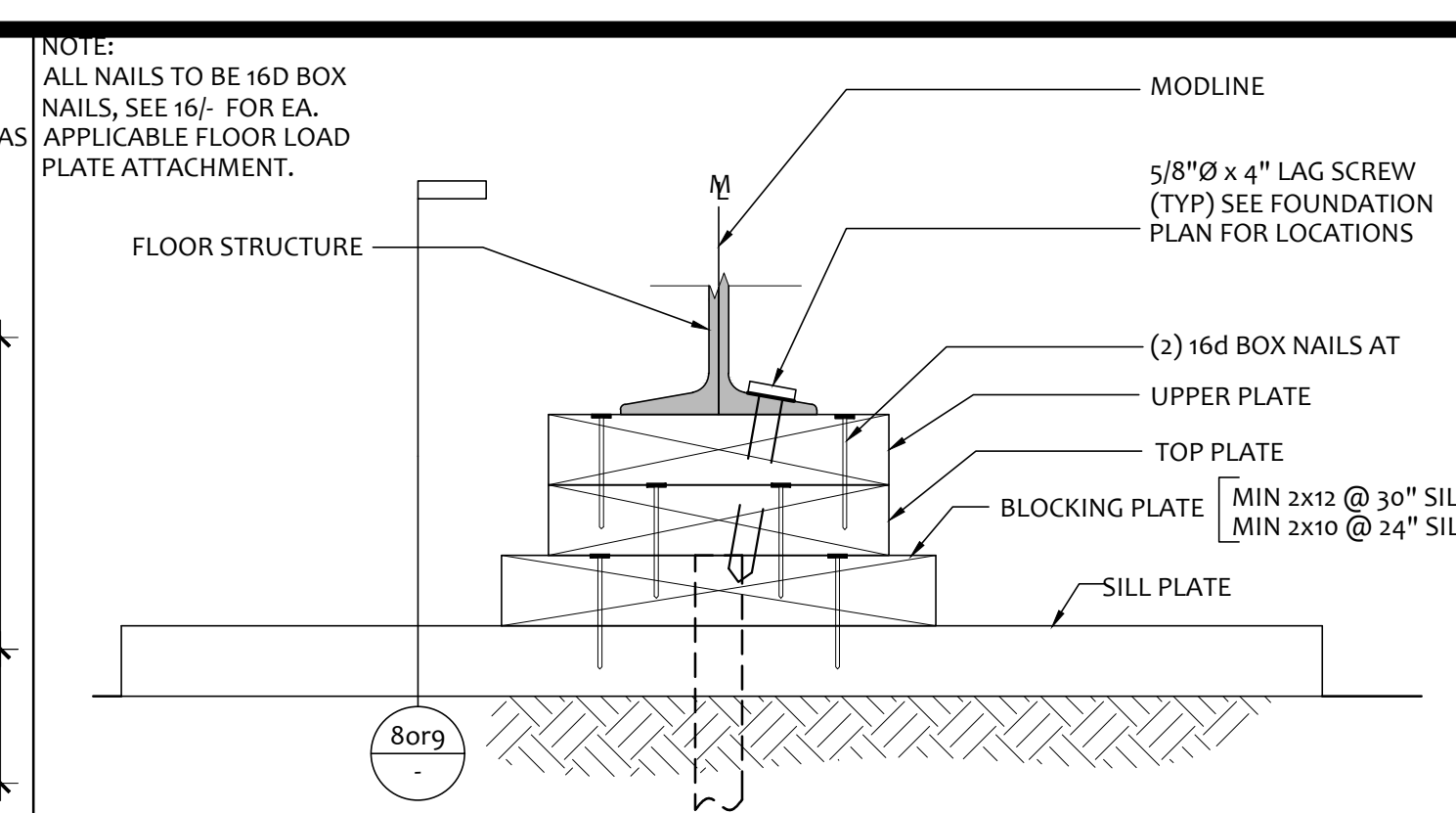
- NOTE:
- VENTING REQUIREMENTS MAY BE RE-CALCULATED DEPENDING ON GRADE CONDITIONS ON A PER-JOB BASIS
 - VERIFY FOUNDATION WIDTH WITH BUILDING'S MODULE SIZES PRIOR TO SETTING WOOD PLATES



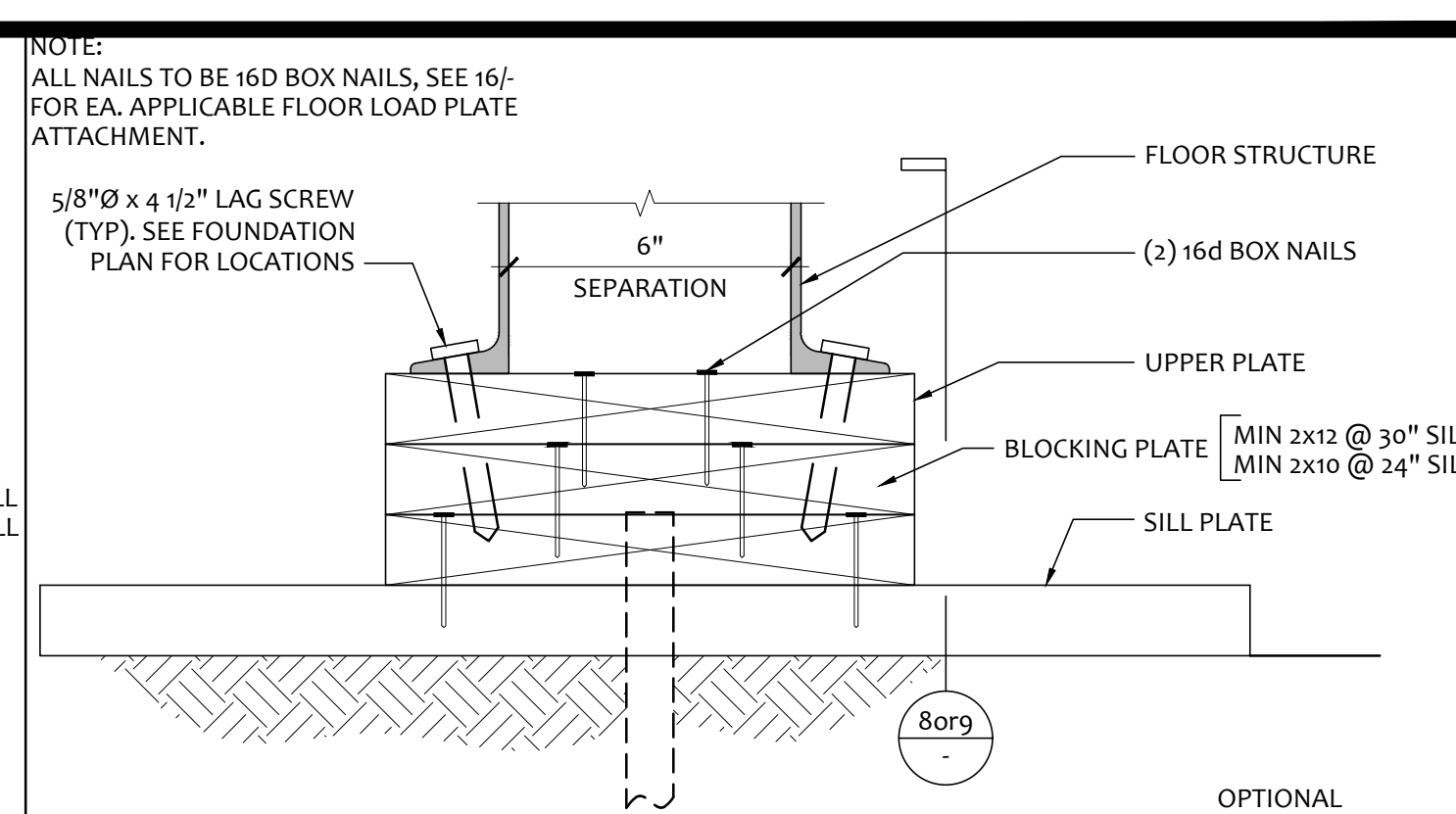
FOUNDATION AT END WALL DETAIL SCALE: 3/8"=1'-0" 1



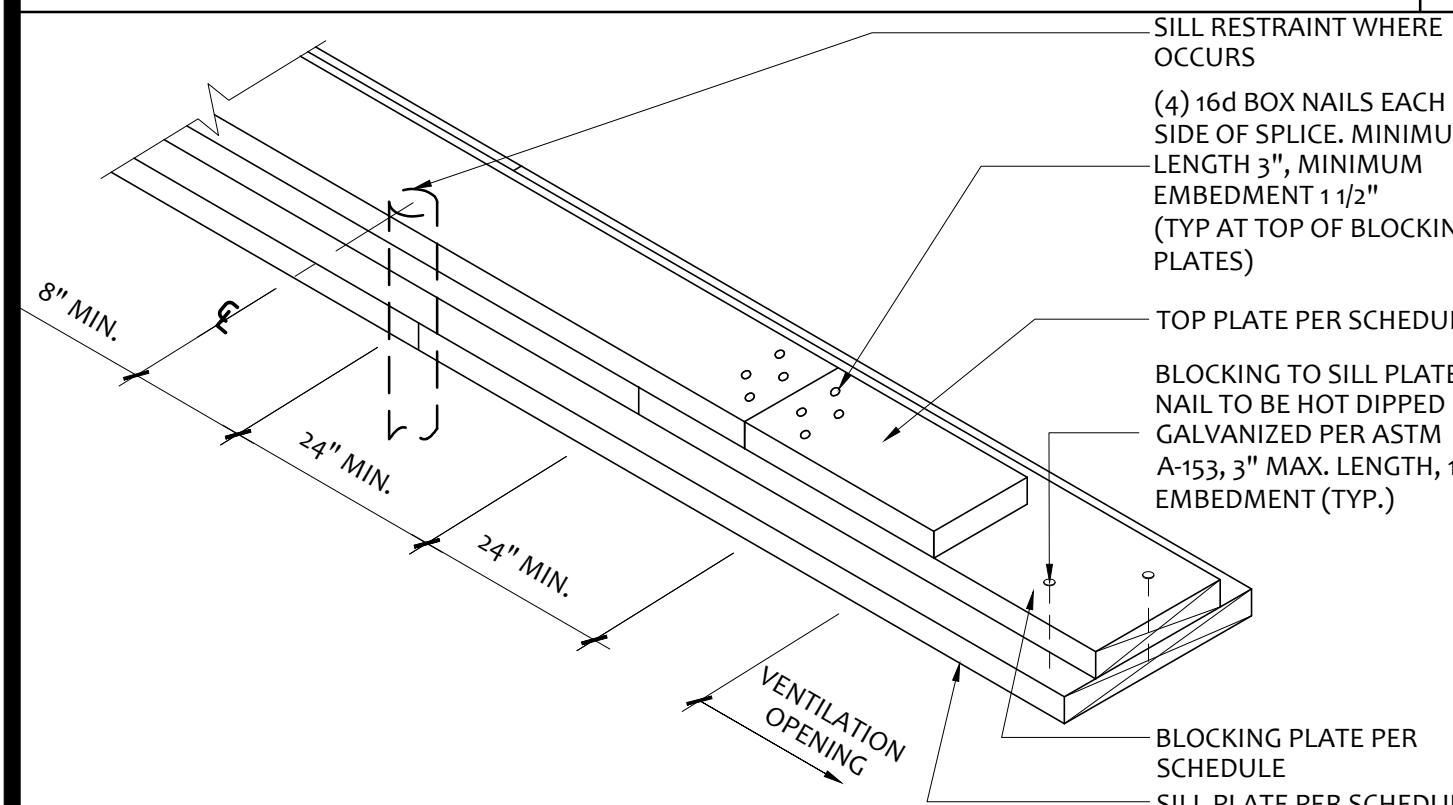
FOUNDATION AT SIDE WALL DETAIL SCALE: 3/8"=1'-0" 2



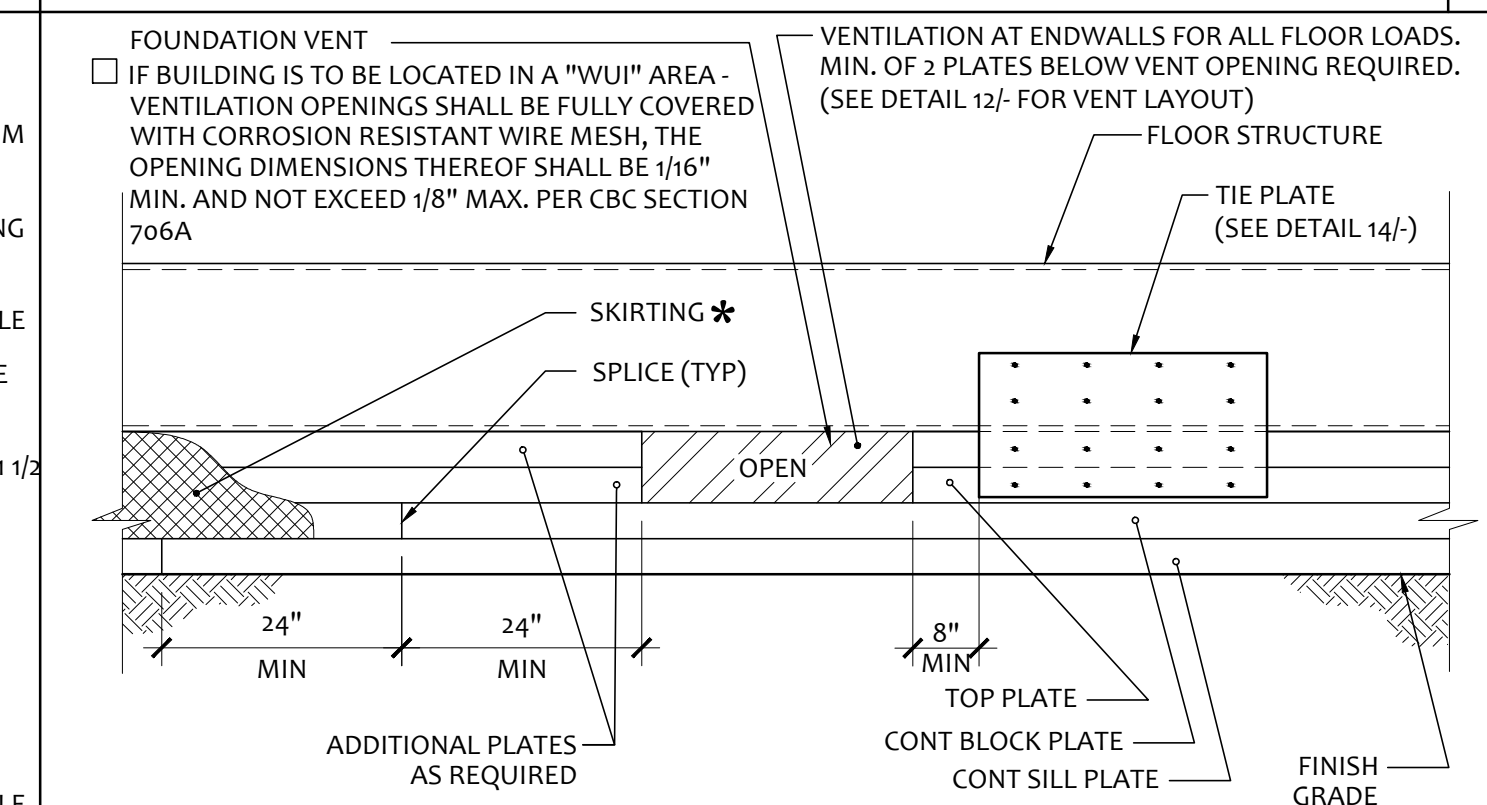
FOUNDATION AT MODLINE DETAIL SCALE: 3/8"=1'-0" 3



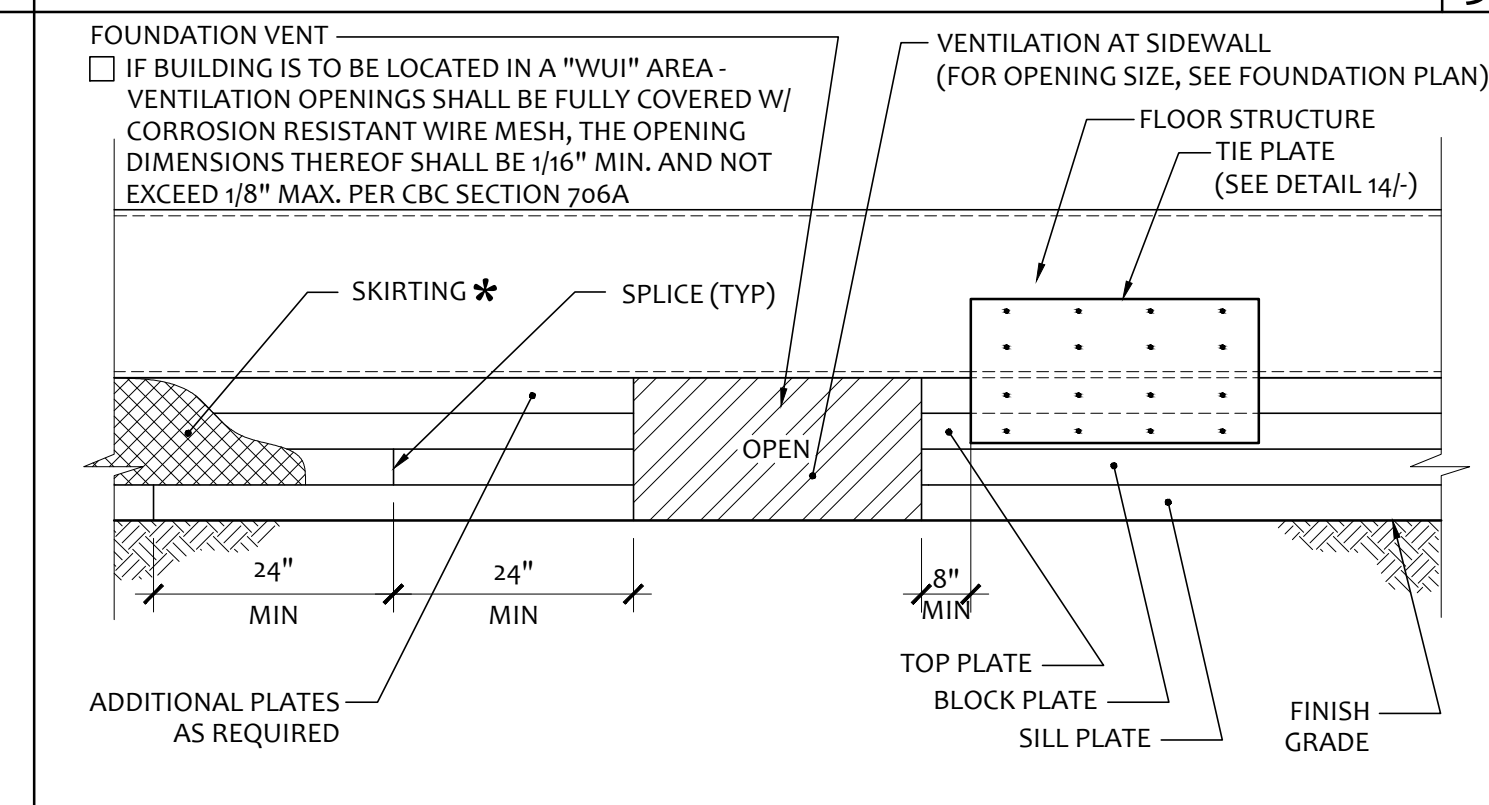
FOUNDATION AT ADJACENT BUILDING DETAIL SCALE: 3/8"=1'-0" 4



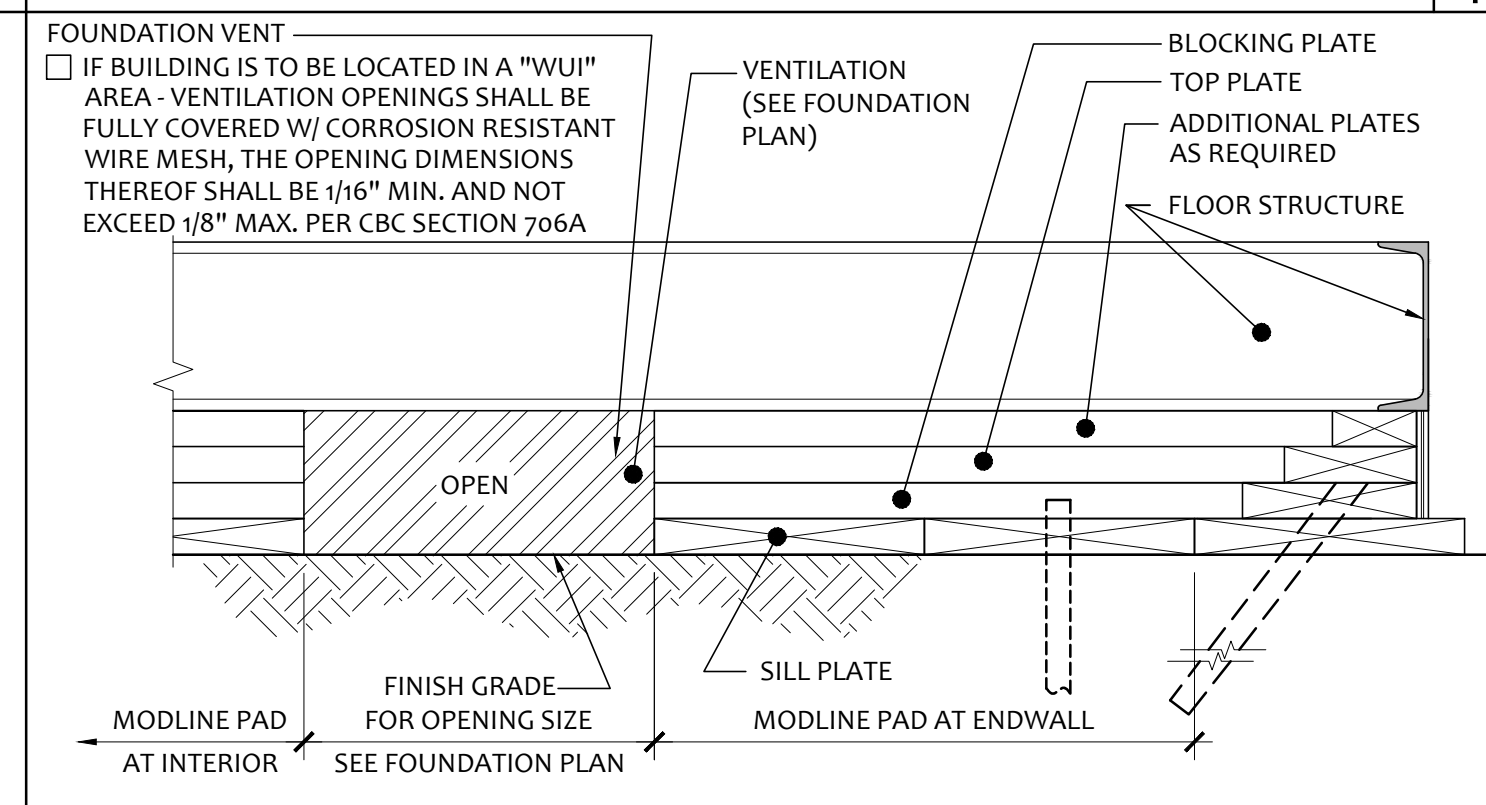
FOUNDATION SPLICE DETAIL SCALE: NTS 5



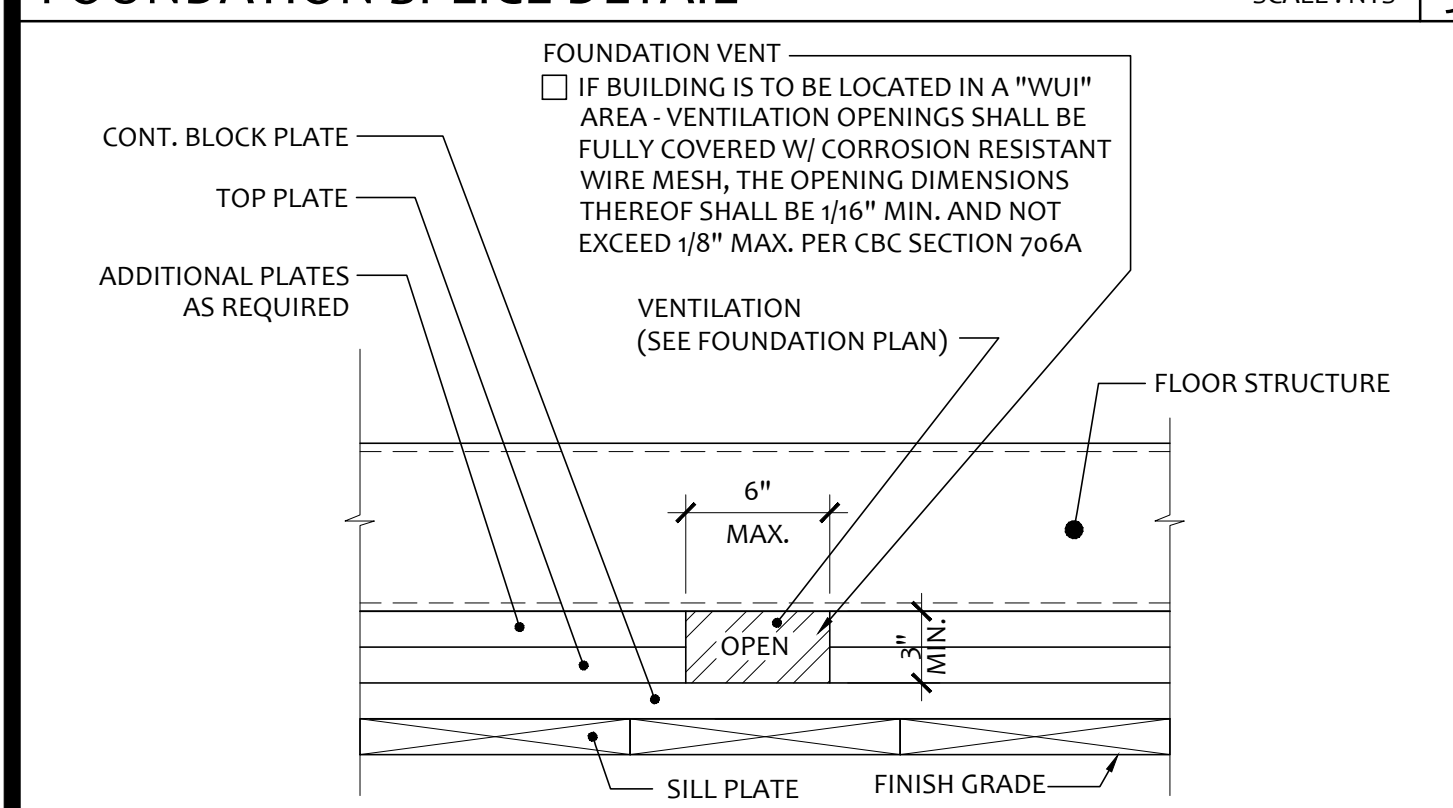
FOUNDATION ASSEMBLY END WALL ELEVATION SCALE: 1/2"=1'-0" 6



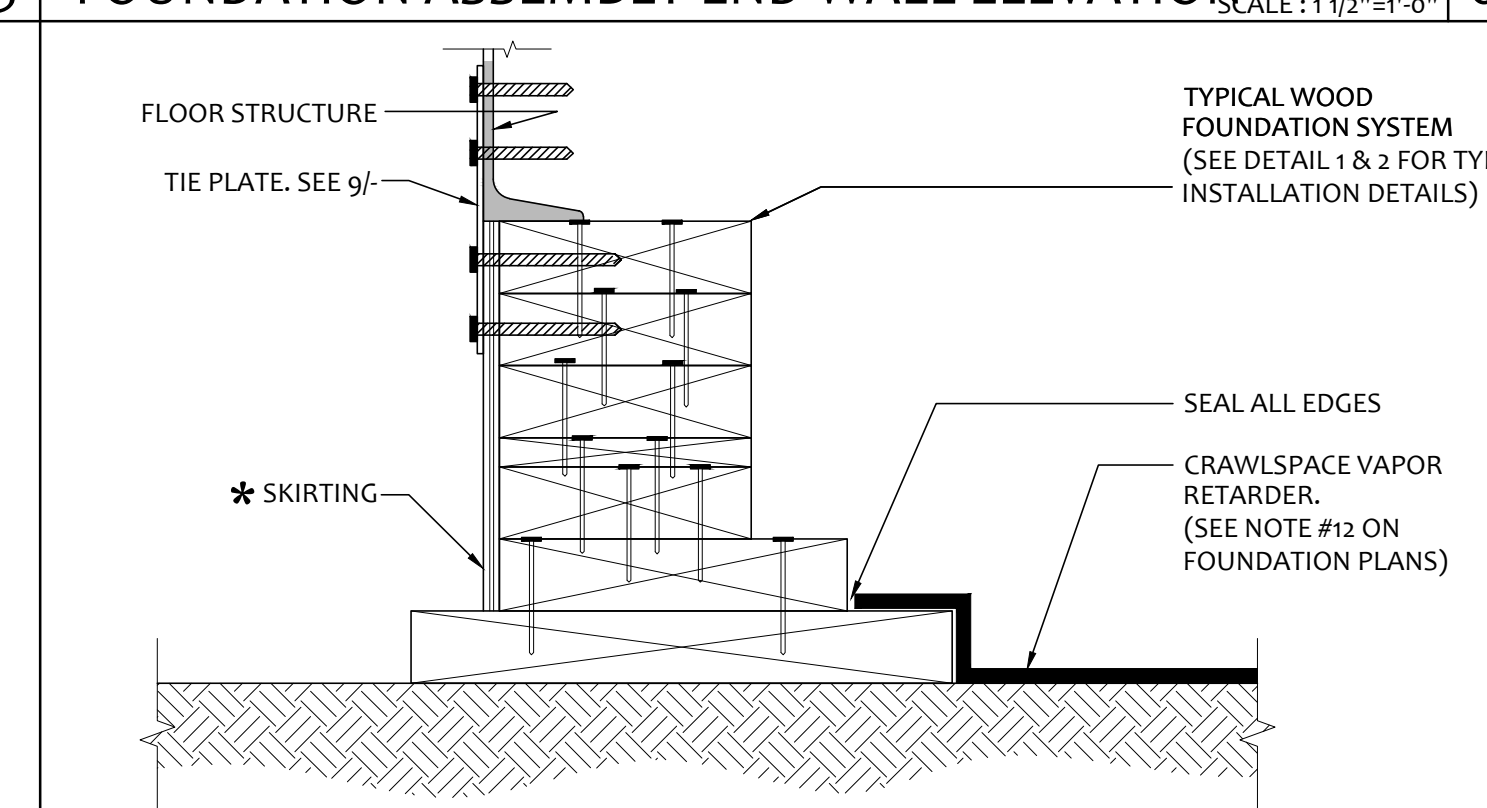
FOUNDATION ASSEMBLY SIDEWALL ELEVATION SCALE: 1/2"=1'-0" 7



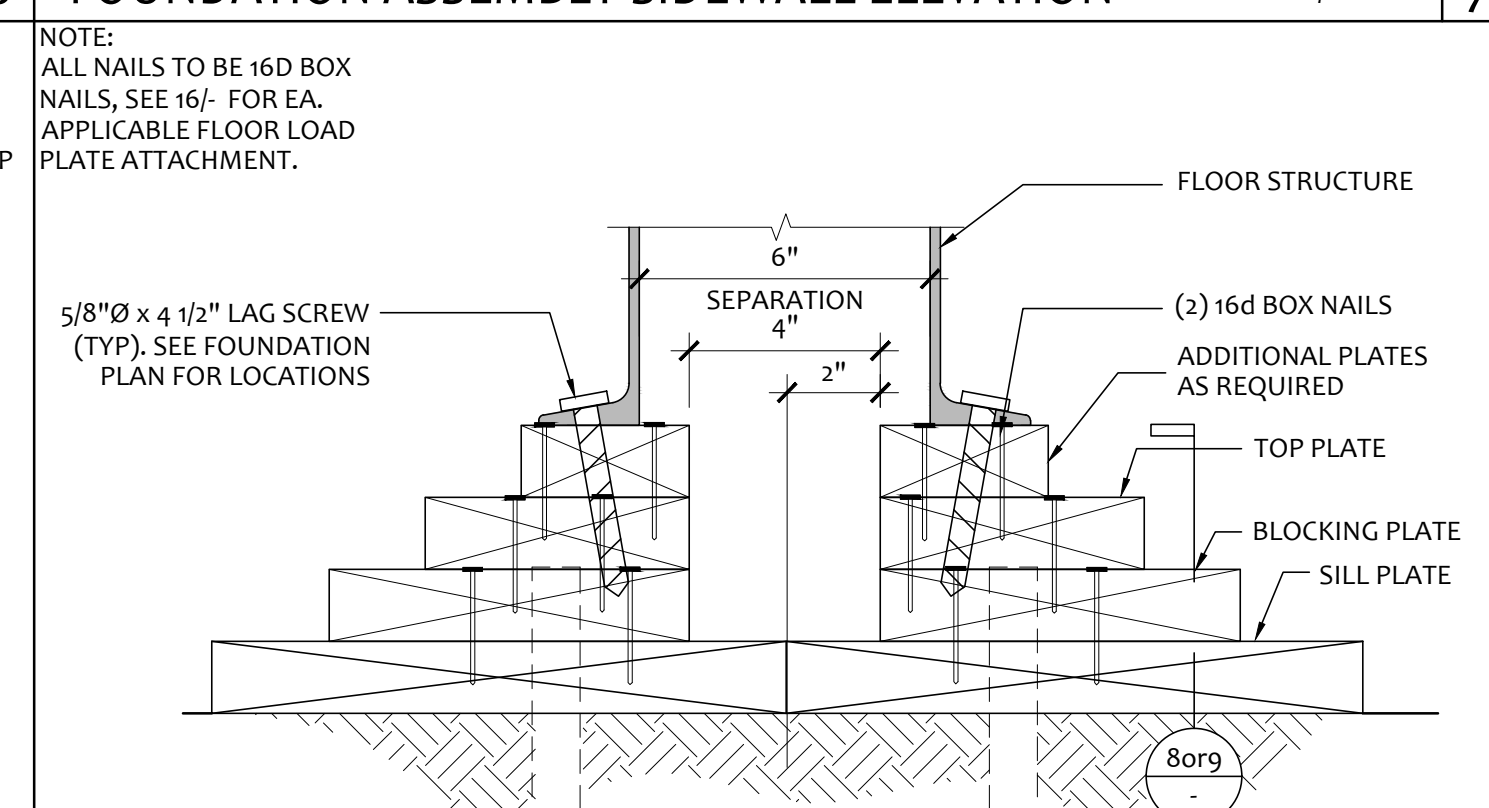
FOUNDATION AT MODLINE & SEPARATION SCALE: 1/2"=1'-0" 8



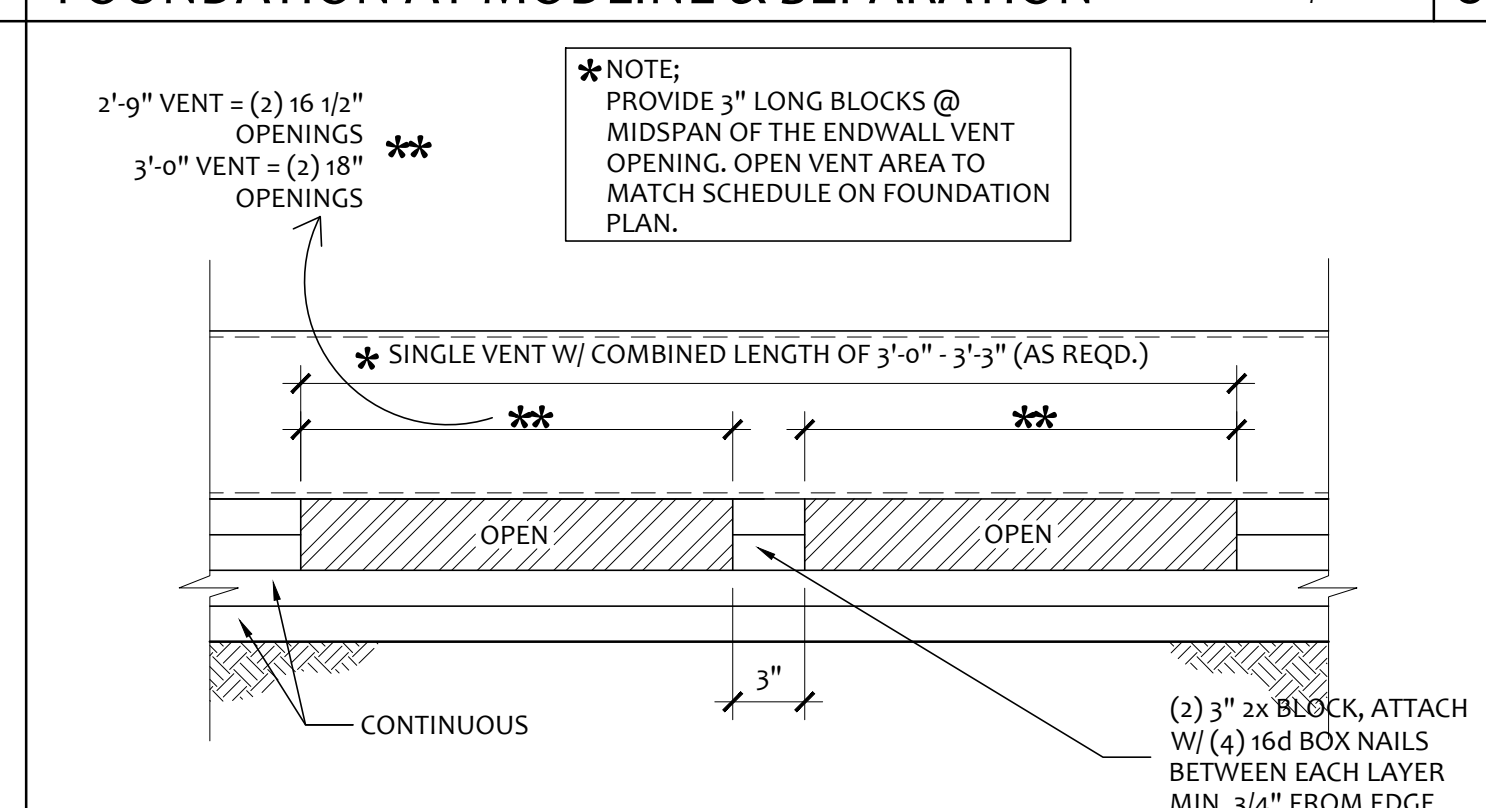
VENT ELEV. AT MODLINE & SEP FOR 150 PSF SCALE: 3/8"=1'-0" 9



OPTIONAL CRAWLSPACE VAPOR RETARDER SCALE: 3/8"=1'-0" 10



FOUNDATION AT ADJACENT BUILDING SCALE: 3/8"=1'-0" 11



END WALL VENT SCALE: 1/2"=1'-0" 12

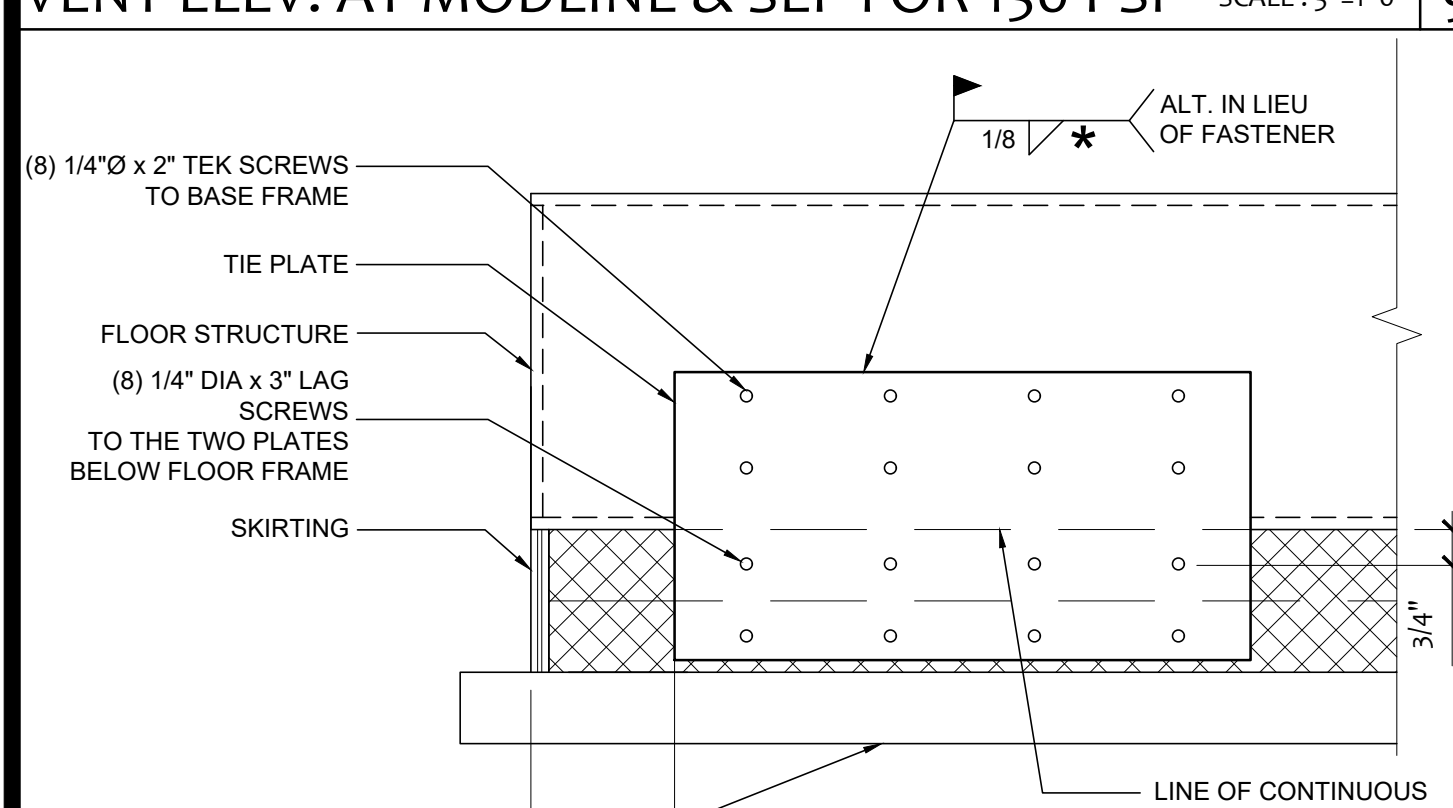
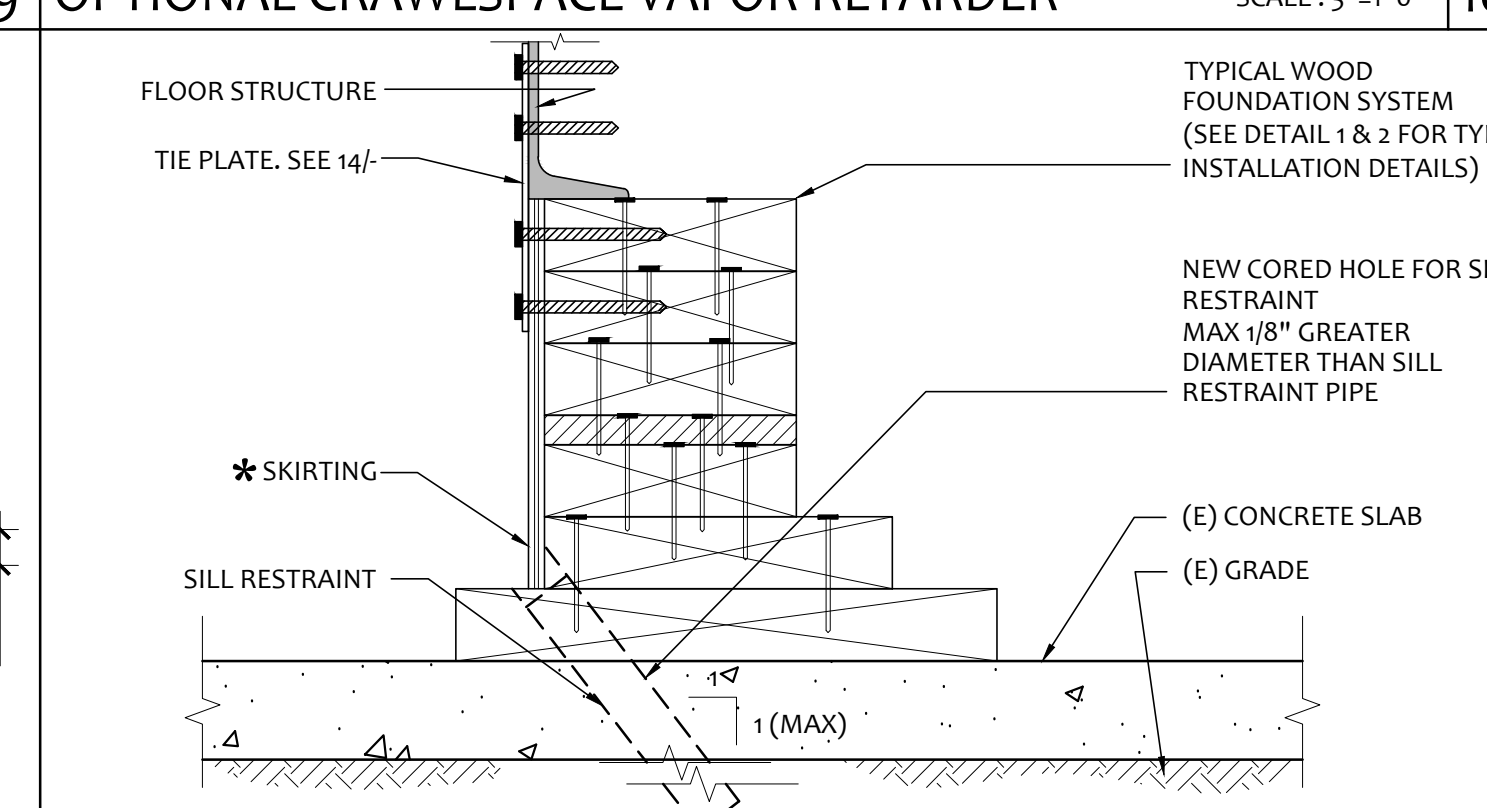
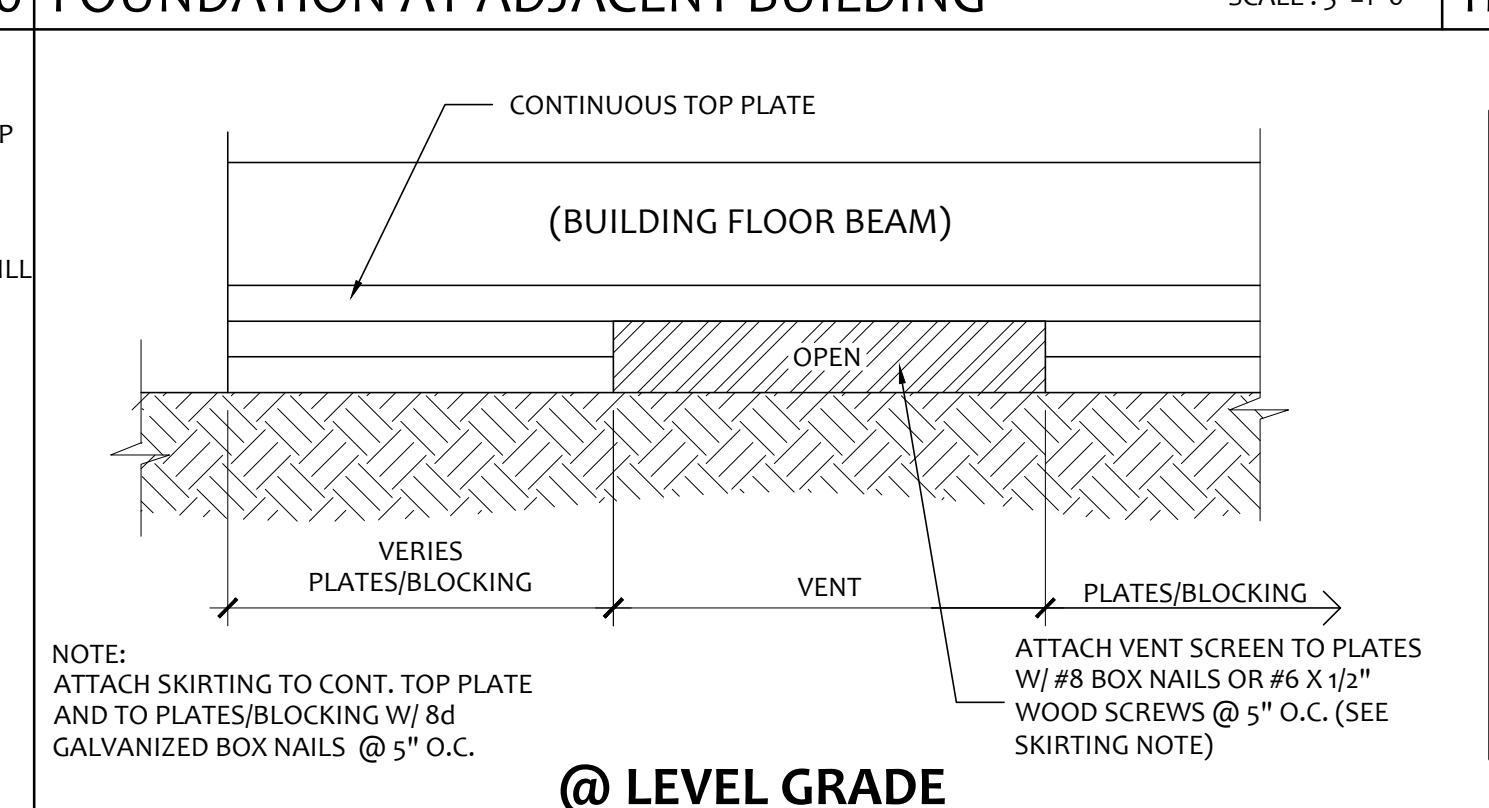


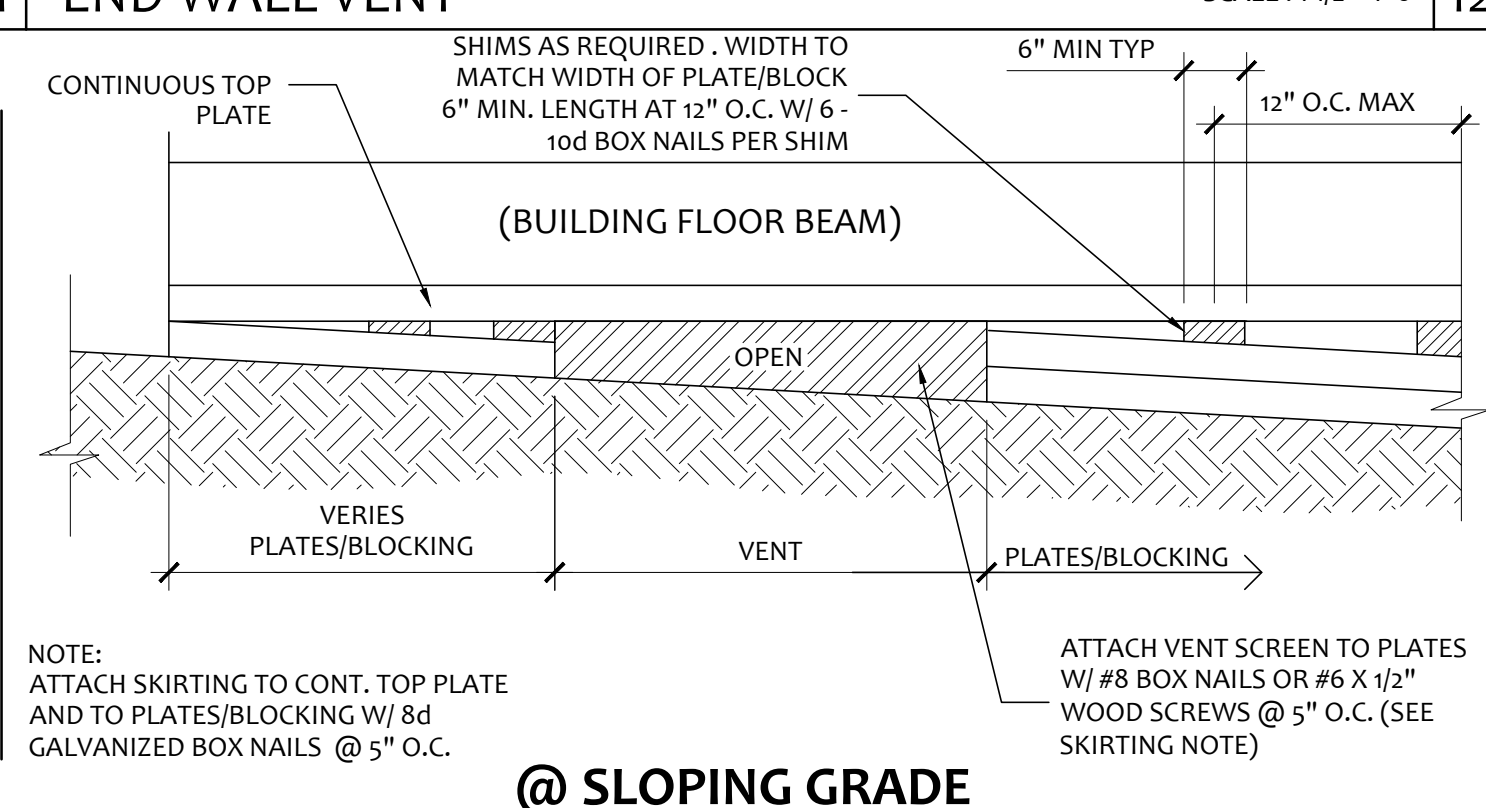
PLATE LAYOUT AT BUILDING PERIMETER SCALE: 1/2"=1'-0" 15A



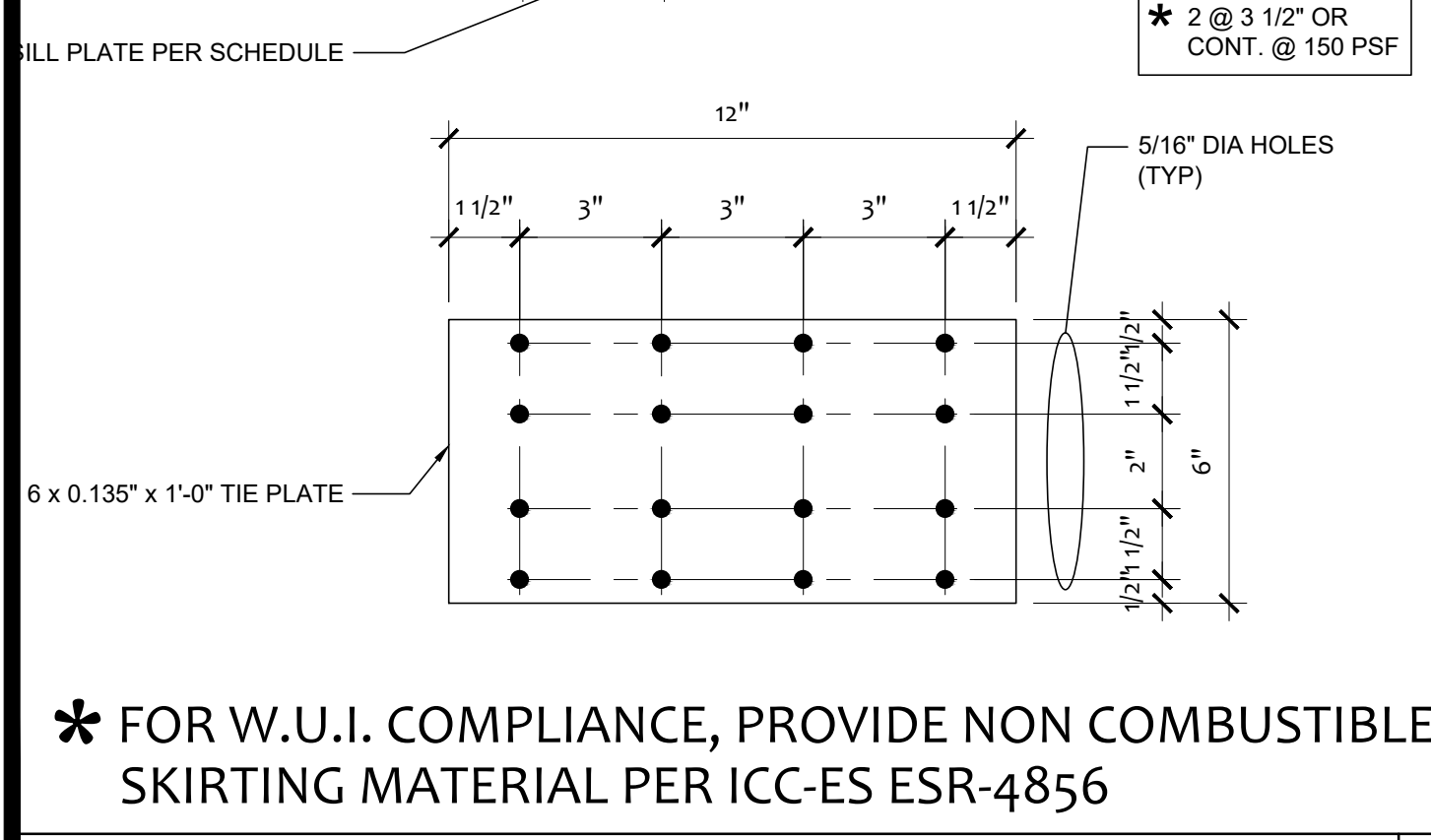
OPT. FOUNDATION ANCHORAGE AT CONCRETE PAD SCALE: 3/8"=1'-0" 15



VENT ELEV. AT MODLINE & SEP FOR 150 PSF SCALE: 3/8"=1'-0" 16



FOUNDATION AT ADJACENT BUILDING SCALE: 3/8"=1'-0" 17

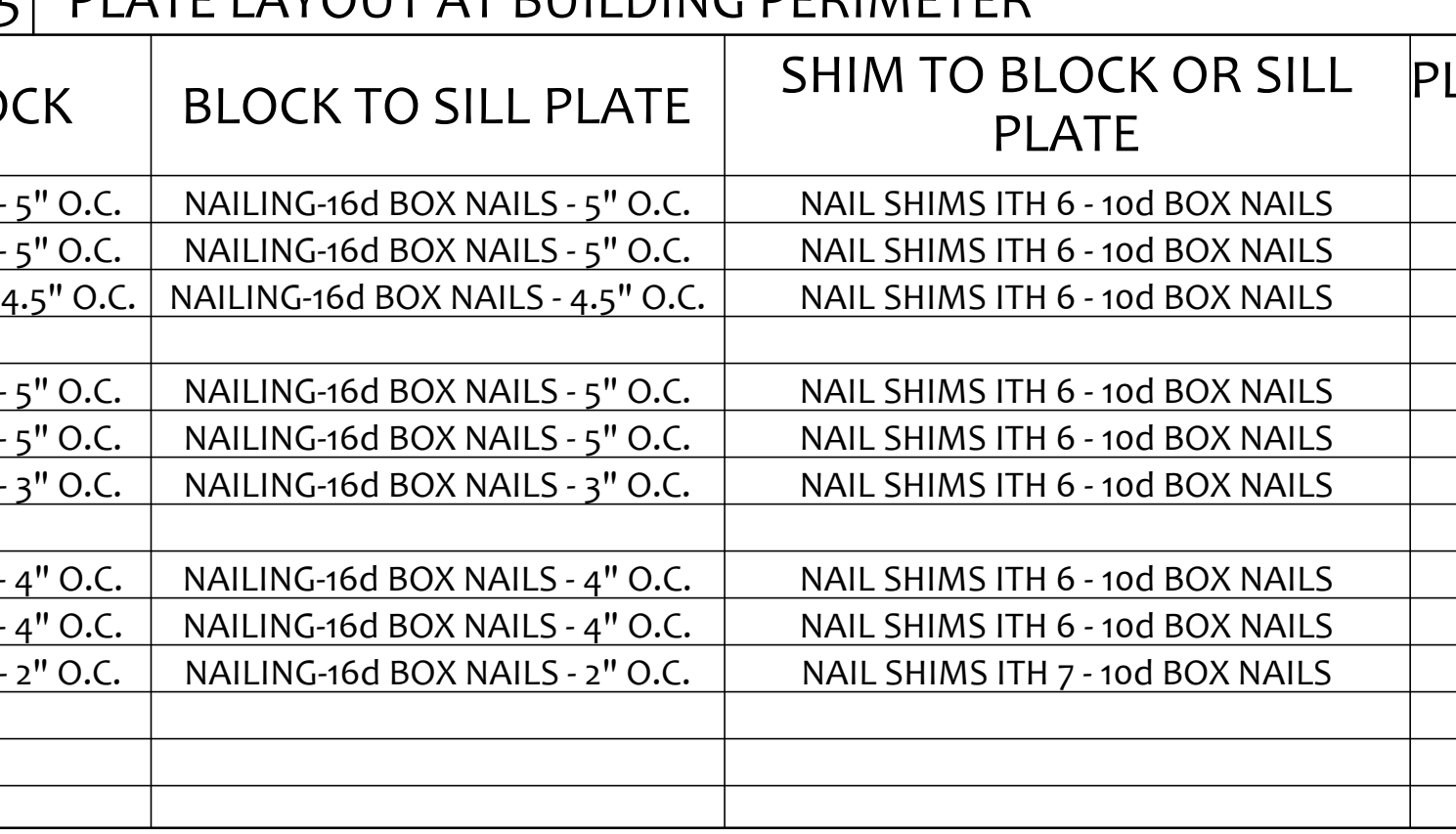


TIE PLATE DETAIL SCALE: 3/8"=1'-0" 18

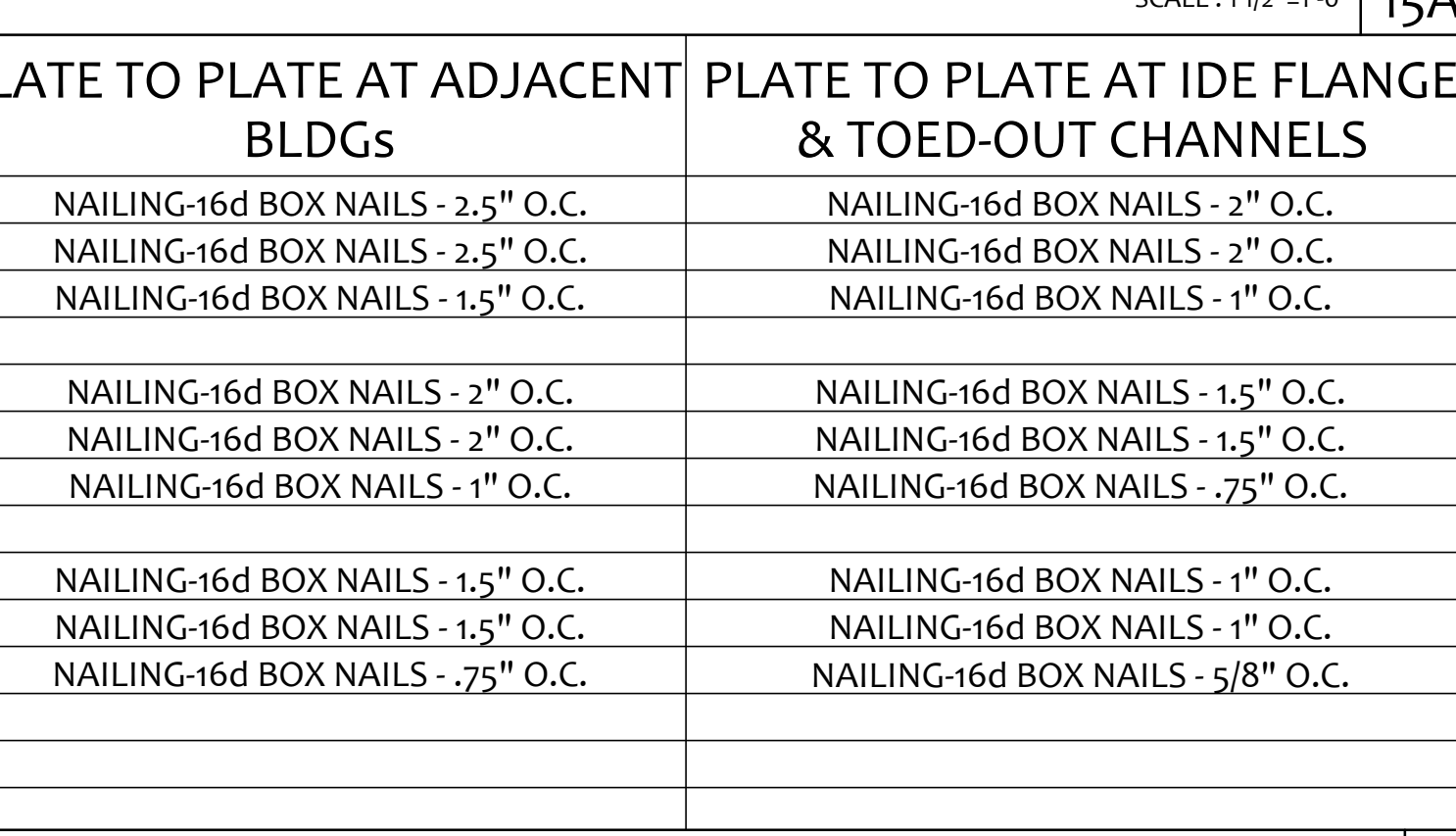
OPT. FOUNDATION ANCHORAGE AT CONCRETE PAD SCALE: 3/8"=1'-0" 15

BLDG SIZE	FLOOR LOAD	PLATE TO BLOCK	BLOCK TO BLOCK	BLOCK TO SILL PLATE	SHIM TO BLOCK OR SILL PLATE	PLATE TO PLATE AT ADJACENT BLDGs	PLATE TO PLATE AT IDE FLANGE & TOED-OUT CHANNELS
24X40	50+15 PSF	NAILING-16d BOX NAILS - 5" O.C.	NAILING-16d BOX NAILS - 5" O.C.	NAILING-16d BOX NAILS - 5" O.C.	NAIL SHIMS ITH 6 - 10d BOX NAILS	NAILING-16d BOX NAILS - 2.5" O.C.	NAILING-16d BOX NAILS - 2" O.C.
24X40	100 PSF	NAILING-16d BOX NAILS - 5" O.C.	NAILING-16d BOX NAILS - 5" O.C.	NAILING-16d BOX NAILS - 5" O.C.	NAIL SHIMS ITH 6 - 10d BOX NAILS	NAILING-16d BOX NAILS - 2.5" O.C.	NAILING-16d BOX NAILS - 2" O.C.
24X40	150 PSF	NAILING-16d BOX NAILS - 4.5" O.C.	NAILING-16d BOX NAILS - 4.5" O.C.	NAILING-16d BOX NAILS - 4.5" O.C.	NAIL SHIMS ITH 6 - 10d BOX NAILS	NAILING-16d BOX NAILS - 1.5" O.C.	NAILING-16d BOX NAILS - 1" O.C.
36X40	50+15 PSF	NAILING-16d BOX NAILS - 5" O.C.	NAILING-16d BOX NAILS - 5" O.C.	NAILING-16d BOX NAILS - 5" O.C.	NAIL SHIMS ITH 6 - 10d BOX NAILS	NAILING-16d BOX NAILS - 2" O.C.	NAILING-16d BOX NAILS - 1.5" O.C.
36X40	100 PSF	NAILING-16d BOX NAILS - 5" O.C.	NAILING-16d BOX NAILS - 5" O.C.	NAILING-16d BOX NAILS - 5" O.C.	NAIL SHIMS ITH 6 - 10d BOX NAILS	NAILING-16d BOX NAILS - 2" O.C.	NAILING-16d BOX NAILS - 1.5" O.C.
36X40	150 PSF	NAILING-16d BOX NAILS - 3" O.C.	NAILING-16d BOX NAILS - 3" O.C.	NAILING-16d BOX NAILS - 3" O.C.	NAIL SHIMS ITH 6 - 10d BOX NAILS	NAILING-16d BOX NAILS - 1" O.C.	NAILING-16d BOX NAILS - .75" O.C.
48X40	50+15 PSF	NAILING-16d BOX NAILS - 4" O.C.	NAILING-16d BOX NAILS - 4" O.C.	NAILING-16d BOX NAILS - 4" O.C.	NAIL SHIMS ITH 6 - 10d BOX NAILS	NAILING-16d BOX NAILS - 1.5" O.C.	NAILING-16d BOX NAILS - 1" O.C.
48X40	100 PSF	NAILING-16d BOX NAILS - 4" O.C.	NAILING-16d BOX NAILS - 4" O.C.	NAILING-16d BOX NAILS - 4" O.C.	NAIL SHIMS ITH 6 - 10d BOX NAILS	NAILING-16d BOX NAILS - 1.5" O.C.	NAILING-16d BOX NAILS - 1" O.C.
48X40	150 PSF	NAILING-16d BOX NAILS - 2" O.C.	NAILING-16d BOX NAILS - 2" O.C.	NAILING-16d BOX NAILS - 2" O.C.	NAIL SHIMS ITH 7 - 10d BOX NAILS	NAILING-16d BOX NAILS - .75" O.C.	NAILING-16d BOX NAILS - .5" O.C.

NAILING SPACING SCHEDULE SCALE: 3/8"=1'-0" 16



FOUNDATION AT ADJACENT BUILDING SCALE: 3/8"=1'-0" 17



FOUNDATION AT ADJACENT BUILDING SCALE: 3/8"=1'-0" 18

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-120309 INC:
REVIEWED FOR
SS FLS ACS
DATE: 06/15/2023

PROJECT SPECIFIC STATE AGENCY APPROVAL

EM ELITE MODULAR LEASING & SALES, INC.
P.O. BOX 78447
CORONA CA 92877
PHONE: 951-422-2500
FAX: 951-943-3074

PROJECT NAME:

SHEET TITLE:
FOUNDATION DETAILS WOOD

ARCHITECT OF RECORD
SUBMISSION DATE

Rock Shultz ARCHITECTURE
No. 3002
STATE OF CALIFORNIA

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-120373 PC
REVIEWED FOR
SS FLS ACS CG
DATE: 08/24/2021

2019 CBC
ORIGINAL PC STATE AGENCY APPROVAL

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REVISIONS

PROJECT NO:
DRAWN BY: F.C.
SCALE: AS NOTED
DATE: AUGUST 23, 2021
SHEET NUMBER
WFD-01