# MAYBROOK ELEMENTARY SCHOOL (TEMPORARY 3 YRS MAX) INTERIM HOUSING

11700 MAYBROOK AVENUE, WHITTIER, CA 90604 LOWELL JOINT SCHOOL DISTRICT

ABBREVIATIONS	RENOV/DEMO GENERAL NOTES	GENERAL NOTES	SYMBOLS LEGEND	SHEET INDEX TOTAL SHEETS: 78	SCOPE OF WORK
& AND MAT'L MATERIAL  \( \alpha \) ANGLE FT. MAXIMUM  \( \text{M} \) AT M.V. MEDICINE CABINET  \( \text{V} \) CENTERLINE M.V.P. METAL CORNER BEAD  \( \text{M} \) DIAMETER OR ROUND MECH. MECHANICAL  MET. METAL  A.B. ANCHOR BOLT MFR. MANUFACTURER  A.F.F. ABOVE FINISH FLOOR MIN. MINIMUM  A.G. ASPHALTIC CONCRETE MISC. MISCELLANEOUS  ADJ. ADJACENT M.O. MASONRY OPENING	<ol> <li>COORDINATE ALL DEMOLITION WORK WITH REPAIR WORK. COORDINATE ARCHITECTURAL, ELECTRICAL AND MECHANICAL WORK, EACH WITH THE OTHERS, FOR LOCATIONS, EXTENT OF WORK AND SIZES.</li> <li>COORDINATE NEW OPENINGS IN EXISTING WALLS AND FLOORS FOR PIPES AND CONDUITS WITH MECHANICAL AND ELECTRICAL CONSTRUCTION.</li> </ol>	1. VERIFY ALL DIMENSIONS, LOCATIONS OF EXISTING UTILITIES, AND CONDITIONS ON THE JOB SITE PRIOR TO THE START OF WORK OR PORTIONS OF THE WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ACTUAL FIELD CONDITIONS AND THE CONSTRUCTION DOCUMENTS. EXISTING CONDITIONS ARE INDICATED AS A RESULT OF FIELD OBSERVATIONS, INFORMATION SHOWN ON AVAILABLE DOCUMENTS AND FIELD CONDITIONS AT THE TIME OF PREPARATION.	ROOM NAME TAG ROOM NAME—CLASSROOM ROOM NO. — C108  DETAIL TAG SHEET NO. — C108  2% MAX. SLOPE IN ANY DIRECTION  SHEET NO. — C108	GENERAL G001 TITLE SHEET G002 FIRE ACCESS PLAN & CODE ANALYSIS  CIVIL C001 SITE IMPROVEMENT PLAN TITLE SHEET C002 GRADING PLAN C003 DETAIL SHEET	1. RELOCATION OF (4) 48'X40' PC A#04-114027 (STOCKPILE A#04-115678) CLASSROOMS, (7) 24'X40' CLASSROOMS STOCKPILE A# 65839 W/ WOOD FOUNDATION PER PC #04-120373 AND (1) 12'X40' TOILET RELOCATABLE BUILDINGS STOCKPILE A#04-119298 AND SITE RELATED WORK. RELO. BLDGS. WILL BE RELOCATED FROM VENDOR WILLSCOT PERRIS STO. YARD.  APPLICABLE CODES
ALUM. ALUMINUM MTD. MOUNTED APPROX. APPROXIMATELY MUL. MULLION ARCH. ARCHITECT  F. NORTH  BD. BOARD NAT. NATURAL  BET. BETWEEN N.G. NATURAL GRADE  BLDG. BUILDING N.I.A. NOT IN CONTRACT  BLK. BLOCK NO./# NUMBER  BLKG. BLOCKING NOM. NOMINAL  BM. BEAM N.T.S. NOT TO SCALE	<ol> <li>THE CONTRACTOR SHALL DISPOSE OF ALL REMOVED AND/OR DEMOLISHED MATERIAL, WASTE AND DEBRIS CAUSED BY THE NEW WORK. THIS MATERIAL SHALL BE REMOVED FROM THE PROPERTY AND TAKEN TO A LEGALLY OPERATED DISPOSAL SITE.</li> <li>REMOVAL OF ALL DEBRIS SHALL BE DONE CAREFULLY AND NOT ALLOWED TO FALL AND TO IMPACT EXISTING STRUCTURE, WORK AND/OR FINISHES. REPAIR ANY DAMAGE AFTER REPORTING AND RECEIVING INSTRUCTIONS FOR REMEDIAL WORK.</li> </ol>	<ol> <li>ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL GOVERNING CODES, ORDINANCES, REGULATIONS AND LAWS.</li> <li>THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS AND SCAFFOLDING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.</li> <li>WHERE ANY CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF LAWS, CODES, ORDINANCES, RULES AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN.</li> </ol>	WALL TYPE  DOOR NUMBER See Door Schedule  FINISH CEILING HEIGHT 8'-0"  INTERIOR ELEVATIONS  A	ARCHITECTURAL  ARCHITECTURAL  O5 SHEET  A001  OVERALL SITE & ACCESSIBLITY PLAN  A001.1  ENLARGED SITE PLAN  A002  TYPICAL SITE DETAILS  A003  SIGNAGE AND MISCELLANEOUS DETAILS  A100  BUILDING GROUPS 1 THRU 5 FLOOR &  SIGNAGE PLAN	PARTIAL LIST OF APPLICABLE CODES AS OF January 1, 2020 2022 California Administrative Code (CAC), Part 1, Title 24 C.C.R. 2019 California Building Code (CBC), Part 2, Volume 1 & 2 Title 24 C.C.R. (Based on 2018 International Building Code) 2019 California Electrical Code (CEC), Part 3, Title 24 C.C.R. (Based on 2017 National Electrical Code) 2019 California Mechanical Code (CMC), Part 4, Title 24 C.C.R.
CAB. CABINET C.B. CATCH BASIN C.F. CURB FACE C.I. CAST IRON C.J. CONTROL JOINT CLG. CEILING C.O. CONCRETE OPENING COL. COLUMN COMPO. COMPOSITION CONC. CONCRETE C.M.U. CONCRETE MASONRY UNITS  OBS. OBSCURE O.C. ON CENTER O.D. OUTSIDE DIAMETER O.H. OPPOSITE HAND OPG. OPENING OPG. OPENING OPG. OPENING OPG. OPENING OPG. OUTSIDE AIR CONCRETE OPART. PARTITION CONCRETE CONCRETE OPORTLAND CEMENT CONCRETE OPORTLAND	<ol> <li>BEFORE PROCEEDING WITH DEMOLITION, THE CONTRACTOR SHALL VERIFY THAT THE REMOVAL OF EXISTING BUILDING COMPONENTS DOES NOT REQUIRE SHORING AND/OR BRACING. WHERE DEMOLITION WORK NECESSITATES THE PROVISION OF SHORING AND/OR BRACING, THE CONTRACTOR SHALL PROVIDE SUCH UNLESS SPECIFICALLY SHOWN OTHERWISE.</li> <li>MATERIALS, EQUIPMENT OR CONSTRUCTIONS NOT NOTED IN THE CONSTRUCTION DOCUMENTS, ARE A PART OF THE WORK, AND IF DISCOVERED</li> </ol>	<ol> <li>IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.</li> <li>DETAILS MARKED 'TYPICAL' SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY NOTED OTHERWISE.</li> <li>WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF</li> </ol>	Detail/Sheet # Direction # D XXXXX B  EXTERIOR ELEVATION Elevation # XXX XXXX Sheet # XXXXX	ELECTRICAL  E-0.01 SYMBOL LIST & GENERAL NOTES  E-0.02 SINGLE LINE DIAGRAM CALCULATION & PANEL SCHEDULES  E-0.03 ELECTRICAL DETAILS  E-0.04 FIRE ALARM SYSTEM INFORMATION  E-0.05 FIRE ALARM SYMBOLS RISER DIAGRAM AND CALCULATIONS  E-0.06 POLE DETAILS AND ELECTRICAL YARD ENCLOSURE  E-1.01 SITE ELECTRICAL PLAN	(Based on 2018 Uniform Mechanical Code)  2019 California Plumbing Code (CPC), Part 5, Title 24 C.C.R.  (Based on 2018 Uniform Plumbing Code)  2019 California Energy Code (CEC), Part 6, Title 24 C.C.R.  2019 California Fire Code (CFC), Part 9, Title 24 C.C.R.  (Based on 2018 International Fire Code)  2019 California Existing Building Code (CEBC), Part 10, Title 24 C.C.R.  (Based on 2018 International Existing Building Code)  2019 California Green Building Standards Code (CALGreen), Part 11, Title 24
CONT. CONTINUOUS CONTR. CONTRACTOR CORR. CORRIDOR  DET. DETAIL D.F. DRINKING FOUNTAIN D.G. DECOMPOSED  CONTRACTOR P.L. PROPERTY LINE PLASTER PLYWD. PLYWOOD PR. PAIR P.J. PLASTIC CONTROL JOINT	DURING THE COURSE OF THE WORK, SHALL BE REPORTED FOR INSTRUCTIONS PRIOR TO REMOVAL OR ABANDON IN PLACE.  7. IN ADDITION TO DEMOLITION SHOWN, CUT, MOVE, DISMANTLE OR SALVAGE ITEMS NECESSARY TO PROVIDE ACCESS TO ALLOW REPAIR WORK TO PROCEED. INCLUDE SUCH ITEMS SUCH AS:	8. ENACT ALL MEASURES TO PROTECT AND SAFEGUARD ALL EXISTING ELEMENTS TO REMAIN FROM BEING DAMAGED. REPLACE OR REPAIR EXISTING ELEMENTS DAMAGED BY THE EXECUTION OF THIS CONTRACT TO EQUAL OR BETTER CONDITION.	BUILDING SECTION  Section # XX  Sheet # XXXXX	E-1.02 SITE SIGNAL PLAN E-2.01 RELOCATABLE BUILDING ELECTRICAL PLAN E-3.01 RELOCATABLE BUILDING SIGNAL PLAN E-4.01 RELOCATABLE BUILDING FIRE ALARM PLAN  MODULAR CLASSROOM BUILDINGS 40'X48'  27 SHEET	C.C.R.  2019 California Referenced Standards Code, Part 12, Title 24 C.C.R.  Title 19, C.C.R., Public Safety, State Fire Marshall Regulations  2010 ADA Standards for Accessible Design
DIA. DIAMETER DIM. DIMENSION R.B. RUBBER BASE DIS. DISPENSER DIV. DIVISION RDWD. REDWOOD DN. DOWN REF. REFERENCE DBL. DOUBLE DFTN. DRINKING FOUNTAIN DRY S. DRY STANDPIPE REM. REINF. REINFORCEMENT	<ul> <li>A. REPAIR OR REMOVAL OF HAZARDOUS OR UNSANITARY CONDITIONS.</li> <li>B. REMOVAL OF ABANDONED ITEMS AND ITEMS SERVING NO USEFUL PURPOSE SUCH AS ALL ABANDONED PIPING, CONDUIT AND WIRING.</li> <li>C. REMOVAL OF UNSUITABLE OR EXTRANEOUS MATERIALS NOT INDICATED FOR SALVAGE, SUCH AS ABANDONED FURNISHINGS AND EQUIPMENT, AND DEPOPIS CHOLL AS ABANDONED PURSUED METALS AND</li> </ul>	<ol> <li>CONTRACTOR SHALL COORDINATE BETWEEN THE REQUIREMENTS OF ALL DISCIPLINES HEREIN AND BETWEEN DRAWING AND SPECIFICATION REQUIREMENTS IN ORDER THAT ALL ITEMS RELATE TO ONE ANOTHER. NOTIFY ARCHITECT IMMEDIATELY REGARDING ANY ITEMS NOT COORDINATED.</li> <li>KEYNOTES DO NOT DESCRIBE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES. NO TRADE JURISDICTIONAL</li> </ol>	OWNER LOWELL JOINT SCHOOL DISTRICT 11019 VALLEY HOME AVE. WHITTIER, CA 90603  ELECTRICAL ENGINEER FBA ENGINEERING 150 PAULARINO AVENUE, SUITE A120 COSTA MESA, CA 92626	PC 04-114027 (STOCKPILE A#04-115678) * (4 EA. BUILDINGS)  A-0 COVER SHEET A-0.1 SYMBOLS LEGEND ABBREVIATIONS & ADA SIGNAGE A-0.2 SCHEDULES A-0.7 DESIGN ENERGY VALUES BY ZONE & CALGREEN SPECS A-1.03 FLOOR PLAN 48' TO 120'X40'	NFPA 72 National Fire Alarm & Signaling Code (CA amended) 2016 Edition UL 464 Audible Signaling Devices for Fire Alarm and Signaling Systems Including Accessories 2016 Edition UL 521 Standard for Heat Detectors for Fire Protective Signaling Systems 1999 Edition UL 1971 Standard for Signaling Devices for the
D.S. DOWNSPOUT REQ'D. REQUIRED DWG. DRAWING RESIL. RESILIENT REV. REVERSE  (E) EXISTING RM. ROOM EA. EACH RO. ROUGH E.J. EXPANSION JOINT R.O. ROUGH OPENING ELEC. ELECTRIC ELEV. ELEVATION S. SOUTH ENT. ENTRANCE S.B. SPLASH BLOCK EMER. EMERGENCY S.C. SOLID CORE ENCL FNCL FNCLOSURE S.D. STORM DRAIN	AND DEBRIS SUCH AS ROTTED WOOD, RUSTED METALS AND DETERIORATED CONCRETE.  D. CLEANING OF ALL SURFACES AND REMOVAL OF SURFACE FINISHES AS NEEDED TO NSTALL NEW WORK AND FINISHES.  8. PATCH, REPAIR AND REFINISH EXISTING ITEMS TO REMAIN TO THE SPECIFIED CONDITION FOR EACH MATERIAL, WITH A CRAFTSMAN LIKE TRANSITION TO ADJACENT NEW ITEMS AND CONSTRUCTION.	ALLOCATION OF THIS WORK IS INTENDED BY THE SUBDIVISION OF THE KEYNOTES. IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO SUBDIVIDE THE WORK IN THE MANNER HE DEEMS NECESSARY.  11. 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 WHEREIN THE	TEL: 562.902.4291 CONTACT: DAVID BENNETT  ARCHITECT GHATAODE BANNON ARCHITECTS 760 W. 16TH STREET, UNIT B COSTA MESA, CA 92627 TEL: 714.665.8030 FAX: 714.665.8029  TEL: 949.852.1657 CONTACT: STEPHEN R. ZAJICEK, P.E.  CIVIL  FPL AND ASSOCIATES, INC. 30 CORPORATE PARK, SUITE 401 IRVINE, CA 92606 TEL: 949.252.1688 CONTACT: RON CANEDY	A-2.03 REFLECTED CEILING PLAN A-2.20 CEILING DETAILS T-GRID A-3.03 ROOF PLAN 48' TO 120' X 40' 0.018" METAL DECK MONO SLOPE A-3.50 ROOF DETAILS 0.018" STANDING SEAM ROOF DECK A-4.04 EXTERIOR ELEVATIONS 48'X120'X40' MONO SLOPE A-5.50 ARCHITECTURAL DETAILS A-5.70 ARCHITECTURAL DETAILS A-6.03 INTERIOR ELEVATIONS F-0.22 WOOD FOUNDATION PLAN	UL 1971 Standard for Signaling Devices for the Hearing Impaired 2002 (R2018)  For a complete list of applicable NFPA standards refer to 2019 CBC Part 2 Volume 2 Chapter 35 (SFM & DSA) and California Fire Code Chapter 80.  See California Building Code Chapter 35 for State of California amendments to the NFPA Standards.  PROJECT DESIGN CRITERIA
ENCL. ENCLOSURE  EQ. EQUAL  EQUIP. EQUIPMENT  EXIST. EXISTING  E.G. EXISTING GRADE  EXPO. EXPOSED  EXP. EXPANSION  EXT. EXTERIOR  EXT. EXTERIOR  F.D. FLOOR DRAIN  SCHED. SCHEDULE  SCHED. SCHEDULE  SCHED. SCHEDULE  SCHED. SCHEDULE  SHET. SECTION  SHEET  SHEET  SHOOTH FACE  S.M.S. SHEET—METAL SCREW  SPEC. SPECIFICATIONS  SP. F. SPLIT FACE	<ol> <li>PATCH AND EXTEND REPAIR WORK TO MEET AND MATCH EXISTING WORK USING SKILLED MECHANICS WHO ARE CAPABLE OF MATCHING EXISTING QUALITY OF WORKMANSHIP. QUALITY OF PATCHED OR EXTENDED WORK SHALL NOT BE LESS THAN THAT SPECIFIED FOR THE NEW WORK.</li> <li>PRODUCTS FOR PATCHING, EXTENDING AND MATCHING: PROVIDE SAME PRODUCT OF TYPES OF CONSTRUCTION AS THAT IN EXISTING STRUCTURE, AS</li> </ol>	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(C), PART 1, TITLE 24, CCR)  12. CONTRACTOR SHALL STOP WORK AND NOTIFY ARCHITECT IMMEDIATELY IF ANY ASBESTOS CONTAINING MATERIAL (ACM) OR SUSPECTED ACM IS FOUND	CONTACT: DAVID BANNON  VICINITY MAP	F-0.50 FOUNDATION DETAILS S-1.50 FLOOR FRAMING DETAILS WOOD FLOOR S-1.01 FLOOR FRAMING PLAN WOOD FLOOR S-2.90 ROOF FRAMING DETAILS S-3.01 BUILDING SECTIONS MONO SLOPE S-5.00 WALL FRAMING ELEVATIONS WOOD STUDS S-5.10 WALL FRAMING DETAILS WOOD STUDS S-5.11 WALL FRAMING DETAILS WOOD STUDS	1. WIND LOADS  RISK CATEGORY: II EXPOSURE CATEGORY: C BASIC DESIGN WIND SPEED (3-SECOND GUST), V = 95 MPH VELOCITY PRESSURE EXPOSURE COEFFICIENT, K <sub>Z</sub> = 0.85 (0-15 FT) TOPOGRAPHIC FACTOR, K <sub>Zt</sub> = 1.0 WIND DIRECTIONALITY FACTOR, K <sub>d</sub> = 0.85 GROUND ELEVATION FACTOR, Ke = 1.00 GUST EFFECT FACTOR, G = 0.85  A. MWFRS - DIRECTIONAL PROCEDURE (ASCE 7-16, CH. 27 PART 1)  Q <sub>Z</sub> = 0.00256 K <sub>Z</sub> K <sub>Zt</sub> K <sub>d</sub> Ke V <sup>2</sup> = 16.7 PSF
F.D. FLOUR DRAIN SP. F. SPLIT FACE F.E. FIRE EXTINGUISHER SQ. SQUARE F.E.C. FIRE EXTINGUISHER S.S. SERVICE SINK & CABINET SST. STAINLESS STEEL F.F. FINISH FLOOR STAT. STATIONARY F.G. FINISH GRADE STD. STANDARD F.H. FIRE HYDRANT STL. STEEL F.H.W.S. FLATHEAD WOOD STO. STORAGE SCREWS STRUCT. STRUCTURAL FIN. FINISH SUSP. SUSPENDED	NEEDED TO PATCH, EXTEND OR MATCH EXISTING WORK. GENERALLY CONTRACT DOCUMENTS WILL NOT DEFINE PRODUCTS OF STANDARDS OR WORKMANSHIP PRESENT IN EXISTING CONSTRUCTION. CONTRACTOR SHALL DETERMINE PRODUCTS BY INSPECTION AND TESTING. WORKMANSHIP SHALL MATCH IN ALL RESPECTS THE EXISTING AS A SAMPLE OF COMPARISON.  11. THE PRESENCE OF A PRODUCT, FINISH, OR TYPE OF CONSTRUCTION REQUIRES THAT PATCHING, EXTENDING OR MATCHING SHALL BE PERFORMED	DAMAGED OR DISTURBED.  13. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING, CONDUIT, ETC. AND TO PREVENT HAZARD TO PERSONNEL AND/OR TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES. THE DESIGN PROFESSIONALS ARE NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR	South Whittier  East la Mirada 11700  Maybrook  Ave	M-0.1 MECHANICAL NOTES SCHEDULES & DETAILS M-1.03 MECHANICAL PLAN WALL MOUNT 48 TO 120'X40' E-1.03 ELECTRICAL PLAN AND SCHEDULE 48' TO 120'X40' 115678 R-1.01 RAMP LANDING 115678 R-2.01 RAMP DETAILS	$P = qGC_{P} - q_{i}(GC_{Pi})$ $EXTERNAL \ PRESSURE \ COEFFICIENT, \ C_{P} = [FIG. 27.4-1 \ THRU \ 27.4-3]$ $INTERNAL \ PRESSURE \ COEFFICIENT, \ (GC_{Pi}) = +/- \ 0.18$ $B. \ COMPONENTS \& CLADDING \ (ASCE \ 7-16, \ CH. \ 30)$ $q_{h} = 0.00256 \ K_{Z} \ K_{Zt} \ K_{d} \ V_{ULT}^{2} = 16.7 \ PSF$ $P = q_{h} \ [(GC_{P}) - (GC_{Pi})]$ $EXTERNAL \ PRESSURE \ COEFFICIENT, \ (G_{CP}) = [FIG. \ 30.3-1 \ THRU \ 30.3-7]$
F.L. FLOW LINE S.W.W. STEEL WINDOW WALL FLASH. FLASHING SYM. SYMMETRICAL  FF.D. FUSIBLE LINK FIRE DAMPER T. TREAD  FLUOR. FLUORESCENT T.B. TACKBOARD  F.O.C. FACE OF CONCRETE T. & B. TOP & BOTTOM  F.O.F. FACE OF FINISH T.B.D. TO BE DECIDED  F.O.M. FACE OF MASONRY T.C. TOP OF CURB  F.O.S. FACE OF STUD T.D. TOWEL DISPENSER	AS NECESSARY TO MAKE WORK COMPLETE AND CONSISTENT TO IDENTICAL STANDARDS OF QUALITY.  12. PATCH OR REPLACE ANY PORTION OF AN EXISTING FINISHED SURFACE WHICH IS FOUND TO BE DAMAGED, LIFTED, DISCOLORED OR SHOWS OTHER IMPERFECTIONS WITH MATCHING MATERIAL.	STRUCTURES, WHETHER OR NOT SHOWN ON AND INSTALLED BY THESE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DISTRICT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.  14. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED	Santa Ysabel  Buena Park  Fallerton Cree*	MODULAR CLASSROOM BUILDINGS 24'X40' (STOCKPILE A# 65839) * (7 EA. BUILDINGS)  65839 0 COVER SHEET, SHEET INDEX, BUILDING DATA 65839 1 FLOOR PLAN, ROOF PLAN, BUILDING ELEVATIONS 65839 5 FLOOR FRAMING, ROOF FRAMING, STRUCTURAL ELEVATIONS 65839 5.1 STEEL TRUSS SECTION AND DETAILS	INTERNAL PRESSURE COEFFICIENT, (GC <sub>Pi</sub> ) = +/- 0.18  2. SOIL BEARING PRESSURE = 1,000 PSF  3. EARTHQUAKE LOADS  SEISMIC DESIGN CRITERIA  S <sub>S</sub> = 1.733 S <sub>1</sub> = 0.615 SITE CLASS: D-DEFAULT F <sub>A</sub> = 1.2 F <sub>V</sub> = 1.7 S <sub>DS</sub> = 1.387
F.O.V. FACE OF VENEER  F.R.A. FIRE RATED  ASSEMBLY  F.R.P. FIBERGLASS  REINFORCED PANELS  F.S. FLOOR SINK  FT. FOOT OR FEET  FURR. FURRING  F.V. FIELD VERIFY  T.G. TOP OF GRATE  T. & G. TONGUE & GROOVE  T.O.M. TOP OF MASONRY  T.O.P. TOP OF PLATE AT  PARAPET  T.O.S. TOP OF ROOFING  T.O.S. TOP OF SHEATING  T.P. TOP OF PAVING  T.S.G. TAPERED STEEL	<ul> <li>A. PROVIDE ADEQUATE SUPPORT OF SUBSTRATE PRIOR TO PATCHING THE FINISH.</li> <li>B. REFINISH PATCHED PORTIONS OF PAINTED OR COATED SURFACES IN A MANNER TO PRODUCE UNIFORM COLOR AND TEXTURE OVER THE ENTIRE SURFACE.</li> <li>C. WHEN EXISTING SURFACE FINISH CANNOT BE MATCHED, REFINISH</li> </ul>	BY DSA, AS REQUIRED BY SECTION 4–338, PART 1, TITLE 24, CCR.  15. 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 SECTIONS 4–342, PART 1, TITLE 24, CCR.		65839 6B STRUCTURAL DETAILS AND NOTES 22 GA ROOFING 65839 7 REFLECTED CEILING PLAN 65839 8 ELECTRICAL POWER & LIGHTING FLOOR PLAN & PANEL SCHEDULE 65839 R−1 RAMP PLAN AND DETAILS 65839 M−1 AIR CONDITIONING FLOOR PLAN  ELITE MODULAR WOOD FOUNDATIONS PC A# 04−120373 ★	$S_{DS} = 1.387$ $S_{D1} = 0.697$ $RISK CATEGORY: II$ $SEISMIC DESIGN CATEGORY: D$ $\frac{SEISMIC DESIGN REQUIREMENTS}{DESIGN BASE SHEAR} \qquad V = C_SW$ $WHERE \qquad C_S = S_{DS}/(R/I_e)$ $BUT SHALL NOT BE LESS THAN CS = 0.044S_{DS}I_e > 0.01$ $BUT NEED NOT EXCEED \qquad C_S = S_{D1}/[T(R/I_e)]$ $R = 3.5$ $\Omega_0 = 3.0$ $T = 0.2$
GIRDER  GA. GAUGE T.W. TOP OF WALL  GALV. GALVANIZE TEL. TELEPHONE  G.I. GALVANIZED IRON TEMP. TEMPERATURE  GL. GLASS TERR. TERRAZZO  GLU. LAM. GLUE LAMINATED TR. TRANSOM  GND. GROUND TRANSF. TRANSFORMER  GR. GRADE TYP. TYPICAL	ENTIRE SURFACE TO NEAREST INTERSECTIONS.  13. WHEN NEW WORK ABUTTS OR FINISHES FLUSH WITH EXISTING WORK, MAKE A SMOOTH AND CRAFTSMAN LIKE TRANSITION. PATCHED WORK SHALL MATCH EXISTING AND ADJACENT WORK IN THE MATERIAL, FINISH, TEXTURE AND APPEARANCE SO THE PATCH AND TRANSITION IS INVISIBLE AT A DISTANCE OF SIX FEET WHEN VIEWED FROM ALL ANGLES BETWEEN 90 AND 45 DEGREES TO	<ul> <li>16. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.</li> <li>17. UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBER SHALL BE CUT, NEITHER DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT.</li> </ul>	FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS  PC A# 04-114027 (STOCKPILE A# 04-115678) ★ STOCKPILE A# 65839 & PC #A 04-120373) ★ STOCKPILE A# 04-119298 ★  THE DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET ★	CP COVER SHEET WFS-01 STRUCTURAL SPECIFICATIONS WOOD FOUNDATIONS WF-04 WOOD FOUNDATION PLAN WFD-01 FOUNDATION DETAILS  RELOCATABLE 12X40 RESTROOM BUILDING (1 EA. BUILDING)	Lowell Joint  School District
GYP. GYPSUM  U.N.O. UNLESS NOTED  OTHERWISE  H.M. HOLLOW METAL  HORIZ. HORIZONTAL  HR. HOUR  HT. HEIGHT  HTG. HEATING  HDWD. HARDWOOD  U.N.O. UNLESS NOTED  OTHERWISE  U.O.F. UNDERSIDE OF  FRAME  UR. URINAL  V. VENT  VAR. VARIES  V.C.T. VINYL COMPOSITION	THE PLANE OF THE HATCH.  14. ALL ADJACENT WORK AND CONSTRUCTIONS DAMAGED DUE TO DEMOLITION SHALL BE REPAIRED AS PART OF THIS CONTRACT.  15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXPOSED EXISTING STRUCTURES AT THE WORK AREA FROM WEATHER AND OTHER INCLEMENT CONDITIONS AND FROM THE INSTALLATION OF OTHER WORK.	<ul> <li>18. PROVIDE CONSTRUCTION AND FIRE SAFETY PER CFC CHAPTER 33.</li> <li>19. A COMPLETE AND LEGIBLE COPY OF TITLE 24, PARTS 1 THROUGH 5 &amp; 9, CCR, MUST BE KEPT ON SITE DURING CONSTRUCTION.</li> <li>20. ALL WORK SHALL CONFORM TO 2019 EDITION TITLE 24, CALIFORNIA CODE OF REGULATION (CCR).</li> </ul>	OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND 2. COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.	STOCKPILE A#04-119298 S.N' 19931 * 16 SHEETS  119298 0 COVER SHEET, SHEET INDEX, BUILDING DATA 119298 ALT-01 ALTERATIONS PLAN BOYS/GIRLS/STAFF RESTROOM 119298 ALT-03 PLUMBING DETAILS AND SCHEDULE 119298 1 FLOOR PLAN, ROOF PLAN, BUILDING ELEVATIONS 119298 3 BUILDING SECTIONS, WALL FRAMING 119298 4 TYPICAL DETAILS	A Tradition of Excellence Since 1906  "Home of Scholass and Champions"  October 17, 2022  Division of the State Architect Los Angeles Regional Office 355 South Grand Avenue, Suite 2100 Los Angeles, CA 90071  RE: Maybrook Elementary School Temporary Interim Housing (A# 03- 122420)  To Whom It May Concern,
I.D. INSIDE DIAMETER INSUL. INSULATION VERT. VERTICAL INT. INTERIOR VEST. VESTIBULE INV. INVERT V.F.W.C. VINYL FABRIC WALL COVERING JT. JOINT V.G.D.F. VERTICAL GRAIN DOUGLAS FIR KIT. KITCHEN VTR. VENT TO ROOF  LAB. LABORATORY W/ WITH	ANY DAMAGE INCURRED DUE TO FAILURE BY THE CONTRACTOR TO PROPERLY PROTECT SUCH WORK, SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.  16. CONTRACTOR SHALL INCLUDE THE REMOVAL OF ALL ITEMS WITHIN THE WALLS, OR PORTIONS OF WALLS BEING REMOVED IN HIS SCOPE OF WORK. ABANDONED CONDUIT AND PIPING EXTENDING FROM THE CONCRETE SLAB SHALL BE REMOVED AND CAPPED PROPERLY.  17. IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED,	<ul> <li>21. THE SCOPE OF WORK IS INDICATED ON THE COVER SHEET.</li> <li>22. FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS</li> </ul>	THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES AND RESPONSIBILITIES UNDER SECTIONS 17302 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 (b)).  I FIND THAT  ALL DRAWINGS LISTED ON THE COVER OR INDEX SHEET ★  THIS DRAWING OR PAGE  IS/ARE IN CONFORMANCE WITH THE PROJECT DESIGN, AND HAS/HAVE BEEN COORDINATED WITH THE PROJECT PROJECT PLANS AND SPECIFICATIONS	119298 5 FLOOR FRAMING, ROOF FRAMING, STRUCTURAL ELEVATIONS 119298 5.1 STEEL TRUSS, SECTION AND DETAILS 119298 6B STRUCTURAL DETAILS AND NOTES 22 GA. ROOFING 119298 7 REFLECTED CEILING PLAN 119298 8 ELECTRICAL POWER & LIGHTING FLR. PLAN & PANEL SCHED 119298 9 SPECIFICATIONS, INTERIOR AND EXTERIOR FINISH SCHEDULES 119298 F-0.02 WOOD FOUNDATION PLAN 119298 F-0.50 FOUNDATION DETAILS	This is to inform you that Lowell Joint School District will be relocating four (4) 48'x40', seven (7) 24'x40' and one (1) 12'x40' restroom modular buildings to Maybrook Elementary School located at 11700 Maybrook Avenue, Whittier, CA 90604. The placement of these modular buildings is temporary not to exceed a duration of thirty-six (36) months.  Sincerely,
LAM. PLAS. LAMINATED PLASTIC W.C. WATER CLOSET LAV. LAVATORY WD. WOOD LVR. LOUVER W.I. WROUGHT IRON W.W.M. WELDED WIRE MESH	WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF CBC IN FORCE AT THE TIME OF THE ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH THE CURRENT CODE REQUIREMENTS. A CONSTRUCTIOB CHANGE DOCUMENT (CCD-TYPE A), OR SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.	FOR THIS PROJECT.  23. A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4–342, PART 1, TITLE 24, CCR.  24. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.	PLANS AND SPECIFICATIONS  O7/25/22  SIGNATURE  ARCHITECT OR ENGINEER DESIGNATED TO BE IN RESPONSIBLE CHARGE  DAVID BANNON PRINT NAME C25904  LICENSE NUMBER  PROJECT PLANS AND SPECIFICATIONS  ARCHITECT OR ENGINEER DELEGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK  PRINT NAME LICENSE NUMBER  EXPIRATION DATE	119298 R-1.03 RAMP LANDING 119298 R-2.01 RAMP DETAILS	Superintendent of Schools: Jim Coombs  Board of Trustees: Melissa A. Salinas, Karen L. Shaw, Anastasia M. Shackelford, Anthony A. Zegarra  11019 Valley Home Avenue, Whittier, CA 90603-3098 Phone: 562.943.0211 Fax: 562.947.7874 Web: www.ljsd.org

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 03-122420 INC:

REVIEWED FOR
SS FLS ACS DATE: 11/30/2022

Architecture · Planning · Interior Design
Mesa, CA 92627

Architecture · Planning · Interior Design
Mesa, CA 92627

Architecture · Planning · Interior Design
Mesa, CA 92627

Architect Seal

sultant Seal

HOUSING:

NUE, WHITTIER CA 90604

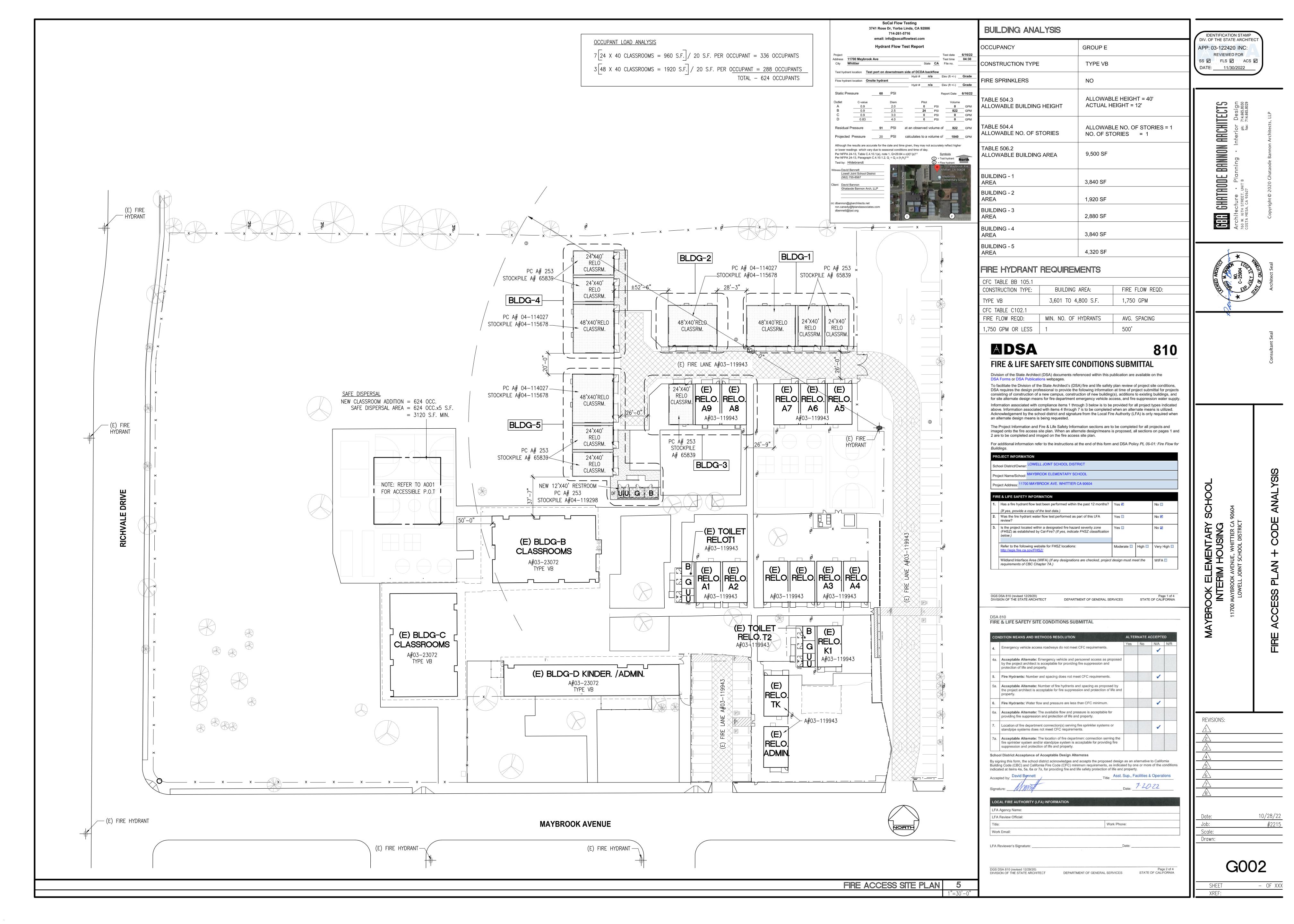
T SCHOOL DISTRICT

VISIONS:

10/28/22 #2215 N.T.S

G001

SHEET XREF:



INTERIM HOUSING

# MAYBROOK ELEMENTARY SCHOOL

KEYNOTE NUMBERS MAY NOT NECESSARILY CORRESPOND PRECISELY TO SPECIFIC SPECIFICATION SECTIONS OF THE WORK. REFER TO THE SPECIFICATION TABLE OF CONTENTS FOR PRECISE SPECIFICATION DIVISION NUMBERS ASSOCIATED WITH THE WORK. CONTRACTOR SHALL PROVIDE AND INSTALL ALL WORK INDICATED HEREIN PURSUANT TO THE GENERAL CONDITIONS AND TECHNICAL SPECIFICATIONS OF THE CONTRACT, REGARDLESS OF WHETHER OR NOT THE KEYNOTE NUMBER(S) SPECIFICALLY CORRESPOND PRECISELY TO SPECIFICATION SECTIONS OR DIVISIONS PROVIDED IN THE TECHNICAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 03-122420 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 DATE: 11/30/2022

**ARCHITECTS** 

BANON

GHATAODE

FPL and Associates, Inc.

Traffic • Transportation • Civil

30 Corporate Park, Suite 401

Irvine, CA 92606

Phone: 949-252-1688

# GENERAL NOTES FOR GRADING

- ALL WORK SHALL CONFORM WITH THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), 2021 EDITION AND THE LATEST REVISIONS THERETO, THE WORK AREA TRAFFIC CONTROL HANDBOOK (W.A.T.C.H. MANUAL), A.D.A, TITLE 24 REQUIREMENTS, AND 2019 C.B.C. UNLESS SPECIFIED OTHERWISE IN THE CONTRACT SPECIFICATIONS.
- 2. A COPY OF THE DIVISION OF STATE ARCHITECT APPROVED PRECISE GRADING PLANS MUST BE IN THE POSSESSION OF A RESPONSIBLE PERSON AND AVAILABLE AT THE JOB SITE AT ALL TIMES.
- 3. AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE REGIONAL NOTIFICATION CENTER (UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA — U.S.A. AT 811) TO OBTAIN AN INQUIRY IDENTIFICATION NUMBER AND TO REQUEST THE UTILITY OWNERS TO MARK OR OTHERWISE INDICATE THE LOCATION OF THEIR SUBSURFACE FACILITIES. THE CONTRACTOR SHALL DETERMINE THE LOCATION AND DEPTH OF ALL UTILITIES, INCLUDING ALL SERVICE CONNECTIONS, WHICH HAVE BEEN MARKED BY THE RESPECTIVE OWNERS AND WHICH MAY AFFECT OR BE AFFECTED BY ITS OPERATIONS. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT ALL UTILITIES AND ALL STRUCTURES FOUND AT THE SITE.
- 4. ALL PERMITS NECESSARY PRIOR TO BEGINNING CONSTRUCTION SHALL BE OBTAINED BY THE CONTRACTOR.
- THROUGHOUT ALL PHASES OF CONSTRUCTION, INCLUDING SUSPENSION OF WORK, UNTIL FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL KEEP THE WORK SITE CLEAN AND FREE FROM RUBBISH AND DEBRIS. THE CONTRACTOR SHALL ALSO ABATE DUST NUISANCE BY CLEANING, SWEEPING AND SPRINKLING WITH WATER AND USING DUST FENCES OR OTHER METHODS AS DIRECTED BY THE CONSTRUCTION MANAGER OR FIELD INSPECTOR THROUGHOUT THE CONSTRUCTION OPERATION AND SHALL INCORPORATE IN
- THE CONTRACTOR SHALL KEEP A STRICT RECORD OF ALL CHANGES THAT OCCUR DURING CONSTRUCTION PRACTICES AND SUBMIT THIS RECORD TO THE SCHOOL DISTRICT & DSA CERTIFIED AS "RECORD DRAWING" PLANS.
- ALL DAMAGE CAUSED TO PUBLIC STREETS, INCLUDING HAUL ROUTES, ALLEYS, SIDEWALKS, CURBS OR STREET FURNISHINGS, OR TO PRIVATE PROPERTY SHALL BE REPAIRED AT THE SOLE EXPENSE OF THE CONTRACTOR TO THE ENGINEER'S SATISFACTION.
- 8. THE CONTRACTOR SHALL REMOVE AND REPLACE ANY BROKEN OR DAMAGED SIDEWALK, CURB, GUTTER OR ASPHALT PAVING AND TURF (PATCH, REPAIR OR OVERLAY) CAUSED BY THEIR WORK ON THIS PROJECT AT THE DIRECTION OF THE OWNER.
- 9. ALL UNDERGROUND SEWER, STORM DRAIN, AND WATER PIPELINES, ELECTRIC POWER, TELEPHONE OR CABLE TV CONDUITS AND CABLE AND GAS PIPELINES SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF CURBS, GUTTERS, SIDEWALKS AND PAVEMENT.
- 10. WHERE JOINING THE EXISTING PAVEMENT. SAWCUT TO SOUND PAVEMENT AND OVERLAY AS REQUIRED TO PROVIDE PROPER GRADE AND 2% MAX. CROSS-SLOPE OR 5% MAX. RUNNING SLOPE AS NOTED ON PLANS. ANY UNSOUND PAVEMENT SHALL BE REPLACED AS REQUIRED BY THE ENGINEER.
- 11. AT LEAST TWO (2) WORKING DAYS BEFORE COMMENCING EXCAVATION, THE CONTRACTOR SHALL POTHOLE AND EXPOSE THE EXISTING UTILITIES AT ALL CROSSINGS AND AT THE POINT OF TIE-IN; THEN CONTACT THE ENGINEER TO VERIFY THE ELEVATION OF THE EXISTING FACILITIES.
- 12. SURVEY MONUMENTS SHALL BE PRESERVED AND REFERENCED BEFORE CONSTRUCTION AND RE-PLACED AFTER CONSTRUCTION PURSUANT TO SECTION 2-9 OF THE S.S.P.W.C. (GREENBOOK).
- 13. ALL UNSUITABLE MATERIAL SHALL BE REMOVED, AS DIRECTED BY THE SOILS ENGINEER, FROM ALL AREAS ALL UNSUITABLE MATERIAL SHALL BE REMOVED, AS DIRECTED BY THE SOILS ENGINEER, FROM ALL AREAS TO RECEIVE COMPACTED FILL OR DRAINAGE STRUCTURES. TO RECEIVE COMPACTED FILL OR DRAINAGE STRUCTURES.
- 14. ALL DELETERIOUS MATERIAL (I.E. LUMBER, LOGS, BRUSH, RUBBISH, ETC.) SHALL BE REMOVED FROM ALL AREAS TO RECEIVE COMPACTED FILL AND HAULED TO DUMP-SITE APPROVED BY THE ENGINEER.
- 15. ALL AREAS TO RECEIVE COMPACTED FILL SHALL BE INSPECTED AND APPROVED BY THE SOILS ENGINEER AFTER REMOVAL OF UNSUITABLE MATERIAL AND EXCAVATION OF KEYWAYS AND BENCHES, AND PRIOR TO PLACEMENT OF SUBSURFACE DRAINAGE SYSTEMS OR ANY FILLS.
- 16. ALL SOILS OR ROCK MATERIALS DEEMED UNSUITABLE FOR PLACEMENT IN COMPACTED FILL SHALL BE REMOVED FROM THE SITE. ANY IMPORTED MATERIAL SHALL BE APPROVED BY THE SOILS ENGINEER PRIOR TO USE IN COMPACTED FILL. BLOCKY MATERIAL SHALL BE BROKEN INTO SUITABLE PARTICLE SIZES, BEFORE BEING USED AS FILL IN CONFORMANCE WITH THE CITY STANDARDS.
- 17. ALL TREE ROOTS, ABANDONED IRRIGATION LINES, UTILITY SERVICES AND SIMILAR MATERIALS ENCOUNTERED DURING EXCAVATION SHALL BE REMOVED FROM THE SITE AND VOIDS CREATED THEREBY SHALL BE PROPERLY FILLED AND COMPACTED AS DIRECTED BY THE SOILS
- 18. ALL EXCAVATED BACK SLOPES AND KEYS FOR BUTTRESS FILLS MUST BE EXAMINED BY THE ENGINEERING GEOLOGIST AND SOILS ENGINEER TO INSURE ALL POTENTIAL PLANES OF FAILURE HAVE BEEN EXPOSED IN THE EXCAVATION AND WILL BE ADEQUATELY SUPPORTED BY THE PROPOSED BUTTRESS FILLS.
- 19. THE SOILS ENGINEER SHALL SUBMIT RECOMMENDATIONS FOR CORRECTIVE WORK TO INSURE SLOPE STABILITY WHERE UNSTABLE MATERIAL IS EXPOSED AT THE TOP OF CUTS.
- 20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING STORM DAMAGE PREVENTION MEASURES OR EROSION CONTROL DEVICES AND/OR TO PERFORM CERTAIN GRADING TO PREVENT SOIL OR EXCESS RUNOFF FROM FLOWING INTO PUBLIC STREETS OR ADJACENT PROPERTIES. IN THE EVENT OF SUCH AN OCCURRENCE, CLEANUP SHALL COMMENCE IMMEDIATELY. SHOULD CITY FORCES OR THE CITY CONTRACTOR PERFORM ANY CLEANUP RESULTING FROM THIS DEVELOPMENT, THE CONTRACTOR SHALL PAY THE COST INCURRED WITHIN TEN (10) WORKING DAYS UPON RECEIPT OF BILLING.
- 21. EITHER WATER OR DUST PALLIATIVE, OR BOTH, MUST BE APPLIED FOR THE ALLEVIATION OR PREVENTION OF EXCESSIVE DUST RESULTING FROM THE LOADING OR TRANSPORTATION OF EARTH FROM OR TO THE PROJECT SITE OR PRIVATE AND PUBLIC ROADWAYS.
- 22. NO OVERSIZE OR OVERWEIGHT LOADS ARE PERMITTED WITHOUT A SEPARATE MOVING PERMIT.
- 23. ALL EQUIPMENT USED TO HAUL EXCAVATION OR FILL MATERIAL FROM OR TO THE SITE SHALL FOLLOW A DESIGNATED ROUTE OR ROUTES IN GOING TO AND FROM THE SITE. THE CONTRACTOR SHALL BE ENTITLED TO THE DESIGNATION OF A ROUTE PROVIDING ACCESS TO A SPECIFIED PLACE OTHER THAN THE SITE, AFTER SHOWING TO THE SATISFACTION OF THE CITY BUILDING OFFICIAL THAT SUCH SPECIFIED PLACE IS A PLACE WHERE EXCAVATION MATERIAL MAY BE REASONABLY DEPOSITED OR FILL MATERIAL MAY BE OBTAINED. A SEPARATE ENCROACHMENT PERMIT IS REQUIRED WHEN IT IS NECESSARY TO FLAG TRAFFIC OR INSTALL ANY TRAFFIC CONTROL DEVICES ON CITY RIGHT-OF-WAY.
- 24. ANY EARTH ROCK, GRAVEL, SAND, STONE OR OTHER EXCAVATED MATERIAL DEPOSITED OR CAUSED TO ROLL, FLOW OR WASH UPON ANY PUBLIC PLACE OR PRIVATE PROPERTY SHALL BE REMOVED FROM SUCH PUBLIC PLACE OR PRIVATE PROPERTY BY THE END OF THE WORKDAY BY THE CONTRACTOR RESPONSIBLE FOR THE DEPOSITION. IF AN ADVERSE CONDITION IS CAUSED BY DEPOSIT, THE CONDITION SHALL BE CORRECTED IMMEDIATELY.
- 25. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORMWATER FROM THE PROJECT SITE AT ALL TIMES.
- 26. ALL TRUCKS HAULING DIRT, SAND, OIL, OR OTHER LOOSE MATERIALS ARE TO BE COVERED OR SHOULD MAINTAIN AT LEAST TWO FEET OF FREEBOARD IN ACCORDANCE WITH THE REQUIREMENTS OF CVC SECTION 23114.
- 27. ADJUST UTILITY BOXES TO BE FLUSH WITH ULTIMATE FINISH SURFACE IN PAVING SCOPE OF WORK AREAS.

MATERIAL IS ARCHAEOLOGICALLY SIGNIFICANT AND ADDITIONAL MITIGATION IS REQUIRED.

- 28. CONTRACTOR SHALL HIRE A LICENSED SURVEYOR TO STAKE ALL CATCH BASINS, STORM DRAIN PIPE, SAW—CUT LINES, BUILDING PADS, FINISH FLOORS, SWALES AND GRADE BREAKS. TWO STAKES SHALL BE PROVIDED FOR ALL CATCH BASINS.
- 29. IN ORDER TO MITIGATE THE IMPACTS ON CULTURAL RESOURCES OR LANDSCAPING, IF CULTURAL MATERIAL SUGGESTIVE OF PREHISTORIC OR HISTORIC ORIGIN IS ENCOUNTERED, WORK IN THE VICINITY OF THE FIND SHALL BE STOPPED, AND THE OWNER SHALL BE NOTIFIED. GRADING, CONSTRUCTION OR LANDSCAPING SHALL NOT RESUME UNTIL THE FIND IS EVALUATED AND IT IS DETERMINED WHETHER THE
- 30. NO PERSON SHALL, WHEN HAULING ANY EARTH, SAND, GRAVEL, ROCK, STONE OR OTHER EXCAVATED MATERIAL OR DEBRIS OVER ANY PUBLIC STREET, ALLEY OR OTHER PUBLIC PLACE, ALLOW SUCH MATERIAL TO BLOW OR SPILL OVER UPON SUCH STREET, ALLEY OR PUBLIC PLACE OR ADJACENT PRIVATE PROPERTY OR ANY WATER BODIES. CREEKS OR STREAMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP AND REMOVAL OF ANY CONSTRUCTION OR SOILS MATERIALS DEPOSITED ON THE PUBLIC RIGHT-OF-WAY, PUBLIC WATERS OR ADJACENT PRIVATE PROPERTY.

# GENERAL NOTES TO CONTRACTOR

- 1. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7-10. PUBLIC CONVENIENCE AND SAFETY, OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), IN REGARDS TO SAFETY ORDERS.
- 2. SCOPE OF WORK:
- A. PROVIDE ALL LABOR, SUPERVISION, MATERIALS, EQUIPMENT & FACILITIES NECESSARY TO FURNISH, FABRICATE, DELIVER, STORE AND
- B. THE CONTRACTOR SHALL FURNISH & INSTALL ALL WORK NECESSARY TO MAKE A COMPLETE SYSTEM WHETHER OR NOT SUCH DETAILS ARE MENTIONED IN THESE SPECIFICATIONS OR SHOWN ON THE PLANS, BUT WHICH ARE OBVIOUSLY NECESSARY TO MAKE A COMPLETE SYSTEM. EXCEPTING ONLY THOSE PORTIONS THAT ARE SPECIFICALLY MENTIONED HEREIN OR PLAINLY MARKED ON THE ACCOMPANYING DRAWINGS AS BEING INSTALLED UNDER ANOTHER SECTION OF THE SPECIFICATION.
- 3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY AVAILABLE SPACES FOR INSTALLING THE WORK.
- COORDINATION: THE DRAWINGS ARE DIAGRAMMATIC & INTENDED TO SHOW SCOPE. CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES TO PROVIDE BEST ARRANGEMENT OF ALL DUCT, PIPES, CONDUIT, ETC.
- WORKMANSHIP: THE WORK SHALL BE ACCOMPLISHED BY THE USE OF COMPETENT MECHANICS SKILLED IN THEIR TRADE. THE ENGINEER AND ARCHITECT SHALL HAVE THE RIGHT TO INTERPRET COMPLIANCE OF WORKMANSHIP WITH THE CONTRACT DOCUMENTS.
- MATERIALS: ALL MATERIALS, APPLIANCES & EQUIPMENT SHALL BE NEW & THE BEST OF THEIR RESPECTIVE KIND. FREE FROM ALL DEFECTS AND OF THE MAKE, BRAND, AND QUANTITY SPECIFIED.
- CLEAN-UP: UPON COMPLETION OF THE WORK UNDER THIS SECTION THE CONTRACTOR SHALL REMOVE ALL SURPLUS MATERIALS. EQUIPMENT & DEBRIS INCIDENTAL TO THIS WORK & LEAVE THE PREMISES CLEAN AND ORDERLY TO THE SATISFACTION OF THE ARCHITECT / OWNER.

# STORM WATER POLLUTION CONTROL NOTES:

- 1. APPROPRIATE BMP'S FOR CONSTRUCTION-RELATED MATERIALS, WASTE, SPILLS OR RESIDUES SHALL BE IMPLEMENTED AND RETAINED ON SITE TO MINIMIZE TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES, OR ADJOINING PROPERTY BY WIND OR RUNOFF.
- 2. SEDIMENT FROM AREAS DISTURBED BY CONSTRUCTION SHALL BE RETAINED ON SITE USING STRUCTURAL CONTROLS TO THE MAXIMUM EXTENT PRACTICABLE.
- 3. STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO MINIMIZE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TACKING, OR WIND.
- 4. ALL REMOVABLE EROSION PROTECTIVE DEVICES SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 50%.
- 5. RUNOFF FROM EQUIPMENT AND VEHICLE WASHING SHALL BE CONTAINED AT CONSTRUCTION SITES UNLESS TREATED TO REDUCE OR REMOVE SEDIMENT AND OTHER POLLUTANTS.
- 6. ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.
- 7. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS.
- 8. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT AN ANTICIPATED STORM DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE DISCHARGES OF MATERIAL OTHER THAN STORMWATER ONLY WHEN NECESSARY FOR PERFORMANCE AND COMPLETION OF CONSTRUCTION PRACTICES AND WHERE THEY DO NOT: CAUSE OR CONTRIBUTE TO A VIOLATION OF ANY WATER QUALITY STANDARD; CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR NUISANCE; OR CONTAIN A HAZARDOUS SUBSTANCE IN A QUANTITY REPORTABLE UNDER FEDERAL REGULATIONS 40 CFR PARTS 117 AND 302.
- 9. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS: WASTES FROM PAINTS, STAINS, SEALANTS, GLUES, LIMES, PESTICIDES, HERBICIDES, WOOD PRESERVATIVES AND SOLVENTS; ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC. RADIATOR OR BATTERY FLUIDS: FERTILIZERS. VEHICLE / EQUIPMENT WASH WATER AND CONCRETE WASH WATER; CONCRETE, DETERGENT OR FLOATABLE WASTES: WASTES FROM ANY ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING AND SUPERCHLORINATED POTABLE WATER LINE FLUSHING. DURING CONSTRUCTION, PERMITTEE SHALL DISPOSE OF SUCH MATERIALS IN A WASHOUT BIN OR SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE PHYSICALLY SEPARATED FROM POTENTIAL STORMWATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL. STATE AND FEDERAL
- 10. DEWATERING OF CONTAMINATED GROUNDWATER, OR DISCHARGING CONTAMINATED SOILS VIA SURFACE EROSION IS PROHIBITED. DEWATERING OF NON-CONTAMINATED GROUNDWATER REQUIRES A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT FROM THE RESPECTIVE STATE REGIONAL WATER QUALITY CONTROL BOARD.
- 11. GRADED AREAS ON THE PERMITTED AREA PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPES AT THE CONCLUSION OF EACH WORKING DAY. DRAINAGE IS TO BE DIRECTED TOWARD DESILTING FACILITIES.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
- 13. THE CONTRACTOR SHALL INSPECT THE EROSION CONTROL WORK AND INSURE THAT THE WORK IS IN ACCORDANCE WITH THE APPROVED PLANS.
- 14. THE GENERAL CONTRACTOR SHALL NOTIFY ALL SUBCONTRACTORS & MATERIAL SUPPLIERS: THAT DUMPING OF CHEMICALS INTO THE STORM DRAIN SYSTEM OR THE WATERSHED
- 15. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.

THE FOLLOWING BMPs AS OUTLINED IN, BUT NOT LIMITED TO, THE STORMWATER BEST MANAGEMENT PRACTICE HANDBOOK, CONSTRUCTION, CALIFORNIA STORMWATER QUALITY ASSOCIATION, LATEST EDITION, MAY APPLY DURING CONSTRUCTION (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY INSPECTOR):

# NON-STORMWATER MANAGEMENT & MATERIAL MANAGEMENT BMPs

- NS-1 WATER CONSERVATION PRACTICES NS-2 - DEWATERING OPERATIONS NS-3 - PAVING AND GRINDING OPERATIONS NS-6 - ILLICIT CONNECTION/DISCHARGE NS-7 - POTABLE WATER/IRRIGATION NS-8 - VEHICLE AND EQUIPMENT CLEANING
- NS-10 VEHICLE AND EQUIPMENT MAINTENANCE NS-12 - CONCRETE CURING NS-13 - CONCRETE FINISHING NS-14 - MATERIAL AND EQUIPMENT USE WM-1 - MATERIAL DELIVERY AND STORAGE
- WM-2 MATERIAL USE WM-3 - STOCKPILE MANAGEMENT WM-4 - SPILL PREVENTION AND CONTROL WM-5 - SOLID WASTE MANAGEMENT
- WM-6 HAZARDOUS WASTE MANAGEMENT WM-7 - CONTAMINATED SOIL MANAGEMENT WM-8 - CONCRETE WASTE MANAGEMENT WM-9 - SANITARY/SEPTIC WASTE MANAGEMENT

WM-10 - LIQUID WASTE MANAGEMENT

EC-1 - SCHEDULING EC-2 - PRESERVATION OF EXISTING VEGETATION EC-7 - GEOTEXTILES & MATS EC-9 - EARTH DIKES AND DRAINAGE SWALES EC-11 - SLOPE DRAINS SE-1 - SILT FENCE SE-2 - SEDIMENT BASIN

EROSION & SEDIMENTAL CONTROL BMPs

- SE-3 SEDIMENT TRAP SE-4 - CHECK DAM SE-5 - FIBER ROLLS SE-6 - GRAVEL BAG BERM
- SE-7 STREET SWEEPING AND VACUUMING SE-8 - SANDBAG BARRIER SE-9 - STRAW BALE BARRIER SE-10 - STORM DRAIN INLET PROTECTION
- WE-1 WIND EROSION CONTROL TC-1 - STABILIZED CONSTRUCTION ENTRANCE/EXIT TC-2 - STABILIZED CONSTRUCTION ROADWAY TC-3 - ENTRANCE/OUTLET TIRE WASH

# HORIZONTAL CONTROL

AN AUTOCAD GEOMETRIC ELECTRONIC FILE SHALL BE MADE AVAILABLE TO THE CONTRACTOR UPON REQUEST FOR THE CONTRACTOR'S SURVEYOR TO LAYOUT THE CONSTRUCTION STAKING OF THE PROJECT. THE SURVEYOR OR CONTRACTOR WILL NEED TO SIGN A WAIVER FORM BEFORE RELEASE OF ANY CAD ELECTRONIC DRAWINGS.

# EXISTING UNDERGROUND STRUCTURES

THE LOCATIONS OF THE EXISTING UNDERGROUND UTILITIES, AS SHOWN ON THIS PLAN, WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID UTILITY INFORMATION. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE LOCATIONS OF SUCH UNDERGROUND UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK. CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO ANY EXCAVATION OR IMPROVEMENT. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN TO BE PROTECTED HEREON AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN HEREON.

NOTE TO CONTRACTOR: BEFORE GRADING OR TRENCHING OCCURS, THE CONTRACTOR SHALL COMPLETE HIS OWN UNDERGROUND UTILITY MAPPING SURVEY OF THE PROJECT SITE TO DETERMINE WERE EXISTING UTILITIES ARE AND WHERE POSSIBLE UNDERGROUND CONFLICTS MAY OCCUR.

EARTHWORK NOTICE TO CONTRACTOR: NO EARTHWORK ANALYSIS HAS BEEN COMPLETED WITH RESPECT TO VOLUMES OF SOILS TO BE EXCAVATED, PLACED, OR IMPORTED IN ORDER TO PROVIDE THE FINISHED GRADES SHOWN ON THE PLANS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING THE EARTHWORK QUANTITIES NECESSARY TO COMPLETE THE PROJECT.

# CONSTRUCTION STORM WATER NOTE:

GRADING WORK ASSOCIATED WITH THIS PROJECT WILL DISTURB LESS THAN 1 ACRE OF SOIL AND THUS SHALL NOT BE SUBJECT TO COMPLY WITH THE NPDES STORMWATER CONSTRUCTION GENERAL PERMIT 2009-0009-DWQ.

GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

# RRIGATION NOTE:

A WORKING IRRIGATION SYSTEM EXISTS ON THIS SITE. TAKE CARE TO NOT DAMAGE EXISTING IRRIGATION SYSTEM. REPAIR IRRIGATION CONTROL WIRES OR OTHER LOW VOLTAGE WIRES IN AREAS THAT ARE DAMAGED BY THE CONTRACTOR. REPAIR AND REPLACE BROKEN LINES AND EQUIPMENT DAMAGED DURING THE COURSE OF CONSTRUCTION. REPAIR MATERIALS SHALL BE AS THE SAME AS EXISTING MATERIAL OR AS REQUIRED BY THE ARCHITECT.

# DOMESTIC WATER GENERAL NOTES

- 1. WATER VALVE BOXES SHALL BE SET FLUSH WITH ULTIMATE FINISH SURFACE.
- AFTER PROJECT INSPECTOR HAS INSPECTED INSTALLATION, PERFORM CONNECTIONS TO SERVICING WATER LINES. SCHEDULE SERVICE SHUTDOWN FOR CONNECTING NEW SYSTEM AT A TIME CAUSING MINIMUM DISRUPTION.
- 3. WHEN WATER PIPING HAS BEEN INSTALLED AND PRESSURE TESTED, STERILIZE SYSTEM BEFORE USE AND/OR SUBSTANTIAL COMPLETION.
- FREE CHLORINE INTO A SYSTEM IN A MANNER TO ENSURE THAT ENTIRE SYSTEM IS COMPLETELY FILLED WITH SOLUTION. DURING THIS PROCEDURE OPERATE VALVES AND TEST OUTLETS FOR RESIDUAL CHLORINE. CONTINUE INJECTION UNTIL OUTLETS INDICATE AT LEAST 59 PPM OF FREE CHLORINE.
- PERFORM TESTS FOR RESIDUAL CHLORINE AFTER RETENTION. IF SUCH TESTS INDICATE LESS THAN 50 PPM OF THAN IN EXISTING WATER SUPPLY.
- PRESSURE TESTING: BEFORE PRESSURE TEST, FILL PORTION OF PIPING BEING TESTED WITH WATER FOR A MINIMUM OF 24 HOURS. PROVIDE HYDROSTATIC PRESSURE OF 50 PSI GREATER THAN THE MAXIMUM WORKING PRESSURE OF TESTED SYSTEM. PROVIDE AND MAINTAIN HYDROSTATIC TEST PRESSURE FOR AT LEAST 2 HOURS TO ENSURE NO LEAKAGE OF ANY PORTION OF PIPING OR APPURTENANCES UNDER PRESSURE TEST.

- 1. SANITARY SEWER PIPING SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE 2021 EDITION OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION — GREEN BOOK". AND THE 2019 CALIFORNIA PLUMBING CODE WITH AMENDMENTS.
- 2. CLEANOUT LIDS SHALL BE SET FLUSH WITH ULTIMATE FINISH GRADE. CLEANOUTS SHALL BE INSTALLED AS SHOWN ON THE PLANS AND IN ACCORDANCE TO SECTIONS 707 AND 719 OF THE 2019 CALIFORNIA
- 3. THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITY CROSSINGS AND
- 4. ALL SEWER MAINS, CLEANOUT, AND HOUSE CONNECTION LATERALS SHALL BE STAKED BY A LICENSED SURVEYOR IF SLOPE OF GRADE IS LESS THAN 2% AND A COMPLETE SET OF CUT SHEETS SHALL BE SUPPLIED TO THE INSPECTOR.
- BE TESTED AND CLEANED TO THE INSPECTORS APPROVAL BEFORE THEY ARE CONNECTED TO THE
- 8. AFTER PRESSURE TESTING AND CLEANING, BUT PRIOR TO FINAL ACCEPTANCE, SEWER LINES 4" AND ABOVE SHALL HAVE A VIDEOTAPE RECORD OF THEIR INTERIOR PERFORMED. TAPE SHALL BE DELIVERED TO THE INSPECTOR OF RECORD AT THE TIME OF TAPING.

	ABBREVIATIONS					
ABND	ABANDONED	МН	MANHOLE			
AC	ASPHALT PAVEMENT	NG	NATURAL GROUND			
ACP	ASBESTOS CEMENT PIPE (TRANSITE)	N.I.C.	NOT IN CONTRACT			
BLDG	BUILDING	P.C.C.	PORTLAND CEMENT CONRETE			
BC	BEGINNING OF CURVE	PL	PROPERTY LINE			
BW	BACK OF WALK	PIV	POST INDICATOR VALVE			
<del></del>	CENTERLINE	PP	POWER POLE			
CB	CATCH BASIN	RCE	REGISTERED CIVIL ENGINEER			
CF	CURB FACE HEIGHT	RR	RAILROAD			
CLF	CHAIN LINK FENCE	S	SLOPE			
CONC DCV	CONCRETE DETECTOR CHECK VALVE	SD	STORM DRAIN			
DESC	DESCRIBED	SDMH	STORM DRAIN MANHOLE			
D/W	DRIVEWAY	SL	STORM DRAIN MANHOLE STREET LIGHT			
DI	DROP INLET	SMH	SEWER MANHOLE			
EP	EDGE OF PAVEMENT					
EC	END OF CURVE	S.P.P.W.C.	STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (2021 EDITION).			
EX	EXISTING	S.S.P.W.C.	STANDARD SPECIFICATIONS FOR PUBLIC			
FDC	FIRE DEPARTMENT CONNECTION		WORKS CONSTRUCTION (GREEN BOOK),			
FH	FIRE HYDRANT		2021 EDITION			
FL	FLOWLINE	SW	SIDEWALK			
FS	FINISH SURFACE	TC	TOP OF CURB			
GA	GUY ANCHOR	TELE	TELEPHONE			
GB	GRADE BREAK	TG	TOP OF GRATE			
GP	GUARD POST	TCO	TOP OF CLEANOUT			
GV	GAS VALVE	TS	TRAFFIC SIGN			
HB	HOSE BIBB	TW	TOP OF WALL			
HP	HIGH POINT	TYP.	TYPICAL			
ICV	IRRIGTION CONTROL VALVE	UDG	UNDERGROUND CONDUIT			
INV	INVERT	UTIL	UTILITY			
IP	IRON PIPE	WM	WATER METER			
L	LENGTH	WV	WATER VALVE			
LIP	LIP OF GUTTER	W VLT	WATER VAULT			
LP	LIGHT POLE	VIF	VERIFY IN FIELD			
LT&T	LEAD TACK AND TAG	VLT	VAULT			

## LEGEND SEWER MANHOLE OVERHANG POST —— 282.0—— EXISTING CONTOURS STORM DRAIN MANHOLE SIGN POST —— 282.0 —— NEW CONTOURS TELEPHONE MANHOLE (CV) IRRIGATION VALVE \* \* \* WIRF FFNCF FIRE HYDRANT ··· CHAIN LINK FENCE GRATE SEWER CLEANOUT BLOCK WALL CF CURB FACE WATER VALVE INV INVERT GAS VALVE WATER METER FLOW DIRECTION GAS METER FS FINISHED SURFACE WATER VAULT FF FINISHED FLOOR GAS VAULT w — NEW DOMESTIC WATER TELEPHONE VAULT s ————— = NEW SANITARY SEWER E ELECTRIC VAULT - = (E)DOMESTIC WATERWELL - = (E)SANITARY SEWERELECTRIC PULLBOX →—— GUY WIRE -∰ LIGHT

4. INJECT SOLUTION OF LIQUID CHLORINE OR SODIUM HYPOCHLORITE AND WATER CONTAINING AT LEAST 50 PPM OF

- AFTER INJECTION, ISOLATE SYSTEM AND HOLD SOLUTION IN RETENTION FOR A PERIOD OF AT LEAST 8 HOURS.
- RESIDUAL CHLORINE, REPEAT ENTIRE PROCEDURE. AFTER SATISFACTORY STERILIZATION HAS BEEN VERIFIED, FLUSH ENTIRE SYSTEM UNTIL TRACES OF CHLORINE HAVE BEEN REMOVED OR UNTIL CHLORINE CONTENT IS NO GREATER

# SANITARY SEWER GENERAL NOTES

- PLUMBING CODE.
- POINTS OF CONNECTION TO THE EXISTING SEWER SYSTEM PRIOR TO CONSTRUCTION OF THE SEWER LINES.
- 5. NO TRENCHES ARE TO BE BACKFILLED UNTIL INSPECTED BY THE INSPECTOR.
- 6. IN ORDER TO PREVENT ACCIDENTAL USE OF THE NEW SEWER PRIOR TO COMPLETION AND ACCEPTANCE OF THE WORK. THE OUTLET OR INLET TO EXISTING TIE-IN CLEANOUT(S) SHALL BE SEALED WITH BROKEN BRICK AND MORTAR. INSTALLATION OF THESE PLUGS SHALL BE APPROVED BY THE INSPECTOR. PLUGS SHALL BE REMOVED ONLY AT THE DIRECTION OF INSPECTOR.
- 7. NEW SEWER LINES SHALL NOT BE CONNECTED TO THE EXISTING SEWER SYSTEM UNTIL THE NEW LINES HAVE BEEN TESTED PER SECTION 712.0 OF THE 2019 CALIFORNIA PLUMBING CODE. THE LINES SHALL

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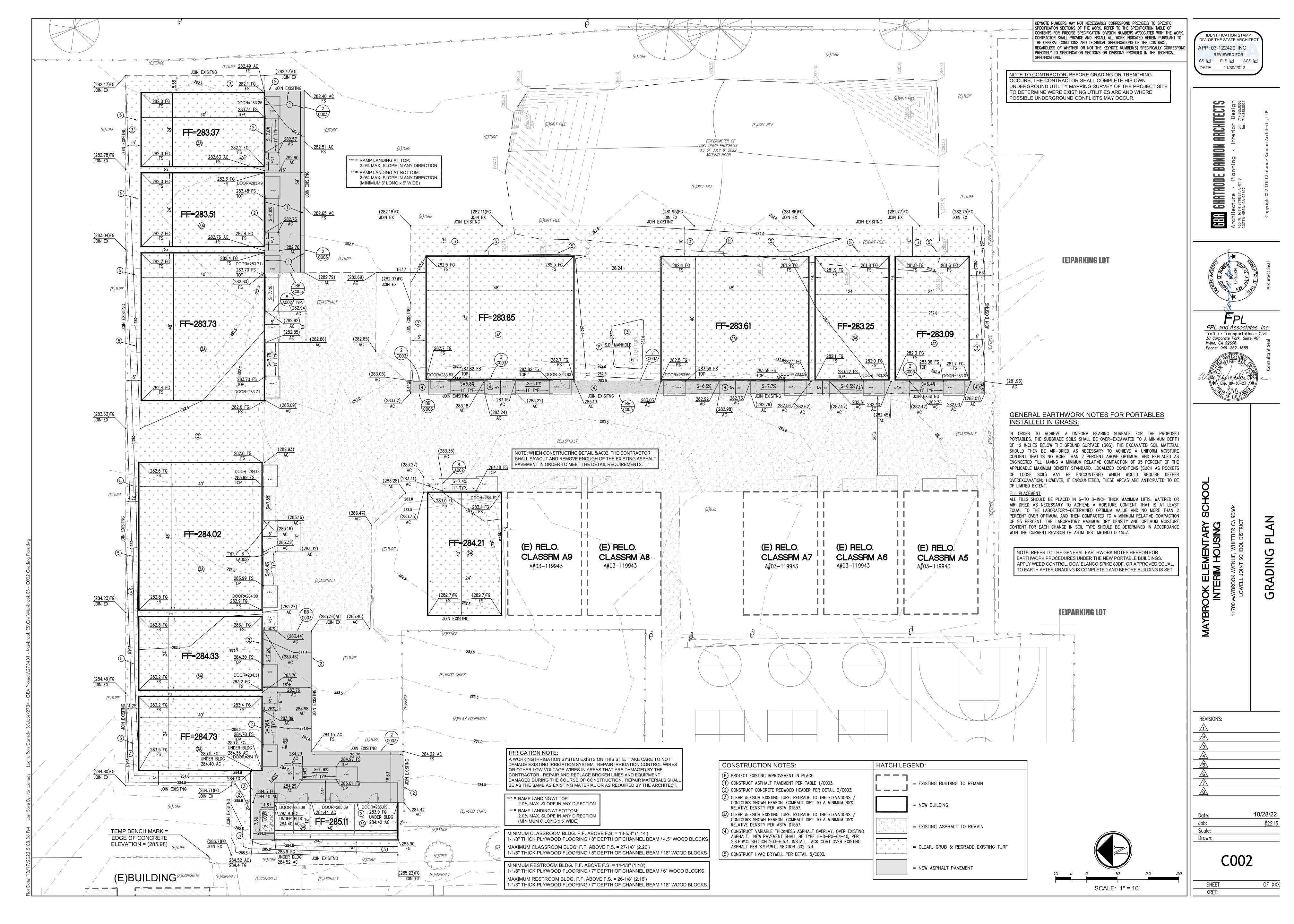
SHEET OF XXX XRFF:

10/28/22

**REVISIONS:** 

Scale:

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KEYNOTE NUMBERS MAY NOT NECESSARILY CORRESPOND PRECISELY TO SPECIFIC SPECIFICATION SECTIONS OF THE WORK. REFER TO THE SPECIFICATION TABLE OF CONTENTS FOR PRECISE SPECIFICATION DIVISION NUMBERS ASSOCIATED WITH THE WORK. CONTRACTOR SHALL PROVIDE AND INSTALL ALL WORK INDICATED HEREIN PURSUANT TO THE GENERAL CONDITIONS AND TECHNICAL SPECIFICATIONS OF THE CONTRACT, REGARDLESS OF WHETHER OR NOT THE KEYNOTE NUMBER(S) SPECIFICALLY CORRESPOND PRECISELY TO SPECIFICATION SECTIONS OR DIVISIONS PROVIDED IN THE TECHNICAL SPECIFICATIONS.

TRENCH EXCAVATION, BEDDING, & BACKFILL NOTES:

EXCAVATION NOTE: THE 2019 CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS (CAL/OSHA) WILL REQUIRE A PERMIT FOR THE CONSTRUCTION OF TRENCHES OR EXCAVATIONS WHICH ARE FIVE (5) FEET OR DEEPER AND INTO WHICH A PERSON IS REQUIRED TO DESCEND. FOR PERMIT PURPOSES, "DESCEND" MEANS TO ENTER ANY PART OF THE TRENCH OR EXCAVATION ONCE THE EXCAVATION HAS ATTAINED A DEPTH OF 5 FEET OR MORE. FOR REGULATIONS RELATING TO PERMITS FOR EXCAVATIONS AND TRENCHES, REFER TO THE CALIFORNIA CODE OF REGULATIONS TITLE 8, CHAPTER 3.2, ARTICLE 2, SECTION 341 OF THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS (CAL/OSHA)

THE CONTRACTOR SHALL SUBMIT A DETAIL SHOWING THE DESIGN OR SHORING; BRACING SLOPING OR OTHER PROVISIONS TO BE MADE FOR WORKER PROTECTION FROM THE HAZARDS OF CAVING GROUND DURING THE EXCAVATION. THE PLAN SUBMITTED SHALL BE SIGNED BY A REGISTERED CIVIL OR STRUCTURAL ENGINEER CERTIFIED THAT THE PLAN COMPLIES WITH ALL OSHA CONSTRUCTION SAFETY ORDERS.

BEDDING MATERIAL SHALL BE COARSE SAND WITH SAND EQUIVALENT OF 30 OR GREATER. NO ANGULAR STONES OR PEA GRAVELS WILL BE ALLOWED IN PIPE BEDDING.

COMPACTION METHODS: ALL BEDDING & BACKFILL COMPACTION SHALL BE BY HAND-OPERATED, PLATE-TYPE, VIBRATORY. OR OTHER SUITABLE HAND-TAMPERS IN AREAS NOT ACCESSIBLE TO LARGER ROLLERS OR COMPACTERS. EXTREME CARE SHALL BE TAKEN TO AVOID DAMAGE TO CONDUITS, PIPES, AND ANY APPURTENANCES. WATER DENSIFICATION BY INUNDATION OR JETTING SHALL NOT BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL FROM CIVIL ENGINEER.

SHEETING: WHEN EXCAVATION DEPTHS OR SOIL CONDITIONS REQUIRE SHORING OR USE OF A TRENCH BOX, THE BOTTOM OF THE SHORING OR TRENCH BOX SHOULD BE PLACED NO LOWER THEN THE TOP OF THE PIPE. THIS PREVENTS DISRUPTION OF THE BACKFILL ENVELOPE WHEN REMOVING THE SHORING OR TRENCH BOX. IF THIS PRACTICE CANNOT BE FOLLOWED, CONSIDERATION SHOULD BE GIVEN TO LEAVING THE SHORING IN PLACE.

# **GENERAL BACKFILL NOTES:**

EXCAVATED TRENCH MATERIAL TO BE INSTALLED FOR BACKFILLING SHALL BE CLEAN, FREE OF LARGE CLODS AND STONES LARGER THAN 3-INCHES IN ANY DIMENSION. INSTALL BACKFILL MATERIALS IN LAYERS NOT TO EXCEED 8 TO 10-INCHES IN THICKNESS AND COMPACT TO A MINIMUM 90% OF THE MAXIMUM DENSITY. IN LIEU OF USING NATIVE MATERIAL IN PAVED AREAS, THE USE OF A SLURRY BACKFILL MAY BE SUBSTITUTED. SAND SLURRY SHALL CONSIST OF 1 SACK PORTLAND CEMENT (CLASS 100-E-100) PER CUBIC YARD OF SAND SLURRY MIX. THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ANY EXCESS BACKFILL MATERIAL FROM THE SITE.

WARNING TAPE NOTES (POTABLE WATER):

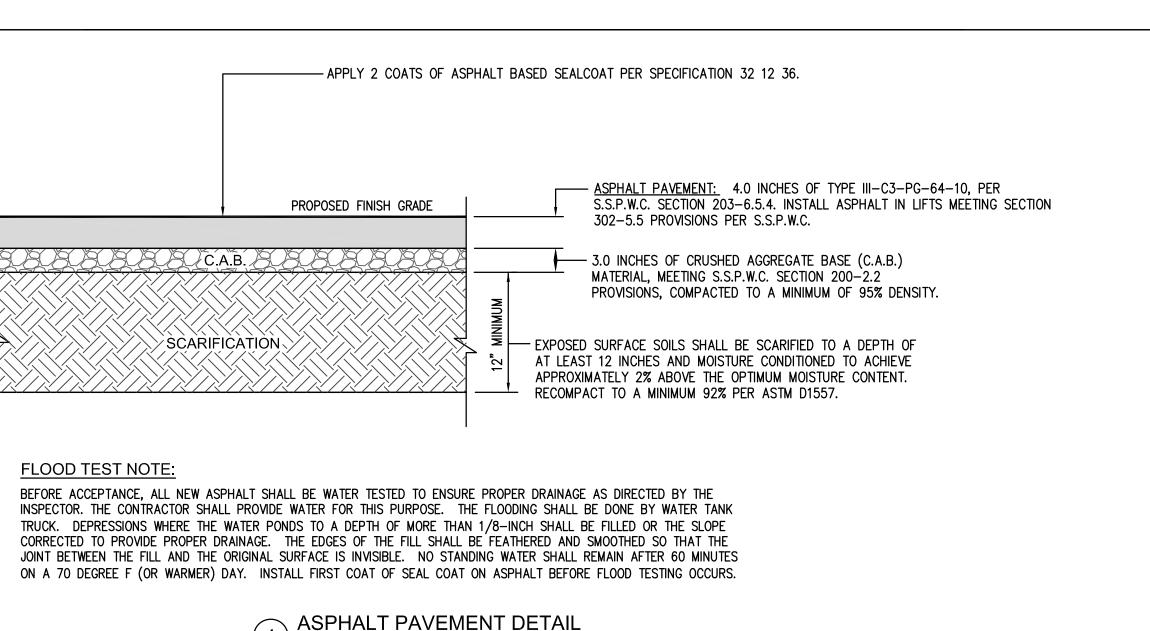
A METALLIC LINED TAPED FOR UNDERGROUND PIPES, MARKED "CAUTION BURIED WATER LINE BELOW", IN POLYETHYLENE FILM COLOR BLUE, INSTALLED ABOVE PIPE, MINIMUM 2" WIDE.

WARNING TAPE NOTES (SANITARY SEWER)

A METALLIC LINED TAPED FOR UNDERGROUND PIPES, MARKED "CAUTION BURIED SEWER LINE BELOW", IN POLYETHYLENE FILM COLOR GREEN, INSTALLED ABOVE PIPE, 6" WIDE.

# TRACER WIRE NOTES:

COPPER TRACER WIRE SHALL BE INSTALLED ON ALL NON-METALLIC PIPELINES, 2" AND GREATER, JUST ABOVE THE HORIZONTAL CENTERLINE OF THE PIPE. THE COPPER WIRE SHALL BE TYPE THWN #12 AWG GAUGE FOR SEWER, STORM & POTABLE WATER, #14 AWG GAUGE FOR IRRIGATION PIPES AND #18 AWG GAUGE FOR POLYETHYLENE GAS LINES. ALL TRÄCER WIRE SHALL HAVE HEAT AND MOISTURE RESISTANT INSULATION.



----- LEAD FREE FULL PORT BRONZE BALL VALVE SHALL

UP8303A/UP8513, MILWAUKEE UPBA400S/

UPBA450S, OR EQUAL.

 $\Rightarrow$ 

SHUT-OFF VALVE IN YARDBOX

NOT TO SCALE

TOP OF FINISHED —

TURF/LANDSCAPE ——

 $\Rightarrow$ 

SURFACE

SCH. 80 PVC PIPE 6"MIN.

6" THICK OF 3/8" WASHED

BE NIBCO T-685-66-LF/S-685-66-LF, HAMMOND

\_6"MIN.

BRICK SUPPORT, 4 PER BOX

PARTS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION.

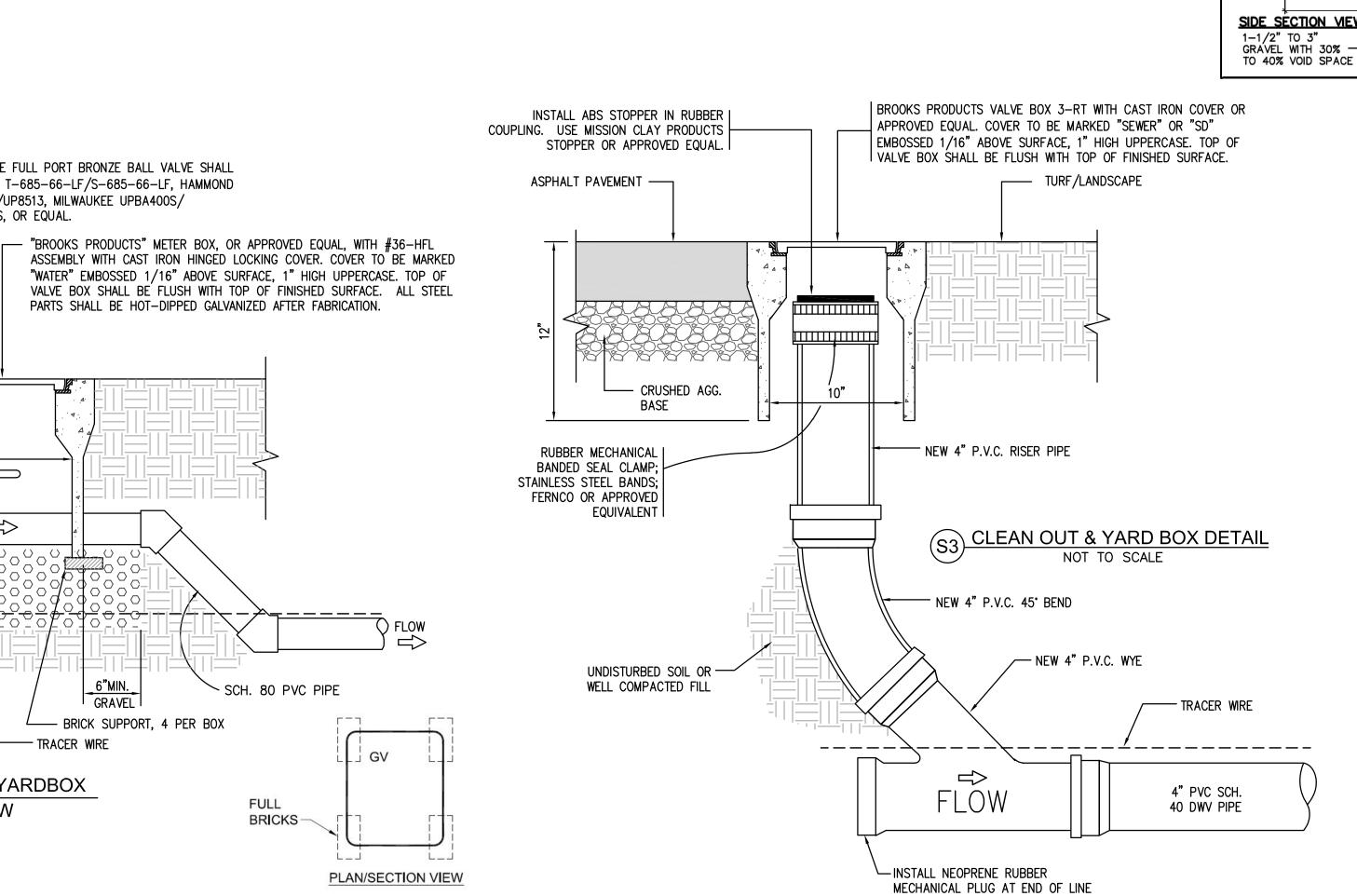
SCH. 80 PVC PIPE

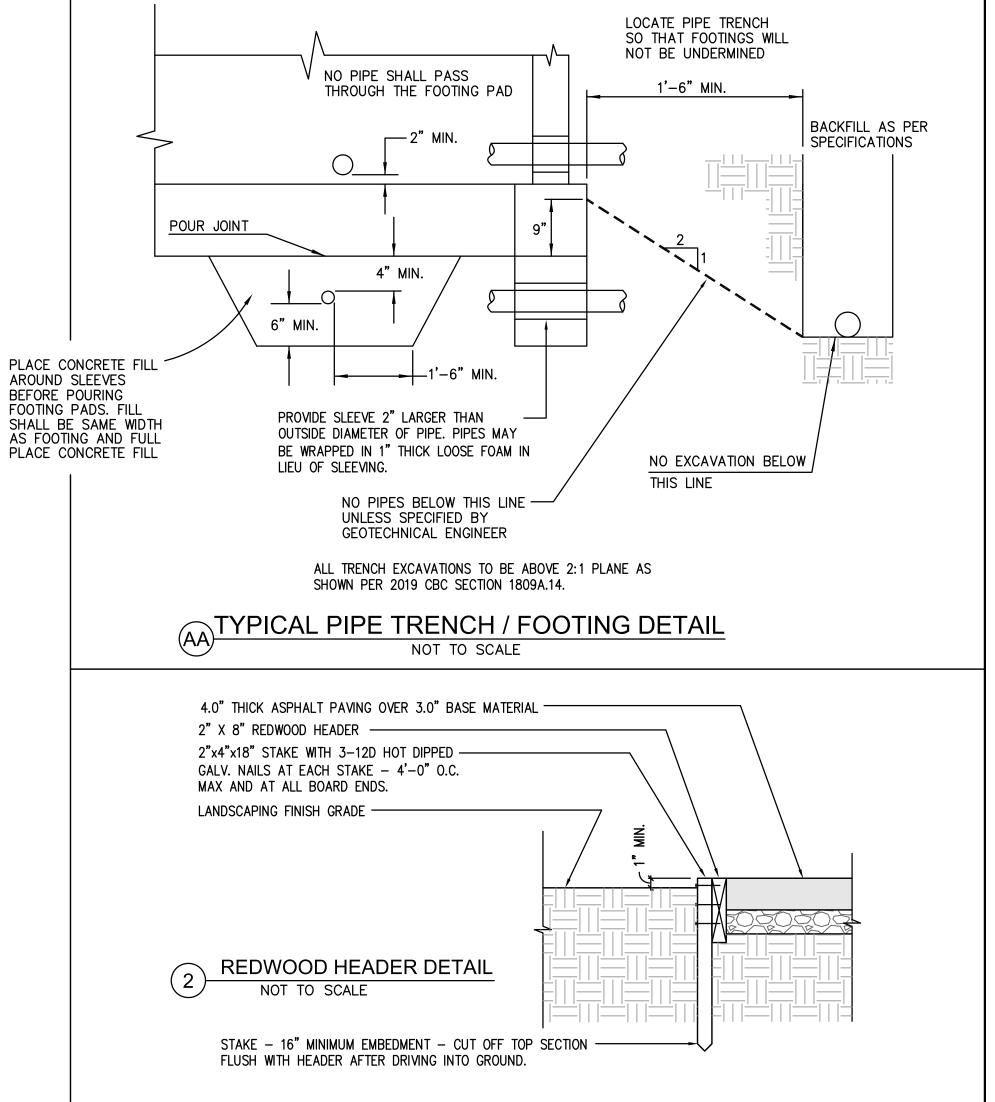
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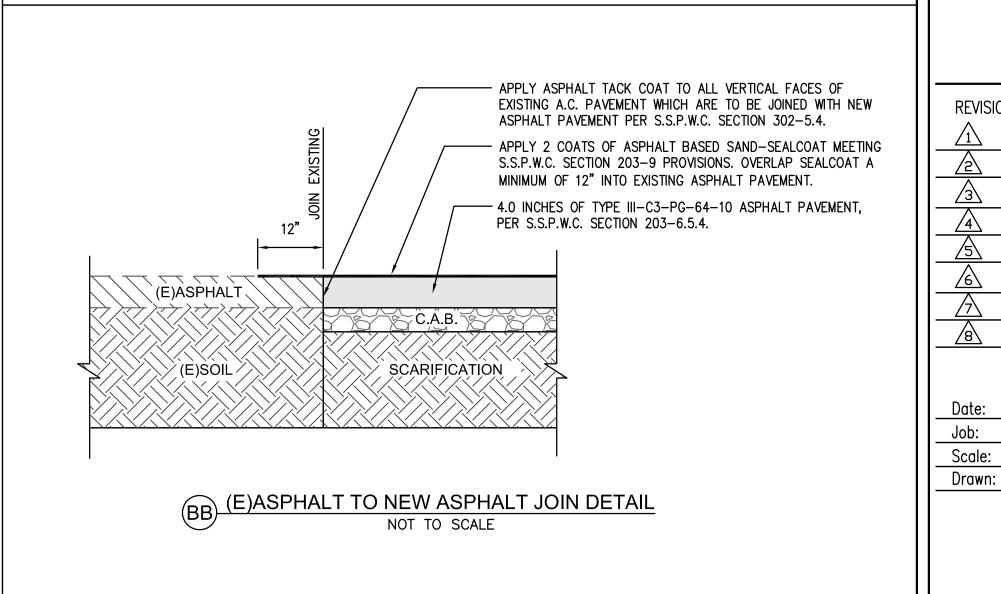
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SAW CUT EXISTING PAVEMENT AS REQUIRED FOR DRYWELL & CONDENSATE DRAIN INSTALLATION, PATCH TO MATCH EXISTING PAVEMENT OR GROUND AFTER THE INSTALLATION — CĎ , CĎ TOP SECTION VIEW CONDENSATE DRAIN PIPE-COVER SECURED COVER, EXTRA HEAVY-DUTY, ADJUSTABLE SLEEVE, CUT-OFF FERULE. BRASS APPROVED TYPE PLUG, SCORIATED TRACTOR MINIMUM 2X' EXTERIOR WALL TYPE COVER, INSTALL 1" CONDENSATE DRAIN PIPE, ATTACHED ON THE FACE OF THE BUILDING FLUSH TO GRADE ----30"X30"X6" THICK CONCRETE COLLAR, EXTEND 2" CONDENSATE DRAIN REINFORCED BY 4"X4" PIPE-COVER ----WELDED 12 GAUGE GALVANIZED WIRE MESH-PATCH AND SEAL TO MATCH EXISTING GRADE FINISH GRADE-DRILL PIPE FOR 1" CD PIPE, EXTEND CD 2" CD MIN. 2% SLOPE 8" DIA. PERFORATED PVC SCHEDULE 40 PIPE -1/4" HOLES 3"O.C. @ 90° —EXTERIOR WALL BUILDING FOOTING - PACK WITH PEA GRAVEL TRENCHING NOTE: TRENCHING FOR DRYWELLS SHALL COMPLY WITH TYPICAL PIPE TRENCH/FOOTING DETAIL 'AA' HEREON. CONDENSATE DRYWELL DETAIL NOT TO SCALE SIDE SECTION VIEW -WRAP GRAVEL AND PERFORATED 1-1/2" TO 3"
GRAVEL WITH 30% —
TO 40% VOID SPACE PIPE WITH FILTER FABRIC (MIRAFI 140N OR APPROVED EQUAL).







IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 03-122420 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 DATE: <u>11/30/2022</u>

> **ARCHITECTS** BANNON GHATAODE 8

FPL and Associates, Inc. Traffic • Transportation • Civil 30 Corporate Park, Suite 401 Irvine, CA 92606 Phone: 949-252-1688

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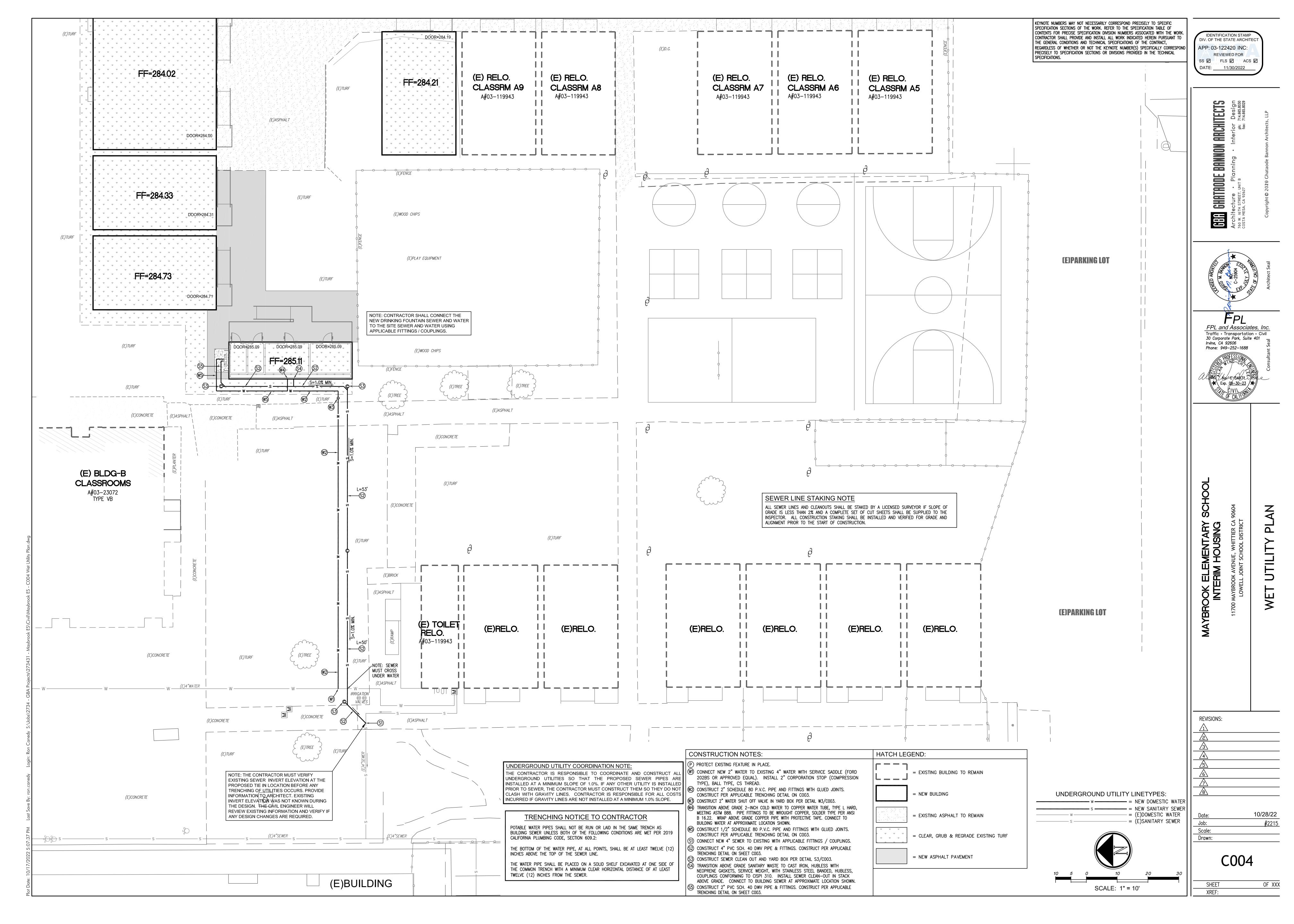
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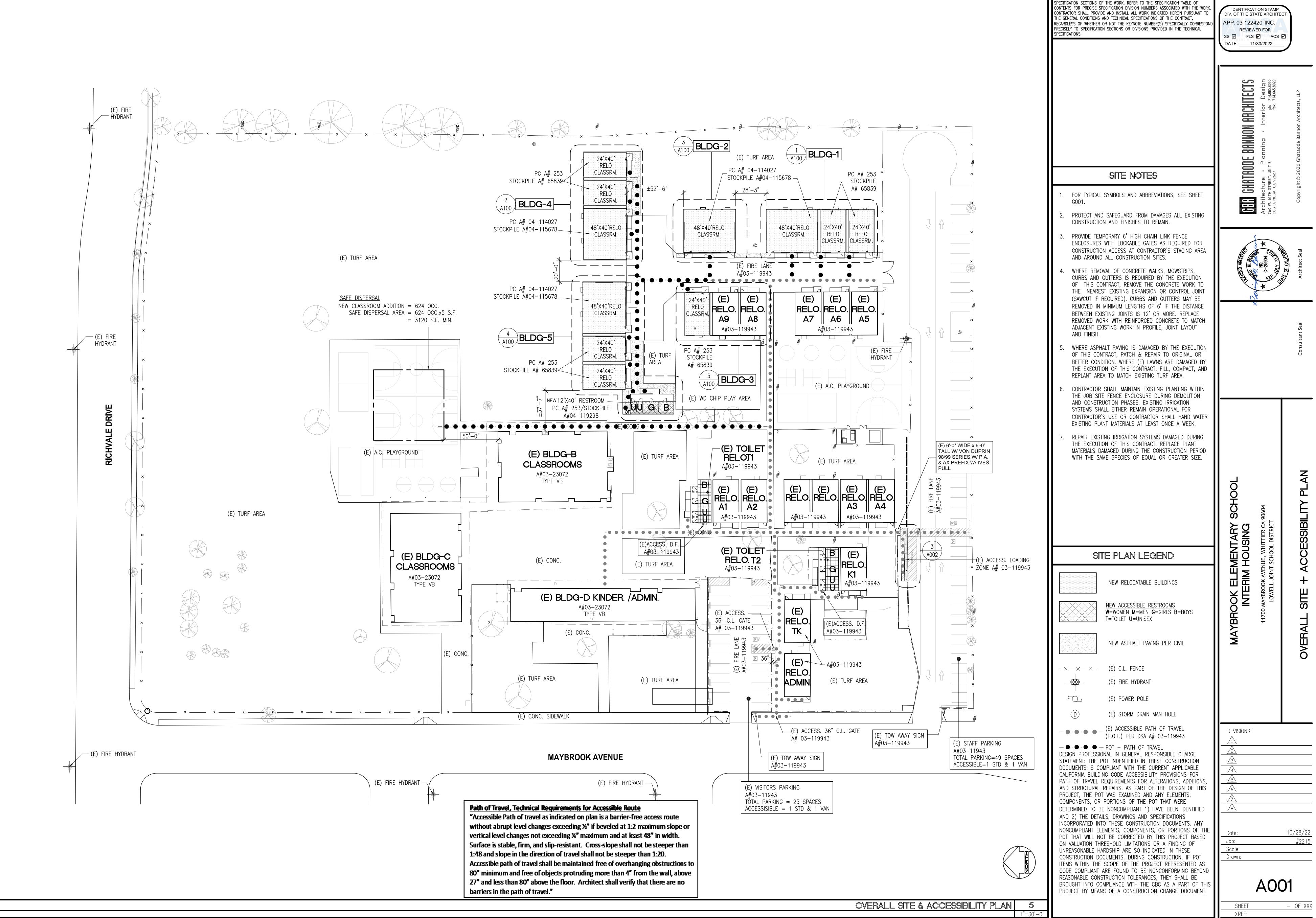
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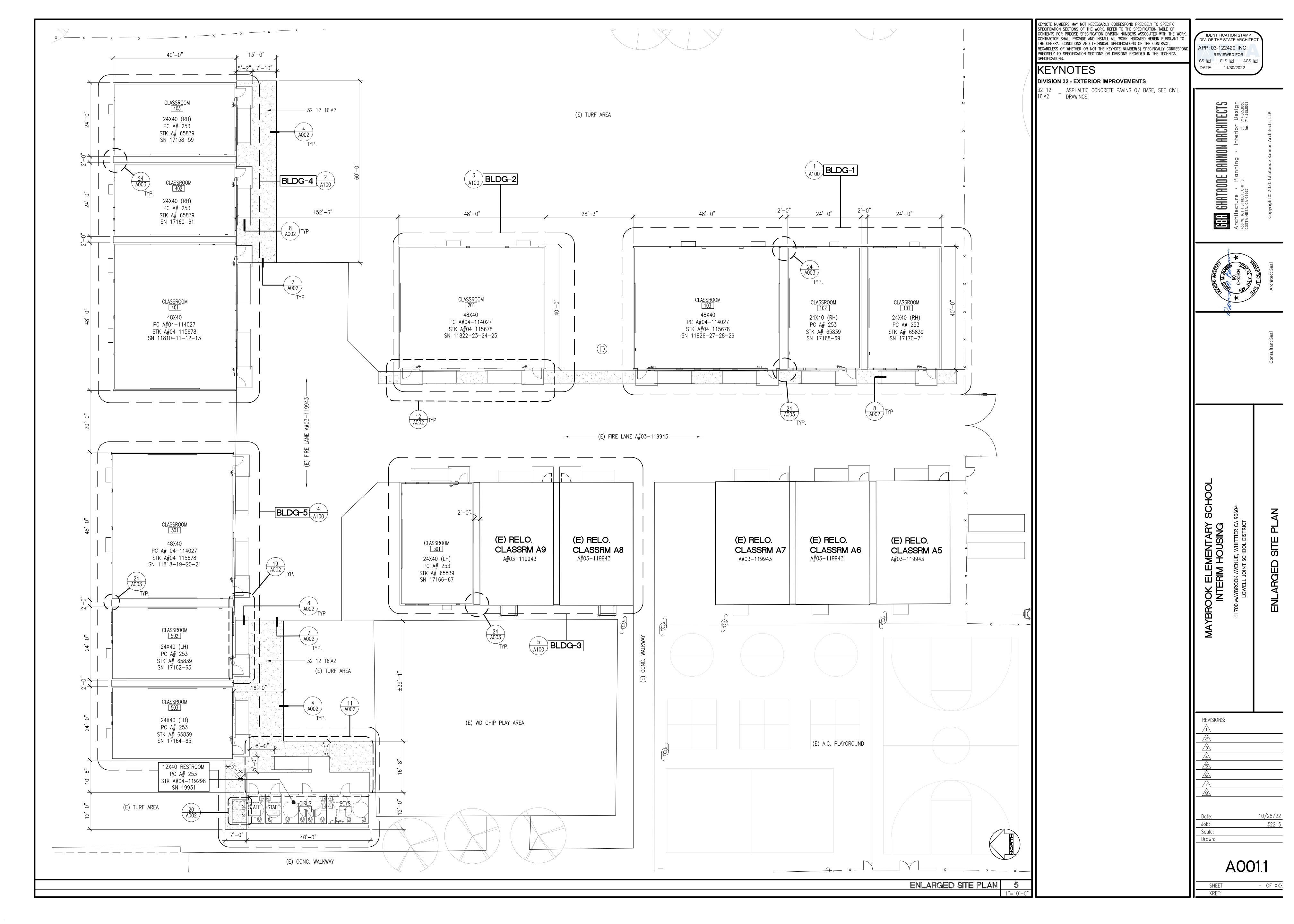
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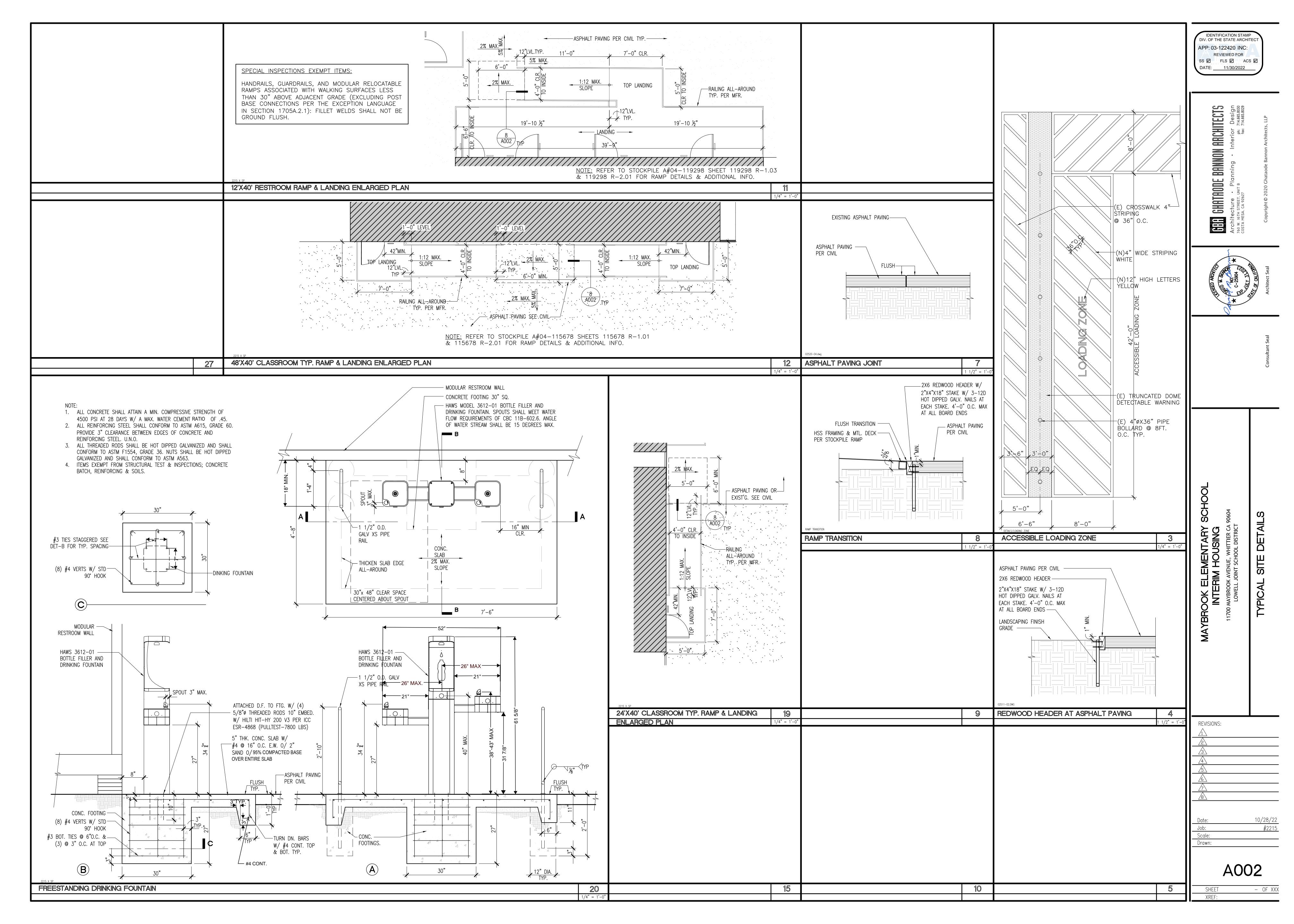
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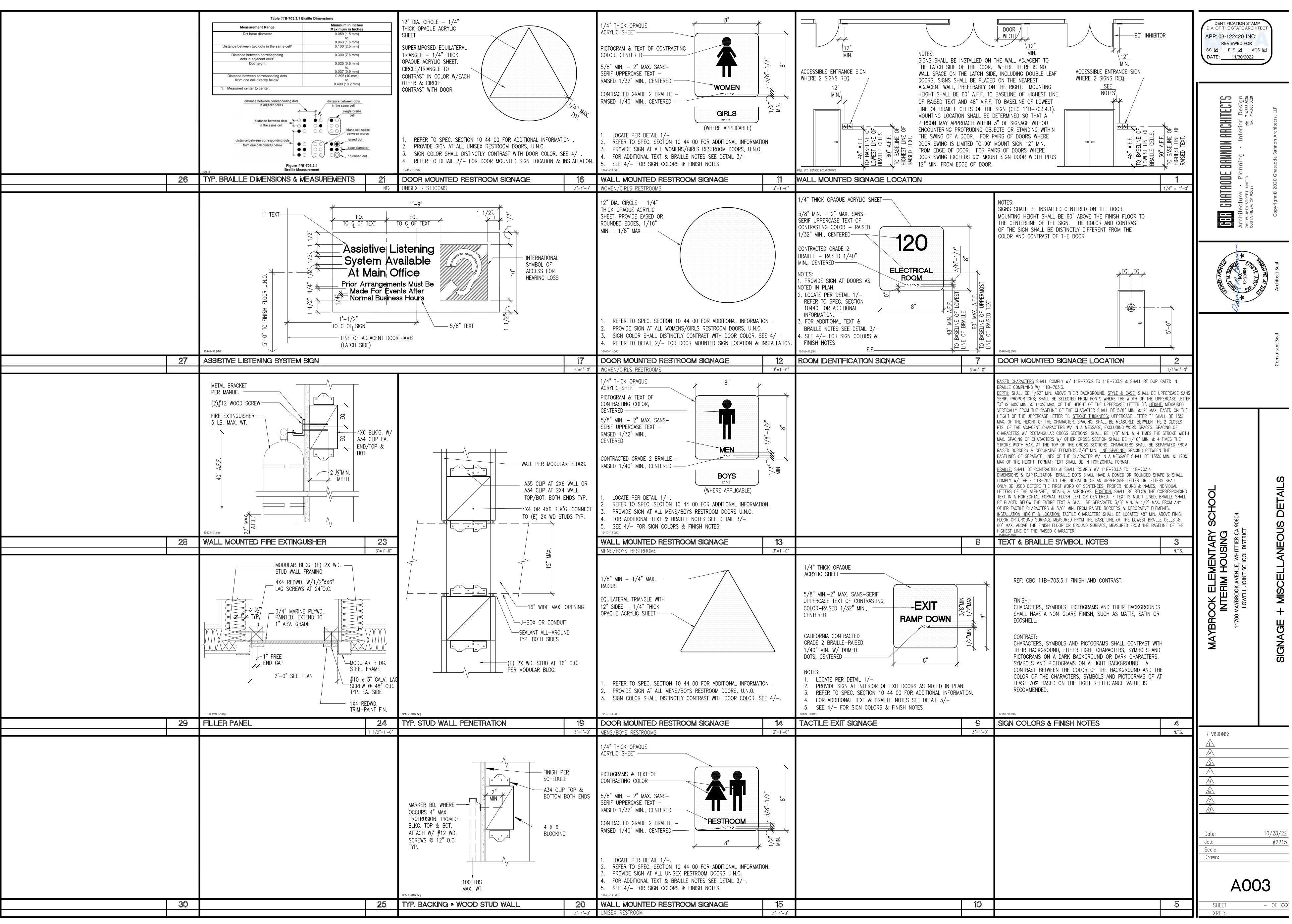


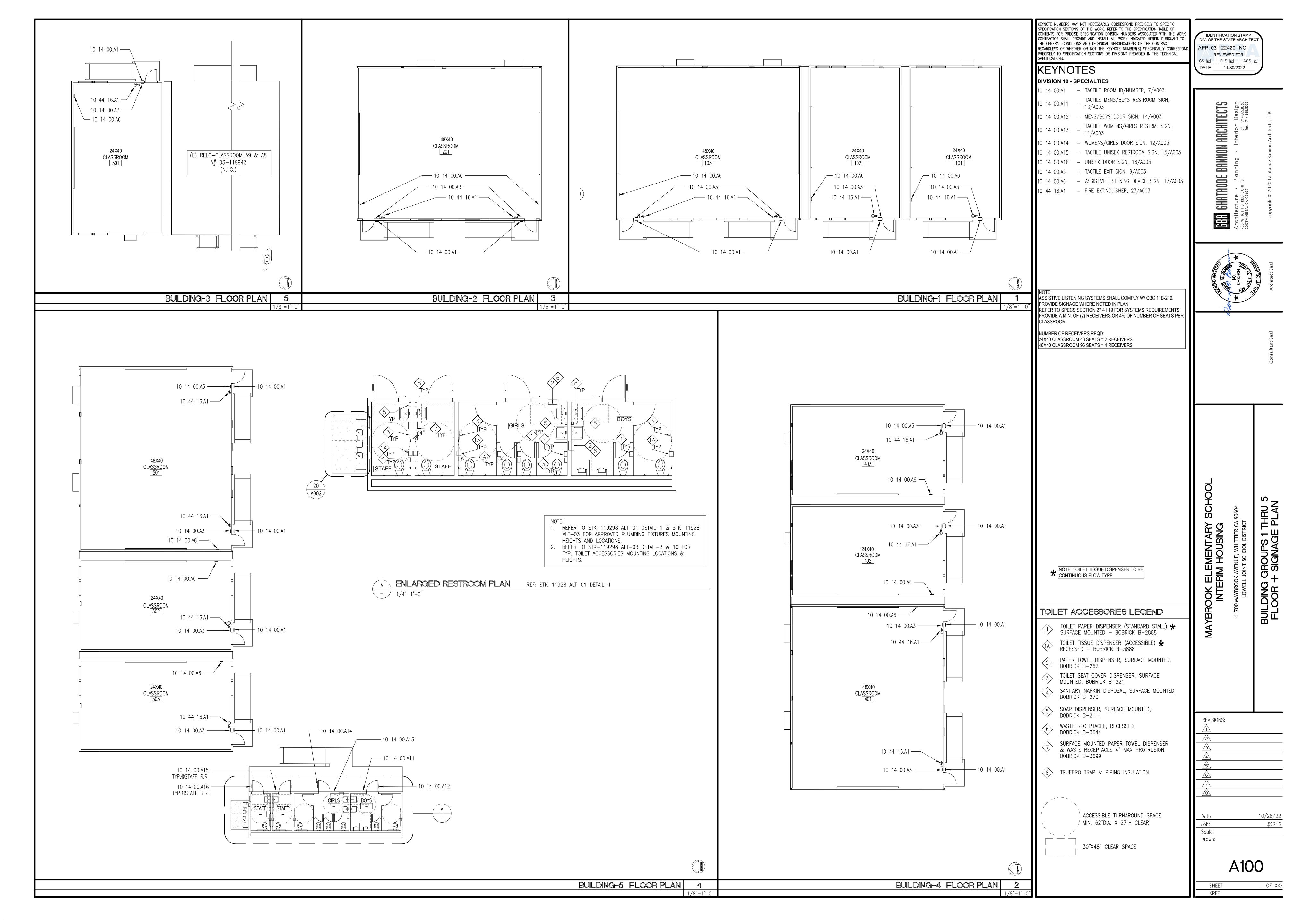


KEYNOTE NUMBERS MAY NOT NECESSARILY CORRESPOND PRECISELY TO SPECIFIC









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PECIFICATIONS

DIV. OF THE STATE ARCHITEC SS 🗹 FLS 🗹 ACS 🗹 DATE: <u>11/30/2022</u>

> RCHITECT 8 GHATAODE

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**FBA** Engineering

Costa Mesa, CA 92626 949.852.9995 ◆ 949.852.1657 (fax) FBA Job Number: 1075.01

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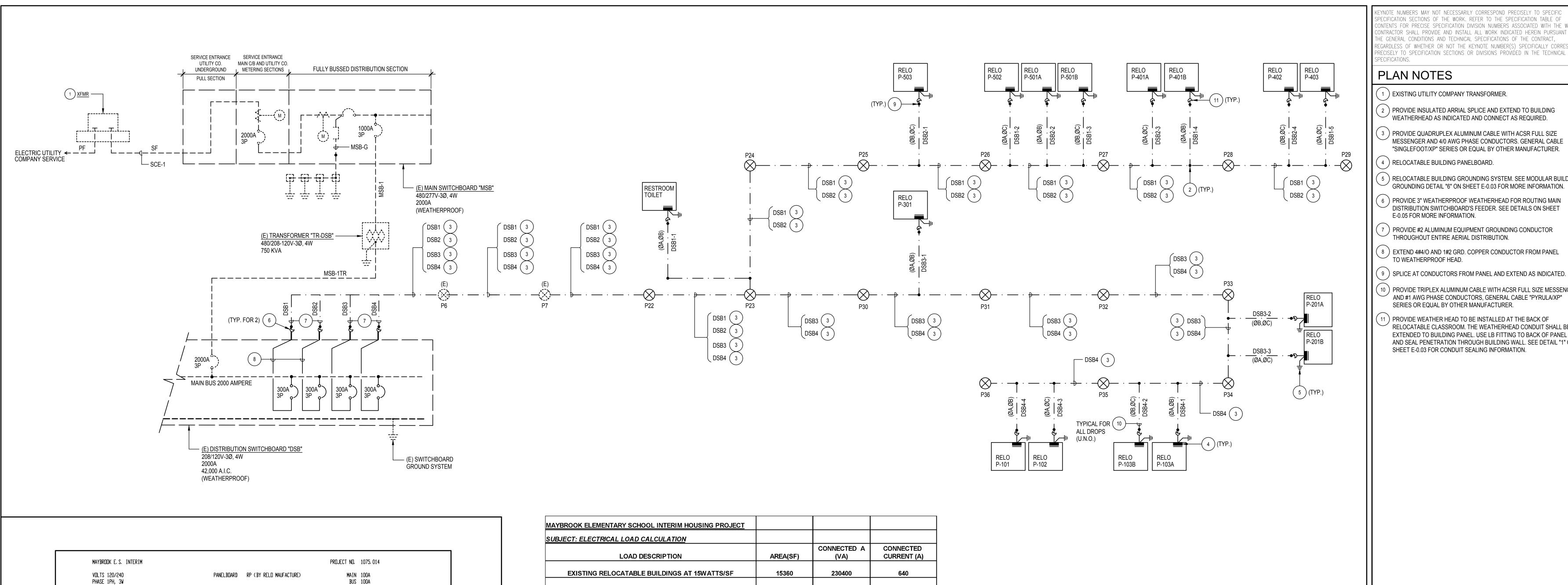
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# PLAN NOTES

) EXISTING UTILITY COMPANY TRANSFORMER.

PROVIDE INSULATED ARRIAL SPLICE AND EXTEND TO BUILDING WEATHERHEAD AS INDICATED AND CONNECT AS REQUIRED.

PROVIDE QUADRUPLEX ALUMINUM CABLE WITH ACSR FULL SIZE MESSENGER AND 4/0 AWG PHASE CONDUCTORS. GENERAL CABLE

RELOCATABLE BUILDING PANELBOARD.

RELOCATABLE BUILDING GROUNDING SYSTEM. SEE MODULAR BUILDING GROUNDING DETAIL "6" ON SHEET E-0.03 FOR MORE INFORMATION.

"SINGLEFOOT/XP" SERIES OR EQUAL BY OTHER MANUFACTURER.

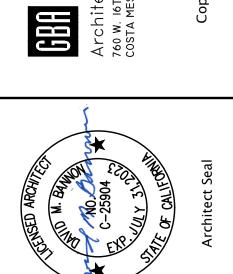
- PROVIDE 3" WEATHERPROOF WEATHERHEAD FOR ROUTING MAIN DISTRIBUTION SWITCHBOARD'S FEEDER. SEE DETAILS ON SHEET E-0.05 FOR MORE INFORMATION.
  - PROVIDE #2 ALUMINUM EQUIPMENT GROUNDING CONDUCTOR THROUGHOUT ENTIRE AERIAL DISTRIBUTION.
- 8 ) EXTEND 4#4/O AND 1#2 GRD. COPPER CONDUCTOR FROM PANEL
- TO WEATHERPROOF HEAD.
- 0 ) PROVIDE TRIPLEX ALUMINUM CABLE WITH ACSR FULL SIZE MESSENGER
- AND #1 AWG PHASE CONDUCTORS, GENERAL CABLE "PYRULA/XP" SERIES OR EQUAL BY OTHER MANUFACTURER. PROVIDE WEATHER HEAD TO BE INSTALLED AT THE BACK OF RELOCATABLE CLASSROOM. THE WEATHERHEAD CONDUIT SHALL BE

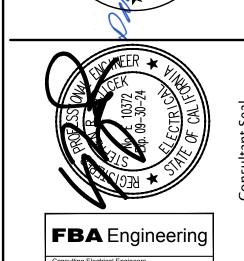
SHEET E-0.03 FOR CONDUIT SEALING INFORMATION.

EXTENDED TO BUILDING PANEL. USE LB FITTING TO BACK OF PANEL AND SEAL PENETRATION THROUGH BUILDING WALL. SEE DETAIL "1" ON

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 03-122420 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹

> **ARCHITECTS** BANNON GHATAODE





150 Paularino Avenue Suite A120 Costa Mesa, CA 92626 949.852.9995 ◆ 949.852.1657 (fax) FBA Job Number: 1075.014

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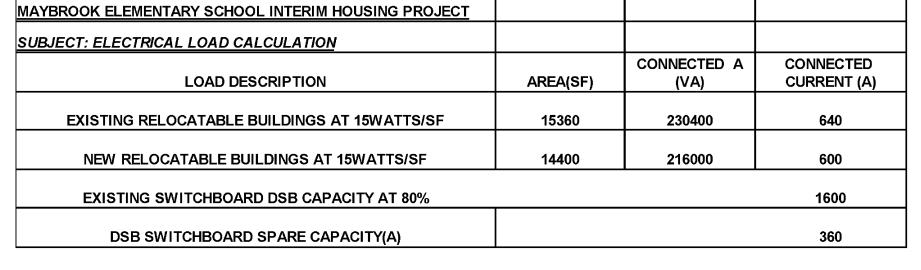
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MTG FLUSH

7 ---- 1000

CONNECTED:

VA AMPS PHASE A = 7497 62

PHASE B = 8054 67

TDTAL = 15551 65

<- LOAD (VA) -> LOAD OUTLET

CKT A B TYPE BKR QUAN DESCRIPTION

3 ---- 5290 M --- ---

5 43 ---- L 20/1 1 R-EXTERIOR LTG.

5290 ---- M 50/2 1 HVAC 3. 5 TDN

9 200 ---- G\*\*\* 20/1 1 \*\* ARS-1 (FA EXPANDER) 11 ---- 200 G\*\*\* 20/1 1 \*\* AMP-1 (FA AMPLIFIER)

\* - CIRCUIT DCCURS DNLY DN RELDS CLASSROOM 101, 402 AND 502.

\*\*\*- PROVIDE APPROVED CIRCUIT BREAKER LOCK-ON DEVICE, RED IN COLOR. LABEL "FIRE ALARM CONTROL CIRCUIT".

R - INDICATES THE CIRCUIT IS CONTROLLED BY RELAY OPERATED BY 7 DAY-24 HOURS TIMER.

\*\*- CIRCUIT DCCURS ONLY ON RELD CLASSROOM 103.

G 20/1 1 \* BUILDING IDF

INSTALL RELAY AND TIMER IN A SEPARATE COMPARTMENT ABOVE PANEL. MAYBROOK E.S. INTERIM PROJECT NO. 1075.014 VOLTS 120/240 PANELBOARD RRP (BY RELD MANUFACTURER) MAIN 100A BUS 100A PHASE 1PH, 3W LOCATION RESTROOM RELO BUILDING MTG FLUSH <- LOAD (VA) -> LOAD OUTLET <- LOAD (VA) -> LOAD OUTLET CKT A B TYPE BKR QUAN DESCRIPTION CKT A B TYPE BKR QUAN DESCRIPTION 720 ---- R 20/1 4 RECEPT. L 20/1 13 LTS. / EXHAUST FAN 4 ---- 1160 L 20/1 12 LTS. / EXHAUST FAN PROVISION ----------PROVISION PROVISION ----7 -----PROVISION B 8 -----PROVISION 9 -----A 10 -----PROVISION PROVISION PROVISION PROVISION 11 -----B 12 -----CONNECTED:

VA AMPS L. C. L. **@** 125% = 2750 RECEPT. ( > 10 kVA **@** 50%) = 720 PHASE A = 1760 15 G - GENERAL (100%) M - MOTOR (100%) L - L. C. L. (125%) M1 - MOTOR (125%) R - RECEPTACLE (50%) X - X-RAY (100%) KITCHEN € 65% = PHASE B = 1160 10 DTHER LOAD @ 100% = TDTAL VA = 3470 (10 kVA @ 100%) X1 - X-RAY ( 50%) TOTAL AMPS = 14 TOTAL = 2920 12 K - KITCHEN (65%)

PANEL SCHEDULES

LOCATION RELO BUILDING

L. C. L. @ 125% = 2339

□THER L□AD @ 100% = 12780

TDTAL VA = 16019

TOTAL AMPS = 67

RECEPT. ( > 10 kVA @ 50%) = 900

KITCHEN @ 65% =

B 4 ---- 964

A 6 900 ----

<- LOAD (VA) -> LOAD OUTLET

CKT A B TYPE BKR QUAN DESCRIPTION

L 20/1

LOAD TYPE:

K - KITCHEN ( 65%)

R 20/1 RECEPT.

B 8 ---- 600 G 20/1 RECEPT.
A 10 200 ---- G 20/1 \*\* STC (SIGNAL TERM. CABINET)

LIGHTS

PROVISION

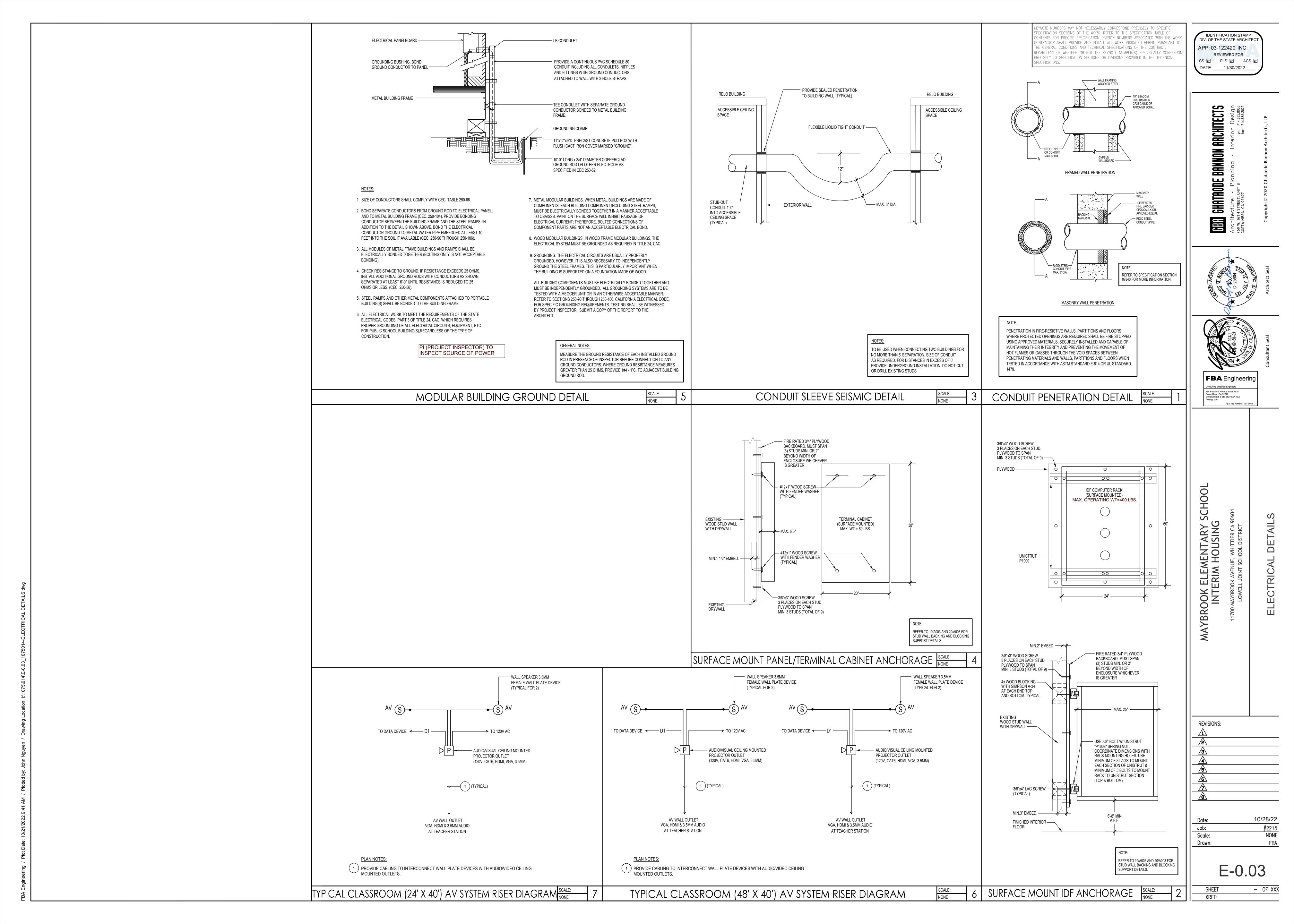
G - GENERAL (100%) M - MOTOR (100%)

L - L. C. L. (125%) M1 - MDTDR (125%)

R - RECEPTACLE ( 50%) X - X-RAY (100%) (10 kVA @ 100%) X1 - X-RAY ( 50%)

SINGLE LINE DIAGRAM

NONE



BACKBOX REQ.

BBCRRL

CSFM NO.#

NOTES

RESISTOR VALUE PER MANUFAC.

**REQUIREMENTS** 

AND SPECIFICATIONS, INCLUDING STATE FIRE MARSHAL LISTING NUMBERS FOR EACH

UPON COMPLETION OF THE INSTALLATION OF THE SYSTEMS, A SATISFACTORY TEST OF THE

ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF A DSA PROJECT INSPECTOR (PJ).

4. A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE

5. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS

SHALL BE BROUGHT TO THE ATTENTION OF DSA AND THE ARCHITECT/ENGINEER OF THE

DSA, ARCHITECT, ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR

BY AN APPROVED FIRE STOP SYSTEM AS IDENTIFIED IN CBC CHAPTER 7, UL OR OTHER LAB

8. WALL MOUNTED VISUAL NOTIFICATION DEVICES SHALL HAVE THEIR BOTTOMS MOUNTED AT 80"

9. WALL MOUNTED AUDIBLE NOTIFICATION DEVICES SHALL HAVE THEIR TOPS MOUNTED AT 90"

10. AUDIBLE DEVICES TO BE AT LEAST 15 DBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL BUT

12. THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO

13. VISUAL DEVICES SHOULD NOT EXCEED 2 FLASHES PER SECOND AND SHOULD NOT BE SLOWER

14. UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATERTIGHT FITTINGS AND WIRE LISTED

15. ALL FIRE ALARM WIRING SHALL BE FPL (FIRE POWER LIMITED) OR FPLP (FIRE POWER LIMITED

16. PER THE CEC, ALL WIRING IS TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTED

17. SMOKE DETECTORS SHALL NOT BE ANY CLOSER THAN 1' FOOT FROM FIRE SPRINKLERS OR

DAMAGE/CONTAMINATION COULD OCCUR ON NEWLY INSTALLED FIRE ALARM DEVICES,

18. ALL FIRE ALARM CIRCUITS SHALL BE IN CONDUIT, APPROVED SURFACE RACEWAY OR OPEN

LEAD WIRE FROM THE BOX TO THE DEVICE. ALL BOXES TO BE SIZED PER CEC.

19. FIRE ALARM PANEL REMOTES AND COMPONENTS SHALL BE SECURED TO MOUNTING

B. "EMERGENCY COMMUNICATIONS" FOR EMERGENCY COMMUNICATIONS SYSTEMS OR

C. "FIRE ALARM/ECS" FOR COMBINATION FIRE ALARM AND COMMUNICATIONS SYSTEMS.

20. A DEDICATED BRANCH CIRCUIT SHALL BE PROVIDED FOR FIRE ALARM EQUIPMENT. THIS

THAN 1 FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS

THAN 15-CANDELA. VISUAL DEVICES WITHIN 55' FROM EACH OTHER SHALL BE SYNCHRONIZED.

PLENUM) AS REQUIRED FOR APPLICATION. WIRING IN CONDUIT ABOVE GROUND MAY BE THHN

DIRECTLY TO EACH FIRE DEVICE. DO NOT SPLICE THE WIRE. THERE MUST BE AT LEAST 6" OF

3'FEET FROM ANY SUPPLY DIFFUSER. IN THE AREA OF CONSTRUCTION OR WHERE POSSIBLE

DEVICES SHALL BE COVERED UNTIL THAT AREA IS READY TO BE TURNED OVER TO THE OWNER

RUN ABOVE CEILINGS. UNDER FLOORS AND IN WALLS IN A NEAT AND PROTECTED MANNER AS

SURFACES PER MANUFACTURERS SPECIFICATIONS. NO SINGLE DEVICE SHALL EXCEED THE

CIRCUIT SHALL BE ENERGIZED FROM THE COMMON USE AREA PANEL AND SHALL HAVE NO

21. THE INSTALLING CONTRACTOR SHALL PROVIDE A COMPLETED RECORD OF COMPLETION PER

22. THE INSTALLING CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY

25. OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING A FIRE ALARM SYSTEM

23. SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AND SENDING CORRECT SIGNALS

OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN

DISTANCE. SOUND LEVEL SHALL BE MAINTAINED FOR DURATION OF AT LEAST 60 SECONDS, 5

NOT LESS THAN 75 DBA AT 10 FEET OR MORE THAN 110 DBA AT THE MINIMUM HEARING

MINIMUM AND 100" MAXIMUM ABOVE FINISHED FLOOR AND NO CLOSER THEN 6" TO A

MINIMUM AND 96" MAXIMUM ABOVE FINISHED FLOOR AS MEASURED TO THE LENS.

11. AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN

TESTING CRITERIA. APPROVED TYPES OF MATERIALS SHALL BE IDENTIFIED WITHIN THE FIRE

ALL MEMBRANE AND THROUGH-PENETRATIONS OF RATED ASSEMBLIES SHALL BE PROTECTED

INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTS

APPLICABLE STANDARD NFPA STANDARD 72 (2016) AS AMENDED IN CBC CHAPTER 35.

COMPONENT OF THE SYSTEM HAS BEEN APPROVED BY DSA.

AND USED FOR INSTALLATION.

HORIZONTAL STRUCTURE.

DBA MUST BE MAINTAINED.

MINIMIZE FALSE ALARMS.

FOR WET LOCATIONS.

INDICATED ON THE DESIGN DOCUMENTS.

A. "FIRE ALARM" FOR FIRE ALARM SYSTEMS.

MONITORING PER CFC SECTION 901.6.2

MONITORING CONTRACT.

WEIGHT OF 20LBS WITHOUT SPECIAL MOUNTING DETAILS.

THE "ON" POSITION AND BE LABELED AS FOLLOWS.

NFPA 72, FIGURE 7.8.2(A) THROUGH (I) AS APPLICABLE.

IN CONJUNCTION WITH FINAL ACCEPTANCE TEST.

TO THE FINAL INSPECTION AND/OR TESTING.

ALARM SECTION OF THE PROJECT SPECIFICATIONS.

PURPOSE: THIS INTERPRETATION OF REGULATIONS (IR) CLARIFIES CODE REQUIREMENTS

CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 19 AS RELATED TO NON-OPERABLE FIRE

BASED ON THE CALIFORNIA BUILDING CODE (CBC), CALIFORNIA FIRE CODE (CFC) AND

BACKGROUND: 2019 CFC SECTION 901.7 AND CCR TITLE 19 SECTION 1.14 REQUIRE FIRE

DETECTION AND ALARM SYSTEMS, FIRE HYDRANT SYSTEMS, EXTINGUISHING SYSTEMS,

MAINTAINED IN AN OPERATIVE CONDITION AT ALL TIMES. CFC SECTION 901.7 DIRECTS

THAT WHEN A FIRE PROTECTION SYSTEM IS OUT OF SERVICE, THE FIRE DEPARTMENT

AND FIRE CODE OFFICIAL BE NOTIFIED IMMEDIATELY AND THE SCHOOL DISTRICT SHALL

ESTABLISH A FIRE WATCH. FOR PURPOSES OF APPLICATION, THE DIVISION OF THE STATE

MECHANICAL SMOKE EXHAUST SYSTEMS, AND SMOKE AND HEAT VENTS TO BE

**SCOPE**: DURING THE COURSE OF A CONSTRUCTION PROJECT UNDER THE

JURISDICTION OF DSA, DSA IS THE FIRE CODE OFFICIAL. THE SCOPE OF THIS IR IS

CONFINED TO THOSE SITUATIONS WHERE DSA HAS JURISDICTION. GENERAL: IT IS THE

MAINTAINED AND FULLY OPERABLE AT ALL TIMES. IN THE EVENT THAT A PUBLIC SCHOOL

(GRADES K-12 OR COMMUNITY COLLEGES) WITHIN THE JURISDICTION OF DSA HAS A FIRE

PROTECTION/LIFE SAFETY SYSTEM THAT IS NOT OPERATING IN A DEPENDABLE MANNER,

A FIRE WATCH IS INTENDED AS A TEMPORARY ALTERNATE TO A FIRE PROTECTION/LIFE

SAFETY SYSTEM AND ALLOWS A BUILDING TO BE TEMPORARILY OCCUPIED WHILE THE

FIRE PROTECTION SYSTEM IS OUT OF SERVICE. THE PURPOSE OF A FIRE WATCH IS TO

PROTECT HUMAN LIFE AND PROPERTY AND TRANSMIT AN IMMEDIATE ALARM TO THE

BUILDING OCCUPANTS AND FIRE DEPARTMENT. 2019 CFC, CHAPTER 9, SECTION 901.7.

PREMISES AND KEEP WATCH FOR EVIDENCE OF FIRES SUCH AS SMOKE OR FLAMES.

PROJECT OR CONSTRUCTION OF A NEW BUILDING A FIRE PROTECTION/LIFE SAFETY

SYSTEM IS PLACED OUT OF SERVICE AND AFFECTS ANY OCCUPIED PORTION OF AN

IMMEDIATELY BY THE PROJECT INSPECTOR. IT WILL BE THE SCHOOL DISTRICT'S

THE AFFECTED BUILDING(S). WHERE A FIRE ALARM SYSTEM IS OUT OF SERVICE,

EXISTING BUILDING UNDERGOING RENOVATION OR OCCUPIED BUILDINGS OR PORTIONS

RESPONSIBILITY TO ESTABLISH, INSTRUCT AND MAINTAIN FIRE WATCH PERSONNEL IN/AT

WARNING SIGNS SHALL BE POSTED AT ALL ENTRANCES TO ANY BUILDING TO INFORM THE

MODERNIZATIONS OF EXISTING BUILDINGS OR CONSTRUCTION OF NEW BUILDINGS THAT

SHALL NOT REQUIRE A FIRE WATCH AS LONG AS THE CONSTRUCTION EFFORTS DO NOT

1.1 FIRE WATCH PLAN: THE SCHOOL DISTRICT SHALL DEVELOP A FIRE WATCH PLAN WITH

ENGINEER FOR THE REGION IN WHICH THE CONSTRUCTION IS TAKING PLACE. A COPY OF

THE FIRE WATCH PLAN SHALL BE MADE AVAILABLE TO THE LOCAL FIRE AUTHORITY UPON

ARE NOT OCCUPIED BY THE PUBLIC, STAFF OR STUDENTS DURING CONSTRUCTION,

COORDINATE WITH THE LOCAL FIRE DEPARTMENT. WHEN REQUESTED, THE SCHOOL

INCLUDE A PROCEDURE FOR NOTIFYING THE FIRE DEPARTMENT AND OTHER

INDICATE AREA(S) TO BE PATROLLED AND LOCATIONS OF PORTABLE FIRE

CONTACTS DEEMED NECESSARY BY THE SCHOOL DISTRICT FOR NOTIFICATION.

EXTINGUISHERS, MEANS OF EGRESS AND AREAS OF SPECIAL HAZARDS. IF A

THE METHOD OF SOUNDING AN ALARM SHALL BE DESCRIBED TO INITIATE THE

EVACUATION OF BUILDING(S). THE MANNER OF ALARM SHALL BE CONVEYED TO

• DETERMINE AT LEAST ONE MEANS OF DIRECT COMMUNICATION WITH THE LOCAL

FIRE DEPARTMENT; A TELEPHONE/CELL PHONE IS ACCEPTABLE PROVIDED THAT A

TEST RUN OF THE DESIGNATED ROUTES VERIFIES SIGNAL STRENGTH OF THE CELL

KITCHEN HOOD EXTINGUISHING SYSTEM IS INCLUDED IN THE NON-OPERABLE ALARM

SYSTEM, THE KITCHEN SHALL BE INCLUDED IN THE PATROL ROUTE DURING COOKING

THE APPLICABLE BUILDING(S) IDENTIFIED ON A SITE AND BUILDING PLAN, AND

DISTRICT SHALL PROVIDE A COPY OF THE FIRE WATCH PLAN TO THE DSA FIELD

OF THE CAMPUS, THEN THE SCHOOL DISTRICT, DSA, AND THE ARCHITECT/ENGINEER IN GENERAL RESPONSIBLE CHARGE OF THE CONSTRUCTION PROJECT SHALL BE NOTIFIED

DIRECTS THAT WHERE UTILIZED, FIRE WATCHES SHALL BE PROVIDED WITH AT LEAST ONE

APPROVED MEANS FOR NOTIFYING THE FIRE DEPARTMENT. THE SOLE DUTY OF THE FIRE

WATCH SHALL BE DEDICATED TO PERFORMING CONSTANT PATROLS OF THE PROTECTED

**REQUIRED FIRE WATCH:** WHEN, AS PART OF AN ALTERATION OR MODERNIZATION

INTENT OF THE CFC THAT FIRE PROTECTION/LIFE SAFETY SYSTEMS IN SCHOOLS BE

THAT CAMPUS, OR THE AFFECTED PORTION OF THE CAMPUS, SHALL BE PROVIDED A

PROTECTION/LIFE SAFETY SYSTEMS REQUIRING A FIRE WATCH.

ARCHITECT (DSA) IS THE FIRE CODE OFFICIAL.

"FIRE WATCH."

OCCUPANTS (SEE PARAGRAPH 1.3).

REQUEST.

AFFECT OTHER OCCUPIED AREAS OF THE BUILDING

1.2 REQUIREMENTS OF A FIRE WATCH PLAN:

PHONE AT ALL LOCATIONS.

A FIRE WATCH IS BEING CONDUCTED.

FIRE WATCH PERSONNEL WILL NOTIFY YOU BY

**1.3 POSTING:** SIGNS SHALL STATE,

(STATE MEANS OF NOTIFICATION.)

FIRE ALARM NOTE:

REFER TO ARCHITECTURAL DRAWINGS

D. UPON COMPLETION OF SYSTEM INSTALLATION, THE SYSTEM SHALL BE TESTED IN THE PRESENCE OF AND IN A MANNER ACCEPTABLE TO THE ENFORCING

E. PROVIDE A STATEMENT OF COMPLIANCE WHEN REQUESTING INSPECTION

F. THE FIRE ALARM SYSTEM DESIGN FOR THIS PROJECT IS ADDRESSABLE FULLY

## 2.0 APPLICABLE CODES AND STANDARDS

A. PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2020\* 2022 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.\* 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2018 INTERNATIONAL BUILDING CODE VOL. 1-2 AND 2019 CALIFORNIA

2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, 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.

(2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS) 2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.

REGULATIONS OF THE STATE FIRE MARSHAL, C.C.R. TITLE 19

# B. PARTIAL LIST OF APPLICABLE STANDARDS

EDITION EDITION

SYSTEMS, 1999 EDITION W/ REVISIONS THROUGH JULY 20, 2005

UL 1971 STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED (2002 EDITION)

FIRE ALARM COMPLETE PLAN SUBMITTAL

A. OCCUPANCY GROUP REFER TO ARCHITECTURAL DRAWINGS

FIRE ALARM SUBMITTAL IS A COMPLETE PLAN SUBMITTAL IN ACCORDANCE WITH CFC-901.1 AND 907.1.1.

B. CONSTRUCTION TYPE

C. PENETRATIONS OF FIRE RATED WALLS SHALL BE PROTECTED IN ACCORDANCE WITH CALIFORNIA BUILDING CODE, PART 2, CHAPTER 7, TITLE 24. REFER TO THE ARCHITECTURAL PLANS FOR FIRE-RATE CORRIDOR(S), OCCUPANCY SEPARATION(S) AND AREA SEPARATION WALL(S).

FIRE ALARM SYSTEM NOTES

CFC 901.2.1

AUTOMATIC WITH VOICE EVACUATION SYSTEM.

ÀMENDMENTS)

(2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)

2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, 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.

2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 C.C.R.

IFPA 72	NATIONAL FIRE ALARM AND SIGNALING CODE	2016 E
	(CA AMENDED)	
IL 464	AUDIBLE SIGNAL APPLIANCES	2003 E
IL 521	HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING	

EXISTING FIRE ALARM VOICE SILENT KNIGHT A#-03-119943 VACUATION CONTROL PANEL IFP-2000ECS 50 WATT DIGITAL AMPLIFIER SILENT KNIGHT +72" A.F.F. TO BACKBOX INCL. 7300-0559:0173 TOP OF BACKBOX IRE ALARM NAC EXPANDER PANEL +66" A.F.F. TO ACKBOX INCL. SILENT KNIGHT 7165-0559:0158 RPS-1000 TOP OF BACKBOX FIELD VERIFY I FACP OR IN IGNALING LINE CIRCUIT EXPANDER SILENT KNIGHT 7165-0559:0158 **LOCATION** A ADDRESSABLE PHOTOELECTRIC SILENT KNIGHT FLUSH ON CEILING 7272-0559:0149 MOUNTS TO SYSTEM SENSOR B210LP S BOX W/3-0 SMOKE DETECTOR IDP-PHOTO SANG RING BASE (7300-1653:0109) FA 190° DEGREE ADDRESSABLE HEAT ATTIC SPACE MOUNTS TO SYSTEM SENSOR B210LP 6" SILENT KNIGHT S BOX W/3-0 7270-0559:0147 DETECTOR BASE (7300-1653:0109) SANG RING SK-HEAT-HT A WEATHERPROOF SPEAKER (RED) WALL MNT. +90" A.F. 7320-1653:0201 SYSTEM SENSOR NP BACKBOX TO TOP OF BOX A CEILING LED SPEAKER/STROBE (RED FLUSH ON CEILING S BOX OR SYSTEM SENSOR 7320-1653:0505

MNT. HEIGHT REQ.

# FIRE ALARM SEQUENCE OF OPERATIONS

MANUFACTURER

MODEL NO.#

DEVICE	AREA SMOKE DETECTOR	ATTIC SPACE HEAT DETECTOR	GROUND FAULT OR SHORT CIRCUIT	LOW BATT	FACP / RPS/AMP 120VAC FAIL	NOTES
ACTION						
ANNUNCIATE ALARM CONDITION AT FIRE ALARM CONTROL PANEL AND REMOTE ANNUNCIATOR	X	X				
ANNUNCIATE SUPERVISORY CONDITION AT FIRE ALARM CONTROL PANEL AND REMOTE ANNUNCIATOR			X	X		
ANNUNCIATE TROUBLE CONDITION AT FIRE ALARM CONTROL PANEL AND REMOTE ANNUNCIATOR	X (WIRING FAULT)	(WIRING FAULT)	X	X	X	[1]
ACTIVATE AUDIBLE/VISUAL SIGNALS THROUGHOUT CAMPUS / FACILITY (GENERAL ALARM)	X	X				
CONTACT CENTRAL STATION (UDACT)	X	X	X	X	X	

SYMBOL

DESCRIPTION

(#cd DENOTES CANDELA RATING)

NOTIFICATION CKT. - END OF LINE

RESISTOR (4.7K)

[1] INDICATE TROUBLE ON WIRING FAULT OR DEVICE AS REQUIRED.

CENTRAL STATION MONITORING INFORMATION

4699 HARRISON BLVD STE 100

OGDEN UT 84403-4368

CEILING

AUDIBLE NOTIFICATION

NFPA 72 18.4.8.1

IF CEILING HEIGHTS ALLOW, UNLESS

APPLIANCES SHALL HAVE THEIR TOPS

ABOVE THE FINISHED FLOORS AT HEIGHTS

OF NOT LESS THAN 90" IN AND BELOW

FINISHED CEILINGS AT DISTANCES OF NOT

OTHERWISE PERMITTED BY 18 4 8 2 THROUGH 18 4 8 5 WALL-MOUNTE

AVANTGUARD MONITORING CENTERS (100523-727)

SIGNAL AND FIRE ALARM EQUIPMENT SERVICES.

BP10390-1 CRZM MONITORING STATIONS S3955-1 UUFX

NOTIFICATION APPLIANCES

SPACING IN CORRIDOR

SYNCHRONIZE MORE THAN TWO APPLIANCES IN

ANY FIELD OF VIEW.

FINISHED FLOOR

【 1 】 PRE-RECORDED FIRE ALARM VOICE EVACUATION SIGNAL SHALL BE A FEMALE VOICE, AND SOUND OFF: MAY I HAVE YOUR ATTENTION PLEASE. MAY I HAVE YOUR ATTENTION PLEASE A FIRE HAS BEEN REPORTED IN THE BUILDING. PLEASE PROCEED TO THE NEAREST EXIT AND EXIT THE BUILDING". MESSAGE SHALL REPEAT UNTIL MANUALLY DISABLED/SILENCED AT MAIN FIRE CONTROL PANEL OR ANNUNCIATOR PANEL.

CENTRAL STATION INFO.

FIRE ALARM DEVICE ELEVATION DETAIL / NOTES

WITHIN 6" OF CEILING

NFPA 72 18.5.5.2

NFPA 72 18 5 5 1

WALL MOUNTED APPLIANCES

SHALL BE MOUNTED SUCH THAT

THE ENTIRE LENS IS NOT LESS

THAN 80" AND NO GREATER THAN 96" ABOVE THE FINISHED FLOOR FIRE ALARM SERVICE/MONITORING

AWAY FROM AIR

DIFFUSER NFPA 72

17.7.4

A/C SUPPLY OR

RETURN DIFFUSER

MANUAL FIRE ALARM BOXES SHALL

BE LOCATED WITHIN 5' FT OF FACH EXIT DOOR WAY ON EACH FLOOR

REFER TO 17.14.8.6 FOR GROUPE

NFPA 72 17.14.5 THE OPERABLE PART

OF A MANUALLY ACTUATED ALARM-

INITIATING DEVICE SHALL NOT BE

NOT LESS THAN 42" AND NOT MORE THAN 48" FROM THE FINISHED FLOOR

OPENING REQUIREMENTS

MIJAC ALARM

9339 CHARLES SMITH AVE.

RANCHO CUCAMONGA, CA

PHONE# 1-800-909-7612

SITE ACCT# VA10323

# FA DOCUMENTS CABINET NOTES

NOTE: MEASUREMENTS

CLOSEST EDGE OF THE

SHOWN ARE TO THE

DETECTOR.

NFPA 72

17.6.3.1.3.1

WALL MOUNTED -

SMOKE OR HEAT

-WHERE CABINET IS INSTALLED IN A LOCATION OTHER THAN THE SYSTEM CONTROL UNIT, ITS

SYSTEM DOCUMENTS AS APPLICABLE:

-RECORD DRAWINGS/AS-BUILTS

-PERFORMANCE BASED DESIGN DOCUMENTATION (NFPA 72, 7.3.7) -SYSTEM RECORD OF COMPLETION & ANY SUPPLEMENTAL INSPECTION

Dimensions of	of Insulated Co	onductors and	fixture wires	
Conductor Size AWG	12 AWG THHN/THWN	14 AWG THHN/THWN	16 AWG TFN/TFFN	18 AWG TFN/TFFN
Area (in²)	.0133	.0097	.0072	.0055

	Total Areas	of Electrical	Metallic Tub	oing		
	1/2" Conduit	3/4" Conduit	1" Conduit	1-1/4" Conduit	1-1/2" Conduit	2" Conduit
Total Area	.304 in <sup>2</sup>	.533 in <sup>2</sup>	.864 in <sup>2</sup>	1.496 in <sup>2</sup>	2.036 in <sup>2</sup>	3.356 in <sup>2</sup>
40% Fill	.122 in <sup>2</sup>	.213 in <sup>2</sup>	.346 in <sup>2</sup>	.598 in <sup>2</sup>	.814 in <sup>2</sup>	1.342 in <sup>2</sup>

# (Based on 40% Conduit Fill)

Circuit Types	Conductor Size AWG	1/2" Conduit	3/4" Conduit	1" Conduit	1-1/4" Conduit	1-1/2" Conduit	2" Conduit
ANNNUNCIATOR DATA COMM, AUDIO LOOP CIRCUIT	18	22	38	62	108	148	244
NETWORK, LOW LEVEL AUDIO, SLC LOOP CIRCUIT	16	16	29	48	83	113	186
AUDIBLE CIRCUIT, INTERFACE, INITIATION CIRCUIT, DOOR HOLD PWR, 24VDC PWR, 24VDC RESETTABLE	14	12	22	35	61	84	138
SYNC CIRCUIT, VISUAL CIRCUIT	12	9	16	26	45	61	101

-EVERY NEW FIRE ALARM SYSTEM SHALL PROVIDE A DOCUMENTATION CABINET, INSTALLED AT THE SYSTEM CONTROL PANEL OR OTHER APPROVED LOCATION. -THE DOCUMENTATION CABINET SHALL BE PROMINENTLY LABELED, "SYSTEM RECORD DOCUMENTS"

-ALL RECORD AND TESTING DOCUMENTATION SHALL BE STORED IN THE CABINET.

LOCATION SHALL BE IDENTIFIED AT THE SYSTEM CONTROL UNIT.

-EQUIPMENT CUT SHEETS & CA CSFM LISTINGS -ALTERNATIVE MEANS AND METHODS

AND TESTING DOCUMENTATION (NFPA 72, 7.8.2)

-EMERGENCY RESPONSE PLAN (NFPA 72, 7.3.8) -EVALUATION DOCUMENTATION (NFPA 72, 7.3.9) -RISK ANALYSIS DOCUMENTATION (NFPA 72, 7.3.6)

-SOFTWARE & FIRMWARE CONTROL DOCUMENTATION (NFPA 72, 23.2.2)

# WIRE FILL CHART

# Maximum Number of Conductors in Trade Sizes of Conduit or Tubing

-CONTENTS SHALL BE ACCESSIBLE BY AUTHORIZED PERSONNEL ONLY.

IN THE EVENT THAT BUILDING EVACUATION IS REQUIRED."

"WARNING, FIRE ALARM SYSTEM IS CURRENTLY INOPERABLE

PERSONNEL WHO ARE FAMILIAR WITH AND ARE ABLE TO PERFORM THE DUTIES AS DESCRIBED IN THE FIRE WATCH PLAN. THE FIRE WATCH PERSONNEL SHALL NOT PERFORM FIREFIGHTING DUTIES BEYOND THE SCOPE OF AN ORDINARY CITIZEN. (USE OF PORTABLE FIRE EXTINGUISHERS IS PERMITTED, PROVIDED PROPER TRAINING IN THE USE OF FIRE EXTINGUISHERS HAS BEEN RECEIVED AND FIRE WATCH PERSONNEL FEEL CONFIDENT IN THEIR ABILITY TO SUPPRESS A FIRE.)

# **1.5 THE FIRE WATCH PERSONNEL DUTIES**: DUTIES SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:

1.4 FIRE WATCH PERSONNEL: THE SCHOOL DISTRICT SHALL DESIGNATE THE FIRE WATCH

 FIRE WATCH PERSONNEL ARE TO BE THOROUGHLY FAMILIAR WITH FACILITIES AND AREAS THEY ARE PATROLLING. ROUTE SHALL BE A ROVING AND CONTINUOUS OBSERVATION OF THE ENTIRE FACILITY AT LEAST ONCE EACH HOUR. WHERE HAZARDOUS OPERATIONS (WELDING, USE OF OPEN FLAME) ARE OCCURRING, THE FREQUENCY SHALL BE EVERY THIRTY MINUTES.

 IDENTIFY ANY FIRE, LIFE OR PROPERTY HAZARDS TO APPROPRIATE CONTACT PER THE FIRE WATCH PLAN.

IF A FIRE IS DISCOVERED, THE FIRE WATCH SHALL IMMEDIATELY:

NOTIFY THE FIRE DEPARTMENT.

NOTIFY OCCUPANTS OF THE FACILITY OF THE NEED TO EVACUATE BY A PREDESCRIBED SIGNAL AS OUTLINED IN 1.2 ABOVE. IF THE HORNS OR PUBLIC ADDRESS FUNCTION OF THE ALARM SYSTEM ARE STILL FUNCTIONAL, USE THEM TO ASSIST WITH EVACUATION OF THE BUILDING.

FOLLOW THE PROVISIONS OF THE FIRE WATCH PLAN.

 HAVE KNOWLEDGE OF THE LOCATION AND USE OF FIRE PROTECTION EQUIPMENT SUCH AS FIRE EXTINGUISHERS.

 BE FAMILIAR WITH AND MANUALLY ACTIVATE FIRE DOOR RELEASES AND/OR STAGE ROOF VENTS OR STAGE FIRE CURTAIN AS NECESSARY WHEN, IN THE JUDGMENT OF THE FIRE WATCH PERSONNEL. THOSE PORTIONS OF THE BUILDING ARE AFFECTED.

 UPDATE THE FIRE WATCH LOG AT THE CONCLUSION OF EACH FIRE WATCH ROUTE. 1.6 FIRE WATCH LOG: A FIRE WATCH LOG SHOULD BE MAINTAINED AT THE FACILITY AND AVAILABLE TO THE LOCAL FIRE DEPARTMENT AND DSA FIELD STAFF AT ALL TIMES DURING THE FIRE WATCH. THE SCHOOL DISTRICT SHALL DETERMINE THE SPECIFIC HOURS THE FIRE WATCH WILL BE ON DUTY. AT A MINIMUM, THE FIRE WATCH SHALL BE ON DUTY

DURING ALL PERIODS WHEN THE BUILDING(S) IS/ARE OCCUPIED. THE LOG SHALL CONTAIN A DIRECTORY OF CONTACT NAMES. TELEPHONE NUMBERS AND

OTHER INFORMATION NECESSARY FOR MAKING EMERGENCY CALLS.

THE LOG SHALL INDICATE THE FOLLOWING:

ADDRESS OF THE FACILITY.

NAME OF THE PERSON CONDUCTING THE FIRE WATCH.

• TIMES THAT THE PATROL HAS COMPLETED EACH TOUR OF THE FACILITY.

RECORD OF COMMUNICATION(S) TO THE FIRE DEPARTMENT

TERMINATION OF FIRE WATCH: WHERE THE FIRE WATCH IS REQUIRED DUE TO A FIRE ALARM SYSTEM INSTALLATION OR MODIFICATION. THE COMPLETED OR REPAIRED FIRE ALARM SYSTEM SHALL BE TESTED PER NATIONAL FIRE PROTECTION (NFPA) STANDARD 72 AND THE SYSTEM MANUFACTURER'S INSTALLATION REQUIREMENTS. TESTING AND INSPECTION OF THE SYSTEM SHALL BE DOCUMENTED UTILIZING THE NFPA 72 TESTING AND INSPECTION FORM. THE PROJECT INSPECTOR SHALL SUBMIT TO THE SCHOOL DISTRICT, A/E IN GENERAL RESPONSIBLE CHARGE, THE LOCAL FIRE AUTHORITY AND DSA, AS APPLICABLE, COPIES OF THE NFPA 72 "RECORD OF COMPLETION."

• IT IS THE SCHOOL DISTRICT'S RESPONSIBILITY TO CANCEL THE FIRE WATCH ONCE THE FIRE PROTECTION SYSTEM HAS BEEN DEEMED OPERABLE AS COMMUNICATED BY THE PROJECT INSPECTOR.

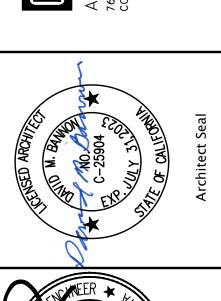
ONCE THE FIRE WATCH HAS BEEN CANCELED, THE PROJECT INSPECTOR SHALL:

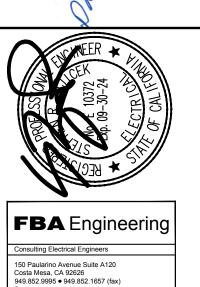
 NOTIFY THE LOCAL FIRE DEPARTMENT. NOTIFY DSA FIELD ENGINEER.

VERIFY REMOVAL OF SIGNS.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 03-122420 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 DATE: 11/30/2022

> CHITECT



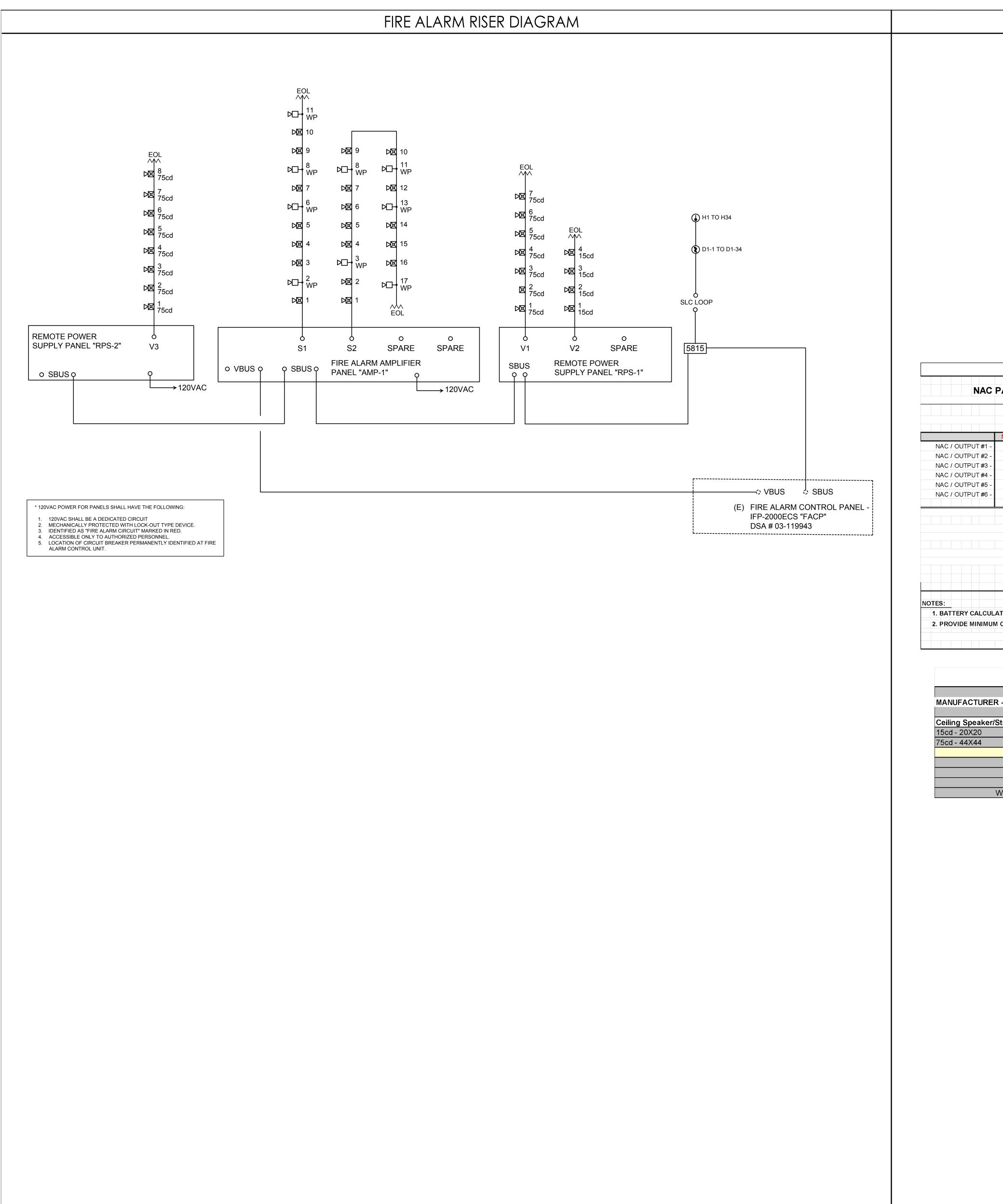


FBA Job Number: 1075.01

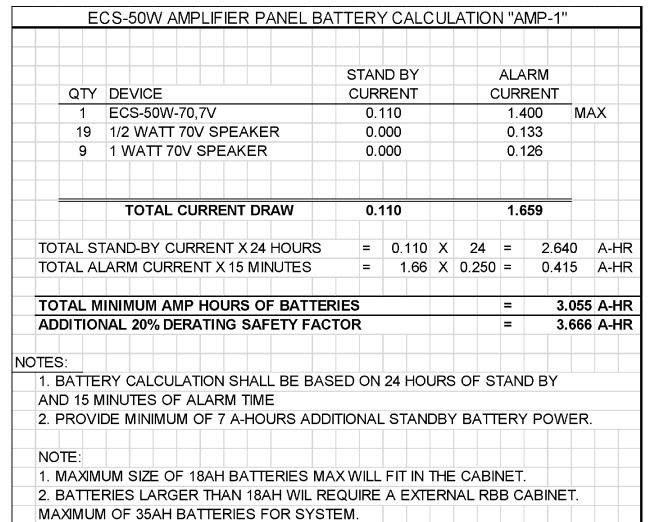
TARY USINC

OZ

XREF:



# FIRE ALARM SYSTEM CALCULATIONS



		STAN	ID BY			ALA	ARM	
QTY DEVI	CE	CURI	RENT		С	URI	RENT	
EXIS	TING PANEL LOAD	0.8	528			3.5	558	
1 5815	XL SLC LOOP EXPANDER	0.0	)55			0.0	D55	
1 50 W	50 WATT AMPLIFIER 0.010				0.010			
34 NEW	SMOKE DETECTOR	FECTOR 0.0095			0.0095			
	HEAT DETECTOR	0.0095			0.0095			
	TOTAL CURRENT DRAW	0.6	612			3.6	642	
TOTAL STAND-	BY CURRENT X 24 HOURS	=	0.612	X	24	=	14.689	A-HF
	CURRENT X 15 MINUTES	=			0.250		0.911	A-H
TOTAL MINIMU	M AMP HOURS OF BATTERIES	<u>                                     </u>				=	15.60	A-HI
I O I AL MILLAND						=	19.50	A-HI
	5% DERATING SAFETY FACTOR	₹						
	5% DERATING SAFETY FACTOR	2						
ADDITIONAL 28	5% DERATING SAFETY FACTOR	<b>R</b>						
ADDITIONAL 28	SW DERATING SAFETY FACTOR  LCULATION SHALL BE BASED		OURS O	FS	STAND	BY		
NOTES:  1. BATTERY CA			OURS O	FS	STAND	BY		

	NAC	PANEL	RPS-1	STAND	BY			ALARI	J		
	1.0.10	. ,		CURRENT (A			CUR	RENT (			
			RPS1000 MAIN CIRCUIT BRD	0.0100				0.0100	)		
		NAC CKT	LOCATION				(	KT DRA	w	VDRO	P%
NAC / OUT	TPUT #1 -	V1	RELO	0.0000	)			1.1060	)	6.8	1
NAC / OUT	PUT #2 -	V2	RESTROOM BLDG	0.0000			0.2640	)	1.62	2	
NAC / OUT	PUT #3 -	SPARE	RELO	0.0000	)			0.0000	)	0.00	0
NAC / OUT	PUT #4 -	SPARE	-	0.0000	)			0.0000	)	0.00	0
NAC / OUT	PUT #5 -	SPARE	-	0.0000				0.0000	)	0.00	0
NAC / OUT	PUT #6 -	SPARE	-	0.0000	)			0.0000	)	0.00	0
											L
			TOTAL CURRENT DRAW=	0.0100				1.3800	)		
			TOTAL STAND-BY CURREN	T X 24 HOURS	0.0100	Х	24	=	0.2	40 A-I	HR
			TOTAL ALARM CURRENT	X 15 MINUTES	1.3800	Х	0.250	=	0.3	45 A-ŀ	HR
				IMUM AMP HOU AL 25% DERATI				=		85 A-H 13 A-H	
			ADDITION	AL 25% DERAIT	NG SAFE	111	ACTOR		0.73	13 A-1	
			MINIMUM S	IZE BATTERY R	EQUIRED	=		10.0 A-	HR		$\top$
ES:											H
	CALCIII	ATION DAGE	D ON 24 HOURS OF STAND BY A	ND 15 MING OF	AL ADM T	-1841	=				
							_				
PROVIDE	: MINIMUI	M OF (2) 12V	DLT-10 AH BATTERIES FOR SECO	NDARY BACKU	PPOWER						

			ALIBBELIE (A.F )		411-1			
			CURRENT (AMPS)	-	CURI	RENT (AM	PS)	
		RPS1000 MAIN CIRCUIT BRD	0.0100			0.0100		
	NAC CKT	LOCATION			C	KT DRAW	VI	OROP
UTPUT #1 -	V3	RELO	0.0000			1.2640		7.78
UTPUT #2 -	SPARE	-	0.0000			0.0000		0.00
UTPUT #3 -	SPARE	-	0.0000			0.0000		0.00
UTPUT #4 -	SPARE	-	0.0000			0.0000		0.00
UTPUT #5 -	SPARE	-	0.0000			0.0000		0.00
OUTPUT #6 -	SPARE	-	0.0000			0.0000		0.00
		TOTAL CURRENT DRAW=	0.0100			1.2740		
		TOTAL STAND-BY CURREN	T X 24 HOURS 0.01	00 X	24	=	0.240	A-HF
		TOTAL ALARM CURRENT	X 15 MINUTES 1.27	40 X	0.250	=	0.319	A-HF
						=	0.559	
		ADDITION	AL 25% DERATING SAI	ETY	FACTOR	=	0.6981	A-HF
		MINIMUM S	IZE BATTERY REQUIRE	D =	-	10.0 A-HR		
					E			
)	UTPUT #2 - UTPUT #3 - UTPUT #4 - UTPUT #5 -	UTPUT #1 - V3 UTPUT #2 - SPARE UTPUT #3 - SPARE UTPUT #4 - SPARE UTPUT #5 - SPARE	NAC CKT LOCATION  UTPUT #1 - V3 RELO  UTPUT #2 - SPARE -  UTPUT #3 - SPARE -  UTPUT #4 - SPARE -  UTPUT #6 - SPARE -  TOTAL CURRENT DRAW=  TOTAL ALARM CURRENT ALARM CURRENT ADDITION	NAC CKT	NAC CKT	NAC CKT	NAC CKT	NAC CKT   LOCATION   CKT DRAW   VI

SILENT KNIGHT RPS1000 NAC EXPANDER PANEL

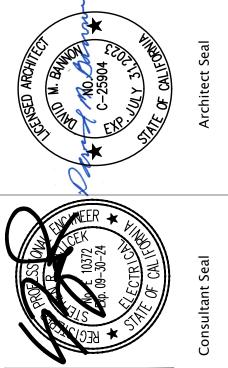
	CIRCUIT LOCATION	RELO		RESTROOM BLDG		
		CIRCUIT	PANEL	CIRCUIT	PANEL	
MANUFACTURER - SYSTEM SENSOR		V1	RPS-1	V2	RPS-1	
		QTY	CURR.	QTY	CURR.	
Ceiling Speaker/Strobes-SPSCRL	Draw (Amps)					
15cd - 20X20	0.066		0.000	4	0.264	
75cd - 44X44	0.158	7	1.106		0.000	
CIRCUIT CURREN	DRAW (AMPS)	1.106	AMPS	0.264	AMPS	
MAX.	WIRE LENGTH	400	FT.	400	FT.	
% V(	OLTAGE DROP	6.81	%	1.62	%	
WIRE SIZE (CIRC. MILLS)	# AWG	12	6530	12	6530	

	CIRCUIT LOCATION	RELO		
		CIRCUIT	PANEL	
MANUFACTURER - SYSTEM SENSOR		V3	RPS-2	
		QTY	CURR.	
75cd - 44X44	0.158	8	1.264	8
CIRCUIT CURREN	DRAW (AMPS)	1.264	AMPS	
MAX.	WIRE LENGTH	400	FT.	
% V	7.78	%		
	# AWG	12	6530	

CIRC. MILS		DISTANCE X TOTAL CURR. X 21.6			
18 AWG = 1620	VOLTAGE DROP =				
16 AWG = 2580			CIRCULAR MILS		
14 AWG = 4110					
12 AWG = 6530			VOLTAGE DR	OP X 100	
	% VOLTAGE DF	% VOLTAGE DROP =			
			70.7 (SPK)	21.5V (STROBE)	

IDENTIFICATION STAMP
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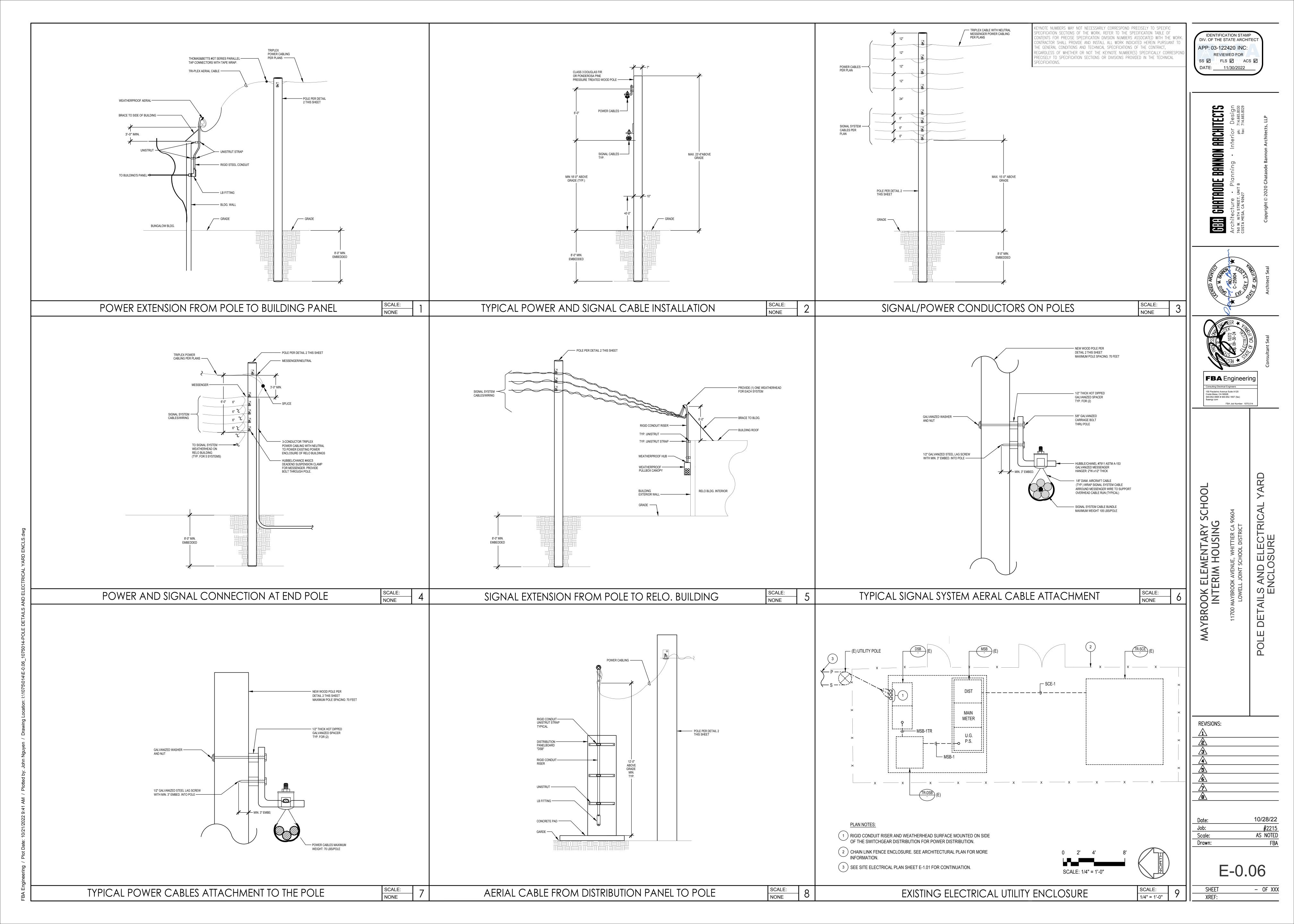
> **ARCHITECTS GHATAODE BANNON** Archite 760 W. 1671

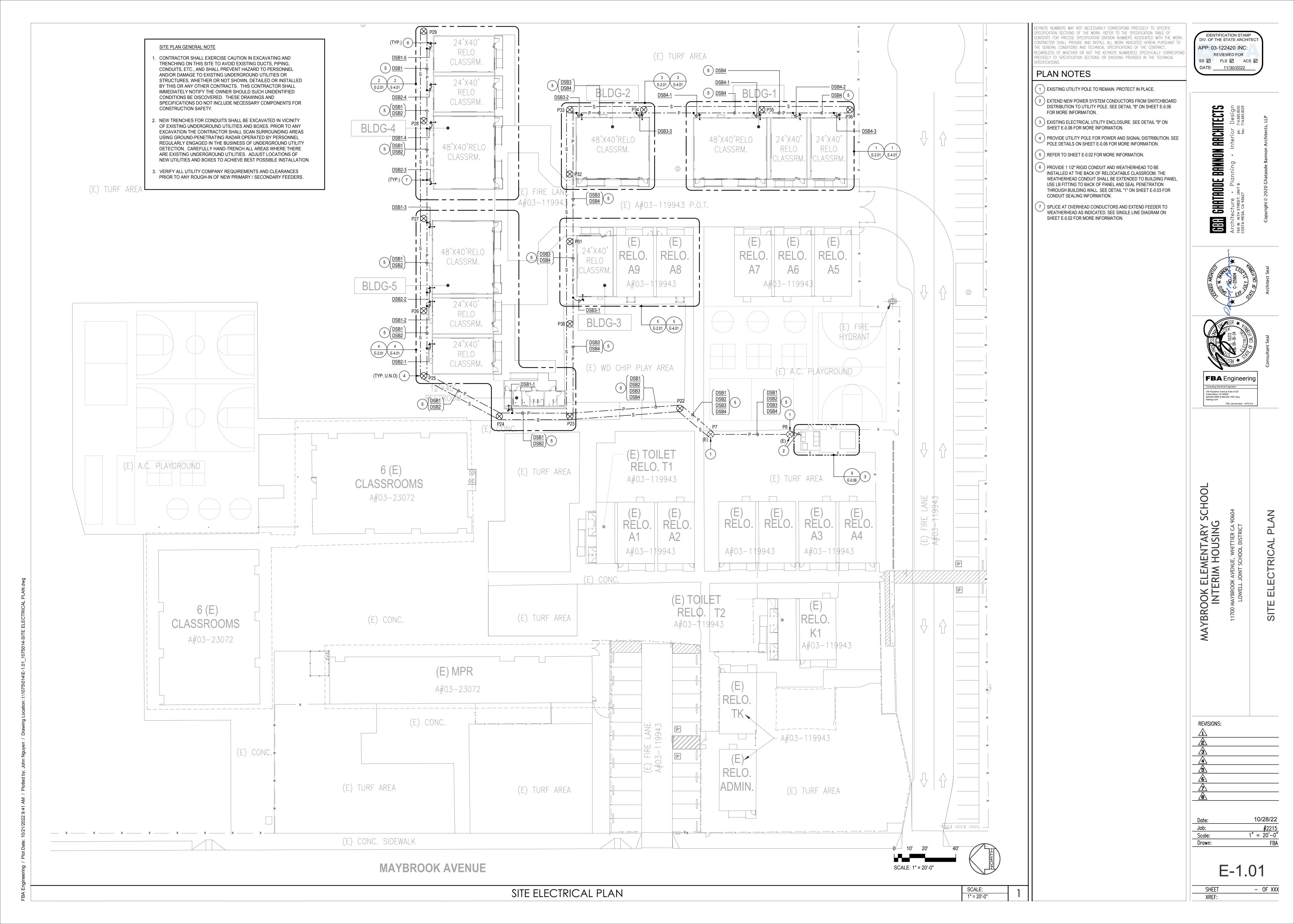


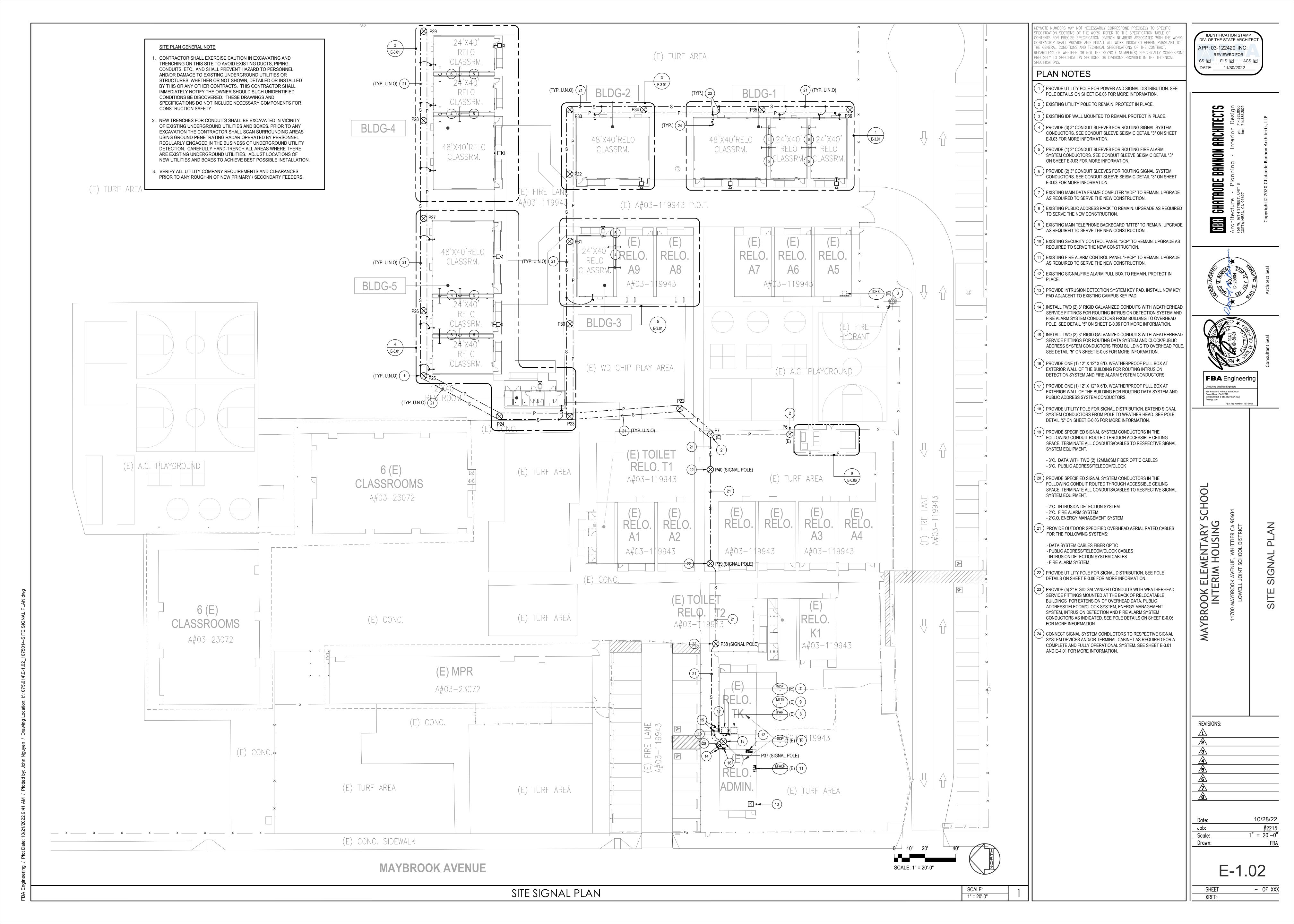
FBA Engineering 150 Paularino Avenue Suite A120 Costa Mesa, CA 92626 949.852.9995 ● 949.852.1657 (fax) fbaengr.com

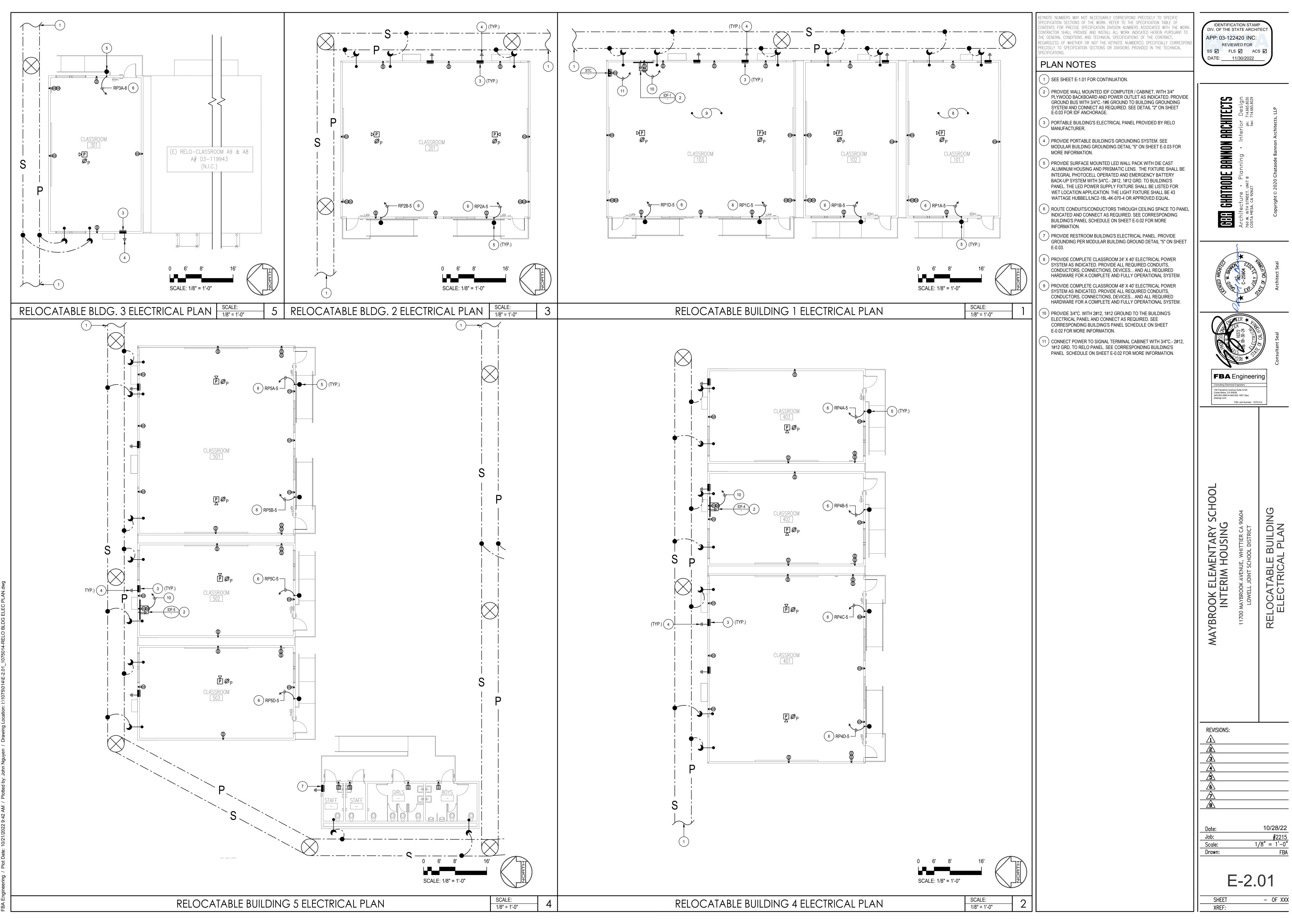
FIRE ALARM RISER DIAGRAM AND SYSTEM CALCULATIONS

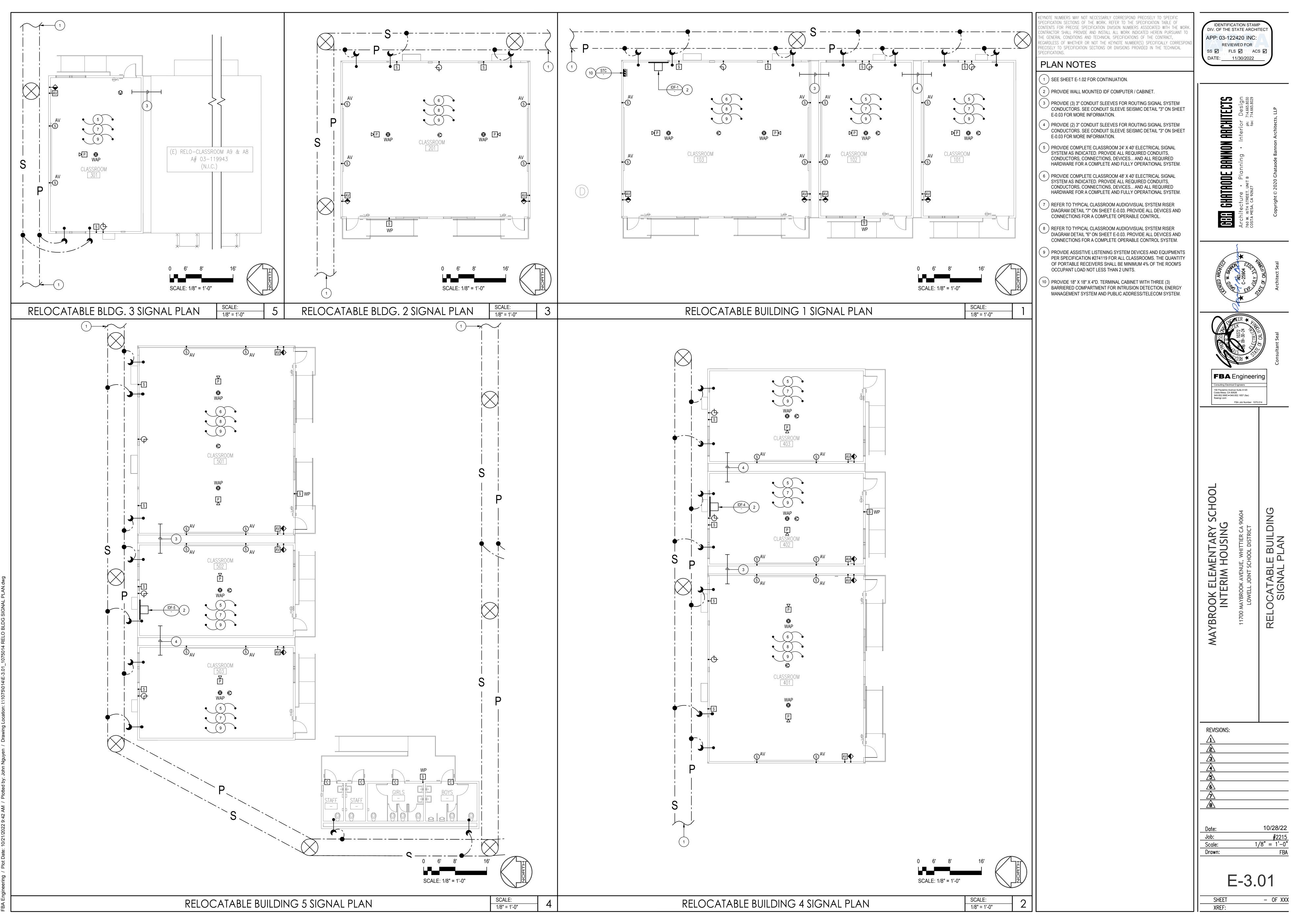
MAYBROOK ELEMENTARY SCHOOL INTERIM HOUSING



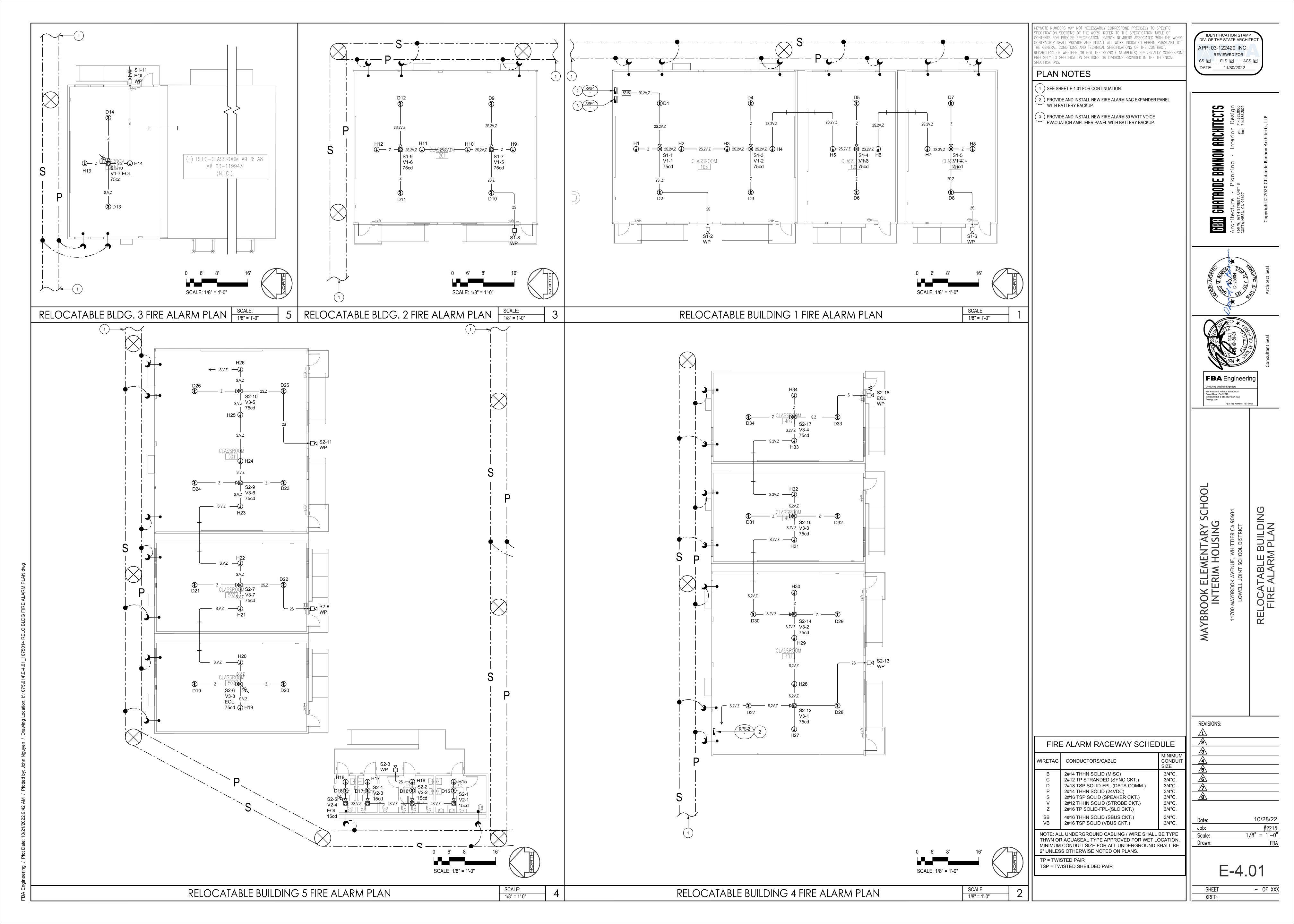








#2215 1/8" = 1'-0"



# MODULAR CLASSROOM BUILDINGS BUILDING SIZE: 24' X 40' EXPANDABLE TO 120' X 40'

PC 04-114027 HIGH SEISMIC

BY

# SILVER CREEK INDUSTRIES, INC.

2830 BARRETT AVE, PERRIS, CALIFORNIA 92571 PHONE: (951) 943-5393 FAX: (951) 943-2211

# ELITE MODULAR CLASSROOM STOCKPILE (10)24'x40'

(5)36'x40' AND (5)48'x40' CLASSROOMS

GENERAL NOTES	BUILDING	DATA		
FIRE ALARM IS NOT PART OF THIS APPROVAL	NUMBER OF STORIES:	1 - STORY	<u> </u>	
2. ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY	OCCUPANCY: E: 24' - 120' x 40' BUILDINGS			
ASSUMED LINE PER 2013 CBC 705.3  3. THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A	TYPE OF CONSTRUCTION	L. ET TAO A TO DOILDINGO		
FIRE SPRINKLER SYSTEM.	FLOOR LIVE LOAD:			
4. PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING	PLOOK LIVE LOAD.			
5. FOR SOILS TYPES / DESIGN BEARING STRENGTH, SEE STRUCTURAL SPECIFICATIONS	☐ 100 PSF			NOW! OAD, ADD
6. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF	ROOF LIVE LOAD:			
REGULATIONS (CCR)  7. THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES	FLOOR DEAD LOAD:	WOOD FLOOR - 11 PSF CONC FLOOR - 33 PSF		
8. EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2013 CBC.	ROOF DEAD LOAD:	17 PSF (INCLUDING SPRINKLER LOAD)		
9. EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE	RAMP LIVE LOAD: 100 PSF			
REQUIRED BY SECTIONS 705.2 & 1406.  10. SEE SHEETS A-0.6, A-0.7 FOR REQUIRED BUILDING ENVELOPE	BUILDING AREA: (AREA WITHOUT OVERHANGS / AREA WITH OVERHANGS) ALLOWABLE BLDG.	24'x40' BLDG - 960 SF/1140 SF  36'x40' BLDG - 1440 SF/1710 SF  36'x40' BLDG - 1920 SF/2280 SF  108'x40' BLDG - 4320 SF/5130		
ASSEMBLIES AND HVAC SYSTEM.				
11. PURSUANT TO D.S.A. APPROVAL ALL PRODUCTS CAN BE SUBSTITUTED BY AN "EQUAL"		60'x40' BLDG - 1920' 3F/2850 SF 3120'x40' BLDG - 4800' SF/5700 S		
12. BUILDING(S) TO BE LOCATED IN ANY FIRE HAZARD SEVERITY ZONE OR		72'x40' BLDG - 2880 SF/	· ·	
ANY WILDLAND - URBAN INTERFACE FIRE AREA SHALL COMPLY WITH CBC	AREA = 9,500 SF FOUNDATION:	₩ WOOD CONC	RETE	
CHAPTER 7A.  13. WHEN THE PRE-CHECKED BUILDING IS SITE ADAPTED, THE BUILDING AND	CEC CLIMATE ZONES:	1- 16		
SITE FEATURES NEED TO COMPLY WITH CALGREEN CODE, SECTION 5.507.4 FOR THE SITE SPECIFIC LOCATION	SNOW LOAD:	Pg = 0.0 PSF		
14. IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO THE	ONOVI LOAD.	Fg = 0.0 F3F		
SAME PC CLASSROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND FLOOR-CEILING SHALL MEET THE MINIMUM REQUIREMENTS OF THE STC RATING OF 40 PER CALGREEN	WIND DESI	GN DATA SEC	CTION 1603.A.1.4	
CODE, SECTION 5.507.4.3.	1. ULTIMATE DESIGN	WIND SPEED, 3 SEC GU	JST (MPH) V <sub>III ±</sub>	129 / Kzt = 1.0
	2. RISK CATEGORY:		, and a DEP	ll l
	3. WIND EXPOSURE :			"C"
	APPLICABLE INTERNAL PRESSURE COEFFICIENT :			± 0.18
	5. COMPONENTS AND CLADDING :			
	ZONE 1 = 38.5 ZONE 4 =			38.1
	ZONE 2 =	<del></del>	ZONE 5 =	46.9
APPLICABLE STANDARDS	ZONE 3 =		PARAPET =	131.7
NFPA 13 AUTOMATIC SPRINKLER SYSTEMS 2013 EDITION	Zone o	V/	ARAFET -	
NFPA 72 NAT. FIRE ALARM CODE (CALIF. AMENDED) 2013 EDITION	EARTHQUAKE DESIGN DATA SECTION 1603.A.1.5			
(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")				
	SEISMIC IMPORTANCE FACTOR:      MARRIED CRESTRAL RECEDENCE:			
	2. MAPPED SPECTRAL RESPONSE :			
	DESIGN $S_s = 2.24$ (FOR Cs) $S_1 = 1.0$			
	MAPPED S <sub>s</sub> = 2.80 (FOR ARCHITECTURAL COMPONENTS)			
	3. SITE CLASS			D
APPLICABLE CODES (AS OF JANUARY 1, 2014)		NSE COEFFICIENTS :		
	$S_{DS} = 1.49 (=1.87ARCH'L)$ $S_{D1} = 1.00$			
ST OF 2013 CALIFORNIA CODE OF REGULATIONS	5. SEISMIC DESIGN CATEGORY :			E e
13 BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.	6. BASIC SEISMIC-FORCE-RESISTING-SYSTEM : OMF			
13 CALIFORNIA BUILDING CODE (CBC), PART 2. TITLE 24 C.C.R.		AR (kips) : PER MODULA	R (12x40)	
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA		FLOOR LL<100	LL=150	20.17
AMENDMENTS)	X	<u> </u>	1	20.17 15.66
13 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.	X		Х	27.85
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)		<	1 x	19.55
13 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.	8. SEISMIC RESPONS	0.427		
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)	9. RESPONSE MODIF	3.5		
13 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.	10. ANALYSIS PROCEE	EQUIVALENT LATERAL FORCE		
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)  13 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.	11. MINIMUM SEISMIC SEPARATION FROM OTHER EXISTING OR FUTURE BUILDINGS			6" SEP.
13 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.  (2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)  13 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.  13 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.	1	COVER ANY SITE SPEC N OF FLOODING SHOUL LATIONS.		

TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

2007 ASME A17.1 (w/A17.1a/CSA B44a-08 ADDENDA) SAFETY CODE FOR ELEVATORS

EML T.B.D. EXISTING UNIT

LOWELL J.S.D. / MAYBROOK E.S. (X4) 48X40 BUILDINGS (INTERIM) SN 11810-11-12-13 / 11818-19-20-21 11822-23-24-25 / 11826-27-28-29

RELOCATION PACKAGE FROM STOCKPILE TO SITE SPECIFIC

ONLY SHOWN PAGES ARE NEEDED FOR RELOCATION OF EXISTING UNITS.

SHT NO.		ET INDEX		THESE DRAWINGS AND ALL MATERIAL CONTAINED HERE THE PROPERTY OF SILVERCRE IDENTIFICATION STA SHALL NOT BE REPRODUCED DIV. OF THE STATE ARC
A-0 A-0A-8-B	COVER SHEET T& LEGRANS	SHT NO.	SEISMIC SS UP TO 2.80g  WOOD FOUNDATION PLAN 24' × 10' (50 PSF)  WOOD FOUNDATION PLAN 24' × 10' (50+15 PSF)	DISPOSED OF DIRECTLY OR I USED IN WHOLE OR IN PART FOR THE PURPOSE OF FURNI MAKING OF DRAWINGS, PRIN SERIES FOR THE PURPOSE  REVIEWED FOR
A 0.0	BUILDING OPTIONS SCHEDULE	-F-0.00 -F-0.04	WOOD FOUNDATION PLAN 24' x 40' (100 PCF) WOOD FOUNDATION PLAN 24' x 40' (150 PCF)	THEREOF WITHOUT THE FULL DATE: 11/30/202
A-0.1 A-0.2	SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE SCHEDULES	F 0.11	WOOD FOUNDATION PLAN 36' × 40' (50 PSF) WOOD FOUNDATION PLAN - 36' × 40' (50: 15 PSF)	ALL PATENTABLE MATERIAL CO. ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF
^ 0.3	TYPICAL KEY PLANS 24' TO 120' x 40'	F 0.13	WOOD FOUNDATION PLAN 36' × 40' (100 PSF) WOOD FOUNDATION PLAN 36' × 40' (150 PSF)	SILVER CREEK INDUSTRIES, I
\ 0.5A \ 0.5B	ENERGY CALC'S PREFORMS ZONE 14 WORST CASE  ENERGY CALC'S PREFORMS ZONE 15 WORST CASE	F-0.22	WOOD FOUNDATION PLAN 18' x 10' (50 PSF) WOOD FOUNDATION PLAN - 48' x 40' (50+15 PSF)	
-0.5C	ENERGY CALC'S - PRF FORMS - ZONE 16 WORST CASE	F-0.23	WOOD FOUNDATION PLAN 48' x 40' (100 PSF) WOOD FOUNDATION PLAN 48' x 40' (150 PSF)	"BUILDING FO
0.6A 0.6B	ENERCY CALC'S ELC FORMS 24' x 40' BUILDINGS ENERCY CALC'S LTO / MCH FORMS 24' x 40' BUILDINGS	F-0.50	FOUNDATION DETAILS - WOOD  CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR	NEXT GENERA
0.6C 0.6D	ENERGY CALC'S LTI FORMS 24' x 40' BUILDINGS  ENERGY CALC'S ELC FORMS 120' x 40' BUILDINGS	F-1.11	CONCRETE FOUNDATION PLAN ABOVE CRADE CONCRETE FLOOR CONCRETE FOUNDATION DETAILS - ABOVE GRADE	SILVER
0.6E 0.6F	ENERGY CALC'S LTO / MCH FORMS 120' × 40' BUILDINGS ENERGY CALC'S LTI FORMS 120' × 40' BUILDINGS	F-2.01 F-2.11	CONCRETE FOUNDATION PLAN BELOW GRADE - WOOD FLOOR CONCRETE FOUNDATION PLAN BELOW GRADE - CONCRETE FLOOR	CREEK
-0.7	DESIGN ENERGY VALUES BY ZONE & CALGREEN SPECIFICATIONS	F 2.50 F 2.51	CONCRETE FOUNDATION DETAILS BELOW CRADE FOUNDATION DETAILS CONCRETE	2830 BARRETT AVE. PERRIS, CALIFORNIA 9257
1.01	FLOOR PLAN 24' x 40'			PHONE: 951-943-5393 FAX: 951-943-2211 PROJECT NAME:
1.03	FLOOR PLAN - 48' TO 120' x 40'			ELITE MODULAR
1.05	OPTIONAL 12 × 40 TOLET MODULE PLUMBING PLAN & ISOMETRICO	SHT NO.	STRUCTURAL "HIGH SEISMIC"	CLASSROOM STOCKPILE
1.07	OPTIONAL 21 × 10 TOILET BUILDING PLUMBING PLAN & ISSMETRICS	S-0.1 S-1.01	STRUCTURAL SPECIFICATIONS FLOOR FRAMING PLAN - WOOD FLOOR	(10) 24'X40' (5)36'x40' & (5) 48'x40'
2.01	REFLECTED CEILING PLAN - 24' x 40' REFLECTED CEILING PLAN - 30' x 40'	\$ 1.11 \$ 1.50	FLOOR FRAMING PLAN - WOOD FLOOR  FLOOR FRAMING DETAILS - WOOD FLOOR (CCD # 1 - APPVD ON 8-25-	- CLACCDONIC
2.03	REFLECTED CEILING PLAN - 48' TO 120' x 40'	S 1.60 0-2.01	FLOOR FRAMING DETAILS - GONGRETE FLOOR  ROOF FRAMING PLAN - 0.010", BUILT UP, OR TPO ROOF - MONO SLOPE	SHEET TITLE:
.20	CEILING DETAILS - T-GRID CEILING DETAILS - HARD LID	6-2.02 9-2.03	ROOF FRAMING PLAN 9.030" MONO SLOPE POOF ERAMING PLAN PARAPET MONO SLOPE	A TOTAL STATE OF THE STATE OF T
.01	ROOF PLAN 0.018" METAL DECK MONO OR DUAL SLOPE 24' x 40'	<u>52.11</u> <u>52.12</u>	POOF FRAMING PLAN   0.018", BUILT UP, OR TPO ROOF BUAL SLOPE	E COVER SHEET
.02 .03	ROOF PLAN - 0.018" METAL DECK - MONO OR DUAL SLOPE - 36" x 40"  ROOF PLAN - 0.018" METAL DECK - MONO OR DUAL SLOPE - 36" x 40"	\$ 2.13 \$ 2.50	ROOF FRAMING DEAM PARAPET DUAL SLODE ROOF FRAMING DETAILS MONO SLOPE	
.04	ROOF PLAN - 0.018 METAL DECK - MONO SLOPE - 48' TO 120' X 40'	S 2.50 S 2.50	ROOF FRAMING DETAILS - DUAL SLOPE - ROOF FRAMING DETAILS	
1.11	ROOF PLAN - 0.030" METAL DECK - MONO OR DUAL SLOPE - 24" × 40"	\$ 2.70 \$-2.90	ROOF FRAMING DETAILS PARAPET ROOF FRAMING DETAILS - TRUSS	
).13 ).14	ROOF PLAN - 0.030" METAL DECK - MONO SLOPE - 48' TO 420' x: 48'	S-3.01 S 3.02	BUILDING SECTION - MONO SLOPE ROOF BUILDING SECTION - DUAL SLOPE ROOF	
.21	ROOF PLAN BUILT UP ROOF MONO OR DUAL SLOPE 24' x 48'	<del>- 6-3.03</del> <del>- 6-3.04</del>	BUILDING SECTION 0.030" MONO SLOPE ROOF  BUILDING SECTION 0.030" DUAL SLOPE ROOF	The state of the s
22	ROOF PLAN BUILT UP ROOF MONO OR DUAL SLOPE 35' x 46' ROOF PLAN BUILT UP ROOF MONO SLOPE 48' TO 120' x 40'	S-5.00 S-5.10	WALL FRAMING ELEVATIONS - WOOD STUDS WALL FRAMING DETAILS - WOOD STUDS	SHI VELLUEC.
24	ROOF PLAN BUILT UP ROOF DUAL SLOPE 48' TO 120' x 49'	S-5.11 S-5.29	WALL FRAMING DETAILS - WOOD STUDS WALL FRAMING ELEVATIONS STEEL STUDS	C-33467
.31	ROOF PLAN PARAPET MONO OR BUAL SLOPE 21' × 18'	\$ 5.30 \$ 5.31	WALL EDAMING DETAILS STEEL STUDS	REN 01-31-2015
).30 ).34	ROOF PLAN PARAPET MONO SLOPE 48' TO 120' x 40' ROOF PLAN PARAPET DUAL SLOPE 48' TO 120' x 40'			THE OF CALIFORNIA OF CALIFORNIA OF THE ORIGINAL OF THE ORIGINA
3.41	ROOF PLAN TPO MONO OR DUAL SLOPE 24' x 48'			ARCHITECT OF RECORD
3.42	ROOF PLAN TPO MONO OR DUAL SLOPE 38' # 18'  ROOF PLAN TPO MONO CLOPE 40' TO 120' × 40'			SUBMISSION DATE
3.11	ROOF PLAN TPO DUAL SLOPE 48' TO 120' x 40'			
3.50	ROOF DETAILS - 0.018" STANDING SEAM ROOF DECK	SHT NO.	PLUMBING	
3.60 3.61	ROOF DETAILS -0.030" STANDING SEAM ROOF DECK ROOF DETAILS -0.030" STANDING SEAM ROOF DECK	P 1.01	PLUMBING DETAILS AND SCHEDULE	
3.70	ROOF DETAILS BUILT UP ROOF			
3.00 3.00	ROOF DETAILS - PARAPET ROOF DETAILS - TPO ROOF			PROJECT SPECIFIC STATE AGENCY APPROV
1.01	EXTERIOR ELEVATIONS MONO OR DUAL SLOPE 24' x 40'	SHT NO.		DENTIF. STAINP DIV. OF THE STATE ARCHITECT
1.02	EXTERIOR ELEVATIONS MONO SLOPE 36' x 40'  EXTERIOR ELEVATIONS DUAL SLOPE 36' x 40'	M-0.1 M 1.01	MECHANICAL PLAN WALL MOUNT 24' x 40'  MECHANICAL PLAN WALL MOUNT 36' x 40'	04 115678
.04	EXTERIOR ELEVATIONS - MONO SLOPE - 48' TO 120' x 40'  EXTERIOR ELEVATIONS - DUAL SLOPE - 48' TO 120' x 40'	M-1.03	MECHANICAL PLAN WALL MOUNT - 48' TO 120' x 40'  MECHANICAL PLAN - BOOF MOUNT - 24' x 40'	^CS = FLS PF SS   (
21	EXTERIOR ELEVATIONS MONO OR DUAL SLOPE 24' x 40' (PARAPET)	M-2.02 M-3.04	MECHANICAL ROOF MOUNT 24' x 40'  MECHANICAL ROOF PLAN ROOF MOUNT 24' x 40'  MECHANICAL PLAN ROOF MOUNT 36' x 40'	ACS: S. LYLE  FLO: P. FERRER  (S. ) Looner
22	EXTERIOR ELEVATIONS MONO OR DUAL SLOPE - 35' x 46' (PARAPET)  EXTERIOR ELEVATIONS - MONO OR DUAL SLOPE - 48' TO 126' x 46' (PARAPE	M-3.02	MECHANICAL PLAN ROOF MOUNT 36' × 40'  MECHANICAL PLAN ROOF MOUNT 48' TO 120' × 40'	ORIGINAL PC STATE AGENCY APPROVAL
.01	CROSS SECTION MONO SLOPE 0.018", B.U., OR TPO ROOF DECK OR PARAPE	M-4.02	MECHANICAL ROOF PLAN - ROOF MOUNT - 48' TO 120' x 40'	
.03	CROSS SECTION MONO SLOPE 0.030" ROOF DECK			DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
.01	CROSS SECTION	SHT NO.	ELECTRICAL	PRE-CHECK (PC) DOCUMENT CODE 2013 CBC CDD CODE 2013 CBC CDD CDD CDD CDD CDD CDD CDD CDD CDD
.50	ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING	<del>-E-1.01</del>	ELECTRICAL PLAN - 24' × 40' ELECTRICAL PLAN - 36' × 40'	SEPARATE PRO CODE 2 SEPARATE PRO COR CONSTRUCT  SEPARATE PRO COR CONSTRUCT  AND AND AND AND AND AND AND AND AND AN
.51 .52	ARCHITECTURAL DETAILS WOOD STUD WOOD CIDING 1 HOUR RATIO	-p F-1 03	ELECTRICAL PLAN - 48' TO 120' x 40'	
.60	ARCHITECTURAL DETAILS—STEEL STUD WOOD SIDING	01177.10	DANAD	REVISIONS
.61	ARCHITECTURAL DETAILS STEEL STUD PLASTER  ARCHITECTURAL DETAILS STEEL STUD WOOD SIDING 1 HOUR RATI	SHT NO.	STANDARD RAMP PLAN	
i.63	ARCHITECTURAL DETAILS STEEL STUD PLASTER 1-HOUR-RATED ARCHITECTURAL DETAILS 1-HOUR RATED OPTIONS	R 1.02	OFFSET RAMP PLAN RAMP LANDING	
5.70	ARCHITECTURAL DETAILS - FLOOR	R 1.04	STANDARD LANDING WITH STEPS SWITCHBACK PAMP PLAN	<u></u>
	ARCHITECTURAL DETAILS MISCELLANEOUS/OPTIONS	R-2.01 -R-3.01	RAMP DETAILS  CONCRETE RAMP	
.00	ARGI HTESTURAL DETAILS MISSELLANEOUS/OPTIONS	SHT NO.	RELOCATABLE SHEETS	<u>^</u>
	·	SHINU.	BUILDING RELOCATION DETAILS	SILVER CREEK INDUSTRIES  24' x 40' PC (HIGH SEISMIC)
<del>01</del>	INTERIOR ELEVATIONS 24' x 40' INTERIOR ELEVATIONS - 30' x 40'	11,22,20 (14)	DUILDING DELOCATION DETAILS	in waith of the child and the child
01 01 02		REL 102	BOILDING NEEDS, MON BETTIED	PROJECT NO:
.01	INTERIOR ELEVATIONS - 30' x 40'	SHT NO.	FIRE SPRINKLERS	PROJECT NO:  DRAWN BY:
.01	INTERIOR ELEVATIONS - 30' x 40'	SHT NO.  -FS-1	FIRE SPRINKLERS  FIRE SPRINKLER SECTION AND SPECS  TYPICAL FIRE SPRINKLER PLANS 120' × 10' B.Ju. Bank	PROJECT NO:
5.01 5.01 5.02	INTERIOR ELEVATIONS - 30' x 40'	SHT NO.  -FS 4 -FS 2 -FS 4 -FS 4	FIRE SPRINKLERS	PROJECT NO:  DRAWN BY:  SCALE: AS NOTED
5.80 5.81 3.01 5.02 6.03	INTERIOR ELEVATIONS - 30' x 40'	SHT NO.  -FS-1 -FS-2 -FS-0	FIRE SPRINKLERS  FIRE SPRINKLER SECTION AND SPECS  TYPICAL FIRE SPRINKLER PLANS  TYPICAL FIRE SPRINKLER PLANS	PROJECT NO:  DRAWN BY:  SCALE: AS NOTED  DATE: 09-10-14

# REFLECTED CEILING NOTES

# METAL SUSPENSION FOR LAY-IN PANEL CEILING

- A. 12GA. (MIN.) HANGER WIRES MAY BE USED FOR UP TO THE INCLUDING 4'-0" X 4'-0" GRID SPACING ALONG MAIN RUNNER. SPLICES WILL NOT BE PERMITTED IN ANY HANGER WIRES UNLESS SPECIFICALLY APPROVED BY DSA.
- B. PROVIDE 12GA. HANGER WIRES WITHIN 8" OF THE ENDS OF ALL MAIN & CROSS RUNNERS OR AT 1/4 OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS AT THE PERIMETER OF THE CEILING AREA.
- C. PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO MAINTAIN HANGER SPACING. PROVIDE ADDITIONAL HANGERS STRUTS OR BRACES AS REQUIRED AT THE CEILING BREAKS, SOFFITS OR DISCONTINUOUS AREAS. HANGER WIRES THAT ARE MORE THAN 1 IN 6 PLUMB ARE TO HAVE COUNTER SLOPING WIRES.
- D. CEILING GRID MEMBERS MAY BE ATTACHED TO NOT MORE THAN 2 ADJACENT WALLS, CEILING GRID MEMBERS SHOULD BE AT LEAST 3/4" CLEAR OF OTHER WALLS. IF WALLS RUN DIAGONALLY TO CEILING GRID SYS. RUNNERS, THE MAIN AND CROSS RUNNERS SHOULD BE FREE & A MIN. OF 3/4" CLEAR OF WALL
- E. AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A 16GA. WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNERS MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNERS IS 8" OR LESS, THIS INTERLOCK IS NOT REQ'D.
- F. PROVIDE BRACING ASSEMBLY CONSISTING OF A COMPRESSION STRUT (COMPRESSION STRUTS SHALL BE ADEQUATE TO RESIST THE VERTICAL COMPONENT INDUCED BY THE BRACING WIRES, AND SHALL NOT BE MORE THAN 1 (HORIZONTAL) IN 6 (VERTICAL) OUT OF PLUMB) AND (4) 12GA. SPLAYED WIRES ORIENTED 90° FROM EA. OTHER AT THE FOLLOWING SPACING. (A). PLACE BRACING ASSEMBLIES AT A SPACING NOT MORE THAN 8'-0" X 8"-0" ON
- (B). PROVIDE BRACING ASSEMBLIES AT LOCATIONS NOT MORE THAN 1/2 THE ABOVE SPACING FROM EA. PERIMETER WALL OR AT THE EDGE OF VERTICAL CEILING OFFSETS. THE SLOPE OF THESE WIRES SHALL NOT EXCEED 45° FROM THE PLANE OF THE CEILING AND SHOULD BE TAUT WITHOUT CAUSING THE CEILING TO LIFT. SPLICES IN BRACING WIRES ARE NOT PERMITTED WITHOUT SPECIAL DSA
- G. FASTEN #12 HANGER WIRES WITH NOT LESS THAN THREE (3) TIGHT TURNS IN 3 INCHES. HANGER WIRE LOOPS SHALL BE TIGHTLY WRAPPED AND SHARPLY BENT TO PREVENT ANY VERTICAL MOVEMENT OR ROTATION OF THE MEMBER WITHIN THE LOOPS (SEE ASTM E580, SECTION 5.2.7.2). FASTEN SPLAY WIRES WITH 4 TIGHT TURNS. HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHOR ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE WIRE.
- H. SEPARATE ALL CEILING HANGING AND BRACING WIRES AT LEAST 6" FROM ALL UNBRACED DUCTS, PIPES, CONDUITS, ETC. HANGER WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT. PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO TYPICAL HANGER SPACING. SEE FIGURE 3A, DETAIL F OF DSA IR 25-2.10. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS, OR DISCONTINUOUS AREAS.
- DEVICES. ATTACH ALL LIGHT FIXTURES CEILING MOUNTED AIR TERMINALS AND ALL OTHER DEVICES TO THE CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURES. SCREWS OR APPROVED FASTENERS ARE REQUIRED. MINIMUM OF TWO ATTACHMENTS ARE REQUIRED AT EACH LIGHT FIXTURE PER ASTM E580 SECTION 5.3.1. RECESSED OR DROP-IN LIGHT FIXTURES, GRILLES, MECHANICAL TERMINALS, AND FLEXIBLE SPRINKLER HOSE FITTINGS OR OTHER SERVICES BE SUPPORTED

I. CEILING PANELS SHALL NOT SUPPORT ANY LIGHT FIXTURES, AIR TERMINALS OR

- DIRECTLY ON RUNNERS CLASSIFIED AS ASTM HEAVY DUTY, BUT THEY MUST ALSO HAVE A MINIMUM OF TWO (2) #12 GAGE SLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. J. ALL FLUSH OR RECESSED LIGHT FIXTURES, MECHANICAL TERMINALS, AND FLEXIBLE SPRINKLER HOSE FITTINGS OR OTHER SERVICES WEIGHING 56 LBS. OR MORE MUST
- BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN FOUR (4) TAUT #12 GAGE WIRES ATTACHED TO THE HOUSING AND TO THE STRUCTURE ABOVE. THE FOUR (4) TAUT #12 GAGE WIRES, INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE, MUST BE CAPABLE OF SUPPORTING FOUR (4) TIMES THE WEIGHT OF THE ALL 4 ft. x 4 ft. LIGHT FIXTURES MUST HAVE SLACK SAFETY WIRES AT EACH CORNER.
- SURFACE-MOUNTED FIXTURES SHALL BE ATTACHED TO THE MAIN RUNNER WITH AT LEAST TWO POSITIVE CLAMPING DEVICES MADE OF MATERIAL WITH A MINIMUM #14 GAGE, ROTATIONAL SPRING CATCHES DO NOT COMPLY, A #12 GAGE SUSPENSION WIRE SHALL BE ATTACHED TO EACH CLAMPING DEVICE TO THE STRUCTURE ABOVE. PROVIDE ADDITIONAL SUPPORTS WHEN LIGHT FIXTURES ARE 8 ft. OR LONGER. MAXIMUM SPACING BETWEEN SUPPORTS SHALL NOT EXCEED 8 FEET. SUPPORT PENDANT-MOUNTED LIGHT FIXTURES DIRECTLY FROM THE STRUCTURE ABOVE WITH HANGER WIRES OR CABLES PASSING THROUGH EACH PENDANT

HANGER AND CAPABLE OF SUPPORTING TWO (2) TIMES THE WEIGHT OF THE FIXTURE. A BRACING ASSEMBLY, PER FIGURE 1, IS REQUIRED WHERE THE PENDANT HANGER PENETRATES THE CEILING. SPECIAL DETAILS ARE REQUIRED TO ATTACH THE PENDANT HANGER TO THE BRACING ASSEMBLY TO TRANSMIT HORIZONTAL FORCE. IF THE PENDANT MOUNTED LIGHT FIXTURE IS DIRECTLY AND INDEPENDENTLY BRACED BELOW THE CEILING, I.E. AIRCRAFT CABLES TO WALLS, THEN BRACE ASSEMBLY IS NOT REQUIRED ABOVE THE CEILING. SEE IR 16-9 FOR ADDITIONAL REQUIREMENT FOR PENDENT MOUNTED FIXTURES.

ALL LIGHT-WEIGHT MISCELLANEOUS DEVISES, SUCH AS STROBE LIGHTS, SPEAKERS, ETC., SHALL BE ATTACHED TO THE CEILING GRID PER SECTION 7.1 OF DSA IR 25-2,10, IN ADDITION, DEVICES WEIGHING MORE THAN 10 LBS SHALL HAVE A #12 SLACK SAFETY WIRE ANCHORED TO THE STRUCTURE ABOVE. DEVICES WEIGHTING MORE THEN 20 LBS SHALL BE SUPPORTED FROM THE STRUCTURE ABOVE PER SECTION 7.3 OF DSA IR 25-2.10.

PENETRATIONS THROUGH THE CEILING FOR SPRINKLER HEADS AND OTHER SIMILAR DEVICES THAT ARE NOT INTEGRALLY TIED TO THE CEILING SYSTEM IN THE LATERAL DIRECTION SHALL HAVE A TWO (2) INCH OVERSIZED RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF ONE (1) INCH IN ALL HORIZONTAL DIRECTIONS. ALTERNATIVELY, PER ASTM E580 SECTION 5.2.8.8. A FLEXIBLE SPRINKLER HOSE FITTING THAT CAN ACCOMMODATE 1 INCH OF CEILING MOVEMENT SHALL BE PERMITTED TO BE USED IN LIEU OF THE OVERSIZED RING, SLEEVE OR ADAPTER.

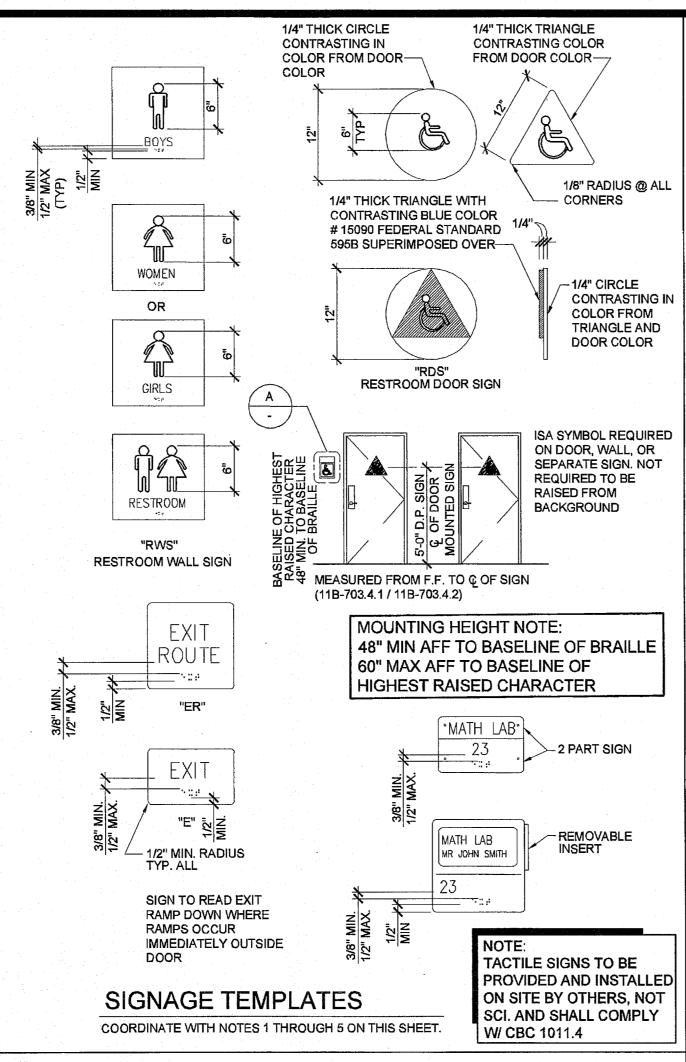
# K. CLASSIFICATION OF CEILING GRID:

CLASSIFICATION OF CEILING GRID SHALL BE "HEAVY DUTY"

- 4' CROSS TEE: XL7341 2' CROSS TEE: XL7328
- 2" WALL ANGLE: 7810

ARMSTRONG PER ASTM C635 AND C636. PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN 2". ACOUSTICAL PANELS SHALL BE 5/8" MINIMUM THICK, MINERAL FIBERBOARD OR VINYL FACED FIBERGLASS LAY-IN PANELS SQUARE EDGE AND CBC CLASS C FLAME-SPREAD 76-200; SMOKE-DEVELOPED 0-450.

- L. FOR CEILING AREAS EXCEEDING 2500 SQUARE FEET, A SEISMIC SEPARATION JOINT SHALL BE PROVIDED IN ACCORDANCE WITH DSA IR 25-2.10 SECTION 8, FIGURE 7, DETAIL A TO DIVIDE THE CEILING INTO AREAS NOT EXCEEDING 2500 SQUARE FEET. ALTERNATIVELY, COMPLY WITH ASTM E580-08 SECTION 5.2.9. - SEE 20/A-2.20
- NOTE FOR FIRE BLK CONSTRUCTION: SECTION 718 PER CBC SECTION 718.2.1. FIRE BLOCKS MAY BE OF GYPSUM BOARD, CEMENT FIBER BOARD, BATTS OR MINERAL OR GLASS FIBER, OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE, LOOSE-FILL INSULATION MATERIAL SHALL NOT BE USED AS A FIRE BLOCK UNLESS SPECIFICALLY TESTED IN THE FORM AND MANNER INTENDED FOR USE TO DEMONSTRATE ITS ABILITY TO REMAIN IN PLACE AND TO RETARD THE SPREAD OF FIRE AND HOT GASES. (SECTION 718.2.1). FLAME SPREAD - 25 SMOKE DEVELOPMENT - 50 MAX
- FIRE BLOCKING IS NOT REQUIRED WITHIN CONCEALED SPACES CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS
- 3. DUCTWORK SHALL BE RIGIDLY ATTACHED TO BUILDING AND SHALL NOT BE CLOSER THAN 6" TO HANGER WIRES
- 4. HANGER WIRES MORE THAN 1-IN-6 OUT OF PLUMB SHALL HAVE COUNTER SLOPING



# TACTILE EXIT SIGNS

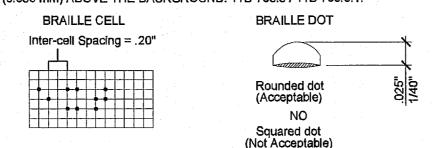
- 1. CHARACTER TYPE: CHARACTERS ON SIGNS SHALL BE RAISED 1/32 INCH (0.794 mm) MINIMUM AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY CONTRACTED GRADE 2 BRAILLE (SEE NOTE 5 BELOW).
- 2. CHARACTER SIZE: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8 INCH (15.9 mm) AND A MAXIMUM OF 2 INCHES (51 mm) HEIGHT BASED ON THE HEIGHT OF THE UPPERCASE "I".
- 3. FINISH AND CONTRAST: CONTRAST BETWEEN CHARACTERS, SYMBOLS AND THEIR BACKGROUND MUST BE 70% MINIMUM AND HAVE A NON-GLARE FINISH. 11B-703.5.1 / 11B-703.6.2 / 11B-703.7.1
- 4. PROPORTIONS: CHARACTERS ON SIGNS SHALL HAVE A WIDTH-TO HEIGHT RATIO OF BETWEEN 60% MIN. AND 110% MAX, AND A STROKE WIDTH-TO-HEIGHT RATIO OF BETWEEN 10% MIN. AND 20% MAX. OF THE CHARACTER HEIGHT, 11B-703.2.4, 11B-703.2.6, 11B-703.5.7.

ALL LETTERS MEASURED MUST BE UPPERCASE. AFTER CHOOSING A TYPE STYLE TO TEST, BEGIN BY PRINTING THE LETTERS "O", AND "I" AT 1 INCH HIGH. PLACE THE TEMPLATE'S 110% SQUARE OVER "O", IF THE CHARACTER IS NOT WIDER THAN 110% SQUARE, NOR NARROWER THAN THE 60% RECTANGLE, THE PROPORTIONS ARE CORRECT. USE THE 20% RECTANGLE TO DETERMINE IF THE STROKE OF THE "!" IS TOO BROAD, AND THE 10% RECTANGLE TO SEE IF ITS IS TOO NARROW. IF ALL THE TESTS ARE PASSED,

THE TYPE STYLE IS COMPLIANT WITH PROPORTION CODE. TEMPLATE FOR CHECKING CHARACTER AND STROKE WIDTH TO HEIGHT PROPORTIONS:



5. BRAILLE: CONTRACTED CALIFORNIA GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE 1/10 INCH (2.54 mm) ON CENTERS IN EACH CELL WITH 2/10 INCH (5.08 mm) SPACE BETWEEN CELLS, MEASURED FROM THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL. DOTS SHALL BE RAISED A MINIMUM OF 1/40 INCH (0.635 mm) ABOVE THE BACKGROUND. 11B-703.3 / 11B-703.3.1.



REQUIRED ROUNDED OR DOMED CALIFORNIA BRAILLED DOTS, EACH DISTINCT AND SEPARATE.



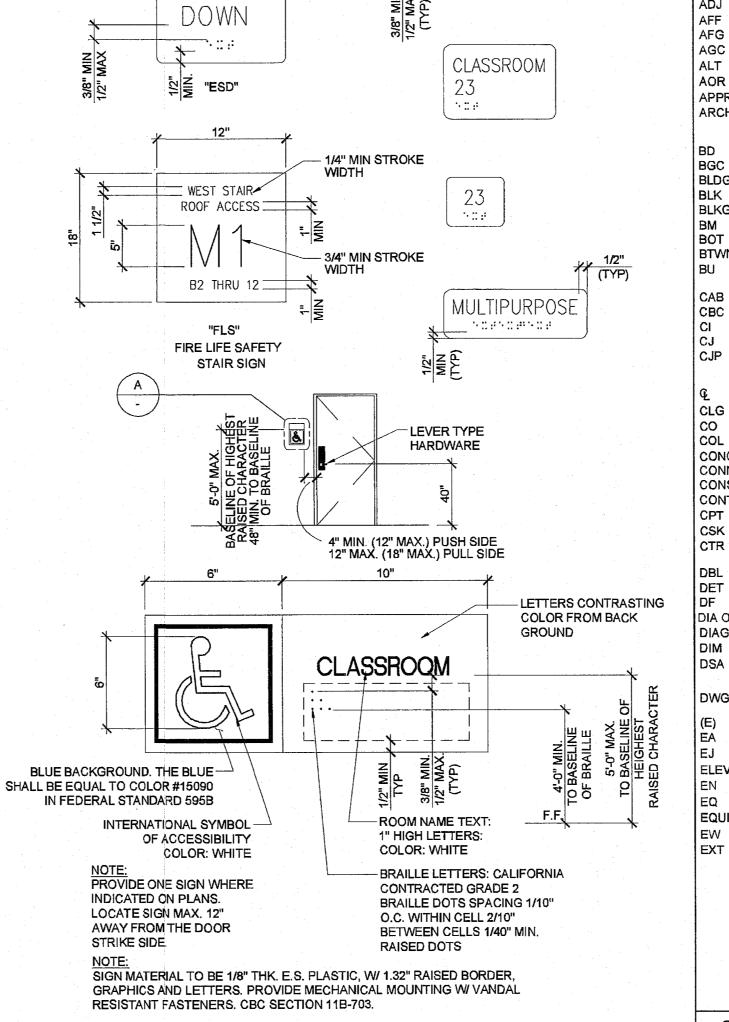
110% MAX. 60% MIN. CHARACTER PROPORTIONS

STROKE THICKNESS WIDTH-TO-HEIGHT PROPORTIONS TEMPLATE

20% MAX. 10% MIN.

2/10" SPACE BETWEEN CELLS (LETTERS) CALIFORNIA CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED, INDIVIDUAL BRAILLE DOTS SHALL BE DISTINCT AND SEPARATE, EACH DOT SHALL BE ROUNDED OR DOMED IN LIEU OF

SQUARE SIDED AND FLAT TOPPED. BRAILLE SPACING TEMPLATE PER TITLE 24



STAIR

**CLASSROOM** 

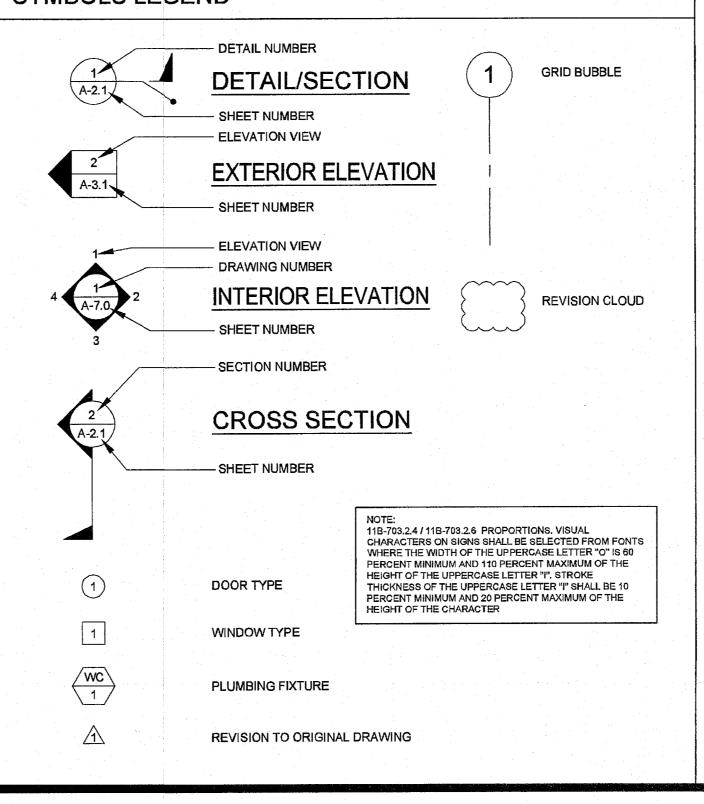
# ROOM IDENTIFICATION ROOM SIGNAGE (BY DISTRICT)

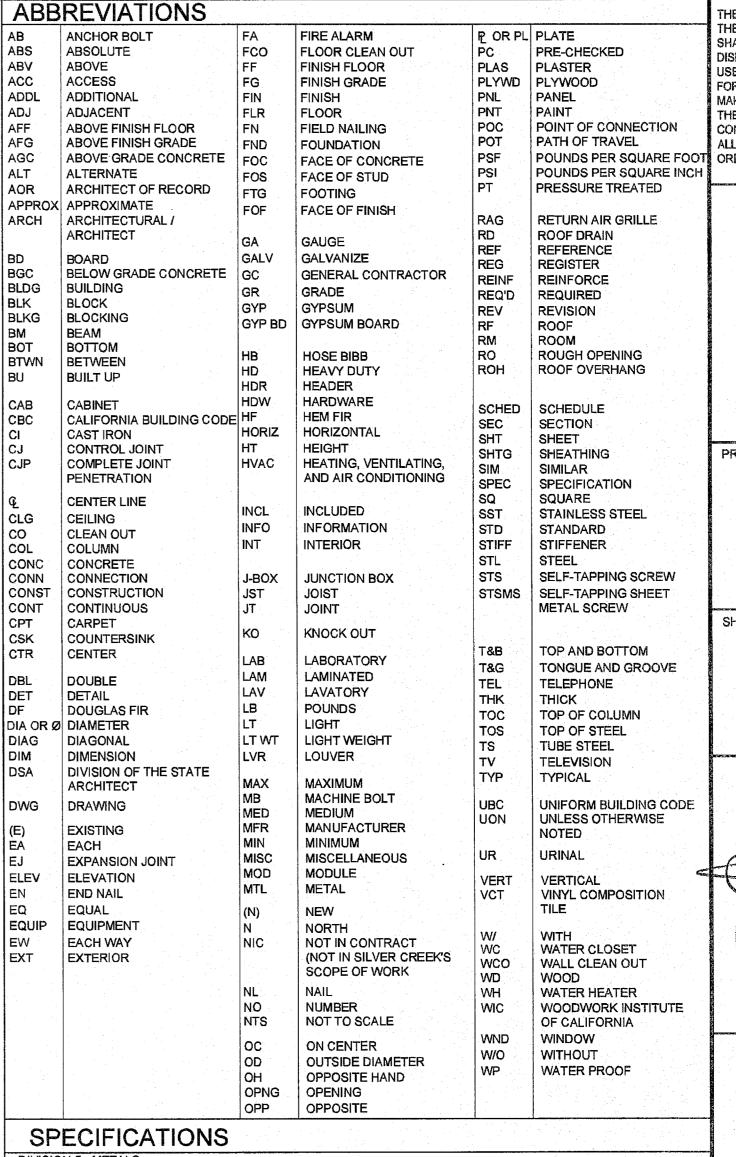
FOR SITE SPECIFIC LOCATIONS ARCHITECT TO PROVIDE BUILDING / ROOM IDENTIFICATION SIGNS. DETAILS AND LOCATIONS OF SIGNAGE TO BE INDICATED.

COORDINATE WITH NOTES 1 THROUGH 5 ON THIS SHEET.

# THIS DETAIL FOR REFERENCE ONLY

# SYMBOLS LEGEND





DIVISION 5 - METALS

05720 RAILINGS AND HANDRAILS ALL WELDED JOINTS AND SURFACES SHALL BE GROUND SMOOTH, NO SHARP OR ABRASIVE CORNERS EDGES OR SURFACES, WALL SURFACES ADJACENT TO HANDRAIL SHALL BE SMOOTH. DIVISION 8 - DOORS

08710 DOOR HARDWARE • IF THE DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LANDING SIDE OF THE DOOR. 11B-404.2.7 / 11B-309.4. ALL HARDWARE SHALL MEET THE REQUIREMENTS OF CBC SECTIONS CHAPTER 10, SECTION 1008.1.97 11B-404.2.7 AND 11B-309.4

 THRESHOLDS SHALL COMPLY WITH CBC SECTIONS 1008.1.7 AND 11B-404.2.5. • FLOOR STOPS SHALL NOT BE LOCATED IN THE PATH OF TRAVEL AND 4" MAXIMUM FROM WALLS

POLICY 99-08

08712 EXIT DEVICES: (WHERE APPLICABLE)

MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LB (22.2 N) FOR EXTERIOR AND 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, 5LBS MAX OR THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MAXIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 LBF (66.72 N) PER CBC SECTIONS 1008.1.3 AND 11B-404.2.9.

HAND-ACTIVATED DOOR OPENING HARDWARE, HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. MOUNTING HEIGHT OF LATCHING HARDWARE SHALL BE CENTERED BETWEEN 34 INCHES MIN AND 48 INCHES MAX ABOVI THE FLOOR PER CBC SECTION 1008.1.9.2. LATCHING AND LOCKING DOORS THAT ARE HAND-ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER-TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE. LOCKED EXIT DOOR SHALL OPERATE AS ABOVE IN EGRESS DIRECTION PER CBC SECTION 1008.1.2

PANIC HARDWARE SHALL NOT BE PROVIDED WITH "NIGHT LATCH" FUNCTION FOR ANY ACCESSIBLE DOORS OR GATES UNLESS THE FOLLOWING CONDITIONS ARE MET PER DSA INTERPRETATION 10-08 DSA/AC. SUCH CONDITIONS MUST BE CLEARLYDEMONSTRATED AND INDICATED IN THE SPECIFICATIONS:

 SUCH HARDWARE HAS A 'DOGGING' FEATURE. IT IS DOGGED DURING THE TIME THE FACILITY IS OPEN. • SUCH 'DOGGING' OPERATION IS PERFORMED ONLY BY EMPLOYEES AS THEIR JOB FUNCTION (NON-PUBLIC

9650 RESILIENT FLOORING: RESILIENT FLOORING DEMONSTRATING A COEFFICIENT OF FRICTION OF AT LEAST 0.6 PER ASTM D2047,

WILL BE ACCEPTED AS MEETING THE INTENT OF SLIP RESISTANCE. 09680 CARPETING: CARPET SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL-CUT, OR LEVEL-CUT/UNCUT PILE TEXTURE AND MAXIMUM PILE HEIGHT OF 1/2" PER CBC SECTION 11B-302.2. CARPET EDGES SHALL COMPLY WITH CBC 11B-303.

DIVISION 10 - SPECIALTIES 10155 TOILET COMPARTMENTS: CBC SECTION 11B-604.8.1.2

TOILET STALLS FOR DISABLED PERSONS SHALL HAVE SLIDE BOLT DOOR LATCH, U-SHAPE OR WIRE PULLS BOTH SIDES OF THE DOOR AND SELF-CLOSING HINGES. DOORS HARDWARE SHALL BE MOUNTED AT 34" MIN TO 44" MAX ABOVE FINISHED FLOOR. DOORS AT FRONT ENTRY STALLS SHALL HAVE 32" MINIMUM CLEAR WIDTH WHEN THE DOOR IS OPEN 90°. DOORS AT SIDE ENTRY STALLS SHALL HAVE 34" MINIMUM CLEAR WIDTH WHEN THE DOOR IS OPEN 90°.

0800 TOILET ACCESSORIES: TOILET ACCESSORIES REQUIRED TO BE ACCESSIBLE SHALL BE MOUNTED AT HEIGHTS ACCORDING TO CBC SECTION 11B-213.3. THE GRAB BAR CAN NOT PROJECT MORE THAN 3" INTO THE 48" MINIMUM CLEAR SPACE IN DATE: FRONT OF THE WATER CLOSET 11B-604.5 / 11B-604.8.1.5 / 11B-604.8.2.3. TOILET PAPER AND FEMININE NAPKIN DISPENSERS LOCATED ON THE GRAB BAR SIDE OF AN ACCESSIBLE TOILET ROOM OR STALL SHALL PROJECT MORE THAN THE GRAB BAR. THE ACCESSORY SHALL NOT BE LOCATED CLOSER THAN 1 1/2" CLEAR OF THE TANGENT POINT OF THE GRAB BAR. ACCESSORIES SURFACE MOUNTED ABOVE GRAB BAR WILL RESTRICT USABILITY.

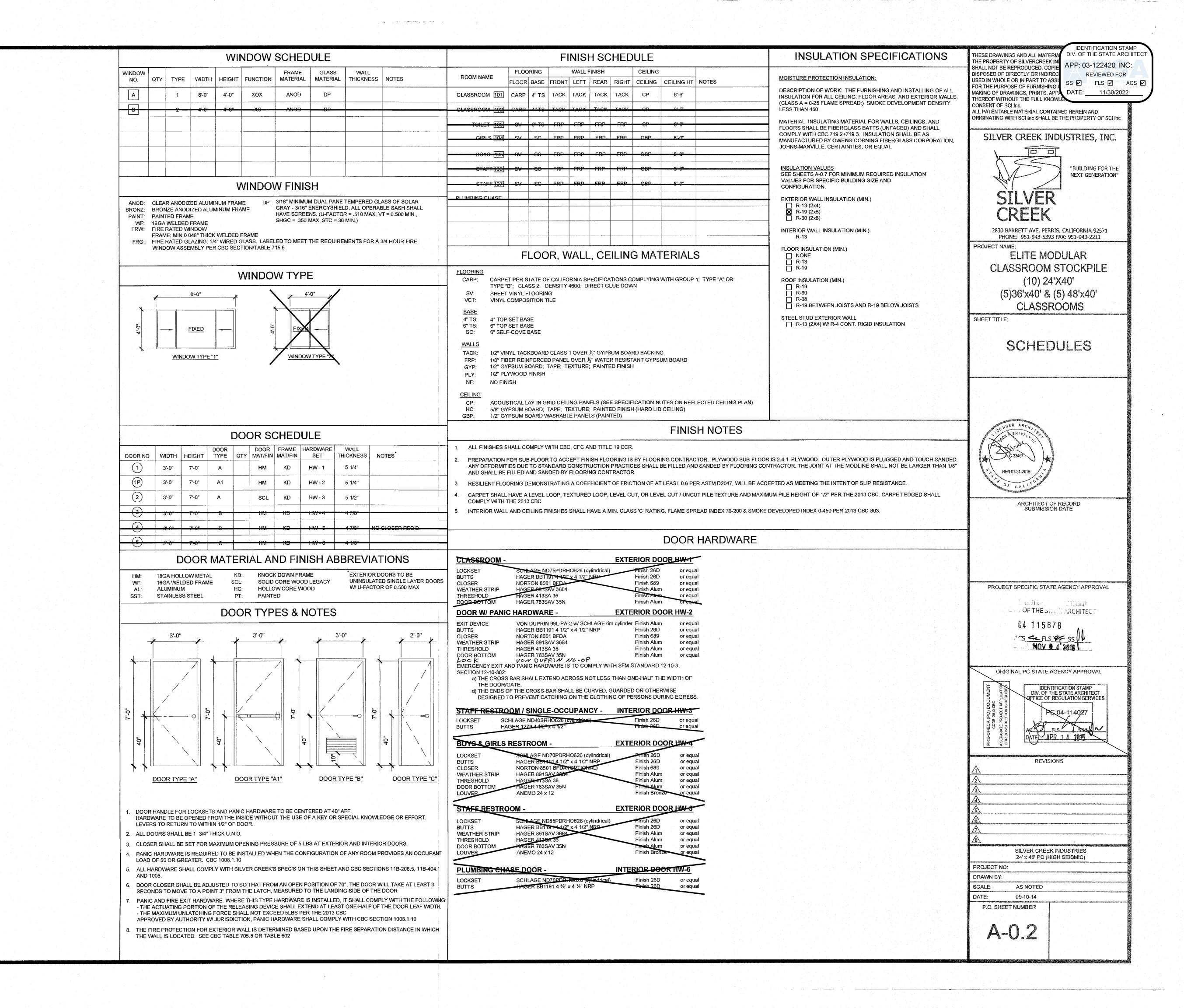
DIVISION 15 - MECHAN 15400 PLUMBING FIXTURES

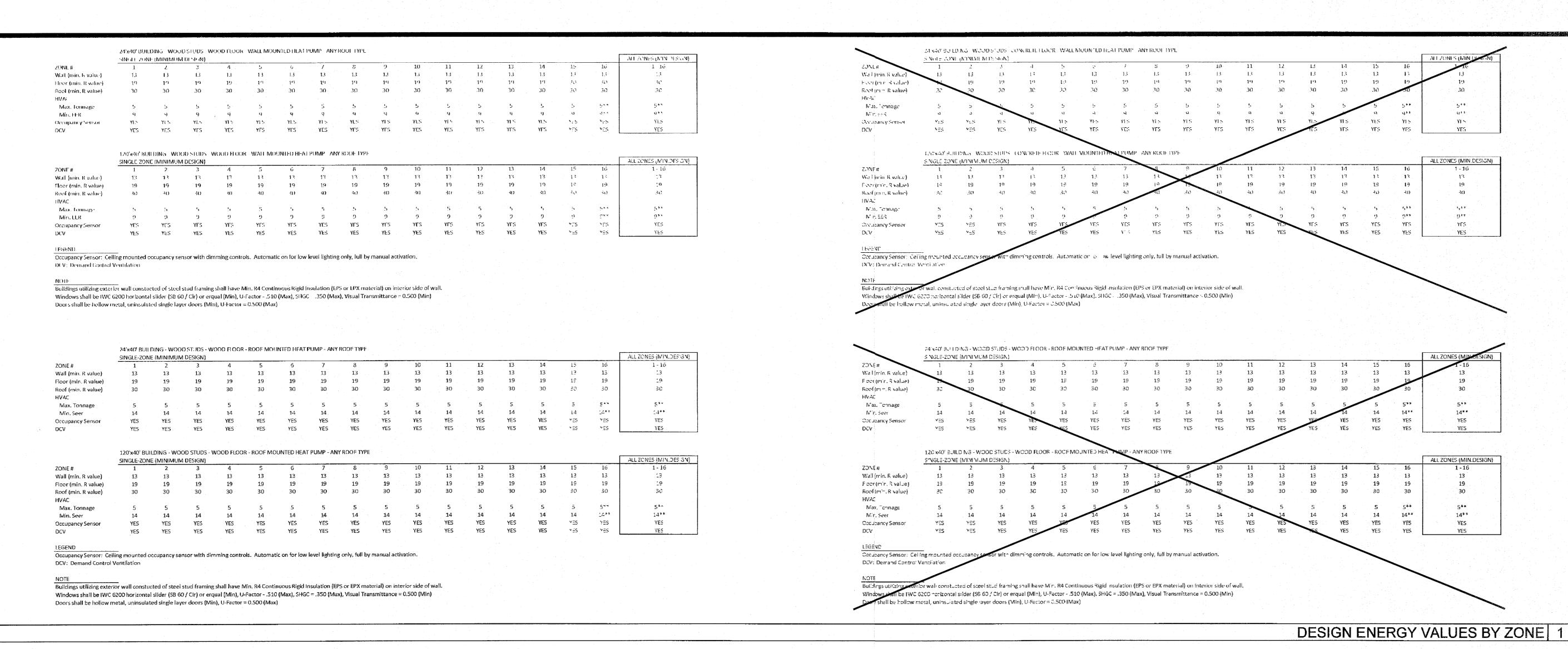
ACCESSIBLE PLUMBING FIXTURES SHALL COMPLY WITH ALL OF THE REQUIREMENTS OF CBC SECTION 11B-213.2 / 11B-603.2. HEIGHTS AND LOCATION OF ALL FIXTURES SHALL BE ACCORDING TO CBC TABLE 11B-604 9 FIXTURE CONTROLS SHALL COMPLY WITH CBC SECTION 11B-213.2 / 11B-603.2

THESE DRAWINGS AND ALL MATER IDENTIFICATION STAME THE PROPERTY OF SILVERCREE DIV. OF THE STATE ARCHITEC SHALL NOT BE REPRODUCED, ( APP: 03-122420 INC: DISPOSED OF DIRECTLY OR INDI USED IN WHOLE OR IN PART TO REVIEWED FOR FOR THE PURPOSE OF FURNISH SS 🗹 FLS 🗹 ACS 🗹 MAKING OF DRAWINGS, PRINTS THEREOF WITHOUT THE FULL KN DATE: 11/30/2022 CONSENT OF SCI Inc. ALL PATENTABLE MATERIAL CONTAINS ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc SILVER CREEK INDUSTRIES, INC. **"BUILDING FOR THE NEXT GENERATION'** 2830 BARRETT AVE. PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211 PROJECT NAME: ELITE MODULAR **CLASSROOM STOCKPILE** (10) 24'X40' (5)36'x40' & (5) 48'x40' **CLASSROOMS** SHEET TITLE: SYMBOLS LEGEND. **ABBREVIATIONS &** ADA SIGNAGE REN 01-31-2015 PROJECT SPECIFIC STATE AGENCY APPROVAL OF THE STATE ARCHITECT ORIGINAL PC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PG 04-114027 of FLS LASS WILL APR 14 /2015 REVISIONS SILVER CREEK INDUSTRIES 24' x 40' PC (HIGH SEISMIC) PROJECT NO: DRAWN BY: AS NOTED

09-10-14

P.C. SHEET NUMBER





# CONSTRUCTION WASTE MANAGEMENT PLAN

1. CONSTRUCTION AND DEMOLITION (C&D) WASTE: INCLUDES ALL NON-HAZARDOUS SOLID WASTES RESULTING

FROM CONSTRUCTION, REMODELING, ALTERATIONS, REPAIR, AND DEMOLITION, INCLUDES MATERIAL THAT IS RECYCLED, REUSED, SALVAGED OR DISPOSED AS GARBAGE. 2 RECYCLING: THE PROCESS OF SORTING, CLEANING, TREATING, AND RECONSTITUTING MATERIALS FOR THE PURPOSE OF USING THE MATERIAL IN THE MANUFACTURE OF A NEW PRODUCT.

3. CO-MINGLED C&D RECYCLING: THE PROCESS OF COLLECTING MIXED RECYCLABLE MATERIALS IN ONE CONTAINER ON-SITE. THE CONTAINER IS TAKEN TO A MATERIAL RECOVERY FACILITY WHERE MATERIALS ARE SEPARATED FOR RECYCLING.

B. PERFORMANCE REQUIREMENTS

1. GENERAL: WASTE MATERIAL GENERATED DURING PROJECTS SHALL BE RECYCLED OR REUSED WHENEVER PRACTICABLE. DIVERT A MINIMUM OF 90% C&D WASTE, BY WEIGHT, FROM THE LANDFILL BY A CO-MINGLED C&D RECYCLING FACILITY.

I. C&D WASTE MATERIALS THAT SHALL BE SALVAGED. REUSED OR RECYCLED INCLUDE. BUT ARE NOT LIMITED TO, THE FOLLOWING CONCRETE, METALS, WINDOW GLASS, WOOD, GYPSUM BOARD, CARPETING AND PAD, CEILING TILES

C. QUALITY ASSURANCE

PRECONSTRUCTION CONFERENCE: REVIEW METHODS AND PROCEDURES RELATED TO WASTE MANAGEMENT INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING I. REVIEW AND DISCUSS WASTE MANAGEMENT PLAN INCLUDING RESPONSIBILITIES OF WASTE MANAGEMENT COORDINATOR.

II. REVIEW REQUIREMENTS FOR DOCUMENTING QUANTITIES OF EACH TYPE OF MATERIALS THAT WILL BE SALVAGED, RECYCLED OR DISPOSED OF AS WASTE. III. REVIEW PROCEDURES FOR PERIODIC WASTE COLLECTION AND TRANSPORTATION TO RECYCLING AND DISPOSAL FACILITIES.

IV. REVIEW WASTE MANAGEMENT REQUIREMENTS FOR EACH TRADE.

D. WASTE MANAGEMENT PLAN

INDENTIFY AND CONTRACT WITH A WASTE MANAGEMENT SERVICES PROVIDER OR ASSIGN RESPONSIBILITY TO INHOUSE WASTE MANAGEMENT PROJECT ADMINISTRATOR

RESPONSIBLE PARTY SHALL DEVELOP AND PROVIDE A PLAN WHICH INCLUDES THE FOLLOWING INFORMATION: . TYPES OF C&D WASTE EXPECTED TO BE GENERATED DURING DEMOLITION AND CONSTRUCTION. II. PROPOSED METHODS FOR C&D WASTE SALVAGE, REUSE, RECYCLING AND DISPOSAL. III. PROPOSED METHODS FOR SALVAGE, REUSE, RECYCLING AND DISPOSAL DURING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, ONE OR MORE OF THE FOLLOWING:

A. REQUIRING SUBCONTRACTORS TO TAKE THEIR C&D WASTE TO A RECYCLING FACILITY, B. CONTRACTING WITH A RECYCLING HAULER TO HAUL RECYCLABLE C&D WASTE TO AN

APPROVED RECYCLING OR MATERIAL RECOVERY FACILITY. C. PROCESSING AND REUSING MATERIALS ON-SITE

SALVAGED FOR REUSE ON SITE, SOLD OR DONATED TO A THIRD PARTY

E. WASTE MANAGEMENT REPORT

1. WASTE MANAGEMENT SERVICES PROVIDER OR ADMINISTRATOR SHALL SUBMIT A CUMULATIVE WASTE MANAGEMENT REPORT ON A REGULAR BASIS WHICH INCLUDES: I. A RECORD OF THE TYPE AND QUANTITY, BY WEIGHT, OF EACH MATERIAL SALVAGED, REUSED, RECYCLED OR DISPOSED.

II. TOTAL QUANTITY OF WASTE RECYCLED AS A PERCENTAGE OF TOTAL WASTE. III. DISPOSAL RECEIPTS: COPY OF RECEIPTS ISSUED BY A DISPOSAL FACILITY FOR C&D WASTE THAT IS DISPOSED IN A LANDEILL.

IV. RECYCLING RECEIPTS: COPY OF RECEIPTS ISSUED BY APPROVED RECYCLING FACILITIES FOR COMINGLED MATERIALS, INCLUDE WEIGHT TICKETS FROM THE RECYCLING HAULER OR MATERIAL RECOVERY FACILITY AND VERIFICATION OF THE RECYCLING RATE FOR CO-MINGLED LOADS AT THE FACILITY. V. SALVAGED MATERIALS DOCUMENTATION: TYPES AND QUANTITIES, BY WEIGHT, FOR MATERIALS

F. CONSTRUCTION WASTE MANAGEMENT, GENERAL REQUIREMENTS

1. USE DETAILED MATERIAL ESTIMATES TO REDUCE RISK OF UNPLARMED AND POTENTIALLY WASTEFUL CUTS. 2, TO THE GREATEST EXTENT POSSIBLE, INCLUDE IN MATERIAL PURCHASING AGREEMENTS A WASTE REDUCTION PROVISION REQUESTING THAT MATERIALS AND EQUIPMENT BE DELIVERED IN PACKAGING MADE OF RECYCLABLE MATERIAL, THAT THEY REDUCE THE AMOUNT OF PACKAGING, THAT PACKAGING BE TAKEN BACK FOR REUSE OR RECYCLING, AND TO TAKE BACK ALL UNUSED PRODUCT. INSURE THAT SUBCONTRACTORS REQUIRE THE SAME PROVISIONS IN THEIR PURCHASE AGREEMENTS. 3. CONDUCT REGULAR VISUAL INSPECTIONS OF DUMPSTERS AND RECYCLING BINS TO REMOVE CONTAMINANTS.

G. REMOVAL OF CONSTRUCTION WASTE MATERIALS, GENERAL REQUIREMENTS 1. REMOVE C&D WASTE MATERIALS FROM PROJECT SITE ON A REGULAR BASIS. DO NOT ALLOW C&D WASTE TO ACCUMULATE ON-SITE. 2. TRANSPORT C&D WASTE MATERIALS OFF PROPERTY AND LEGALLY DISPOSE OF THEM. 3. BURNING OF C&D WASTE IS NOT PERMITTED.

# **IEQ PLAN**

A. CONSTRUCTION PHASE:

I. ALL MECHANICAL EQUIPMENT WHICH REQUIRES A FILTER SHALL NOT BE OPERATED WITHOUT A FILTER IN

II. ALL FILTERS SHALL HAVE A MERV RATING OF 8 OR GREATER. III. A PRESSURE GAUGE SHALL BE INSTALLED AT ALL MECHANICAL EQUIPMENT REQUIRING FILTERS WHICH MEASURES THE PRESSURE DROP ACROSS THE FILTER AND WHICH IS MARKED TO INDICATE WHEN THE FILTER REQUIRES CLEANING OR REPLACEMENT

2. PROTECTION OF MATERIALS 1. ALL BUILDING MATERIALS SHALL BE PROTECTED FROM WEATHER AND OTHER MOISTURE SOURCES WHEN

RECOMMEND BY THE MANUFACTURER. II. ANY POROUS MATERIAL WITH VISIBLE MICROBIAL GROWTH SHALL NOT BE INSTALLED.

III. ANY OTHER MATERIAL WITH VISIBLE MICROBIAL GROWTH SHALL BE THOROUGHLY CLEAN AND DECONTAMINATED PRIOR TO INSTALLATION.

3. PROTECTION OF INTERIOR ENVIRONMENT I. WHENEVER POSSIBLE ALL SANDING, CUTTING GRINDING OR OTHER ACTIVITIES WHICH WILL GENERATE AIRBORNE PARTICLES SHALL BE PERFORMED AWAY FROM THE BUILDING. II. WHERE AIRBORNE PARTICLE GENERATING ACTIVITIES CANNOT BE PERFORMED AWAY FROM THE BUILDING

PROTECTIVE MEASURES SHALL BE TAKE TO SEAL INTERIOR AREAS TO REDUCE OR ELIMINATE PARTICLE TRANSFER. III. ANY TEMPORARILY UNFILLED EXTERIOR OPENINGS SHALL BE PROTECTED WITH PLASTIC SHEETING, OR OTHER BARRIER, TO PREVENT THE MOISTURE AND OTHER CONTAMINANTS FROM ENTERING THE BUILDING. IV. ALL WELDING SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF EXTERIOR WALLS WHEREVER

POSSIBLE 4. DUCT SYSTEM CONSTRUCTION I, THE DUCT SYSTEMS SHALL BE CONSTRUCTED AND INSTALLED PER THE SMACNA HV AC DUCT

V. ALL OIL FILM SHALL BE REMOVED FROM DUCTS PRIOR TO INSTALLATION.

CONSTRUCTION STANDARDS FOR METAL AND FLEXIBLE DUCTWORK. II. THE DUCT SYSTEMS SHALL BE CONSTRUCTED AND INSTALLED PER THE SMACNA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS. III. THE DUCT SYSTEMS SHALL BE CONSTRUCTED AND INSTALLED NFPA 90A & NFPA 90B.

IV. ALL OPEN DUCTS AND REGISTERS SHALL BE PROTECTED WITH PLASTIC SHEETING, OR OTHER BARRIER, UNTIL. THE BUILDING HAS BEEN COMPLETELY INSTALLED AND ENCLOSED AND THE MECHANICAL SYSTEM IS

VI. ALL DUST AND DIRT SHALL BE REMOVED FROM BOTH THE INTERIOR AND EXTERIOR OF ALL DUCTS PRIOR TO INSTALLATION. 5. MATERIALS INSTALLATION

1. NATURAL OR TEMPORARY MECHANICAL VENTILATION SHALL BE PROVIDED WHEN MATERIALS WHICH EMIT VOLATILE ORGANIC COMPOUNDS (VOC) ARE INSTALLED. II, NATURAL OR TEMPORARY MECHANICAL VENTILATION SHALL BE CONTINUED UNTIL SUCH A TIME THAT THE VOE EMISSIONS HAVE DISSIPATED.

III. ANY TEMPORARY VENTILATION SHALL BE EXHAUSTED TO THE EXTERIOR OF THE BUILDING. IV. WHEN TEMPORARY MECHANICAL VENTILATION IS USED A CONSTRUCTION FILTER SHALL BE INSTALLED WITH MERV RATING OF NOT LESS THAN 8, THE CONSTRUCTION FILTER SHALL BE REPLACED PRIOR TO

OCCUPANCY V. MATERIALS INSTALLATION SHALL BE SEQUENCED WHENEVER POSSIBLE TO ALLOW FOR THE INSTALLATION OF YOE EMITTING MATERIALS PRIOR TO THE INSTALLATION OF POROUS AND FIBROUS MATERIALS. VI. MATERIALS WHICH EMIT A SIGNIFICANT AMOUNT OF VOCS OR ODORS SHALL BE STORED IN A MANNER

WHICH ALLOWS FOR OFF-GASSING, IN A DRY AND WELL VENTIL ATION AREA, PRIOR TO INSTALLATION. VIL CARPETED SURFACES SHALL BE VACUUMED PER THE CRI/GREEN LABEL VACUUM CLEANER PROGRAM REQUIREMENTS AT COMPLETION OF CONSTRUCTION AND PRIOR TO OCCUPANCY.

# **ACOUSTICAL CONTROL**

ALL REGULARLY OCCUPIED BUILDINGS CONSTRUCTED PER THIS PC SHALL MEET THE REQUIREMENTS OF THE 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.507.4. THE ARCHITECT OF RECORD FOR THE PROJECT SITE THE PC BUILDING IS TO BE INSTALLED UPON SHALL. IDENTIFY IF ANY NOISE TRANSMISSION MEASURES ARE REQUIRED BASED UPON THE NOISE LEVEL PRESENT AT THE PROJECT SITE. IF NECESSARY WALL, ROOF AND WINDOW ASSEMBLIES MEETING THE STC AND OR OITC RATINGS SPECIFIED IN SECTIONS 5.507.4.1 + 5.507.4.1.1 SHALL BE UTILIZED.

# LOW EMITTING MATERIALS + MOISTURE MANAGEMENT

SEALANTS AND CAULKS
ALL ADHESIVES, SEALANTS AND CAULKS APPLIED IN THE PROJECT'S INTERIOR SHALL MEET THE REQUIREMENTS OF THE 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.1. PRODUCTS IN THIS CATEGORY INCLUDE BUT ARE NOT LIMITED TO CARPET, RESILIENT AND WOOD FLOORING ADHESIVES; BASE COVE ADHESIVES; CERAMIC TILE ADHESIVES; DRYWALL AND PANEL ADHESIVES; AEROSOL ADHESIVES; ADHESIVE PRIMERS; ACOUSTICAL SEALANTS; FIRE STOP SEALANTS; HVAC DUCT SEALANTS, SEALANT PRIMERS; AND CAULKS.

ALL PAINTS AND ARCHITECTURAL COATINGS APPLIED IN THE PROJECT'S INTERIOR SHALL MEET THE REQUIREMENTS OF THE 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.3. PRODUCTS IN THIS CATEGORY INCLUDE BUT ARE NOT LIMITED TO SEALERS, STAINS, CLEAR WOOD FINISHES, FLOOR SEALERS AND COATINGS, WATERPROOFING SEALERS, PRIMERS, FLAT PAINTS AND COATINGS, NON-FLAT PAINTS AND COATINGS, AND RUST PREVENTATIVE COATINGS.

RESILIENT FLOORING SYSTEMS
ALL FLOORING SYSTEMS SHALL MEET THE REQUIREMENTS OF THE 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.6.

ALL OF THE COMPOSITE WOOD PRODUCTS INSTALLED IN THE PROJECT SHALL MEET THE REQUIREMENTS OF THE 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5,504.4.5. COMPOSITE WOOD PRODUCTS IN THIS CATEGORY ARE DEFINED IN THE CALIFORNIA AIR RESOURCE'S BOARD (CARE) AIRBORNE TOXIC CONTROL MEASURE (ATCM) TO REDUCE FORMALDEHYDE EMISSIONS FROM COMPOSITE WOOD PRODUCTS (SECTIONS 93120-93120.12. TITLE 17, CALIFORNIA CODE OF REGULATIONS. THE AFFECTED PRODUCTS INCLUDE HARDWOOD PLYWOOD, PLYWOOD WITH DECORATIVE SOFTWOOD VENEER, LAMINATED PRODUCTS WITH A COMPOSITE WOOD CORE OR PLATFORM, PARTICLEBOARD, MEDIUM DENSITY FIBERBOARD (MDF), AND FINISHED GOODS FABRICATED FROM.

ALL CEILING AND WALL SYSTEMS INSTALLED IN THE PROJECT'S INTERIOR TOTALING 90% OR MORE OF THE TOTAL AREAS OF SUCH PRODUCTS SHALL MEET THESE REQUIREMENTS. CEILING AND WALL SYSTEMS INCLUDE BUT ARE NOT LIMITED TO CEILING INSULATION INSTALLED WITHIN THE STRUCTURAL ENVELOP, WALL INSULATION, ACOUSTICAL CEILING PANELS, GYPSUM BOARD WALL PANELS, TACKABLE WALL PANELS, AND WALL COVERINGS. CERAMIC TILE AND OTHER ORGANIC-FREE METAL- OR MINERAL-BASED WALL COVERINGS ARE AVAILABLE FOR CREDIT WITHOUT ANY TESTING REQUIREMENTS, SITE APPLIED ADHESIVES AND SEALANTS AND SITE APPLIED PAINTS AND COATINGS ASSOCIATED WITH CEILING AND WALL SYSTEMS ARE TREATED UNDER OPTIONS 1 AND 2, RESPECTIVELY. CEILING AND WALL SYSTEMS SHALL BE TESTED AND EVALUATED FOR EMISSIONS OF VOCS OF CONCERN WITH RESPECT TO CHRONIC INHALATION EXPOSURES FOLLOWING THE SPECIFICATIONS OF THE CDPH STANDARD METHOD V1.1. THE SEPARATE COMPONENTS OR DISTINCT LAYERS OF THESE SYSTEMS SHALL BE MODELED TO THE STANDARD PRACTICE SCHOOL CLASSROOM USING THE CLASSROOM CEILING AREA AND/OR WALL AREA AS APPROPRIATE. FOR SYSTEMS CONSISTING OF MORE THAN ONE DISTINCT LAYER (E.G., WALLS COMPRISED OF INSULATION, WALL PANEL AND WALL COVERING), ALL LAYERS SHALL INDIVIDUALLY MEET THE REQUIREMENTS OF THE STANDARD PRACTICE.

ALL CARPET SYSTEMS SHALL MEET THE REQUIREMENTS OF THE 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.4. ALL CARPET SHALL BE PER THE CARPET AND RUG INSTITUTE'S GREEN LABEL PLUS PROGRAM OR SHALL BE LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE. ALL CARPET PAD SHALL BE PER THE CARPET AND RUG INSTITUTE GREEN LABEL PROGRAM.

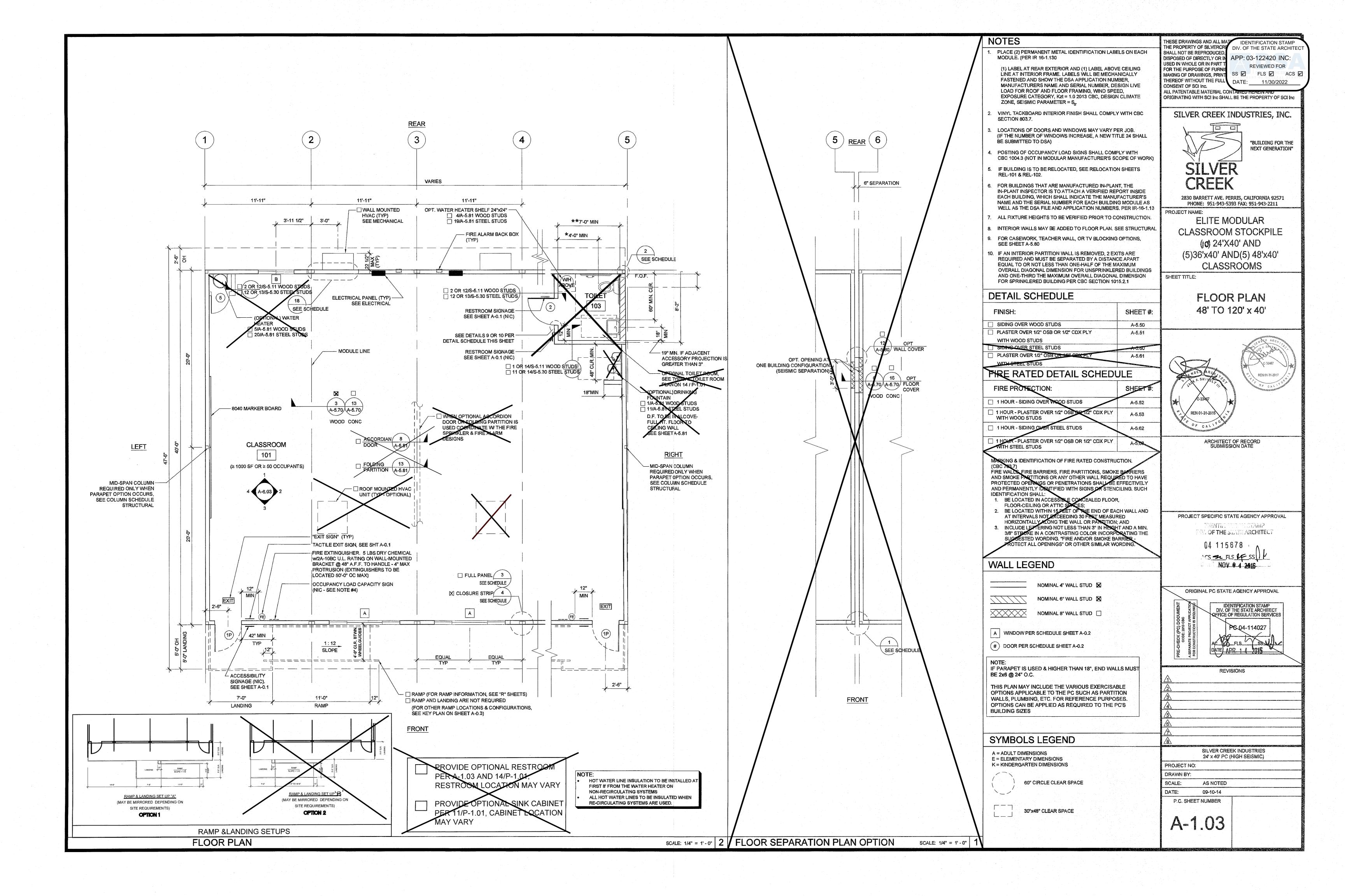
ALL WALL AND FLOOR SURFACES WITHIN 24" OF A PRIMARY EXTERIOR DOOR SHALL BE NON-ABSORBANT. ALL PRIMARY EXTERIOR DOORS SHALL BE PROTECTED BY AN OVERHANG, AWNING OR SIMILAR ELEMENT NOT LESS THAN 48" IN DEPTH.

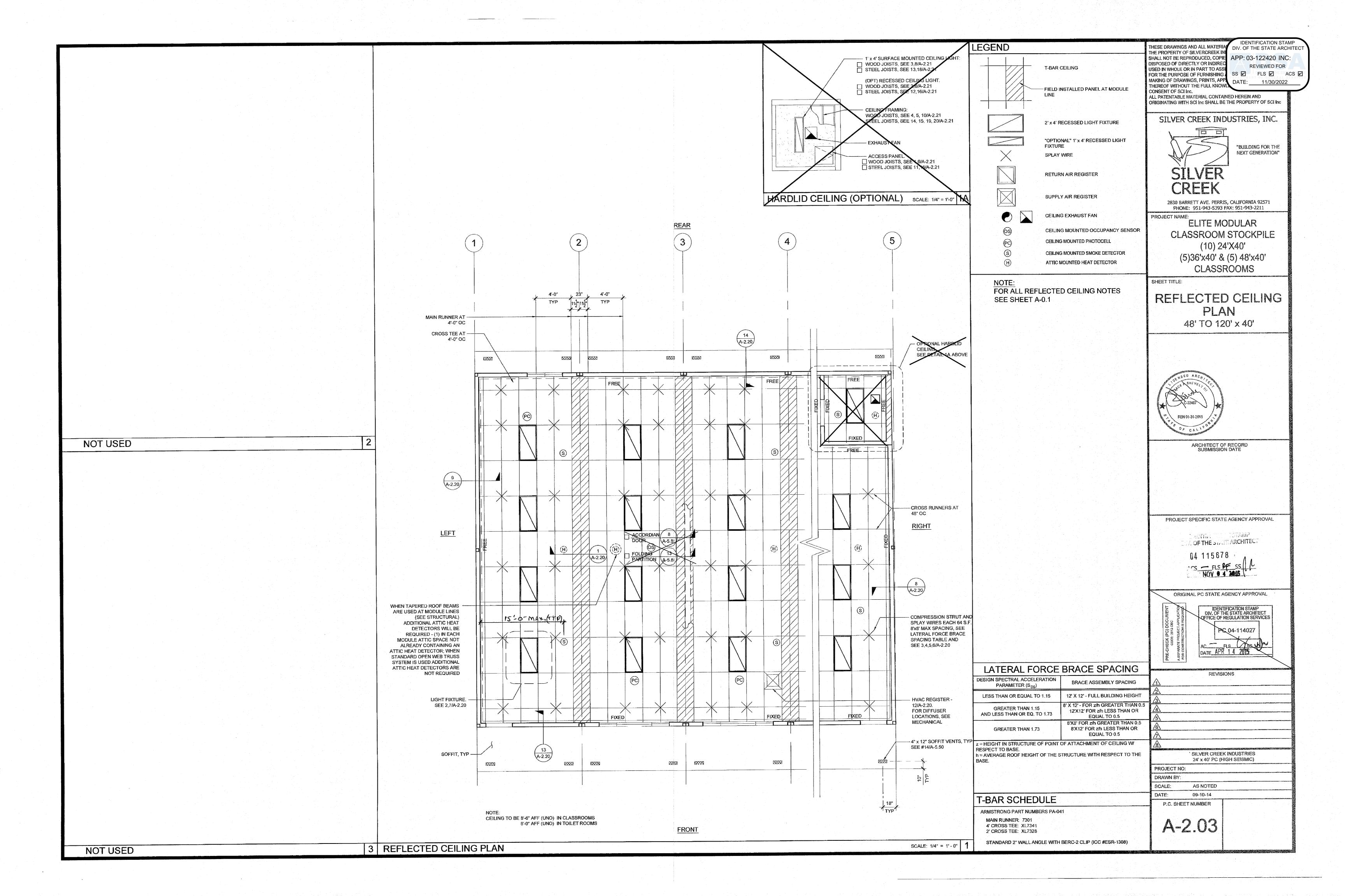
# **OUTDOOR AIR QUALITY**

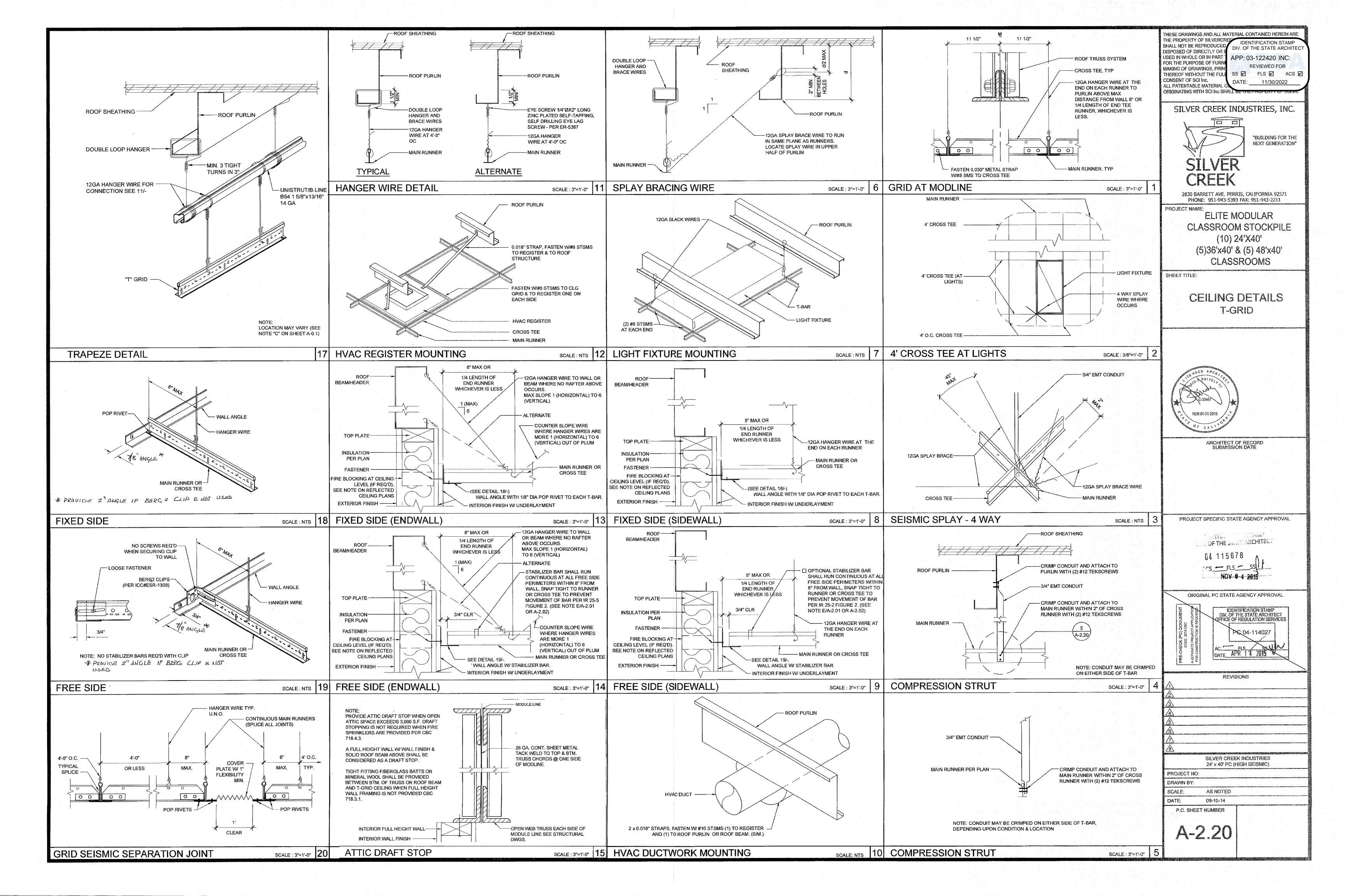
HVAC, REFRIGERATION AND FIRE SUPPRESSION SYSTEMS SHALL NOT CONTAIN CFCs OR HALONS.

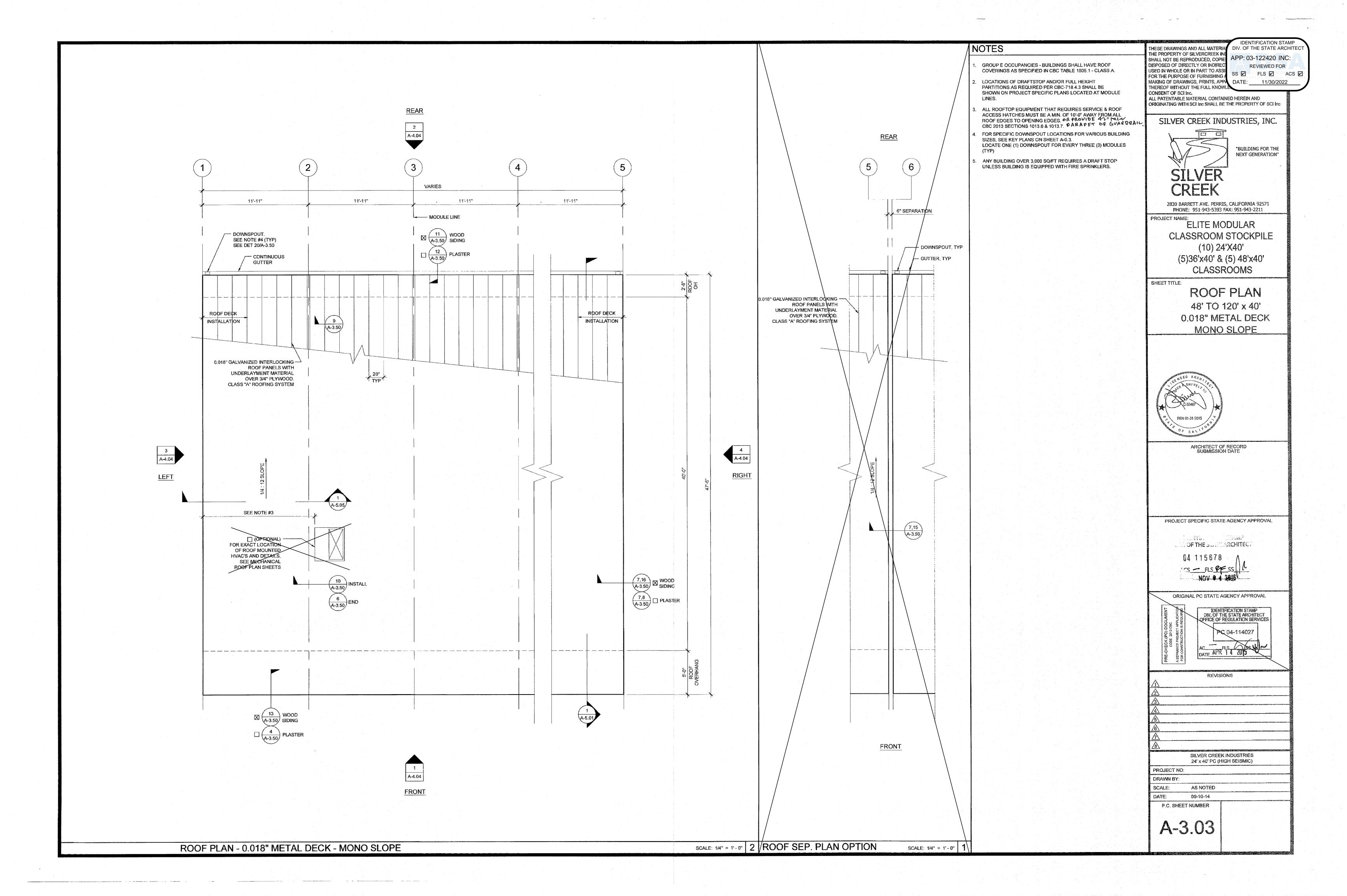
THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN AR THE PROPERTY OF SILVERCE IDENTIFICATION STAME SHALL NOT BE REPRODUCE DIV. OF THE STATE ARCHITEC DISPOSED OF DIRECTLY OF USED IN WHOLE OR IN PART APP: 03-122420 INC FOR THE PURPOSE OF FUR REVIEWED FOR MAKING OF DRAWINGS, PF SS 🗹 FLS 🗹 ACS 🗹 THEREOF WITHOUT THE FL CONSENT OF SCI Inc. DATE: 11/30/2022 ALL PATENTABLE MATERIAL ORIGINATING WITH SCI Inc SHALL SILVER CREEK INDUSTRIES, INC "BUILDING FOR THE **NEXT GENERATION"** 2830 BARRETT AVE. PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211 PROJECT NAME **ELITE MODULAR** CLASSROOM STOCKPILE (10) 24'X40' (5)36'x40' & (5) 48'x40' **CLASSROOMS** SHEET TITLE: **DESIGN ENERGY** CALGREEN SPEC'S ARCHITECT OF RECORD PROJECT SPECIFIC STATE AGENCY APPROVAL OF THE STAR ARCHITECT ORIGINAL PC STATE AGENCY APPROVAL FFICE OF REGULATION SERVICES APR 1 4 2015 REVISIONS SILVER CREEK INDUSTRIES 24' x 40' PC (HIGH SEISMIC) PROJECT NO: DRAWN BY: SCALE: AS NOTED DATE 09-10-14 P.C. SHEET NUMBER

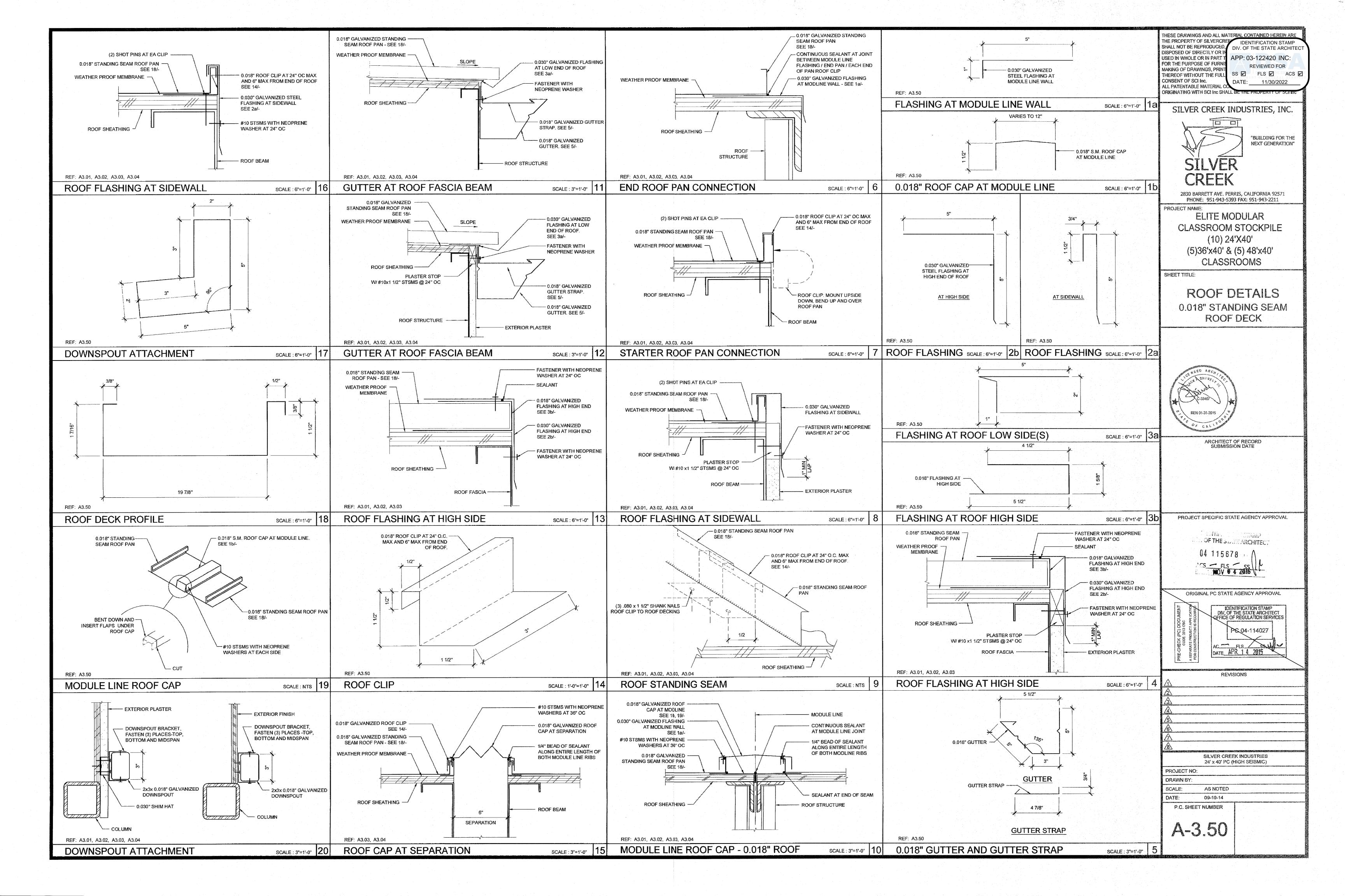
CALGREEN SPECIFICATIONS 2

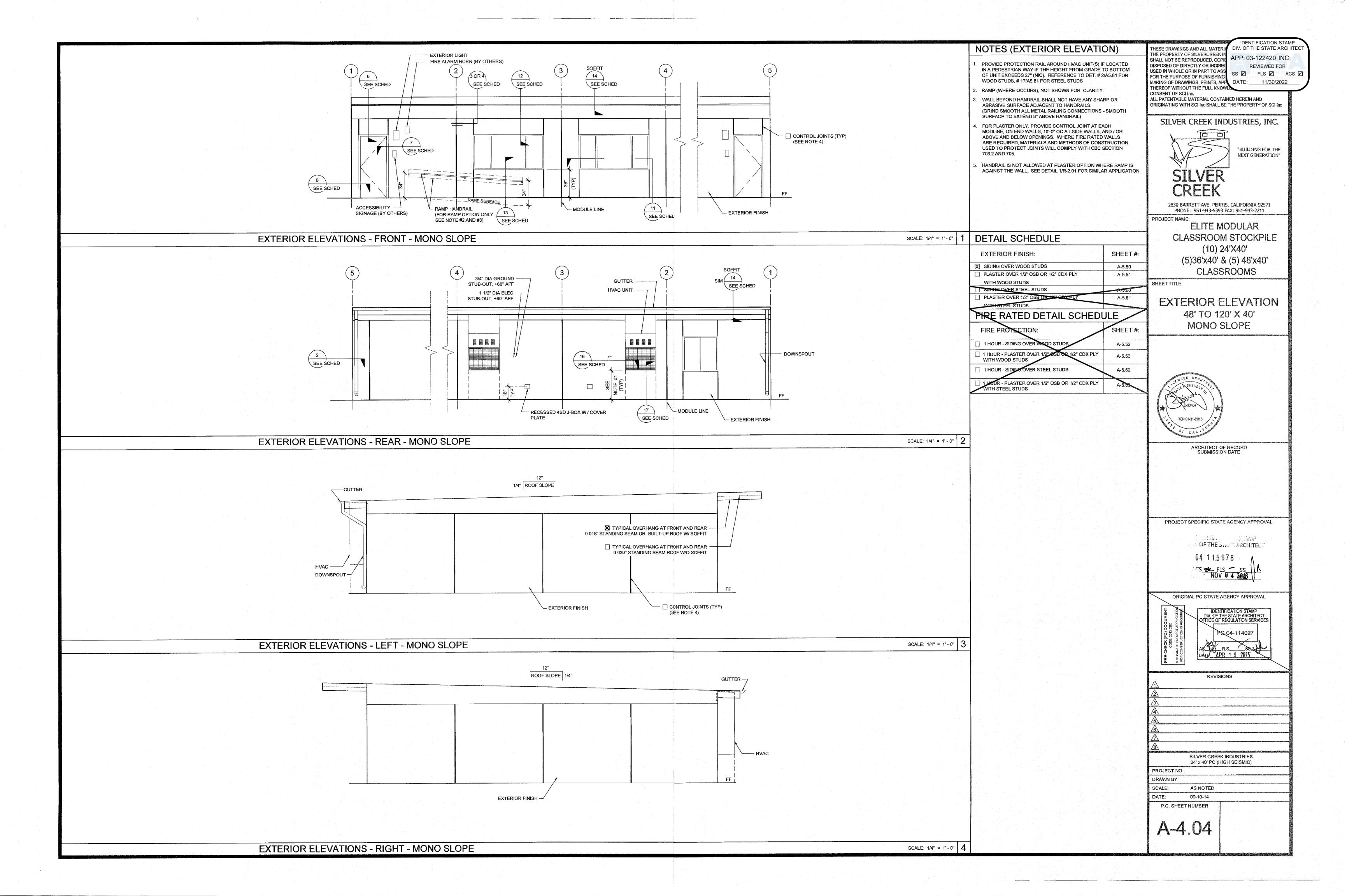


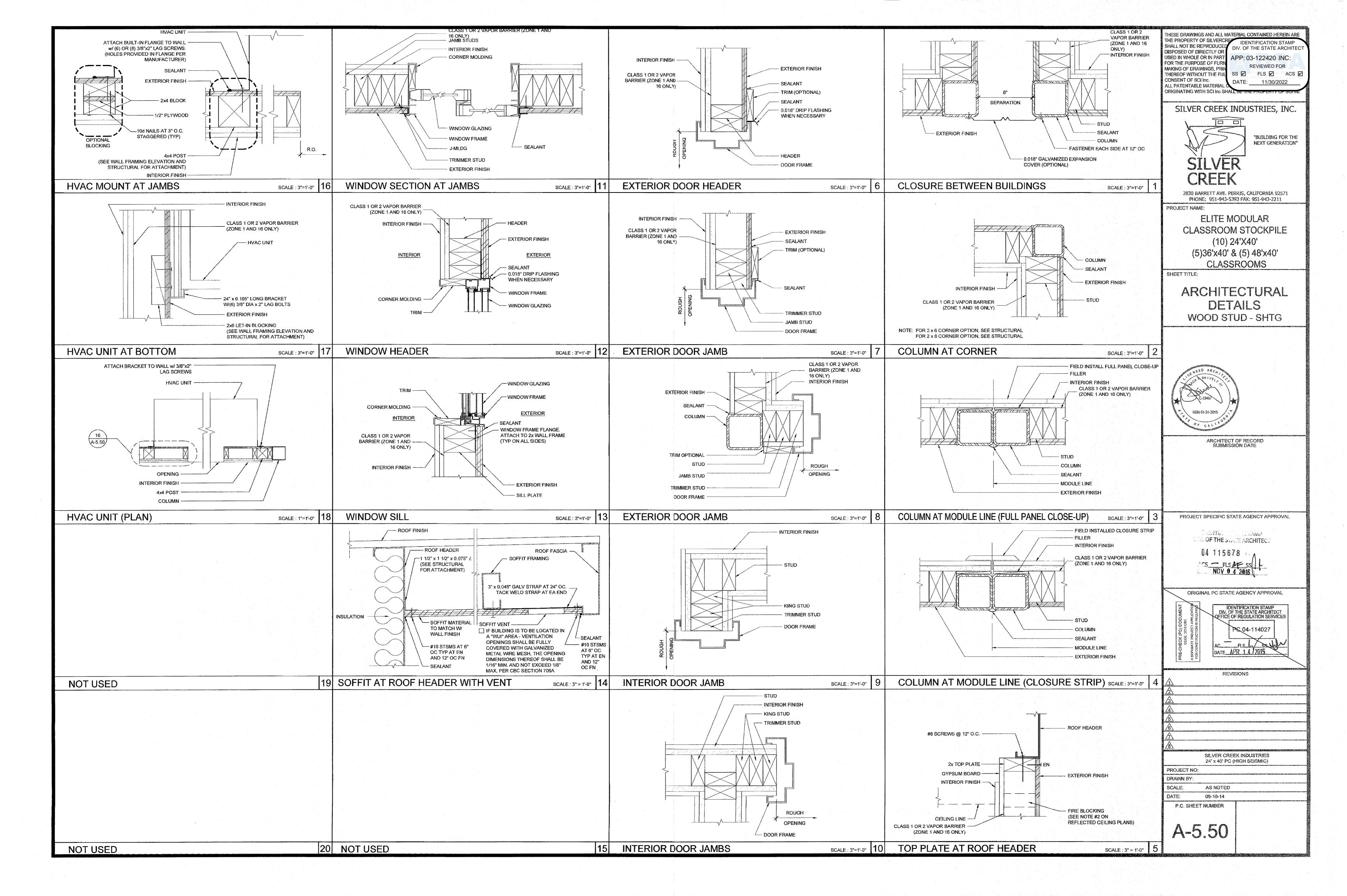


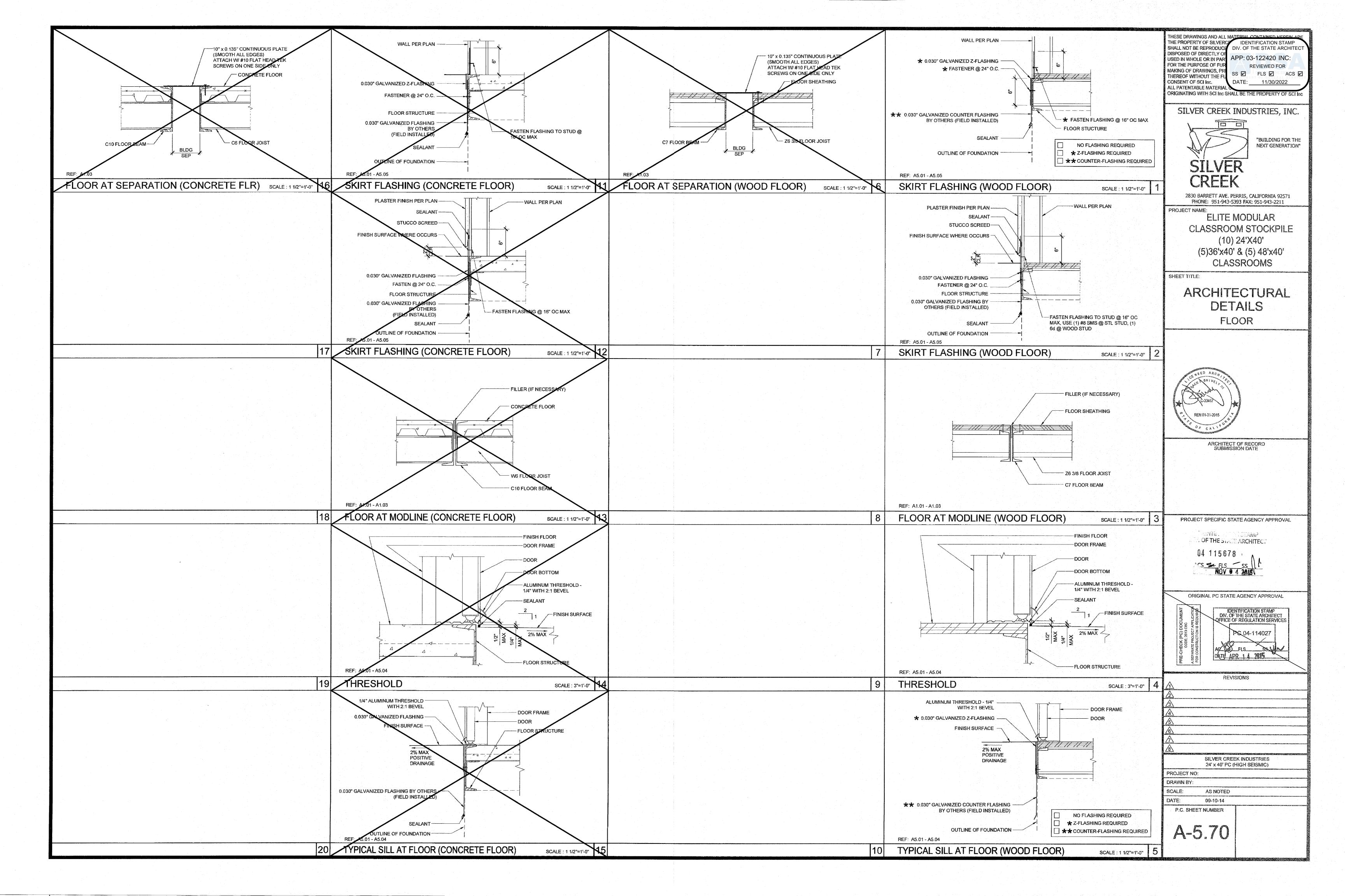


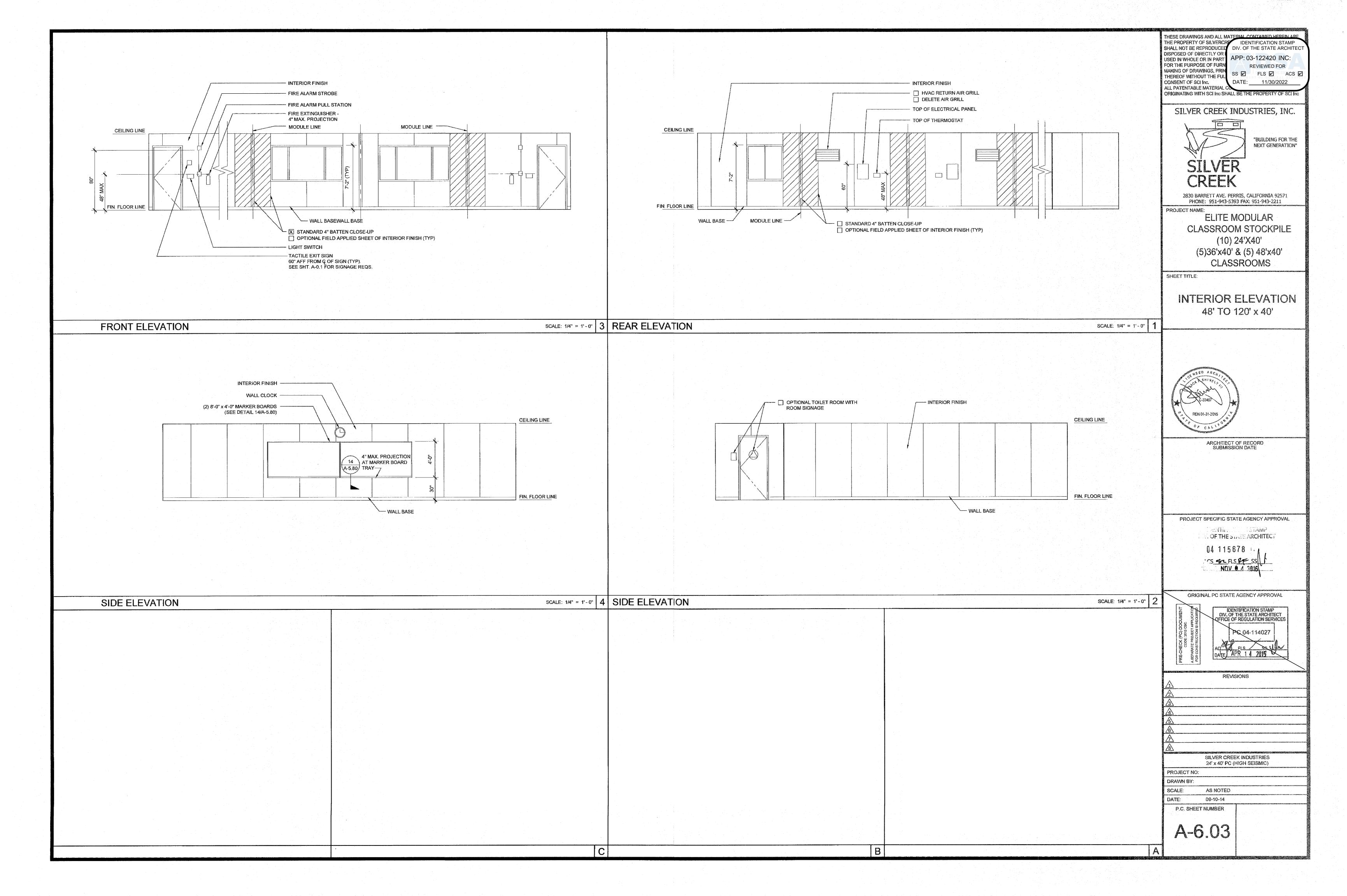


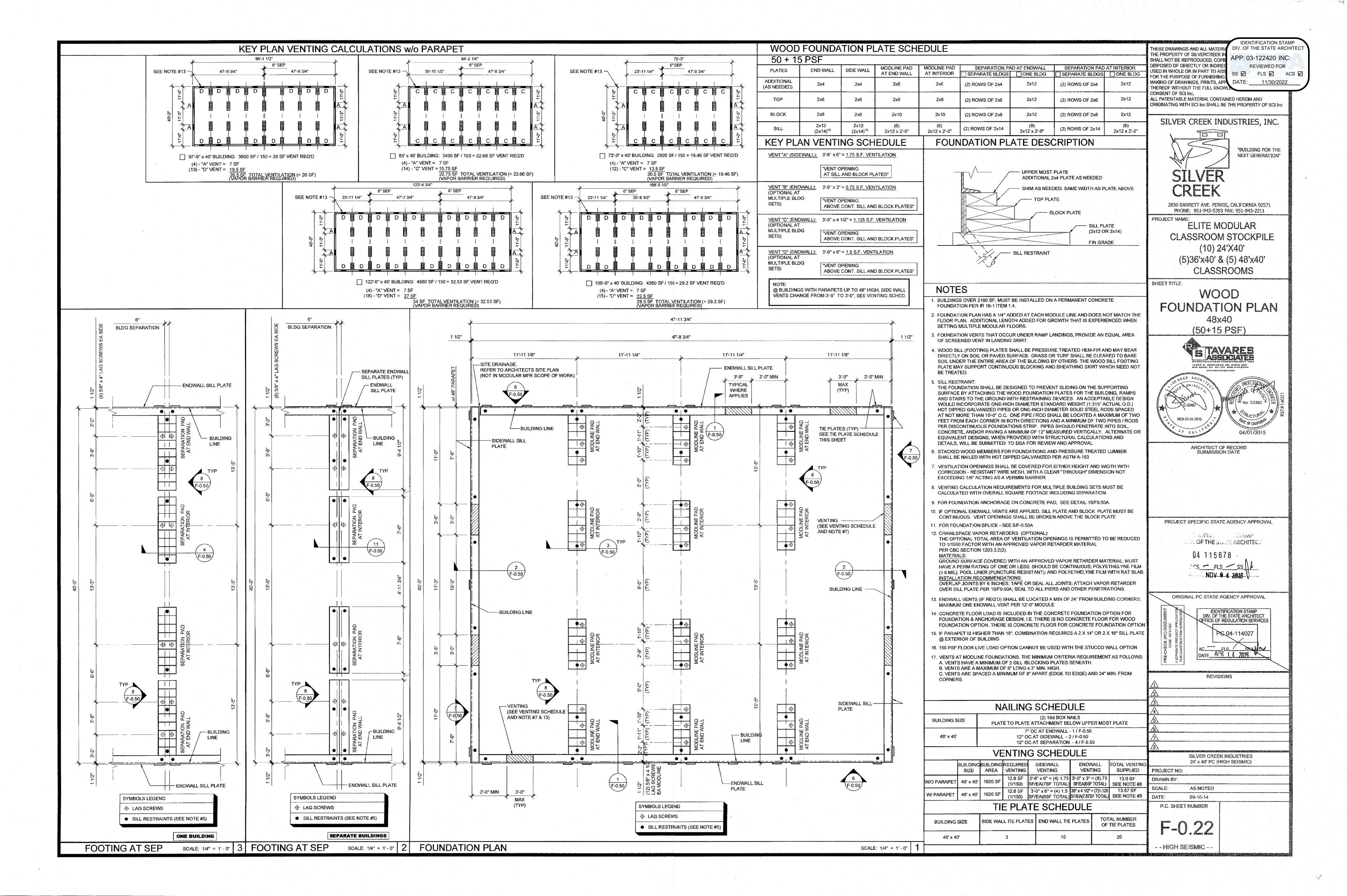


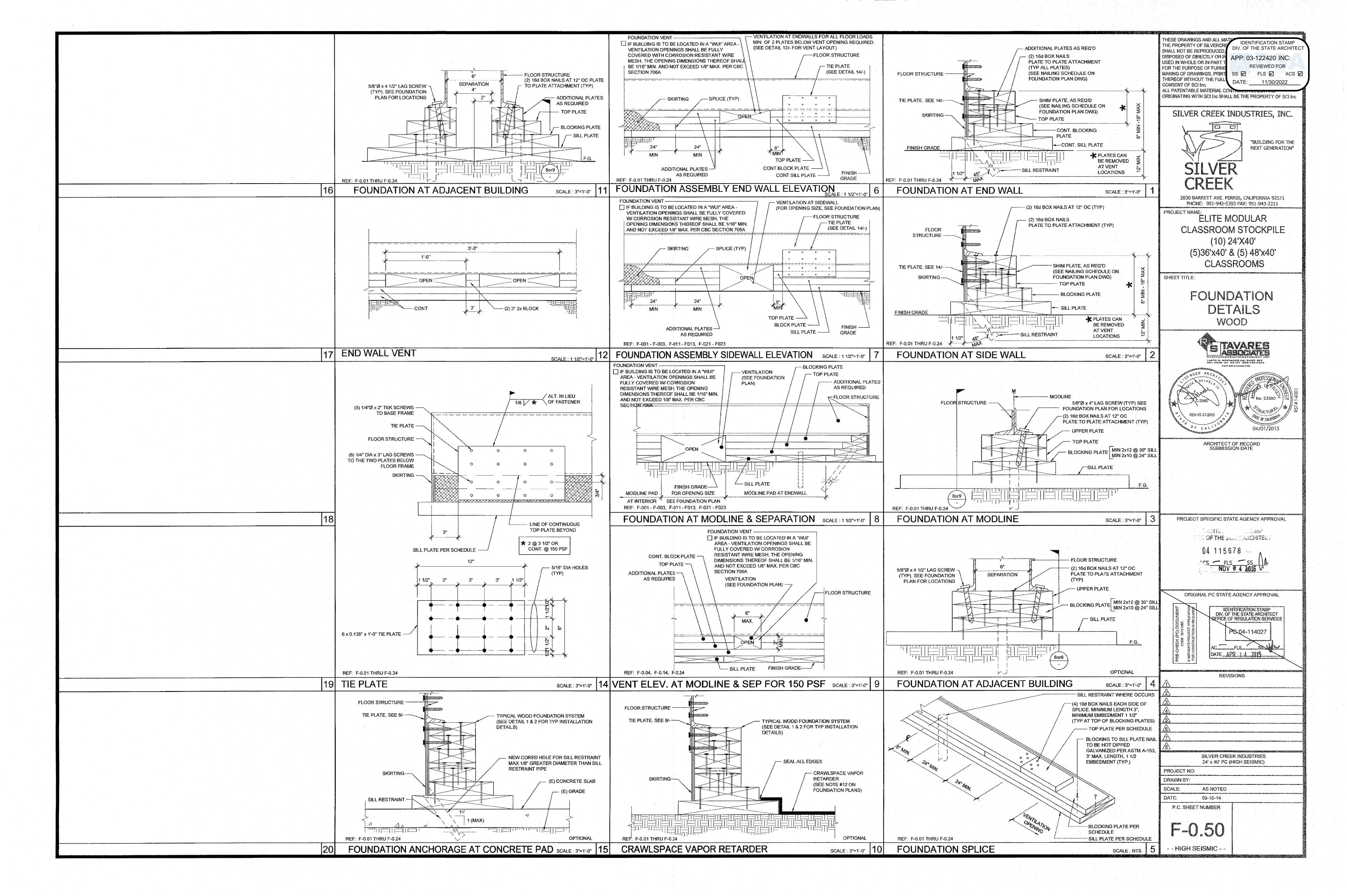


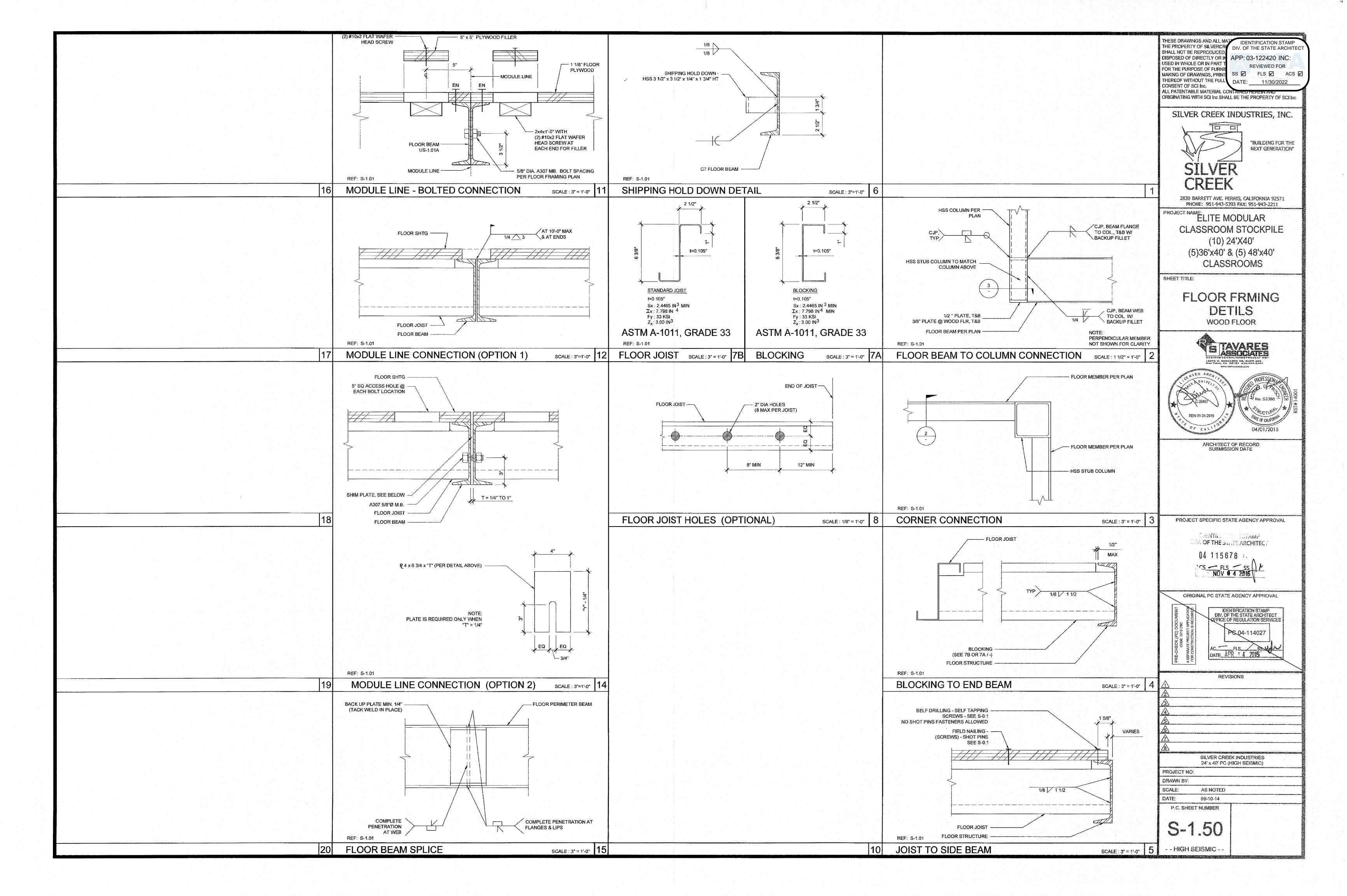


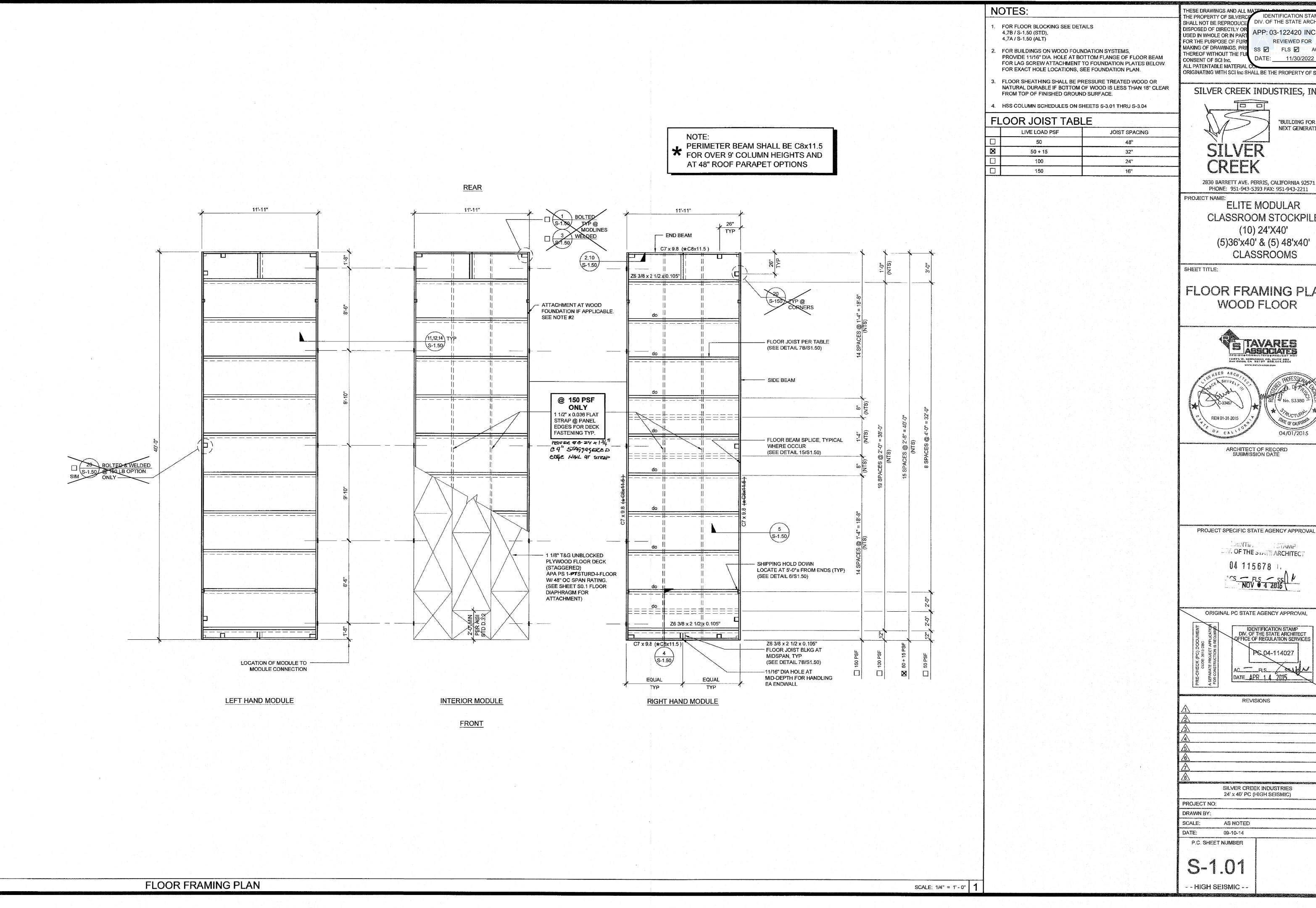












THESE DRAWINGS AND ALL MATER IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT THE PROPERTY OF SILVERO SHALL NOT BE REPRODUCE DISPOSED OF DIRECTLY OR USED IN WHOLE OR IN PART FOR THE PURPOSE OF FURI MAKING OF DRAWINGS, PRI

APP: 03-122420 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 DATE: 11/30/2022

ALL PATENTABLE MATERIAL C ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc

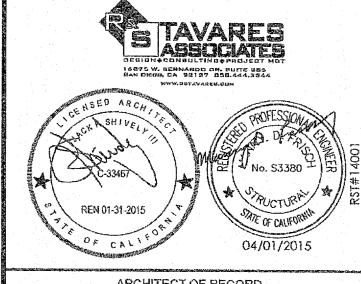
SILVER CREEK INDUSTRIES, INC. "BUILDING FOR THE **NEXT GENERATION"** 

2830 BARRETT AVE. PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211

ELITE MODULAR CLASSROOM STOCKPILE (10) 24'X40' (5)36'x40' & (5) 48'x40' CLASSROOMS

SHEET TITLE:

FLOOR FRAMING PLAN WOOD FLOOR



ARCHITECT OF RECORD SUBMISSION DATE

JENTIF. STAMP OF THE STATE ARCHITECT 04 115678 ...

NOV 6 4 2016

DATE APR 1 4 2015

ORIGINAL PC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PS 04-114027

REVISIONS

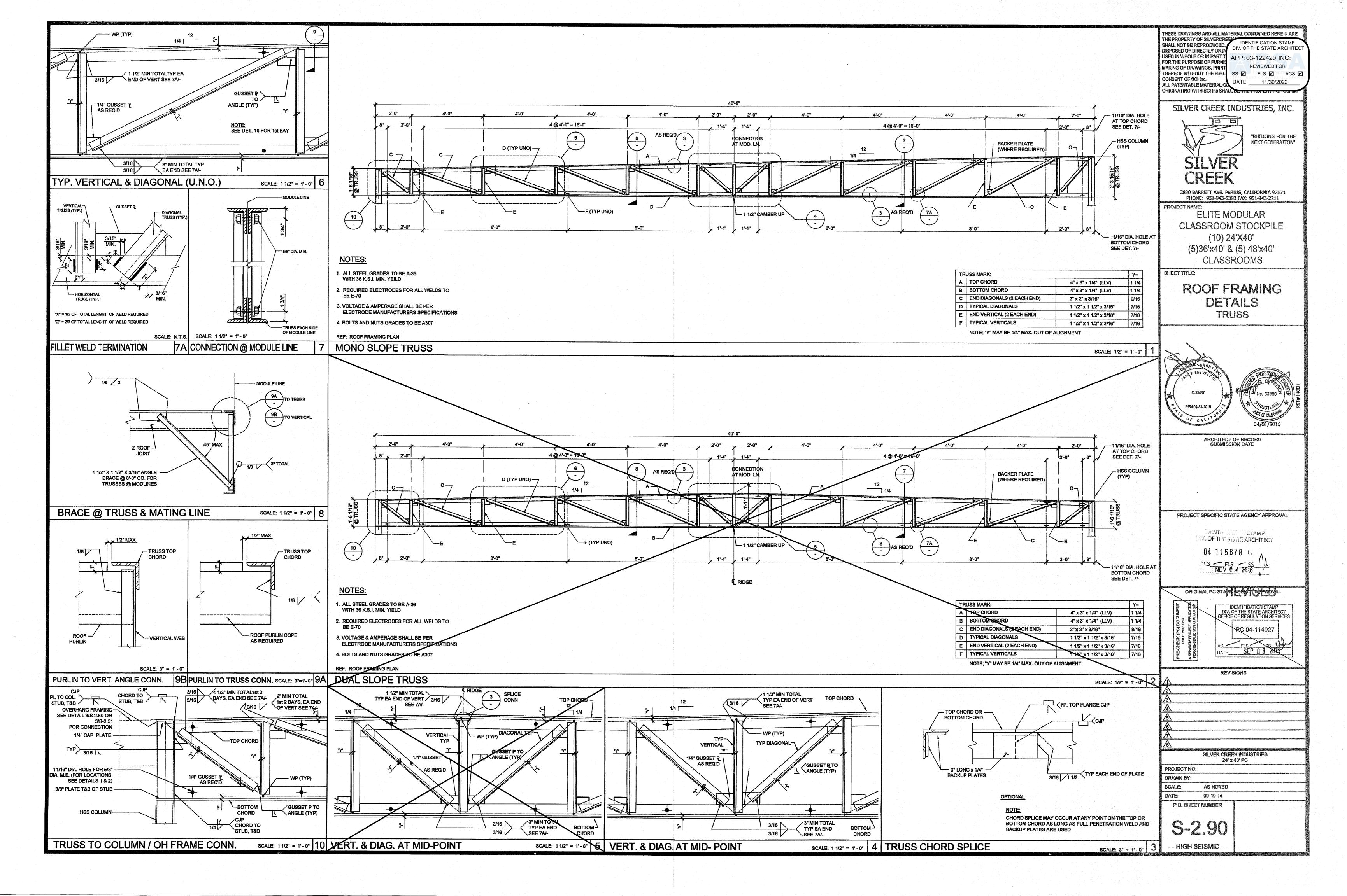
SILVER CREEK INDUSTRIES 24' x 40' PC (HIGH SEISMIC)

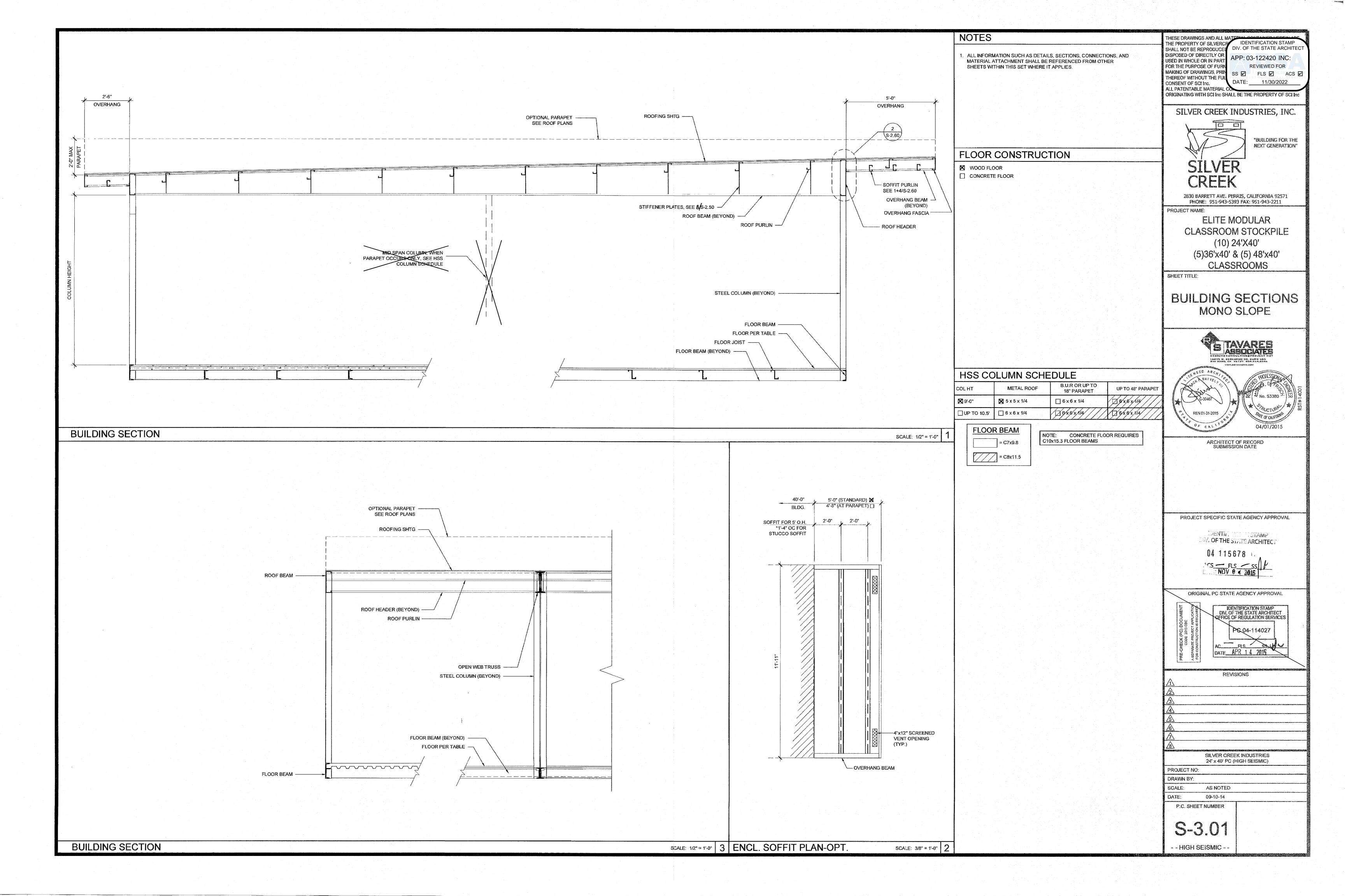
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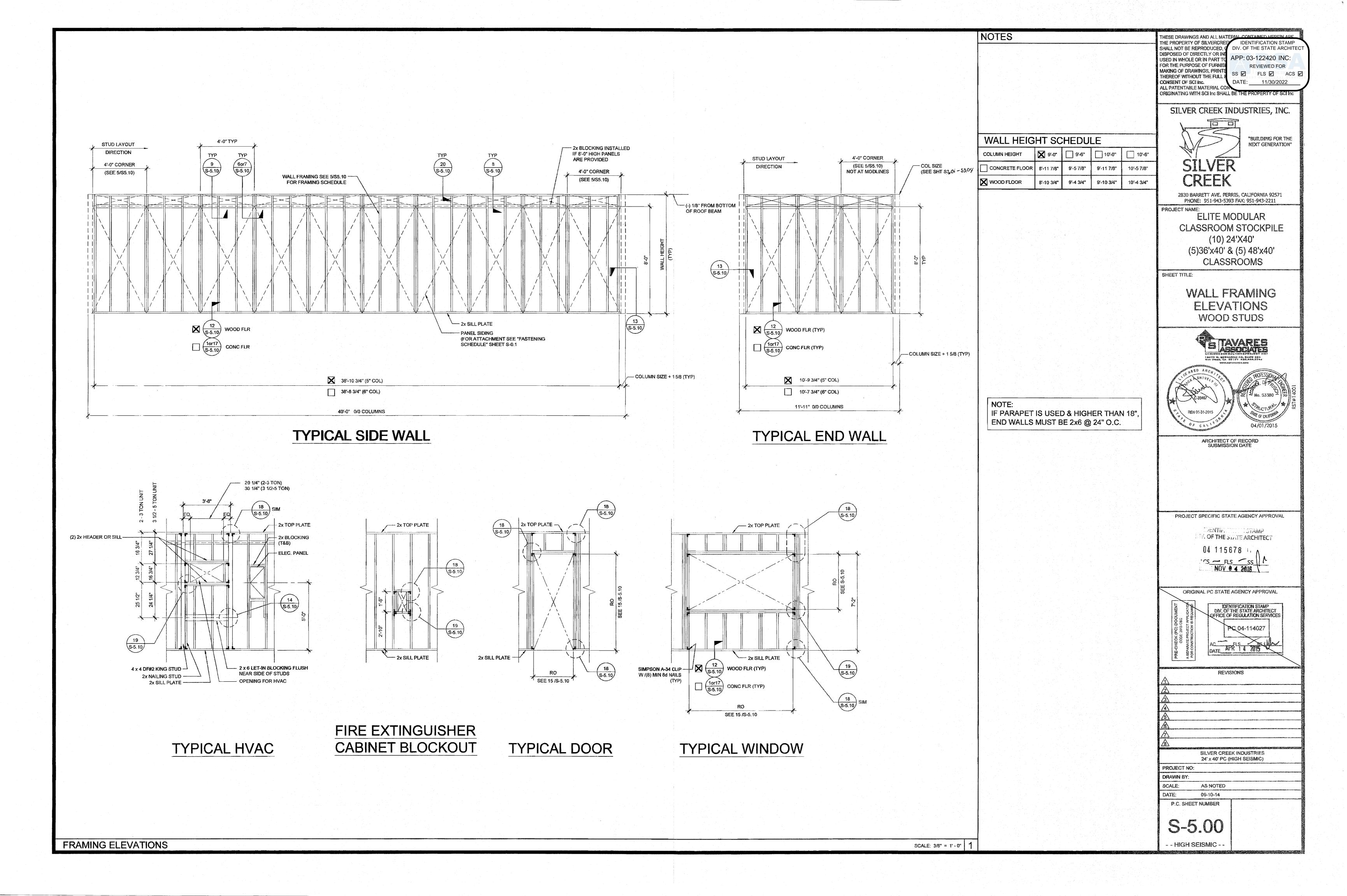
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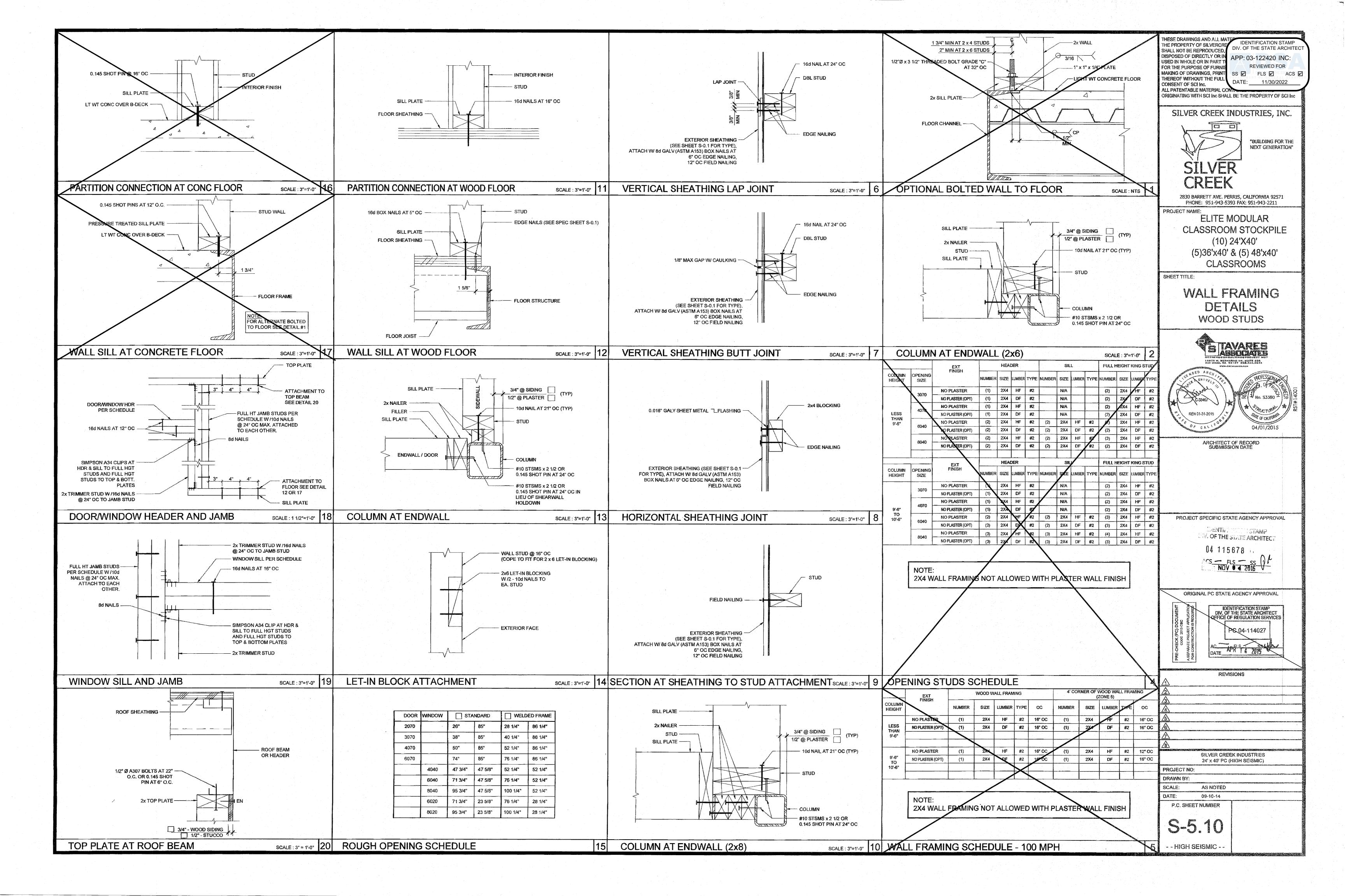
P.C. SHEET NUMBER

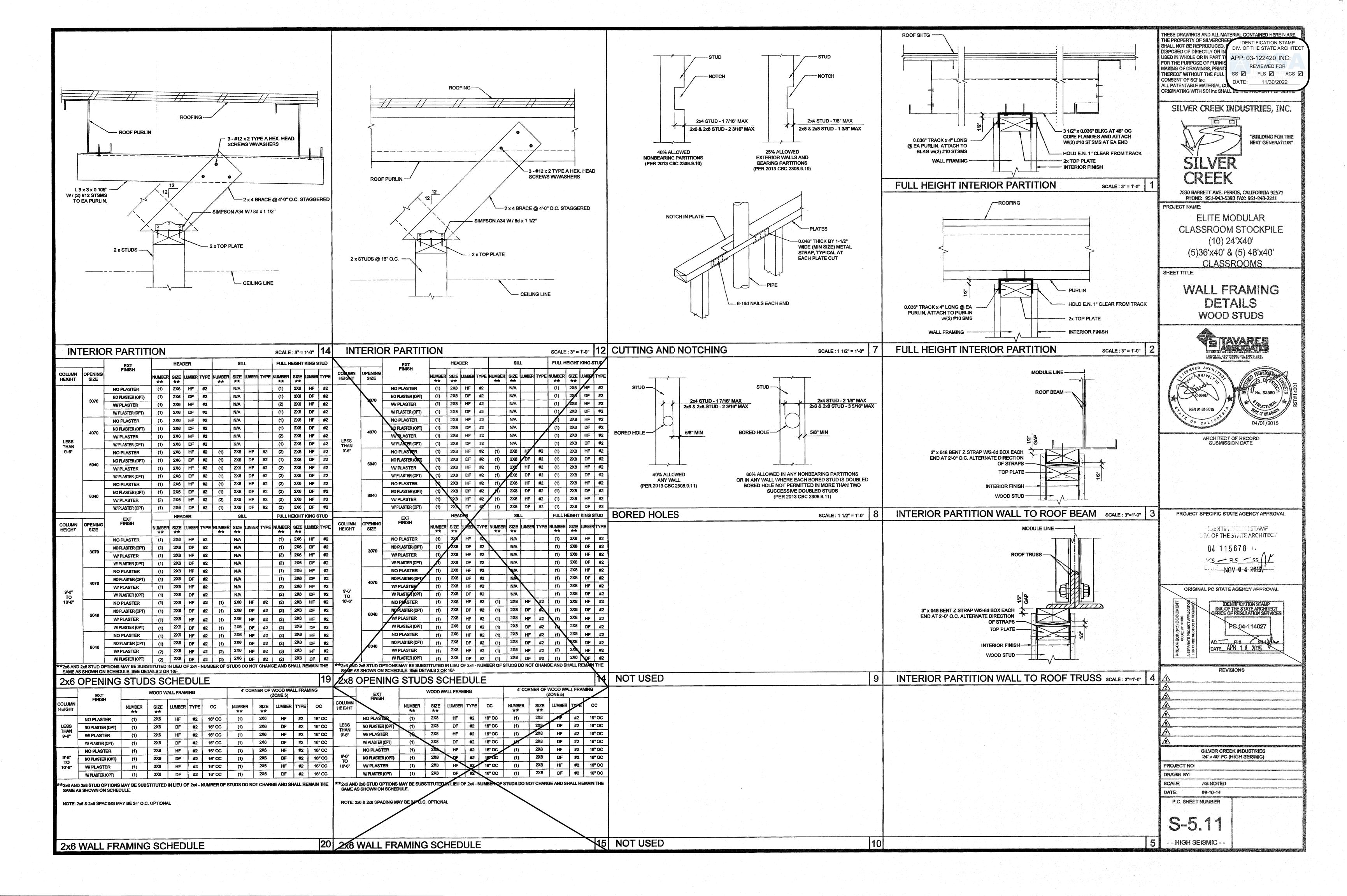
- - HIGH SEISMIC -











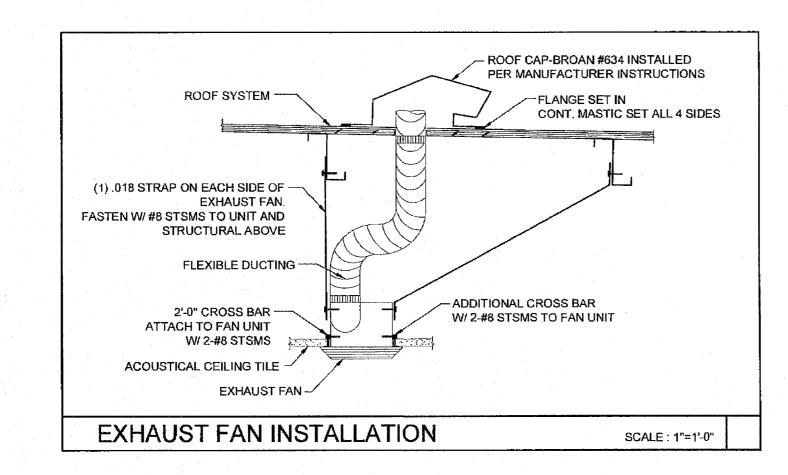
	LEGEND								
SYMBOL	ABB.	DESCRIPTION							
	SAD	SUPPLY AIR DUCT							
	RAD	RETURN AIR DUCT							
	EAD	EXHAUST AIR DUCT							
	(L)	LINED DUCTWORK							
	CD	SUPPLY CEILING DIFFUSER							
	CR	RETURN CEILING REGISTER							
	ER	EXHAUST CEILING REGISTER							
9	VTR	VENT THRU ROOF							
	FD	FIRE DAMPER							
<del></del>	MVD	MANUAL VOLUME DAMPER							
	UC	UNDERCUT DOOR							
T	STAT	THERMOSTAT							
B	вт	BYPASS TIMER							
	P.O.C	POINT OF CONNECTION							

OR APPROVED EQUAL.

12"Ø

14''Ø

16X16-4W



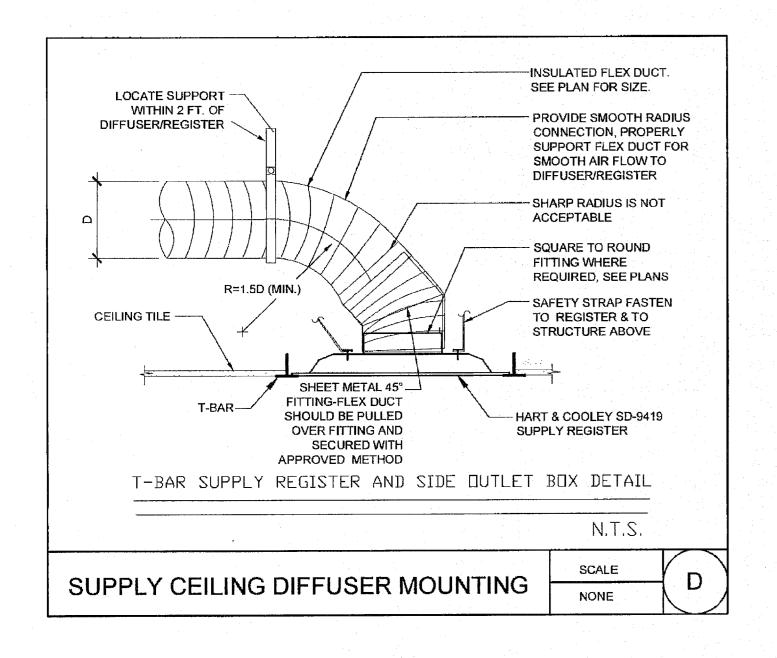
·														
	CEILING MOUNTED EXHAUST FAN SCHEDULE													
SYM LOCATION SERVICE MANUF, MODEL CFM SONES SP ELECTRICAL WGT.										DEMARKO				
SYM.	LOCATION	SERVICE	MANUF.	MODEL	CFIVI	SUNES	58	VOLTS	Ø	POWER	WGT.	REMARKS		
EF 1	CEILING	TOILET EXHAUST	BROAN	676	100	4.0	0.25	120	1	156 WATTS	7 LBS.	WITH BROAN ROOF CAP #636, PROVIDE 4" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.		
EF 2	CEILING	TOILET EXHAUST	BROAN	L100	109	1.0	0.25	120	1	87 WATTS	22.80 LBS.	WITH BROAN ROOF CAP #634. PROVIDE 6" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.		
EF 3	CEILING	TOILET EXHAUST	BROAN	L200	210	2.0	0.25	120	1	127 WATTS	23,0 LBS.	WITH BROAN ROOF CAP #634. PROVIDE 8" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.		
EF 4	CEILING	TOILET EXHAUST	BROAN	L300	308	2.8	0.25	120	1	212 WATTS	23,10 LBS.	WITH BROAN ROOF CAP #634. PROVIDE 8" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.		

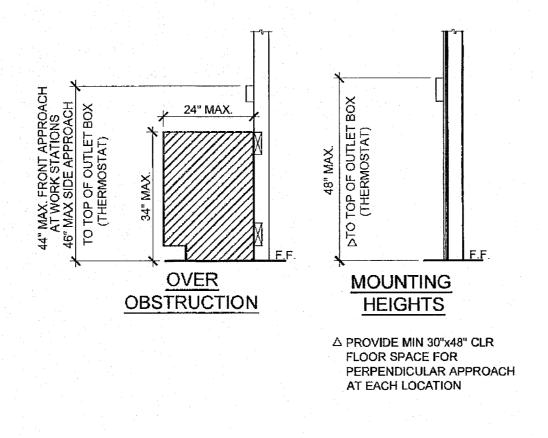
PERFO	RATED	FACE GRII	LE SCHEDULE (SUPPLY)
ITEM	NECK SIZE	RANGE CFM	MFG & MODEL #
T-BAR SUPPLY	6"Ø	0 - 150	Fixed Curve Blade, 4-way throw
SUPPLY	8"Ø	150 - 230	For lay-in T-bar ceilings use Harth & Cooley SD-9419 .
	10''Ø	230 - 350	(Sizes as shown on Mech Plan)

350 - 460

460 - 640

)	PERFOR	RATED	FACE GRIL	LE SCHEDULE (RETURN)
	ITEM	NECK SIZE	RANGE CFM	MFG & MODEL #
	T-BAR RETURN	6''Ø	0 - 230	Perforated face
).	00000000000000000000000000000000000000	10"Ø	230 - 460	For lay-in T-bar ceilings use Shoemaker 105P with 24 ga., 45 deg. angle. (Sizes as shown on Mech Plan.)
	00000000000000000000000000000000000000	14"Ø	460 - 710	





# **GENERAL NOTES**

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 13, 26 AND 30.

- 1. ALL PERMANENT EQUIPMENT AND COMPONENTS. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
- 3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

- A, COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS. THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

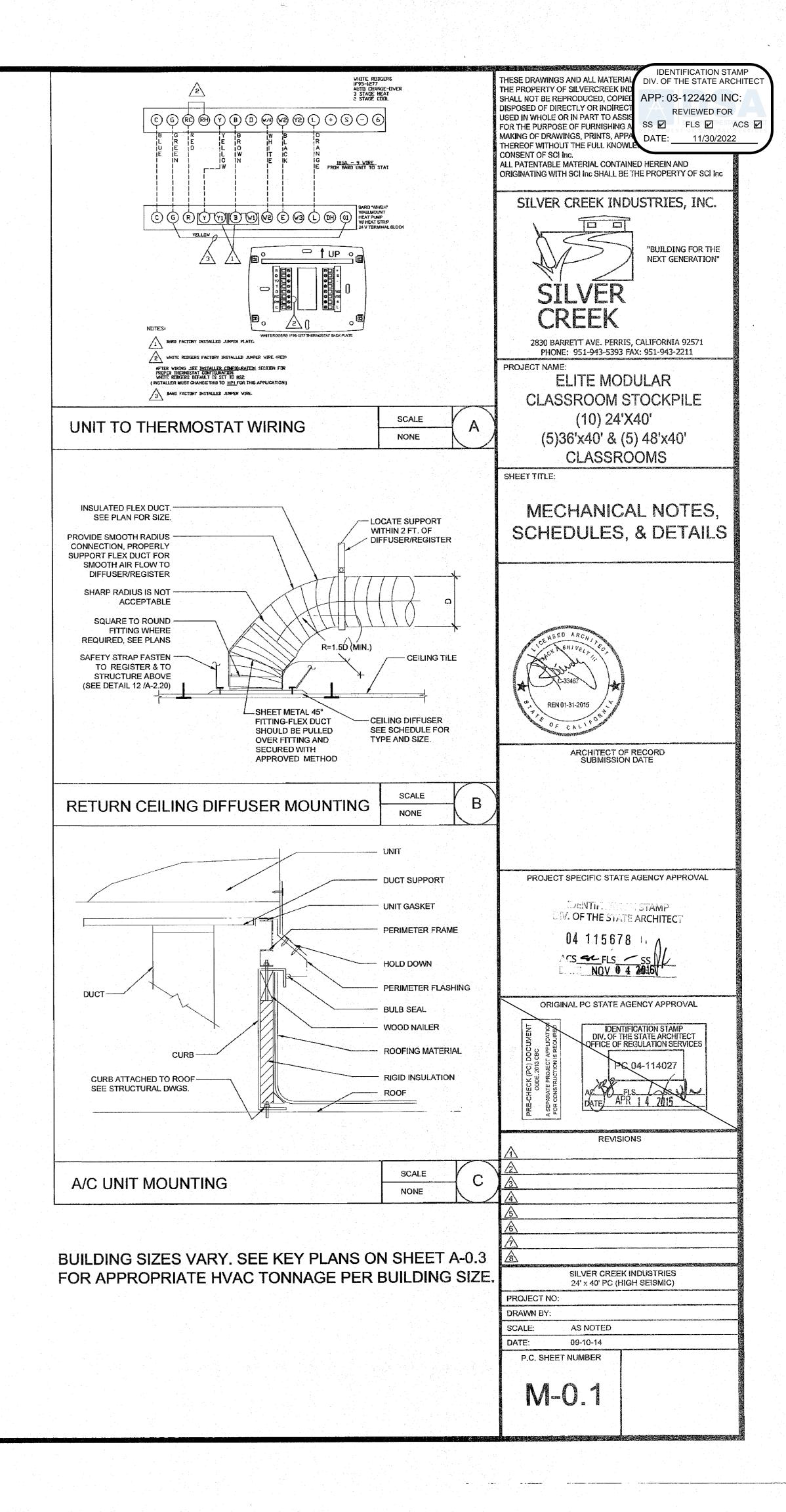
#### PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM **BRACING NOTE**

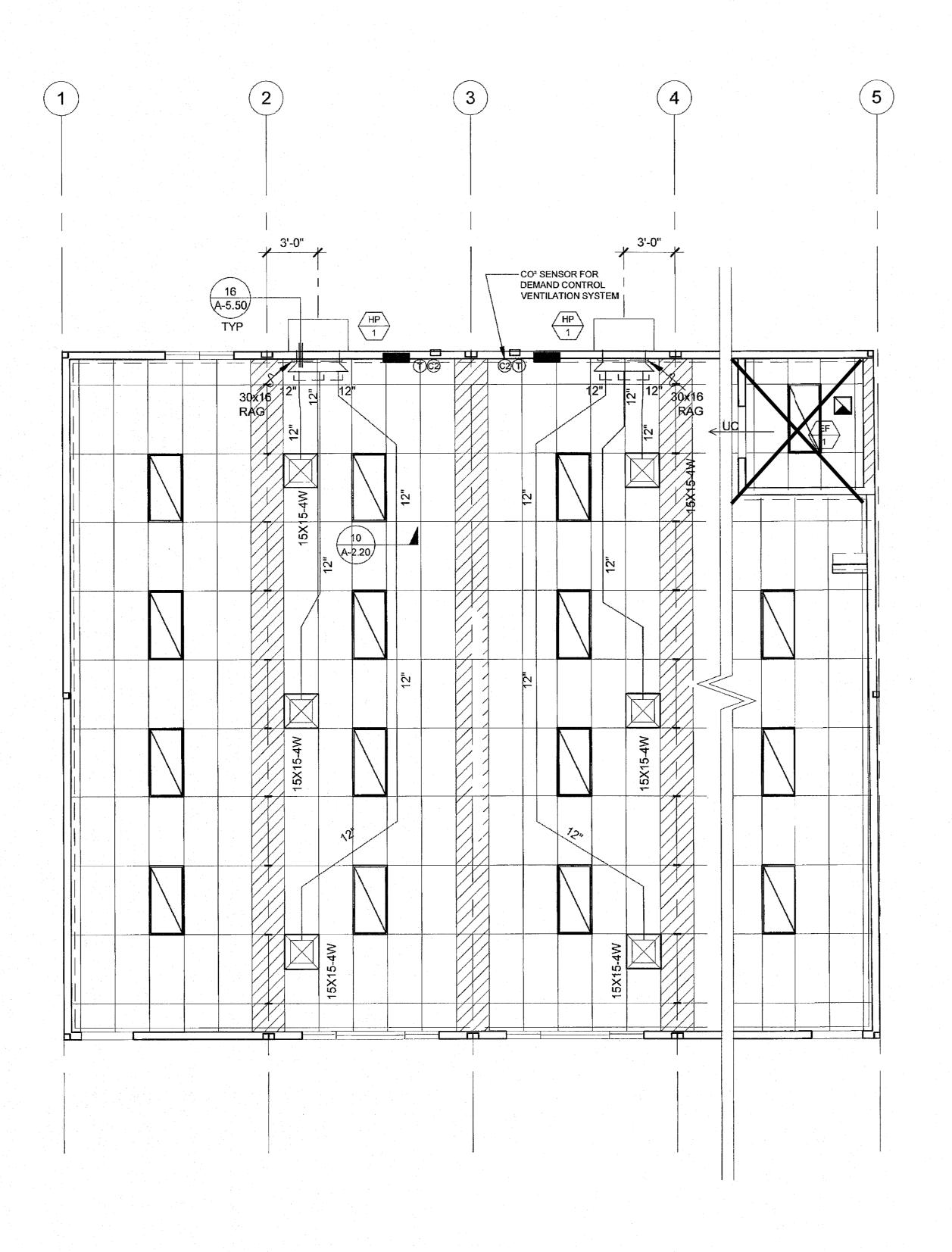
PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.8, 13.6.7, 13.6.5.6 AND 2013 CBC SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

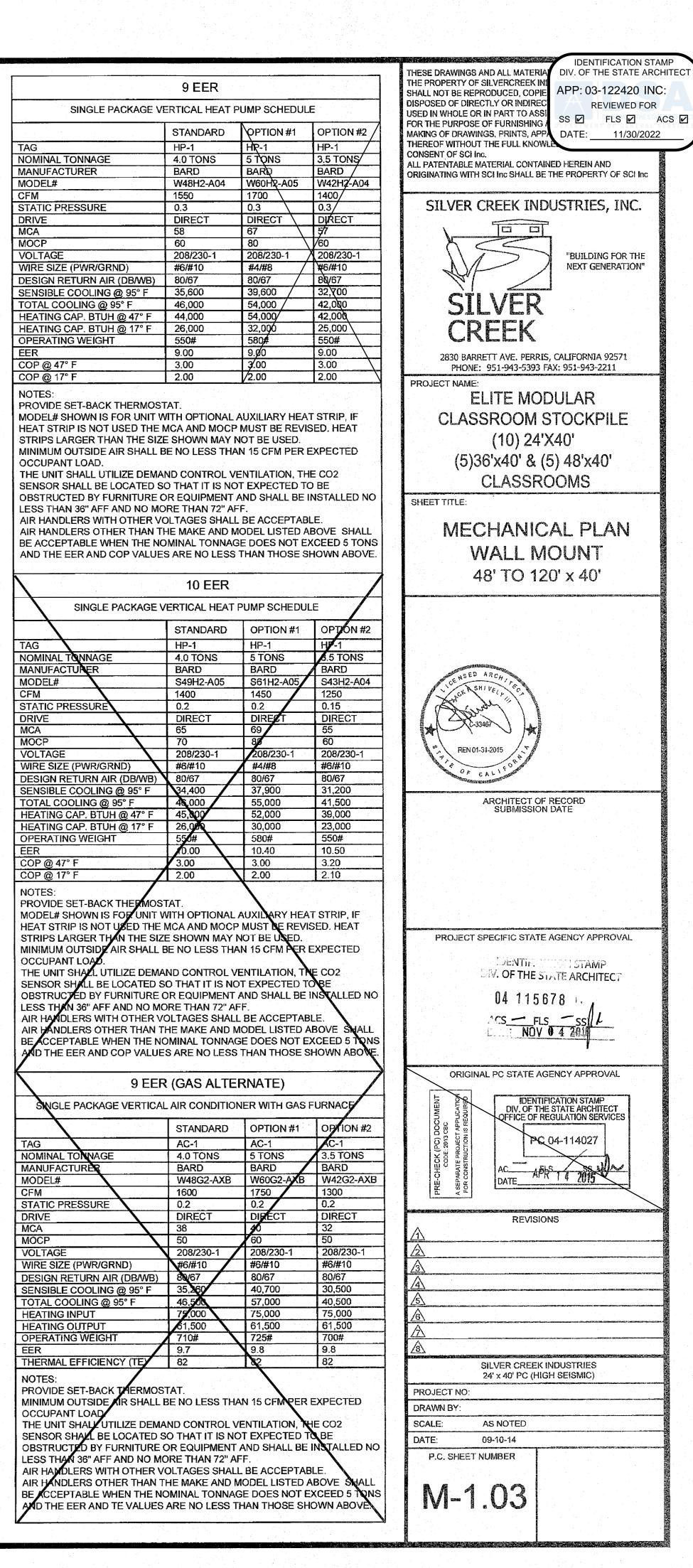
THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPA #).

COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AN BRACING OF THE PIPE, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS.

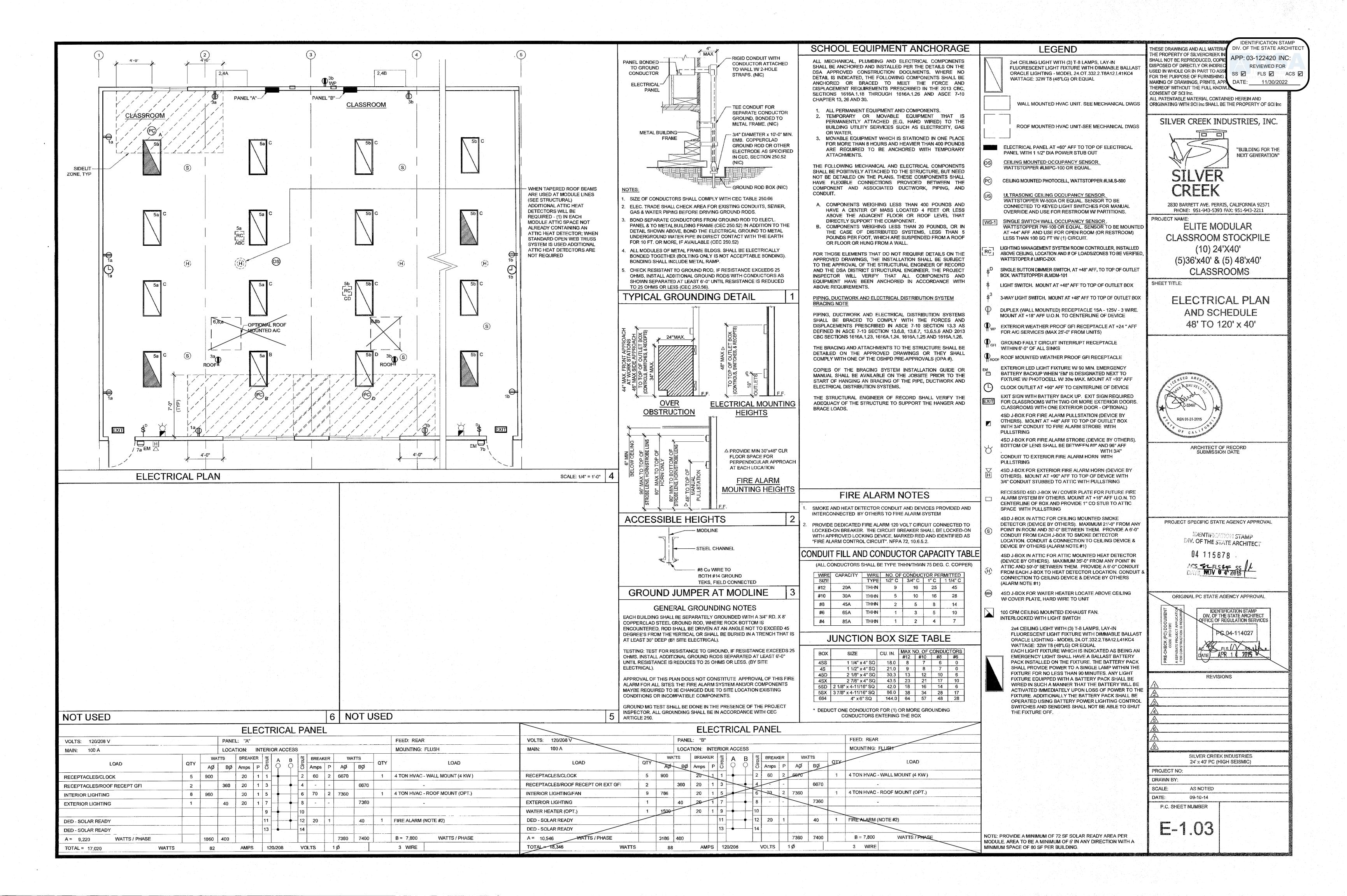
THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACELOADS.

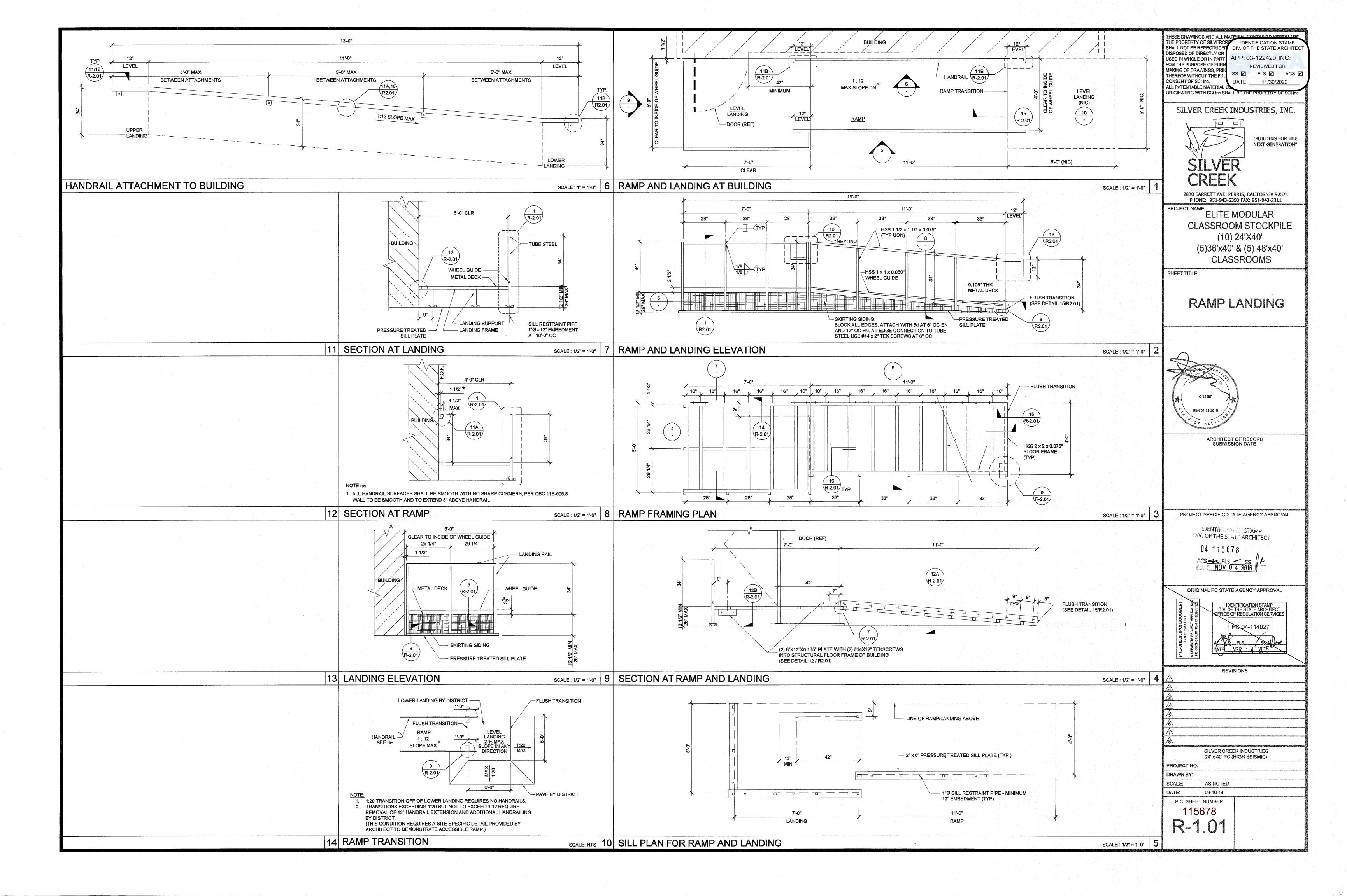


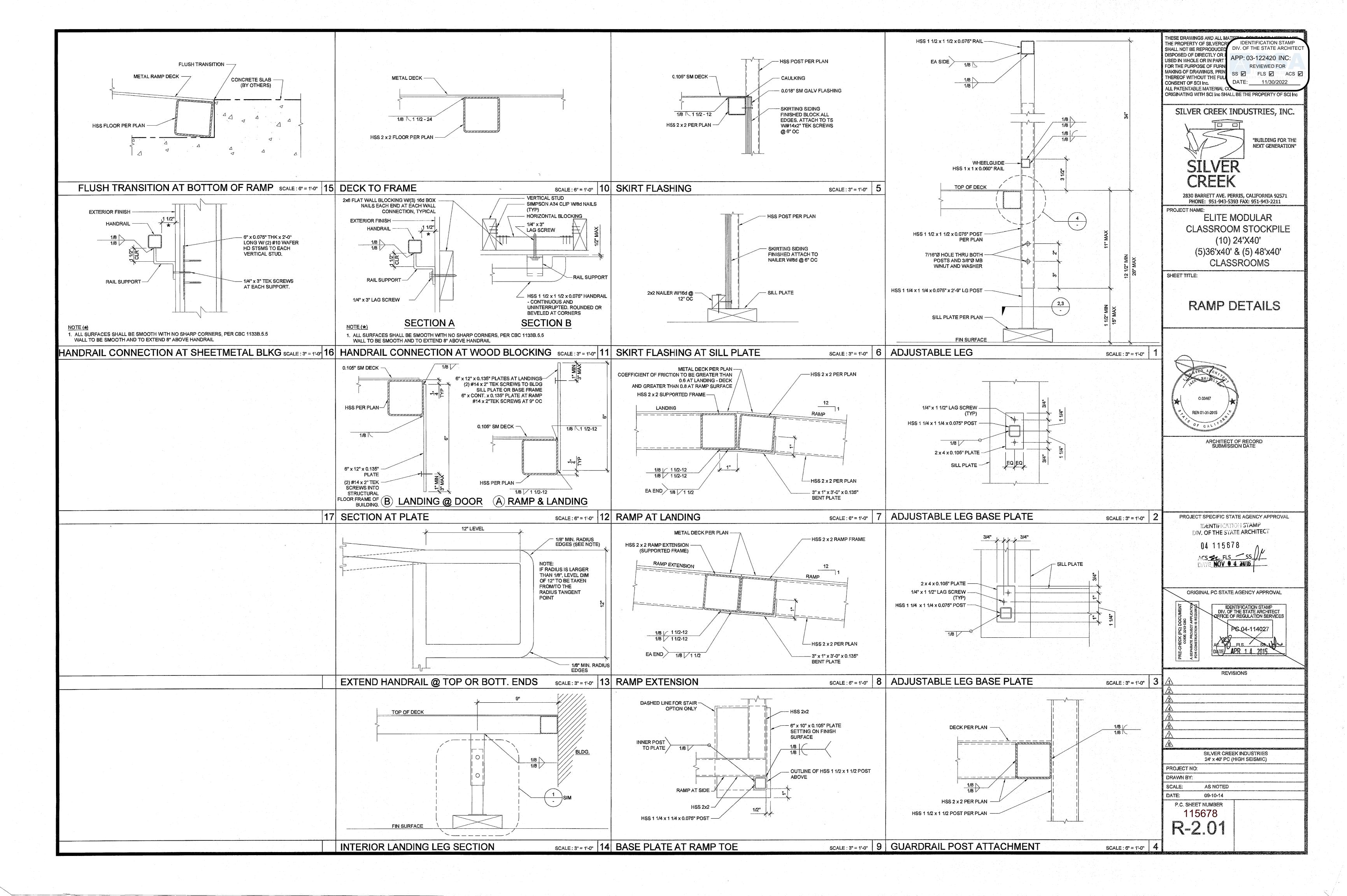




SCALE: 1/4" = 1'-0"







RELOCATABLE CLASSROOM BUILDING

**ELITE MODULAR** EML # T.B.D.

**RELOCATION PACKAGE - EXISTING UNIT** FROM STOCKPILE TO SITE SPECIFIC (X 4) R.H. DOOR UNITS (X 3) L.H. DOOR UNITS

**SNs**: 17158 THRU 17171

FOR: LOWELL J.S.D. / MAYBROOK E.S.

HOSE POR ALTERLIAME REMIRECT! INDEX O COVER SHEET - SHEET INDEX - BLDG DATA 1 FLOOR PLAN - BOOF PLAN - BLDG KLZYATION T RELECTED CEILING FLAN & DETAILS (REALFROM FLOOR PLAN) LEGE THESE SHEET ARE TO BE LOSE IF THE MEDIC IN POR A RESILENT ALL OTHER WHER SHEET SHEET FLOOR FRANCISC-ROOF FRANCISC & STRUCTURAL DETAILS R.1 STREEL TRUSS SECTION & DETAILS 7 REFLECTED CEILING PLAN & DETAILS A KUKCTRICAL POWER & LIGHTING PLAN & POWE SCHEDULE 8-1 SAMP PLAN AND DETAILS (METAL DECK) M-1 AIR CONDITIONING PLAN

**IDENTIFICATION STAMP** DIV. OF THE STATE ARCHITECT

APP: 03-122420 INC:

ss 🔽

**REVIEWED FOR** FLS 🗹

DATE:

11/30/2022

ACS 🗸

45: 6 14Am CHECKED

REVISED DESCRIPTION OF THE PROPERTY OF

AG DIVANCES

MA. LEB34

REVISIONS

NOUSTRIES

MODULAR

DATE OF THE STATE OF 65839 3767

FIRE ALARM NOTES

APPLICABLE CODES

NFPA 13- Automobile Sprinkler Systems.

1995 Building Standard: Administrative Gods. Part I, "Rille 24 C.C.H.

1994 California Referencea Standarde Cade, Port 12,71tle 24 C.C.R.

1995 California Pire Coda (CFC), Part 9, Title 24 C.C.R. (1994 Uniform Fire Cace and 1995 California Aenamente)

1990 Title 19, CCR, Public Sofety, state Fire Marshall Regulati

(Galifornia Amended) NEPA Tile Nothendi Pire Alerm Coass.

NFPA 259- Critical Radiant Flux of Floor Covering Systems. NFPA 2001- Good Agent Fire Exsinguishing Systems,

1998Colifornia Building Code (CBC), Part 2, Tible 24 C.C.R.; (1994 Unitern Building Code volume 1-8 and 1998 California Amendments) 1993 Collectua Electrical Code (CEC), Part 3, Title 24 C.C.R. (1993 Nationa: Electrical Code and 1996 Collectua Amenistrats) 1948 California Mecnan cai Code (CMC), Part 4, Title 24 C.C.R., (1994 Uniform Mechanical Code and 1995 Galifornia Amenaments) 1995 California Pumbing Cods (CPC), Port 5, Title 24 C.C.R.; (1994 Uniform Pumbing Coda and 1995 California Amendmen

NFPA .4- Standplace Systems.

NEFA .: TA- Wat Chemical Systems.

1994 Edition

1449 Edition

1990 Edition

1992 Edition

1993 Edition

1984 Edition

1994 Edition

BLDG. DATA (SO LBS STANDARD)

E-3 V - NON RATED

DE DATA (50 PSF+20 LBS PARTITIONS OPTION

ROOF LIVE LOAD

BUILDING DATA

SYSTEM:

PARTY

SYSTEM:

PARTY

FOR STATE

FOR

FOUNDATION HOOD
POUNDATION CONCRETE
EGONDATION FLUSH W GRADE CONCRETE

70 m.p.h. EXPOSURE 'C' 50 lbs/sq. ft. 20 lbs/sq. ft. 460 sq. ft.

O m. A. EXPOSURE

E-1 V - NON RATED

CCCUPANCY
TYPE OF CONSTRUCTION
WIND LOAD
FLOOR LIVE LOAD
ROOF LIVE LOAD
ELILDING DATA

SYSTEM: RIGID FRAME HODULES: THO 12'x 40"

HE OF CHASTRUCTION

SLDG. DATA (100 PSF OPTION)

OCCUPANCY THRE OF CONSTRUCTION WIND BOAD FLOOR LIVE LOAD

SYSTEM RIGID FRAME

BLDG. DATA (125 PSF OPTION)

OCCUPANCY TYPE OF CONSTRUCTION MINE LOAD "LOOK BLVE LOAD

ROOF LIVE BOAD BUILDING DATA

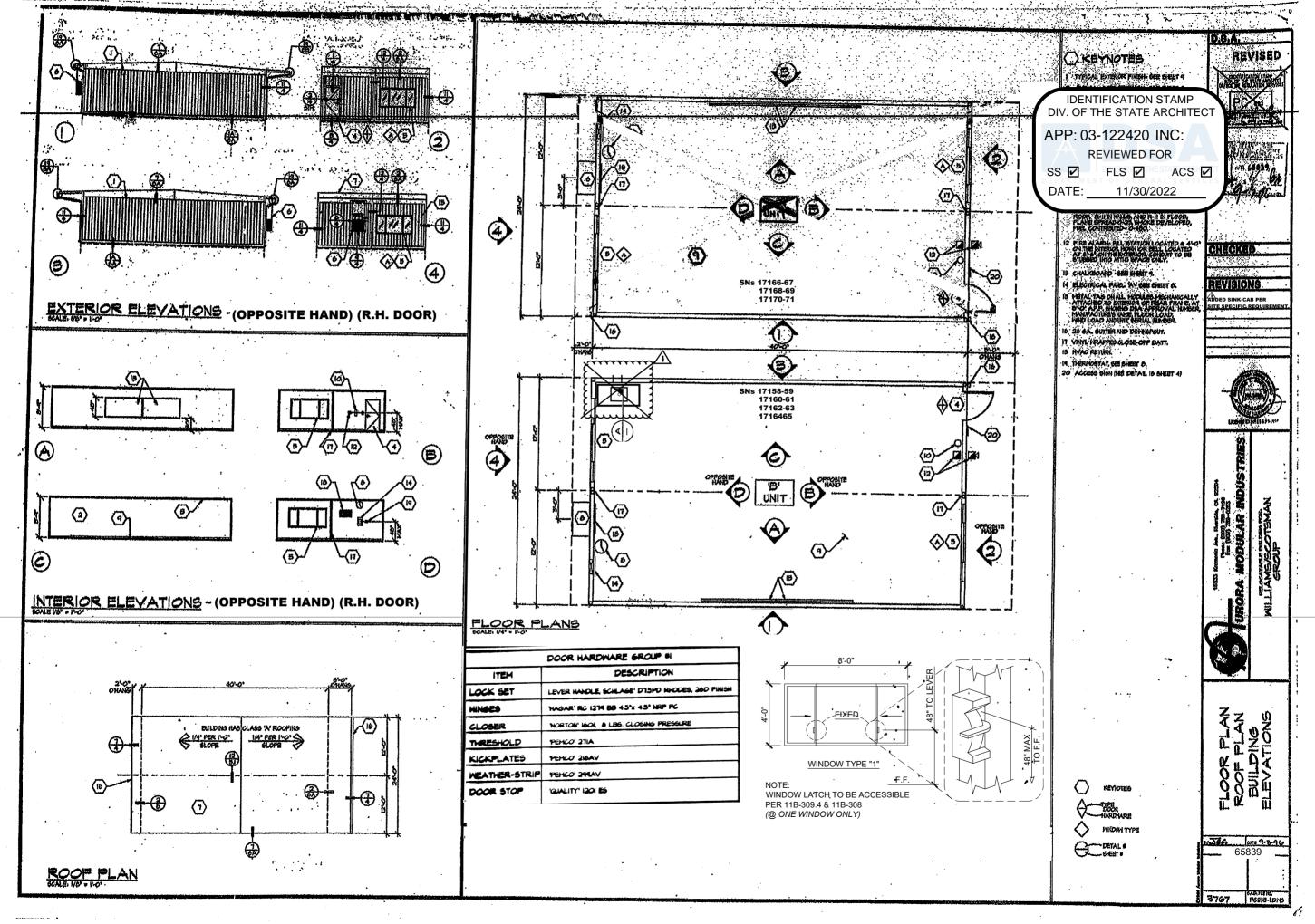
NOOF LIVE LOAD BUILDING DATA

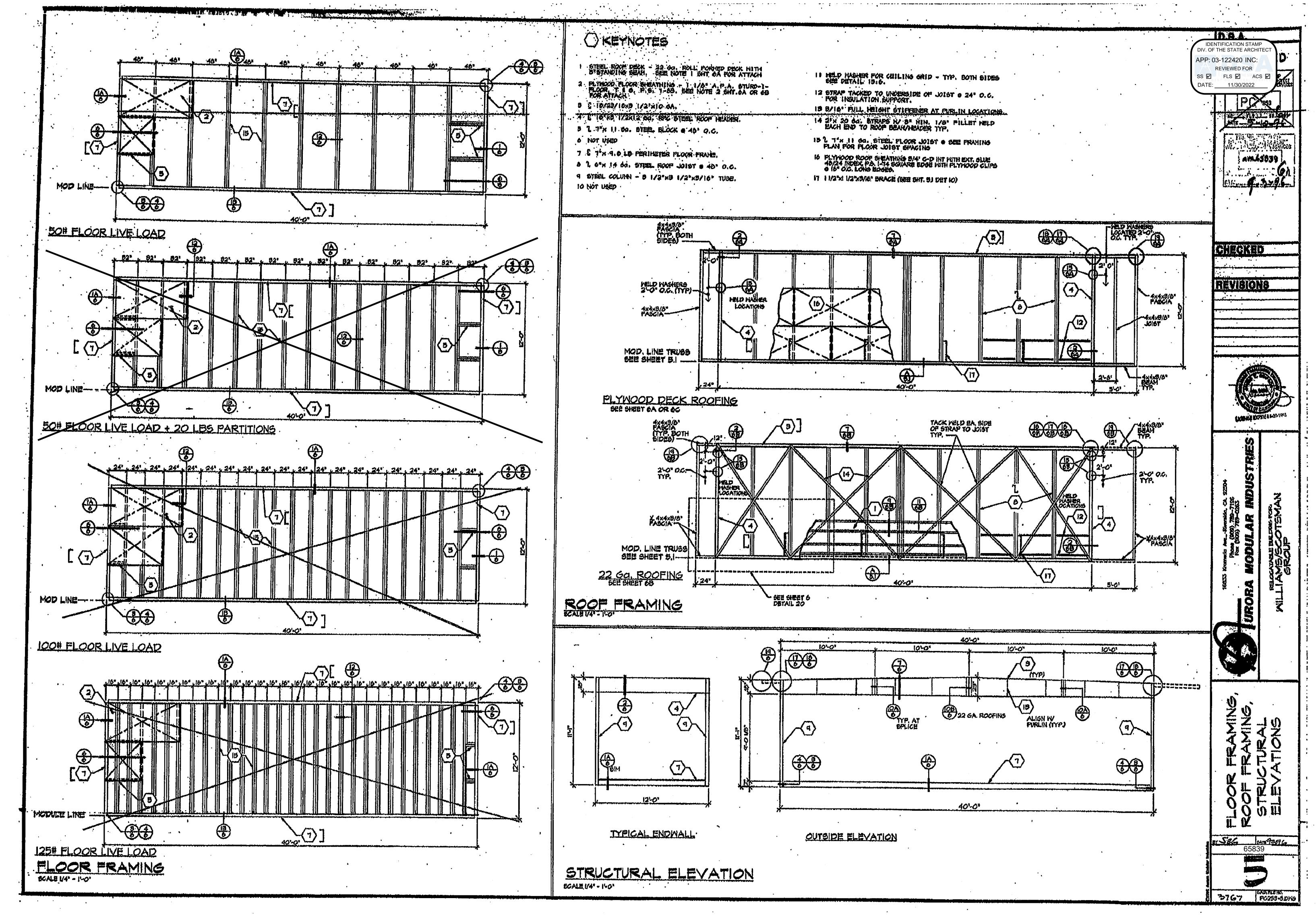
SYSTEM: RIGID FRAU MODULES: THO 12'KE

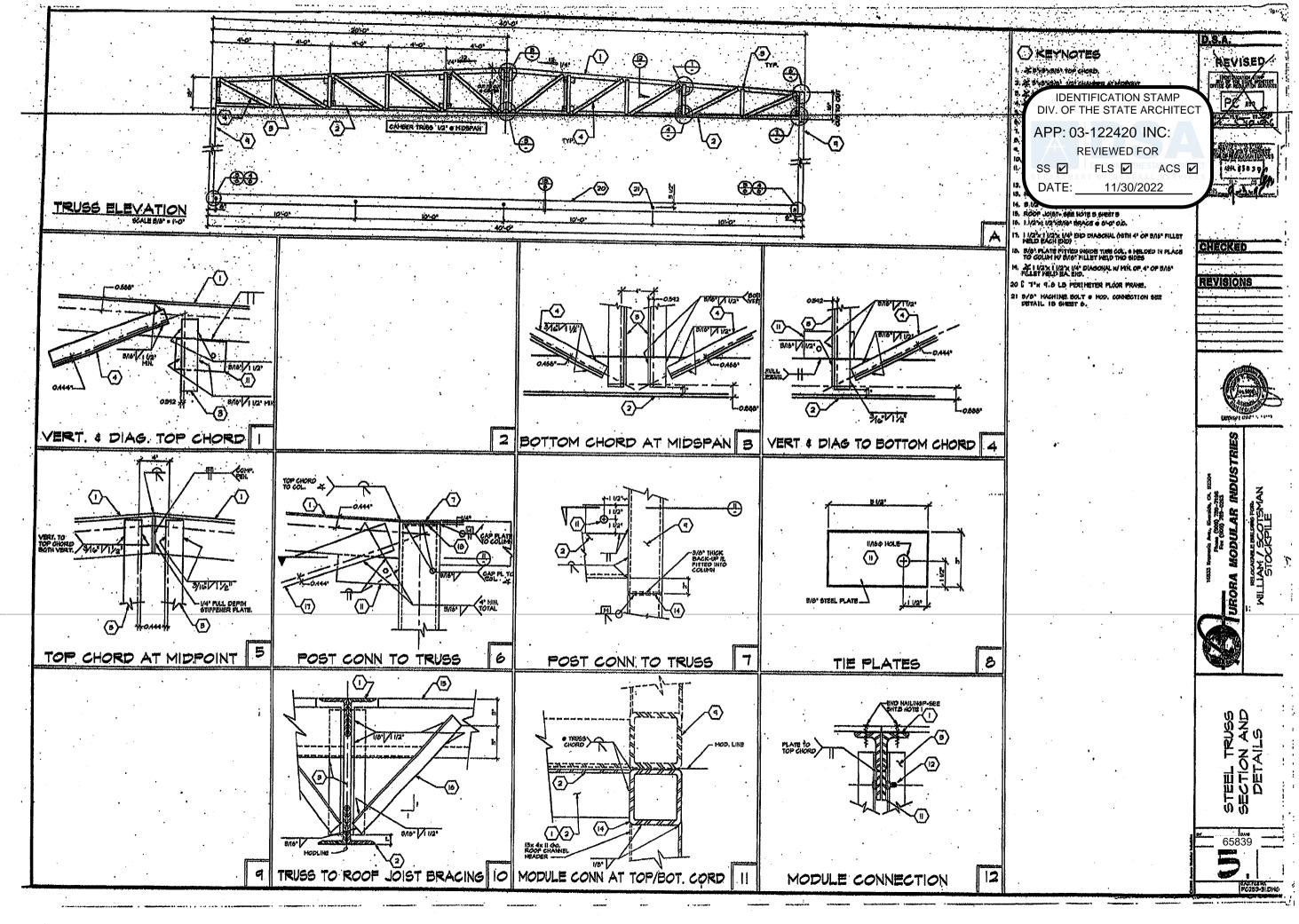
E-1 V - NON RATED TO m.p.h. EXPOSIBLE 125 106/60 BU. 20 108/54 Ft.

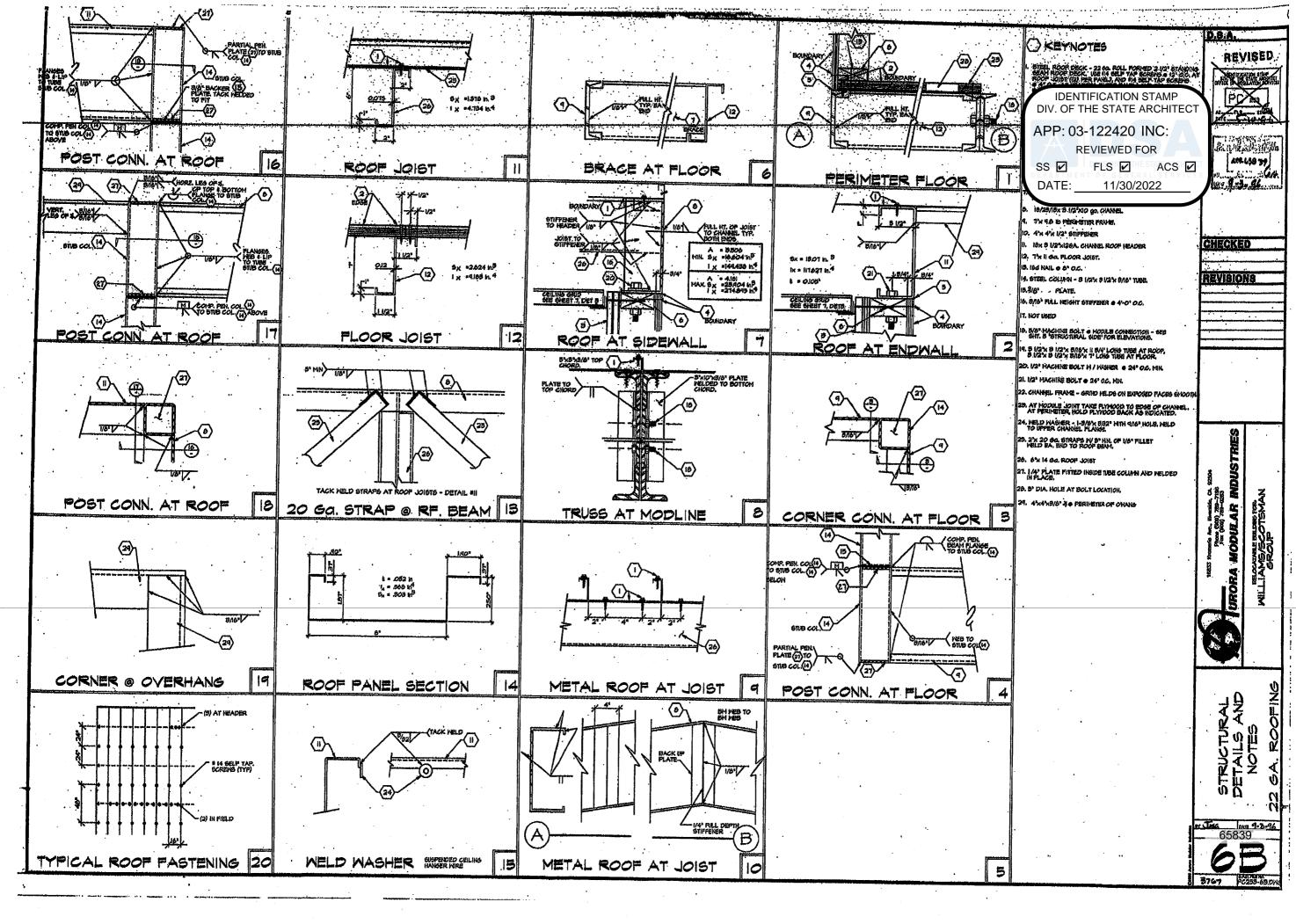
FOUNDATION MOSE FOUNDATION SONCRETE FOUNDATION FLUEN W GRADE CONCRETE

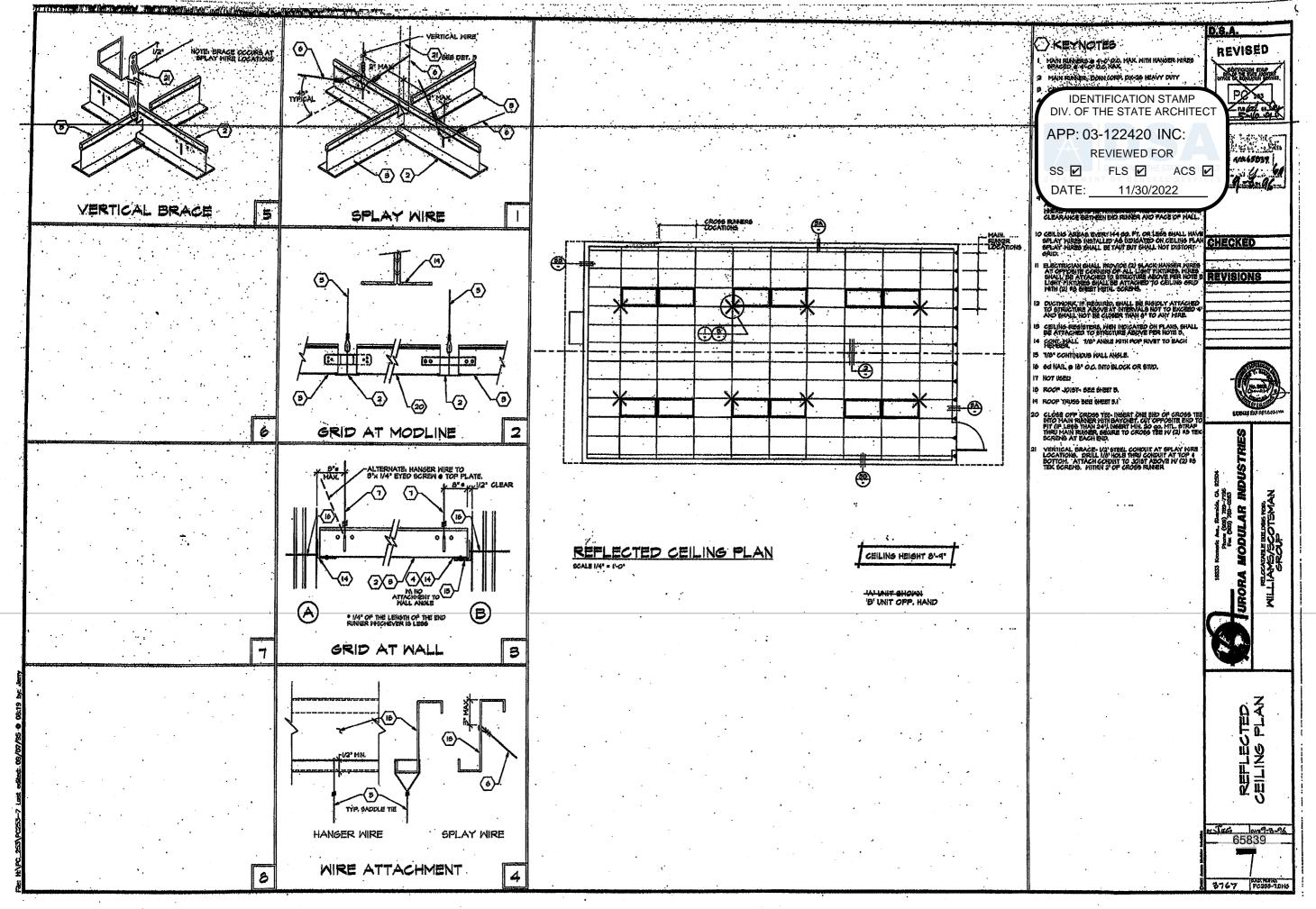
**FOUNDATION PLAN - SEE PC 04-120373** 





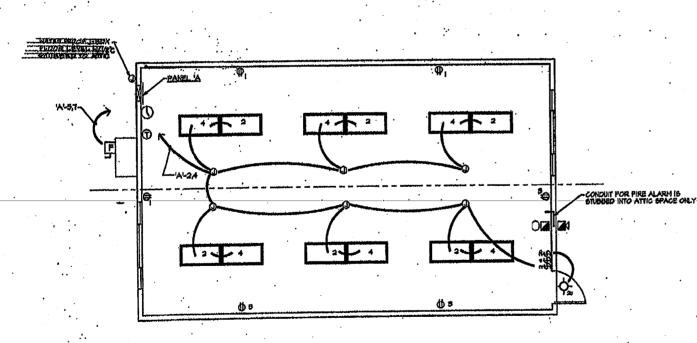






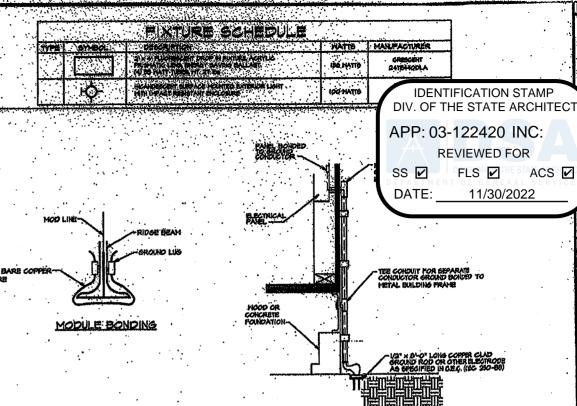
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EL.	ectrical legend
SYN BOL	DESCRIPTION
<b>0</b> + 15*	Duplex recept - 150 1259 - 8 Nike Grounding 1798 - GPI - Denotes Ground Fault interrupt
\$+481	LIGHT SWITCH - SINGLE FOLE:
9	LINCTION BOX
I.	DISCONNECT SYNTCH -BUILT INTO A/C UNIT
(T)+ 49°	THERMOSTAT
04 48"	FIRE ALARM PULL STATION-STROBE J-BOXES & C
21+ BL6"	FIRE ALARM HORN, J-BOX & CONDUIT ONLY
<b>1383</b>	ELEC PANEL
0	CLOCK & BELOW CEILING LINE



BI (NIT OPP. HAND

LIGHTING AND POWER PLAN



#### SYSTEM GROUND DETAIL NOT BY PORTABLE MANUFACTURE

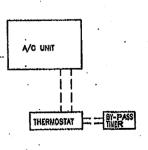
- 6122 OF CONDUCTORS SHALL COMPLY HITH SEC TABLE 250-45.

  BOND SEPARATE CONDUCTORS FROM SROUND ROD TO ELECTRICAL PANEL, AND TO HETAL SUILDING PROVE (CEC 250-81).

  IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO HETAL MATTER FIFE ENGEDIED AT LEAST 10 FT. INTO THE SOIL IF AVAILABLE. (CEC 250-81 4 250-83).
- ALL MODULES OF THE METAL PRAME BUILDING SHALL BE ELECTRICALLY BONDED TOSETHER, (BOLTING CALT 16 NOT ACCEPTABLE BONDING.)

  CHECK REGISTANCE TO GROUND. 1P REGISTANCE EXCEDS 25 ONES,
- 5 PIELD INSPECTOR SHALL NITNESS THE GROUNDING TEST.
- 6 ADDITIONAL OUTLETS AND OR J-BOXES MAY BE ADDED AS NEEDED AND OR PER DISTRICT'S AND THE ADDITIONAL SITE SPECIFIC REQUIREMENTS PROVIDED THESE WORK WITH BUILDING'S ELECT. PANEL LOADS.

  DEVICES-CONNECTIONS-CONDUITS-ETC.. TO BE DONE BY G.C. (NOT BY ELITE)



A/C CONTROL. WIRING

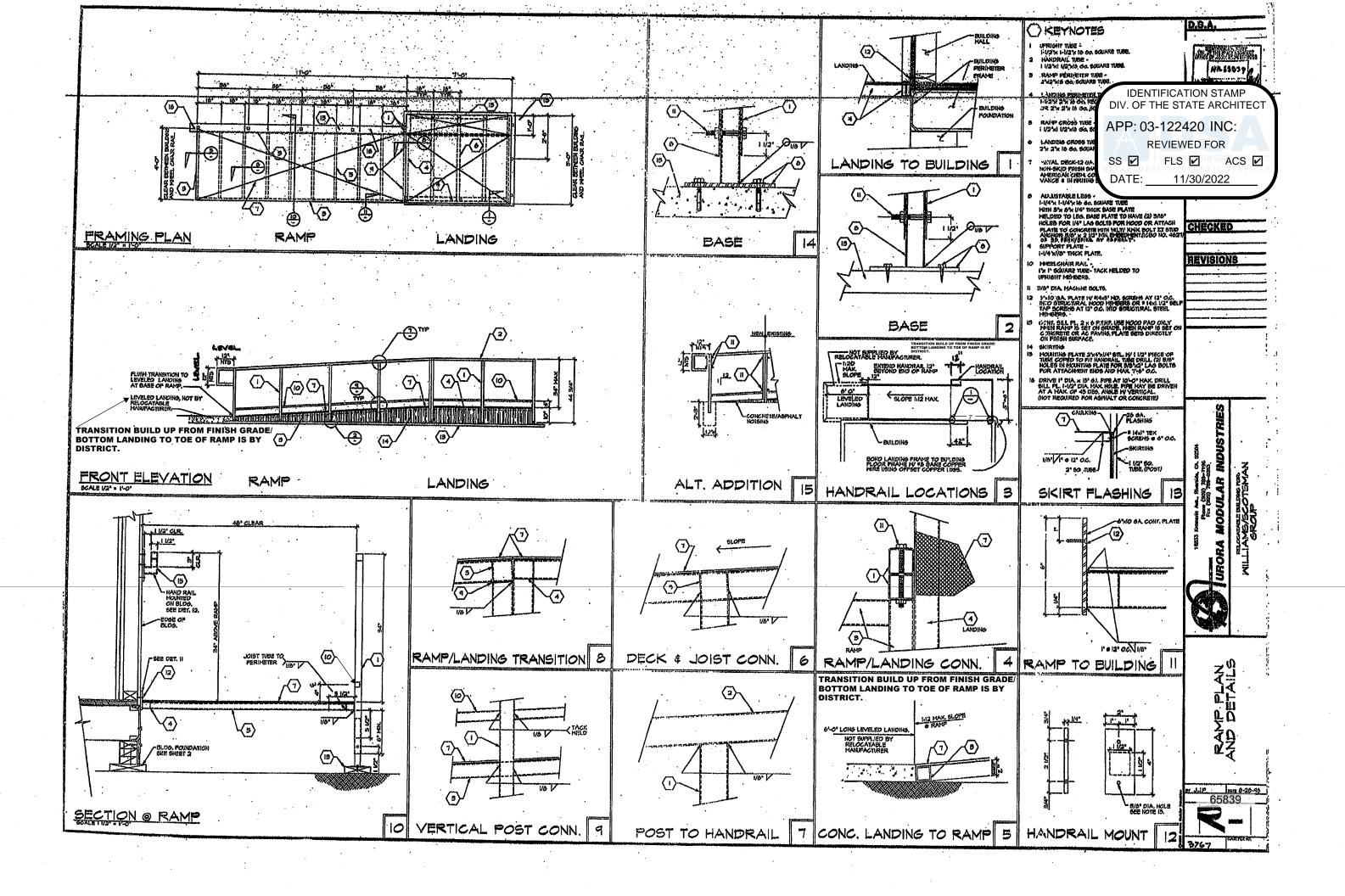
REVISED

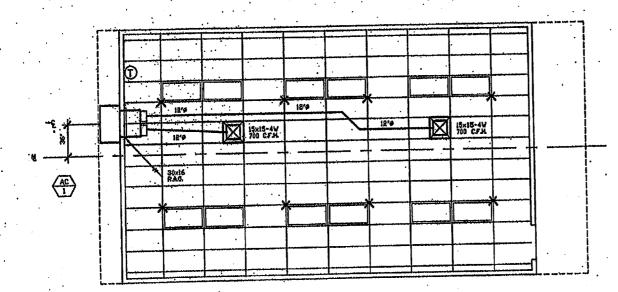
REVISIONS



65839 \_







AIR CONDITIONING FLOOR PLAN

(OPPOSITE HAND) (R.H. DOOR)

**IDENTIFICATION STAMP** DIV. OF THE STATE ARCHITECT

APP: 03-122420 INC:

REVIEWED FOR ACS 🗹

SS 🗹

FLS 🗹

DATE: 11/30/2022

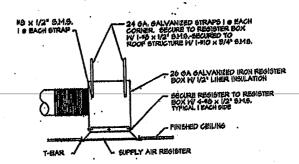
### EQUIPMENT & MATERIAL SCHEDULE



SUPPLY PLENTIN 24 GO. CALVANIZED IRON SPECTS IV I" LINER INSULATION interior dicthork, polycore flex dict class i 12-181 W Taped Collars on both ends REGISTER BOXES, 24 go. GALVANIZED IRON SHEETS W 1/2" LINER INSULATION SUPPLY AIR RESISTERS: KRUEGER 16200-1728 SERIES (MINIMAM SIZE IBXIS) RETURN AIR ORILLES METALAIRE TH' SERIES THERMOSTAT: WHITE RODGER SIF42 NV CLEAR PACE GUARD

attach all flex ducy to roof stricture W I = I I/2" x 24 go, galvanzed Strap at intervals not to exceed 4.

SEAL ALL JOINTS AIR TIGHT.



REGISTER BOX DETAIL

65839

3747



# 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

APPLICABLE CODES

IST 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

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 B44a-08 ADDENDA) SAFETY CODE FOR ELEVATORS

**BELOW STATEME** 

# **URBAN INTERF**

- EXTERIOR COVERED OPENINGS
- EXTERIOR NON-COM
- MUST BE CONSTRUCTED OF NON-COMBUSTIBLE

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

MATERIAL PER CBC 707A

IENT APPLICABLE AT W.U.I. AREAS ONLY		SHEET INDEX
	SHT NO.	
I PC OPTION TO BE COMPLIANT WITH WILD/ RFACE ZONE (W.U.I.)	СР	COVER PAGE
R UNDER FLOOR VENTS TO BE FULLY O WITH CORROSION RESISTANT MESH.		WOOD FOUNDATION
SS TO BE NO LESS THAN 1/16" BUT NO MORE	WFS-01	STRUCTURAL SPECIFICATIONS - WOOD FOUNDATIONS
" IN SIZE PER CBC 706A	WF-04	WOOD FOUNDATION PLAN - 24' x 40' (50+15 PSF)
D WALL C MUST BE COMPRISED OF	WF 05	WOOD FOUNDATION PLAN 36' x 48' (58115 PSF)
R WALLS MUST BE COMPRISED OF MBUSTIBLE MATERIAL PER CBC 707A	WF-06	WOOD FOUNDATION PLAN 48' × 40' (FOLITE PSF)
WIBOSTIBLE WATERIAL PER CBC 707A	WF e7	WOOD FOUNDATION PLAN - 24' × 40' (100 PSF)
TING BETWEEN THE FLOORS AND THE GRADE	WF e8	WOOD FOUNDATION PLAN 36' x 40' (100 PSF)

	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 GRASE - CONCRETE FLOOR
CFB-D01	CONCRETE FOUNDATION DETAILS - BELOW GRADE
CFB-D02	FOUNDATION DETAILS - CONCRETE

WOOD FOUNDATION DETAILS

ADJACENT BUILDINGS: ONLY THOSE BUILDINGS MANUFACTURED B 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#	SMI
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+20/100/150#	SILVER CREEK
04-109299	02/09/2010	24-120X40	50/50+20/100/150#	SILVER CREEK
04-112072	12/29/2011	24-120X40	50/50+20/100/150#	SILVER CREEK
04-109619	02/09/2010	24/36/48/144x40	50/50+20/100/150#	SILVER CREEK
04-112147	04/02/2012	24/36/48/144x40	50/50+20/100/150#	SILVER CREEK
04-114027	04/14/2015	24/36/48/144x40	50/50+20/100/150#	SILVER CREEK
04-113886	02/06/2015	24/36/48/144x40	50/50+20/100/150#	SILVER CREEK
04-114102	08/04/2015	24/36/48/144x40	50/50+20/100/150#	SILVER CREEK
04-116668	07/24/2018	24/36/48/120x40	50/50+20/100/150#	SILVER CREEK
04-116721	09/24/2018	24/36/48/120x40	50/50+20/100/150#	SILVER CREEK
PC 243	05/04/1995	24/36/48x40	50/50+20/100#	MODTECH
PC 79			50/50+20/100#	MODTECH
PC 258	04/13/1995	24/36/48x40	50/50+20#	MODTECH
PC 266		24/36/48x40		MODTECH
PC 101268	12/16/1999	24/36/48x40		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		24/36/48x40	50/50+20/125#	AURORA
04-101055	06/29/1999		50/50+20/125#	AURORA
PC 323	06/24/1997		50/50+20/100#	MSI
PC 362	10/15/1997	24/36/48x40	50/50+20/125#	MSI
04-105135		24/36/48x40	50/50+20/100/125#	WALDEN
04-104816		24/36/48x40		AURORA

IDENTIFICATION STAMP APP: 03-122420 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹

PROJECT SPECIFIC STATE AGENCY APPROVA



SHEET TITLE:

PROJECT NAME:

**COVER SHEET** 



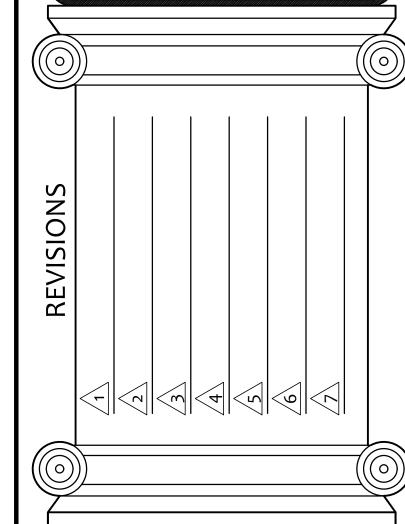
APPROVED DIV. OF THE STATE ARCHITEC APP: 04-120373 PC REVIEWED FOR SS FLS ACS CG CG

ARE THE PROPERTY OF ELITE MODULAR LEASING & SALE

ORIGINAL PC STATE AGENCY APPROVAL

ORIGINATING WITH ELITE MODULAR Inc. Inc SHALL BE TH PROPERTY OF ELITE MODULAR Inc.

DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF



PROJECT NO: DRAWN BY: F.C.

SCALE: AS NOTED

DATE: AUGUST 23, 2021

SHEET NUMBER

#### **CARPENTRY:**

SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL CARPENTRY

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:**

- 1. 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 BOLD DIAMETER. BOLTS SHALL BE FULL BODY WITH MINIMUM YIELD STRENGTH OF 45,00 PSI. RE-TIGHTEN BOLTS BEFORE CLOSING IN WORK.
- LAG SCREWS SHALL BE STEEL AND CONFORM TO ANSI/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 11J 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 ANSI/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
- 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. PAR2, WITH MINIMUM BENDING YIELDS PER TABLE 11N IN NDS. (SEE NAIL EQUIVALENCE BELOW) 10. NAIL EQUIVALENCE:
- (PROVIDE MINIMUM NAIL LENGHTS 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

- 11. PRESSURE PRESERVATIVE TREATMENT SHALL BE PER SECTION 2303.1.8. CCR TITLE 24, PART 2. PROVIDE QUALITY MARK ON AL 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 PRESSURE TREATED.
- 12. ONLY MATERIALS IN CONTACT WITH THE GROUND NEEDS TO BE PRESSURE TREATED, ALL OTHER FOUNDATION LUMBER CAN BE DF OR HF#2 OR EOUAL
- 13. 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.
- 14. FASTENERS FOR PRESSURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOOD SHALL COMPLY WITH SECTION 2304.9 OF CBC.
- 15. NAILS AND SPIKES USED IN WET OR EXTERIOR LOCATIONS SHALL COMPLY WITH SECTION 2304.9.1.1 OF
- 16. SHIM MATERIAL ABOVE SILL PLATES SHALL BE PLYWOOD CD EXP 1 OR EQUAL (NOT PRESSURE
- 17. USE LUMBER IN GOOD CONDITION IS ACCEPTABLE FOR USE IN FOUNDATION SYSTEM
- 18. TIE PLATES SHALL CONFORM TO A-1011 GRADE 33.

# SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

- 1. 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.
- 2. 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:**

- 1. 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.
- 2. 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:**

- 1. THE WORK CONSISTS OF INSTALLING ON-SITE MODULAR RELOCATABLE BUILDINGS AS DEFINED HEREIN, SHOWN AND DETAILED ON THE DRAWINGS
- 2. 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
- 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:**

- 1. ALL ON SITE OR OFF SITE UTILITIES AND THE CONNECTION OF THEM TO THE BUILDING UNLESS INDICATED ON THE DRAWINGS
- 2. ALL LEVELING, GRADING OR OTHER SITE PREPARATION (EXCEPT FOUNDATION LEVELING WHERE REQUIRED) UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- 3. FIRÈ 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.

- 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
- 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 CANE SHALL BE TAKEN TO AVOID DAMAGE TO THE ELEMENTS BY RACKING OR
- 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 = 1.0PROJECT IS NOT LOCATED IN A SNOW REGION SNOW LOAD =

# **SEISMIC DESING DATA:**

BUILDING CODES = 2019 CBC

#### **MOMENT FRAME PC'S:**

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)

= 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

# 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.

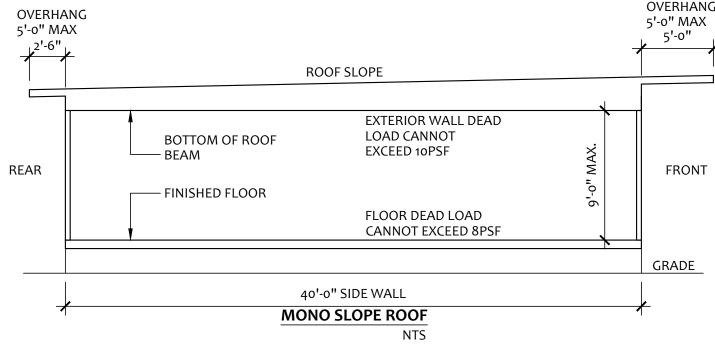
THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:

- 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) 5. FLOOR DEAD LOAD OF 8PSF

5'-0" **ROOF SLOPE ROOF SLOPE** EXTERIOR WALL DEAD LOAD CANNOT **BOTTOM OF ROOF** EXCEED 10 PSF REAR FRONT — FINISHED FLOOR FLOOR DEAD LOAD **CANNOT EXCEED 8PSF** GRADE 40'-0" SIDE WALL **DUAL SLOPE ROOF** OVERHANC 5'-o" MAX 5'-0"

RIDGE

5'-o" MAX



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

**Jack Shively** 

Name of Architect or Engineer in general responsible charge

Signature of Architect or Structural Engineer

Name of Structural Engineer (When structural design has been delegated)

THE EXAMPLE FORM DSA-103 SHOWN IS FOR ILLUSTRATION PURPOSES ONLY TO ASSIST IN THE COMPLETION OF FUTIRE 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



List of Required Structural Tests & Special Inspections - 2019 CBC

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

School Name ELITE MODULAR UNIVERSAL FOUNDATION PC (SAMPLE T&I) WOOD District ELITE MODULAR LEASING & SALES INC. 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 For more information on use of this form, see DSA-103.INSTR. construction, including but not limited to, special inspections not listed 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.

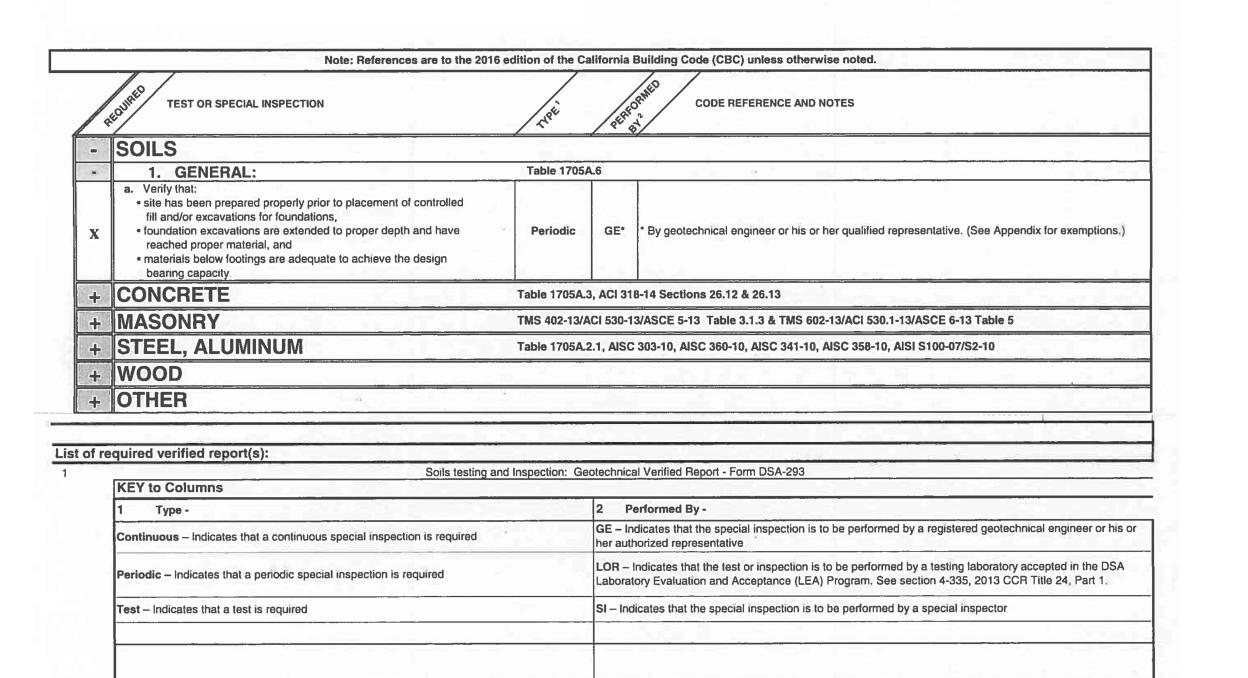
INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your 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.

IDENTIFICATION STAMP

DIV OF THE STATE ARCHITECT

APP. # 04-120373

AC\_N/A F/LS\_N/A SS\_





**OVERHANG** 

5'-o" MAX



PROJECT NAME:

**STRUCTURAL SPECIFICATIONS** WOOD FOUNDATIONS

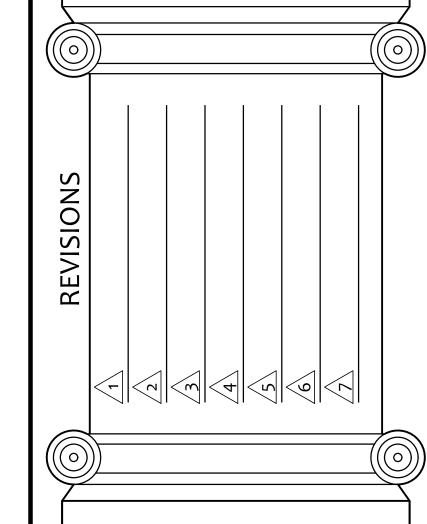


APPROVED DIV. OF THE STATE ARCHITEC APP: 04-120373 PC REVIEWED FOR SS FLS ACS CG 08/24/2021 ORIGINAL PC STATE AGENCY APPROVAL

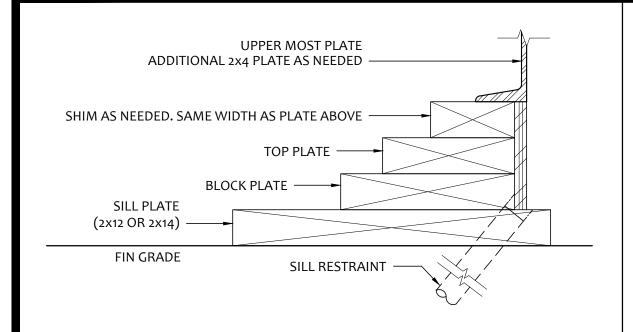
1ESE DKAWINGS AND ALL MATERIAL CONTAINED HE ARE THE PROPERTY OF ELITE MODULAR LEASING & SALES INC (ELITE MODULAR) AND SHALL NOT BE REPRODUCED COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY 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. Inc SHALL BE THE

PROPERTY OF ELITE MODULAR Inc.



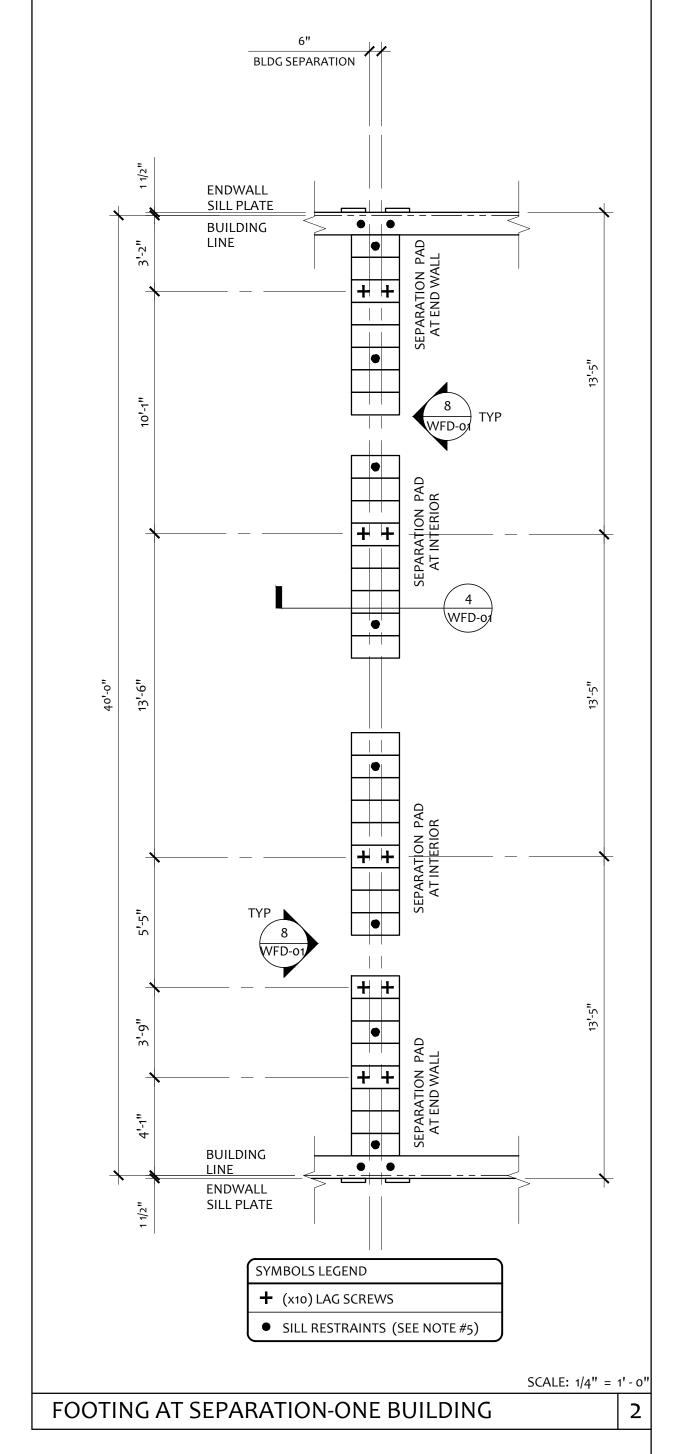
PROJECT NO: DRAWN BY: F.C. SCALE: AS NOTED DATE: AUGUST 23, 2021 SHEET NUMBER



# FOUNDATION PLATE DESCRIPTION

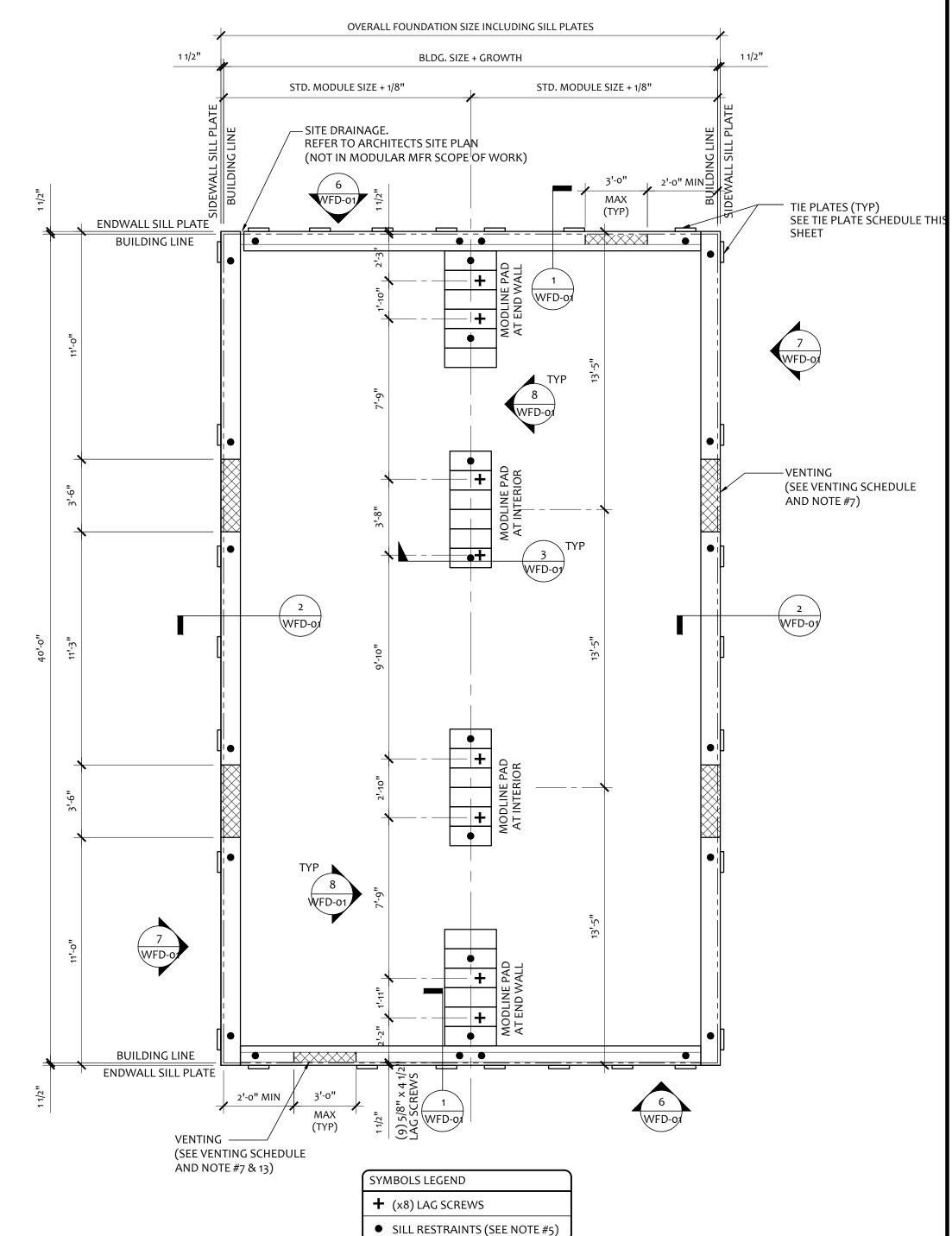
- . BUILDINGS OVER 2160 SF, MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER IR 16-1 ITEM 1.4.
- 2. FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
- 3. FOUNDATION 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
- 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.
- 5. 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.
- 8. VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
- 9. FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 15/WFD-01
- 10. IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE BLOCK PLATE
- 11. FOR FOUNDATION SPLICE SEE 5/WFD-01 12. 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).
- GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHELYNE FILM (≥ 6 MIL); POOL LINER (PUNCTURE RESISTANT); AND POLYETHELYNE 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.
- 13. ENDWALL VENTS (IF REQ'D) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS.
- MAXIMUM ONE ENDWALL VENT PER 12'-0" MODULE 14. 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 15. IF PARAPET IS HIGHER THAN 18". COMBINATION REQUIRES A 2 X 14" OR 2 X 16" SILL PLATE @
- EXTERIOR OF BUILDING 16. 150 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OPTION
- 7. 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

# NOTES



				. D. A.T.E. G.	<u> </u>				D.C.E.			
	VVC		JNDATIO	N PLATE SO	CHE	של	LE - 5	0 + 1	<u>5 PSF</u>			
			MODLINE PAD	MODLINE PAD	ς	FPARA	TION PAD	AT FND	WALL T	SEPARATIO	N PAD	AT INTERIOR
PLATES	END WALL	SIDE WALL	AT END WALL	AT INTERIOR			ONE BLI		VILL		ONE BL	
ADDITIONAL TOP PLATE (AS NEEDED)	2X4	2X4	2x6	2x6			2X12				2X12	
ТОР	2x6	2x6	2x8	2x8			2X12				2X12	
BLOCK	2x8	2x8	2X10	2X10			2X12				2X12	
SILL	2X12 (2X14) <sup>15</sup>	2x12 (2x14) <sup>15</sup>	(6) 2x12 x 2'-0"	(6) 2x12 x 2'-6"			(7) 2x12 x 2'-0	<b>,</b> "		2>	(10) (12 X 2'-	o"
KEY PLA	N VENTII	NG SCHE	DULE				NAIL	ING	SCHE	DULE		
VENT "A" (SIDE	VENT "A" (SIDEWALL): 3'-6" x 4.5" = 1.3125 S.F. VENTILATION				BUILDING SIZE							
	"VENT O BELOW	PENING CONT UPPER PL	ATE"	24' x 40'	SEE NAILING SCHEDULE ON 16/FD-01 FOR NAILING SPACING & PLATE ATTACHMENT				CING & PLATE			
VENT "B" (END\	VALL): 3'-0" x 3"	= 0.75 S.F. VENT	ILATION		VENTING SCHEDULE							
(OPTIONAL AT	"VFNT O			BUILDING SIZE		LDING REA	REQ. VENTING		IDE NTING	END VENTING	G	TOTAL VENTING SUPPLIED
MULTIPLE BLDC SETS)	-	CONT. SILL AND	BLOCK PLATE"	24' x 40'	96	50 SF			" = (4) 1.3125 5 SF TOTAL)	3'-0" x 3" = ( SF/EA(1.5 SF TC		6.75 SF
VENT "C" (END	WALL): 3'-0" x 4	1/2 " = <u>1.125 S.F. \</u>	/ENTILATION									
(OPTIONAL AT MULTIPLE BLD	_   VLIVI O		BLOCK PLATES"				TIE P	LATE	SCHE	DULE		
SETS)	BUILDING SIZ	ΖE	SIDE	WALL TIE	PLATES	END WALL TIE PLATES			TAL NUMBER TIE PLATES			
				24' x 40'		7		7			28	
						•				l		

_					
	OPTION	MANUFACTURER	STD. MODULE SIZE	BLDG SIZE + GROWTH	OVERALL FOUNDATION SIZE INCLUDING SILL PLATES
		SILVER CREEK	11' - 11"	23' - 10 1/4"	24' - 1 1/4"
		MODTECH	11' - 11 1/2"	23' - 11 1/4"	24' - 2 1/4"
	$\boxtimes$	AURORA	12' - 0"	24' - 0 1/4"	24' - 3 1/4"
		MSI	12' - 0"	24' - 0 1/4"	24' - 3 1/4"
		CURRENT / SMI	12' - 0"	24' - 0 1/4"	24' - 3 1/4"
		PACE SETTER	11' - 10"	23' - 8 1/4"	23' - 11 1/4"
		WALDEN	11' - 11 1/4''	23' - 10 5/8"	24' - 1 5/8"
		EBS	11' - 10"	23' - 8 1/4"	23' - 11 1/4"
		MBS	11' - 10"	23' - 8 1/4"	23' - 11 1/4"
		STEELGUARD	12' - 0"	24' - 0 1/4"	24' - 3 1/4"



- 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 PLAN SCALE: 1/4" = 1' - 0"

**IDENTIFICATION STAMP** DIV. OF THE STATE ARCHITEC APP: 03-122420 INC: REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹 DATE: 11/30/2022

PROJECT SPECIFIC STATE AGENCY APPROVAL



PROJECT NAME:

WOOD FOUNDATION PLAN 24x40 (50 & 50+15 PSF)

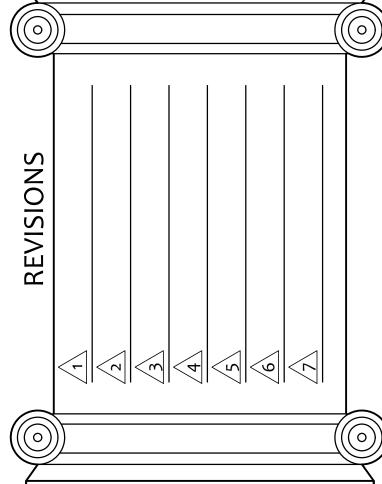


APPROVED DIV. OF THE STATE ARCHITEC APP: 04-120373 PC REVIEWED FOR SS FLS ACS CG

ORIGINAL PC STATE AGENCY APPROVAL

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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH ELITE MODULAR Inc. Inc SHALL BE THE PROPERTY OF ELITE MODULAR Inc.



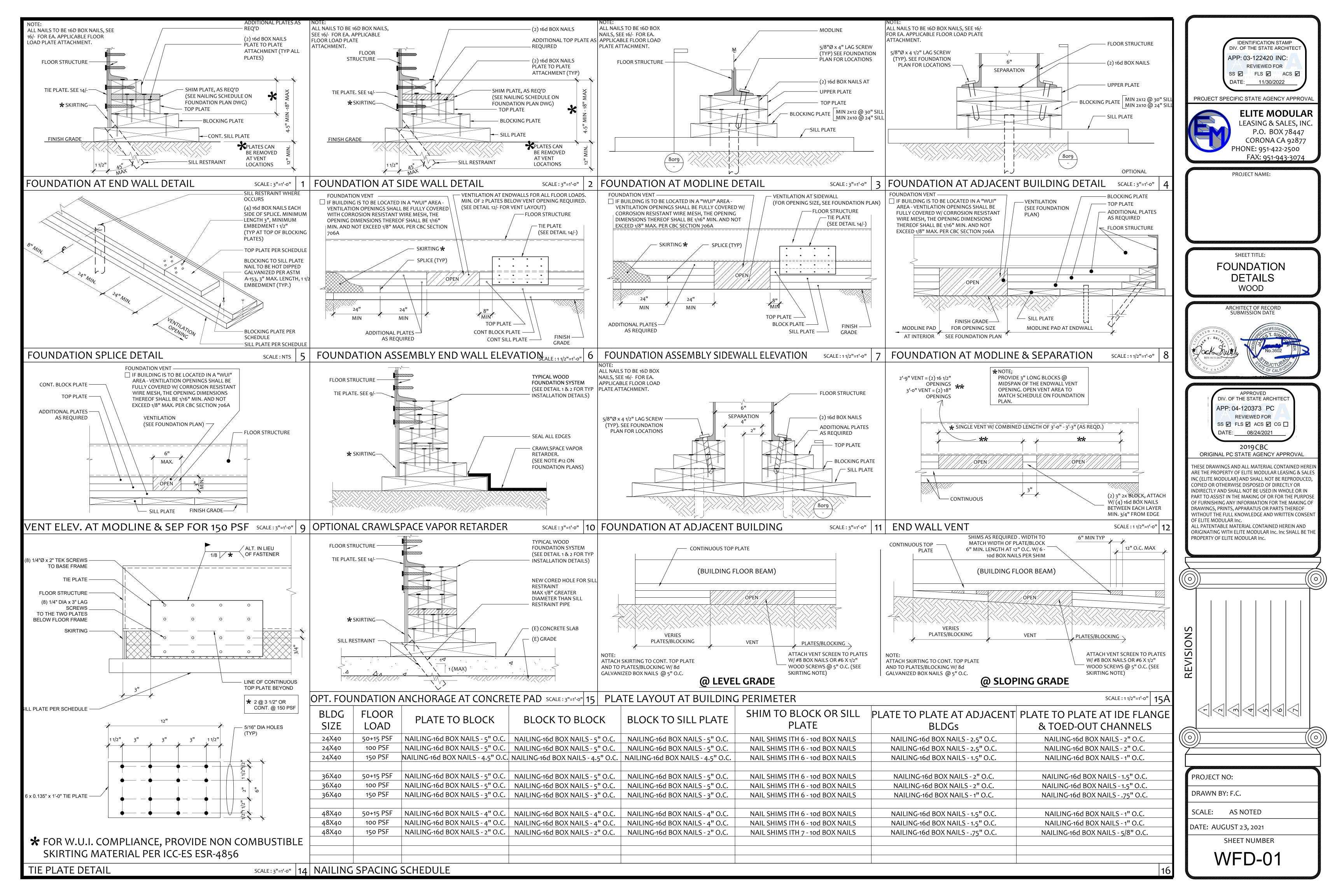
PROJECT NO: DRAWN BY: F.C.

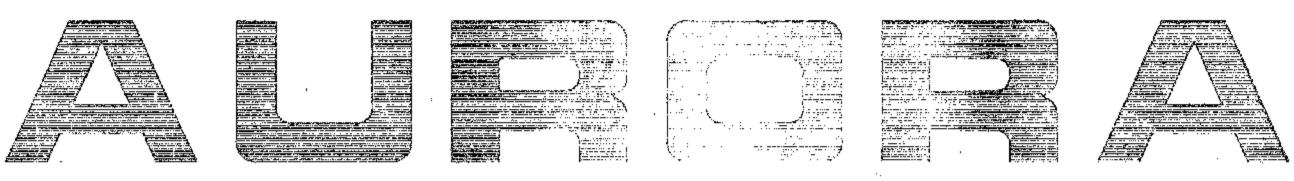
DATE: AUGUST 23, 2021

SCALE: AS NOTED

SHEET NUMBER

WF-04





# RELOCATABLE CLASSROOM BULDING

12 X 40

INDEX

ELITE MODULAR **ALTERATION STOCKPILE #38 CONVERSION OF (x2) 24x40 CLASSROOMS** ONTO (x4) 12x40 RESTROOMS S.N's: 19917 18 & 19931 22



# REFERENCE STANDARDS

APPLICABLE CODES

**AMENDMENTS**)

AMENDMENTS)

LIST OF 2019 CALIFORNIA CODE OF REGULATIONS

2019 BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.

2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.

2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.

(2015 IAPMO UNIFORM MECHANICAL CODE & 2016 CALIFORNIA

2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.

2019 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.

(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.

(2015 INTERNATIONAL BUILDING CODE VOLUMES 1-2 & 2016 CALIFORNIA

(2014 NATIONAL ELECTRICAL CODE & 2016 CALIFORNIA AMENDMENTS)

(2015 IAPMO UNIFORM PLUMBING CODE & 2016 CALIFORNIA AMENDMENTS)

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.

NFPA 13 AUTOMATIC SPRINKLER SYSTEMS 2013 EDITION (WHERE APPLICABLE)

2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.

NFPA 72 NATIONAL FIRE ALARM CODE 2013 EDITION (WHERE APPLICABLE)

(2015 INTERNATIONAL FIRE CODE & 2016 CALIFORNIA AMENDMENTS)

2019 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 & 2, PART 2, TITLE 24 C.C.R.

EML

LOWELL J.S.D.

MAYBROOK E.S.

NFPA 13AUTOMATIC SPRINKLER SYSTEMS(CALIF AMENDED) NFPA 72NAT. FIRE ALARM CODE (CALIF. AMENDED) 2019 EDITION (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

RELOCATION SET FROM STOCKPILE A#04-119298

TO SITE SPECIFIC. (TEMPORARY UNIT)

(X1) 12X40 TOILET BUILDING SN 19931

TYPE OF CONSTRUCTION WIND LOAD FLOOR LIVE LOAD ROOF LIVE LOAD ELILDING DATA RUSTO FRAME MODULES TNO 12 x 40'

FOUNDATION: MOOD

OCCUPANCY

BODG DATA (50 LBS STANDARD)

V - NON RATED 50 16s/sa. #t. 20 lbs/sa. ft. 960 eq. ft.

70 mp.h. EXPOSURE 'C'

FOUNDATION FLUST NO GRADE CONCRETE

BLDG DATA (50 PSF+20 LBS PARTITIONS OPTION

TYPE OF CONSTRUCTION V - NON RATED WIND LOAD TO m.p.h. EXPOSURE 'C' FLOOR LIVE LOAD 50 lbs/sa. ft. +

20 lbs/sq. ft. 960 sa. ft. ROOF LIVE LOAD BUILDING DATA SYSTEM: RIGID FRAME MODULES: TWO 12"x 40"

FOUNDATION: NOOD FOUNDATION. CONCRETE FOUNDATION: FLUSH W/ GRADE CONCRETE

BLDG. DATA (100 PSF OPTION)

ARE OF CONSTRUCTION FLOOR LIVE ROOF LIVE LOAD BUILDING DATA SYSTEM: RIGID FRAME MODULES: TWO-12" x 40"

V - NON RATED TO m.p.h. EXPOSURE 'C' 100 165/38 + t. −950 sq. ft.

FOUNDAT LOW! MOOD FOUNDATION CONCRETE

BLDG. DATA (125 PSF OPTION)

CYPE OF CONSTRUCTION V - NON RATED 70 m.o.h. EXPOSLIRE C FLOOR BLYE LOAD ايه هر 125 (bs/sq. عاد 125 ROOF LIVE CRAD 20 155/SAME BUILDING DATA 960 sa. Ft. SYSTEM: RIGID FRAKE MODULES: TWO 12'x 36 FOUNDATION, WOOF FOUNDATION: CONCRETE GRADE CONCRETE

THE THAT PARTION PLANT AND DETAILS (CONC. 50 LS. L. L. ABOVE CRADE) THE PARTITION PLAN AND DETAILS (CONC. SO LB. L. L. + 20 LBS. PARTITIONS, ABOVE GRADE) <del>, n. faratatian plan and details (conc. loc la l. l. aboyt grade)</del> ATT FORMATION FUAN AND DETAILS (CONC. 125 LB. U. U. ABOVÉ GRAPE) THE FOUNDATION PLANSAND DETAILS (CONC. SO LB. C. C. FLUSH WITH GRADE) I' - FOUNDATION PLAN AND DETAILS (CONG. 50 LB. L. L. + 20 LBS. PARTITIONS, FLUSH WITH GRADE) <del>IN TOUNDATION PLAN AND DETAILS (CONS. 100 LS. L. L. FLUSH HITH GRADE)</del> THE TOTAL PRIOR FLAN AND DETAILS (CONC. 125 LB. L. L. FLUSH WITH GRADE) 3 BUILDING SECTIONS AND WALL FRAMING 4 TYPICAL DETAILS 5 FLOOR FRAMING. ROOF FRAMING & STRUCTURAL ELEVATIONS 5.1 STEEL TRUSS SECTIONS AND DETAILS 6A STRUCTURAL DETAILS (BUILT-UP ROOF) 6B STRUCTURAL DETAILS (22 GA ROOFING) 6C STRUCTURAL DETAILS (26 GA ROOFING) 7 REFLECTED CEILING PLAN AND DETAILS (ORIGINAL POST ALTERATION FLOOR PLAN) ELECTRICAL POWER & LIGHTING PLAN, AND PANEL SCHEDULES (ORIGINAL POST ALTERATION FLOOR PLAN) SPECIFICATIONS, INTERIOR & EXTERIOR & FINISH SCHEDULES P.1 DAMPPLAN AND DETAILS (METAL DECK) + : BAME PLANT OF ALLES (LLOSS DECK) ALT M-1 AIR CONDITIONING PLAN

ALT-01 ALTERATIONS PLAN BOYS/GIRLS/STAFF/STAFF RESTROOMS

THE FRANCISM OF AN AND DETAILS (MODD SO LESS. LIVE LOAD).

THE FORMER AND INCOME FLANT AND INTERNALS (MODIO 125 LIBS), LITTE LOAD!

TO THE ATTOM THAT! AND DETAILS I MODD TOO LOSE LIVE LOAD!

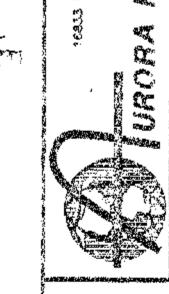
FLOOR PLAN, ROOF PLAN, BUILDING ELEVATIONS (ORIGINAL POST ALTERATION FLOOR PLAN)

<del>711 FOUNDATION PLAN AND DÉTAILS (MOCD 50 LB. L. L. + **20 L**BS, PARTITIONS)</del>

ALT-02 ALTERATIONS PLAN BOYS/GIRLS RESTROOMS

ALT-03 PLUMBING DETAILS AND SCHEDULES ....

FLOOR PLAN , FLOOR, PROFPLAN ELECTIONS ( REST ROOM FLOOR PLAN) T BELEVIED CEILING FLAND & DETAILS (ZEGRIZION FLOOR PLANS) BELEC & LIGHTPLK, FINNS ( REMPERCIAL PLAN) WOTE THESE SHEET ARE TO SEE WOR IT THE MEDICA IN FIRE & RESTRICT ALL OTHER CHEET STILL APPLY



(1)

DATE DATE 119298

FORE CORPA

**RAMP INDEX** 

FOUNDATION DETAILS (WOOD)

FOUNDATION INDEX (FOR REFERENCE ONLY)

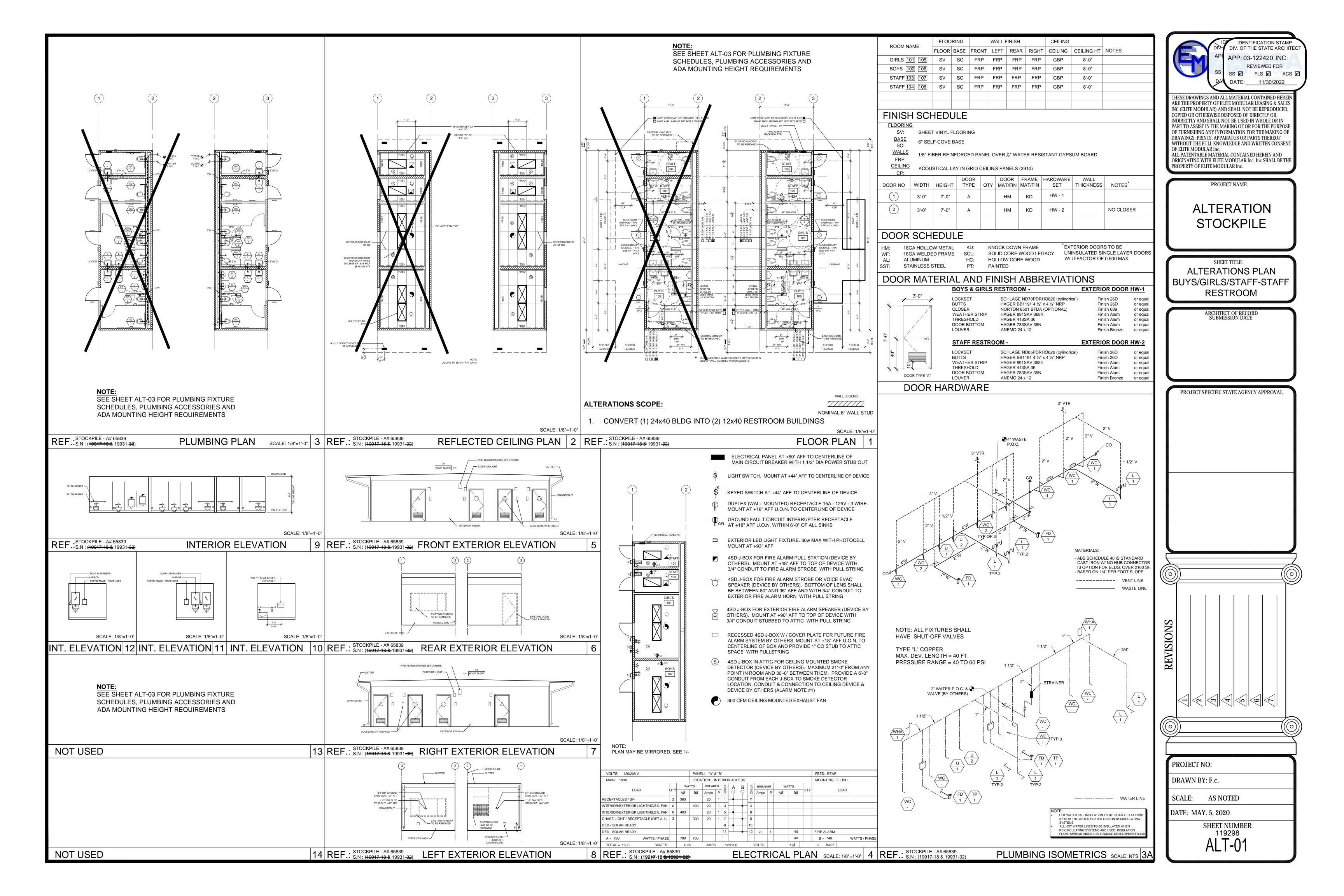
WOOD FOUNDATION PLAN 12x40 (50+15 PSF)

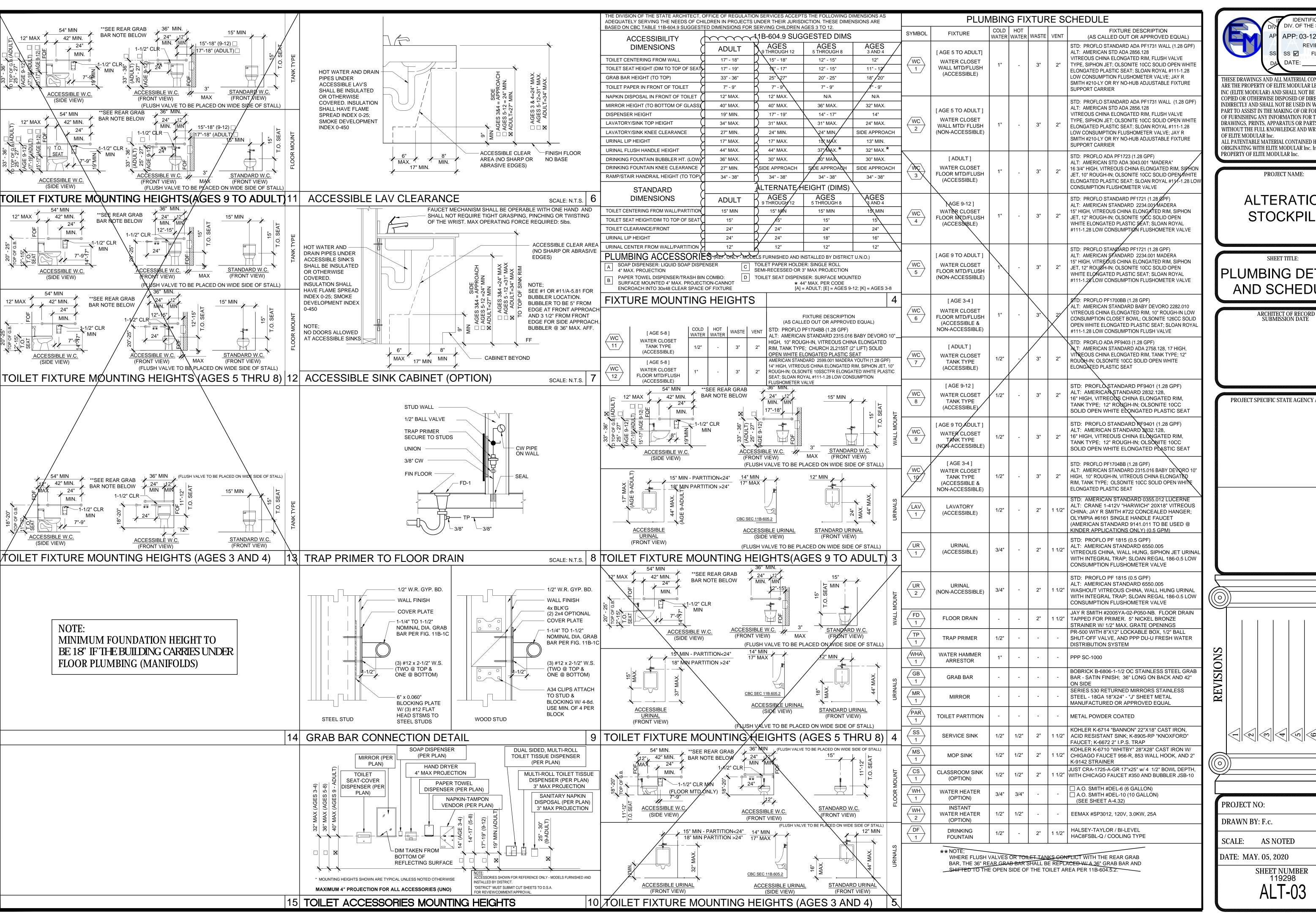
RAMP PLAN AND DETAILS RAMP DETAILS

MODE

CHECKED

REVISIONS





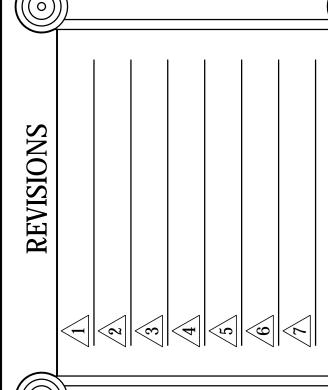


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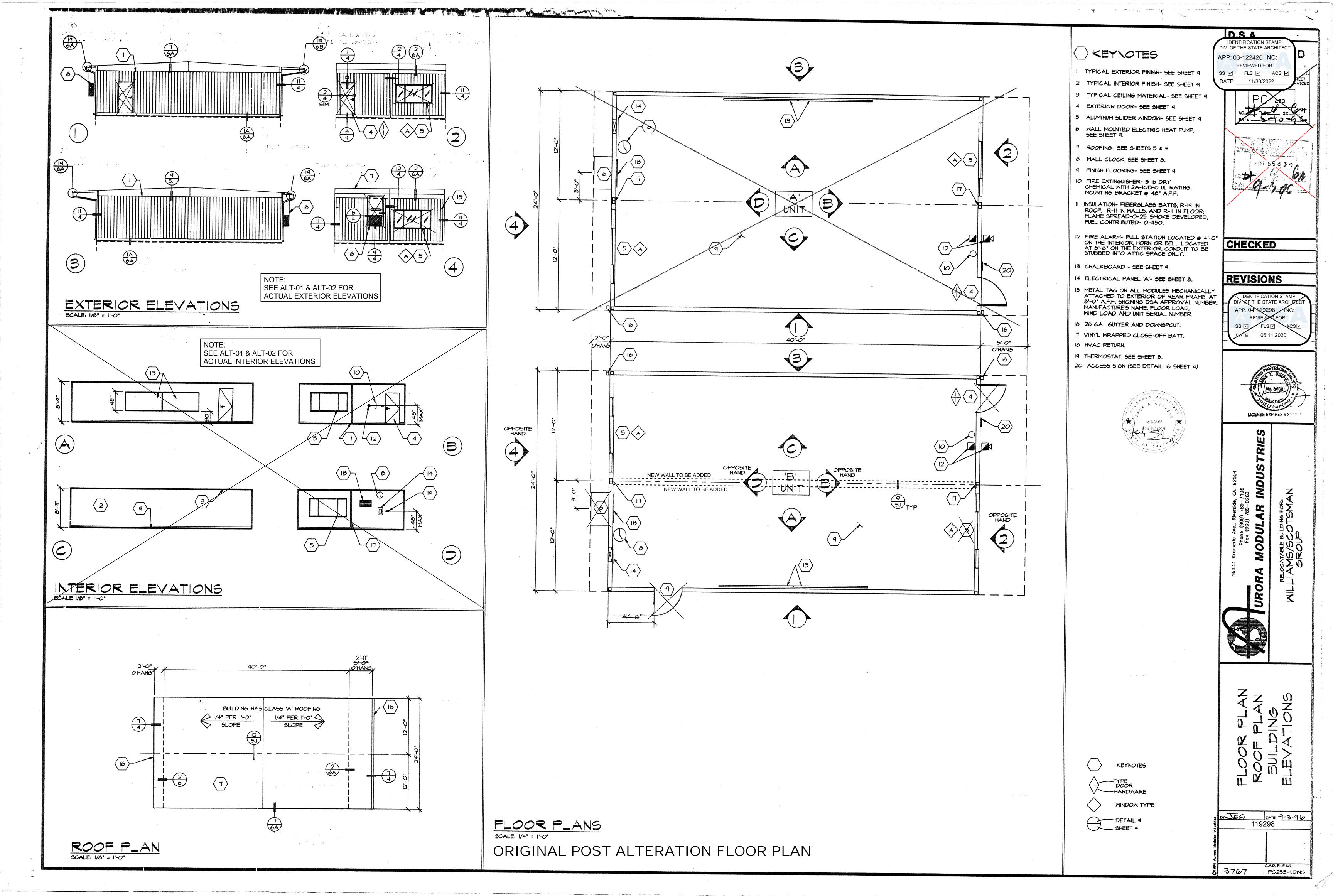
> **ALTERATION** STOCKPILE

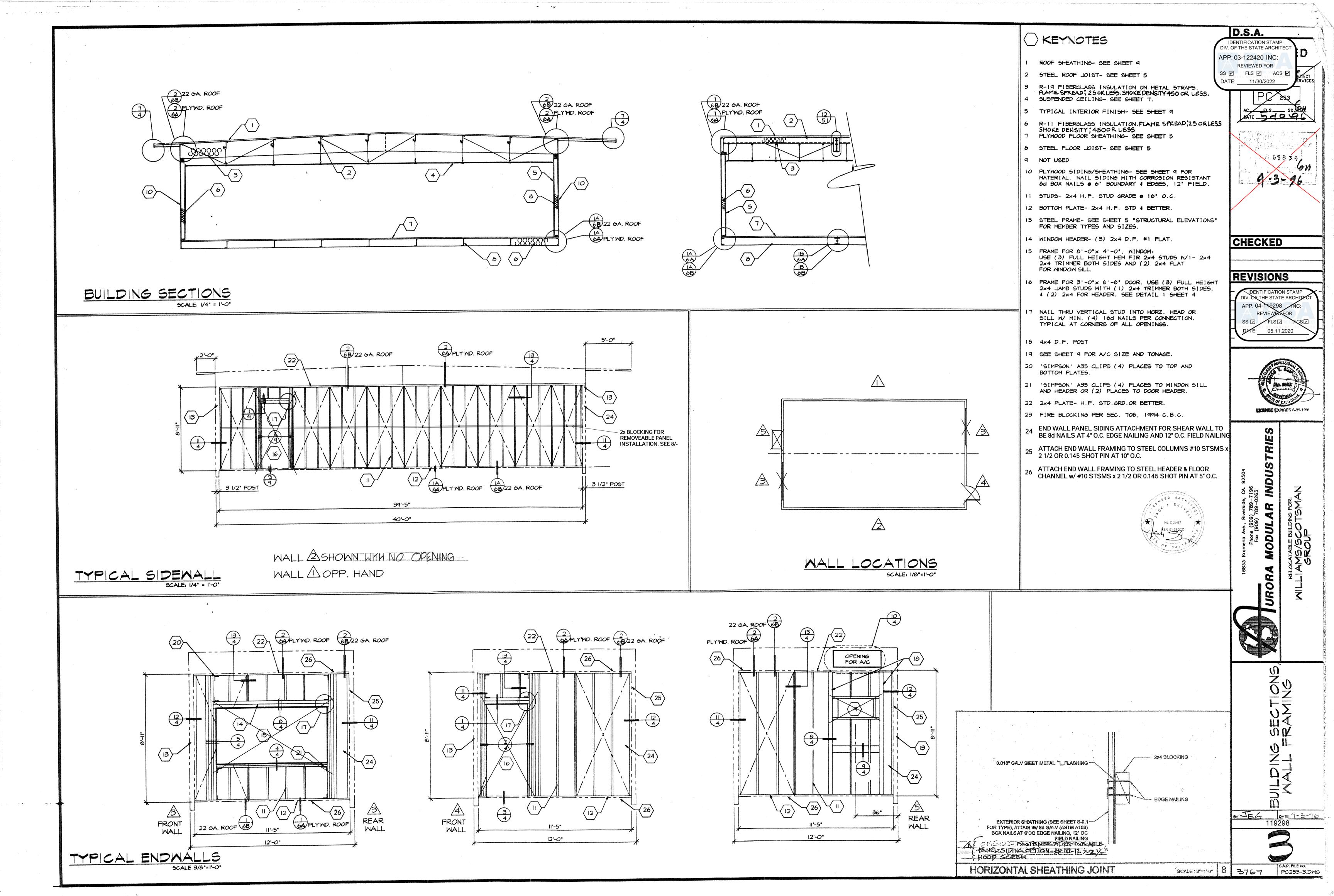
PLUMBING DETAILS AND SCHEDULE

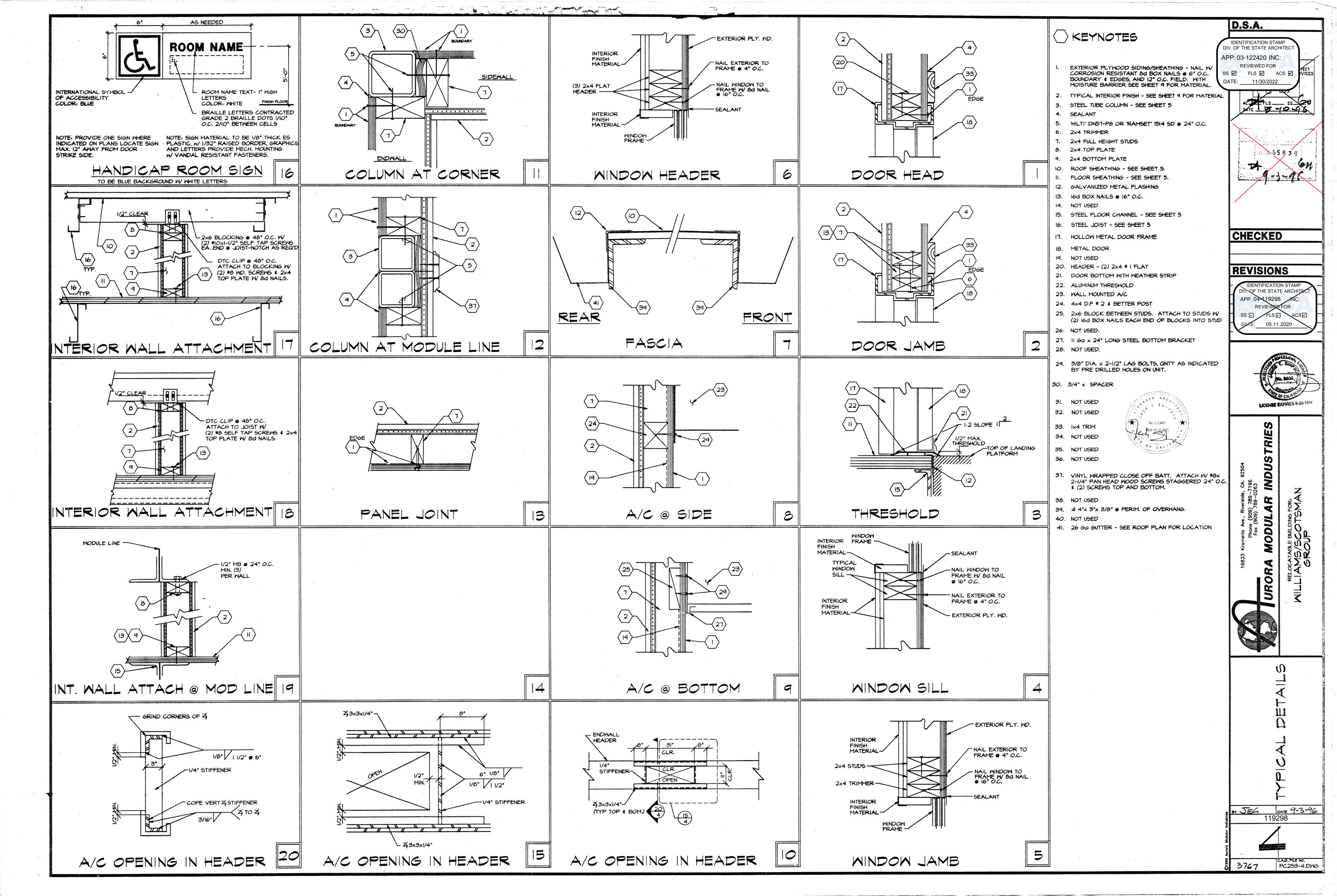
PROJECT SPECIFIC STATE AGENCY APPROVAL

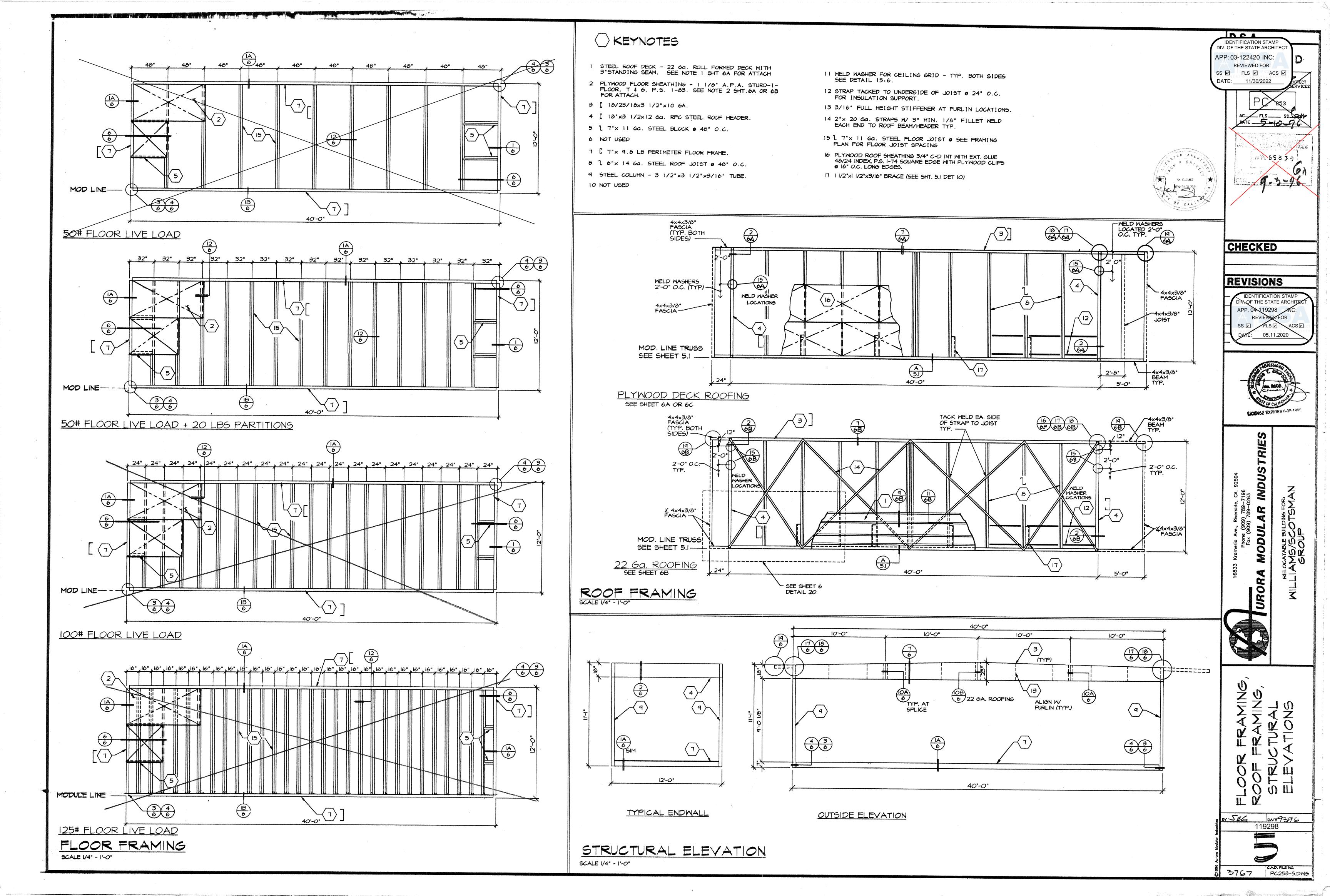


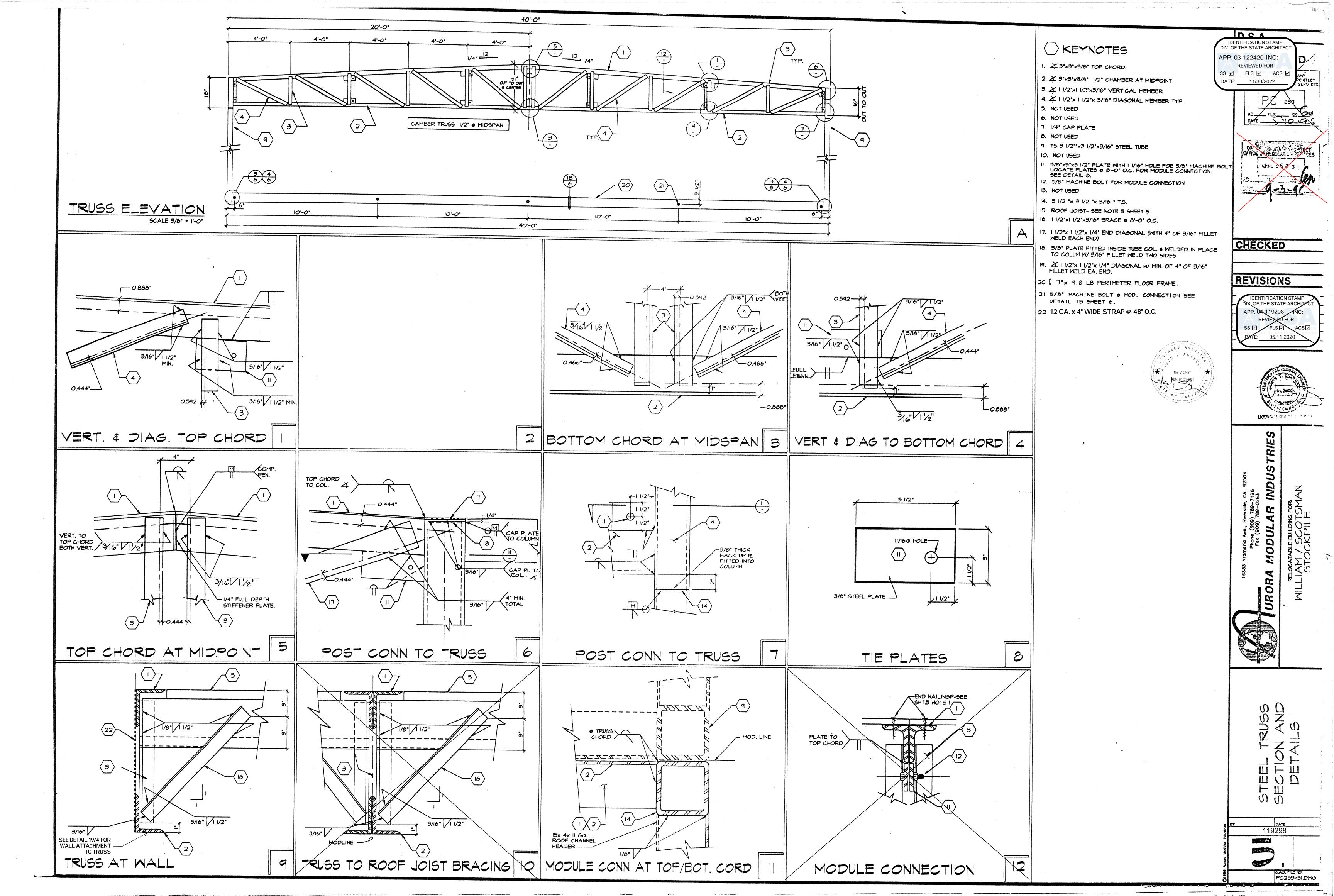
SHEET NUMBER

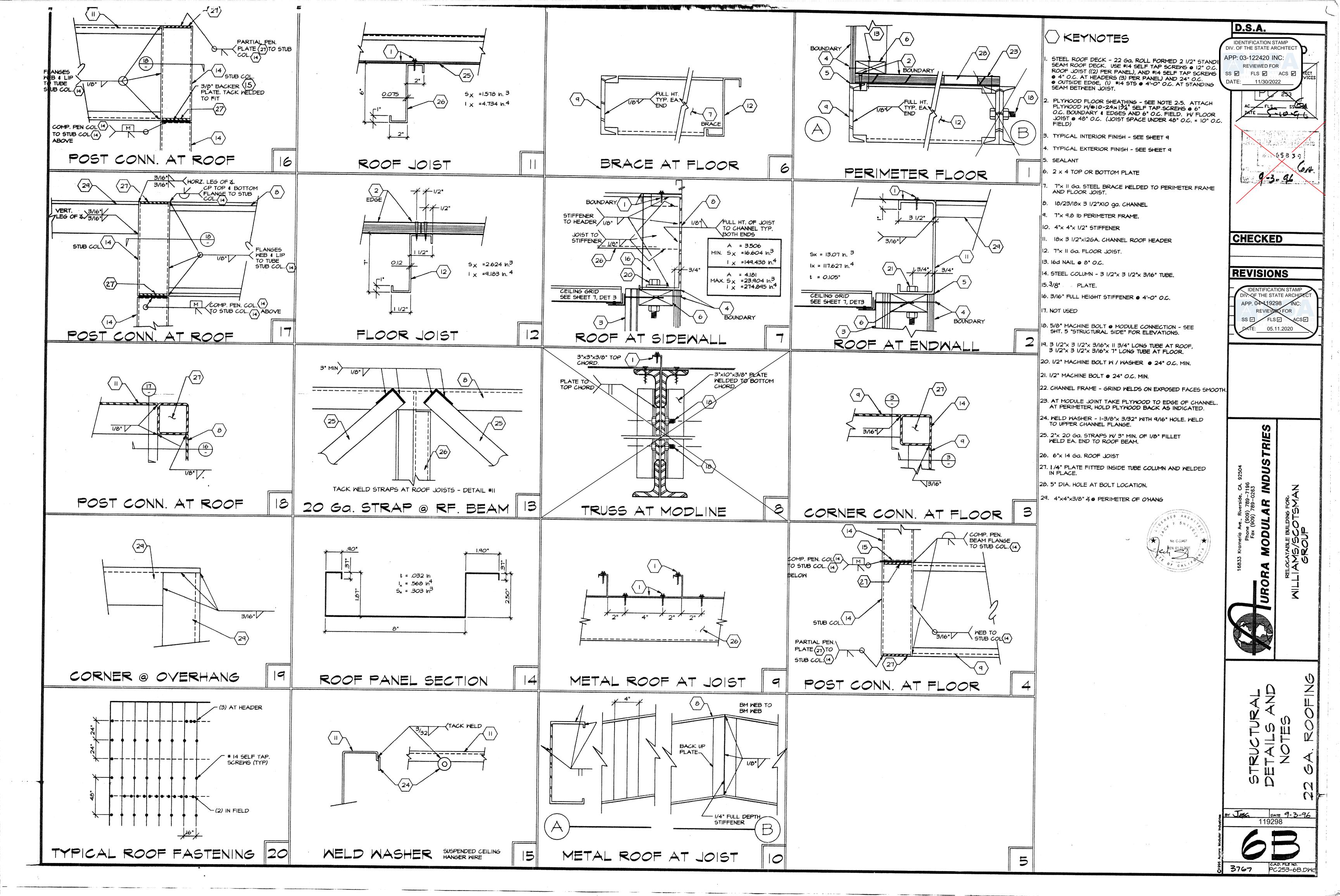


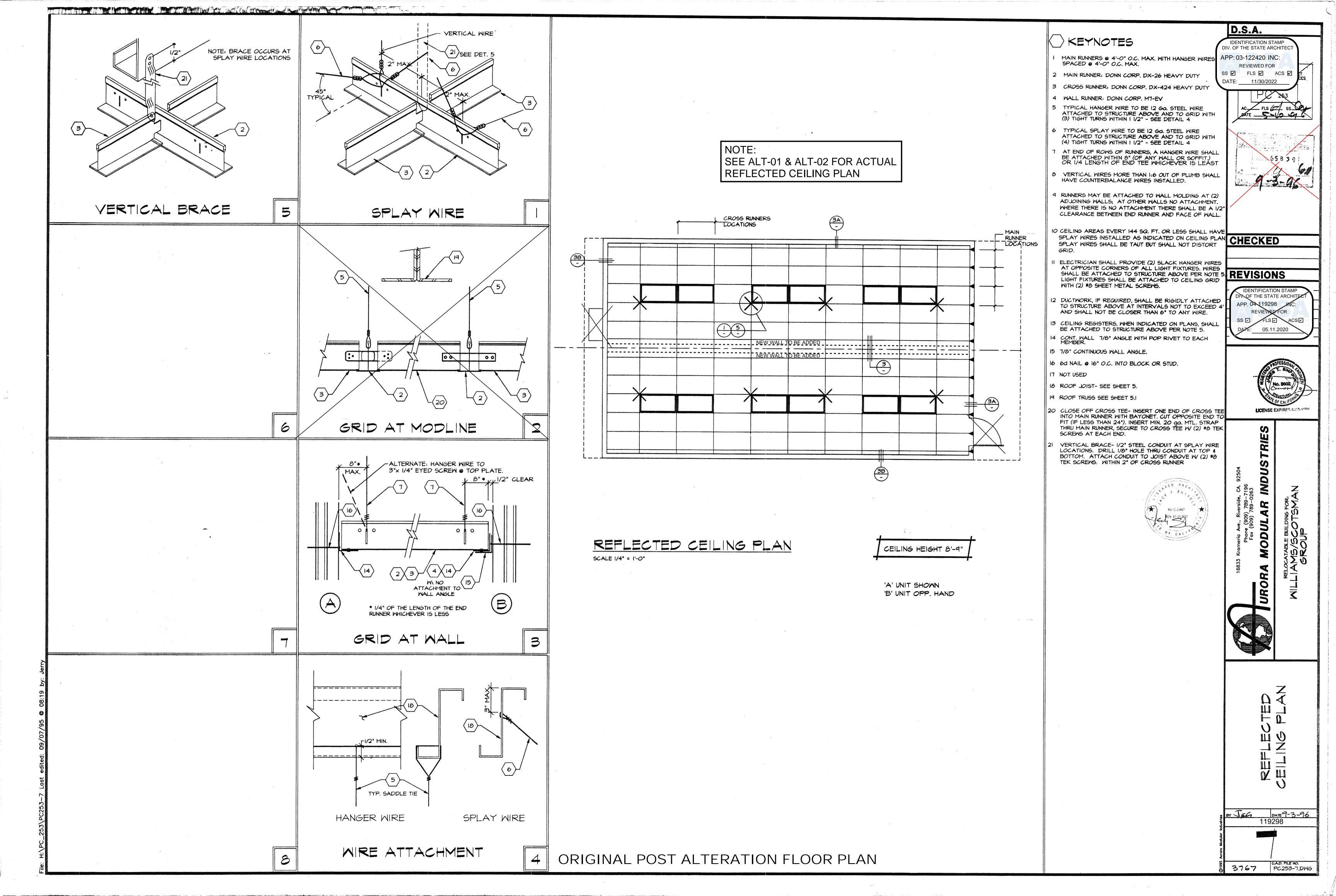












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ELECTRICAL LEGEND					
SYMBOL	DESCRIPTION				
<b>(</b> ) + 15"	DUPLEX RECEPT - 15a 125v 3 WIRE GROUNDING TYPE. "GFI" DENOTES GROUND FAULT INTERRUPTER				
\$ + 48"	LIGHT SMITCH - SINGLE POLE				
0	JUNCTION BOX				
F	DISCONNECT SWITCH -BUILT INTO A/C UNIT				
①+ 48"	THERMOSTAT				
<b>2</b> + 48"	FIRE ALARM PULL STATION, J-BOX & CONDUIT ONLY				
A+ 8'-6"	FIRE ALARM SPEAKER, J-BOX & CONDUIT ONLY				
	ELEC. PANEL				
	CLOCK 6" BELOW CEILING LINE				

SEE ALT-01 & ALT-02 FOR ACTUAL

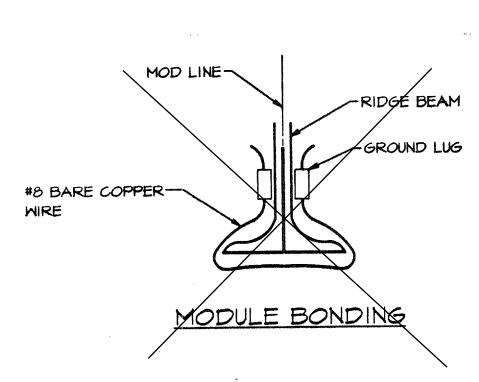
ELECTRICAL PLAN, LEGENDS AND

**ELECTRICAL PANEL** 

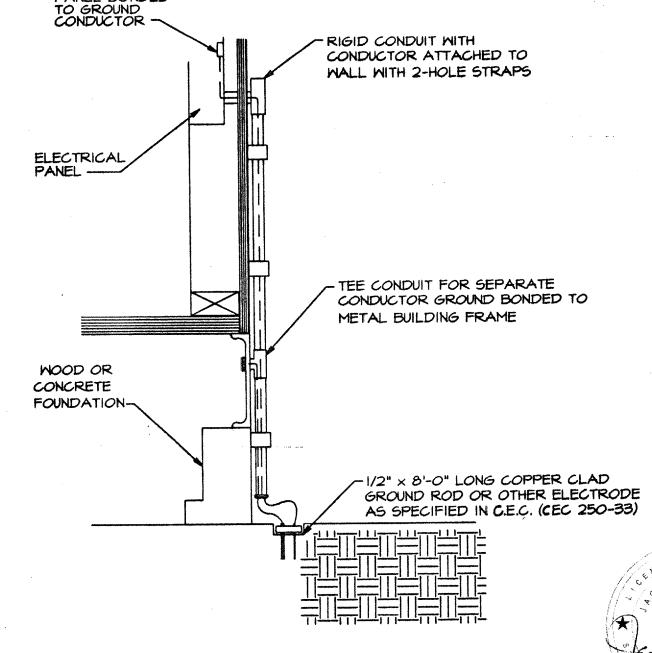
		2' x 4' FLUORESCENT DROP IN FIXTURE, ACRYLIC PRISMATIC LENS, ENERGY SAVING BALLAST. (4) 35 WATT TUBES, WT. 27 lbs	136 WATTS	CRESCENT 24TE44ODLA
	ф-	INCANDESCENT SURFACE MOUNTED EXTERIOR LIGHT WITH IMPACT RESISTANT ENCLOSURE	100 WATTS	KENALL 3663
,	 •	PANEL BONDED		
		TO GROUND CONDUCTOR		RIGID CONDUIT WIT CONDUCTOR ATTA WALL WITH 2-HOLE

FIXTURE SCHEDULE

DESCRIPTION



SYMBOL



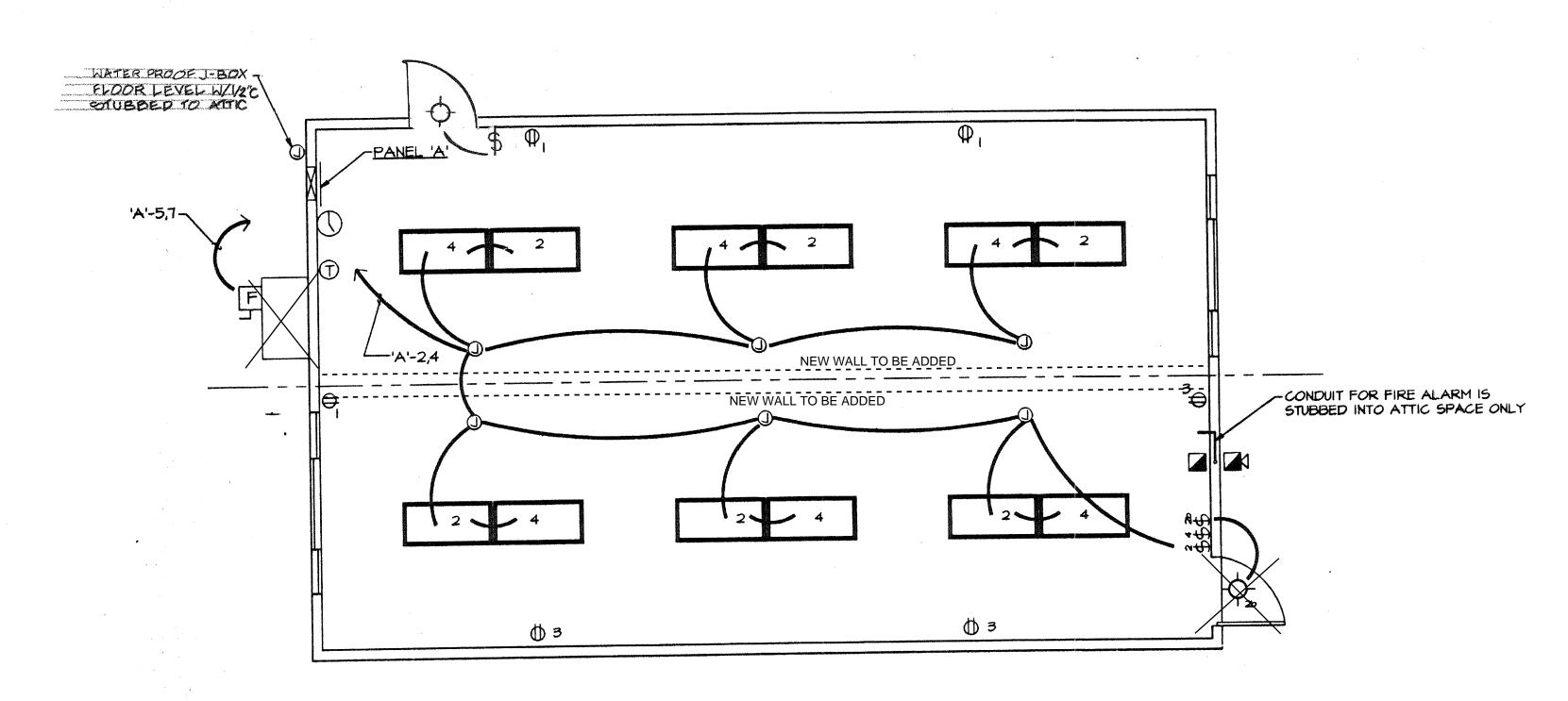
MANUFACTURER

WATTS

# SYSTEM GROUND DETAIL

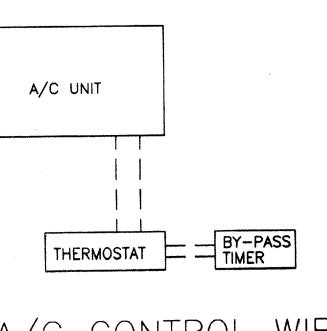
# NOT BY PORTABLE MANUFACTURE

- 1 SIZE OF CONDUCTORS SHALL COMPLY WITH CEC TABLE 250-95.
- 2 BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME (CEC 250-81).
  IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED AT LEAST 10 FT. INTO THE SOIL IF AVAILABLE. (CEC 250-81 4 250-83).
- 3 ALL MODULES OF THE METAL FRAME BUILDING SHALL BE ELECTRICALLY BONDED TOGETHER. (BOLTING ONLY IS NOT ACCEPTABLE BONDING.)
- 4 CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS (CEC 250-840) AS REQUIRED. WITH CONDUCTORS, AS SHOWN, SEPARATED BY AT LEAST 6'-O" UNTIL RESISTANCE 15250HMS OR LESS.
- 5 FIELD INSPECTOR SHALL WITNESS THE GROUNDING TEST.



'A' UNIT SHOWN 'B' UNIT OPP. HAND

# LIGHTING AND POWER PLAN

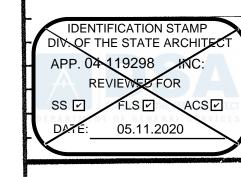


A/C CONTROL WIRING

D.S.A. IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC APP: 03-122420 INC: REVIEWED FOR SS FLS FLS ACS F DATE: 11/30/2022

CHECKED

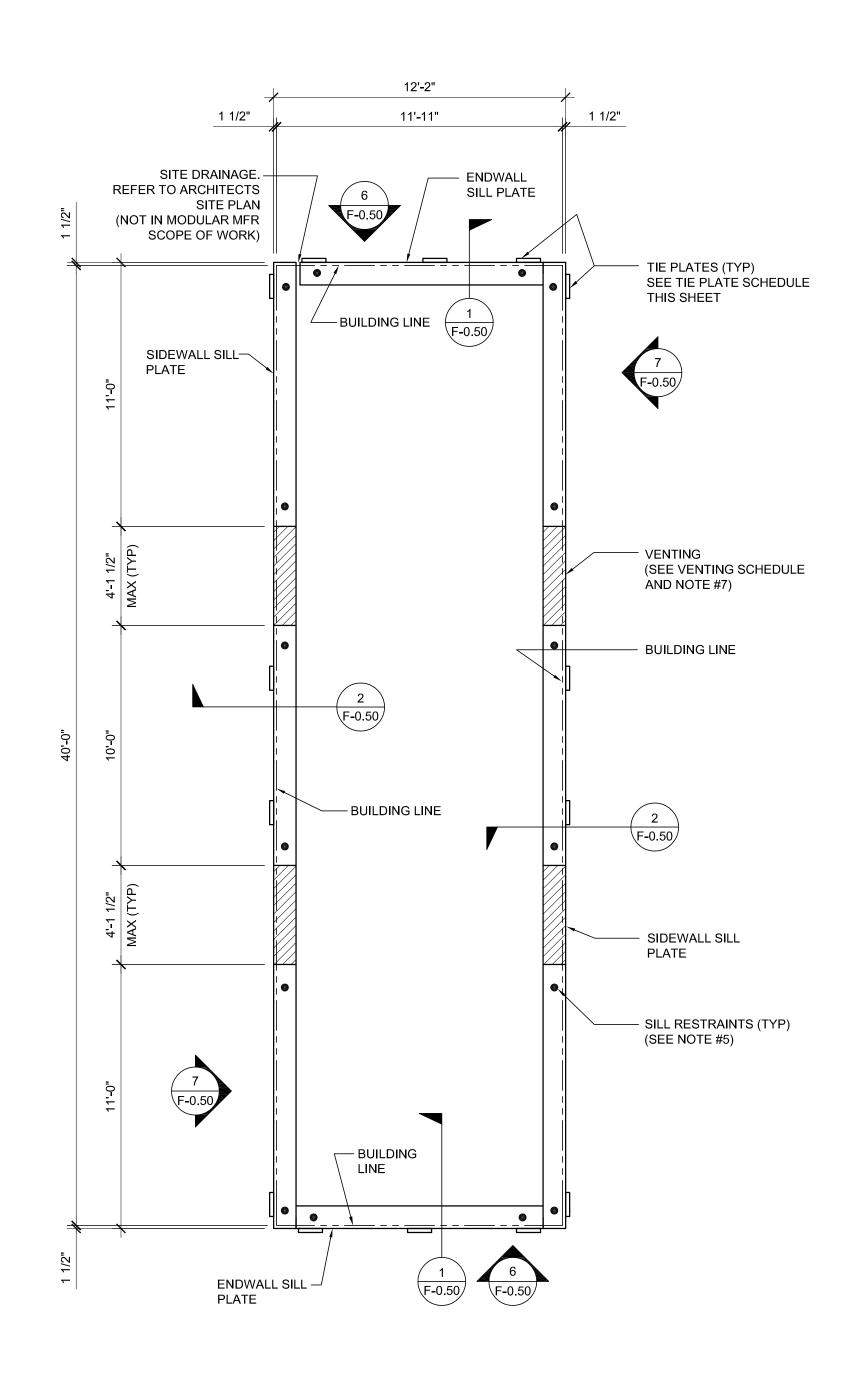
**REVISIONS** 



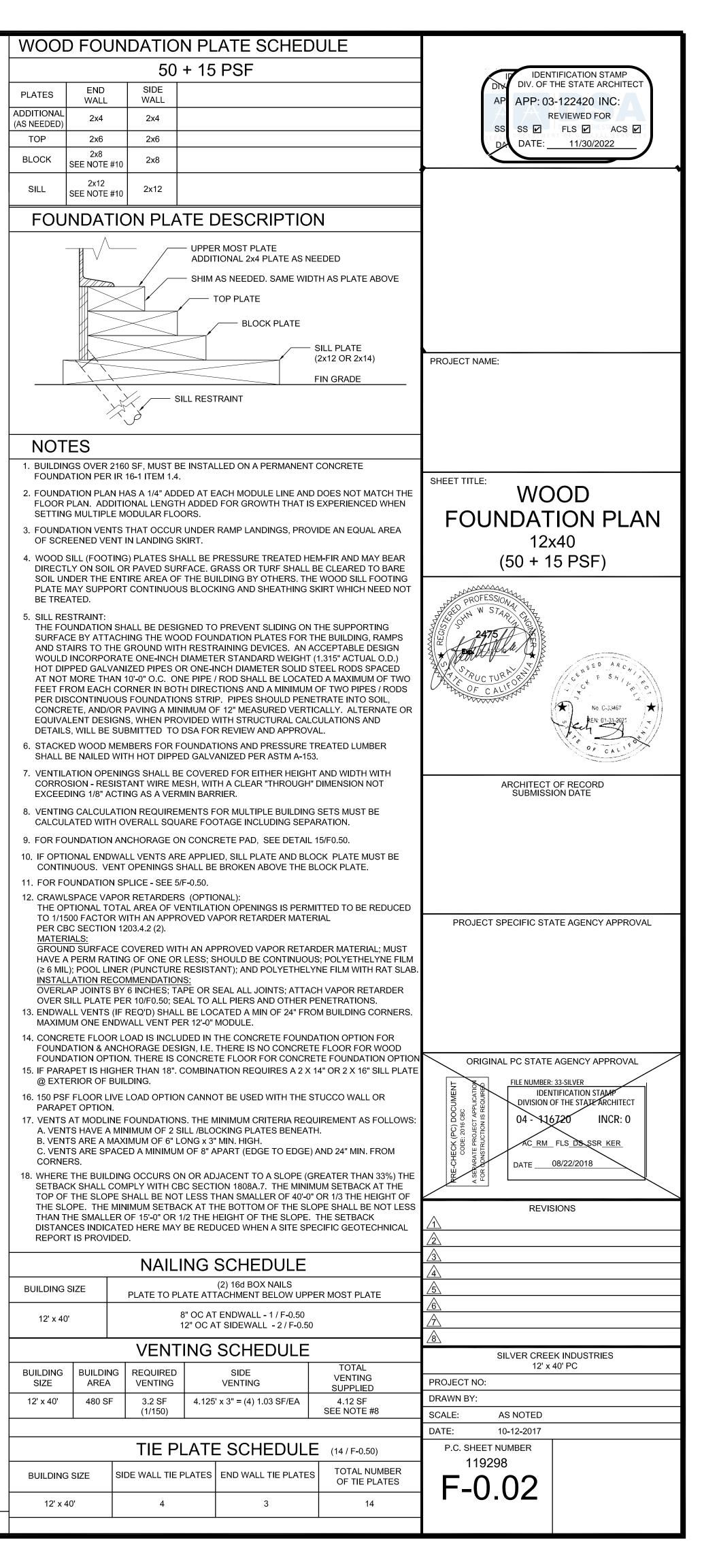


3767 PC253-8.0WG

#### GENERAL NOTES AND SPECIFICATIONS D. NAILS. BOLTS. SCREWS. NUTS, etc. - for exterior work shall be NAILING SCHEDULE 2. MATERIALS cadmium plated or galvanized. SECTION 1A 3'-0" x 6- 8" x 1 3/4" DSA HOLLOW METAL A. DOORS - Type L full flush, manufactured by Steelcraft 18 Ga. FULL FLUSH IN 16 Ga. METAL FRAME. E. HANDRAILS - Fabricated as detailed, welds ground smooth. Joists or rafters to sides of stude 1. GENERAL IDENTIFICATION STAME Manufacturing company or approved equal, 18 Ga. 1-3/4" thick. (3)-16d (1)-16d F. SHOP PAINT -DIV. OF THE STATE ARCHITEC A. The requirements of the General Conditions of the B. FRAMES - 16 Ga. cold rolled, 2" foces. for each additional 4" in depth of jois 1. Exposed steel coated with one shop coat APP: 03-122420 INC: agreement and this General Requirements apply to the 2. MATERIALS Bridging to joist, toenails ech end (2)-8dseveral trade sections with the same force as though a. blocking between joists or rafters REVIEWED FOR 2. Non-exposed steel coated with one shop coat Sheet metal accurately formed to dimensions and shapes fully repeated in each trade section. (2)-10dtoenails each side, each end SS 🗹 FLS 🗹 ACS 🗹 detailed with true straight lines, corners and angles. b. blocking between studs, each end B. Name brands are indicated to establish a standard of (2)-16d3. All surfaces thoroughly cleaned by effective means Flashings installed in longest lengths possible. Exterior DATE: 11/30/2022 quality. Items of equal or better quality may be or (2)-10d toenails prior to application of shop coats. work formed, fabricated and installed so that it adequately substituted for the listed brand named products. Sole plate to joist or blocking G. TESTS provides for expansion and contraction in the completed work 16d @ 16" o.c. C. All work shall comply with the requirements of titles 19, . Provide mill certificates or test the following members: and finishes water and weather tight. 853 18/23/18x3 1/2" 10ga. [ 7"x 9.8, Z 6"x 14 Ga., Z 7"x 11 Ga. L 3"x3"x3/8" SECTION 8D PANE 46% TEMPERED GRAYTINT GLAZING XOX SLIDER WITH and 24 California Code of Regulations. No changes shall Top plate to stud, end nail (2)-16dFINISH HARDWARE 8'-0" x 4'-0" CLEAR ANODIZED ALUM FRAME ACTELS OF SECOND ALUMINUM FRAMED SCREENS ON OPERABLE SASH. be made from D.S.A. approved drawings or specifications [ 18"x3 1/2x12 Ga., TS 3 1/2"x3 1/2"x3/16" , L 1 1/2"x1 1/2"x3/16" ] Stud to sole plate (4)-8d toenail or SCOPE OF WORK without prior written approval of D.S.A. and the District (2)-16d endnail 2. Welds shall be inspected and/or tested per T-24 Section Contractor shall supply and install finish hardware as -2727(e)Double studs, face nail 16d @ 24" o.c. specified and as required. CARPENTRY SCOPE OF WORK Double top plates, face nail 16d @ 16" o.c. 2. DOOR SCHEDULES see shts 1 and 9. 1. SCOPE OF WORK A. The work consists of manufacturing off-site in a plant. Continuous header, two pieces 16d @ 16" o.c. Contractor shall provide all labor, materials and services to 3. SPECIAL REQUIREMENTS 65839 along each edge and installing on-site, modular relocatable buildings as install carpentry. A. Exit doors shall be operable from the interior without key of defined herein and shown and detailed on drawings. Ceiling joists to plate, toenail (3)-8d2. MATERIALS special knowledge or effort. B. All requirements of Titles 19, and 24 of the State of continuous header to stud, toenail (4) - 8dB. Closures for exterior doors shall be set for a maximum opening Lumber grade marked in accordance with "Standard grading and California Code of Regulations (C.C.R.) relating to inspections Dressing Rule No. 16" of West Coast Lumber Inspection Bureau pressure of 8.5 lbs; interior doors shall be set for maximum Ceiling joists, laps over partitions. and verified reports shall be compiled with and shall (3) - 16dopening pressure of 5 lbs. or "Grading Rules for Western Lumber, 3rd Edition" of Western Wood Products Association. Plywood grade marked in accordance 1. General responsible charge of Field Administration C. Deadbolts not permitted unless operable with a single effort Ceiling joists to parallel rafters, with "Product Standard PS 1-83 for Softwood Plywood" of (3) - 16dby the Architect of Record. using lever handle. SIDING 4' x 9' x 5/8" DURATEMP APA RATED OR EQUAL, GROUP I, TYPE 303 EXTERIOR SIDING American Plywood Association, complying with UBC Standard 25-9. D. Hardware shall be centered between 30" and 44" above finished 2. Inspection in-plant during the course of Joists or rafters at all bearings, (2)-10dtoenails each side. construction by an inspector approved by the Division JOISTS, RAFTERS, HEADERS, - Hem Fir Stud Grade or better. of the State Architect and the District Architect. PLATES - Hem Fir Stud Grade or better. BUILT-UP MANVILLE 3-GNC (SEE SPEC. BELOW) SECTION 9E 1" brace to ea. stud and plate, face nail PAINTING BLOCKING - Hem Fir Stud Grade or better. The inspector shall be responsible for and approved 1. SCOPE OF WORK SILLS AND LUMBER IN CONTACT WITH CONCRETE, MASONRY OR Built up corner studs 16d @ 24" o.c. to inspect the general construction welding, EARTH - Hemlock Fir pressure treated with Wolman Salts, ROOFING 26 Ga. PLACER mechanical and electrical work. Cost of these Tanalith U or chromated copper arsenic; Standard and Better grade - 2x4; No. 2 grade - 2x6 and larger, cut ends dipped in Contractor shall provide all labor, materials and services to PLYWOOD AND PARTICLE BOARD CHECKED inspections shall be borne by the School District paint building. All exposed surfaces of building and ramp shall be painted except aluminum window frames and thresholds. Subfloor, roof and wall sheathing to framing: 3. On site inspection of the building installation PLYWOOD ROOF DECKING — APA C—D grade, Group 1, Exposure with exterior glue. On overhangs, C—C plugged and touch 22 Ga. CAL. STEEL electrical and utility of the building installation 2. MATERIALS 1/2" and less by an inspector approved by the Division of the State PLYWOOD FLOOR DECKING - APA STURD-I-FLOOR 48" o.c. 1-1/8" 19/32" - 3/4" A. For Exterior Woo Architect and retained by the School District tongue and groove floor sheathing. TRIM WOOD 1"x4" 7/8" - 1" RESAWN @ DOORS Ref. brand -VISTA EXTERIOR SIDING/SHEATHING - APA Type 303, exterior, T-1-11 8" o.c., siding. Sheathing 1/2" CDX. **REVISIONS** 4. Other special tests or inspections as may be 4100 10d or 8d Primer 1-1/8" - 1-1/4"required by the Division of the State Architect. 3. WORK NOT INCLUDED B. For Interior Trim Combination subfloor/underlayment to framing: STUDS AND POSTS - Hem Fir Stud Grade. IDENTIFICATION STAMP Ref. brand -VISTA A. All on-site or off-site utilities and the connection of 3/4" or less J. FASTENERS - All nails shall be corrosion resistant per DIV. OF THE STATE ARCHITE 7000 Finish ITEM them to the building unless indicated on the drawings 7/8" - 1" DESCRIPTION U.B.C. Standard 25.1717. APP. 04 119298 C. For Metal: K. BUILDING TRIM - 1x Resawn select H.F. or Masonite B. All leveling, grading or other site preparation except 10d or 8d 1-1/8" - 1-1/4"REVIEWS FOR L. DOOR/WINDOW TRIM - 1x4 Resown H.F. Ref. brand -VISTA concrete or wood leveling strips, where required, unless CARPET COMPLYING WITH THE STATE OF CALIF. SPEC. 7220-21K-01 GROUP! FLS 🗹 otherwise indicated on the drawings. 3. WOKMANSHIP Panel siding to framing TYPE A. CLASS 24, DENSITY 4600, DIRECT GLUE DOWN. (SEE NOTE BELOW) 05.11.2020 C. Fire alarm system, fire extinguisher, program bell, A. FRAMING - securely nailed, bridged and blocked to form rigid 3. WORKMANSHIP 1/2" or less structure. Work cut, fitted and assembled level, plumb and clock, public address system, intercom system, TV system VINYL SHEET VINYL FLOORING w/ 6" SELF COVE BASE A. EXTERIOR - Wood siding, trim and skirting - apply two coats of 5/8" true to line. Trim in as long lengths as possible with all unless otherwise indicated on the drawings. standing trim in one piece. Trim sealed at all edges. exterior flat acrylic paint sprayed on. 1. Common or box nails may be used except where WHEELS AND HITCH B. NAILING - in accordance with Title 24 C.C.R. - California B. INTERIOR TRIM - Trim not precoated shall be painted with two otherwise stated. Building Code, Table 25-Q. Nails shall be corrosion coats of semi-gloss latex over primer. Shall remain the property of the Contractor 2. Deformed shank. C. METAL - All metal surfaces shall be painted with two coats of C. EXTERIOR WALLS - factory fabricated. Caulking provided ACCESSIBILITY OF SITE ARMSTRONG 2910 TILE (FLAME SPREAD CLASS I) IN DONN CORP 3. Common alkyd finish coat over shop primer. SUSPENDED between perimeter of wall and structural members providing 'DX' SERIES HEAVY DUTY GRID. The School District shall provide access to the site for weatherproof and watertight seal. Necessary closures, 4. Not used D. RAMP - One coat of non-skid surfacing the installation of buildings. Removal of trees, shrubs seals, and flashings placed at top and base support of panels 5. Nails spaced at 6" o.c. at edges, 12" o.c. at SECTION 13F SITE ASSEMBLY and around openings. fencing, sprinklers, etc. necessary for the move-in of intermediate supports (10" at intermediate supports D. MACHINE APPLIED NAILING - shall have prior demonstration and buildings shall be the responsibility of the School 1. SCOPE OF WORK approval by DSA field representative and the architect. The for floors), except 6" o.c. at all supports where approval is subject to continued satisfactory performance. Plywood shall have a minimum thickness of 3/8". If nailheads 1/2" VINYL COVERED TACK BOARD (FLAME SPREAD CLASS I) LICENSE EXPIRES ( Contractor shall provide all labor, materials and services to VINYL spans are 48" or more. For nailing of plywood OVER 1/2" GYP BOARD. 6. GENERAL CONSTRUCTION prepare the building elements, transport them from the plant and particle board diaphragms and shear walls. penetrate the outer ply more than would be normal for a hand S A. Structural Frame - Each module shall be designed as a hammer or if minimum allowable edge distances are not to the site and to complete the assembly at the site. refer to Section 2513 (c). Nails for wall sheathing F.R.P. maintained, the performance will be deemed unsatisfactory 1/8" FIBER REINFORCED PANEL OVER 1/2" WATER RESISTANT GYPSUM BOARD Ш moment frame structure to withstand vertical and may be common, box, or casing The condition of the site, such as drainage and soil bearing horizontal loads and comply with requirements of the capacity, shall be the responsibility of the School District. 6. Corrosion resistant siding or casing nails Division of the State Architect. The necessary provisions F. Trim sealed at all edges. Sealant painted to match trim or Unless specifically called for in the contract, steps, ramps, conforming to the reg. of Section 2516 (i) 1 are incorporated in the structure to permit walkways or handrails shall not be the responsibility of the 7. Fasteners spaced 3" o.c. at ext. edges and 6" o.c sna relocation of the structural frame in sections not G. Retighten all bolts before closing in. 1/2" PARTICLE BOARD SUBSTRATE, FULL WIDTH MAP RAIL WITH CORK exceeding 12 feet in width. at intermediate supports. H. The design moisture content of lumber is 19% or less before fabrication, 2. ASSEMBLY OF ELEMENTS CHALKBOARD INSERT AND SIX MAP HOOKS, EXTRUDED ALUMINUM MOLDING. other revision thru chance order will be required. 8. Corrosion resistant roofing nails with 7/16" dia. Floor - The floor shall be steel framed with a design A. In a location on the site as determined by the School live load of 50 lbs per square foot unless noted head and 1-1/2" length for 1/2" sheathing and SECTION 7B SHEET METAL District, the contractor shall place concrete leveling strips 1-3/4" length for 25/32" sheathing conforming to or other suitable supports as detailed on the drawings. the requirements of Section 2516 (j) 1. 1. SCOPE OF WORK LOCK SET LEVER SECTION 3A CAST IN PLACE CONCRETE SPECIAL NOTE: B. The elements shall be brought to the site on wheel assembly 'SCHLAGE' D70PD RHODES 26D FINISH ALL FINISHES SHALL COMPLY Contractor shall provide all labor, materials and services to 9. Corrosion resistant staples with nominal 7/16" WITH C.B.C. CHAPTERS 3,7,8, & 10 and transferred to the prepared site. Great care shall be SCOPE OF WORK install indicated sheet metal. taken to avoid damage to the elements by racking or bumping. crown and 1-1/8" length for 1/2" sheathing and A. Contractor shall provide all materials, labor and 2. MATERIALS 1-1/2" length for 25/32" sheathing conforming C. Connection of the elements together shall be done according to services for concrete work indicated on drawings. instruction on the drawings. Flashings, trim and other loose to the requirements of Section 2516 (i) 1. A. SHEET METAL - Steel sheets hot dip galvanized with 1.25 Oz. per 90 items shall be installed per details on the drawings. MATERIALS square foot zinc coating conforming to ASTM A123. Minimum 26 MS/SC ORO 10. When possible, nails driven perpendicular to the Ga. unless otherwise noted on the drawings. SECTION 15A HINGES A. Portland Cement - Type 1, standard brand, ASTM C-150 AIR CONDITIONING "HAGAR" RC 1279-BB 45"x 45" NRP PC grain shall be used instead of toenails. B. SOLDER - Of standard brand, Grade "A" of equal parts lead and SEE ALT-01 & ALT-02 FOR B. Aggregate - Washed sand, gravel, rock ASTM C-33 1. SCOPE OF WORK tin ASTM B32. C. Reinforcing steel - ASTM A615 grade 40, deformed, ASTM-305. ACTUAL DOOR HARDWARE C. FLUX - Zinc saturated muriatic acid. Contractor shall provide all labor, materials and services to CLOSER WORKMANSHIP 3. WORKMANSHIP install the air conditioning system as shown on the drawings and specifications, including A/C units and accessories. Sheet metal accurately formed to dimensions and shapes Minimum compressive strength at 28 days - 2000 psi; URO remote thermostat, grills and power wiring complete to load THRESHOLD detailed with true straight lines, corners and angles. PEMCO' 271A maximum aggregate size 1"; maximum 7.5 gallons of center. contractor shall instruct owner's operators on Flashings installed in longest lengths possible. Exterior water per sack of cement; minimum of 5.3 sacks of cement operation and maintenance of A/C system. work formed, fabricated and installed so that it adequately DOOR BOTTOM per yard; maximum slump 4". Transit mixed concrete shall **'PEMCO' 216AV** Specification No. 3 G N C provides for expansion and contraction in the completed work 2. EQUIPMENT -See note below for size and type. be used. Mineral-Surface For use over Plywood or other and finishes water and weather tight. Aluminum shall be WEATHER-STRIP SECTION 5A STRUCT, AND MISC, STEEL **PEMCO' 299AV** Nallable Decks on Inclines of up separated from ferrous metal by polyethylene or flood 3. WORKMANSHIP to 6" per foot 1. SCOPE OF WORK coat of asphalt paint. DOOR TOP PEMCO 346A For Region 3 only Units shall be installed complete and operating with all Contractor shall provide all materials, labor and accessories in accordance with the manufacturer's instructions. SECTION 7C METAL ROOFING DOOR STOP 'QUALITY' 1201 ES as specified and indicated on the drawings. 1. GENERAL SECTION 16A ELECTRICAL services required for structural and miscellaneous steel ITEM DESCRIPTION Max. Slope: 1" Deck: Non-Combust. ( 2. MATERIALS Metal roofing to be 22 Ga. interlocking panels with standing 1. SCOPE OF WORK Combust. Insulation: none Surfacing: Cap Sheet seam. Steel deck shall be galvanized and conform to ASTM GlasBeso er Vantaulation A. Structural Steel Shapes - ASTM A-36, open hearth or DOOR HARDWARE A-446 grade A. All fasteners to have neoprene washers. Contractor shall provide all labor, materials and services for HARDWARE Class & (see Class A) electric furnace only, all regular shapes as described in electrical installation complete with associated equipment and Sheathing Paper (if required) AISC Construction Manual, unless otherwise noted. fixtures in operating conditions ready for use. The work Metal roofing to be 26 Ga. ribbed gal. sheet metal B. Cold Formed Light Gauge Steel - ASTM A-570 Grade 33, includes: light and power systems, lighting fixtures complete . End Las interlocking panels installed over asphalt base sheet over with lamps, connections and disconnects to A/C equipment. minimum yield 33,000 PSI. F. SH, 3/4" plywood roof deck. All fasteners shall not penetrate C. Structural Pipe and Tubing — ASTM AK-500 Grade B. MATERIALS metal roof panels. 3.5 TON HEAT PUMP D. Bolt Material - Bolts and nuts, American Standard No. C-33467 All new complying with requirements of Calif. Electric Code Regular, as detailed in AISC Construction Manual, Ken 01-31-2021 SECTION 7J **SEALANT** and National Fire Protection Association. fabricated from structural quality steel, ASTM A-307. SUPPLY DUCTED 1. SCOPE OF WORK longitudinal center of each felt neil two lows of nails with E. Arc-welding Electrodes - Class E-70 Series for welding A. ELECTRIC METALLIC TUBING - couplings and flex conduit This specification is for use over any type of structural rows special approximately 11" spart and noils stag-deck (without insulation) which can receive and adequately retain neits or other types of mechanical teners appropriate to the type of deck. Contractor shall provide all labor, materials and services to RETURN DIRECT galvanized or sherardized. A-36 steel to A-36 and A-60 Series for welding A-570 steel seal buildings. PREPARATION FOR SUB FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. 1 1/8" PLYWOOD SUB-FLOOR IS PLUGGED AND acquality feasin name or other types or mecranical statements as may be recommended by the deck manufacturer. Examples of such decks are wood and phywood. This specificalism is not for use over light-weight investing concrete decks either poured or precise over till made of lightweight insulating concrets. Note: All general instructions contained in the current Month Physics of the property of the proportion to use type or executions and the deck manufacturer as the deck manufacturer. It is not to be applied full wide, then a full 38" wide GlasPhy or GlasPelt IV; overlapping the preceding test by Coverlapping the preceding test are to be applied full width with the same 2" overlapping the preceding test are to be applied full width with the same 2" overlapping the preceding test are to be applied full width with the same 2" overlapping the preceding test are to be applied full width the coverlapping the preceding test are to be applied full width the coverlapping the preceding test are to be applied full width the coverlapping the preceding test are to be applied full with the coverla to A-36, conforming to requirements of the "Structural B. PANELBOARDS - flush mounted with hinged doors and indexed card 2. MATERIALS Welding Code" of American Welding Society, latest edition. HEAT STRIP SEE SHT. 8 OZ WORKMANSHIP 'Vulkem' Sealant, polyurethane, manufactured by MAMECO C. CONDUCTORS - copper, insulated for 600 volts, type THHN for TOUCH SANDED, ANY DEFORMITIES SHALL BE FILLED Note: All general instructions contained in the current Manwite Rooling Systems Manual shall be considered part of this specification. SEE SHT. 8 AND SANDED BY THE FLOORING CONTRACTOR. sizes #12 to #6, type THW for larger sizes. Minimum size - #12. ELECTRICAL INTERNATIONAL or approved equal. JOINT AT THE MODULE JOINING SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND A. GENERAL - All work shall conform to the requirements of AISC Prior to application, out the cap sheel into handleable lengths (12'-18') and allow to flatten. D. RECEPTACLES - General Electric 5242-2 or equal +15". Flashings: See section on BUR Flashings, Manville Rooling Systems Manual. Sealant applied to dry clean surfaces, wherever indicated on Standard Specifications, Titles 21 and 24 of the California A/C INFORMATION E. CLOCK RECEPTACLE - Eagle or equal. Starting at the low edge apply one layer of the cap sheet, being sure to maintain 2" side laps and 6" and details and as needed to make building watertight, in .02 Materials per 100 sq. ft. of roof area Code of Regulations and the American Iron and Steel Institute Sheathing Paper: Wood board decks only laps over the preceding sheets. Back-mop the cap sheet and flop it into a tull width mopping of asphalt (30-40 bs. per sq. total). The temperature of the asphalt when applied must be such that, when the cap sheet is accordance with manufacturer's specifications. Specifications for Besign of Light Gauge Steel Structural F. SWITCHES - General Electric 5901-2 or equal +48" SECTION 8B HOLLOW METAL DOORS & FRAMES G. LIGHTING FIXTURES - 2'X 4' fluorescent drop in type set into it, its temperature is approximately 20°F above the EVT. This will assure proper fluxing of the cap sheet coating and result in maximum bonding. The cap sheet WELDING - All welding done by shielded electric-arc or flux fixtures with 35 watt lamps and energy saving ballast Bitumen: Refer to Pers. 7.7 or 11.0.3.2 SCOPE OF WORK y John Approx, installed weight (fbs.): 174 DATE 9-3-96 cored-arc process complying with requirements of the .63 Application of Rooling Over wood board dacks one ply of sheathing paper must must be firmly and uniformly set into the hot asphalt w <u>WORKMANSHIP</u> all edges well sealed. For slopes greater than 1" per fool nailing is required. Railer to Para, 11.0.4. "Structural Welding Code" of the American Welding Society. Contractor shall provide all labor, materials and services to 119298 be used under the base left next to the deck. Welding done by operators qualified by tests acceptable to the install hollow metal doors & frames Using GlasBase, start with a 24" width. Following felts to be applied full width, lapping each felt 2" over the pre-cading one. Nest the laps at 8" centers and down the Materials and equipment installed in a secure, negt, Division of the State Architect. workmanlike manner in accordance with code requirements. ERECTION - Structural Steel erected true, straight, plumb and Panel board cards filled out. Conduit and cable installed in to its designated locations. Field connections bolted or wall and ceiling spaces. Work piercing waterproofed areas welded as indicated on the drawings. flashed and sealed to a watertight condition. 3767 PC253-9\_DWG



NOTE:
MINIMUM FOUNDATION HEIGHT TO BE
18" IF THE BUILDING CARRIES UNDER
FLOOR PLUMBING (MANIFOLDS)



FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

