VENTURA CHARTER MODULAR CLASSROOM

2060 CAMERON STREET VENTURA, CALIFORNIA 93001

CONSTRUCTION DOCUMENTS 01/17/19

2) coordination with my plans and specifications, and is acceptable for

The statement of General Conformance "shall not be constructed as relieving me of

C-9824

License Number

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,

VICINITY MAP

07/31/2019

Expiration Date

incorporation into the construction of this project

01/18/2019

Part 1, Section 4-317 (b)).

X have been coordinated

Signature

Print Name

responsible charge

BRIAN DOUGHERTY, FAIA

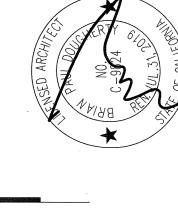
X is/are in general conformance

Architect or Engineer designated to be in

DIRECTORY SHEET INDEX PROJECT DATA GENERAL MODULAR CLASSROOM BUILDINGS WORK WILL INCLUDE THE ADDITION OF (1) MODULAR **OWNER** (SILVER CREEK INDUSTRIES) CLASSROOMS, AND SITE IMPROVEMENTS INCLUDING SITE **VENTURA UNIFIED SCHOOL DISTRICT** PREP. PLUMBING. ELECTRICAL AND FIRE ALARM. COVER SHEET 255 W. STANLEY AVE SUITE 100. ABBREVIATIONS SYMBOLS AND GENERAL NOTES (2) 30' X 32' MODULAR CLASSROOM (BASED ON PC SET 04-116671 - 53 PAGES VENTURA, CA. 93001 CODE ANALYSIS RELOCATABLE TYPE: WOOD TEL: (805) 289-7981 A-0N COVER SHEET FOUNDATION (1 BLDGS) CONTACT: MS. TERRI ALLISON, FACILITIES PLANNER CIVIL A-1.01N FLOOR PLAN A-4.01N EXTERIOR ELEVATIONS TYPE: V-B, ONE STORY FINE GRADING PLAN A-5.50N ARCHITECTURAL DETAILS OCCUPANCY TYPE E EROSION CONTROL PLAN A-6.01N INTERIOR ELEVATIONS **ARCHITECT ACTUAL AREA 960 SF EROSION CONTROL DETAILS** E1.01N ELECTRICAL PLAN - MECHANICAL PLAN AND SCHEDULE OCCUPANCY LOAD: 48 OCC. PERKINS EASTMAN DOUGHERTY **ARCHITECTURAL** COVER SHEET ARCHITECTS, LLP. T&I FORMS 3194-D AIRPORT LOOP DRIVE OVERALL SITE PLAN BUILDING OPTIONS SCHEDULE COSTA MESA. CA 92626 AD001 DEMOLITION PLAN SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE TEL: (714) 427-0277 ENLARGED SITE PLAN SCHEDULES DETAILS TYPICAL KEY PLANS - 30' TO 110' x 32' RESTROOM PLANS - DSA REFERENCE A-0.5A ENERGY CALC'S - PRF FORMS - ZONE 14 WORST CASE 30' X 32' BUILDINGS **CIVIL ENGINEER** A-0.5B ENERGY CALC'S - PRF FORMS - ZONE 15 WORST CASE 30' X 32' BUILDINGS A-0.5C ENERGY CALC'S - PRF FORMS - ZONE 16 WORST CASE 30' X 32' BUILDINGS RW TOEDTER, LLC A-0.5D ENERGY CALC'S - PRF FORMS - ZONE 16 WORST CASE 150' X 32' BUILDINGS 7474 EISENHOWER STREET PLUMBING NOTES A-0.5E ENERGY CALC'S - PRF FORMS - ZONE 16 WORST CASE 150' X 32' BUILDINGS VENTURA, CA 93003 PLUMBING SITE PLAN A-0.5F ENERGY CALC'S - PRF FORMS - ZONE 16 WORST CASE 150' X 32' BUILDINGS TEL: (805)671-9811 PLUMBING PLAN & DETAILS A-0.6A ENERGY CALC'S - ELC FORMS - 30' x 32' BUILDINGS A-0.6B ENERGY CALC'S - LTO/MCH FORMS - 30' x 32' BUILDINGS **ELECTRICAL** A-0.6C SINGLE MODULE TOILET BUILDING COMPLIANCE FORMS **MECHANICAL ENGINEER** DESIGN ENERGY VALUES BY ZONE & CALGREEN SPECIFICATIONS SYMBOL LIST, NOTES & CODES A-1.01 FLOOR PLAN - 30' x 32' AE GROUP MECHANICAL ENGINEERS, INC. SINGLE LINE DIAGRAMS AND DETAILS A-2.01 REFLECTED CEILING PLAN - 30' x 32' 838 EAST FRONT STREET FIRE ALARM SYMBOLS, NOTES AND DETAILS A-2.20 CEILING DETAILS - T-GRID VENTURA, CA 93001 FIRE ALARM RISER DIAGRAM AND CALCS E104 TEL: (805) 653-1722 E201 SITE PLAN A-3.41 ROOF PLAN - TPO MONO OR DUAL SLOPE - 30' x 32' RELOCATABLE POWER AND SIGNAL PLANS E301 A-3.90 ROOF DETAILS - TPO ROOF A-4.01 EXTERIOR ELEVATIONS - MONO OR DUAL SLOPE - 30' x 32' **LOCATION MAP** FIRE ALARM PLAN **ELECTRICAL ENGINEER** A-5.01 CROSS SECTION - MONO SLOPE - 0.018", B U., OR TPO ROOF DECK OR PARAPET A-5.05 CROSS SECTION PACIFIC ENGINEERS GROUP CONSULTING A-5.50 ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING **ELECTRICAL ENGINEERS Statement of General Conformance** A-5.70 ARCHITECTURAL DETAILS - FLOOR 2740 W MAGNOLIA BLVD., SUITE 205 A-5.80 ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS A-6.01 INTERIOR ELEVATIONS - 30' x 32' A-581 AROHITECTURAL DETAILS BURBANK, CA 91505 FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, TEL: 818.748.1758 F-0.02 WOOD FOUNDATION PLAN - 30' x 32' (50+15 PSF) INCLUDING BUT NOT LIMITED TO, SHOP DRAWINGS PREPARED BY OTHER F-0.50 FOUNDATION DETAILS - WOOD LICENCED DESIGN PROFESSIONAL AND/OR CONSULTANTS STRUCTURAL SPECIFICATIONS `**→** SITE S-1.01 FLOOR FRAMING PLAN - WOOD FLOOR (Application No. 63 - 119682 File No. 56-40 S-1.50 FLOOR FRAMING DETAILS - WOOD FLOOR S-2.01 ROOF FRAMING PLAN - 0.018", BUILT-UP, OR TPO ROOF S-2.50 ROOF FRAMING DETAILS - MONO SLOPE The drawings or sheets listed on the cover or index sheet S-2.60 ROOF FRAMING DETAILS This drawing, page of specifications/calculations S-2.90 ROOF FRAMING DETAILS - TRUSS S-3.01 BUILDING SECTION - MONO SLOPE ROOF S-5.00 WALL FRAMING ELEVATIONS - WOOD STUDS Have/has been prepared by other design professionals or consultants who S-5.10 WALL FRAMING DETAILS - WOOD STUDS are licensed and/or authorized to prepare such drawings in this state. It has MAIN ST S-5.11 WALL FRAMING DETAILS - WOOD STUDS been examined by me for: P-1.01 PLUMBING DETAILS AND SCHEDULE M-0.1 MECHANICAL NOTES, SCHEDULES, AND DETAILS 1) design intent, and appears to meet the appropriate requirements of Title M-1.01 MECHANICAL PLAN - WALL MOUNT - 30' x 32' 24, California Code of Regulations, and the project specifications prepared E-1.01 ELECTRICAL PLAN AND SCHEDULE- 30' x 32'

R-1.01 STANDARD RAMP PLAN

R-2.01 RAMP DETAILS



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AS NOTED 01/17/19

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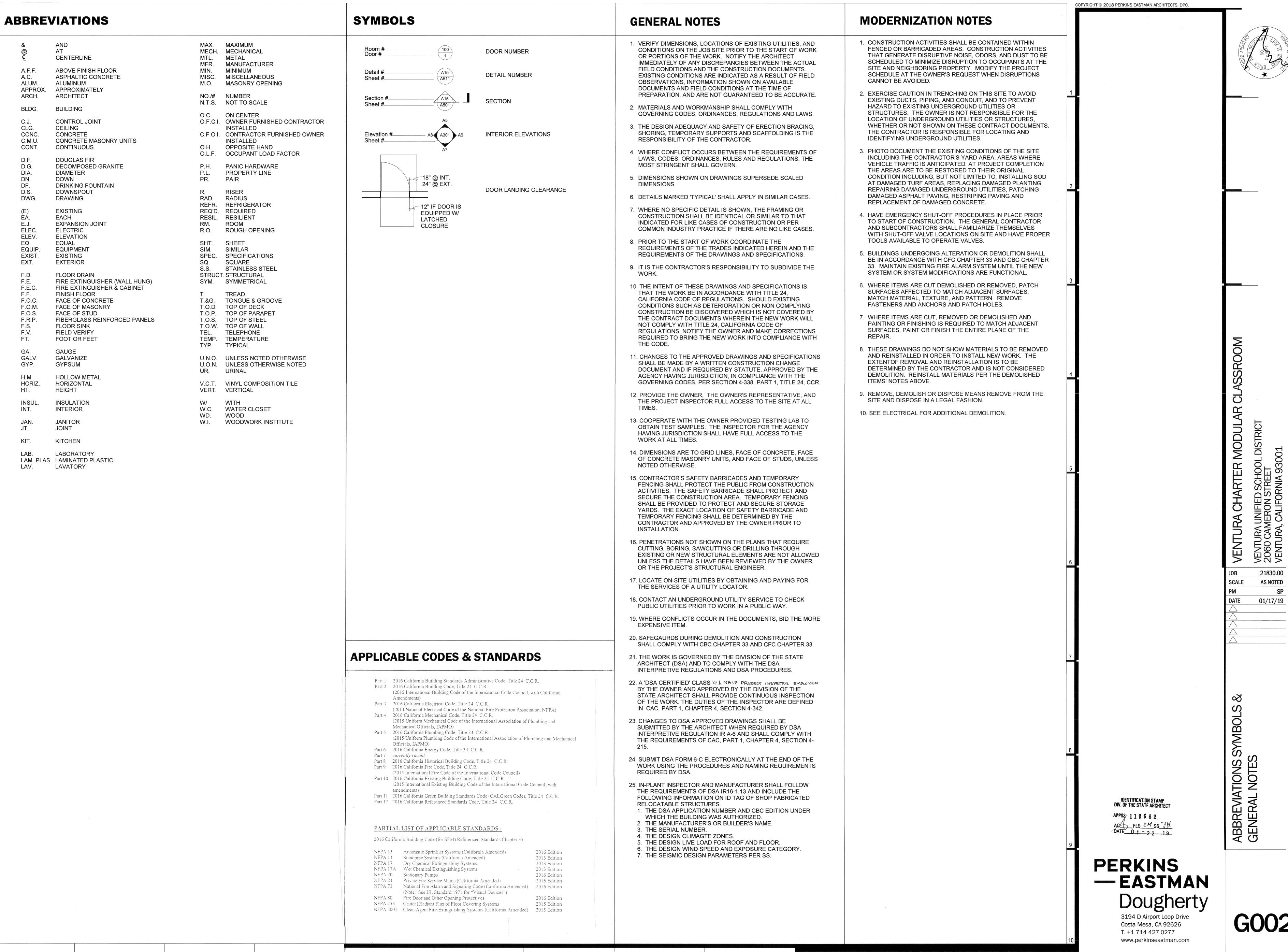
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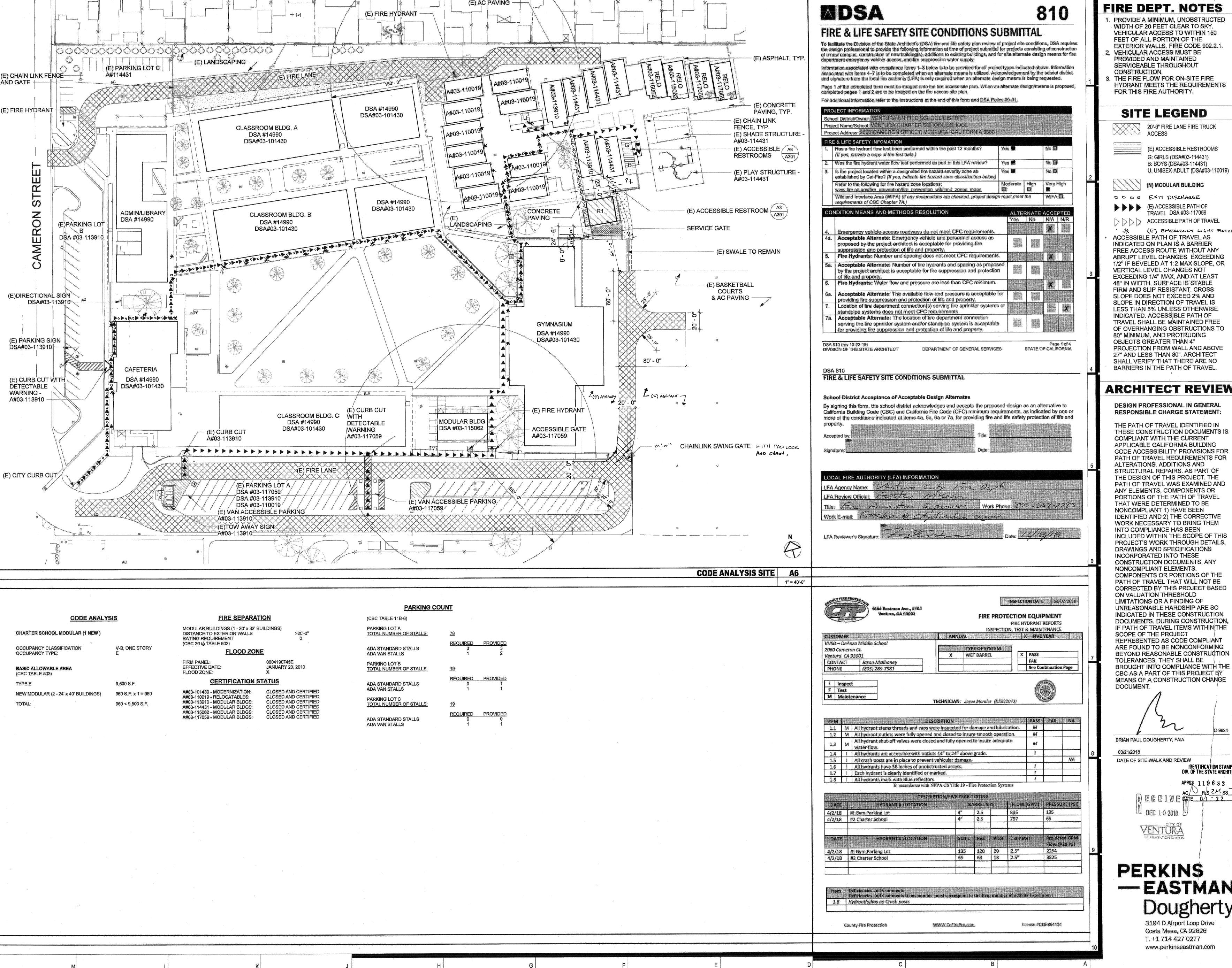
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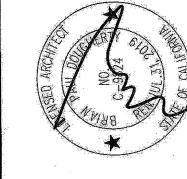


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FIRE DEPT. NOTES

PROVIDE A MINIMUM. UNOBSTRUCTED WIDTH OF 20 FEET CLEAR TO SKY. **VEHICULAR ACCESS TO WITHIN 150** FEET OF ALL PORTION OF THE **EXTERIOR WALLS, FIRE CODE 902.2.1.** VEHICULAR ACCESS MUST BE PROVIDED AND MAINTAINED SERVICEABLE THROUGHOUT



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SITE LEGEND

ACCESS

(E) ACCESSIBLE RESTROOMS G: GIRLS (DSA#03-114431) B: BOYS (DSA#03-114431) U: UNISEX-ADULT (DSA#03-110019)

(N) MODULAR BUILDING

0000 EXIT DISCHARGE

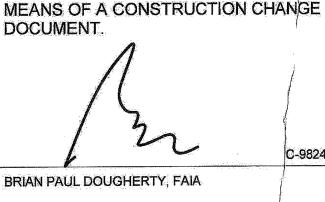
(E) ACCESSIBLE PATH OF TRAVEL DSA #03-117059 ACCESSIBLE PATH OF TRAVEL

(E) EMERGENCY LIGHT FIXTURE ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT **EXCEEDING 1/4" MAX, AND AT LEAST** 48" IN WIDTH. SURFACE IS STABLE FIRM AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM, AND PROTRUDING **OBJECTS GREATER THAN 4"** PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT

ARCHITECT REVIEW

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:

THE PATH OF TRAVEL IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT. THE PATH OF TRAVEL WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE PATH OF TRAVEL THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS COMPONENTS OR PORTIONS OF THE PATH OF TRAVEL THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS, DURING CONSTRUCTION IF PATH OF TRAVEL ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT



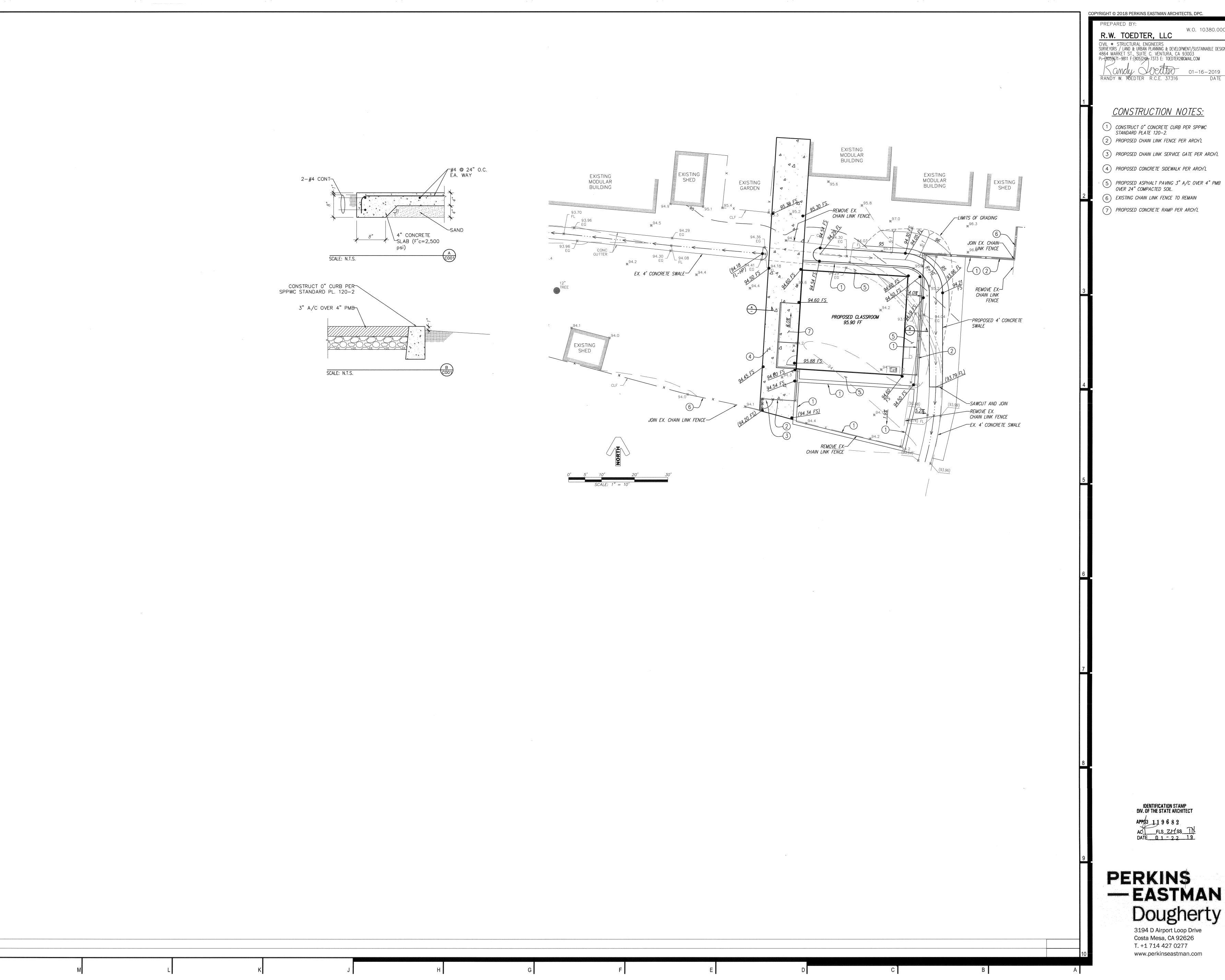
BRIAN PAUL DOUGHERTY, FAIA DATE OF SITE WALK AND REVIEW **IDENTIFICATION STAMP**

DIV. OF THE STATE ARCHITECT APPO3 119682 V FLS ZM SS TN DEGETVE PATE 01-22

VENTÜRÄ FEL PREVENTION DIVISON

PERKINS - EASTMAN Dougherty

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W.O. 10380.000 CIVIL * STRUCTURAL ENGINEERS
SURVEYORS / LAND & URBAN PLANNING & DEVELOPMENT/SUSTAINABLE DESIGN
4864 MARKET ST., SUITE C. VENTURA, CA 93003
P: (805)671-9811 F: (805)248-7373 E: TOEDTER2@GMAIL.COM

- 1) CONSTRUCT O" CONCRETE CURB PER SPPWC STANDARD PLATE 120-2.
- 2) PROPOSED CHAIN LINK FENCE PER ARCH'L
- (3) PROPOSED CHAIN LINK SERVICE GATE PER ARCH'L
- (4) PROPOSED CONCRETE SIDEWALK PER ARCH'L

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GENERAL NOTES: 1. BEST MANAGEMENT PRACTICES (BMP'S) CONTAINED HEREIN REFLECT MINIMUM REQUIREMENTS. FOR ADDITIONAL BMP'S REFER TO CALIFORNIA STORMWATER BMP HANDBOOKS. 2. ALL CONSTRUCTION ACTIVITY SHALL BE PERFORMED IN ACCORDANCE WITH A STORMWATER POLLUTION PREVENTION PLAN (SWPCP) DEVELOPED AND IPLEMENTED IN COMPLIANCE WITH REQUIREMENTS OF THE CURRENT VENTURA COUNTYWIDE STORMWATER QUALITY MANAGEMENT PROGRAM, NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. BEFORE A GRADING PERMIT IS ISSUED, THE CITY OF VENTURA WILL REQUIRE PROOF OF RECEIPT OF A NOTICE OF INTENT FOR THE CURRENT STATE NPDES GENERAL CONTRUCTION PERMIT FOR ALL CONSTRUCTION PROJECTS THAT DISTURB ONE ACRE OR MORE OR THAT ARE LESS THAN ONE ACRE BUT THE SITE IS PART OF A LARGER COMMON AREA OF DEVELOPMENT OR SALE. 3. THE SWPPP SHALL: A. IDENTIFY POTENTIAL POLLUTANT SOURCES AND INCLUDE THE DESIGN AND PLACEMENT OF BMP'S TO EFFECTIVELY PROHIBIT THE ENTRY OF POLLUTANTS FROM THE CONSTRUCTION SITE INTO AND ONTO THE STREET AND STORM DRAIN SYSTEM DURING CONSTRUCTION. B. BE KEPT ON SITE AND AMENDED TO REFLECT CHANGING CONDITIONS THROUGHOUT THE COARSE OF CONSTRUCTION. C. BE KEPT UP TO DATE. ANY ADDITIONAL UPDATES REQUESTED BY AGENCY REPRESENTATIVE ARE TO BE MADE IMMEDIATELY. 4. NON-STORMWATER DISCHARGES ARE PROHIBITED FROM ENTERING ANY STORM DRAIN SYSTEM AND/OR STREET. 5. DISCHARGES OF PUMPED GROUND WATER REQUIRE A DISCHARGE PERMIT FROM THE STATE OF CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD (RWQCB).

6. POLLUTANTS SHALL BE REMOVED FROM STORMWATER DISCHARGES TO THE MAXIMUM EXTENT

7. A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIME DURING THE

RAINY SEASON (OCT. 1 TO APR. 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE

AND STOCKPILED AT CONVENIENT LOCATIONS TO ENSURE THE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT. ______TERRI ALLISON _____ SHALL

8. PORTABLE SANITARY FACILITIES SHALL BE LOCATED ON RELATIVELY LEVEL GROUND AWAY FROM

9. EMPLOYEES, SUBCONTRACTORS AND SUPPLIERS SHALL BE EDUCATED ON ALL BMP'S INCLUDING

10. SEDIMENT CONTROL PRACTICES SHALL EFFECTIVELY PREVENT A NET INCREASE OF SEDIMENT

11. ANY SLOPE WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO

12. EROSION CONTROL DEVICES SHOWN ON THIS PLAN MAY BE REMOVED OR MODIFIED AS APPROVED

13. EXCEPT AS OTHERWISE APPROVED BY THE INSPECTOR, ALL DEVICES SHOWN ON THE PLAN SHALL

14. GRADED AREAS ADJACENT TO FILL SLOPES LOCATED AT THE SITE PERIMETER MUST DRAIN AWAY

15. ALL LOOSE SOIL AND DEBRIS, WHICH MAY CREATE A POTENTIAL HAZARD TO OFFSITE PROPERTY,

16. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH

17. A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE

EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED DRY WITHIN 72 HOURS AFTER

19. DESILTING BASINS MAY NOT BE REMOVED OR MADE INOPERABLE BETWEEN OCTOBER 1 AND APRIL 15

EACH RAINSTORM. BEFORE REMOVAL OF THE RAINWATER INTO THE STORM DRAIN SYSTEM, THE

18. THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE WITHIN THE SITE IS LEFT

BE IN PLACE AT THE END OF EACH WORKING DAY OR ON WEEKENDS WHEN THE 5 DAY RAIN

BY THE INSPECTOR IF THEY INTERFERE WITH GRADING OPERATIONS, OR IF THE GRADING OPERATION

PRACTICABLE (MEP) THROUGH DESIGN & IMPLEMENTATION OF THE SWPCP.

BE NOTIFIED AT (805) <u>289-7981 ×1002</u> IN CASE OF AN EMERGENCY.

HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.

FROM THE TOP OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY.

SHALL BE REMOVED FROM THE SITE AS DIRECTED BY THE INSPECTOR.

1. VENTURA COUNTY WIDE STORM WATER QUALITY MANAGEMENT PROGRAM (SWPCP)

FOR SITES LESS THAN ONE ACRE DISTURBED, NPDES PERMIT NO. CASO04002

2. CALIFORNIA NPDES GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED

3. VENTURA COUNTY MUNICIPAL STORMWATER NPDES PERMIT NO. 2010-0108-DWQ

WITH INDUSTRIAL ACTIVITIES — WATER QUALITY ORDER NO. 97—03—DWQ

RAINSTORM OR WHENEVER DIRECTED BY THE INSPECTOR.

TO THE DISCRETION OF THE FIELD ENGINEER.

WITHOUT PRIOR APPROVAL OF THE INSPECTOR.

REFERENCE:

(ORDER 09-0057)

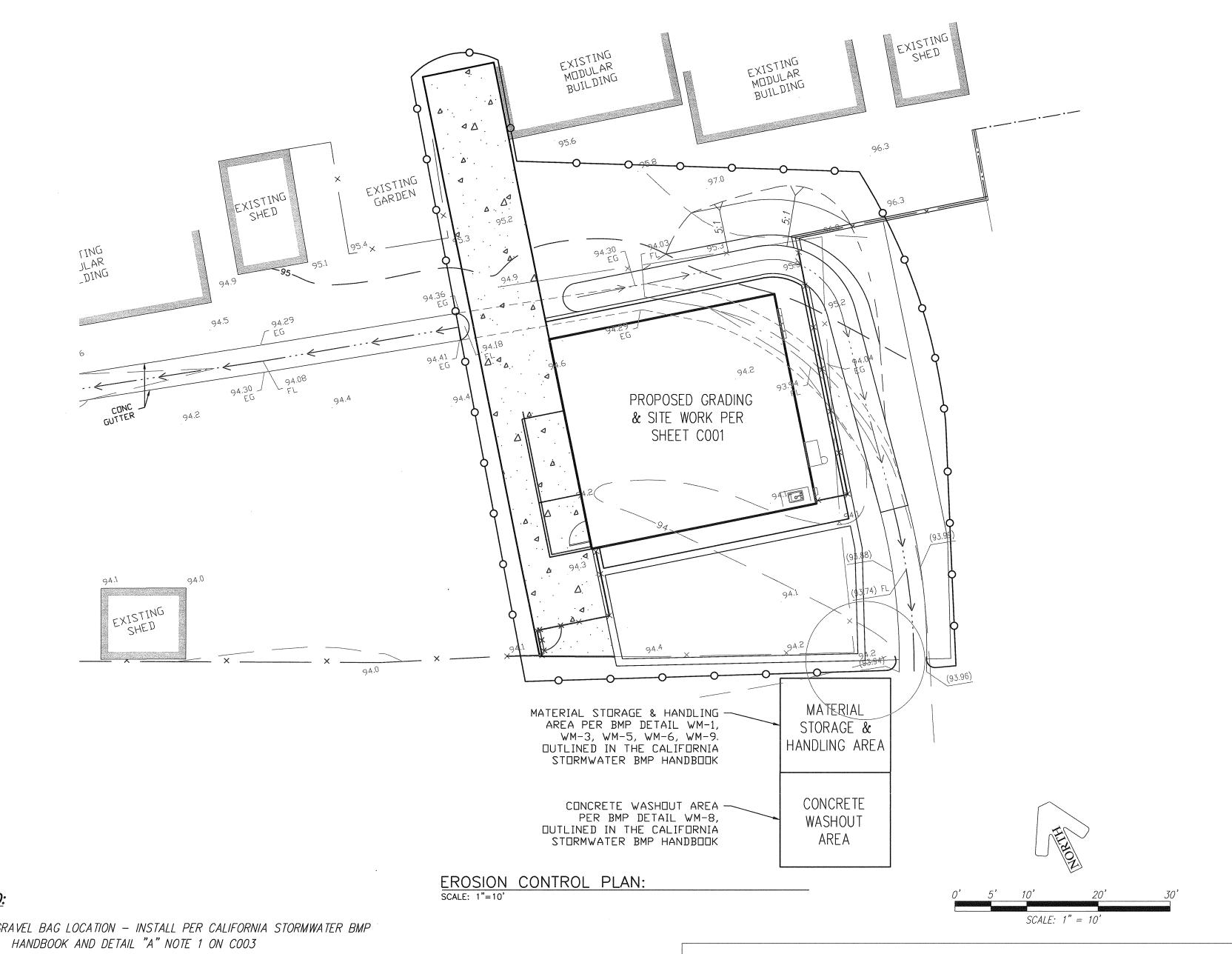
TRAFFIC AREAS, DRAINAGE COURSES, AND STORM DRAIN INLETS.

CONCRETE WASTE STORAGE AND DISPOSAL PROCEDURES.

LOAD IN STORMWATER DISCHARGE.

INHIBIT EROSION BY WIND AND WATER.

PROBABILITY FORECAST EXCEEDS 40%.



LEGEND:

GRAVEL BAG LOCATION — INSTALL PER CALIFORNIA STORMWATER BMP

____ FIBER ROLL BARRIER LOCATION — INSTALL 1 HIGH PER CALIFORNIA STORMWATER BMP HANDBOOK AND DETAIL "H" ON COO3.

-O---O--- SILT FENCE LOCATION - INSTALL PER CALIFORNIA STORMWATER

BMP HANDBOOK AND DETAIL "A" ON COO2.

AIR QUALITY:

87. THE DEVELOPER SHALL CONTROL DUST AND POTENTIAL AIR QUALITY IMPACTS

BY THE FOLLOWING MEASURES: a. IMPLEMENT A REGULAR WATERING PROGRAM TO REGULATE FUGITIVE DUST.

b. DURING SITE GRADING, A REGULAR WATERING PROGRAM SHALL BE IMPLEMENTED TO CONTROL WIND EROSION.

c. SEED-EXPOSED SURFACES WITH FAST-GROWING, SOIL BINDING PLANT MATERIALS. d. GRADING SUBJECT TO COMPLIANCE WITH THE VENTURA COUNTY APCD DUST CONTROL MEASURES.

e. ALL CONSTRUCTION EQUIPMENT USED FOR DUST CONTROL SHALL BE KEPT ON SITE UNTIL THOSE PHASES OF DEVELOPMENT ARE COMPLETE.

f. SITE ACCESS ROADS COVERED WITH GRAVEL OR CONTINUOUSLY WATERED.

THE GRADING OPERATIONS SHALL BE CEASED IN PERIODS OF HIGH WINDS (WINDS IN EXCESS OF TWENTY [20] MILES PER HOUR) AND SMOG ALERT DAYS.

h. ALL MATERIAL BEING MOVED SHALL BE WATERED AND COVERED. PERIODIC APPLICATION OF WATER ON MATERIAL STOCKPILES.

APPLY WATER TWICE DAILY OR CHEMICAL STABILIZERS ACCORDING TO MANUFACTURER'S SPECIFICATIONS TO ALL

UNPAVED PARKING/STAGING AREAS OR UNPAVED ROADS. k. ON-SITE VEHICULAR TRAFFIC LIMITED TO NO MORE THAN FIFTEEN (15) MILES PER HOUR.

I. PERIODICALLY WASH OR SWEEP PUBLIC STREETS IN THE VICINITY OF THE SITE.

ADDITIONAL REFERENCES:

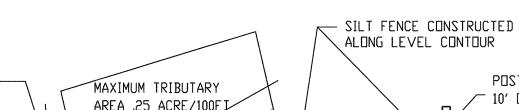
1. CALIFORNIA NPDES GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY - WATER QUALITY ORDER 2009-0009-DWQ

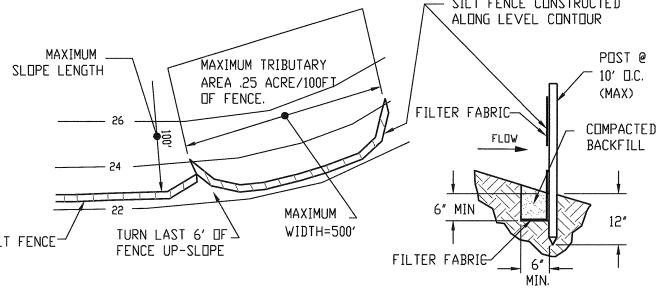
2. CALIFORNIA NPDES GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED

WITH INDUSTRIAL ACTIVITIES - WATER QUALITY ORDER NO. 97-03-DWG

3. VENTURA COUNTY MUNICIPAL STORMWATER NPDES PERMIT NO. CASO04002

4. VENTURA COUNTY STORMWATER MANAGEMENT PLAN





1. CONSTRUCT THE SILT FENCE ALONG A LEVEL CONTOUR.

A SILT FENCE

2. SILT FENCES SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED.

3. PROVIDE SUFFICIENT ROOM FOR RUNOFF TO POND BEHIND THE FENCE AND ALLOW SEDIMENT REMOVAL EQUIPMENT TO PASS BETWEEN THE SILT FENCE AND TOE OF SLOPE OR OTHER DBSTRUCTIONS. ABOUT 1200 SQ. FT. OF PONDING AREA SHALL BE PROVIDED FOR EVERY ACRE DRAINING TO THE FENCE.

4. TURN THE ENDS OF THE FILTER FENCE UPHILL TO PREVENT STORMWATER FROM FLOWING AROUND THE FENCE.

5. LEAVE AN UNDISTURBED OR STABILIZED AREA IMMEDIATELY DOWNSLOPE FROM THE FENCE.

6. DO NOT PLACE IN LIVE STREAM OR INTERMITTENTLY FLOWING CHANNELS.

7. WHEN STANDARD FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRES OR HOG RINGS.

8. REFER ALSO TO BMP SE-1 FROM 2003 CALIFORNIA STORMWATER B.M.P. HANDBOOK FOR CONSTRUCTION.

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andy Wetter 01-16-2019

R.W. TOEDTER, LLC

RANDY W. TOEDTER R.C.E. 37316

CIVIL + STRUCTURAL ENGINEERS

W.O. 10380.000

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP03 119682 AC___FLS__SS__TN DATE__01 = 22 19

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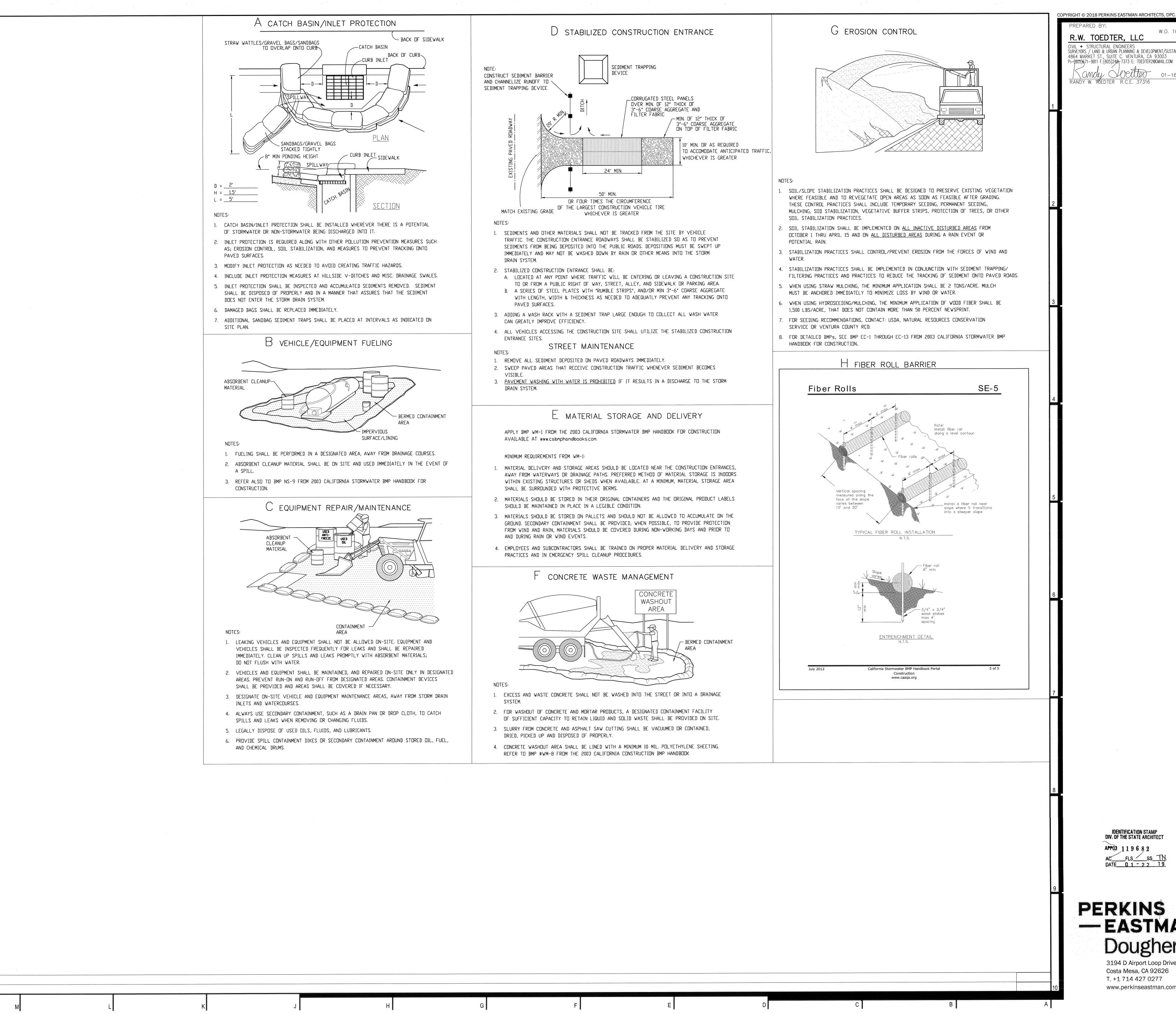
SCALE

DATE

21830.00

AS NOTED

01/17/19



PREPARED BY: W.O. 10380.000 R.W. TOEDTER, LLC CIVIL + STRUCTURAL ENGINEERS 4864 MARKET ST., SUITE C. VENTURA, CA 93003 P:-(805)671-9811 F:(805)248-7373 E: TOEDTER2@GMAIL.COM 01-16-2019

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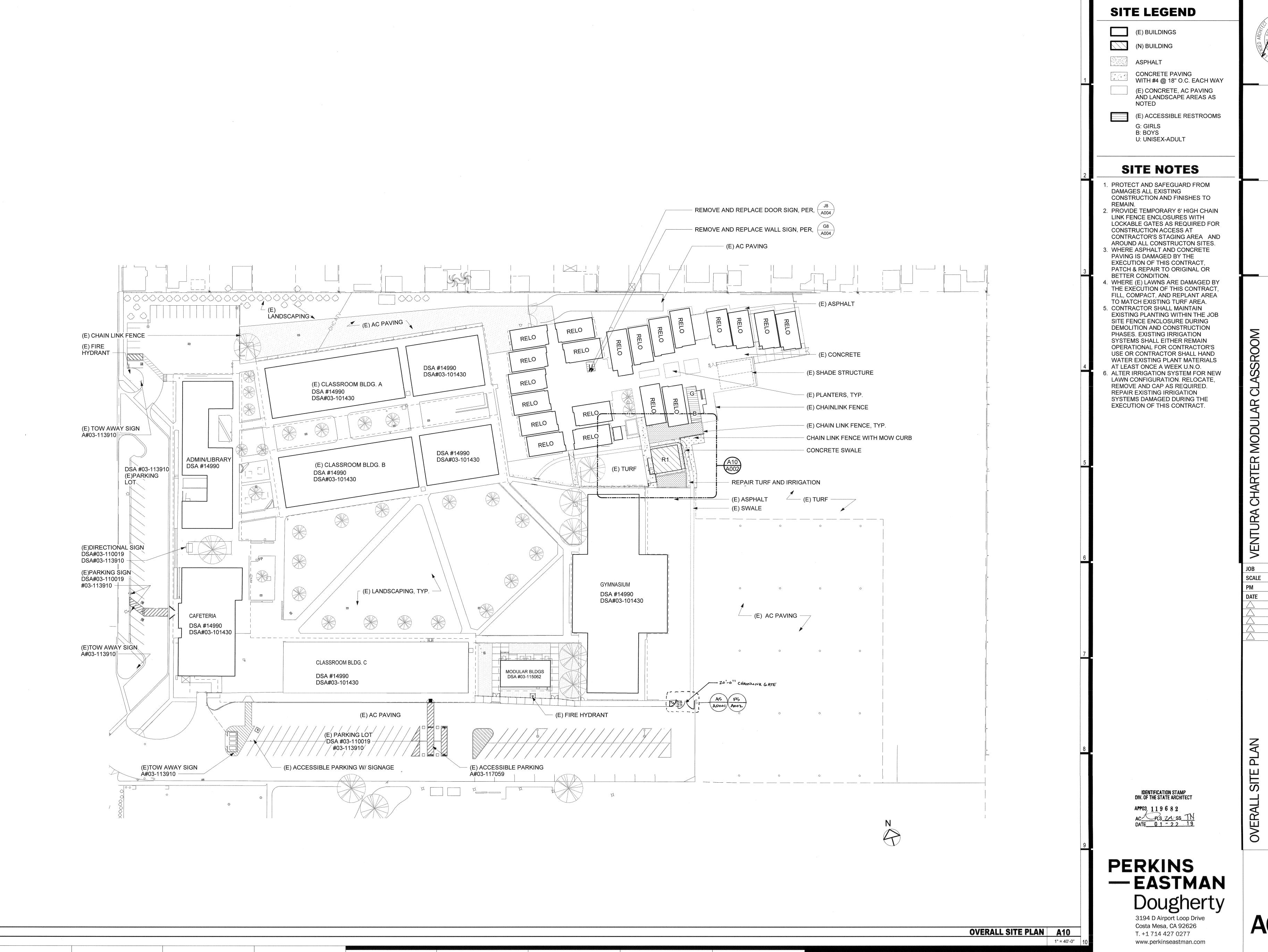
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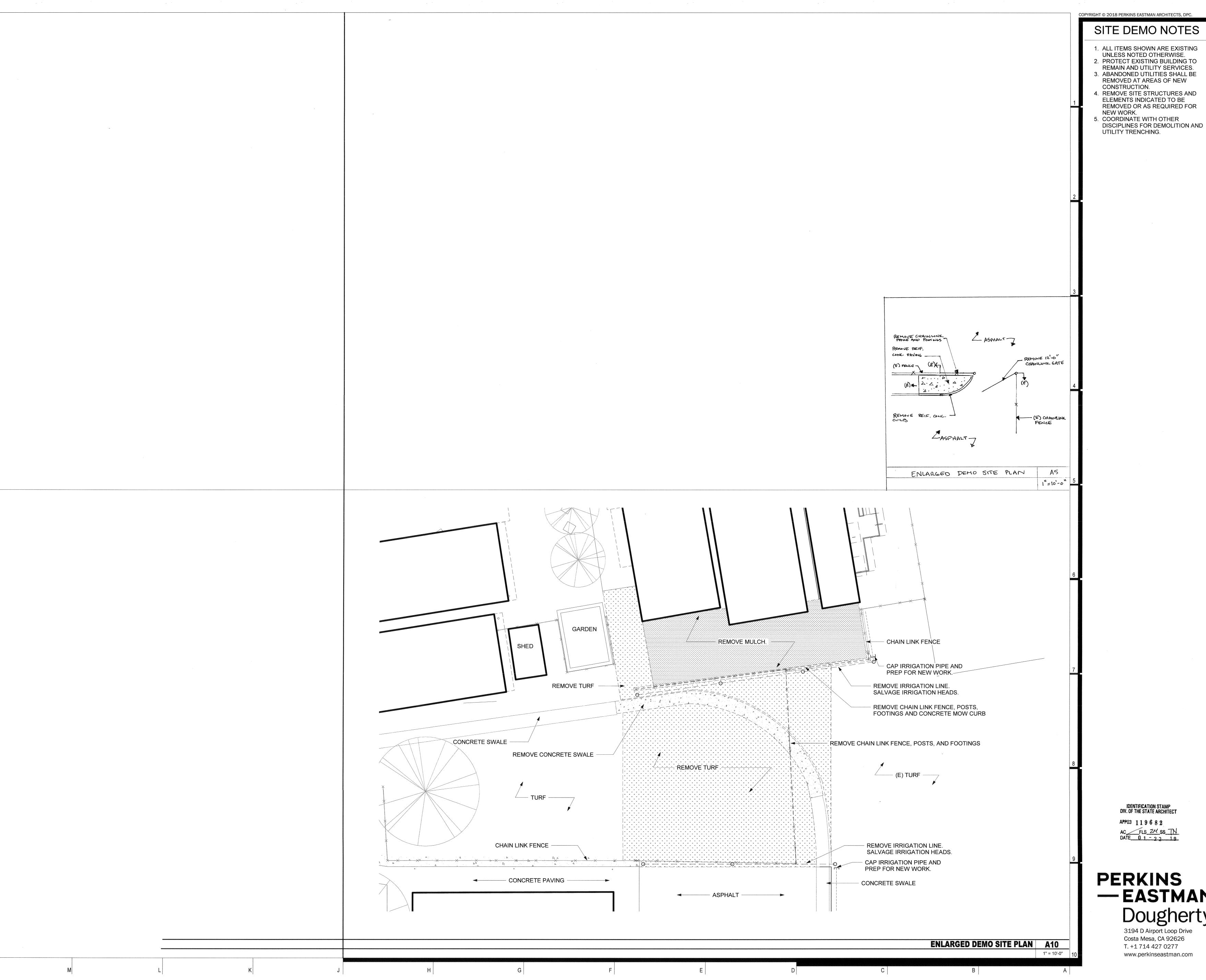
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SITE DEMO NOTES

1. ALL ITEMS SHOWN ARE EXISTING UNLESS NOTED OTHERWISE. 2. PROTECT EXISTING BUILDING TO REMAIN AND UTILITY SERVICES. 3. ABANDONED UTILITIES SHALL BE

REMOVED AT AREAS OF NEW CONSTRUCTION. 4. REMOVE SITE STRUCTURES AND

ELEMENTS INDICATED TO BE REMOVED OR AS REQUIRED FOR 5. COORDINATE WITH OTHER

VENTURA CHARTER MODULAR (SCALE

21830.00 AS NOTED 01/17/19

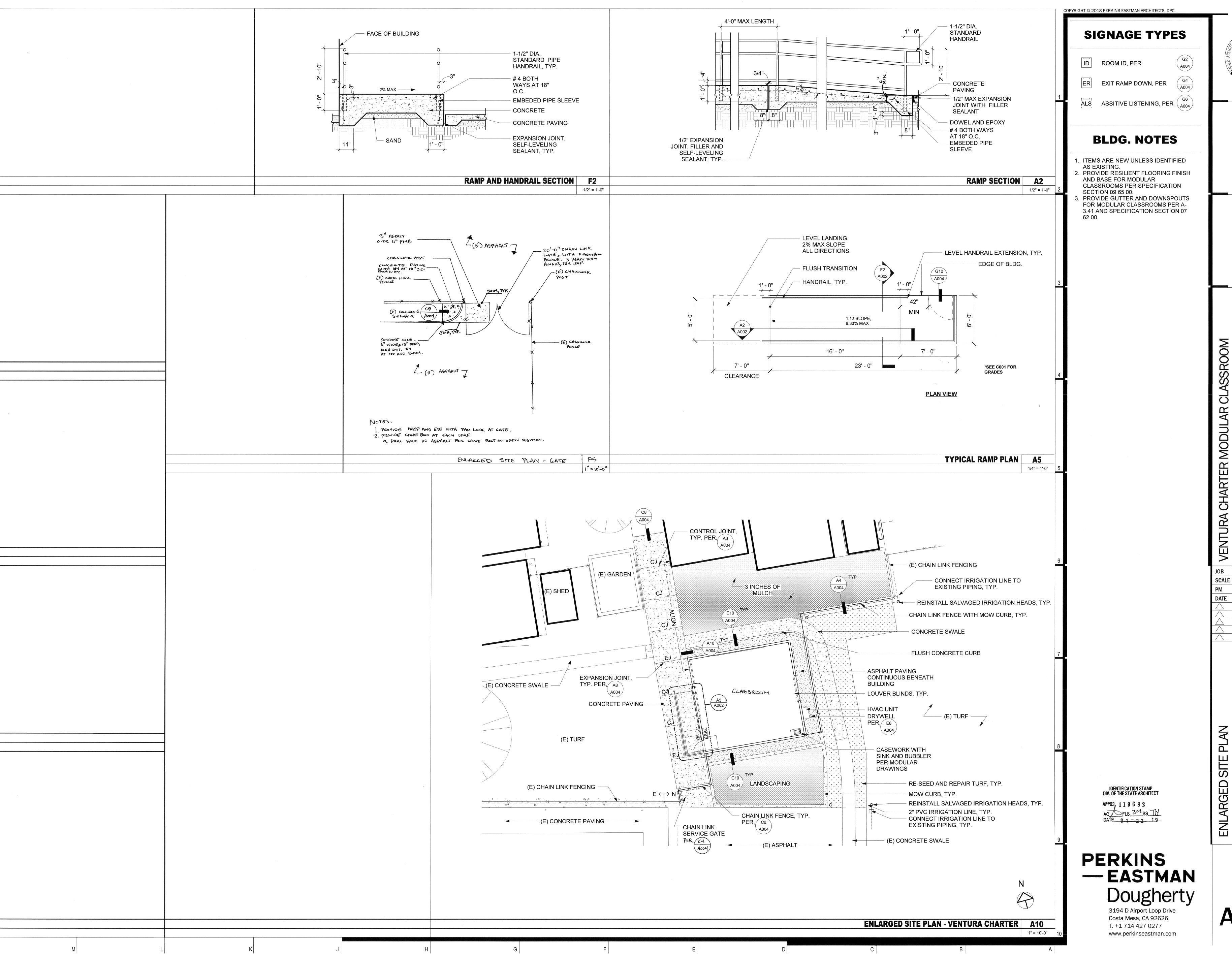
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DATE__0 1 - 22 19

PERKINS - EASTMAN
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Costa Mesa, CA 92626
T +1.714.427.0277

AD001

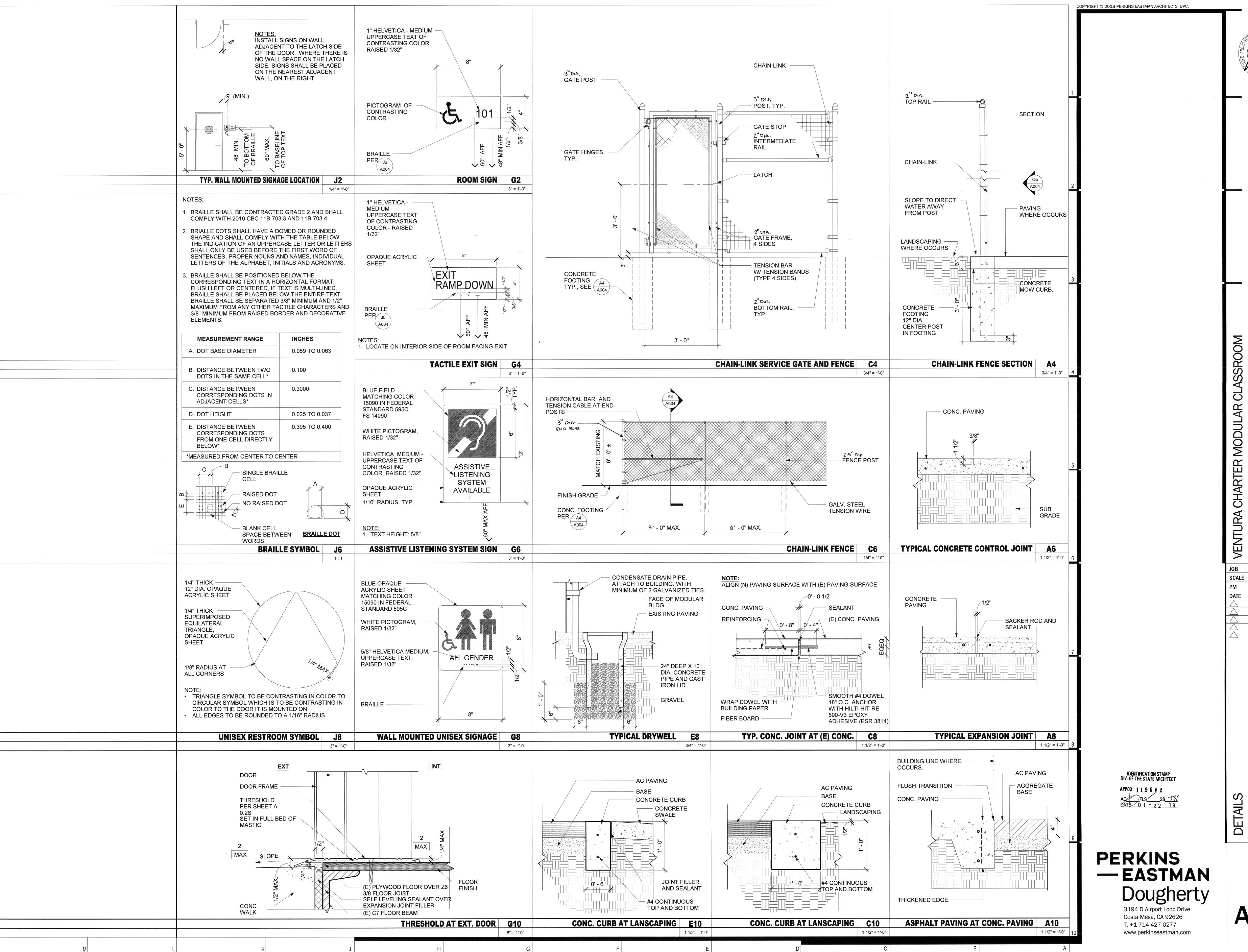


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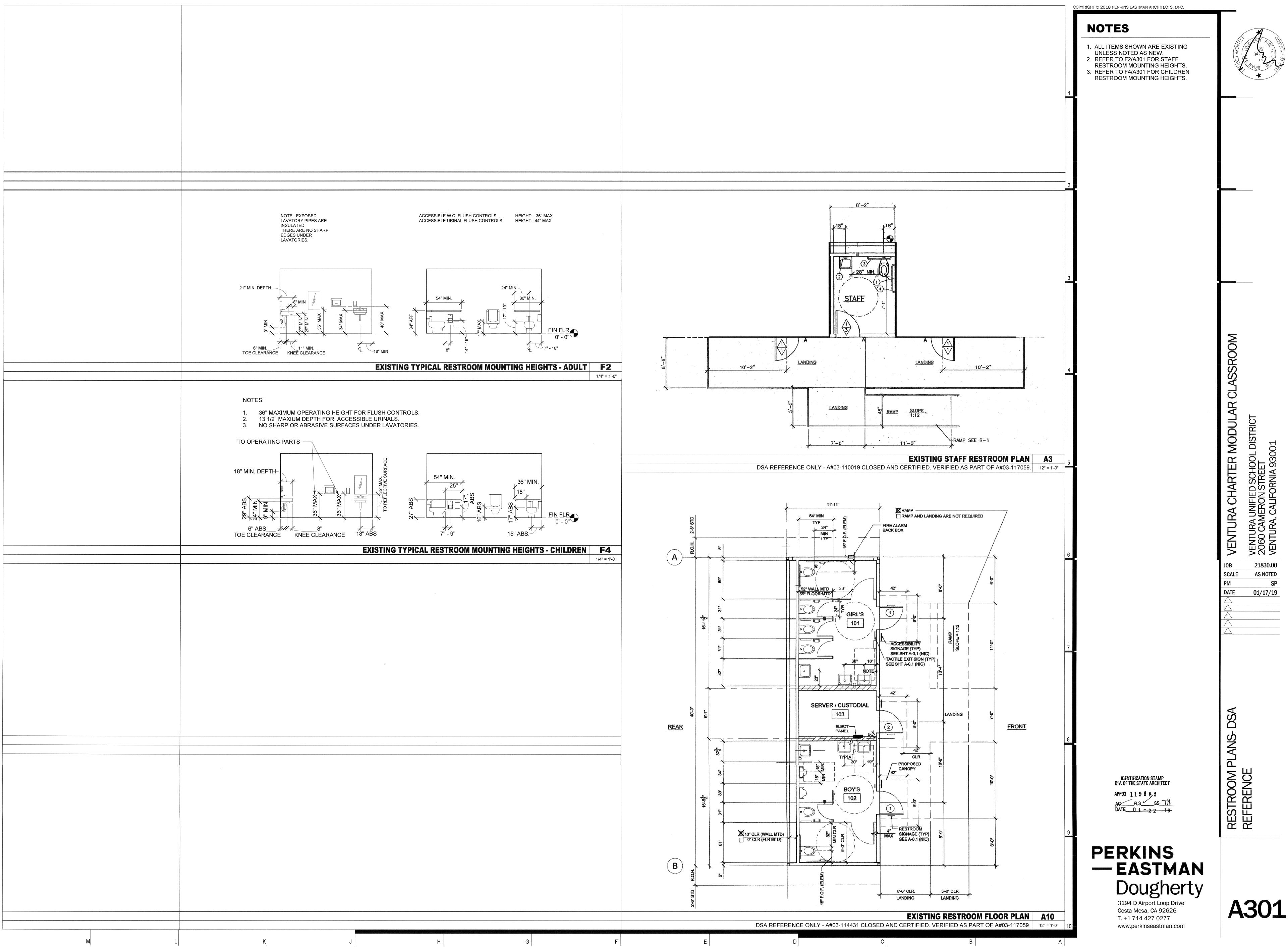
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VENTURA CHARTER MODULAR CLASSRO

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SCALE AS NOTED
PM SP
DATE 01/17/19

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2. EXAMINATION OF SITE AND CONTRACT DOCUMENTS. EACH BIDDER SHALL, AT ITS SOLE COST AND EXPENSE, INSPECT THE SITE OF THE PROPOSED WORK TO BECOME FULLY ACQUAINTED WITH CONDITIONS RELATING TO THE WORK AND TO FULLY UNDERSTAND THE FACILITIES, DIFFICULTIES AND RESTRICTIONS ATTENDING THE EXECUTION OF THE WORK UNDER THE CONTRACT DOCUMENTS AND COST THEREOF. BIDDERS SHALL THOROUGHLY REVIEW AND BE FAMILIAR WITH THE CONTRACT DOCUMENTS, INCLUDING WITHOUT LIMITATION, THE SPECIFICATIONS AND THE DRAWINGS. THE FAILURE OR OMISSION OF ANY BIDDER TO RECEIVE OR EXAMINE ANY OF THE CONTRACT DOCUMENTS, FORMS INSTRUMENTS, ADDENDA, OR OTHER DOCUMENTS OR TO INSPECT THE SITE SHALL NOT RELIEVE SUCH BIDDER FROM ANY OBLIGATIONS WITH RESPECT TO THE BID PROPOSAL, THE CONTRACT OR THE WORK REQUIRED UNDER THE CONTRACT DOCUMENTS. THE OWNER ASSUMES NO RESPONSIBILITY OR LIABILITY TO ANY BIDDER FOR, NOR SHALL THE OWNER BE BOUND BY, ANY UNDERSTANDINGS, REPRESENTATIONS OR AGREEMENTS OF THE OWNER'S AGENTS, EMPLOYEES OR OFFICERS CONCERNING THE CONTRACT DOCUMENTS OR THE WORK MADE PRIOR TO EXECUTION OF THE CONTRACT. THE SUBMISSION OF A BID PROPOSAL SHALL BE DEEMED PRIMA FACIE EVIDENCE OF THE BIDDER'S FULL COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION.

3. INTERPRETATION OF DRAWINGS, SPECIFICATIONS OR CONTRACT DOCUMENTS. IF ANY BIDDER IS IN DOUBT AS TO THE TRUE MEANING OF ANY PART OF THE DRAWINGS, THE SPECIFICATIONS OR OTHER PORTIONS OF THE CONTRACT DOCUMENTS; FINDS DISCREPANCIES, ERRORS OR OMISSIONS THEREIN; OR FINDS VARIANCES IN ANY OF THE CONTRACT DOCUMENTS WITH APPLICABLE RULES, REGULATIONS, ORDINANCES AND/OR LAWS, A WRITTEN REQUEST FOR AN INTERPRETATION OR CORRECTION THEREOF MAY BE SUBMITTED TO THE ENGINEER. IT IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE BIDDER TO SUBMIT SUCH REQUEST IN SUFFICIENT TIME FOR THE PREPARATION OF A RESPONSE THERETO AND DELIVERY OF SUCH RESPONSE TO ALL BIDDERS PRIOR TO THE SCHEDULED CLOSING FOR RECEIPT OF BID PROPOSALS. ANY REQUEST OF ANY BIDDER, PURSUANT TO THE FOREGOING SENTENCE THAT IS MADE LESS THAN SEVEN DAYS PRIOR TO THE SCHEDULED CLOSING DATE FOR THE RECEIPT OF BID PROPOSALS SHALL BE DEEMED UNTIMELY. ANY INTERPRETATION OR CORRECTION OF THE CONTRACT DOCUMENTS WILL BE MADE ONLY BY WRITTEN ADDENDUM DULY ISSUED BY THE OWNER OR THE ENGINEER. A COPY OF ANY SUCH ADDENDUM WILL BE MAILED OR OTHERWISE DELIVERED TO EACH BIDDER RECEIVING A SET OF THE CONTRACT DOCUMENTS. NO PERSON IS AUTHORIZED TO RENDER AN ORAL INTERPRETATION OR CORRECTION OF ANY PORTION OF THE CONTRACT DOCUMENTS TO ANY BIDDER. AND NO BIDDER IS AUTHORIZED TO RELY ON ANY SUCH ORAL INTERPRETATION OR CORRECTION. FAILURE TO REQUEST INTERPRETATION OR CLARIFICATION OF THE DRAWINGS, THE SPECIFICATIONS OR OTHER PORTIONS OF THE CONTRACT DOCUMENTS PURSUANT TO THE FOREGOING SHALL BE DEEMED TO BE A WAIVER OF ANY DISCREPANCY, DEFECT, OR CONFLICT THEREIN.

4. DIMENSIONS, ALL DIMENSIONS SHALL HAVE PREFERENCE OVER SCALE, ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD. ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS BEFORE PROCEEDING WITH WORK. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON WORKING DRAWINGS. ALL SIZES OF EQUIPMENT AND MATERIALS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER. ALL PLUMBING FIXTURES SHALL BE INSTALLED PER THE DIMENSIONS ON THE ARCHITECTURAL DRAWINGS.

5. CODES AND STANDARDS: ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE 2016 CALIFORNIA PLUMBING CODE, THE 2016 CALIFORNIA MECHANICAL CODE, THE 2016 CALIFORNIA BUILDING CODE, THE STATE OF CALIFORNIA, THE LOCAL JURISDICTION, AND STANDARD CONSTRUCTION PRACTICES. ALL PLUMBING FIXTURES SHALL BE IN STRICT ACCORDANCE WITH THE FIXTURE SCHEDULE, AND SHALL BE NEW AND FREE FROM DEFECTS. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND FEES, AND SHALL OBTAIN APPROVED INSPECTIONS FOR ALL WORK AS REQUIRED BY OWNER, DSA, AND LOCAL JURISDICTION. CONTRACTOR SHALL MAINTAIN IN EFFECT ALL INSURANCE REQUIRED BY STATE LAWS, LOCAL JURISDICTION, AND GENERAL CONTRACTOR / OWNER. WHERE CONFLICT OR VARIATION EXISTS AMONGST CODES, SPECIFICATIONS, OR DRAWINGS, THE MOST STRINGENT SHALL GOVERN.

6. SUBMITTALS REQUIRED: PRIOR TO ORDERING FIXTURES AND MATERIALS, CONTRACTOR SHALL FURNISH SUBMITTALS OF ALL FIXTURES AND MATERIALS PROPOSED FOR USE IN THIS PROJECT. ALL FIXTURES AND MATERIALS SHALL BE INSTITUTIONAL GRADE HEAVY DUTY QUALITY. ORDERING OF FIXTURES AND MATERIALS SHALL ONLY PROCEED AFTER SATISFACTORY REVIEW OF ALL SUBMITTALS BY ENGINEER / OWNER. COPIES OF ALL OWNER'S MANUALS. WARRANTIES, AND OTHER WRITTEN INFORMATION REGARDING SYSTEMS SHALL BE SUBMITTED TO OWNER.

7. CONSTRUCTION OBSERVATION: IN ADDITION TO THE REQUIREMENT FOR OBTAINING INSPECTIONS BY THE LOCAL JURISDICTION, CONTRACTOR SHALL NOTIFY ENGINEER AT APPROPRIATE TIMES DURING THE CONSTRUCTION PROCESS SO THAT ENGINEER CAN VISIT SITE TO BECOME GENERALLY FAMILIAR WITH THE PROGRESS AND QUALITY OF CONTRACTOR'S WORK AND TO DETERMINE IF THE WORK IS PROCEEDING IN GENERAL ACCORDANCE WITH THE CONTRACT DOCUMENTS.

8. UNDERGROUND ALERT: CALL 811 BEFORE YOU DIG OR VISIT CALIFORNIA811.ORG TO REQUEST A TICKET ONLINE."

DO NOT START ANY EXCAVATION JOB WITHOUT FIRST OBTAINING A POSITIVE RESPONSE FROM SOCALGAS THAT YOUR LOCATE AND MARK REQUEST HAS BEEN ADDRESSED.

BEFORE LAYING OUT PIPING AND PERFORMING TRENCHING, CONTRACTOR SHALL DETERMINE LOCATIONS OF EXISTING UNDERGROUND UTILITIES. CONTACT "DIG ALERT / UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA" - 811 OR CALIFORNIA811.ORG. CONTRACTOR SHALL ALSO CONTACT OWNER'S REPRESENTATIVE TO ASCERTAIN LOCATIONS OF UNDERGROUND PIPING AND OTHER CONDITIONS AFFECTING TRENCHING. AND SHALL PERFORM TESTING AND SUBSURFACE EXPLORATION AS NECESSARY TO LOCATE UTILITIES.

9. TRENCHING: MATERIAL SHALL BE EXCAVATED FROM TRENCHES AND PILED ADJACENT TO THE TRENCH. MATERIAL SHALL BE PILED IN SUCH A MANNER THAT WILL CAUSE A MINIMUM OF INCONVENIENCE TO PUBLIC TRAVEL. ALL ROCK, BOULDERS, AND STONES SHALL BE REMOVED TO PROVIDE A MINIMUM CLEARANCE OF SIX (6) INCHES UNDER AND AROUND PIPES. EXCAVATIONS SHALL BE KEPT FREE OF WATER. TRENCHES SHALL BE DUG TO TRUE AND SMOOTH BOTTOM GRADES AND IN ACCORDANCE WITH THE LINES INDICATED ON DRAWINGS AND AS DIRECTED. TRENCH WIDTHS SHALL NOT EXCEED 30 INCHES OR 1.5 TIMES OUTSIDE DIAMETER OF THE PIPE PLUS 18 INCHES WHICHEVER IS GREATER. MINIMUM TRENCH WIDTH SHALL BE THE OUTSIDE DIAMETER OF PIPE INSTALLED PLUS 12 INCHES.

DEPTH OF TRENCHING FOR WATER AND GAS PIPING SHALL BE SUCH AS TO GIVE A MINIMUM COVER OF 18 INCHES OVER THE TOP OF THE PIPE. DEEPER EXCAVATION MAY BE REQUIRED DUE TO LOCALIZED BREAKS IN GRADE, OR TO INSTALL THE NEW PIPING UNDER EXISTING CULVERTS OR OTHER UTILITIES WHERE NECESSARY.

TRENCHING FOR SEWERS AND DRAINS SHALL BE OF SUFFICIENT WIDTH TO PERMIT PROPER JOINTING OF THE PIPE AND BACKFILLING OF MATERIAL ALONG THE SIDES OF THE PIPE. TRENCH WIDTH AT THE SURFACE OF THE GROUND SHALL BE KEPT TO THE MINIMUM AMOUNT NECESSARY TO INSTALL THE PIPE IN A SAFE MANNER. TRENCHES SHALL BE EXCAVATED BELOW THE BARREL OF THE PIPE A SUFFICIENT DISTANCE TO PROVIDE FOR BEDDING MATERIAL.

WHERE THE TRENCH BOTTOM IS IN A MATERIAL WHICH IS UNSUITABLE FOR FOUNDATION OR WHICH WILL MAKE IT DIFFICULT TO OBTAIN UNIFORM BEARING FOR THE PIPE, SUCH MATERIAL SHALL BE REMOVED AND A STABLE FOUNDATION PROVIDED. THIS SHALL INCLUDE THE PREPARATION OF THE NATIVE TRENCH BOTTOM AND/OR THE TOP OF THE FOUNDATION MATERIAL TO A UNIFORM GRADE SO THAT THE ENTIRE LENGTH OF PIPE RESTS FIRMLY ON A SUITABLE PROPERLY COMPACTED MATERIAL. GRAVEL TO BE USED FOR FOUNDATION PURPOSES SHALL BE OF A TYPE AND GRADATION TO PROVIDE A SOLID COMPACT BEDDING IN THE TRENCH.

10. BACKFILL: CONTRACTOR SHALL COMPLETE BEDDING AND THEN BACKFILL TO 12 INCHES OVER THE TOP OF THE PIPE WITH SAND BEFORE STARTING BACKFILLING OPERATIONS. TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE PIPE FROM DAMAGE, MOVEMENT AND SHIFTING. COMPACTION EQUIPMENT USED ABOVE THE PIPE ZONE SHALL BE OF A TYPE THAT DOES NOT INJURE THE PIPE. WHERE ORIGINAL EXCAVATED MATERIAL IS UNSUITABLE FOR TRENCH BACKFILL, BACKFILL GRAVEL SHALL BE PLACED, UNSUITABLE MATERIAL SHALL BE REMOVED TO A DISPOSAL AREA. WHEREVER A TRENCH IS EXCAVATED IN A PAVED ROADWAY, SIDEWALK OR OTHER AREA WHERE MINOR SETTLEMENTS WOULD BE DETRIMENTAL AND WHERE NATIVE EXCAVATED MATERIAL IS NOT SUITABLE FOR COMPACTION AS BACKFILL. TRENCH SHALL BE BACKFILLED WITH BACKFILL GRAVEL. WARNING TAPE MARKERS AND TRACER WIRES SHALL BE INSTALLED DURING BACKFILL OPERATIONS FOR ALL BURIED PLASTIC PIPE.

THE METHOD OF COMPACTION SHALL BE AT CONTRACTOR'S OPTION. UNLESS EXCAVATION PERMIT REQUIRES A SPECIFIC TYPE. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE PROPER SIZE AND TYPE OF COMPACTION EQUIPMENT AND SELECT THE PROPER METHOD OF UTILIZING SAID EQUIPMENT TO ATTAIN THE REQUIRED COMPACTION DENSITY. COMPACTION BY WATER JETTING WILL NOT BE PERMITTED.

WHERE BACKFILL IS REQUIRED TO BE COMPACTED TO A SPECIFIED DENSITY, TESTS FOR COMPLIANCE SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNING AUTHORITY. ALLOW TESTING SERVICE TO INSPECT AND APPROVE EACH SUBGRADE AND FILL LAYER BEFORE FURTHER FILL. BACKFILL OR CONSTRUCTION WORK IS PERFORMED.

11. PIPING LOCATIONS: PIPING LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL LATERAL STUBS, OFFSETS, OBSTRUCTIONS. ETC REQUIRED IN THE FIELD. THE ACTUAL LOCATIONS OF LINES, CLEANOUTS AND CONNECTIONS MAY VARY PROVIDED THAT COMPLETE SYSTEMS ARE SIZED AND INSTALLED IN COMPLIANCE WITH CODES. ANY SIGNIFICANT DEVIATIONS FROM THE PLANS SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER PRIOR TO INSTALLATION. VERIFY CONNECTIONS LOCATIONS AND RELOCATABLES. CUT & PATCH FINISHED SURFACES AS NEEDED FOR PIPE INSTALLATION. PATCH SHALL MATCH ADJACENT SURFACES.

12. WASTE AND VENT PIPING: ALL DRAINS, VENTS, FITTINGS, AND THE BUILDING DRAIN SHALL BE US - MANUFACTURED CAST IRON PIPING. THE BUILDING SEWER (BEYOND 5 FEET OF FOUNDATION) SHALL BE US -MANUFACTURED ABS DWV SCH. 40 PIPE MEETING THE REQUIREMENTS OF ASTM D3965. EXTENSIONS TO SERVE CLEANOUTS AT GRADE SHALL BE CAST IRON. ALL LINES SHALL BE SLOPED AS PER PLAN IN COMPLIANCE WITH CODE. WHERE VENT PIPES PENETRATE THE ROOF. PIPING SHALL BE FLASHED AND COUNTER-FLASHED. VANDAL-PROOF VENT CAPS (JR SMITH 1748, ZURN Z-193, OR EQUAL) SHALL BE INSTALLED ON EVERY PLUMBING VENT. LAVATORY AND SINK P-TRAPS SHALL BE CHROME PLATED VANDAL-PROOF CAST BRASS. MCGUIRE MFG CO "VANDAL TRAP", OR EQUAL. WHERE PIPING PENETRATES WALL, CHROME PLATED CAST BRASS ESCUTCHEONS WITH SET SCREWS SHALL BE INSTALLED. INSTALL TAPE MARKERS AND TRACER WIRES FOR ALL BURIED PLASTIC PIPE.

13. SITE SEWER PIPING SHALL BE US - MANUFACTURED ABS DWV SCH. 40 PIPE MEETING THE REQUIREMENTS OF ASTM D-3965. EXTENSIONS TO SERVE CLEANOUTS TO GRADE SHALL BE CAST IRON. ALL LINES SHALL BE SLOPED @ 1/4"/FT MIN OR IN COMPLIANCE WITH CODE. WHERE PIPING SLOPES LESS THAN 1/4"/FOOT A LICENSED SURVEYOR SHALL BE EMPLOYED TO VERIFY SEWER SLOPE. PROVIDE ACTUAL INVERT ELEVATIONS AT CLEANOUTS.

14. PRESSURIZED WASTE PIPE SHALL BE U.S. MANUFACTURED DWV COPPER WITH COPPER WASTE FITTINGS FOR 10 FEET. AFTER 10 FEET, WASTE PIPE SHALL BE US - MANUFACTURED ABS DWV SCH. 40 PIPE & FITTINGS MEETING THE REQUIREMENTS OF ASTM D-3965.

15. WATER PIPING: ALL UNDERGROUND SITE PIPING SHALL BE U.S. MANUFACTURED SCHEDULE 80 PVC. ALL ABOVEGROUND PIPING SHALL BE U.S. MANUFACTURED TYPE "L" HARD COPPER WITH (NON-LEAD) SOLDER SWEAT JOINTS. TRANSITIONS FROM PVC TO ABOVE GROUND COPPER SHALL BE MADE WITH U.S. MANUFACTURED TYPE "K" SOFT COPPER, USING MALE PVC / FEMALE COPPER ADAPTERS, WITH NO JOINTS ALLOWED UNDER BUILDING SLABS. UNDERGROUND JOINTS SHALL BE BRAZED. DEPTH OF COVER 30" IN PAVED AREAS / 18" IN LANDSCAPING. INSTALL TAPE MARKERS AND TRACER WIRES FOR ALL BURIED PLASTIC PIPE. INDIVIDUAL SHUTOFF VALVES SHALL BE NIBCO -S-685-80-LF BALL VALVES. MAIN SHUTOFF VALVES SHALL BE NIBCO T-113-LF GATE VALVE.

16. CLEANOUTS: CLEANOUTS TO GRADE SHALL BE J.R. SMITH 4253S OR EQUAL WITH BRONZE PLUG AND NON-SKID COVER WITH LIFTING DEVICE SET FLUSH WITH SURFACE FOR PAVED AREAS. NON-TRAFFIC OR NON-SURFACED AREAS. SHALL BE INSTALLED WITH CAST IRON CLEANOUT RISERS TERMINATING WITH BRONZE PLUG WITHIN CHRISTY (OR EQUAL) CONCRETE YARD BOX WITH CAST IRON COVER AND THE WORDS "SEWER" MARKED ON COVER.

17. PIPING SUPPORT: ALL PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2016 CALIFORNIA PLUMBING CODE. HORIZONTAL WATER PIPES AND CONDENSATE DRAINS SHALL BE HUNG WITH SUPERSTRUT C-727-F ADJUSTABLE FELT-LINED PIPE HANGERS, THREADED ROD, AND BEAM ATTACHMENT BRACKETS, LOCATED AT SIX FOOT MAXIMUM INTERVALS. VERTICAL WATER PIPES AND CONDENSATE DRAINS SHALL BE SUPPORTED AT THEIR BASES AND AT EACH STORY OR AT TEN FOOT MAXIMUM INTERVALS. TO PREVENT SWAYING, PROVIDE LATERAL BRACING AT SIX FOOT INTERVALS ANCHORED TO OVERHEAD FRAMING. HORIZONTAL NATURAL GAS PIPING SHALL BE SUSPENDED WITH THE SAME HARDWARE AS FOR WATER PIPING, EXCEPT WITHOUT FELT LINER, LOCATED EVERY TEN FEET FOR PIPES 3/4" AND SMALLER, AND TWELVE FEET MAXIMUM FOR PIPES 1" AND LARGER. VERTICAL NATURAL GAS PIPING SHALL BE SUPPORTED AT EACH STORY HEIGHT. TO PREVENT SWAYING, PROVIDE LATERAL BRACING AT TEN FOOT INTERVALS ANCHORED TO OVERHEAD FRAMING. HORIZONTAL CAST IRON PIPING SHALL BE HUNG WITH SUPERSTRUT C-710 ADJUSTABLE CLEVIS HANGERS, THREADED ROD, AND BEAM ATTACHMENT BRACKETS, LOCATED AT FIVE FOOT MAXIMUM INTERVALS. TO PREVENT SWAYING, PROVIDE LATERAL BRACING AT FIVE FOOT INTERVALS ANCHORED TO OVERHEAD FRAMING. VERTICAL PIPING SHALL BE SUPPORTED AT EACH FLOOR WITH SUPERSTRUT C-720 RISER CLAMPS AND AT MIDSPAN WITH C-708 CLAMPS INTO SUPERSTRUT CHANNEL.

18. TESTING: ALL PIPING AND FIXTURES INSTALLED SHALL BE TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2016 CALIFORNIA PLUMBING CODE AND THE LOCAL JURISDICTION.

19. CORRECTION OF WORK: THE CONTRACTOR SHALL PROMPTLY CORRECT ALL WORK THE SCHOOL DISTRICT FINDS DEFECTIVE OR FAILING TO CONFORM TO THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BEAR ALL COSTS REQUIRED BY THE CONTRACT DOCUMENTS. IF ANY OF THE WORK IS FOUND TO BE DEFECTIVE OR NOT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL CORRECT IT PROMPTLY AFTER RECEIPT OF A WRITTEN NOTICE FROM THE SCHOOL DISTRICT TO DO SO.

20. WARRANTY: THE CONTRACTOR SHALL WARRANT THAT ALL SYSTEMS. SUBSYSTEMS, AND COMPONENT PARTS ARE FULLY FREE FROM DEFECTIVE DESIGN. MATERIALS. AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE SCHOOL DISTRICT.

21. AS-BUILT DRAWINGS SHALL BE GIVEN TO THE SCHOOL DISTRICT PRIOR TO ACCEPTANCE OF THE PROJECT.

22. CLEANUP: CONTRACTOR SHALL THOROUGHLY CLEAN ENTIRE JOBSITE EVERY DAY OF ALL DEBRIS ASSOCIATED WITH PLUMBING INSTALLATION.

23. COORDINATION: CONTRACTOR SHALL COORDINATE WITH THE SCHOOL DISTRICT'S PROJECT MANAGER AND ALL RELATED TRADES.

24. CUTTING AND PATCHING. WORK INCLUDES CUTTING AND PATCHING (TO MATCH EXISTING) ALL SURFACES AND SYSTEMS DISTURBED BY THE PLUMBING

25. DISINFECTION OF DOMESTIC WATER PIPING SYSTEM: A. PRIOR TO STARTING WORK. VERIFY SYSTEM IS COMPLETE, FLUSHED AND

CLEAN. B. ENSURE PH OF WATER TO BE TREATED IS BETWEEN 7.4 AND 7.6 BY ADDING

ALKALI (CAUSTIC SODA OR SODA ASH) OR ACID (HYDROCHLORIC).

C. INJECT DISINFECTANT, FREE CHLORINE IN LIQUID, POWDER, TABLET OR GAS FORM, THROUGHOUT SYSTEM TO OBTAIN 50 TO 80 mg/L RESIDUAL.

D. BLEED WATER FROM OUTLETS TO ENSURE DISTRIBUTION AND TEST FOR DISINFECTANT RESIDUAL AT MINIMUM 15 PERCENT OF OUTLETS.

MAINTAIN DISINFECTANT IN SYSTEM FOR 24 HOURS. . IF FINAL DISINFECTANT RESIDUAL TESTS LESS THAN 25 mg/L, REPEAT

TREATMENT. G. FLUSH DISINFECTANT FROM SYSTEM UNTIL RESIDUAL EQUAL TO THAT OF INCOMING WATER OR 1.0 mg/L

H. TAKE SAMPLES NO SOONER THAN 24 HOURS AFTER FLUSHING, FROM 10 PERCENT OF OUTLETS AND FROM WATER ENTRY AND ANALYZE IN

ACCORDANCE WITH AWWA C651. PRIOR TO PLACING DOMESTIC WATER SYSTEM IN SERVICE FOR HUMAN CONSUMPTION, THE PLUMBING CONTRACTOR SHALL PROVIDE PROMPTLY

TO THE OWNER AND ENGINEER THE WRITTEN TEST RESULTS.

ABBREVIATIONS

ABBREV ABBREVIATIONS ABOVE AFF APPROX APPROXIMATILY BLW BELOW BFF BLDG BUILDING CEILING CENTERLINE CLEAN OUT TO GRADE COLD WATER

CONDENSATE CONTINUED DIAMETER DOWN DOWN SPOUT DRAWING EACH ELECTRIC ELEVATION EQUIPMENT EQUIPMENT EXHAUST

EXH (E)EXISTING FIN FINISHED FLR FLOOR FCO FRM FROM GPM

GAS MAX MAXIMUM MINIMUM ON CENTER

POINT OF CONNECTION RETURN AIR RD ROOF DRAIN RO ROOF OVERFLOW SHT SHEET SOV SHUT-OFF VALVE

UGND UNDERGROUND VTR VENT TO ROOF WALL CLEAN-OUT WATER HEATER

> ----- - ---- (E) COLD WATER WASTE OR SEWER

— — — — (E) WASTE OR SEWER

CLEAN-OUT TO GRADE

POINT OF CONNECTION



ABOVE FINISHED FLOOR BELOW FINISHED FLOOR

CLG COTG CM COND CONT DIA

DN DS DWG EA ELEC EL | ELEV EQ EQUIP

FLOOR CLEAN OUT GALLONS PER MINUTE

POC

TYP TYPICAL

LINE LEGEND

---- - COLD WATER — G —— G —— (E) GAS

SYMBOL LEGEND

CLEAN-OUT TO GRADE IN YARD BOX



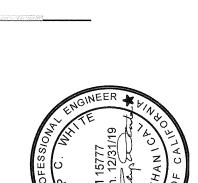


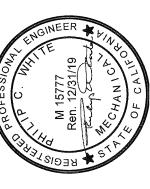
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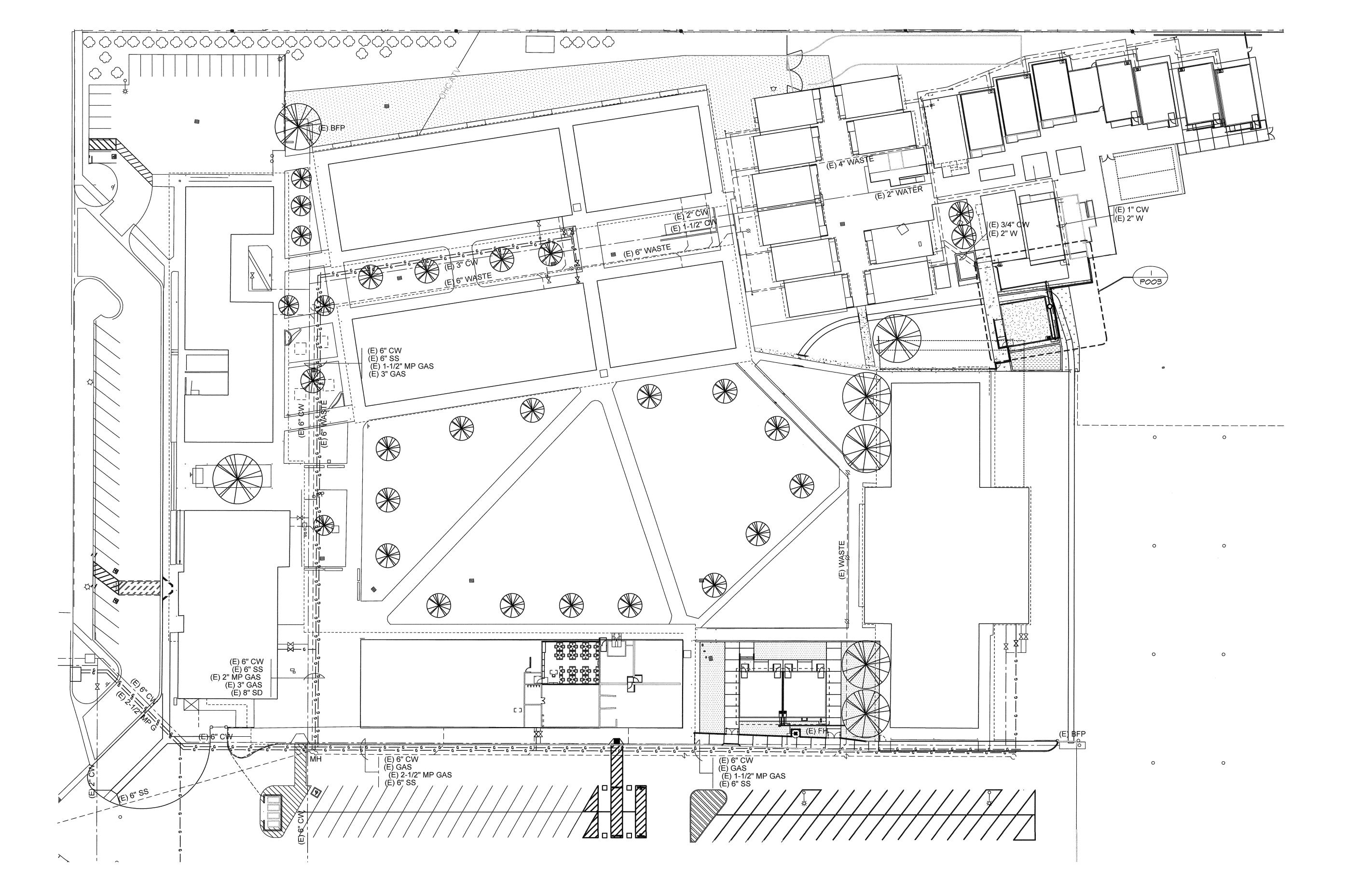
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P001

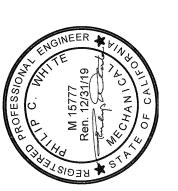


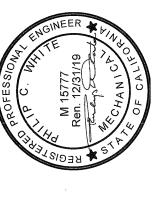
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PADLOCK.

HYDRANT WITH VACUUM BREAKER & QUICK COUPLER. NIBCO, WATTS, OR

SUMP PUMP SYSTEM. LIBERTY PUMPS, PRO-SERIES SEWAGE SYSTEM.

2" DISCHARGE. ELEC. DATA 115/1/60, 4/10 HP, 24"ØX24" DEEP BASIN. OPERATING WEIGHT 71 LBS. WITH BCV 200 CHECK/BALL VALVES, QUICKTREE KIT, & OPTIONAL 'X8' BASIN EXTENSION WITH COVER &

WITH ALARM. PRO 380-SD SERIES, SYSTEM MODEL P382X8LE41 SD-2/A2W,

----- - COLD WATER ----- (E) COLD WATER — с — с — с — (E) GAS

LINE LEGEND

 WASTE OR SEWER — — — (E) WASTE OR SEWER

POINT OF CONNECTION

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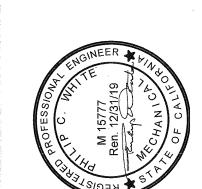
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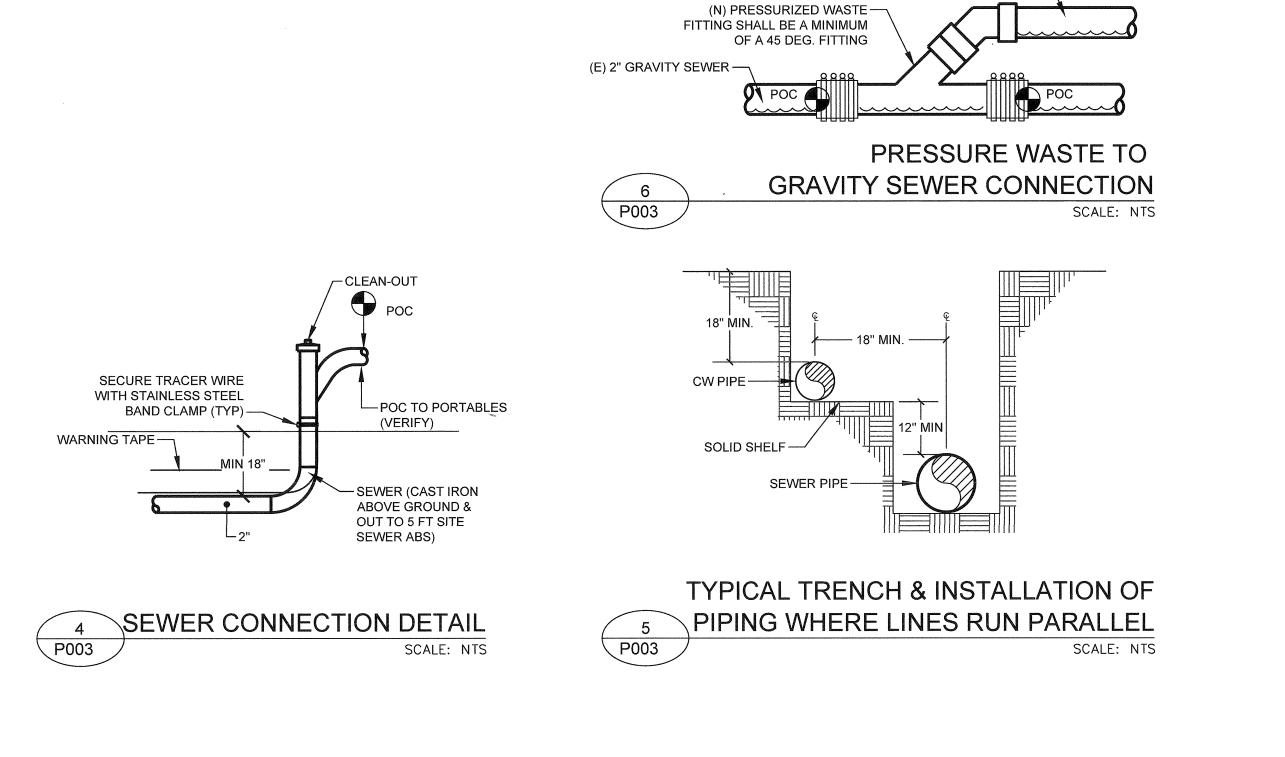
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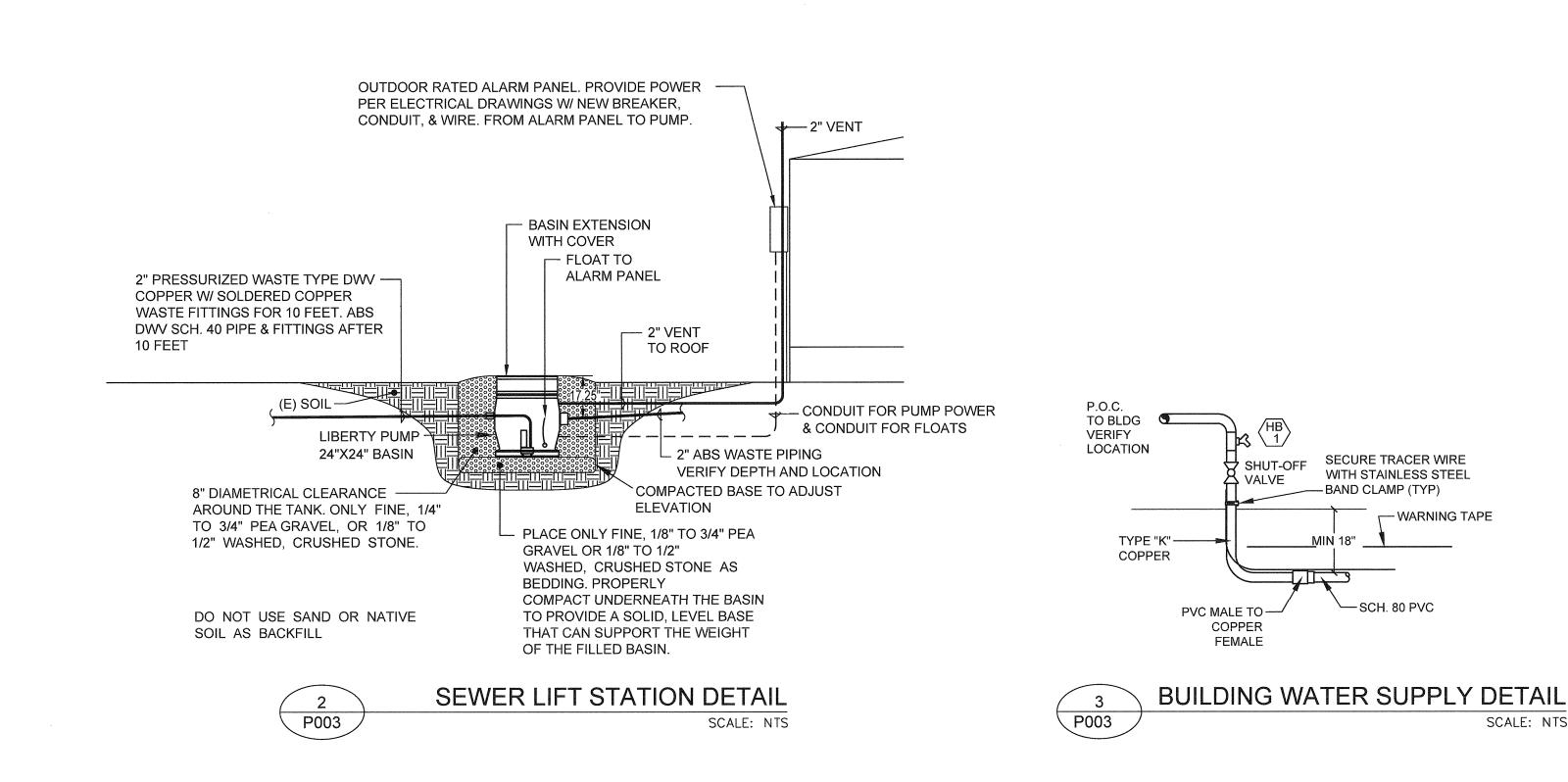
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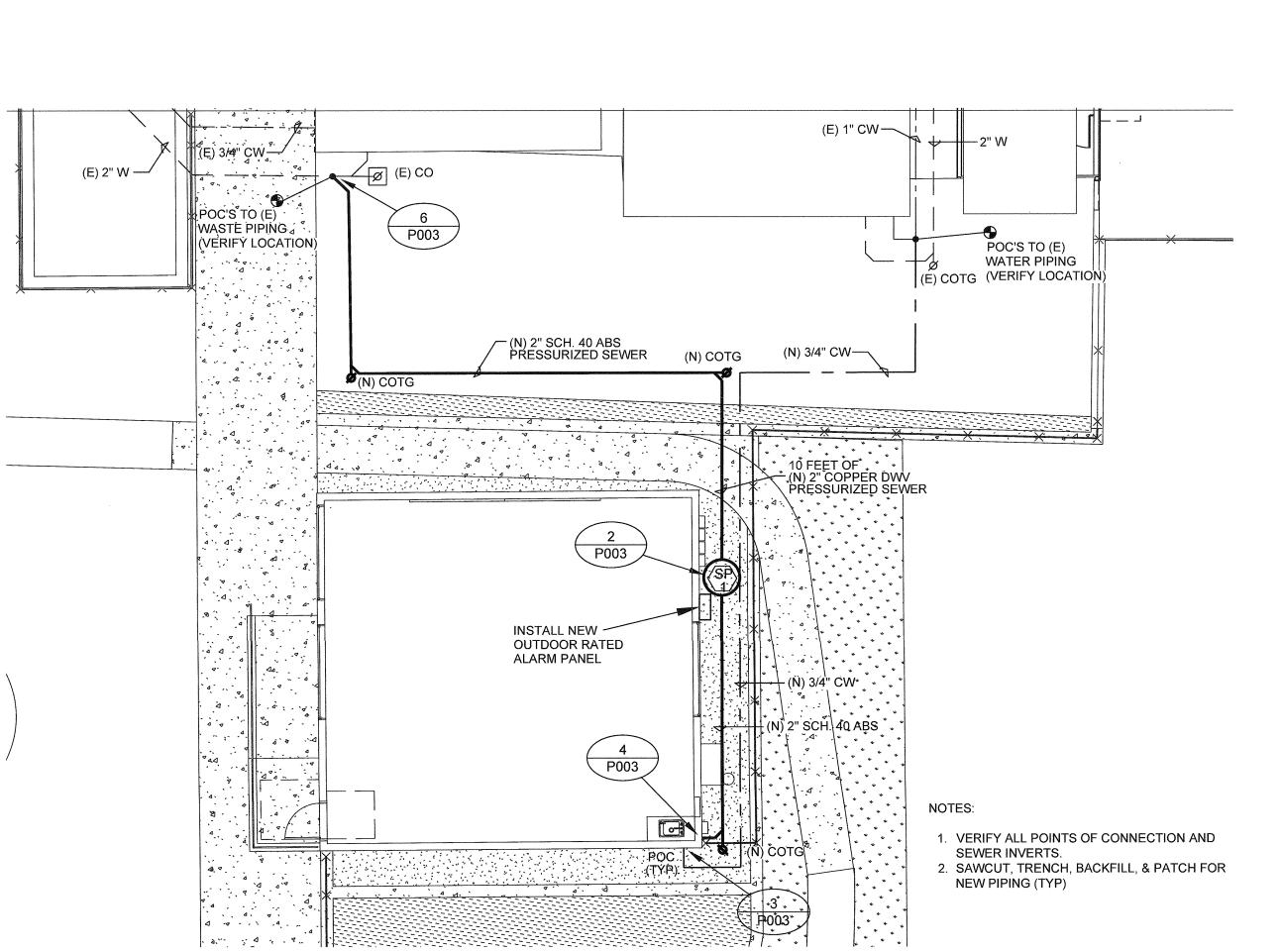
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P003



(N) 2" PRESSURIZED WASTE -





PLUMBING PLAN & DETAILS - VENTURA CHARTER P003

CLEAN-OUT

(VERIFY)

SEWER ABS)

SECURE TRACER WIRE

WITH STAINLESS STEEL

WARNING TAPE-

BAND CLAMP (TYP) -

PLUMBING PLAN

- 1. CONSULT WITH THE DISTRICT'S ELECTRICAL INSPECTOR BEFORE STARTING WORK.
- 2. ALL EXPOSED CONDUITS AND BOXES SHALL BE PAINTED TO MATCH THE SURFACES WHERE INSTALLED.
- 3. ALL EXISTING MATERIALS REMOVED FROM BUILDINGS SHALL BE REMOVED FROM SITE AS DIRECTED BY THE DISTRICT ELECTRICAL INSPECTOR.
- 4. COORDINATE THE ELECTRICAL WORK WITH THE WORK OF OTHER TRADES.
- 5. WHERE EXISTING STRUCTURAL WALLS ARE CORED FOR NEW CONDUIT RUNS, SEPARATION BETWEEN CORED HOLES SHALL BE THREE INCHES FROM NEW OR EXISTING HOLES. UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- 6 ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION PER CCR, TITLE-24, 2010 CBC SECTION 1632A AND TABLE 16A-0. ANCHORAGE DETAILS AND INSTALLATION SHALL BE PER PLAN & SPECS.
- 7. THE REPRESENTATION OF PHYSICAL PLACEMENT OF EXISTING CONDUITS HAS BEEN DEVELOPED FROM THE BEST INFORMATION AVAILABLE TO THE DISTRICT AT THE TIME THE DRAWINGS WERE PREPARED. THE DISTRICT PROVIDES THIS ONLY AS A GENERAL GUIDELINE FOR THE CONVENIENCE OF BIDDERS/CONTRACTORS AND DOES NOT GUARANTEE OR WARRANT IN ANY WAY EXPRESSLY OR IMPLIEDLY. THE ACCURACY OF THESE REPRESENTATIONS. NOTHING IN THIS DISCLAIMER AFFECTS IN ANY WAY THE DUTY OF THE CONTRACTOR TO FURNISH ACCURATE "AS BUILT" DRAWINGS AFTER THE COMPLETION OF THE CONTRACT.
- 8. ALL FEEDERS AND BRANCH CIRCUITS INSTALLED UNDERGROUND AND EXPOSED OUTDOOR SHALL CARRY A GROUND WIRE, SIZED AS PER N.E.C.
- 9. IN EXISTING BUILDINGS, CONTRACTORS SHALL NOT WORK IN AREAS CONTAMINATED BY MATERIALS MADE OF ASBESTOS UNTIL THE ASBESTOS MATERIALS HAVE BEEN REMOVED OR ENCAPSULATED.
- 10. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND EQUIPMENT AND MATERIAL APPROVED FOR USE UNDER THIS CONTRACT.
- 11. EXISTING FIRE ALARM SYSTEM AND SECURITY SYSTEM MUST REMAIN IN OPERATION UNTIL NEW SYSTEM IS COMPLETE, APPROVED AND OPERATIONAL.
- 12. INCLUDE ALL NECESSARY DEMOLITION AS PART OF THIS WORK.
- 13. QUANTITY OF WIRES SHOWN IN ALL CONDUITS IS FOR GENERAL GUIDELINE. SUPPLIER OF FIRE ALARM SHALL PREPARE CONSTRUCTION DRAWINGS SHOWING ALL NECESSARY WIRES AND CABLES AND VERIFY SIZES OF ALL CONDUITS SHOWN. PROVIDE ALL SPARE WIRES BETWEEN BUILDINGS.
- 14. DRAWINGS DO NOT SHOW ALL THE NECESSARY J-BOXES AND PULL BOXES WHICH WILL BE REQUIRED THROUGHOUT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL THESE BOXES AS NECESSARY TO TERMINATE CONDUITS AND RACEWAYS. PAINT BOXES TO MATCH COLOR OF THE FINISHED SURFACE THAT THE BOXES ARE ATTACHED TO. ALL JUNCTION BOXES AND DEVICES INDICATED ON BUILDING EXTERIORS SHALL BE

15. WEATHERPROOF TYPE

- 16. FIRE ALARM WIRES SHALL BE COPPER TYPE THWN/THHN.
- 17. ALL SIGNAL WIRING IN UNDERGROUND CONDUITS SHALL BE WET LOCATION TYPE. COORDINATION:
- 18. THE GENERAL CONTRACTOR SHALL COORDINATE LAYOUT DIMENSIONS INDICATED A. ON ELECTRICAL. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER BEFORE BID TIME, OR BEFORE PROCEEDING WITH THE WORK. B. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE CONSTRUCTION DOCUMENTS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SIMILAR CONDITIONS THAT ARE SHOWN. C. THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL COMMUNICATION AND SECURITY REQUIREMENTS BEFORE CONSTRUCTION BEGINS. D. BEFORE STARTING ANY UNDERGROUND WORK, THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES IN ORDER TO LOCATE EXISTING UNDERGROUND LINES. IN THE EVENT THAT DURING THE UNDERGROUND WORK, THE CONTRACTOR DETERIORATES ANY EXISTING LINES, IT WILL BE HIS RESPONSIBILITY TO DO ALL NECESSARY REPAIR WORK AT HIS EXPENSE.
- 19. ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED ON THE SITE BY GENERAL CONTRACTOR, AND EACH SUB-CONTRACTOR BEFORE THE WORK BEGINS. ERRORS. OMISSIONS AND DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION BEFORE CONSTRUCTION BEGINS.
- 20. THE ENGINEER HAS PREPARED THESE DOCUMENTS ONLY FOR IMPROVEMENTS SPECIFIED, DETAILED OR SHOWN AS NEW WORK, AND ASSUMES NO RESPONSIBILITY FOR OTHER CONSTRUCTION. MATERIAL OR EQUIPMENT NOTED AS "EXISTING" OR AS "PROVIDED BY OTHERS".
- 21. ALL TRENCHES OUTSIDE OF THE BARRICADE LIMITS SHALL BE BACKFILLED AND PAVED NOT LATER THAN 72 HOURS AFTER BEING OPENED. DURING THE TIME THE TRENCHES ARE OPEN IN TRAFFIC AREAS. THE CONTRACTOR SHALL PROVIDE TRAFFIC PLATES.
- 22. ALL UNDERGROUND CONDUITS SHALL BE ENTIRELY ENCASED IN CONCRETE 3" THICK ON ALL SIDES WITH MULTIPLE CONDUITS SPACED NOT LESS THAN 2" APART. MINIMUM DEPTH OF NOT LESS THAN 24" BELOW FINISHED GRADE TO THE TOP OF CONCRETE ENVELOPE.
- 73 EXISTING ELECTRICAL SERVICE HAS BEEN INVESTIGATED AND FOUND TO HAVE ADEQUATE CAPACITY FOR PROPOSED LUAD ADDITION AS SHOWN ON THESE PLANS

24 SITE INSPECTOR IS TO WITNESS AND VORIFY GROUNDING TEST

CONSTRUCTION NOTES

- 1. DEMOLISH/PATCH/REPAIR/REPLACE AS REQUIRED, ALL EXISTING CONSTRUCTION, FINISHES, LANDSCAPING, AND SITE CONSTRUCTION AFFECTED BY NEW WORK TO MATCH EXISTING ADJACENT CONSTRUCTION COMPLETE, PREPARE & PAINT AFFECTED SURFACES AS REQUIRED, ENTIRE SURFACE PLANE, UNLESS NOTED OTHERWISE.
- 2. EXISTING ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, CIVIL, OR LANDSCAPE COMPONENTS INCLUDING BUT NOT LIMITED TO SITE PAVING, CURBS, CONCRETE WALKWAYS, PLANTERS/PLANTING/TREES, AND UNDERGROUND UTILITIES TO REMAIN UNLESS NOTED OTHERWISE. COMPONENTS TO REMAIN WHICH ARE REMOVED BY CONTRACTOR IN THE PERFORMANCE OF THE SCOPE OF WORK FOR ANY REASON ARE TO BE REPLACED TO MATCH EXISTING AT CONTRACTOR'S EXPENSE.
- 3. PATCH AND REPAIR SUBSTRATE AND/OR FINISHES TO MATCH EXISTING WHERE EACH MECHANICAL, ELECTRICAL OR ARCHITECTURAL COMPONENT IS REMOVED, ADDED OR REPLACED.
- 4. VERIFY ALL PAINT COLOR SELECTIONS WITH ARCHITECT MANAGER PRIOR TO APPLICATION.
- 5. CORE DRILL/SAWCUT/DISPOSE/TRENCH EXISTING ASPHALT PAVING, CONCRETE PAVING, GRADE AND BUILDING/SITE CONSTRUCTION AS REQUIRED FOR NEW SCOPE OF WORK AS SHOWN ON DRAWINGS. PATCH, REPAIR, REPLACE & PAINT ASPHALT PAVING, CONCRETE PAVING, GRADE AND BUILDING/SITE CONSTRUCTION AS REQUIRED TO MATCH EXISTING, FLUSH WITH ADJACENT EXISTING CONDITION, SEE SPECIFICATIONS. PROVIDE RE-STRIPPING AND/OR MODIFY AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. VERIFY NEW STRIPING WITH DISTRICT PROJECT MANAGER PRIOR TO APPLICATION.
- 6. CUT, CAP AND MODIFY EXISTING IRRIGATION SYSTEM AND REMOVE PLANTING AS REQUIRED BY NEW CONSTRUCTION. REPLANT TO PREVIOUS CONDITION.
- 7. DRILL/DIG/TRENCH AS REQUIRED AT EACH PLANTING AREA TO PERFORM SCOPE OF WORK. REPLACE EXISTING GROUND AND GROUND COVER TO MATCH EXISTING.
- 8. SUCCESSFUL BIDDER SHALL REQUEST THE DISTRICT TO FURNISH A SET OF AVAILABLE "RECORD DRAWINGS". CONTRACTOR SHALL USE DRAWINGS AS GENERAL GUIDELINE TO GENERALLY LOCATE EXISTING UNDERGROUND UTILITY LINES (ELECTRIC CONDUITS, PIPING, SPRINKLER LINES, SEWER LINES, ETC.). CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL LINES IN FIELD PRIOR TO TRENCHING. USE ELECTRONIC LOCATING DEVICES, USE DIG ALERT SERVICE, ETC. INCLUDE THIS LOCATING WORK IN BID. BE RESPONSIBLE FOR REPAIRING ANY DAMAGED LINES.
- 9. SEAL AND CAULK AS REQUIRED AT ALL PENETRATIONS.
- 10. CONCEAL ALL CONDUITS AND BOXES IN CEILING, ATTIC SPACE OR WALLS.
- 11. VERIFY CONDUIT STUB UP AREAS OUTSIDE ALL BUILDINGS AND STUB UP AT BEST AREAS TO AVOID EXISTING WINDOWS, VENTS, ETC. PERFORM THE NECESSARY DEMOLITION WORK WITH GREAT CARE AND WITH SMALL
- 12. TOOLS IN ORDER NOT TO JEOPARDIZE EXISTING STRUCTURE AND EQUIPMENT TO REMAIN.
- 13. USE HAND TOOLS TO REMOVE SOIL, PAVING AND OTHER CONSTRUCTION WORK, WITHIN 15 INCHES OF EXISTING BUILDINGS.
- 14. COORDINATE THE DEMOLITION WORK AND NEW CONSTRUCTION TO PERMIT CONTINUED OPERATION OF ALL FACILITIES NECESSARY TO BE KEPT IN OPERATION.
- 15. PROVIDE ALL NECESSARY SHORING WHEREVER NEW CONSTRUCTION WORK CAN JEOPARDIZE EXISTING STRUCTURES.
- 16. REMOVE EXISTING CONSTRUCTION TO THE BASE OF MATERIALS TO THE EXTENT NECESSARY FOR THE INSTALLATION OF NEW WORK.

ELECTRICAL SYMBOLS

	DUDUEV DECEDTACLE	4051/ 00	AAAD NENAA C	00D 40" TO 5	OTTOM OF BOY HOLD
Θ	DUPLEX RECEPTACLE:	125V., 20 A	AMP., NEMA 5	-20R. +18" IO E	OTTOM OF BOX U.O.N.

MOUNTED WEATHERPROOF DUPLEX RECEPTACLE, GFI TYPE NEMA 5-20R. +18" TO BOTTOM OF BOX U.O.N.

O-OR II- GROUND ROD IN GROUND YARD BOX. PANELBOARD. OR TRANSFORMER. MAIN SERVICE SWITCHBOARD. A-1,3,5

CONDUIT: EXPOSED IN UNFINISHED AREA; CONCEALED ABOVE CEILING OR IN WALL

IN FINISHED AREAS. CONDUIT: IN OR BELOW FLOOR OR BELOW GRADE.

3/4"C,3#12&1#12G. 3/4"C,4#12&1#12G. 3/4"C,5#12&1#12G.

——1C—— 3/4"C, 3#12 & 1#12G. (CLOCK).

UNLESS OTHERWISE NOTED.

3/4"C,2#12&1#12G.

PANEL DESIGNATION, LETTER IDENTIFIES THE PANEL

HOMERUN TO PANEL "A", CIRCUITS 1, 3, 5.

EXISTING. CONDUIT ONLY WITH #12 PULL WIRE

ABOVE FINISHED FLOOR.

(CAC), Part 1. Title 24 C.C.R.

(CEC), Part 3, Title 24 C.C.R.

(CMC), Part 4, Title 24 C.C.R.

(CPC), Part 5, Title 24 C.C.R.

(CFC), Part 9, Title 24 C.C.R.

(CFC), Part 10, Title 24 C.C.R.

(CFC), Part 11, Title 24 C.C.R.

Part 12, Title 24 C.C.R.

Part 6, Title 24 C.C.R.

PHASE

ABOVE FINISHED FLOOR. WEATHERPROOF.

POLE G OR GND GROUND. VOLTS OR VOLTAGE.

PULLBOX.

DUAL CAT-6 DATA OUTLET.

CEILING MOUNT DATA OUTLET FOR WI-FI.

CLOCK. PROVIDED BY THE SCHOOL DISTRICT.

6 FIBER MULTI-MODE FIBER OPTIC CABLE, W.P. TYPE.

CLASS CHANGE BELL CABLE, 2#12 & 1#12G.

CLOCK CABLE, 3#12 & 1#12G.

RG6 TV CABLE IN 3/4"C.

WET LOCATION TYPE, DATA CAT 6 CABLE.

CODES, STANDARDS & GUIDES

<u>List of 2016 California Code of Regulations (C.C.R.)</u> Applicable Codes Effective January 1, 2017:

2016 California Building Standards Administrative Code, 2016 California Building Code,

(CBC), Part 2, Title 24 C.C.R. Volumes 1 & 2, 2017 Los Angeles Building Code

(Based on 2015 Edition International Building Code with 2016 California Amendments)

2016 California Electrical Code

(Based on 2014 National Electrical Code with 2017 California Amendments)

2017 California Mechanical Code.

(Based on 2015 IAPMO Uniform Mechanical Code with 2016 California Amendments) 2016 California Plumbing Code,

(Based on 2015 IAPMO Uniform Plumbing Code with 2016 California Amendments) 2016 California Energy Code,

(Based on 2015 Edition California Energy Commission Building Energy Efficiency Standards) 2016 California Fire Code,

(Based on 2015 International Fire Code with 2016 California Amendments) 2016 California Existing Building Code,

(Based on 2015 International Existing Building Code with 2016 California Amendments) 2016 California Green Building Standards Code,

2016 California Reference Standards, (Partial List - See CBC Chapter 35 and CFC Chapter 45)

Applicable Standards and Guide: Installation of Sprinkler System (California Amendments)

2016 Edition NFPA 13 2016 Edition NFPA 14

2017 Edition NFPA 17 2016 Edition NFPA 17A

2016 Edition NFPA 20 2016 Edition NFPA 24 2016 Edition NFPA 72

Wet Chemical Extinguishing Systems Installation of Stationary Pumps for Fire Protection Installation of Private Fire Service Mains and Their Appurtenances National Fire Alarm Code (California Amended)

Installation of Standpipe and Hose Systems

Dry Chemical Extinguishing Systems

(Note see UL Standard 1971 for "Visual Devices") 2015 Edition NFPA 253 Critical Radiant Flux of Floor Covering Systems 2012 Edition NFPA 2001 Clean Agent Fire Extinguishing Systems

Federal Codes and Standards:

Americans with Disabilities Act (ADA), Title II or Title III

Title II: Uniform Federal Accessibility Standards (UFAS) or ADA Standards for Accessible Design (Appendix A of 28 CFR, Part 36).

Title III: ADA Standards for Accessible Design (Appendix A of 28 CFR, Part 36)

FIRE ALARM SYSTEM DESCRIPTION

FIRE ALARM WORK CONSISTS OF INSTALLATION OF COMPLETE AUTOMATIC EVAC FILE ALARM SYSTEM IN THE

CHARTER VENTURA

PORTABI

21612.00 AS NOTED 1/22/2019

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SYMB(CODE

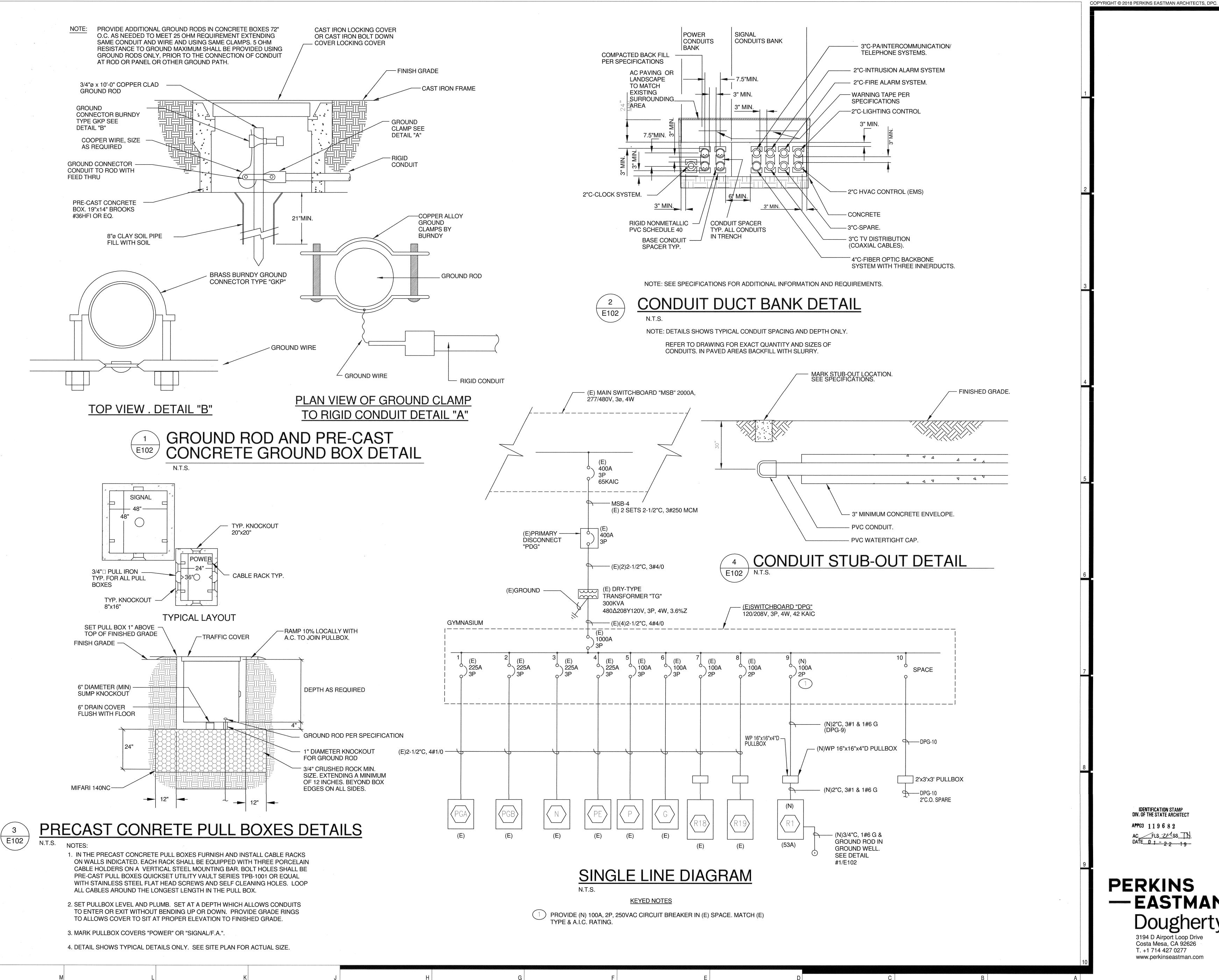
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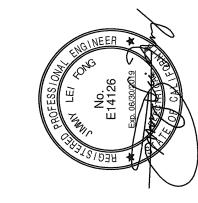
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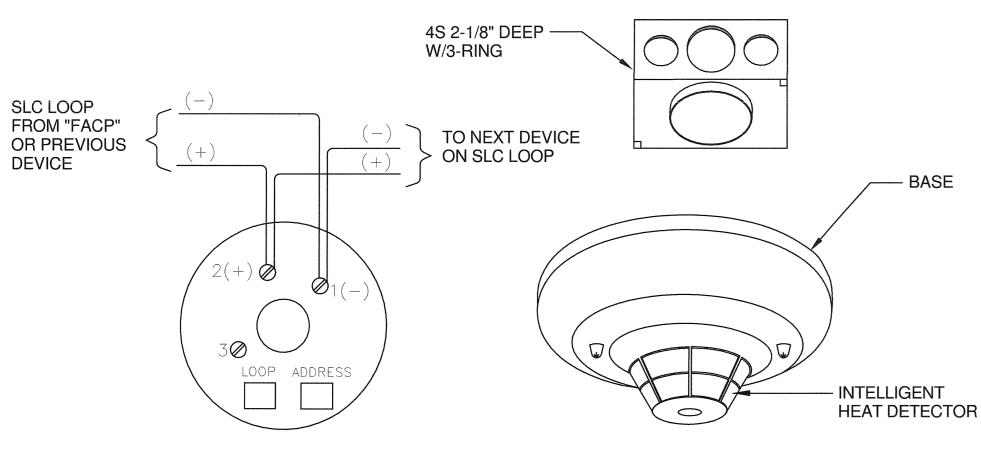


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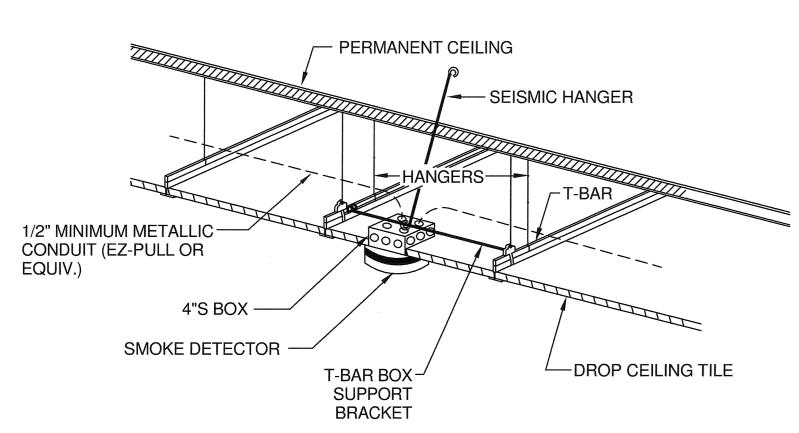
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TYPICAL SPEAKER, SPEAKER/STROBE WIRING DIAGRAM

DEVICE



HEAT DETECTOR



TYPICAL SMOKE CEILING MOUNT **INSTALLATION DETAIL**

GENERAL FIRE ALARM NOTES

1. THE SYSTEM SHALL CONFORM TO CALIFORNIA CODE OF REGULATIONS (CCR) TITLES 19 & 24 AS APPLICABLE TO THIS PROJECT

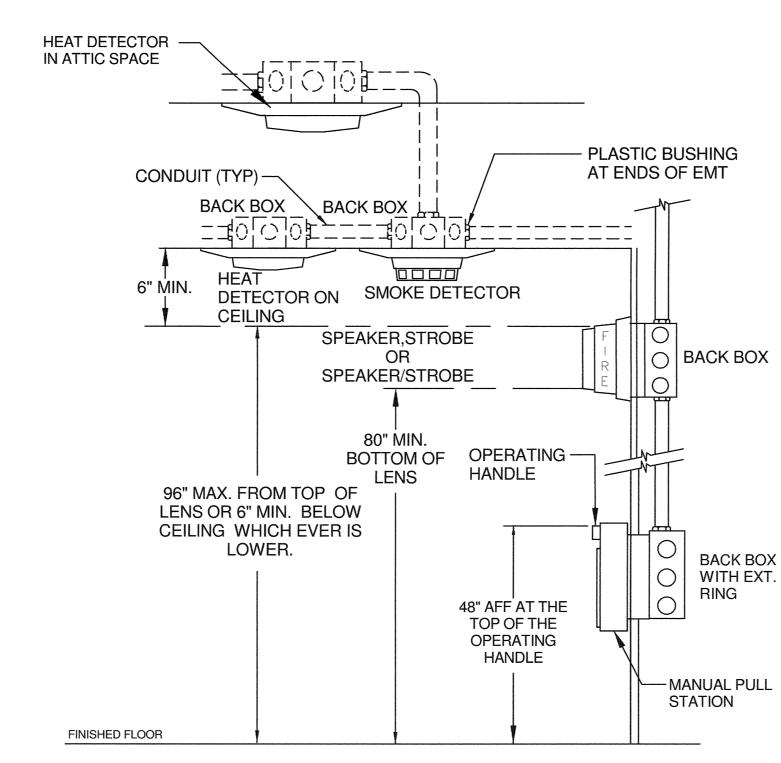
PRESENCE OF AND IN A MANNER ACCEPTABLE TO DSA/IOR. CONTRACTOR TO SUPPLY NECESSARY TESTING EQUIPMENT INCLUDING A "DECIMETER" TO CHECK ACCEPTABLE NOISE LEVELS OF AUDIBLE DEVICES, PROVIDE TEST RESULTS PER NFPA 72 TO ARCHITECT, DSA, INSPECTOR OF RECORD, OWNER AND TO THE LOCAL FIRE

3. PENETRATIONS OF ALL FIRE-RATED WALLS SHALL BE PROTECTED IN ACCORDANCE WITH THE CALIFORNIA BUILDING CODE, PART 2, PROVIDE DETAILS AND DESIGN

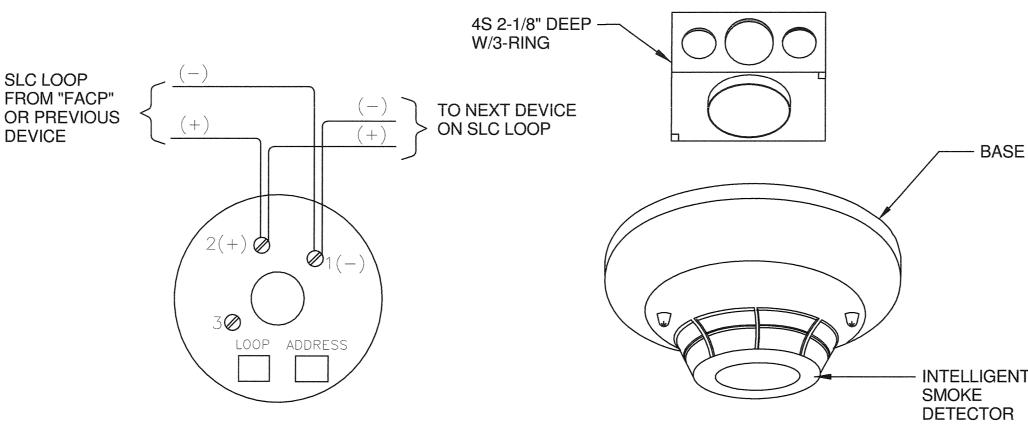
4. RECORD RECEIPT OF ALL SIGNALS TO CENTRAL STATION MONITOR.

5. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR A CHANGE ORDER APPROVED BY THE OFFICE OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

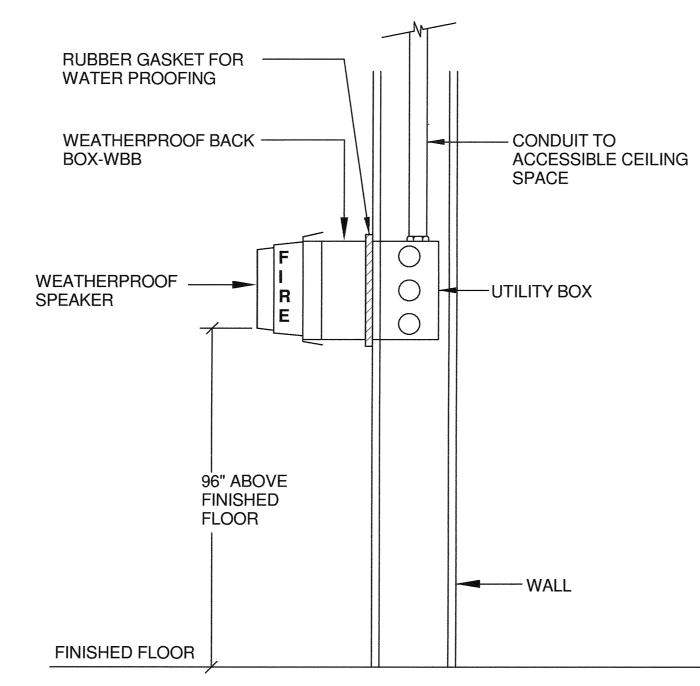
6. A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE OFFICE OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.



SPEAKER/STROBE, STROBE HEIGHT REQUIREMENTS



SMOKE DETECTOR



EXTERIOR WEATHERPROOF SPEAKER MOUNTING DETAIL

NOTE: MOUNT EXTERIOR WEATHERPROOF HORN AT +96" FROM FINISHED FLOOR TO BOTTOM OF DEVICE.

FIRE ALARM SYSTEM DESCRIPTION

FIRE ALARM WORK CONSISTS OF INSTALLATION OF COMPLETE FULLY AUTOMATIC ADDRESSABLE FIRE ALARM SYSTEM WITH VOICE EVAC IN NEW MODULAR. BUILDINGS R1. (E) VOICE EVAC PANEL IS NETWORKED WITH (E)FCI 7100 FACP.

FIRE ALARM SYMBOLS

NOTE: FURNISHED ALL FIRE ALARM DEVICES PER SPECIFICATION.

FIRE ALARM SPEAKER WITH STROBE LIGHT, CANDELA RATING AS INDICATED. +80" TO TOP OF LENS OR +96" TO BUTTOM OF STROBE LIGHT. "A" DENOTES AUDIBLE FIRE ALARM SIGNAL CIRCUIT AND "V"

EXTERIOR W.P. FIRE ALARM SPEAKER. "A1-1" DENOTES AUDIBLE FA SIGNAL CIRCUIT NUMBER.

DENOTES VISUAL FIRE ALARM SIGNAL CIRCUIT. "110cd" DENOTES CANDELA RATING.

ADDRESSABLE SMOKE DETECTOR, PHOTOELECTRIC TYPE. "S1-1" DENOTES LOOP DETECTOR IDENTIFICATION NUMBER.

ADDRESSABLE HEAT DETECTOR MOUNTED ON CEILING. "S1-1" DENOTES LOOP IDENTIFICATION NUMBER.

JUNCTION BOX.

#OF DEVICE

JUNCTION BOX: MOUNTED IN ATTIC SPACE OR UNDER CANOPY.

CONDUIT: EXPOSED IN UNFINISHED AREA; CONCEALED ABOVE CEILING OR IN WALL IN

CONDUIT: IN OR BELOW FLOOR OR BELOW GRADE.

CONDUIT ONLY WITH #12 PULL WIRE.

UNLESS OTHERWISE NOTED.

FIRE ALARM TERMINAL CABINET WITH TERMINAL STRIPS. 24"x24"x6"D U.O.N.

WEATHERPROOF.

ABOVE FINISHED FLOOR.

POWER EXTENDER.

CIRCUIT BREAKER.

END OF LINE RESISTOR.

3/4"CONDUIT WITH 8#12

FIRE ALARM CONTROL PANEL

FIRE ALARM SIGNALLING LINE CIRCUIT.

FIRE ALARM CABLE AND WIRING

——— A——— 3/4" CONDUIT WITH ONE "A" CABLES.

— A,V — 3/4" CONDUIT WITH ONE "A" CABLE & ONE "V" CABLE.

1" CONDUIT WITH ONE "FW" CABLE, ONE "A" CABLE, & ONE "V" CABLE.

3/4" CONDUIT WITH 2#12.

——///— 3/4" CONDUIT WITH 4#12.

3/4"CONDUIT WITH 6#12.

"WEST PENN" NO. AQ225, 2 PAIR #16 NON-SHIELDED - FIRE ALARM ADDRESSABLE LOOP (WET LOCATION TYPE).

2#12 THWN (VISUAL/STROBE) CABLE (WET LOCATION TYPE).

"WEST PENN" NO. AQC295, 2#14 AUDIO CABLE (WET LOCATION TYPE).

GENERAL NOTES

- THE FIRE ALARM SYSTEM SHALL CONFORM TO ARTICLE 760 OF THE CALIFORNIA ELECTRICAL CODE, CURRENT CALIFORNIA TITLE 24 REQUIREMENTS, CALIFORNIA FIRE CODE, NFPA 72 AND 101 STANDARDS, AMERICAN WITH DISABILITY ACT (ADA) REQUIREMENTS
- 2. SPECIFIC COMPONENTS ON CATALOG CUT SHEETS MUST BE HIGHLIGHTED OR
- 3. CONTRACTOR SHALL INSTALL AND FURNISH A COMPLETE ADDRESSABLE FIRE ALARM SYSTEM, INCLUDING BUT NO LIMITED TO WIRING, CONDUITS AND DEVICES REQUIRED FOR SATISFACTORY OPERATION OF SYSTEM.
- 4. THE FA SYSTEM SHALL PASS TESTS REQUIRED BY LOCAL FIRE DEPARTMENTS. INCLUDING CHIEF'S REGULATION NO. 4 PROGRAM REQUIRED BY CITY OF LOS ANGELES FIRE DEPARTMENT AND ADMINISTERED BY W.U.H.S.D. A REGULATION 4 TEST CAN BE SCHEDULED BY HAVING ELECTRICAL INSPECTOR
- 5. ALL EXPOSED CONDUITS AND BOXES SHALL BE PAINTED TO MATCH THE SURFACES WHERE INSTALLED.
- REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND EQUIPMENT AND MATERIALS APPROVED FOR USE UNDER THIS CONTRACT
- 7. QUANTITY OF WIRES SHOWN IN ALL CONDUITS IS FOR GENERAL GUIDELINE. SUPPLIER OF FIRE ALARM SYSTEM SHALL PREPARE CONSTRUCTION DRAWINGS SHOWING ALL NECESSARY WIRES AND SIZES OF ALL CONDUITS SHOWN. PROVIDE
- WILL BE REQUIRED THROUGHOUT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL THESE BOXES AS NECESSARY TO TERMINATE CONDUITS AND RACEWAYS. PAINT BOXES TO MATCH COLOR OF THE FINISHED BUILDING WALLS
- 9. ALL JUNCTION BOXES AND DEVICES INDICATED ON BUILDING EXTERIORS SHALL BE WEATHERPROOF TYPE.
- 10. FIRE ALARM WIRES SHALL BE COPPER TYPE THWN/THHN.
- 12. WHEN ALL FIRE ALARM DEVICES ARE INSTALLED AND PROGRAMMING IS COMPLETE. PROVIDE A FIRE ALARM DEVICE MAP IN THE SCHOOL MAIN OFFICE TO INDICATE TO SCHOOL PERSONNEL THE LOCATIONS OF THE NEW DEVICES.
- 13. JUNCTION BOXES SHALL NOT CONTAIN SPLICES. CONDUCTORS SHALL BE PULLED THROUGH. TERMINATIONS SHALL BE PERFORMED.
- 14. "LABEL DESCRIPTIONS" INDICATING DEVICE TYPES AND LOCATIONS THAT ARE DISPLAYED ON THE FIRE ALARM LCD. DISPLAY SHOULD BE CLEAR EASILY UNDERSTOOD BY THE OFFICE STAFF. DESCRIPTIONS SHOULD BE BASED ON THE STAFF'S UNDERSTANDING OF THE SITE AND NOT ON INFORMATION TAKEN FROM PRINTS.

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VENTURA CHARTER

AS NOTED 1/22/2019

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E ALARM SYMBC TES & DETAILS FIRE NOTE

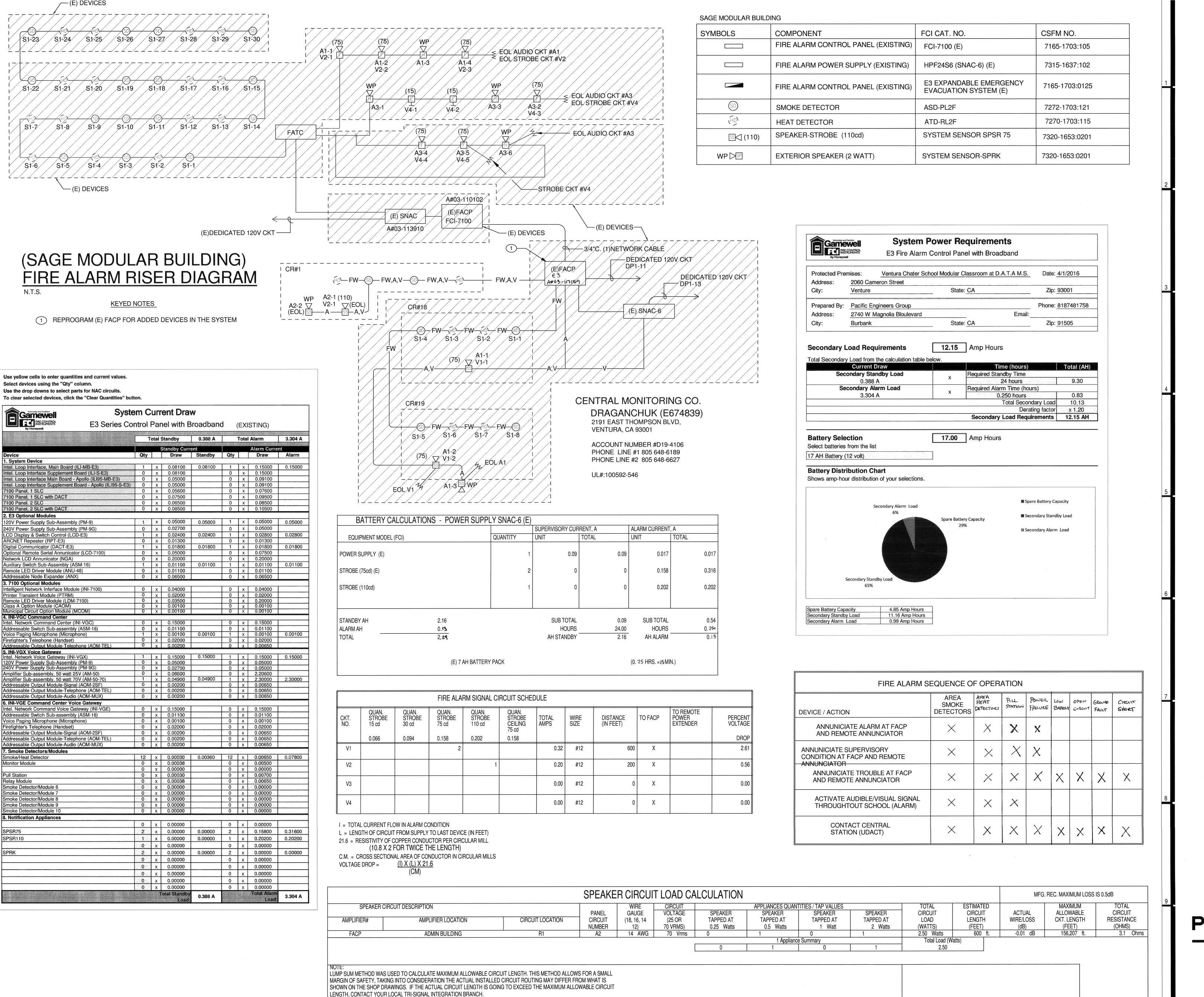
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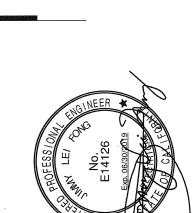
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VENTURA UNIFIED SHCOOL DISTRICT
2060 CAMERON STREET
VENTURA, CALIFORNIA 93001

AS NOTED

1/22/2019

E ALARM RISER DIAGRA

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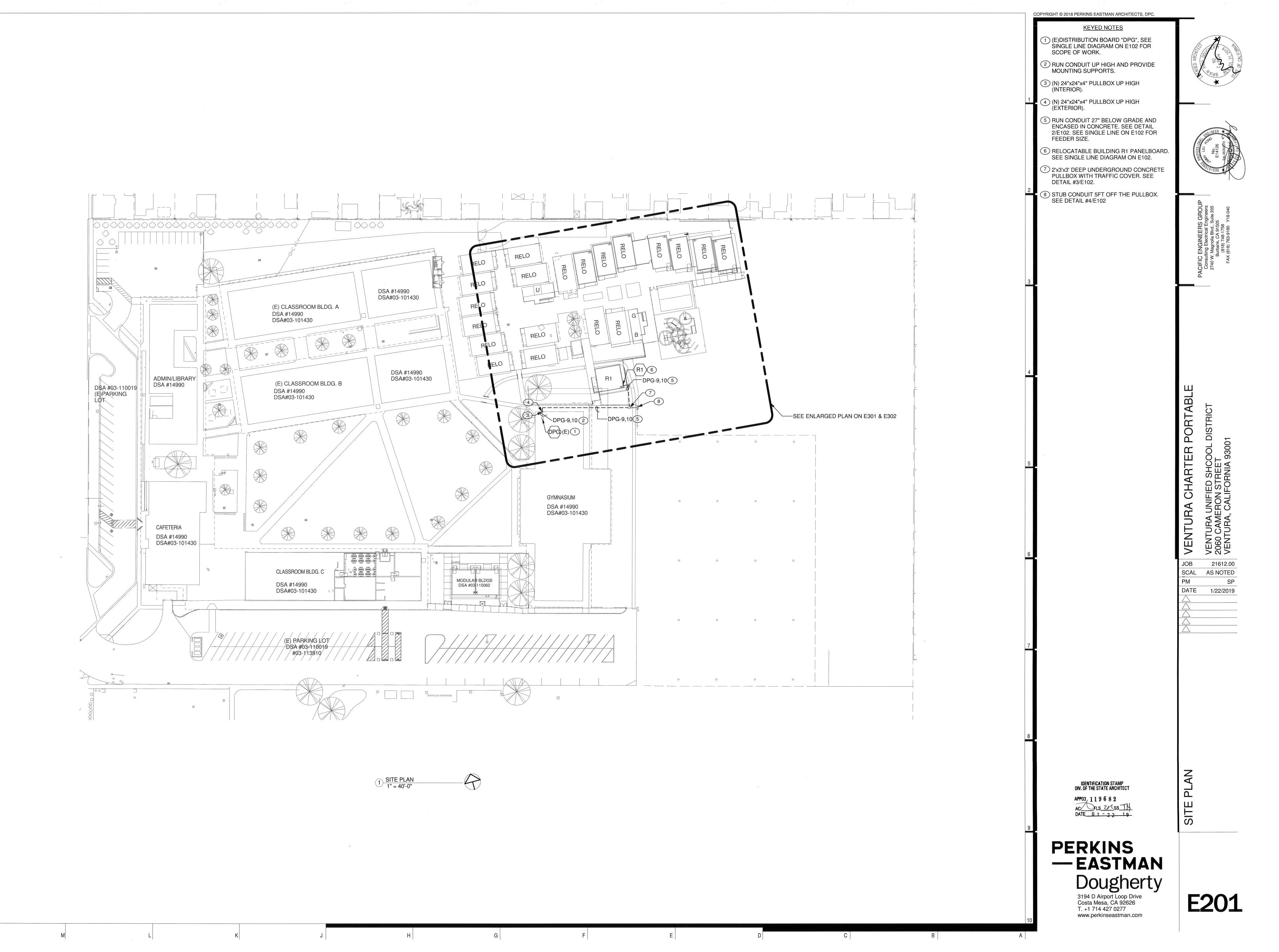
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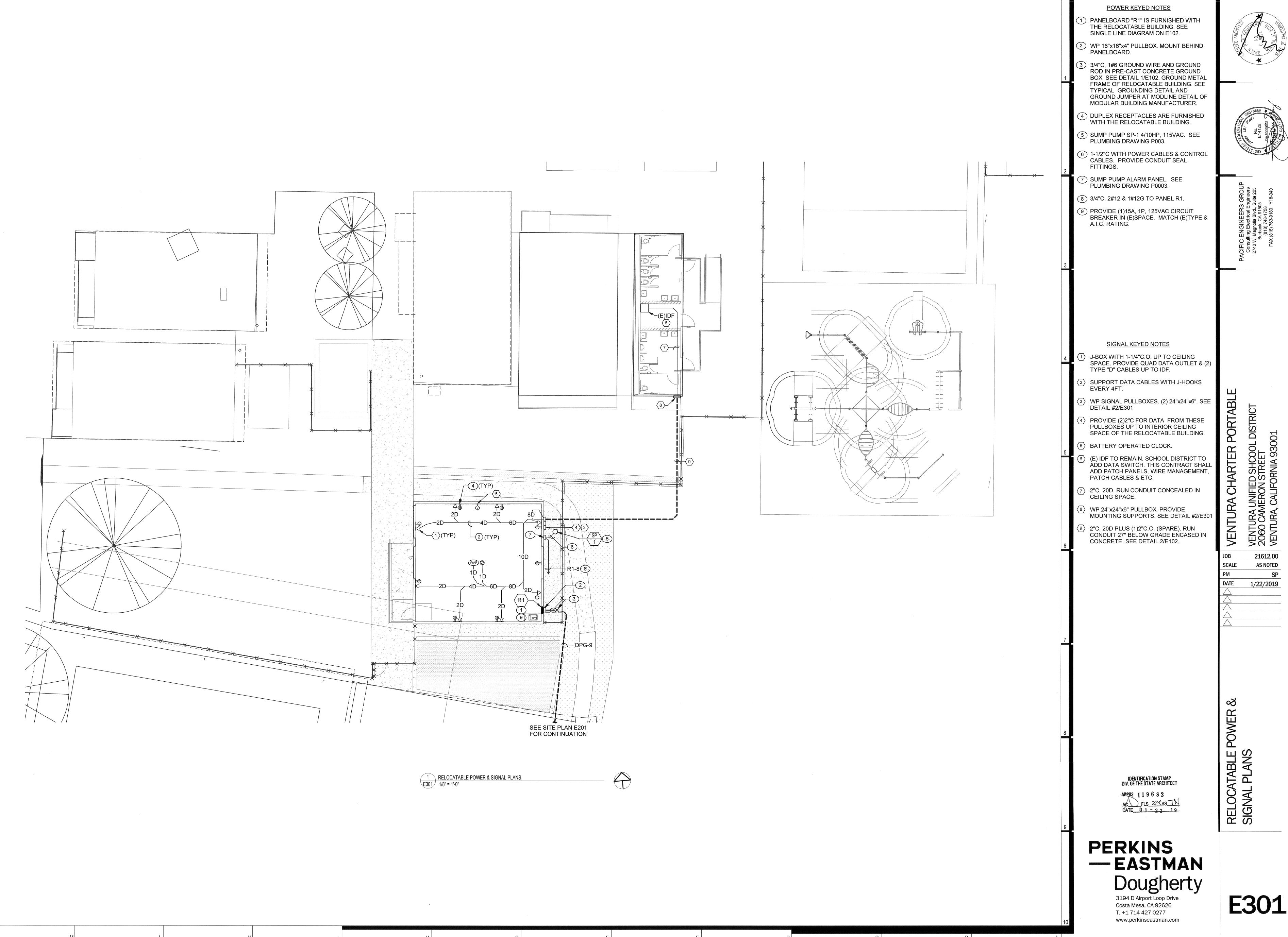
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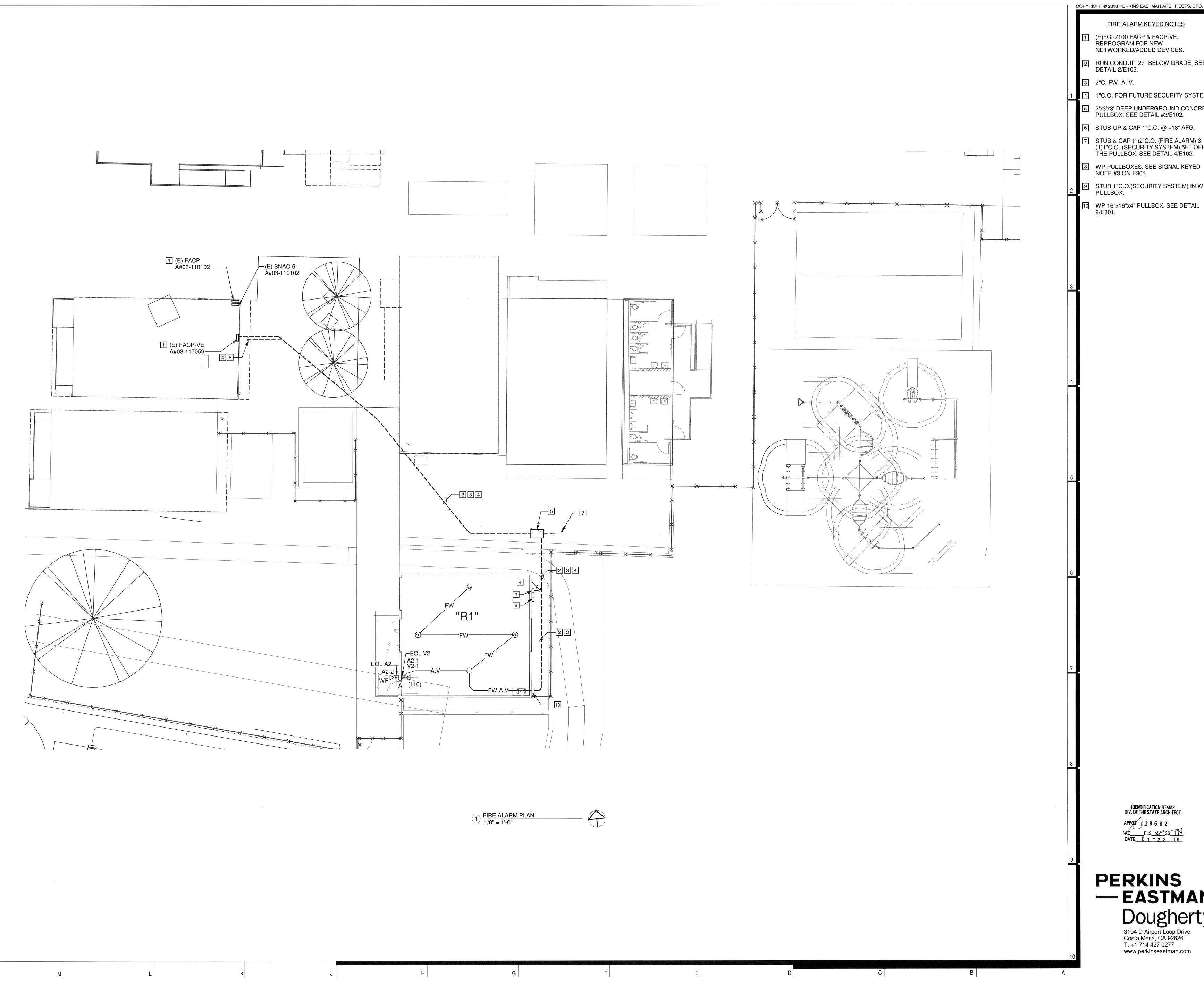
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(E)FCI-7100 FACP & FACP-VE.
 REPROGRAM FOR NEW
 NETWORKED/ADDED DEVICES.

2 RUN CONDUIT 27" BELOW GRADE. SEE

4 1"C.O. FOR FUTURE SECURITY SYSTEM.

5 2'x3'x3' DEEP UNDERGROUND CONCRETE PULLBOX. SEE DETAIL #3/E102.

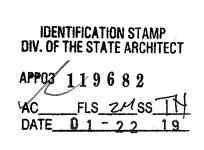
6 STUB-UP & CAP 1"C.O. @ +18" AFG.

7 STUB & CAP (1)2"C.O. (FIRE ALARM) & (1)1"C.O. (SECURITY SYSTEM) 5FT OFF THE PULLBOX. SEE DETAIL 4/E102.

8 WP PULLBOXES. SEE SIGNAL KEYED

9 STUB 1"C.O.(SECURITY SYSTEM) IN WP

10 WP 16"x16"x4" PULLBOX. SEE DETAIL



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MODULAR CLASSROOM BUILDINGS

BY

SILVER CREEK INDUSTRIES, INC.

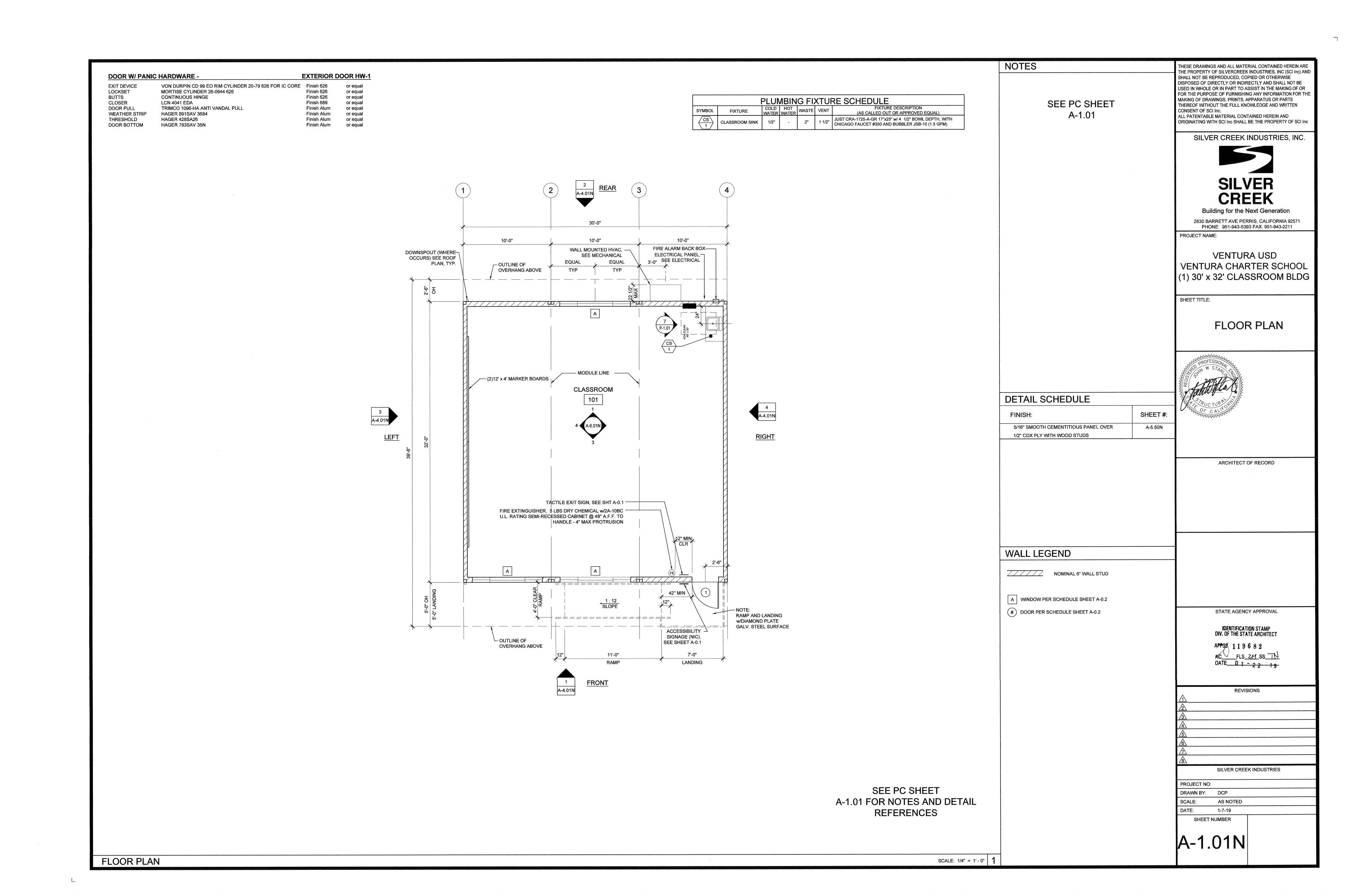
PHONE: (951) 943-5393 FAX: (951) 943-2211

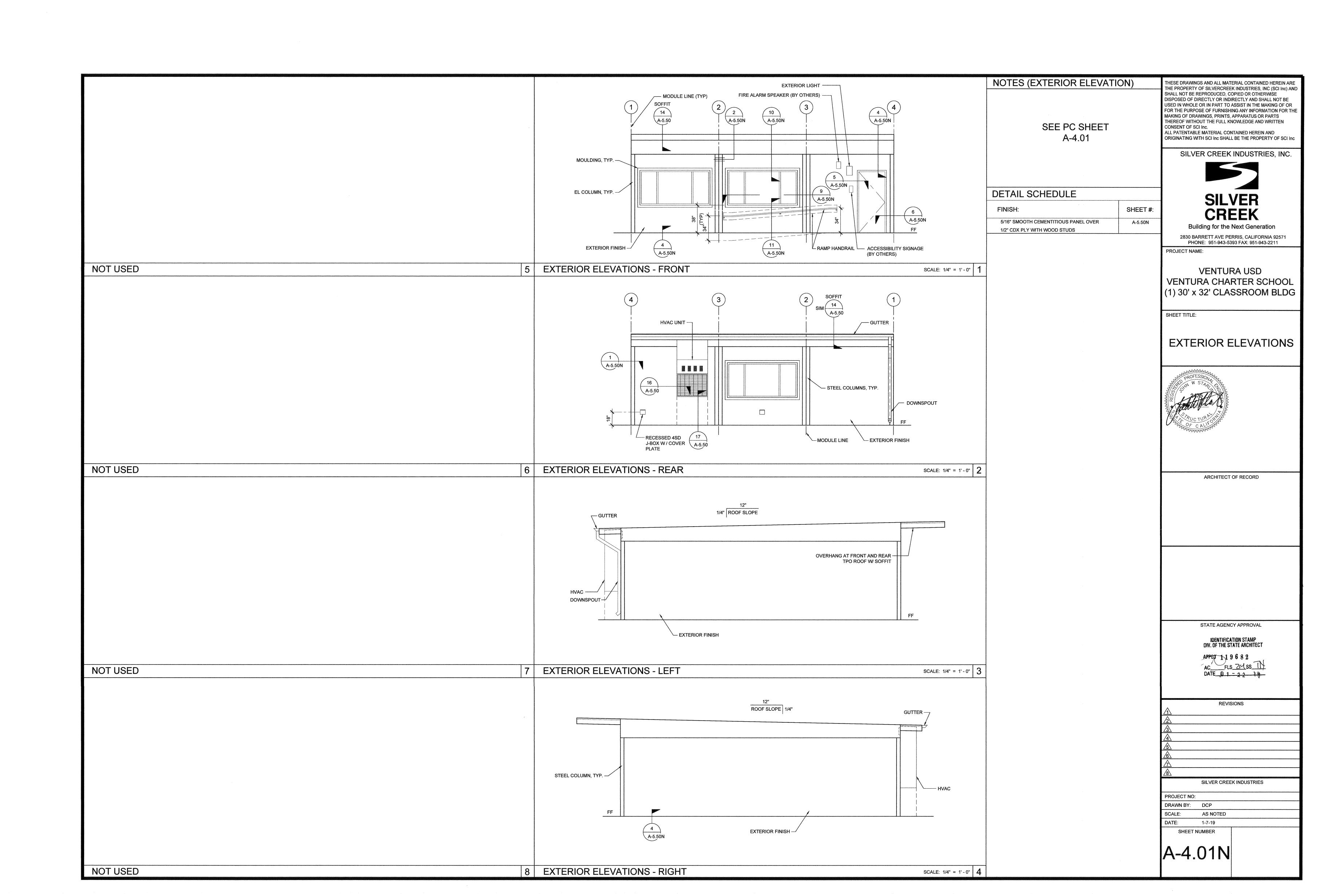
VENTURA USD VENTURA CHARTER SCHOOL (1) 30' x 32' CLASSROOM BLDG.

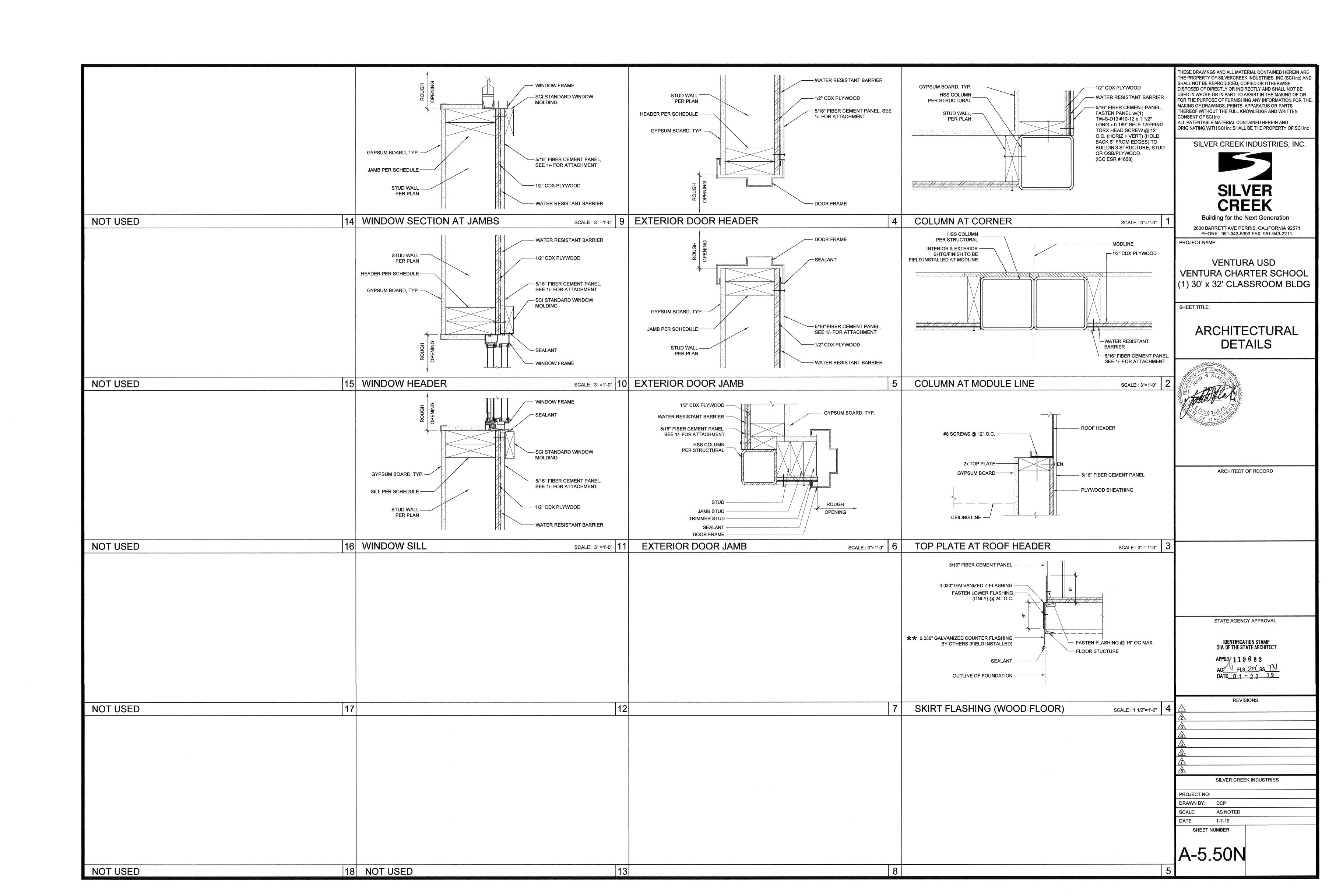
GENERAL NOTES	BUILDING DATA			
	NUMBER OF STORIES:	1 - STORY		
	OCCUPANCY:			
	TYPE OF CONSTRUCTION:			
	FLOOR LIVE LOAD:	V-B 50+15 PSF PARTITION LOAD		
	ROOF LIVE LOAD:	20 PSF		
	FLOOR DEAD LOAD:	WOOD FLOOR - 11 PSF		
		13.5 PSF (INCLUDING SPRINKLER LOAD AND 1 PSF S		
	ROOF DEAD LOAD:	OLAR LOAD)		
SEE PC SHEET	RAMP LIVE LOAD:	100 PSF		
	BUILDING AREA:	30'x32' BLDG - 960 SF		
A-0	ALLOWABLE AREA: 9,000 S.F.			
	FOUNDATION:	* SEE S-0.1 FOR REPORT REQU		
	CEC CLIMATE ZONE:	WOOD REPORT REQU	IKEMENI	
	ALLOWABLE SOIL			
	DL (WOOD FOOTING)	FILOSOILE	1,000 psf	
	DL + LL (WOOD FOOTING - 1,0	IND PSE MAX)		
			1,000 psf	
	DL + LL + SNOW (WOOD FOOT		1,000 psf	
	DL + LL + SEISMIC (WOOD FO		1,000 psf	
	DL + LL (CONCRETE FOOTING		1,500 psf	
	DL + LL + SEISMIC (CONCRETI	•	1,500 psf	
	ROOF SNOW LOAD			
	GROUND SNOW LOAD, Pg FR	0		
	ROOF SNOW LOAD: FLAT P_f OR \square LOW-SLOW, P_m OR \square SLOPED, P_s			
	SNOW EXPOSURE FACTOR C_S			
	SNOW IMPORTANCE FACTOR	I I _s	1.0	
	THERMAL FACTOR C,		-	
APPLICABLE STANDARDS	FLOOD DESIGN		<u> </u>	
	FLOOD HAZARD AREA	YES NO NO		
	WIND DESIGN			
SEE PC SHEET	BASIC WIND SPEED (3 SECOND GUST) Vult			
A-0	RISK CATEGORY		l II	
Λ-0	WIND EXPOSURE CATEGORY		С	
	TOPOGRAPHIC FACTOR KZ		1	
ADDLICADLE CODEC	SEISMIC DESIGN			
APPLICABLE CODES	LATERAL FORCE-RESISTING	SYSTEM	OMF	
	ANALYSIS PROCEDURE		ATERAL FORCE	
	SEISMIC DESIGN CATAGORY		E	
	SEISMIC IMPORTANCE FACTO			
			1.0	
	SEISMIC RESPONSE COEFFIC	S	0.380	
	RESPONSE MODIFICATION CO	JEFFICIEN I K	3.5 D	
SEE PC SHEET	SITE CLASS MAPPED SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD S _S USED TO DETERMINE PARAMETERS & NON-STRUCTURAL COMPONENT ANCHOR			
A-0	(NO CAP) SHORT PERIOD SITE COEFFIC		1.0	
		SE ACCELERATION AT SHORT PERIOD S _{DS}		
	USED TO DETERMINE C _s (WI	TH CAP PER CBC, SECTION 1616A 1.12)	1.33	
		SE ACCELERATION AT SHORT PERIOD S _{DS} PARAMETERS & NON-STRUCTURAL COMPONENT	1.90	
	ANCHOR (NO CAP)			
	ANCHOR (NO CAP) MAPPED SPECTRAL RESPONS	SE ACCELERATION AT 1-SECOND PERIOD S ₁	2.0	
	ANCHOR (NO CAP) MAPPED SPECTRAL RESPONS LONG PERIOD SITE COEFFICE	SE ACCELERATION AT 1-SECOND PERIOD S_1 ENT, F_V	2.0	
	ANCHOR (NO CAP) MAPPED SPECTRAL RESPONS LONG PERIOD SITE COEFFICE	SE ACCELERATION AT 1-SECOND PERIOD S_1 ENT, F_V SE ACCELERATION AT 1-SECOND PERIOD S_{D1}	2.0	

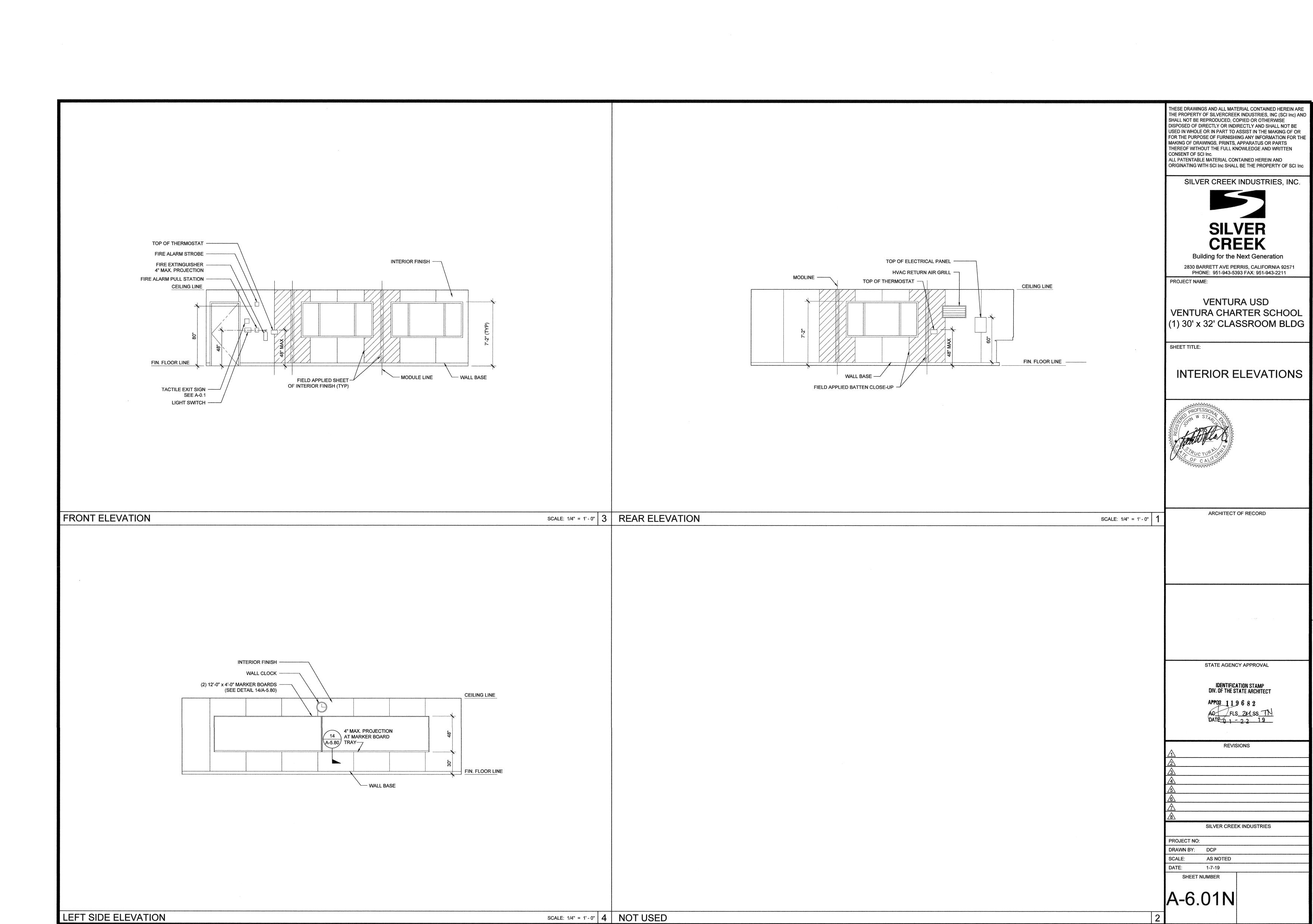
	NOTE; THIS BUILDING IS DESIGNED TO MEET THE REQUIREMENTS OF CBC CHAPTER 7A FOR USE IN A FIRE HAZARD SEVERITY ZONE AND/OR A WILDLAND-URBAN INTERFACE ZONE. COMPLIANCE WITH THE REQUIREMENTS OF CBC CHAPTER 7A ARE OUTLINED BELOW.
	CHAPTER 7A REQUIREMENTS:
	705A ROOFING 705A.1 - ROOF IS CLASS 'A' 705A.2 - NOT APPLICABLE. NO VOIDS OCCUR, ROOF IS APPLIED DIRECTLY. 705A.3 - NOT APPLICABLE. 705A.4 - LEAF GUARDS/COVERS SHALL BE PROVIDED AT ALL GUTTERS.
	706A VENTS 706A.2 - THE VENTS ARE CORROSION RESISTANT WIRE MESH WITH A CLEAR OPENING NOT EXCEEDING 1/8" (SEE NOTE 7 ON SHEET F-0.02).
	707A EXTERIOR COVERINGS
	707A.3 - EXTERIOR WALL FINISH IS 5/16" FIBERCEMENT HARDIPANEL (PER CASFM LISTING 8140-2026.0001) 707A.4 - NOT APPLICABLE. 707A.5 - SOFFIT FINISH IS THE SAME AS THE WALL FINISH. 707A.6 - NOT APPLICABLE. 707A.7 - NOT APPLICABLE. 707A.8 - NOT APPLICABLE.
	708A EXTERIOR DOORS AND WINDOWS 708A.2 - EXTERIOR GLAZING IS TEMPERED. 708A.3 - EXTERIOR DOORS ARE NON-COMBUSTIBLE (HOLLOW METAL).
	709A - THE WALKING SURFACE OF THE RAMP AND LANDING IS NON-COMBUSTIBLE DIAMOND PLATE.
	710A - NOT APPLICABLE.
L	

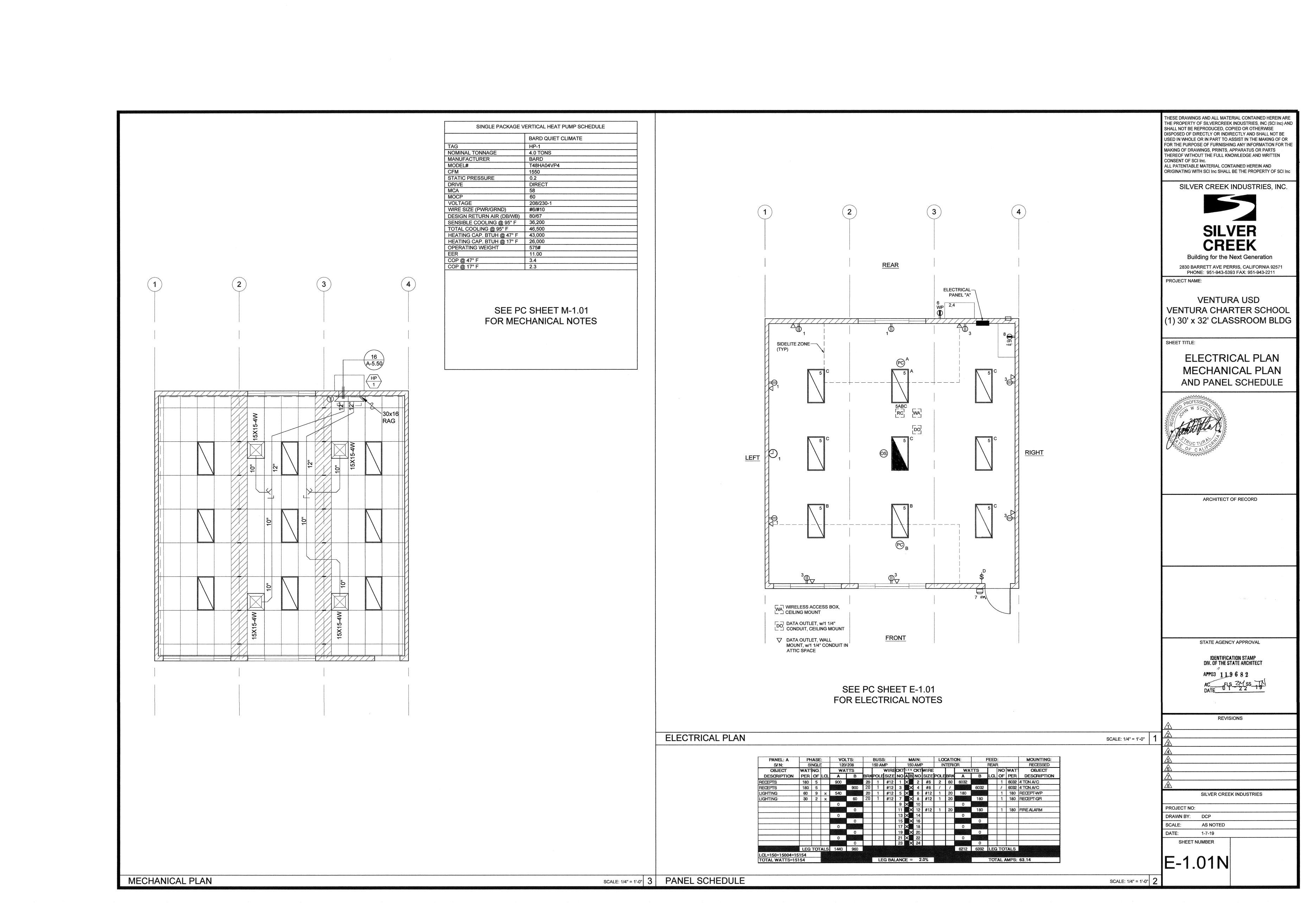
	PROJECT SPECIFIC	SHEET INDEX	PC-04-116671	THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE
SHT NO.	ARCHITECTURAL	SHT NO.		THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE
A-0N A-1.01N	COVER SHEET FLOOR PLAN		COVER SHEET T & I FORMS	USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE
A-4.01N A-5.50N	EXTERIOR ELEVATIONS ARCHITECTURAL DETAILS		BUILDING OPTIONS SCHEDULE SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE	MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN
A-6.01N E-1.01N	INTERIOR ELEVATIONS ELECTRICAL PLAN - MECHANICAL PLAN AND SCHEDULE	A-0.2	SCHEDULES TYPICAL KEY PLANS - 30' TO 110' x 32'	CONSENT OF SCI Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND
L-1.0114	LECOTROAL FEAT WEST ARROAL FEAT AND SOFTED SEE	A-0.5A	ENERGY CALC'S - PRF FORMS - ZONE 14 WORST CASE 30' x 32' BUILDINGS ENERGY CALC'S - PRF FORMS - ZONE 15 WORST CASE 30' x 32' BUILDINGS	ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc
		A-0.5C	ENERGY CALC'S - PRF FORMS - ZONE 16 WORST CASE 30' x 32' BUILDINGS	SILVER CREEK INDUSTRIES, INC.
		A-0.5E	ENERGY CALC'S - PRF FORMS - ZONE 15 WORST CASE 150' x 32' BUILDINGS ENERGY CALC'S - PRF FORMS - ZONE 15 WORST CASE 150' x 32' BUILDINGS	
		A-0.6A	ENERGY CALC'S - PRF FORMS - ZONE 16 WORST CASE 150' x 32' BUILDINGS ENERGY CALC'S - ELC FORMS - 30' x 32' BUILDINGS	
			ENERGY CALC'S - LTO / MCH FORMS - 30' x 32' BUILDINGS SINGLE MODULE TOILET BUILDING COMPLIANCE FORMS	CILVED
		A-0.7	DESIGN ENERGY VALUES BY ZONE & CALGREEN SPECIFICATIONS	SILVER
		A-1.01	FLOOR PLAN - 30' x 32'	CREEK
			REFLECTED CEILING PLAN - 30' x 32' CEILING DETAILS - T-GRID	Building for the Next Generation
		A-3.41	ROOF PLAN - TPO - MONO OR DUAL SLOPE - 30' x 32'	2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211
			ROOF DETAILS - TPO	PROJECT NAME:
		A-4.01	EXTERIOR ELEVATIONS - MONO OR DUAL SLOPE - 30' x 32'	VENTURA USD
			CROSS SECTION - MONO SLOPE - 0.018", B.U., TPO ROOF DECK OR PARAPET CROSS SECTION	VENTURA CHARTER SCHOOL
		A-5.50	ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING	(1) 30' x 32' CLASSROOM BLDG
		A-5.70 A-5.80	ARCHITECTURAL DETAILS - FLOOR ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS	
			ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS	SHEET TITLE:
		A-6.01	INTERIOR ELEVATIONS - 30' x 32'	
		SHT NO.	FOUNDATION	COVER SHEET
		F-0.02	WOOD FOUNDATION PLAN - 30' x 32' (50+15 PSF)	
		F-0.50	FOUNDATION DETAILS - WOOD	
		OUT NO	CTDLICTLIDAL	PROFESSION W STAD COL
		SHT NO.	STRUCTURAL STRUCTURAL SPECIFICATIONS	2475.IA
		S-1.01 S-1.50	FLOOR FRAMING PLAN - WOOD FLOOR FLOOR FRAMING DETAILS - WOOD FLOOR	Total Car
		S-2.01	ROOF FRAMING DETAILS - WOOD FLOOR ROOF FRAMING PLAN - 0.018", BUILT UP, OR TPO ROOF - MONO SLOPE ROOF FRAMING DETAILS - MONO SLOPE	PUCTURA QUE
		S-2.50 S-2.60	ROOF FRAMING DETAILS	OF CALL
		S-2.90	ROOF FRAMING DETAILS - TRUSS	
		S-3.01	BUILDING SECTION - MONO SLOPE ROOF	
		S-5.00 S-5.10	WALL FRAMING ELEVATIONS - WOOD STUDS WALL FRAMING DETAILS - WOOD STUDS	
		S-5.11	WALL FRAMING DETAILS - WOOD STUDS	ARCHITECT OF RECORD
		SHT NO.	PLUMBING	
A		P-1.01	PLUIVIDING PLUMBING DETAILS AND SCHEDULE	
		SHT NO.	MECHANICAL	
		M-0.1 M-1.01	MECHANICAL NOTES, SCHEDULES, AND DETAILS MECHANICAL PLAN - WALL MOUNT - 30' x 32'	
		SHT NO.	ELECTRICAL	
		E-1.01	ELECTRICAL PLAN AND SCHEDULE - 30' x 32'	
		SHT NO.	RAMP STANDARD RAMP PLAN	
		R-1.01 R-2.01	STANDARD RAMP PLAN RAMP DETAILS	STATE AGENCY APPROVAL
				OTATE AGENCT AFFROVAL
				IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
				APP03 119682
				AC FLS ZM SS TH
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				SILVER CREEK INDUSTRIES
				PROJECT NO:
				DRAWN BY: DCP SCALE: AS NOTED
				DATE: 1-7-19
				SHEET NUMBER
				A-0N











MODULAR CLASSROOM BUILDINGS BUILDING SIZE: 30' X 32' EXPANDABLE TO 150' X 32'

PC 04-116671

BY

SILVER CREEK INDUSTRIES, INC.

2830 BARRETT AVE, PERRIS, CALIFORNIA 9257 PHONE: (951) 943-5393 FAX: (951) 943-2211

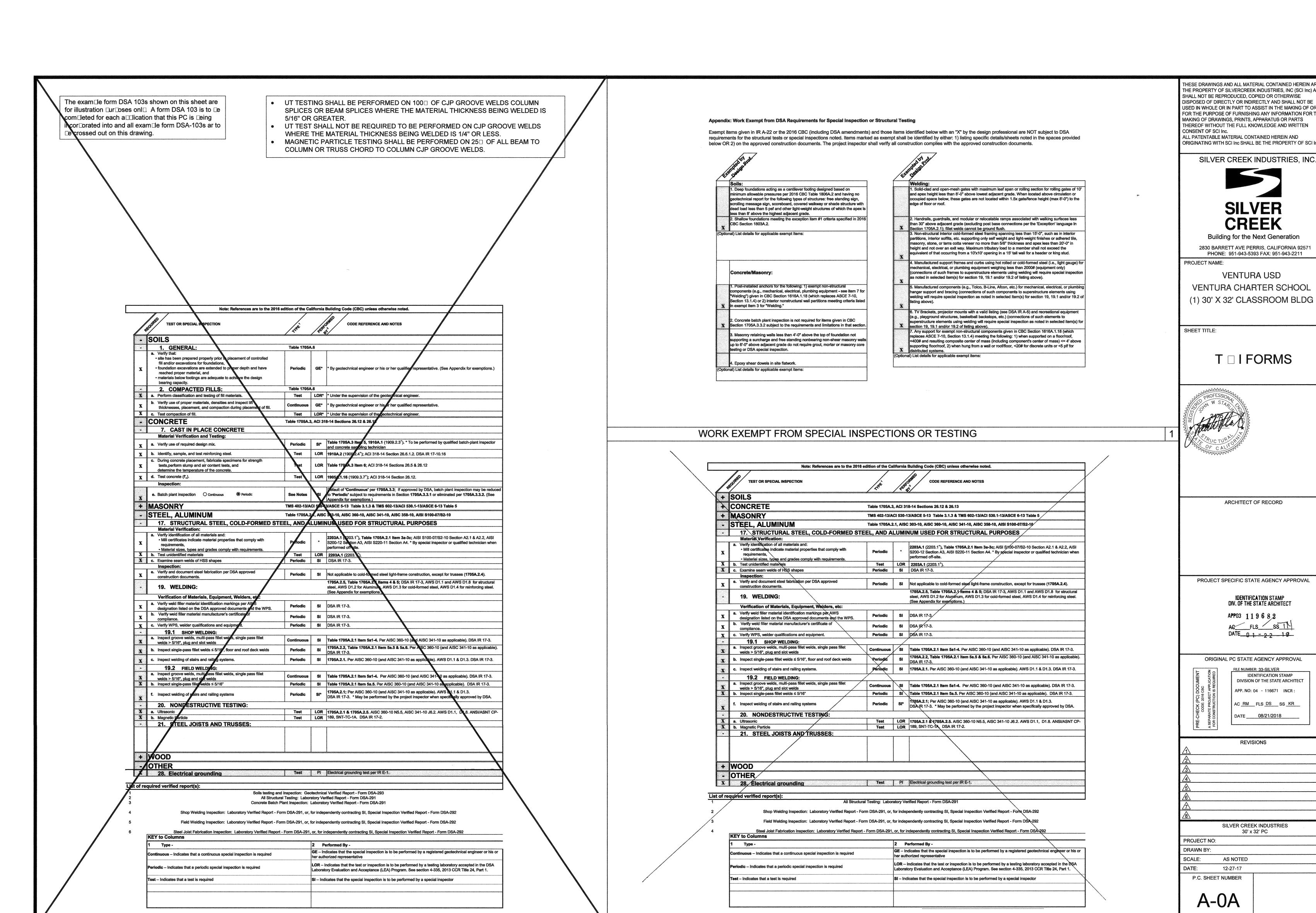
VENTURA USD VENTURA CHARTER SCHOOL (1) 30' X 32' CLASSROOM BLDG

-					
	GENERAL NOTES	BUILDING [DATA		
1.	FIRE ALARM IS NOT PART OF THIS APPROVAL	NUMBER OF STORIES:	1 - STORY		
2.	ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY ASSUMED LINE PER 2016 CBC 705.3	OCCUPANCY:	E or B		
3.	THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A	TYPE OF CONSTRUCTION:	V-B		
	FIRE SPRINKLER SYSTEM.	FLOOR LIVE LOAD:	☐ 50 PSF	I LOAD	
	PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING FOR SOILS TYPES / DESIGN BEARING STRENGTH, SEE STRUCTURAL		☐ 100 PSF ☐ 150 PSF		
	SPECIFICATIONS	ROOF LIVE LOAD:	20 PSF		
6.	ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)	FLOOR DEAD LOAD:		CRETE FLOOR - 33 PSF	
7.	THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES	ROOF DEAD LOAD:	13.5 PSF (INCLUDING SPRINKLER LOAD AI		
8.	EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2016 CBC.	RAMP LIVE LOAD:	100 PSF	TO TO SOCIAL CORD,	
9.	EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE REQUIRED BY SECTIONS 705.2 1406.	BUILDING AREA:		60 SF 130'x32' BLDG - 4,160 SF*	
10.	SEE SHEETS A-0.7 FOR REQUIRED BUILDING ENVELOPE ASSEMBLIES AND HVAC SYSTEM.		40'x32' BLDG - 1,280 SF 90'x32' BLDG - 2,8 50'x32' BLDG - 1,600 SF 100'x32' BLDG - 3,2	80 SF 140'x32' BLDG - 4,480 SF* 00 SF 150'x32' BLDG - 4,800 SF*	
11.	PURSUANT TO D.S.A. APPROVAL ALL PRODUCTS CAN BE SUBSTITUTED	ALLOWABLE AREA: 9,000 S.F.	60'x32' BLDG - 1,920 SF 110'x32' BLDG - 3,5		
40	BY AN "EQUAL"	(ALL w/o OVERHANGS) FOUNDATION:	*S	EE S-0.1 FOR GEOTECHNICAL	
	BUILDING(S) TO BE LOCATED IN ANY FIRE HADARD SEVERITY DONE OR ANY WILDLAND - URBAN INTERFACE FIRE AREA SHALL COMPLY WITH CBC	CEC CLIMATE ZONE:	1-16	EPORT REQUIREMENT	
	CHAPTER 7A AND SHALL NOT UTILI THE TUBULAR SKYLIGHT OPTION INCLUDED WITHIN THIS PC.	ALLOWABLE SOIL	<u>L</u>		
	THIS PC IS NOT DESIGNED FOR USE WITHIN A 65 CNEL NOISE CONTOUR	DL (WOOD FOOTING)	THEOGRE	1,000 □sf	
	AND THIS PC DOES NOT COMPLY WITH CAL GREEN SECTION 5.507.4.1.	DL + LL (WOOD FOOTING - 1,0)	00 PSF MAX)	1,000 🖾	
	IF THIS PC BUILDING IS SITE ADAPTED TO A SITE THAT MEETS THE REQUIREMENTS OF CAL GREEN SECTION 5.507.4.1. THE SITE SPECIFIC	DL + LL + SNOW (WOOD FOOT	•	1,000 🖾	
	DRAWING PACKAGE MUST INCLUDE COMPLIANT ASSEMBLIES FOR THE	DL + LL + SEISMIC (WOOD FOO	•	1,000 Lsf	
	WALLS, ROOF, WINDOWS DOORS. ALL SPACES WITH A DESIGN FLOOR LIVE LOAD GREATER THAN 50 PSF	DL + LL (CONCRETE FOOTING	1,500 □sf		
• • •	SHALL HAVE SIGN (BY OTHERS) POSTED ADJACENT TO THE MAIN ENTRY	DL + LL + SEISMIC (CONCRETE	1,500 □sf		
	DOOR WHICH INDICATES THE MAXIMUM ALLOWABLE LIVE LOAD.	ROOF SNOW LOAD	1,500 LST		
		GROUND SNOW LOAD, Pa FR		0	
			FLAT Pf OR LOW-SLOW, Pm OR	_	
		SNOW EXPOSURE FACTOR O		J. 18	
		SNOW IMPORTANCE FACTOR	<u> </u>	1.0	
A	APPLICABLE STANDARDS	THERMAL FACTOR C	<u>'S</u>	1.0	
NFP	A 13 AUTOMATIC SPRINKLER SYSTEMS (CALIF AMENDED) 2016 EDITION	FLOOD DESIGN			
NFP	A 72 NAT. FIRE ALARM CODE (CALIF. AMENDED) 2016 EDITION	FLOOD HAZARD AREA	YES NO W		
	(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")	WIND DESIGN			
		BASIC WIND SPEED (3 SECON	D GUST) V _{ult}	129	
		RISK CATEGORY			
		WIND EXPOSURE CATEGORY		С	
Δ	PPLICABLE CODES	TOPOGRAPHIC FACTOR K	rancente e como atendo e en contra en como en que esta antique por ante en que en alternación del en contrator :	1	
	T LIOADLE GODEG	SEISMIC DESIGN			
LIST	OF 2016 CALIFORNIA CODE OF REGULATIONS	LATERAL FORCE-RESISTING S	SYSTEM	OMF	
2016	BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.	ANALYSIS PROCEDURE		EQIV. LATERAL FORCE	
	CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 2, PART 2, TITLE 24 C.C.R.	SEISMIC DESIGN CATAGORY	(SDC)	E	
	(2015 INTERNATIONAL BUILDING CODE VOLUMES 1-2 2016 CALIFORNIA	SEISMIC IMPORTANCE FACTO	DR / _e	1.0	
	AMENDMENTS)	SEISMIC RESPONSE COEFFIC	EIENT C _s	0.380	
2016	CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.	RESPONSE MODIFICATION CO	DEFFICIENT R	3.5	
	(2014 NATIONAL ELECTRICAL CODE 2016 CALIFORNIA AMENDMENTS)	SITE CLASS		D	
2016	CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.	MAPPED SPECTRAL RESPONS	SE ACCELERATION AT SHORT PERIOD S _S		
	(2015 IAPMO UNIFORM MECHANICAL CODE 2016 CALIFORNIA	USED TO DETERMINE PARAMI (NO CAP)	ETERS & NON-STRUCTURAL COMPONENT A	NCHOR 2.85	
2040	AMENDMENTS) CALLEGRAIA BLUMBING CODE (CBC), BART 5, TITLE 24 C.C.B.	SHORT PERIOD SITE COEFFIC		1.0	
∠U10	CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2015 IAPMO UNIFORM PLUMBING CODE 2016 CALIFORNIA AMENDMENTS)	USED TO DETERMINE $C_{_{\! S}}$ (WI	E ACCELERATION AT SHORT PERIOD S_{DS} TH CAP PER CBC, SECTION 1616A 1.12)	1.33	
	CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R. CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.	DESIGN SPECTRAL RESPONS USED TO DETERMINE OTHER ANCHOR (NO CAP)	E ACCELERATION AT SHORT PERIOD S _{DS} PARAMETERS & NON-STRUCTURAL COMPO	NENT 1.90	
	(2015 INTERNATIONAL FIRE CODE 2016 CALIFORNIA AMENDMENTS)		SE ACCELERATION AT 1-SECOND PERIOD	S ₁ 2.0	
2016	CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.	LONG PERIOD SITE COEFFICII		1.5	
2016	CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.	DESIGN SPECTRAL RESPONS	E ACCELERATION AT 1-SECOND PERIOD S	2.0	
NFP	A 13 AUTOMATIC SPRINKLER SYSTEMS 2013 EDITION (WHERE APPLICABLE)	HORIZONTAL OR VERTICAL IR		NONE	
NEDA	72 NATIONAL FIRE ALARM CODE 2013 EDITION (WHERE APPLICABLE)				

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

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

	OUICIT	MDEV		
OUTNO	SHEET	r	FOLINDATION	THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) AND
SHT NO.	ARCHITECTURAL COVER SHEET	SHT NO.	FOUNDATION WOOD FOUNDATION PLAN - 30' × 32' (50 PSE)	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
A-0A A-0.0	T I FORMS BUILDING OPTIONS SCHEDULE	F-0.02	WOOD FOUNDATION PLAN - 30' x 32' (50 15 PSF)	FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS
A-0.1	SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE SCHEDULES	F 0.04	WOOD FOUNDATION PLAN 30' x 32' (150 PSF)	THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCI Inc.
A-0.2 A-0.3	TYPICAL KEY PLANS - 30' TO 110' x 32'	F 0.12	WOOD FOUNDATION PLAN 40' × 32' (50 PSF) WOOD FOUNDATION PLAN 40' × 32' (50 □ 15 PSF)	ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc
A-9.1	TYPIGAL KEY PLANS 128' TO 158' x 32'	F 0.14	WOOD FOUNDATION PLAN 49" x 32" (190 PSF) WOOD FOUNDATION PLAN 49" x 32" (150 PSF)	
A-0.5A	ENERGY CALC'S - PRF FORMS - □ONE 14 WORST CASE 30' x 32' BUILDINGS	F 0.21	WOOD FOUNDATION PLAN 50' × 32' (50 PSE) WOOD FOUNDATION PLAN 50' × 32' (50 E45 PSF)	SILVER CREEK INDUSTRIES, INC.
A-0.5B A-0.5C	ENERGY CALC'S - PRF FORMS - □ONE 15 WORST CASE 30' x 32' BUILDINGS ENERGY CALC'S - PRF FORMS - □ONE 16 WORST CASE 30' x 32' BUILDINGS	F 0.22	WOOD FOUNDATION PLAN 50' x 32' (100 PSF)	
A-0.5D	ENERGY CALC'S - PRF FORMS - DONE 14 WORST CASE 150' x 32' BUILDINGS		WOOD FOUNDATION PLAN 60' x 32' (50 PSF)	
A-0.5E A-0.5F	ENERGY CALC'S - PRF FORMS - □ONE 15 WORST CASE 150' x 32' BUILDINGS ENERGY CALC'S - PRF FORMS - □ONE 16 WORST CASE 150' x 32' BUILDINGS	- F.0.33	WOOD FOUNDATION PLAN 60' x 32' (100 PSF)	SILVER
A-0.6A A-0.6B	ENERGY CALC'S - ELC FORMS - 30' x 32' BUILDINGS ENERGY CALC'S - LTO / MCH FORMS - 30' x 32' BUILDINGS	F-0.50	WOOD FOUNDATION PLAN 98' x 92' (159 PGF) FOUNDATION DETAILS - WOOD	
A-0.6C A-0.7	SINGLE MODULE TOILET BUILDING COMPLIANCE FORMS DESIGN ENERGY VALUES BY DONE DICALGREEN SPECIFICATIONS	E 1 01	CONCRETE FOUNDATION DLAN. ABOVE CRADE WOOD FLOOR CONCRETE FOUNDATION DLAN. ABOVE GRADE - CONCRETE FLOOR	CREEK
A-1.01	FLOOR PLAN - 30' x 32'	E 1 50	CONCRETE FOLINDATION DETAILS - AROVE GRADE - WOOD ELOOR	Building for the Next Generation
A 4.02	FLOOR PLAN 40' x 32'	F 2.11	CONCRETE FOUNDATION PLAN BELOW GRADE CONCRETE FLOOR	2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211
A 4:04	FLOOR PLAN 60' TO 150' × 32'	F-2.51	FOUNDATION DETAILS CONCRETE	PROJECT NAME:
A 1.05	OPTIONAL 10 × 32 TOILET MODULE PLANS © ELEVATIONS OPTIONAL 10 × 32 TOILET MODULE PLUMBING PLAN © ISOMETRICS			VENTURA USD
A-2.01	REFLECTED CEILING PLAN - 30' x 32'			VENTURA CHARTER SCHOOL
A-2:02 A-2:00	REFLECTED CEILING PLAN 40' x 32' REFLECTED CEILING PLAN 50' x 32'			(1) 30' X 32' CLASSROOM BLDG
A 2.04	REFLECTED CEILING PLAN - 60' TO 150' × 32'			
A-2.20	CEILING DETAILS - T-GRID	SHT NO.	STRUCTURAL	SHEET TITLE:
A 2.24	CEILING DETAILS HARD LID	S-0.1 S-1.01	STRUCTURAL SPECIFICATIONS FLOOR FRAMING PLAN - WOOD FLOOR	
A-3.01 A-3.02	ROOF PLAN - 0.018" METAL DECK - MONO OR DUAL SLOPE - 30" x 32" ROOF PLAN - 0.010" METAL DECK - MONO SLOPE - 40" x 32"	S-1.11 S-1.50	FLOOR FRAMING PLAN CONCRETE FLOOR FLOOR FRAMING DETAILS - WOOD FLOOR	COVER SHEET
A 3.03	ROOF PLAN - 0.018" METAL DECK DUAL SLOPE - 40' × 32' ROOF PLAN - 0.018" METAL DECK - MONO SLOPE - 50' × 32'	\$ 1.60 \$-2.01	FLOOR FRAMING DETAILS CONCRETE FLOOR ROOF FRAMING PLAN - 0.018", BUILT UP, OR TPO ROOF - MONO SLOPE	COVERSILEI
A-3.05 A-3.00	ROOF PLAN 0.018" METAL DECK DUAL SLOPE 50' x 32'	6 2 02	POOF FRAMING PLAN -0.030" MONO SLOPE POOF FRAMING PLAN - DARAPET - MONO SLOPE	
A-3.07	ROOF PLAN - 0.018" METAL DECK - DUAL SLOPE - 60' TO 150' x 32'	<u>\$2.11</u>	POOF FRAMING PLAN 0.018", BUILT UP, OR TRO POOF DUAL SLOPE	DOFFSCO
A-9.11	ROOF PLAN- 0.000" METAL DECK-MONO OR DUAL CLOPE - 00" x 92"	S2.12	ROOF FRAMING PLAN PARAPET DUAL SLOPE	JOHN W STAP CO
A 3.12 A 3.13	ROOF PLAN - 0.030" METAL DECK - MONO SLOPE - 40" x 32" ROOF PLAN - 0.030" METAL DECK - DUAL SLOPE - 40" x 32"	S-2.50 3-2.51	ROOF FRAMING DETAILS - MONO SLOPE ROOF FRAMING DETAILS - DUAL SLOPE	2475H
A 3.15	ROOF PLAN 0.000" METAL DECK MONO SLOPE 50" x 32" ROOF PLAN 0.000" METAL DECK DUAL SLOPE 50" x 32"	S-2.60 S-2.70	ROOF FRAMING DETAILS POOF FRAMING DETAILS - PARAPET	THE WAR THE WAR THE THE PARTY OF THE PARTY O
A 3.16	POOF PLAN - 0.030" METAL DECK - MONO SLOPE - 60' TO 150' × 32'	S-2.90 S-3.01	ROOF FRAMING DETAILS - TRUSS BUILDING SECTION - MONO SLOPE ROOF	PUC TURE REPORTED
A 2.24	ROOF PLAN PARAPET MONO OR BUAL SLOPE 39' × 32'	9-3:02 9-3:00	BUILDING SECTION DUAL SLOPE ROOF BUILDING SECTION - 0.000" MONG SLOPE ROOF	TANK CAL
A-0.32	ROOF PLAN - PARAPET - MONO GLOPE - 40' x 92' ROOF PLAN - PARAPET - DUAL SLOPE - 40' x 92'	S 3.94 S-5.00	BUILDING SECTION - 0.030" DUAL SLOPE ROOF WALL FRAMING ELEVATIONS - WOOD STUDS	
A 3.34	ROOF PLAN PARAPET MONO SLOPE 50' x 32'	S-5.10	WALL FRAMING DETAILS - WOOD STUDS	
A 0.30	ROOF PLAN PARAPET MONO SLOPE 60' TO 150' x 32'	S-5.11 S-5.20	WALL FRAMING DETAILS - WOOD STUDS WALL FRAMING ELEVATIONS STEEL STUDS	
A-8:87	ROOF PLAN - PARAPET - DUAL OLOPE - 00' TO 450' x 32'	3-5.30 S-5.31	WALL FRAMING DETAILS - STEEL STUDS WALL FRAMING DETAILS - STEEL STUDS	ARCHITECT OF RECORD
A-3.41 A-3.42	ROOF PLAN - TPO - MONO OR DUAL SLOPE - 30' x 32' ROOF PLAN - TPO - MONO SLOPE - 40' x 32'			
A 3.43	ROOF PLAN TPO DUAL SLOPE 40' x 32' ROOF PLAN TPO MONO SLOPE 50' x 32'			
A-9:45 A-9:46	ROOF PLAN - TPO - DUAL SLOPE - 50' x 32' ROOF PLAN - TPO - MONO SLOPE - 60' TO 450' x 32'			
A 3.47	ROOF PLAN TPO DUAL CLOPE 60' TO 150' x 32'			
A-0.50	ROOF DETAILS - 0.018" STANDING SEAM ROOF DECK	SHT NO.	PLUMBING	
A 3.61	ROOF DETAILS 0.000" STANDING SEAM ROOF DECK	P-1.01	PLUMBING DETAILS AND SCHEDULE	PROJECT SPECIFIC STATE AGENCY APPROVAL
A 3.80	POOF DETAILS DARADET	SHT NO.	MECHANICAL	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
A-3.90	ROOF DETAILS - TPO	M-0.1	MECHANICAL NOTES, SCHEDULES, AND DETAILS	APPO3 119682
A-4.01 A-4.02	EXTERIOR ELEVATIONS - MONO OR DUAL SLOPE - 30' x 32' EXTERIOR ELEVATIONS - MONO OR DUAL SLOPE - 40' x 32'	M-1.01 M 1.02	MECHANICAL PLAN - WALL MOUNT - 30' x 32' MECHANICAL PLAN - WALL MOUNT - 40' x 32'	ACFLSSST\\ DATE
A-4:09 A 4:04	EXTERIOR ELEVATIONS - MONO SLOPE - 50' x 32' EXTERIOR ELEVATIONS - DUAL SLOPE - 50' x 32'	M 1.00 M 1.01	MECHANICAL PLAN WALL MOUNT 50' x 32' MECHANICAL PLAN WALL MOUNT 60' TO 150' x 32'	DATE 0 1 - 2 2 1 9
A-4:00	EXTERIOR ELEVATIONS - MONO SLOPE - 60' TO 450' × 32' EXTERIOR ELEVATIONS - DUAL SLOPE - 60' TO 450' × 32'	M 2.01 M 2.02	MECHANICAL PLAN POOF MOUNT 30' v 32' MECHANICAL PLAN POOF MOUNT 40' v 32'	
	EXTERIOR ELEVATIONS, MONO OR DUAL SI ORE, 201, 221 (PARADET)	M 2.03	MECHANICAL PLAN ROOF MOUNT 50' x 32' MECHANICAL PLAN ROOF MOUNT 60' TO 150' x 32'	ORIGINAL PC STATE AGENCY APPROVAL
A 4.22	EXTERIOR ELEVATIONS MONO OR DUAL SLOPE 40' x 32' (PARAPET) EXTERIOR ELEVATIONS MONO OR DUAL SLOPE 50' x 32' (PARAPET)	M 2.01	MECHANICAL BOOF PLAN BOOF MOUNT ALL ¥32'	FILE NUMBER: 33-SILVER IDENTIFICATION STAMP IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT
A 4.24	EXTERIOR ELEVATIONS MONO OR DUAL SLOPE 50' x 32' (PARAPET) EXTERIOR ELEVATIONS MONO OR DUAL SLOPE 60' TO 150' x 32' (PARAPET)			DIVISION OF THE STATE ARCHITECT
A-5.01	1			2016 2016 710A
	CROSS SECTION - MONO SLOPE - 0.018", B.U., TPO ROOF DECK OR PARAPET	<u>l</u>		AC RM FLS DS SS KR
A 5.02 A 5.03	CROSS SECTION - MONO SLOPE - 0.018", B.U., TPO ROOF DECK OR PARAPET CROSS SECTION BUAL SLOPE 0.048", B.U., TPO ROOF DECK OR PARAPET CROSS SECTION MONO SLOPE 0.030" ROOF DECK	SHT NO.	ELECTRICAL	AC RM FLS DS SS KR OATE 08/21/2018
7 0.02 - A 5 02	CROSS SECTION MONO SLOPE -0.048", B.U., TPO ROOF DESK OR PARAPET	SHT NO. E-1.01 E 1.02	ELECTRICAL ELECTRICAL PLAN AND SCHEDULE - 30' x 32' ELECTRICAL PLAN AND SCHEDULE - 40' x 32'	O O O O O O O O O O O O O O O O O O O
A 5.94	CROSS SECTION BUAL SLOPE 0.048", B.U., TPO ROOF BESK OR PARAPET CROSS SECTION MONO SLOPE 0.030" ROOF BESK OR PARAPET CROSS SECTION BUAL SLOPE 0.030" ROOF BESK	E-1.01 E 1.02 E 1.03	ELECTRICAL PLAN AND SCHEDULE - 30' x 32' ELECTRICAL PLAN AND SCHEDULE - 40' x 32' ELECTRICAL PLAN AND SCHEDULE - 50' x 32'	PRE-CHECK (BODE: A SEPARATE PRO FOR CONSTRUCT B A SEPARATE PRO FOR CONSTRUCT CODE: AC RM FLS DS SS KR DATE 08/21/2018 REVISIONS
A-5.05 A-5.50 A-5.51	CROSS SECTION BUAL SLOPE 9.948", B.U., TPO ROOF DECK OR PARAPET CROSS SECTION MONO SLOPE 9.930" ROOF DECK CROSS SECTION BUAL SLOPE 9.939" ROOF DECK CROSS SECTION ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING ARCHITECTURAL DETAILS - WOOD STUD - PLASTER	E-1.01 E 1.02 E 1.03 E-1.04	ELECTRICAL PLAN AND SCHEDULE - 30' x 32' ELECTRICAL PLAN AND SCHEDULE - 40' x 32' ELECTRICAL PLAN AND SCHEDULE - 50' x 32' ELECTRICAL PLAN AND GOHEDULE - 60' TO 150' x 32'	
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A-5.05 A-5.05 A-5.50 A-5.52 A-5.52 A-5.63 A-5.61 A-5.02 A-5.63 A-5.64 A-5.70	CROSS SECTION MONO SLOPE 9.848", B.U., TPO ROOF BESK OR PARAPET CROSS SECTION MONO SLOPE 9.830" ROOF BESK CROSS SECTION BUAL SLOPE 9.830" ROOF BESK CROSS SECTION ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING ARCHITECTURAL BETAILS - WOOD STUD - PLASTER ARCHITECTURAL BETAILS - WOOD STUD - WOOD SIDING - 1 HOUR RATED ARCHITECTURAL BETAILS - WOOD STUD PLASTER - 1 HOUR BATED ARCHITECTURAL BETAILS - STEEL STUD - PLASTER - ARCHITECTURAL BETAILS - STEEL STUD - PLASTER - ARCHITECTURAL BETAILS - STEEL STUD - PLASTER - 1 HOUR RATED ARCHITECTURAL BETAILS - STEEL STUD - PLASTER - 1 HOUR RATED ARCHITECTURAL BETAILS - STEEL STUD - PLASTER - 1 HOUR RATED ARCHITECTURAL BETAILS - 1 HOUR RATED OPTIONS ARCHITECTURAL DETAILS - 1 HOUR RATED OPTIONS	E-1.01 E-1.02 E-1.03 E-1.04 SHT NO. R-1.01 R 1.02 R 1.03 R-1.04 R 1.95	ELECTRICAL PLAN AND SCHEDULE - 30' x 32' ELECTRICAL PLAN AND SCHEDULE - 40' x 32' ELECTRICAL PLAN AND SCHEDULE - 50' x 32' ELECTRICAL PLAN AND SCHEDULE - 99' TO 159" x 92' RAMP STANDARD RAMP PLAN PAMP LANDING STANDARD LANDING WITH STEPS SWITCHBACK PAMP PLAN	REVISIONS 1 2 3 4 5 6 7 A
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CONCRETE FLOOR AND/OR CONCRETE FOUNDATION

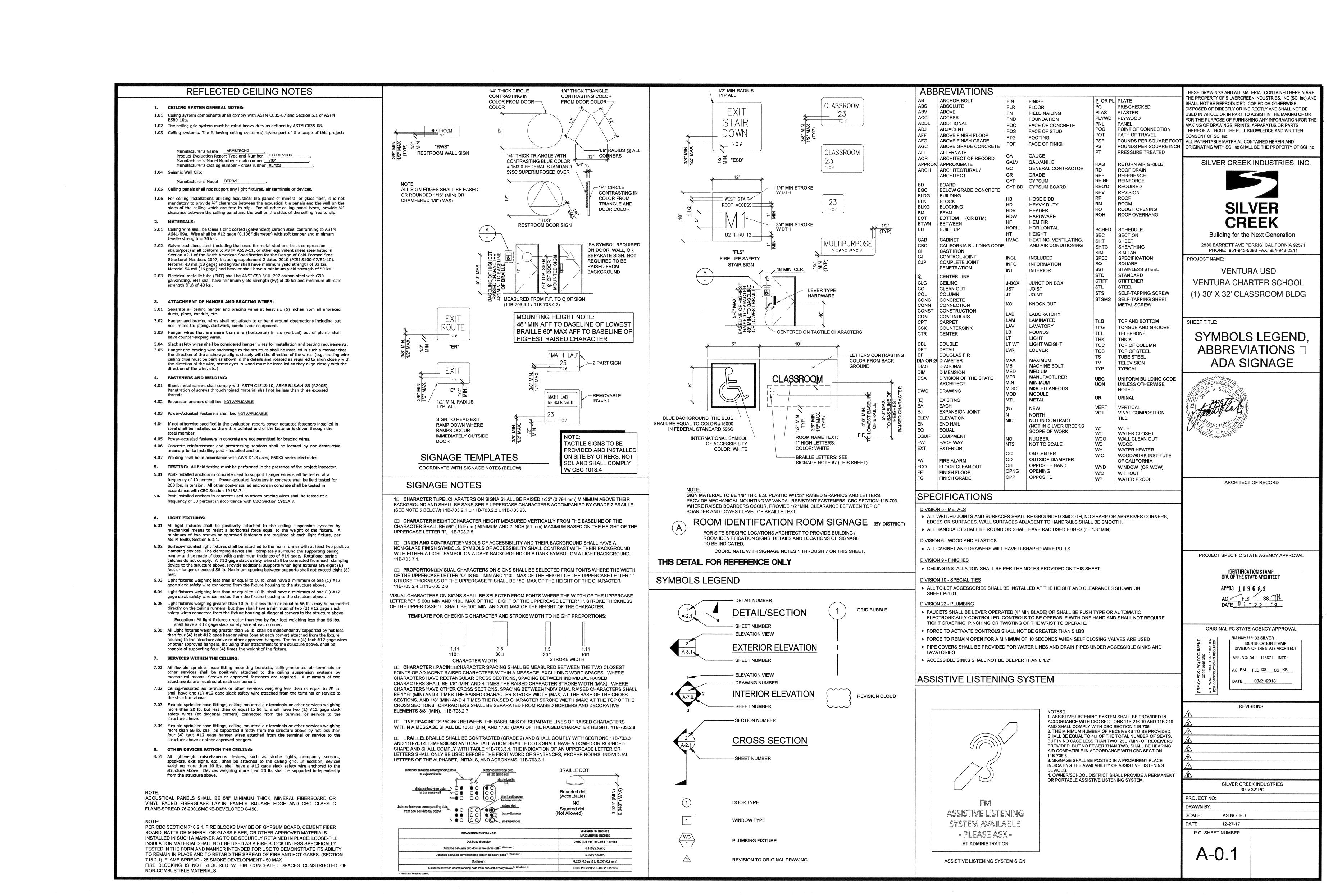
PLYWOOD FLOOR AND WOOD FOUNDATION

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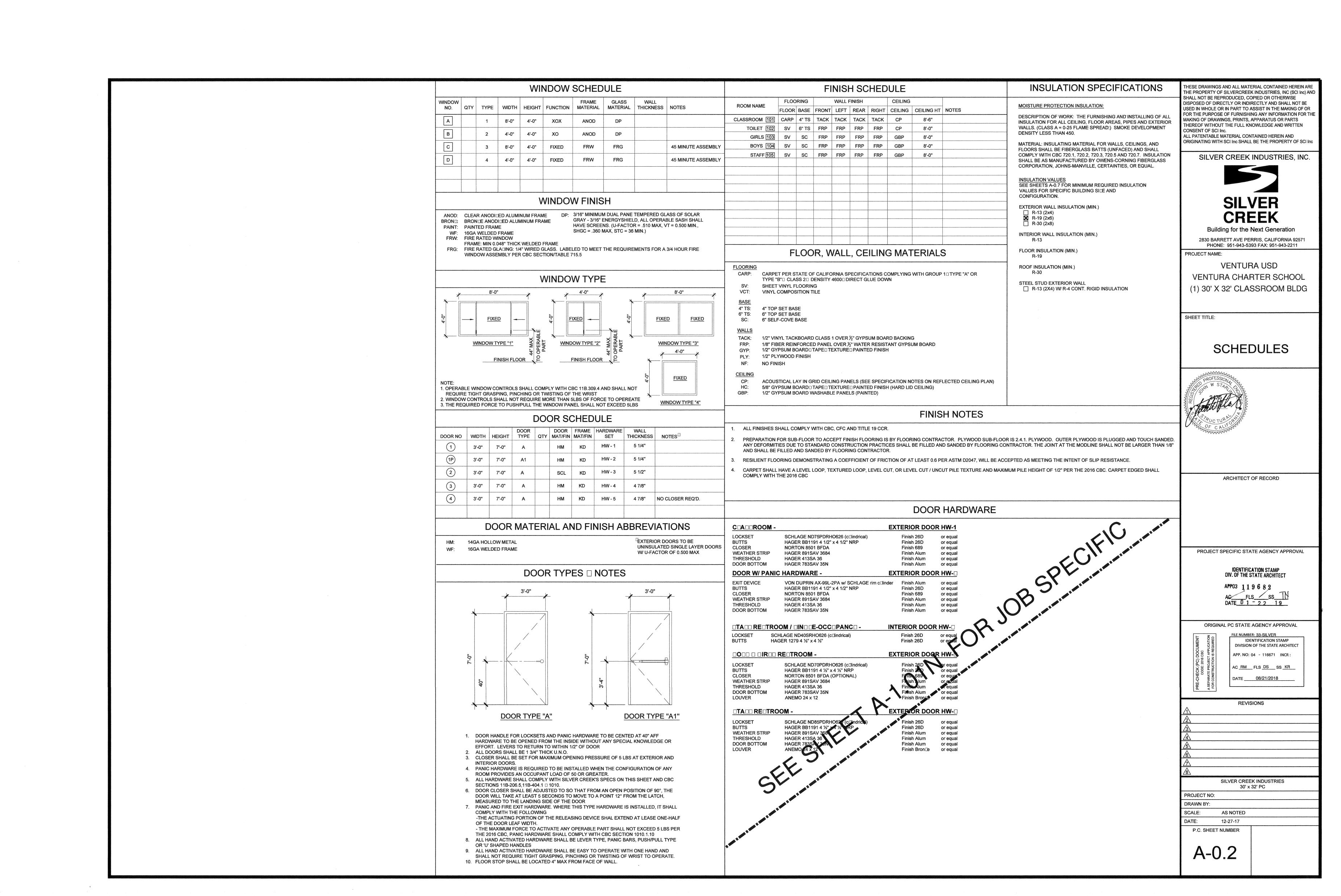
Building for the Next Generation

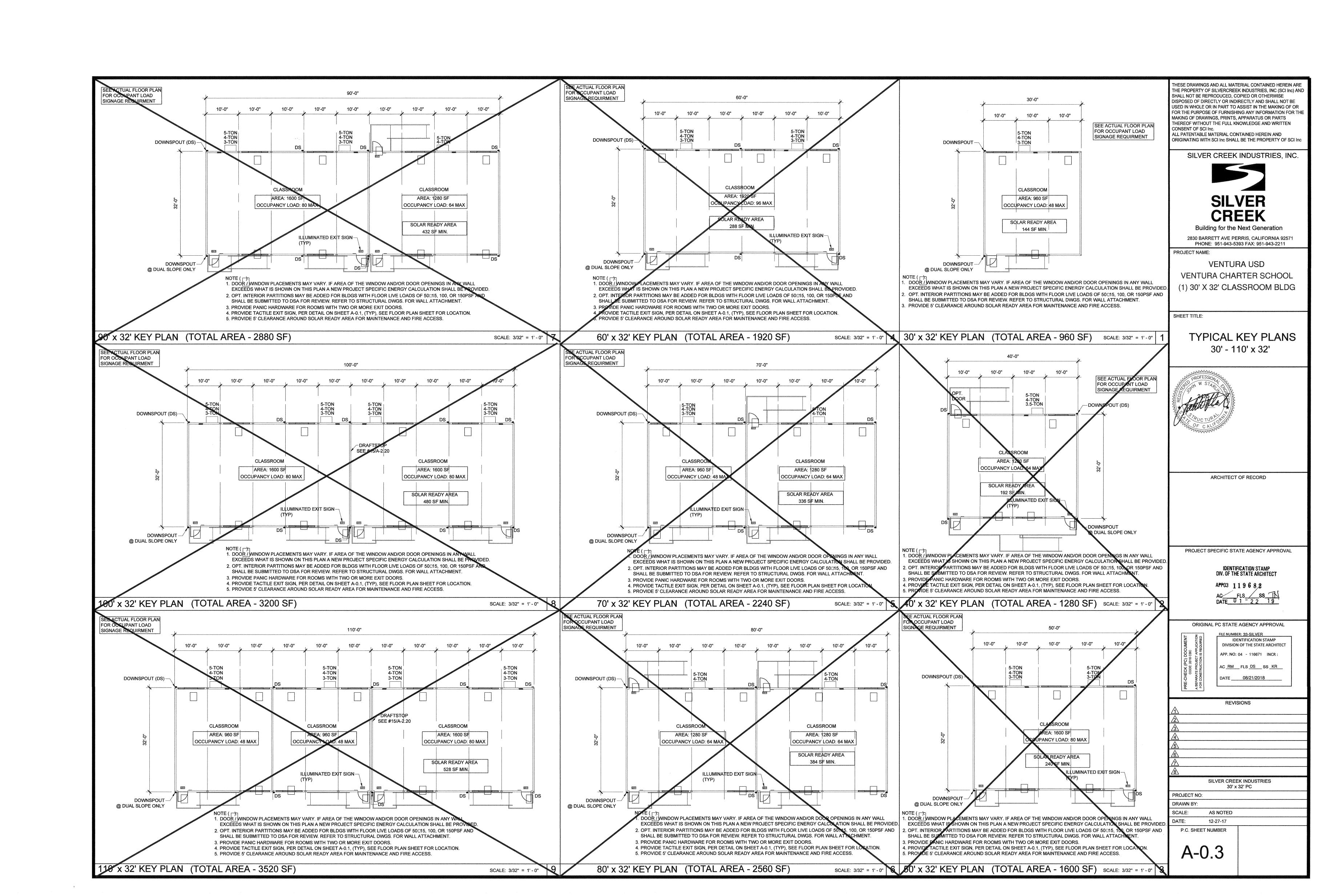
VENTURA CHARTER SCHOOL

PROJECT SPECIFIC STATE AGENCY APPROVAL



FLOOR FRAMING PLA	ANS	SHEET NUMBER	EXTERIOR ELEVATION		SHEET NUMBER	GENERAL AL	RCHITECTU	RAL SHEETS	SHEET NUMBER	THE PROPERTY OF SILVERCREEK I SHALL NOT BE REPRODUCED, COP DISPOSED OF DIRECTLY OR INDIRE
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			EXTERIOR ELEVATIONS. W 30 X 32	DUAL SLOPE	A-4.01	T I FORMS			A-0A	MAKING OF DRAWINGS, PRINTS, A THEREOF WITHOUT THE FULL KNO
	CONCRETE FLOOR	S-1.11		PARAPET ROOF - MONO SLOPE	A-4.21	BUILDING OPTIONS SCH	HEDULE SHEET:		A-0.0	CONSENT OF SCI Inc. ALL PATENTABLE MATERIAL CON
FLOOR FRAMING DETAILS:	WOOD FLOOR	S-1.50	☐ 40' x 32'	☐ PARAPET ROOF - DUAL SLOPE ☐ MONO SLOPE		SYMBOLS, LEGEND, ABI		ACE CHEET:	A-0.1	ORIGINATING WITH SCI Inc SHALL
	CONCRETE FLOOR	S-1.60		☐ DUAL SLOPE	A-4.02	SCHEDULE SHEET:	DIVENTION, ADA SIGNA		A-0.2	SILVER CREEK
ROOF FRAMING PLA	NS	SHEET NUMBER		PARAPET ROOF - MONO SLOPE	A-4.22	KEY PLAN: 30' TO 1	401 v 221 ·		A-0.3	
ROOF FRAMING:	.018 OR TPO - MONO SLOPE	S-2.01	□ 50' x 32'	☐ PARAPET ROOF - DUAL SLOPE ☐ MONO SLOPE	A-4.03	· · · · · · · · · · · · · · · · · · ·			A-0.4	
	.030 - MONO SLOPE	S-2.02		☐ DUAL SLOPE	A-4.04	KEY PLAN: 120' TO	150' x 32' :			_
	PARAPET - MONO SLOPE	S-2.03		☐ PARAPET ROOF - MONO SLOPE	A-4.23	ENERGY CALCS			A-0.5(A-F)	SILV
	.018 OR TPO - DUAL SLOPE	S-2.11	☐ 60' TO 150' x 32'	☐ PARAPET ROOF - DUAL SLOPE ☐ MONO SLOPE	A-4.05	ENERGY CALCS			A-0.6(A-C)	CRE
	.030 - DUAL SLOPE	S-2.12		DUAL SLOPE	A-4.06	DESIGN ENERGY VALUE	ES BY DONE AND CALGF	REEN REQUIREMENTS	A-0.7	Building for the N
				☐ PARAPET ROOF - MONO SLOPE	A-4.24					2830 BARRETT AVE PER
	PARAPET - DUAL SLOPE	S-2.13		☐ PARAPET ROOF - DUAL SLOPE						PHONE: 951-943-539 PROJECT NAME:
	MONO SLOPE	S-2.50	CROSS SECTIONS		SHEET NUMBER	FLOOR PLAN			SHEET NUMBER	VENTUR
	DUAL SLOPE	S-2.51	CROSS SECTIONS: MONO SLOPE0	018 OR TPO ROOF DECK	A-5.01	FLOOR PLANS:	FLOOR PLAN - 3		A-1.01 A-1.02	VENTURA CHAF
ROOF FRAMING DETAILS:		S-2.60	DUAL SLOPE0°	018 OR TPO ROOF DECK	A-5.02		☐ FLOOR PLAN - 4		A-1.02	
ROOF FRAMING DETAILS:	PARAPET - DETAILS	S-2.70	☐ MONO SLOPE0	030 ROOF DECK	A-5.03		☐ FLOOR PLAN - 6		A-1.04	(1) 30' X 32' CLAS
ROOF TRUSS:		S-2.90	☐ DUAL SLOPE03	030 ROOF DECK	A-5.04		OPTIONAL TOIL	ET MODULE, PLANS 🗆 ELEVATIONS	A-1.05	
BUILDING SECTION		SHEET NUMBER	CROSS SECTION		A-5.05		OPTIONAL TOIL	ET MODULE, PLUMBING PLAN □ ISOMETRIC	A-1.06	SHEET TITLE:
	MONO SLOPE ROOF	S-3.01				CEILING			SHEET NUMBER	
	DUAL SLOPE ROOF	S-3.02	ARCHITECTURAL DETAIL		SHEET NUMBER		₹ 30' x 32'		A-2.01	BUILDING
			WALL DETAILS: WOOD STUDS	EXTERIOR WOOD SIDING	A-5.50	REFLECTED CEILING PLANS:	© JU X J∠			SCHE
	.030 MONO SLOPE ROOF	S-3.03		EXTERIOR PLASTER FINISH	A-5.51		☐ 40' x 32'		A-2.02	
	.030 DUAL SLOPE ROOF	S-3.04		EXTERIOR WOOD SIDING - 1 HOUR RATED	A-5.52		☐ 50' x 32'		A-2.03	DROFESSOM VI
WALL FRAMING		SHEET NUMBER		EXTERIOR PLASTER FINISH - 1 HOUR RATED	A-5.53		☐ 60' TO 150' x 32'		A 0.04	PROFESSIONAL W STAP COL
FRAMING ELEVATIONS:	₩ WOOD STUDS	S-5.00	☐ STEEL STUDS	EXTERIOR WOOD SIDING	A-5.60		60 10 150 X 32		A-2.04	2475.14
	☐ STEEL STUDS	S-5.20		EXTERIOR PLASTER FINISH	A-5.61				·	Jan
FRAMING DETAILS:	WOOD STUDS	S-5.10		EXTERIOR WOOD SIDING - 1 HOUR RATED	A-5.62					TAPUC TURP REP
	₩ WOOD STUDS	S-5.11				CEILING DETAILS:	T-GRID		A-2.20	OF CALL
	STEEL STUDS	S-5.30		EXTERIOR PLASTER FINISH - 1 HOUR RATED	A-5.63		☐ HARD LID		A-2.21	
	STEEL STUDS	S-5.31	1-HOUR RATED OPTIONS		A-5.64	ROOF PLAN			SHEET NUMBER	
DLLIMDING	C OTELE OTODO		FLOOR DETAILS:		A-5.70		30' x 32'	.018 ROOF - METAL DECK - MONO SLOPE		-
PLUMBING		SHEET NUMBER	MISCELLANEOUS DETAIL	LS	SHEET NUMBER	ROOF PLANS:	30 X 32	.018 ROOF - METAL DECK - DUAL SLOPE	A-3.01	ARCHITECT O
PLUMBING DETAILS AND SC	HEDULES	P-1.01	MISCELLANEOUS: CASEWORK, TV, AN	ND PROJECTION SCREEN DETAILS	A-5.80			.030 ROOF - METAL DECK - MONO SLOPE	A-3.11	
MECHANICAL		SHEET NUMBER		DRINKING FOUNTAIN, AND FOLDING WALL DETAILS	A-5.81			.030 ROOF - METAL DECK - DUAL SLOPE		
MECHANICAL NOTES, SCHEI	DULES, AND DETAILS:	M -0.1	INTERIOR ELEVATIONS		SHEET NUMBER					
₹ 30' x 32' - WALL MOUNT	<u>, , , , , , , , , , , , , , , , , , , </u>	M-1.01	INTERIOR ELEVATION - 30' x 32'		A-6.01			PARAPET ROOF - MONO SLOPE		
☐ 40' x 32' - WALL MOUNT		M-1.02						☐ PARAPET ROOF - DUAL SLOPE	A-3.31	
50' x 32' - WALL MOUNT		M-1.03	INTERIOR ELEVATION - 40' x 32'		A-6.02	-		TPO ROOF - MONO SLOPE TPO ROOF - DUAL SLOPE	A-3.41	
60' TO 150' x 32' - WALL MOU	NT	M-1.04	INTERIOR ELEVATION - 50' x 32'		A-6.03		☐ 40' x 32'	.018 ROOF - METAL DECK - MONO SLOPE	A-3.02	PROJECT SPECIFIC STAT
30' x 32' - ROOF MOUNT		M-2.01	☐ INTERIOR ELEVATION - 60' TO 150" x 32'		A-6.04		40 X 32	.018 ROOF - METAL DECK - DUAL SLOPE	A-3.03	IDENTIFICAT DIV. OF THE STA
			FOUNDATIONS		SHEET NUMBER	_		.030 ROOF - METAL DECK - MONO SLOPE	A-3.12	
40' x 32' - ROOF MOUNT		M-2.02	TO CO TO CONTENT LAND	' (50 PSF) ' (50 □15 PSF)	F-0.01 F-0.02			.030 ROOF - METAL DECK - DUAL SLOPE	A-3.13	APP03 119
50' x 32' - ROOF MOUNT		M-2.03		' (100 PSF)	F-0.02					ACFLS_ DATE0_1
☐ 60' TO 150' x 32' - ROOF MOU	NT	M-2.04	☐ 30' x 32'	' (150 PSF)	F-0.04			PARAPET ROOF - MONO SLOPE	A-3.32	
ALL x 32' MECHANICAL ROOF	F PLAN	M-3.01		' (50 PSF)	F-0.11			PARAPET ROOF - DUAL SLOPE	A-3.33	ORIGINAL PC STATE A
ELECTRICAL		SHEET NUMBER		' (50⊡15 PSF) ' (100 PSF)	F-0.12 F-0.13			☐ TPO ROOF - MONO SLOPE☐ TPO ROOF - DUAL SLOPE	A-3.42 A-3.43	FILE NUMBER
	30' x 32'	E-1.01	40' x 32'	' (150 PSF)	F-0.14		☐ 50' x 32'	.018 ROOF - METAL DECK - MONO SLOPE	A-3.04	COUMEN. COUNTY C
	40' x 32' 3 LIGHT CONFIGURATION	E-1.02		(50 PSF)	F-0.21			.018 ROOF - METAL DECK - DUAL SLOPE	A-3.05	C) DOC O16 CBC O16 CBC O10 S Right
-	50' x 32'	E-1.03	Treated	' (50 🗆 15 PSF) ' (100 PSF)	F-0.22 F-0.23			.030 ROOF - METAL DECK - MONO SLOPE.030 ROOF - METAL DECK - DUAL SLOPE	A-3.14 A-3.15	CCK (PC 200E: 20 FF PROJE STRUCTION DE STRUC
				' (150 PSF)	F-0.24					E-CHEC B CONSTE
	60' TO 150' x 32'	E-1.04		' (50 PSF)	F-0.31					P A B O
RAMP		SHEET NUMBER		' (50⊡15 PSF) ' (100 PSF)	F-0.32 F-0.33			□ PARAPET ROOF - MONO SLOPE□ PARAPET ROOF - DUAL SLOPE	A-3.34 A-3.35	REVISI
MAINIF FLAINS.	STANDARD RAMP PLAN OFFSET RAMP PLAN	R-1.01 R-1.02		' (150 PSF)	F-0.34			TPO ROOF - MONO SLOPE	A-3.44	<u> </u>
the companied of the co	RAMP LANDING	R-1.02 R-1.03	FOUNDATION DETAILS - WOOD:		F-0.50			☐ TPO ROOF - DUAL SLOPE	A-3.45	<u>/2\</u>
- Locared	STANDARD LANDING WITH STEPS	R-1.04		FLOOR - (50, 50 \(\text{150}, \) 100, OR 150PSF)	F-1.01	<u> </u>	☐ 60' TO 150' x 32'	.018 ROOF - METAL DECK - MONO SLOPE .018 ROOF - METAL DECK - DUAL SLOPE	A-3.06 A-3.07	<u> </u>
	SWITCHBACK RAMP PLAN	R-1.05	PLAN - ABOVE GRADE					.030 ROOF - METAL DECK - MONO SLOPE	A-3.16	<u>/5</u>
	RAMP DETAILS	R-2.01		RETE FLOOR - (50, 50 15, 100, OR 150PSF)	F-1.11			.030 ROOF - METAL DECK - DUAL SLOPE	A-3.17	<u>/6\</u> / 2 \
BUII DING RELO	CATABLE DETAILS	SHEET NUMBER	CONCRETE FOUNDATION DETAILS - ABOVE G	GRADE:	F-1.50					<u>/8</u>
☐ BUILDING RELOCATION DET		REL-101	CONCRETE FOUNDATION WOOD F	FLOOR - (50, 50 🗆 15, 100, OR 150 PSF)	F-2.01			PARAPET ROOF - MONO SLOPE	A-3.36	SILVER CREEK
☐ BUILDING RELOCATION DET		REL-102		RETE FLOOR - (50, 50□15, 100, OR 150PSF)	F-2.11			PARAPET ROOF - MONO SLOPE PARAPET ROOF - DUAL SLOPE	A-3.36 A-3.37	30' x 3
			☐ CONCRETE FOUNDATION DETAILS - BELOW G	GRADE:	F-2.50			☐ TPO ROOF - MONO SLOPE	A-3.46	DRAWN BY:
			☐ FOUNDATION DETAILS - CONCRETE		F-2.51			☐ TPO ROOF - DUAL SLOPE	A-3.47	SCALE: AS NOTED
			GENERAL STRUCTURAL	SHEETS	SHEET NUMBER	ROOF DETAILS:		S SEAM ROOF DECK	A-3.50	DATE: 12-27-17
				OI ILL I U		-		S SEAM ROOF DECK S SEAM ROOF DECK	A-3.60 A-3.61	P.C. SHEET NUMBER
			STRUCTURAL SPECS:		S-0.1	_	USU STANDING	OLAWINOUI DEUN	A-3.01	A-0.0
			—						1	│
							☐ PARAPET		A-3.80	1





Project Name:	Project Name: 06-116671 - 30x52 - WD FLR - WALL HVAC - CZ 3.4 NRCC-PRF-01-E Page 11 of 1.9 Project Address: CZ 13 WONST CASE Calculation Date/Time: 15:00, Prl, Jul 105, 20:18 Compliance Scope: NewComplete Input File Name: 30x32 - WD FLR - WALL HVAC clids16	Project Name: Oil-116671 - 30x23 - WD FLR - WALL HWAC - CZ 1/4 NRCC PNF-01-E Page 5 of 19 Project Address: CZ 1/4 - WORST CASE Calculation Date/Time: 35x0, Fit, M 106, 2018 Compliance Scope: NewComplete Input file Name: 30x22 - WD FLR - WALL HWAC.clidd16	Project Nationes	THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) 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 SCI Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc SILVER CREEK INDUSTRIES, INC. SILVER CREEK INDUSTRIES, INC. Building for the Next Generation 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
Project Address:	Project Name: O4-116571 - 30x32 - WD FLR - WALL HYI/C - CZ 14	Project Name:	Project Name: 04-136673 - 30:632 - WD FUR - WALL HVAC - CZ 14 NRC-PRF-03-E Pege 2 of 19 Project Address: CZ 14 - WORST CASE Calculation Dates/Time: 15:00, Pri, Aul 06, 2018 Compiliance Scope: NewCompilete Injury File Name: 30:632 - WD FUR - WALL HVAC-clotd 5 C. PRICRITY PLAN CIECKY, INSPECTION ITEMS (in order of highest to lowest TDV energy swings) 1st Indoor Fairs: Check envelope and mechanical Indoor Ughting: Check (lighting Indoor Lighting: Check (lighting Indoor Lighting: Check (lighting Indoor Lighting: Check (lighting Indoor Lighting: Check envelope and mechanical Indoor Purungs & Misc. Check mechanical Purungs & Misc. Check (lighting Indoor Purungs & Misc.) D. EXCEPTIONAL CONDITIONS The balliding does not included service water heating. Varify that service water heating is not required and is not included in the design. E. HERS VERIFICATION This Section Does Not Apply F. ADDITIONAL REMARKS None Provided CA Building Energy Efficiency Standards- 2016 Nonresidential Compiliance Report Version: NRCC-PRF-014-60802017-4377 Report Generated at: 2018-07-66 15:01:52	PHONE: 951-943-5393 FAX: 951-943-2211 PROJECT NAME: VENTURA USD VENTURA CHARTER SCHOOL (1) 30' X 32' CLASSROOM BLDG SHEET TITLE: ENERGY CALC'S. PRF FORMS ONE 14 WORST CASE
Project Name:	Project Name: 04-116671 - 30:032 - WD FIR - WALL HVAC - CZ 54 NRC-CPBF-01-E Page 13 of 19 Project Address: CZ 14 - WORST CASE Claudation Data/Time: 15:00, Fri, Jul 06, 2018 Compliance Scope: NewComplete Input File Name: 30:032 - WD FIR - WALL HVAC-clod16 DOCUMENTATION AUTHOR'S DECLARATION STATEMENT Learlify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: SILVER CREEK Company: SILVER CREEK Address: 2830 BARRETT AVE Company: SILVER CREEK Address: 2830 BARRETT AVE Company: SILVER CREEK Address: 2830 BARRETT AVE Learlify the following under penalty of poglury, under the laws of the State of Californias and complete size of Californias and Carlo of the State of Californias and Carlo of the State of Californias and Professions Code to sign this document as the person responsible for its preparation; and that I am Elizabe under the provisions of Ohkision 3 of the Stateness and Professions Code to sign this document as the person responsible for its preparation; and that I am alleaded architect. 2 Infilm that I am alleaded architect contractor performing this work. 3 Infilm that I am alleaded and Explanation SSJ, 2538 and 6737.1. Responsible Envelope Designer Name: ICHIN STARLIN Company: SILVER CREEK Address: 2830 BARRETT AVE Date Signed: 7.6.18 ChryState/Typ: FERRIS CA 92571 Phone: 95.1-943-9393 Responsible Lighting Designer Name: ICHIN STARLIN Company: SILVER CREEK Address: 2830 BARRETT AVE Declaration Statement Type: 1 License 8: 2475 Phone: 95.1-943-9393 Responsible Lighting Designer Name: JOHN STARLIN Company: SILVER CREEK Address: 2830 BARRETT AVE Declaration Statement Type: 1 License 8: 2475 Phone: 95.1-943-9393 Responsible Mechanical Designer Name: JOHN STARLIN Company: SILVER CREEK Address: 2830 BARRETT AVE Declaration Statement Type: 1 License 8: 2475 Phone: 95.1-943-9393 Title: Engineer License 8: 2475 L	Project Natmet: 04-116671-30x22 - WD FLR - WALL HVAC - CZ 14 NRCC-PRF-GLE Page 8 of 19	Project Name: 04-116671 - 30:32 - WD FR - WALL INVAC - CZ 14 NRCC-PRF-01-E Page 3 of 19 Project Address: CZ 14 - WORST CASE Compliance Scope: Input File Name: 30:02 - WD FLR - WALL INVAC-dd15 G. COMPLIANCE PRTH & CERTIFICATE OF COMPLIANCE SUMMARY Identify which building components use the performance or prescriptive path for compliance. "NA" = not in project For components that utilize the performance or prescriptive path for compliance. "NA" = not in project For components that utilize the performance path, indicate the sheet number that includes manditary notes on plans. Sulfiling Component Sulfiling Component Compliance Path Compliance Forms (required for submittad) Plans Envelope Prescriptive INSCC-PRF-ND-FETALS (section of the NIRCC-PRF-01-E) NA Superformance NIRCC-PRF-ND-FETALS (section of the NIRCC-PRF-01-E) NA Mechanical Prescriptive NIRCC-PRF-ND-B-DETALS (section of the NIRCC-PRF-01-E) NA NA NA NA NRCC-PRF-ND-B-DETALS (section of the NIRCC-PRF-01-E) NA NRCC-PRF-ND-B-DETALS (section of the NIRCC-PRF-01-E) NRCC-PRF-ND-B-DETALS (section of the NIRCC-	ARCHITECT OF RECORD PROJECT SPECIFIC STATE AGENCY APPROVAL
Project Name: 04-116671 - 30-632 - WD FLR - WALL HVXC - CZ 14 NRCC-PRF-01-E Page 39 of 19 Project Address: CZ 34 - WORST CASE Calculation DeseyTime: 15:00, Frt, Jul 05, 2018	Project Address: Od-116571-30x32-WD FIR-WALL HAVE-C2,14	Project Name: 04-116671 - 30x32 - WD FLR - WALL HYAC - CZ 14 NRC-PRF-01-E Page 9 of 13	Project Name: 04-116671 - 30x32 - WD FLR - WALL HVAC - CZ 34 NIRCC-PRF-GL-E Page 4 of 19	ORIGINAL PC STATE AGENCY APPROVAL ORIGINAL PC STATE AGENCY APPROVAL FILE NUMBER: 33-SILVER IDENTIFICATION STAMP DIVISION OF THE STATE ACHITECT APP. NO: 04 - 116671 INCR: AC RM FLS DS SS KR DATE 08/21/2018 REVISIONS
CA Building Energy Effidency Standards - 2016 Nonroaddential Compliance Report Version: NRCC-PR-01-E-(88082017-4377 Report Generated at: 2018-07-06 15-01-52	Project Name:	Project Name: O4-116671 - 30x32 - WD FIR - WALL HWAC - CZ 14 NRCC-PRI-OLE Page 10 of 19 Project Address: CZ 14 - WDRST CASE Calculation Date/Time: 15-00, Pri. Jul 06, 2018 Compliance Scope: NewComplete Imput File Name: 30x32 - WD FIR - WALL HWAC-dot15 O. EQUIPMENT CONTROLS § 120.2 Confirmed 1.	Project Name: O4-116671 - 30x32 - WD FLR - WALL HVAC - CZ 14	SILVER CREEK INDUSTRIES 30' x 32' PC PROJECT NO: DRAWN BY: SCALE: AS NOTED DATE: 12-27-17 P.C. SHEET NUMBER A-0.5A

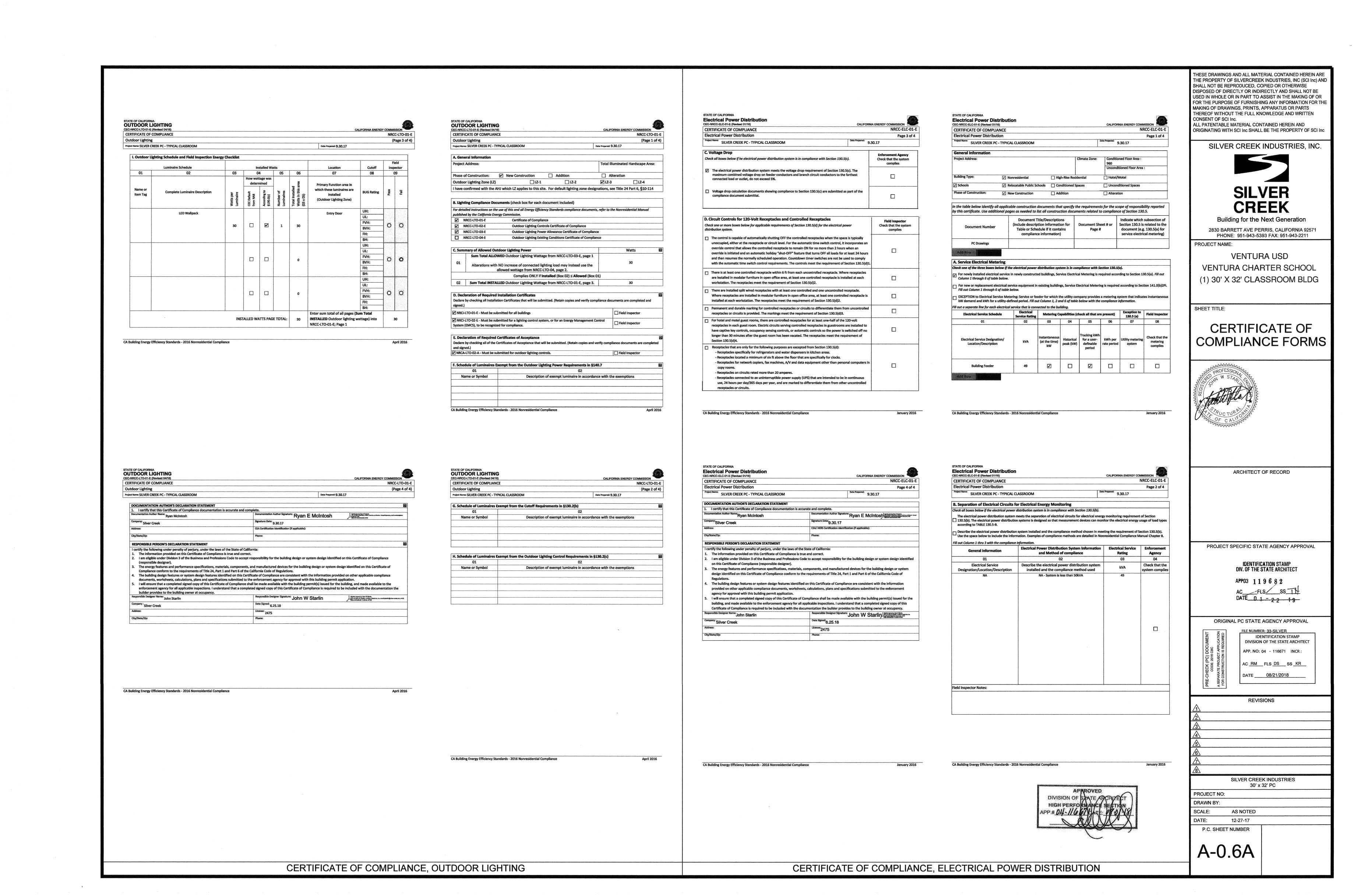
Project Name: 04-116671 - 30xC2 - WD FLR - WALL HWAC - CZ 15 NRCC-PRF-03-E Page 16 or 15 Project Address: CZ15 - WORST CASE Calculation IntellyTime: 14-39 FL, Mail 63, 2018 Compliance Scope: New Complete Impact File Name: 20x32 - WD FLR - WALL HWAC.cbd.15 F. SOLAR HOT WATER HEATING SUMMARY (Adapted from NINCC-STH-03) This Section Does Not Apply G. MECHANICAL HWAC ACCEPTANCE TISTS & FORMS (Adapted from 2016-HRC-MC-H21-E) Obclasterian of Required Acceptance Certificates (MRCA) - Acceptance Certificates that may be submitted. (Retain copies and werfly forms are completed and signed to port in field for Flad importor to verify). The Description The Descripti	Project Name: 04-116671 - 30x32 - WO FIR - WALL HVAC - CZ 15 NINCCPRE-01-E Page 11 of 19	Project Name: O4-116671 - 30062 - WD F.R.FWALL HWAC - CZ 15 NINCC-PRF-G1-5 Roge 6 of 19	Project Name: O4-16671 - S0d2 - WD FLR - WALL HAVE - CZ 15 MORST CASE Colculation Date/Time: 14-98, Fr. 10 file, 2015	THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) 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 SCI Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc SILVER CREEK INDUSTRIES, INC. SILVER CREEK INDUSTRIES, INC. 2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211
Compliance Scope: NewComplete Input File Name: 30x32 - WD FIR - WALL HAVA.cibd16	Imput File Name: 30x32 - WD File - Wall L HVAC chtd 15	Compliance Scope: NewComplete Input File Name: S0x32 - WD FLR - WALL HVAC.cibd16	Compliance Scope: NewComplete Input File Name: S0x52 - WO FIR - WALL HVAC.cbd16 C. PRICHITY PLAN CHECK INSPECTION ITEMS (in order of highest to lowest TOV energy swings) 1st Indoor Paris Check envelope and mechanical Indoor Lighting Check lighting Indoor Lighting Heat Regiction Paris Indoor Lighting Indoor Light	VENTURA USD VENTURA CHARTER SCHOOL (1) 30' X 32' CLASSROOM BLDG SHEET TITLE: ENERGY CALC'S. PRF FORMS ONE 15 WORST CASE
Project Address: C2.15 - WORST CASE Calculation Date/Times 30-62 - WD Fire - WALL HWAC-cibid 16 F. ROOM CAVITY RATIO (Adapted from NRCC-LTI-04-E) Rectangular Spaces Room Number TissA/Activity Description Room Longth (ft) Room Width (ft) Room Cavity Height (ft) RCR Pass Fall NA N	Project Address: C 2 15 - WORST CASE Calculation Date/Time: 34-39, Frt, Jul 65, 2018	Project Address: C215 - WORST CASE Calculation Date/Times: A44, A53, Pt. Jul 06, 2018	Project Address: C 15 - WORST CASE Compliance Scope: NewComplete Compliance Scope: NewComplete Input File Name: 30,023 - WID FIR - WALL HAVAC-cibd16 G. COMPLIANCE PATH & CERTIFICATE OF COMPLIANCE SUMMARY Identify which laulifuling components use the performance or prescriptive path for compliance. "A4"* not in project For components that utilitie the performance path, indicate the sheet number that includes mandatory notes on plans. Compliance Parts Compliance Parts Compliance Parts Compliance Parts Compliance Parts Compliance Parts Rocc-PRE-NN-DETAILS (section of the NRCC-PRE-01-E) Envelope Prescriptive NRCC-PRE-NN-DETAILS (section of the NRCC-PRE-01-E) SHEET A-0.7 Mechanical Mechanical Prescriptive NRCC-PRE-ND-DETAILS (section of the NRCC-PRE-01-E) Prescriptive NRCC-PRE-ND-DETAILS (section of the NRCC-PRE-01-E) SHEET A-0.7 NA Domestic Hot Water Prescriptive NRCC-PRE-ND-DETAILS (section of the NRCC-PRE-01-E) SHEET A-0.7 NA SHEET A-0.7 NA SHEET A-0.7 NRCC-PRE-ND-DETAILS (section of the NRCC-PRE-01-E) SHEET A-0.7 NRCC-PRE-ND-DET	ARCHITECT OF RECORD PROJECT SPECIFIC STATE AGENCY APPROVAL
Project Name: 04-116671 - 30x22 - WD FIR - WALL HVAC - CZ 15 NGC-PRF-OLE Page 19 of 19 Project Address: (Z 15 - WORST CASE Calculation Duth/Times: 34-36, Fri, Jul 06, 2018	Project Nation: ON-116/71 - 30x32 - WID FIR - WALL HWAC - CZ 15 NRICC-PRI-CLE Page 14 of 19	Project Name: 04-11671-30x32-WD FIR-WALL HWAC-CZ 15 NRCC-PRF-01-E Page 9 of 19	Project Name: Project Address: CZ 15 - WORST CASE Calculation Date/Time: 14:59, Frl, Ail 06, 2018	ORIGINAL PC STATE AGENCY APPROVAL FILE NUMBER: 33-SILVER IDENTIFICATION STAMP DOCOMENT ORIGINAL PC STATE AGENCY APPROVAL FILE NUMBER: 33-SILVER IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT APP. NO: 04 - 116671 INCR: AC RM FLS DS SS KR DATE 08/21/2018 REVISIONS
CA Bullding Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-014-08082017-4377 Report Generated at: 2015-07-06 34-41.26	Project Name: 04-116671 - 30x32 - WO FIR - WALL HVAC - CZ 15 NRCC-PRF-01-E Page 15 of 19 Calculation Data/Time: 14-33, Fig. Jul 06, 2018 Compliance Scope: NewComplete Imput File Name: 30x32 - WO FIR - WALL HVAC-cibd16 Imput File Nam	Project Name: O+116671 - 30x52 - WD FUR - WALL HAVE - CZ 15 NRCC-PRF-01-E Page 10 of 19 Project Name: O+116671 - 30x52 - WD FUR - WALL HAVE - CZ 15 NRCC-PRF-01-E Page 10 of 19 Project Address: CZ 15 - WORST CASE Calculation Date/Time: 34:89, Frl, Jul 05, 2018 Compliance Scope: NewComplete Input File Name: 30x32 - WD FUR - WALL HAVE - CD 15 Equip Name Equip Type Controls No CDC CONTROL NO CDC C	Project Name: O4-116671-50-032-WD F.R. WALL HVAC - CZ 15 NRCC-PRI-O1-E Page 5 of 19	SILVER CREEK INDUSTRIES 30' x 32' PC PROJECT NO: DRAWN BY: SCALE: AS NOTED DATE: 12-27-17 P.C. SHEET NUMBER A-0.5B

	DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE ROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) AND
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	OF WITHOUT THE FULL KNOWLEDGE AND WRITTEN ENT OF SCI Inc. TENTABLE MATERIAL CONTAINED HEREIN AND IATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc
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Company Comp	VENTURA USD ENTURA CHARTER SCHOOL
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	REVISIONS
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Project Authors:	Project Name: 00-13677-13042-WD PIR- WALL NWL-C 214 98CC-PRF-016 Page 11 of 19	Project Name: 06-136071-150x32-VID FIX-WALLHARC-C214 SNCC-PRF-61-E Page 6 of 39 Page 5 of 39 Page 5 of 30 Page 5 o	Project Name: 06-150671 - 13042 - VVO FIX - VAIL NAME - CZ 14 NOSC PRF-014 Project not file Project of 19	THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) 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 SCI Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc SILVER CREEK INDUSTRIES, INC. SILVER CREEK INDUSTRIES, INC. 2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211 PROJECT NAME: VENTURA USD VENTURA CHARTER SCHOOL (1) 30' X 32' CLASSROOM BLDG SHEET TITLE:
Additional "use it or lose it" (See Table 6)	Project Name: 04-116671 - 150x22 - WD FIR - WALL HAXC - CZ 14 Project Address: CJ 14- WORST CJSS Compliance Scope: NewComplete DOCUMENTATION AUTHOR'S DECLARATION STATEMENT I cerefly that this Certificate from Compliance of Compliance Scope: NewComplete Documentation Author Name: SINVER CREEK Companys SINVER CREEK Address: SSS 04 ARMSETT AVE CIty/State/Tipe Press CJ 52571 Project Address: CJ 14- WORST CJSS Compliance Scope: NewComplete Documentation Author Name: SINVER CREEK Companys SINVER CREEK Address: SSS 04 ARMSETT AVE CIty/State/Tipe Press CJ 52571 Project Schild	2. Intel Licenditioned Floor Ansa 0 ft	Name Provided	PRF FORMS ONE 14 WORST CASE 150' x 32' ARCHITECT OF RECORD
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CA Building Energy Efficiency Standards-2016 Nonresidential Compliance Report Version: NRCC-PRE-01-6-08082017-4377 Report Generated at: 2018-07-06 15-01-24	Project Name: 06-13607 - 130x02 - WD FIR - WALL KYNC - CZ 34 NRCC-PRF-01-E-08082017-4977 Report Generated at: 2018-07-06 15:01.24 Project Address: CZ 34 - WDISTS COSE CZ 3	Project Name: 01-136971 - 1520:32 - WD FLR - VMALL FVAC - C2 14 NDCC - PRF-01-E Page 10 of 19 Project Name: 01-136971 - 1520:32 - WD FLR - VMALL FVAC - C2 14 NDCC - PRF-01-E Page 10 of 19 Project Address: C2 14 - WORST CASE Calculation Date/Time: 13-69, Fit, and 65, 2018 Compliance Scope: Invest Fle Name: 1500:22 - WD FLR - VMALL FVAC - C2 14 Report Version: Fle Name: 1500:22 - WD FLR - VMALL FVAC - C2 14 Report Version: Scope: No DCV Centrols S 120.2 Confirmed 1.	Project Name: O4-116671 - 150x32 - WD FLR - WALL HWC - CZ 14 NRCC-PRF-01-E Page 5 of 19	REVISIONS A A A S SILVER CREEK INDUSTRIES 30' x 32' PC PROJECT NO: DRAWN BY: SCALE: AS NOTED DATE: 12-27-17 P.C. SHEET NUMBER A-0.5D

Project Name:	Project Name: 04-116571-150/02 - WO PIR - WALL HVAC - CZ 15 NOICY CASE Calculation Date/Time: 34-40, Frl. Air 06, 2018 Compliance Scope: NewComplete Imput File Name: 150/32 - WD PIR - WALL HVAC cibd.16 **Authible carbies for an Carupana Type may be little in the table as these hore hore paragrated for MRCC-UT-01-01* R. INDOOR CONDITIONED LIGHTIMS SCHEDULE (Adapted from NRCC-UT-01-01*) Limitates Schedule (facibate and permanent: Instelled lighting in conditioned space, and portable lighting over 0.3 w/R* in offices) Confirmed offices) No Westage in Determined No Westage in Determined SC1-2x4 LED Complete Luminicaline Description Eta, Son Summandary Confirmed Profession (Fr. PEZTs), Son Summandary Confirmed Profession Confirmed Profession	Project Name: 04-116672 - 150/32 - WO F.R WALL HVAC - CZ 15 NINCE-PRE-01-E Page 6 of 19 Project Address: CZ 15 - WORST CASE Calculation Date/Times: 14-64, Frl. Jul 06, 2018	Project Name: O4-136671-150x2-WD F.R-WALL HVAC-C215 NRCC-RF-G3-E Page 1 of 19	THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) 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 SCI Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc. SILVER CREEK INDUSTRIES, INC. SILVER CREEK INDUSTRIES, INC. Building for the Next Generation
Project Risma: 04-116673 - 190x82 - WID FIR - WALL HWAC - CZ 15 Calculation Date/Time: 14x00, Fit, Jul 05, 2018 Compliance Scope: New Compliance Compliance Scope: New Compliance	Project Name: O4-136673-150622-WD FIR - WALL HWAC-CZ 15 NBCC-PRF-GLE Page 12 of 13	Project Name: 04-136972 - 150x22 - WD FIR - WALL HWAC - CZ 15 NRCC-PRE-OLE Page 7 of 39 Project Address: CZ 15 - WORST CASE CZ 15 - WORST CASE Calculation Date/Time: 34-40, Fr., Jul 06, 2018	Project Name: 04-116677 - 150x32 - WO FIR - WALL HVAC - CZ 15 Project Address: CZ 15 - WORST CASE Compliance Scope: NewComplete Input Rie Name: 150x22 - WO FIR - WALL HVAC - CZ 15 Compliance Scope: 1 Several Scope Scope: 1 Several Scope Scope Scope Scope Scope Scope Input Rie Name: 150x22 - WO FIR - WALL HVAC - Cd 16 C PRIORITY PLAN CHECK/ INSPECTION TTEMS (in order of highest to lowest TOV energy savings) 1.8 Indoor Fines: Check envelope and mechanical 2.nd door Lighting: Check Righting Red Heet Righting: Check Righting Red Milks: Check meckanical Red Righting: Check Righting Red	PRF FORMS PROJECT TITLE: PROJECT NAME: VENTURA USD VENTURA CHARTER SCHOOL (1) 30' X 32' CLASSROOM BLDG SHEET TITLE: PRF FORMS ONE 15 WORST CASE 150' x 32'
Project Name: 04-16672 - 150x32 - WD FLR - WALL HVAC - C2 15 NRCC-PRF-01-E Page 18 of 19 Project Address: C2 15 - WORST CASE Calculation Date/Time: 16402 Ft, Jul 05, 2018 Compliance Scope: NewComplete Input File Name: 150x22 - WD FLR - WALL HVAC-cibd16 F. ROOM CAVITY RATIO (Adapted from NRCC-LTI-04-E) Rectangular Spaces Room Number Trask/Activity Description Room Length (ft) Room Width (ft) Room Cavity Height (ft) ROR Pass Fall NA NA NA NA NA NA NA NA	Project Name: 04-116677 - 150x02 - WD F.R - WALL HVAC - CZ 15 NRCC-PRF-D-E Page 13 of 19 Project Address: C2 15 - WORST CASE Calculation Date/Time: 34-40, Frl. Aid 66, 2018 Compliance Scope: NewComplete Iriput File Name: 150x32 - WD F.R - WALL HVAC.clbd.16 DOCUMENTATION AUTHOR'S DECLARATION STATEMENT § 3D-303 Lostify that this Cartificate of Compliance documentation is accurate and complete. Documentation Author Name: SILVER CREEK Signature:	Project Nations: O-116671 - 150x23 - WD FIR - WALL HUAC - CZ 15 NRCC PRF-O1-E Page 8 of 19 Project Address: CZ 15 - WORST CASE Calculation Date/Times: 1464G, Fil, Jul 105, 2018	Project Name: 04.15671-150x32-WD FIR - WALL HVAC - CZ 15 NRCC-PRF-01-E Page 3 of 19 Project Address: CZ 15 - WORST CASE Calculation Date/Time: 14-40, Fr1, Jul 65, 2018 Compliance Scope: NewComplete Input File Name: 150x32-WD FIR - WALL HVAC-clods16 G. COMPLIANCE PRTH & CERTIFICATE OF COMPLIANCE SUMMARY Identify which building components use the performance or prescriptive polity for compliance. "NA" = not in project For components that utilitie the performance or prescriptive polity for compliance. "NA" = not in project For components that utilitie the performance or prescriptive polity for compliance. "NA" = not in project For components that utilitie the performance or prescriptive polity for compliance. "NA" = not in project For components that utilitie the performance or prescriptive polity for compliance. "NA" = not in project For components that utilitie the performance or prescriptive polity for compliance. "NA" = not in project For components that utilitie the performance or prescriptive polity for compliance. "NA" = not in project For components that utilities the performance or prescriptive polity for compliance. "NA" = not in project For components Quality Qu	ARCHITECT OF RECORD PROJECT SPECIFIC STATE AGENCY APPROVAL
Project Name: 04-116671 - 150-032 - WD FLR - WALL HVAC - CZ 15 NRCC-PRF-01-E Page 19 of 19 Project Address: CZ 15 - WORST CASE Colculation Data/Time: 14-140, Fr., Jul 06, 2018 Compliance Scope: NewCompleta H. INDOOR & OUTDOOR LIGHTING ACCEPTANCE TESTS & FORMS (Adapted from NRCC-LTP-01-E and NRCC-LTP-01-E) \$ 130.4 Destination of Required Acceptance Certificates (NRCA) - Acceptance Certificates that must be writted in the flest, (Retain copies and verify froms are completed and signed to post in field for Field Impacts to verify. Test Description NRCA-LTP-02-A NRCA-LTP	Project Name: 04-116671 - 150x32 - WD FLR - WALL HWAC - CZ 15 Page 14 of 19	Project Name: O4-116671 - 150x32 - WD FIR - WALL HVAC - CZ 15 NRCC-PRF-GI-E Page 9 of 13 Project Address: CZ 15 - WORST CASE Calculation Data/Fines: 14x40, Fr., Jul 05, 2018	Project Name: 04-116671 - 150x32 - WD FLR - WALL HVAC - CZ 15 NRCC-PRF-G1-E Page 4 of 19 Project Address: CZ 15 - WORST CASE Calculation Data/Time: 14-40, Frt, Jul 06, 2018	ORIGINAL PC STATE AGENCY APPROVAL ORIGINAL PC STATE AGENCY APPROVAL ORIGINAL PC STATE AGENCY APPROVAL FILE NUMBER: 33-SILVER IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT APP. NO: 04 - 116671 INCR: AC RM FLS DS SS KR DATE 08/21/2018 REVISIONS
C4 Building Energy Efficiency Standards-2016 Nonreaddential Compliance Report Version: WRCC-PR-G1-E-68082017-4377 Report Generated as: 2016-67-66 1-641-30	Project Name: O4-136671-150x2- WD FIR - WALL HVIAC - CZ 15 NIDCC-PRF-01-E-08082017-4377 Report Generated st. 2018-07-06 14-41:30	Project Name: 04-116671 - 150x02 - W0 FLR - WALL HWAC - CZ 15 Project Aldress CZ 15 - WORST CASE CZ 15 -	Project Name: O4-116673 - 150x32 - WD FLR - WALL HVAC - C2.15 NRC-PRF-01-E Page 5 of 19 Project Address: C2.15 - WOIST CASE Calculation Date/Time: 34-90, Fr. M Int. G. 2018 Compiliance Scope: NewComplete Input File Name: 150x32 - WD FLR - WALL HVAC - C4.15	SILVER CREEK INDUSTRIES 30' x 32' PC PROJECT NO: DRAWN BY: SCALE: AS NOTED DATE: 12-27-17 P.C. SHEET NUMBER A-0.5E

Project Name: 04-136672 - 150x32 - WD FIR - WALL HVAC - CZ 16	Project Name: 04-116673 - 150x2 - WD FLR - WALL HWAC - C7.16	Project Name: 04-156671-150x02 - WD FIR - WAILL HVAC - CZ 15 NRCC-PRE-US.E Page 6 of 19 Project Address: CZ 16 - WORST CASE Calculation Date/Time: 14:27, Frl, Jul 106, 2018 Compliance Scope: NewCompleto Input File Name: 150:03 - WD FIR - WAILL HVAC c-Id-515	Project Name: Ol-116671 - 150x32 - WD FLR - WALL HVAC - CZ 16 NRCC-PRF-OL-E Page 1 of 19	THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) 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 SCI Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc SILVER CREEK INDUSTRIES, INC. SILVER CREEK INDUSTRIES, INC. Building for the Next Generation
Project Name:	Project Name: 04-116671-150x32-WD FIR-WALL HVAC-C2 16	Project Name: 04-116571 - 150:93 - WD FLR - WALL HWAC - CZ 16 NRCC-PRE-01-E Page 7 of 19 Project Address: C2.16 - WORST CASE Calculation Date/Time: 14:27, Fit, Jul 105, 2018 Compliance Sospe: NewComplete Input File Name: 150:62 - WD FLR - WALL HWAC - Indicate which Confidence Sospe: NewComplete Input File Name: 150:62 - WD FLR - WALL HWAC - Indicate which Confidence Short Indicate which Confidence Confidence Confirmed	Project Name: 04-116571 - 150x32 - WD FLR - WALL HYAC - CZ 16 NRCC-PRF-QLE Page 2 of 19 Project Address: CZ 16 - WORST CASE Calculation Date/Time: 34-27, Frl, Jul 06, 2018 Cmpillance Scope: NewComplete Input File Name: 150x32 - WD FLR - WALL HYAC clids 16 C. PRIORITY PIAN CHECK/ INSPECTION ITEMS (in order of highest to lowest TDV energy savings) 1.st. Indoor Fairs Check envelope and mechanical Compillance Margin by Energy Component (from Table 8 column 4) Indoor Lighting Check envelope and mechanical Hospital Page 1 Report Version: Name 1 Report Version Name 2 Report Version: NRCC-PRF-QL-E-08082017-4377 Report Generated at: 2018-07-08 14:30:17	2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211 PROJECT NAME: VENTURA USD VENTURA CHARTER SCHOOL (1) 30' X 32' CLASSROOM BLDG SHEET TITLE: PRF FORMS ONE 16 WORST CASE 150' x 32'
Project Names: 04-116673 - 150x32 - WD FIR - WALL HVAC - CZ 15 NINCE PRIPOJEC Address: CZ 16 - WORST CASE Calculation Date/Times: 34-27, Fit, Jul 05, 2018 Complianco Scope: NewCompleta Input File Names: 150x32 - WD FIR - WALL HVAC.clbd16 F. ROOM CANTY RATIO (Adapted from NRCC-LT-04-K) Rectangular Spaces Room Number Task/Activity Description Room Length (ft) Room Width (ft) Room Cavity Height (ft) RCR Fass Fall NA NA NA NA NA NA NA N	Project Name: O4-115671 - 150x32 - WD FIR - WALL HVAC - C2.15 NRCC PRE-01.E Page 13 of 19 Project Address: C2.16 - WORST CASE Calculation Date/Time: 120x32 - WD FIR - WALL HVAC - C2.15	Project Name: O4-116671 - 150x32 - WD FIR - WALL HWAC - CZ 16	Project Address: Q2-16-FV1-150A32 - WD FLR - WAAL HWAC - C2-15 NRCC-PRF-Q1-E Fage 3 of 19	ARCHITECT OF RECORD PROJECT SPECIFIC STATE AGENCY APPROVAL
Project Name: 01-116771 - 150x52 - WD FLR - WALL HVAC - C2.15 NRCC-PRF-01-E Page 35 of 19 Project Address: C2.15 - WONST CASE Calculation Daily/Time: 14272, F1, Jul 06, 2018 Compliance Scope: NewComplete hypot File Name: 150x32 - WD FLR - WALL HVAC - C4.15 hypot File Name: 150x32 - WD FLR - WALL HVAC - C4.15 H. INDOOR & OUTFOOR LIGHTING ACCEPTANCE TESTS & FORMS (Adapted from NRCC-LTT-01-E and NRCC-LTD-03-E) \$ 130.4 Declaration of Required Acceptance Cartificates (WRCA) - Acceptance Certificates that most be verified in the field. (Detain copies and verify forms are completed and signed to post in field for Fleat impact for verify). Test Description NRCA-LTT-02-A NRCA-LTT-03-A NRCA-LTT-04-A NRCA	Project Name: Q4-116571 - 150x32 - WD FIR - WALL HVAC - C2 15	Project Name: 04-116671 - 150x32 - WD FIR - WALL HYMC - CZ 15 NRCC-PRF-GL-E Page 9 of 19	Project Name: D4-116671 - 150x32 - WD FLR - WALL HVAC - CZ.16 NRCC-PRF-01-E Page 4 of 19	ORIGINAL PC STATE AGENCY APPROVAL ORIGINAL PC STATE AGENCY APPROVAL FILE NUMBER: 33-SILVER IDENTIFICATION STAMP DATE 0 1 - 2 2 1 9 ORIGINAL PC STATE AGENCY APPROVAL FILE NUMBER: 33-SILVER IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT APP. NO: 04 - 116671 INCR: AC RM FLS DS SS KR DATE 08/21/2018 REVISIONS
CA Building Energy Efficiency Standards- 2016 Normaldential Compliance Report Version: NRCC-PRF-01-E-08092017-4377 Report Generated at: 2018-07-06 14:30:17	Project Name: 00-116677 - 150622 - WD FIR - WALL HVAC - CZ 16	Report Version: NRCC-PRF-Q1-E-08882017-4377 Report Generated at: 2018-07-06 14:30:17 Project Name:	Report Version: NRCC-PRF-Q1-E-08082037-4977 Report Generated at: 2018-07-06 14-39-17 Project Name: O4-116673-150-022 -WD FUR - WALL HVAC - C2.16 NRCC-PRF-Q1-E Page 5 of 19 Project Address: C2.16 - WORST CASE Calculation Date/Time: 34-27, Fit, Jul 06, 2018	SILVER CREEK INDUSTRIES 30' x 32' PC PROJECT NO: DRAWN BY: SCALE: AS NOTED DATE: 12-27-17 P.C. SHEET NUMBER A-0.5F



CERTIFICATE OF COMPLIANCE Outdoor Lighting Controls						Date Dec	^{pared:} 9.30.	47			CC-LTO- (Page 1	
Project Name: SILVER CREEK PC - TYPICA	AL CLASSROOM					Date He	9.30.	17				
A. Mandatory Outdoor Lightin	g Control Declaration S	tatements										
Check all that apply: Lighting shall be controlled by set	if-contained lighting control	devices which are co	ertified to t	he Energy	Commis	sion acco	rding to	the Title 2	0 Applian	ce Efficie	ncy	A CONTRACTOR OF THE CONTRACTOR
Regulations in accordance with § Lighting shall be controlled by a lighting shall be controlled by a lighting shall be controlled.	:110.9(a). lighting control system or end	ergy management c	ontrol syste	em in acco	ordance v	vith §110	.9. An In	stallation	Certificate	e shall be	submit	ted
in accordance with §130.4(b). All lighting controls and equipme	ent shall comply with the app	olicable requirement	s in §110.9	and shall	be instal	led in acc	ordance	with the n	nanufactu	ırer's inst	ructions	s in
accordance with §130.0(d). Part-Night Outdoor Lighting Cont	trols, as defined in Section 10	00.1(b), shall meet t	he requirer	nents in S	ection 11	LO.9(b)5.						
☐ All outdoor incandescent lumina ☐ All outdoor luminaires rated for	ires rated over 100 watts, de	etermined in accorda	ance with S	ection 13	0.0(c), sh	all be co	ntrolled b 30.0(c), s	oy a motion hall compl	n sensor. y with			
Uplight and Glare requirements All installed outdoor lighting sha	in accordance with Section 1 Il be controlled by a photoco	.30.2(b) entrol or outdoor as	tronomical	time-swit	ch contro	ol, or othe	er contro	l capable c	f automa	tically sw	itching	OFF
in accordance with Section 130.2 All installed outdoor lighting shall	¿(c)1. Ill be circuited and independ∈	ently controlled from	n other ele	ctrical load	ds by an a	automati	c schedu	ling contro	l in			
accordance with Section 130.2(c All installed outdoor lighting, wh	nere the bottom of the lumina	aire is mounted 24 f	feet or less	above the	ground,	shall be	controlle	d with aut	omatic lig	hting		
controls in accordance with Sect For Outdoor Sales Frontage, an a For Building Facade, Ornamenta	automatic lighting control sh	all be installed in ac	cordance w	ith Sectio	n 130.2(d	c)4.	d in accou	rdance wit	h Section	130.2(c)	5	
For Building Facade, Ornamenta Before an occupancy permit is good shall be certified as meeting the	granted for the newly constru	icted building or for	the addition	n, or for a	iny altere	ed outdoo	or lighting	g controls,				
applicable requirements of Secti	ion 130.2(c) and Reference N	Ionresidential Appe	ndix NA7.8.			,			og gang gan apan sekes dayan series 188			
CA Building Energy Efficiency Standards - 2	2016 Nonresidential Compliance	2									Augu	st 2016
STATE OF CALIFORNIA												
OUTDOOR LIGHTING CON CEC-NRCC-LTO-02-E (Revised 08/16)	ITROLS							CALIFO	RNIA ENER		SSION RCC-LTC)-02-E
CERTIFICATE OF COMPLIANCE Outdoor Lighting Controls						Date P	repared: 9.30			IN	(Page 2	
Project Name: SILVER CREEK PC - TYPI	CAL CLASSROOM						9.30	0.17				
B. Mandatory Outdoor Light	ing Control Schedule ar	nd Field Inspecti	on Check	list							T	
					Star	ndards C	omplying	. \A/ith		✓ if Ac Test F		Field
Outdo	or Lighting Control Schedule	•				hat apply		e empty if		/ if Acceptance Test Required		Field Inspector
			02	04	T OE	06	07	08	09	10		11
01	02 Type/ Description of Ligit		03	04	05			.		10		
Location and Application of Luminaires Being	outdoor motion sen photocontrol, outdoor a	stronomical time-	# of	§130.2(a)	§130.2(c)1	§130.2(c)2	§130.2(c)3	§130.2(c)4	\$130.2(c)5		Pass	<u>≅</u>
Controlled	switch control, autom control, part-night outdo	=	Units	5.	915	\$15	\$13	\$11	913			
Entry Door	Wall Pack		1		*	•	*				00	00
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CA Building Energy Efficiency Standards	- 2016 Nonresidential Compliance	ce									Aug	gust 2016
STATE OF CALIFORNIA OUTDOOR LIGHTING COI CEC-NRCC-LTO-02-E (Revised 08/16)	NTROLS							CALIF	ORNIA ENE	RGY COM	MISSION	
CERTIFICATE OF COMPLIANCE Outdoor Lighting Controls											VRCC-LT (Page	O-02-E 3 of 3)
Project Name: SILVER CREEK PC - TYPICAL C	LASSROOM					Date	Prepared: 9.3	30.17				
DOCUMENTATION AUTHOR'S DECLAR 1. I certify that this Certificate of Control	moliance documentation is accu	urate and complete.						6				
Documentation Author Name: Ryan McIntosh Company: Silver Creek	1	Documentation Author Signature Date: 9.30	or Signature: R	tyan E I	McIntos	sh		District stoord by Rose District configuration is Middle Configuration in Middle Configuration (Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration	n E Nichtiock eth, ordiber Chaek Iso, euribbe risk - 47107	dor-Dudgo-Englassing, sa	išmerchámis (balien-cand	kasi, orlif
Address:		CEA Certification Iden		licable):								
City/State/Zip: RESPONSIBLE PERSON'S DECLARATIO	ON STATEMENT	Phone:										2
I certify the following under penalty o	of perjury, under the laws of the	ie and correct.		L				ind == · · ·	Aut In	of C	aner	
2. I am eligible under Division 3 of t	the Business and Professions Co nance specifications, materials, o	de to accept responsil components, and man	ufactured d	evices for t								
(responsible designer). 3. The energy features and perform	lirements of Title 24, Part 1 and	Part 6 of the Californial on this Certificate of	a Code of Re Compliance	gulations. are consist	tent with t	the inform	nation pro	vided on ot	her applica			
(responsible designer). 3. The energy features and perform Compliance conform to the requ	anad comu of this Cartificate of C	Compliance shall be ma	ade available	e with the l	ouilding pe	ermit(s) is	sued for t	he building,	and made	available e docume	to the entation	the
(responsible designer). 3. The energy features and perform Compliance conform to the requ 4. The building design features or s documents, worksheets, calculat 5. I will ensure that a completed sign enforcement agency for all appliance.	icable inspections. I understand		r Signature: Jo						by John W Startin V Startin, o-Säver Cr 25 11:39:37 -07:00			
(responsible designer). 3. The energy features and perform Compliance conform to the requ 4. The building design features or sequences worksheets calculated.	icable inspections. I understand											
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(responsible designer). 3. The energy features and perform Compliance conform to the requ 4. The building design features or s' documents, worksheets, calculat 5. I will ensure that a completed signenforcement agency for all applibuilder provides to the building of Responsible Designer Name: Company: Silver Creek Address:	icable inspections. I understand	Date Signed: 6.25.1	8									

		E (Revised 01/16) COMPLIANCE		CALIFORNIA ENERGY COMMISSION NRCC-PLB-01					
		System General Inform	nation	(Page 1 of					
		CREEK PC - TYPICAL CLAS		Date Prepared: 9.30.17					
	SILVER	CREEK PC - ITPICAL CLA	35ROCIVI						
A. GENI	RAL IN	ORMATION/SYSTEM	INFORMATION	1					
		ater System Name:		WH-1					
		ater System Configura	ntion:						
		ater System Type:	<u></u>	Domestic Hot Water					
	uilding T			Nonresidential					
		nber of Water Heater	in Systems:	1					
		HW Distribution Type							
		Unit DHW Distribution							
<u>. -</u>									
		TER INFORMATION							
		ter type requires a sep	parate complian						
		ater Type:		Instantaneous Small - Electric					
	uel Typ			Electricity					
		ture Name:		SP 3012					
	lodel Nu	ımper: of Identical Water Hea		1					
				.93					
	Installed Water Heater System Efficiency: Required Minimum Efficiency:		Efficiency.	.93					
		Loss Percent or Stand	ov Loss Total:						
	Rated In		77 LO33 TOTAL:	3 KW					
	ilot Ene								
		eater Tank Storage Vo	lume:						
		nsulation on Water H							
		of Supplemental Stora	~						
		nsulation on Supplem							
		nsulation on Supplem							
C. PLUN	ABING C	OMPLIANCE FORMS	WORKSHEETS						
		rksheet is included.							
For deta	iled instr	uctions on the use of thi	s and all Energy S	Standards compliance documents, refer to the 2016 Nonresidential Manual					
Note: Th	e Enforce			e documents to be incorporated onto the building plans.					
YES	NO	Doc/Worksheet #	Title						
<u> </u>	0	NRCC-PLB-01-E		Compliance, Declaration. Required on plans for all submittals.					
0	0	NRCI-PLB-01-E		Installation. Required on plans for all submittals. Installation, required on central systems in high-rise residential,					
0	0	NRCI-PLB-02-E	hotel/motel a						
_	1	NOCI DI B O2 F	Certificate of	Installation, required on single dwelling unit systems in high-rise					
0	0	NRCI-PLB-03-E	residential, h	otel/motel application.					
0	0	NRCI-PLB-21-H	residential, h	Installation, required on HERS verified central systems in high-rise otel/motel application.					
0	0	NRCI-PLB-22-H		Installation, required on HERS verified single dwelling unit systems in hal, hotel/motel application.					
0	0	NRCI-STH-01-E	Certificate of	Installation, required on any solar water heating					

	NRCC-PLB-01-E (Revised 01/16)	CALIFORNIA ENERGY COMMISSION NRCC-PLB-01-
	TIFICATE OF COMPLIANCE	
Wat	ter Heating System General Information	(Page 2 of 2
Projec	* Name: SILVER CREEK PC - TYPICAL CLASSROOM	Date Prepared: 9.30.17
	CUMENTATION AUTHOR'S DECLARATION STATEMENT	
1.	I certify that this Certificate of Compliance documenta	tion is accurate and complete.
Docu	mentation Author Name: Ryan McIntosh	Documentation Author Signature: Ryan E McIntosh
Comp	^{pany:} Silver Creek	Signature Date: 9.30.17
Addre	ess:	CEA/ HERS Certification Identification (if applicable):
City/	State/Zip:	Phone:
1. 2. 3.	identified on this Certificate of Compliance (responsib The energy features and performance specifications, a system design identified on this Certificate of Complia California Code of Regulations. The building design features or system design feature	iance is true and correct. essions Code to accept responsibility for the building design or system design
4. 5.	the enforcement agency for approval with this buildin I will ensure that a completed signed copy of this Cert issued for the building, and made available to the enfo signed copy of this Certificate of Compliance is require owner at occupancy.	g permit application. ificate of Compliance shall be made available with the building permit(s) orcement agency for all applicable inspections. I understand that a completed ed to be included with the documentation the builder provides to the building
5. Resp	the enforcement agency for approval with this buildin I will ensure that a completed signed copy of this Cert issued for the building, and made available to the enfo signed copy of this Certificate of Compliance is require owner at occupancy. ponsible Designer Name: John Starlin	in permit application. If if it is a possible permit application in the building permit (s) if it is a possible permit (s) is a possible permit (s) if it is a possible permit (s) is a possibl
5. Resp	the enforcement agency for approval with this buildin I will ensure that a completed signed copy of this Cert issued for the building, and made available to the enfo signed copy of this Certificate of Compliance is require owner at occupancy.	If permit application. Ifficate of Compliance shall be made available with the building permit(s) by the complete of the comp
5. Resp	the enforcement agency for approval with this buildin I will ensure that a completed signed copy of this Cert issued for the building, and made available to the enfo signed copy of this Certificate of Compliance is require owner at occupancy. ponsible Designer Name: John Starlin	in permit application. If if it is a possible permit application in the building permit (s) if it is a possible permit (s) is a possible permit (s) if it is a possible permit (s) is a possibl

APROVED

DIVISION OF STATE ARCHITECT

HIGH PERFORMANCE SECTION

APP:# 04-1/667 CATE: W 0/18

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) 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 SCI Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND 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:

VENTURA USD VENTURA CHARTER SCHOOL (1) 30' X 32' CLASSROOM BLDG

SHEET TITLE:

CERTIFICATE OF COMPLIANCE FORMS



ARCHITECT OF RECORD

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APPO3 119682

APP03 119682

AC FLS SS TN

DATE 0 1 - 22 19

ORIGINAL PC STATE AGENCY APPROVAL

A SEPARATE DOCOMENT

FILE NUMBER: 33-SILVER

IDENTIFICATION STAMP

DIVISION OF THE STATE ARCHITECT

APP. NO: 04 - 116671 INCR:

AC RM FLS DS SS KR

DATE 08/21/2018

REVISIONS

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SILVER CREEK INDUSTRIES
30' x 32' PC

PROJECT NO:

DRAWN BY:

DATE: 12-27-17

P.C. SHEET NUMBER

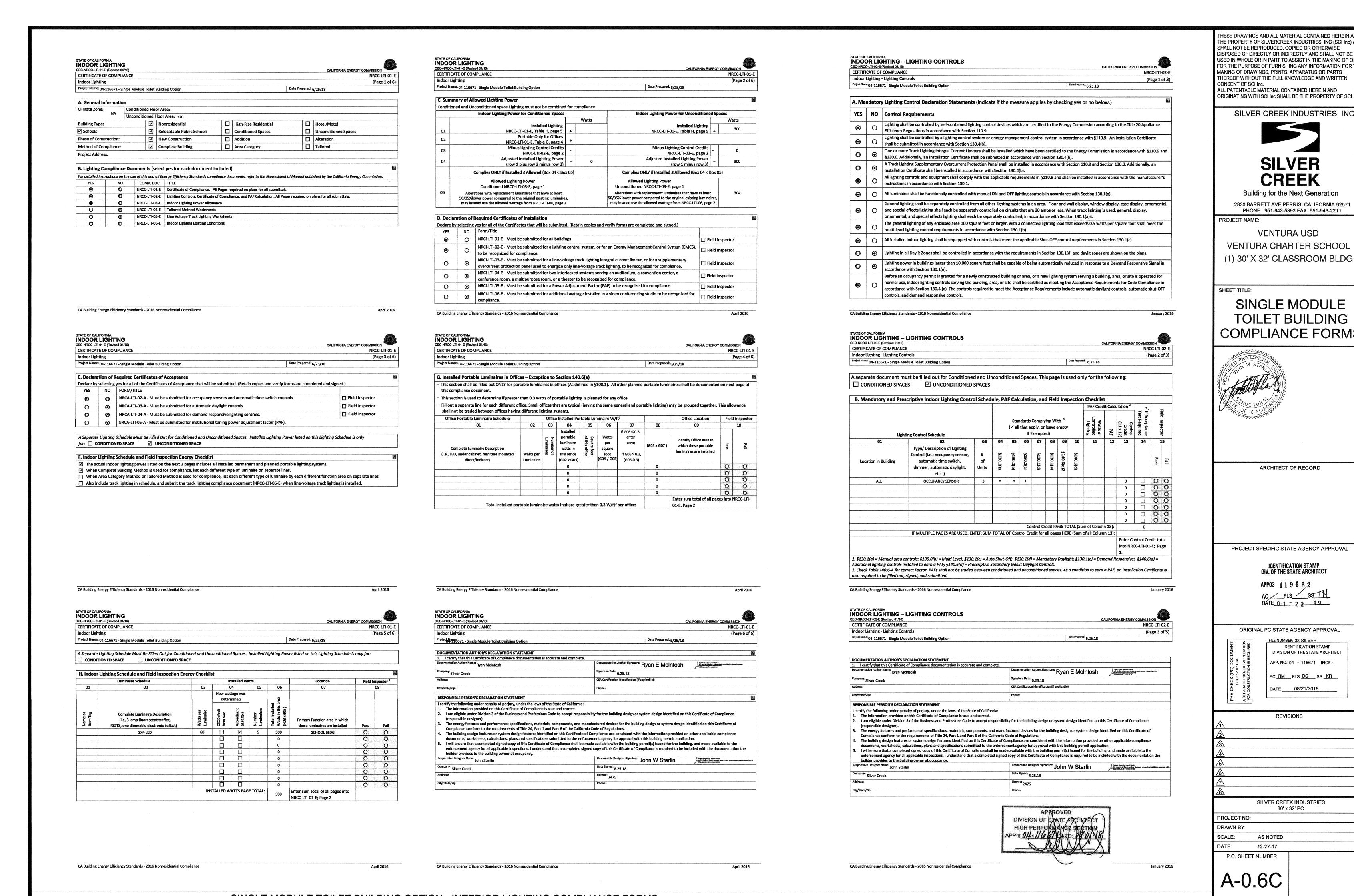
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AS NOTED

SCALE:

CERTIFICATE OF COMPLIANCE, WATER HEATER SYSTEM

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance



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SILVER CREEK INDUSTRIES, INC.

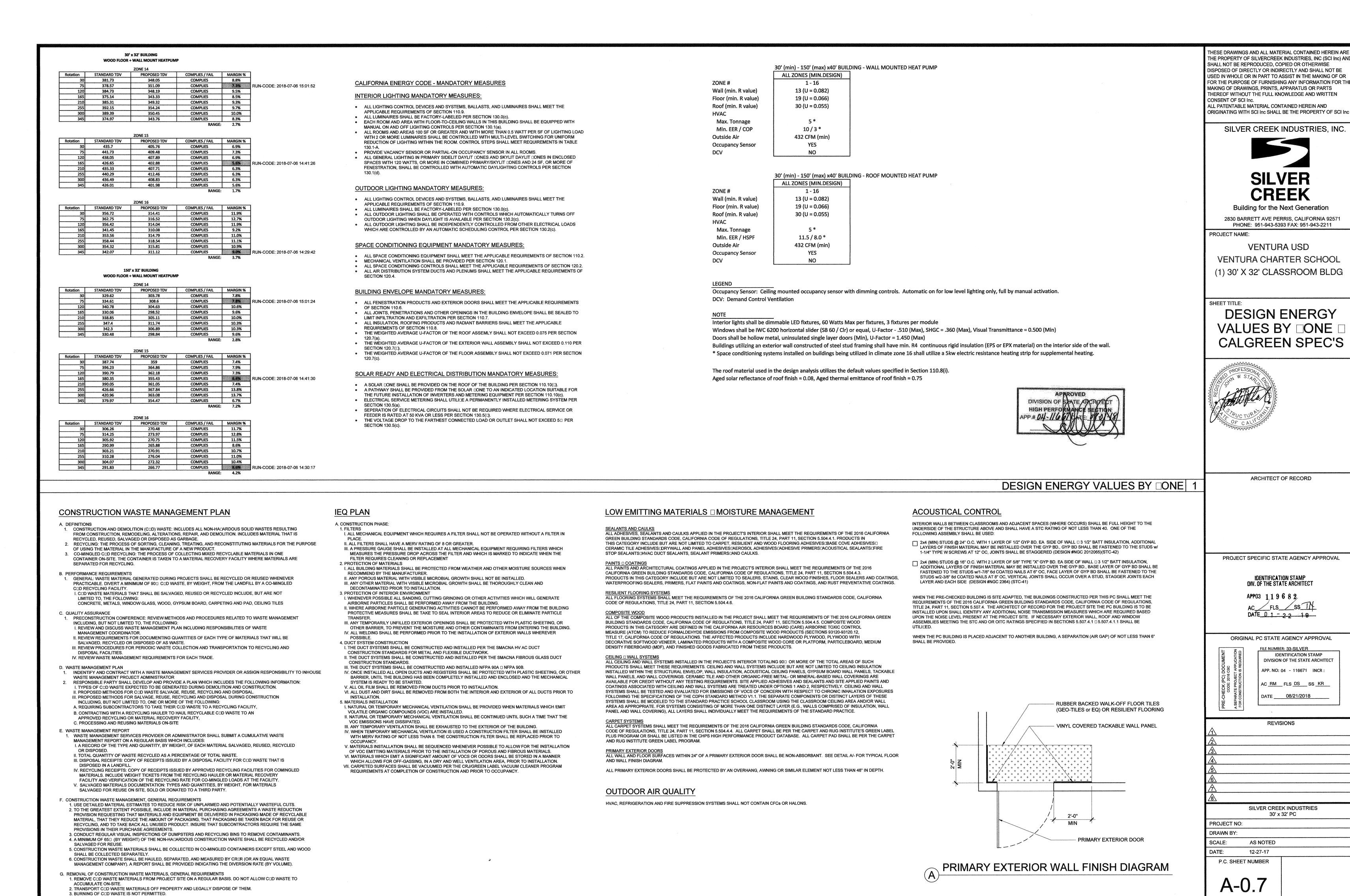
2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211

VENTURA CHARTER SCHOOL

SINGLE MODULE **TOILET BUILDING COMPLIANCE FORMS**

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	REVISIONS	
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SINGLE MODULE TOILET BUILDING OPTION - INTERIOR LIGHTING COMPLIANCE FORMS

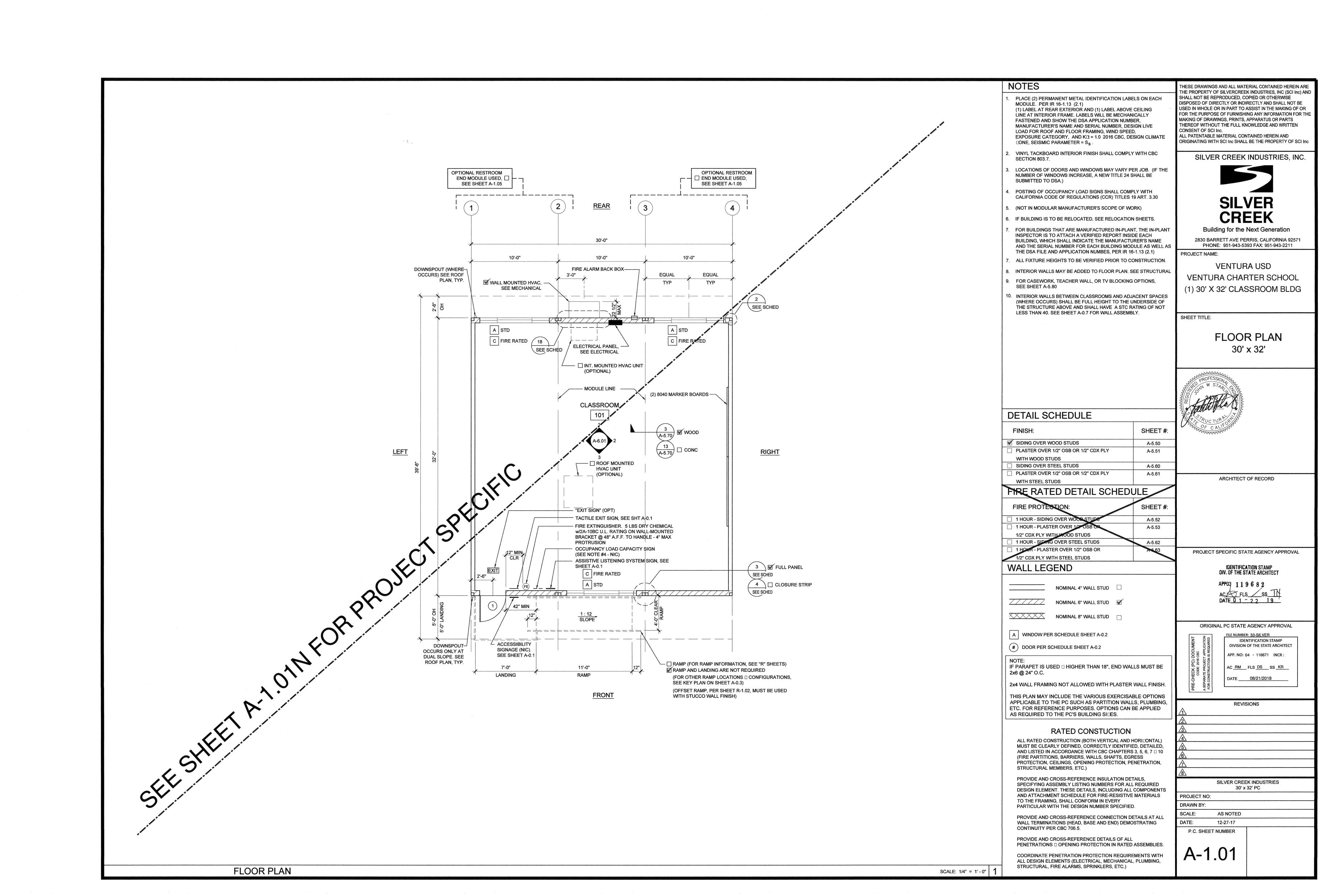


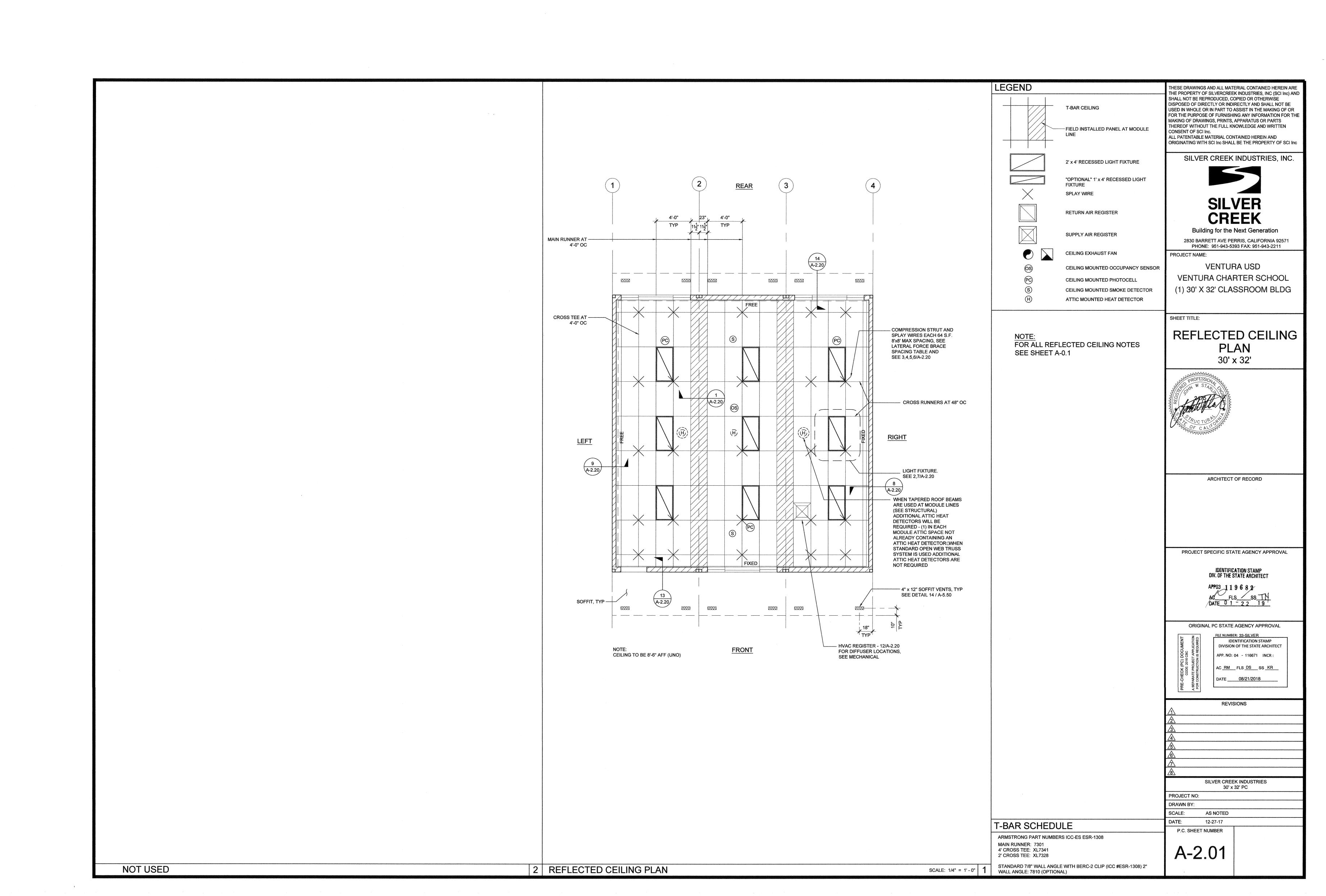
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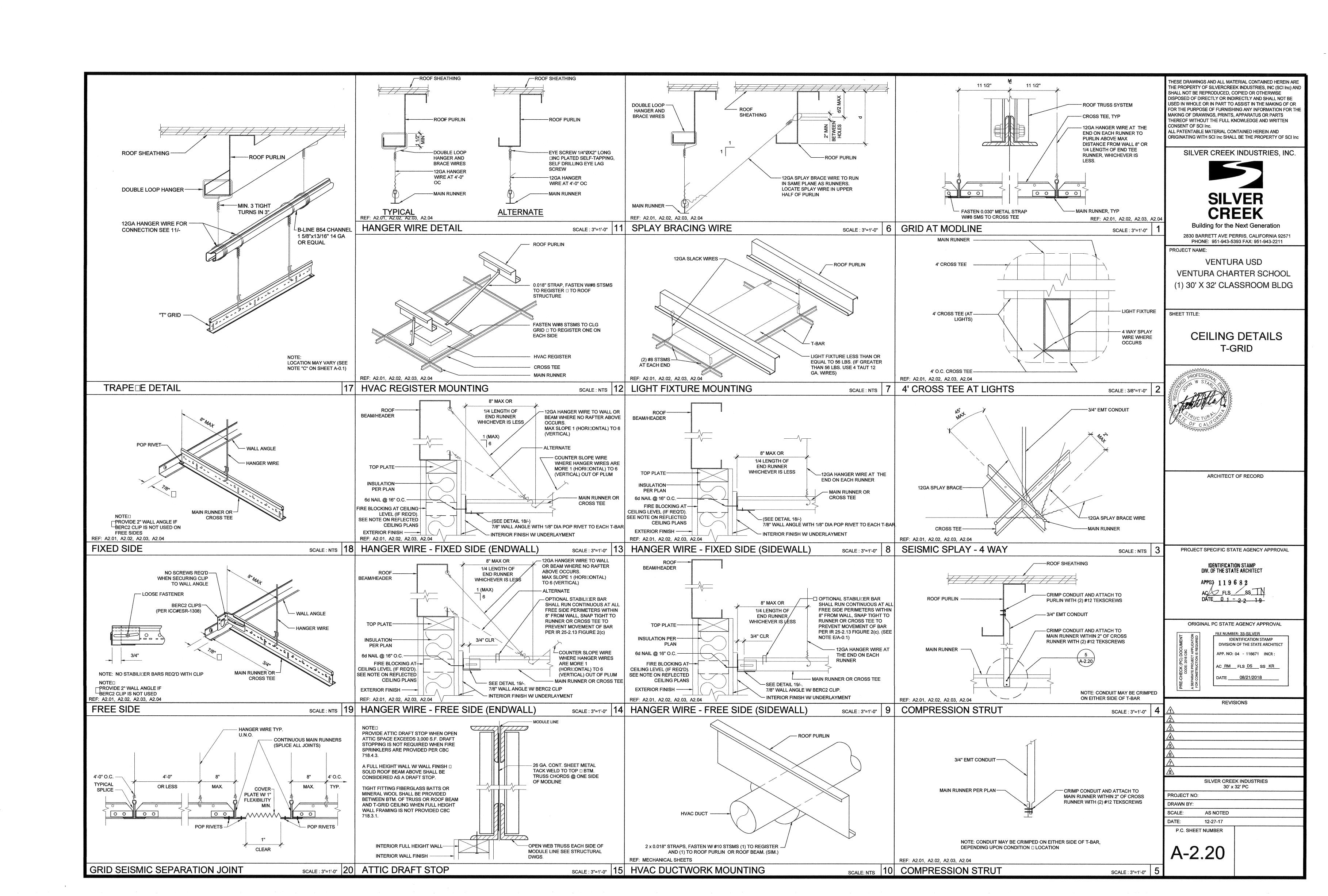
2830 BARRETT AVE PERRIS, CALIFORNIA 92571

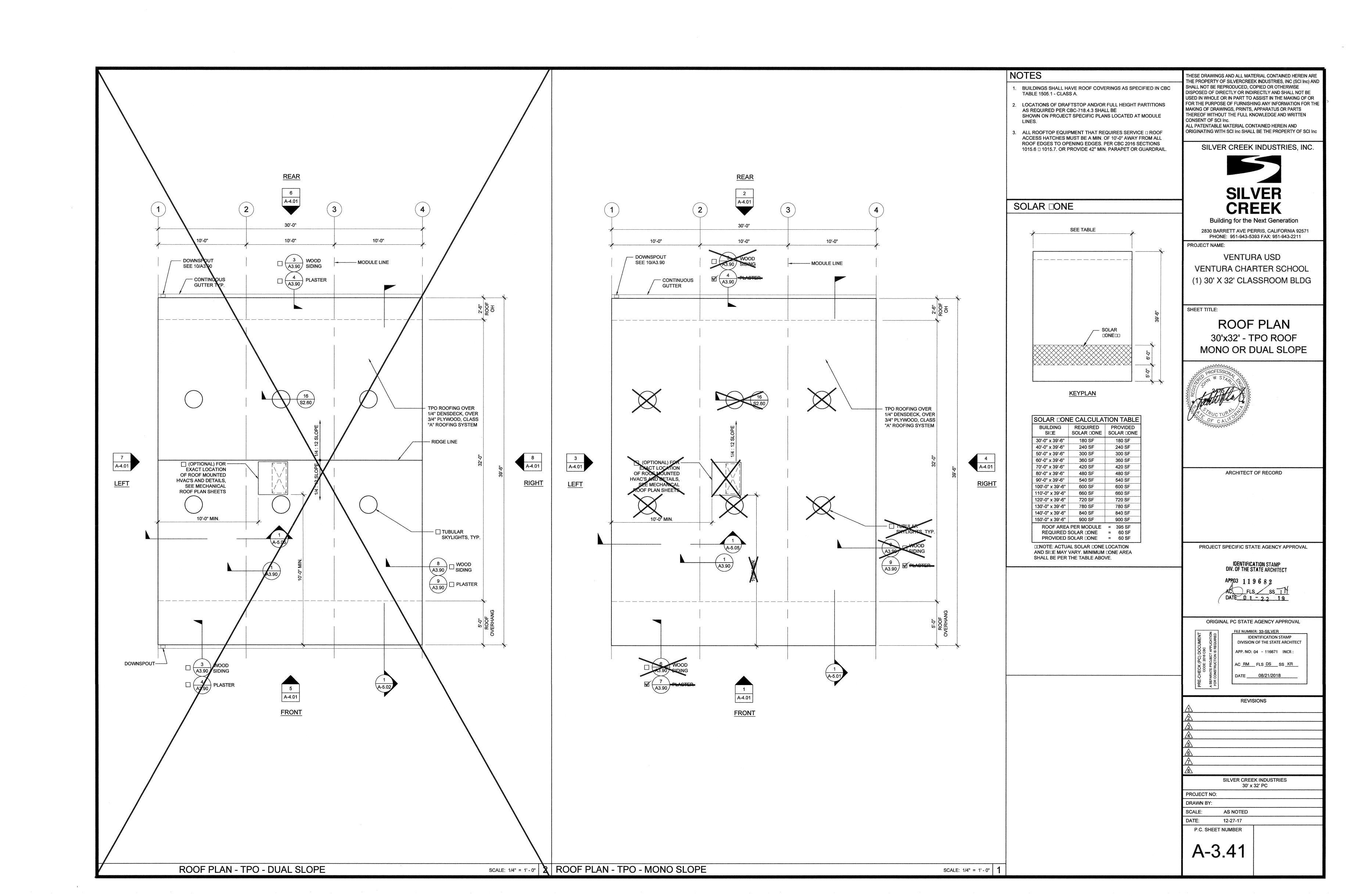
DESIGN ENERGY VALUES BY ONE

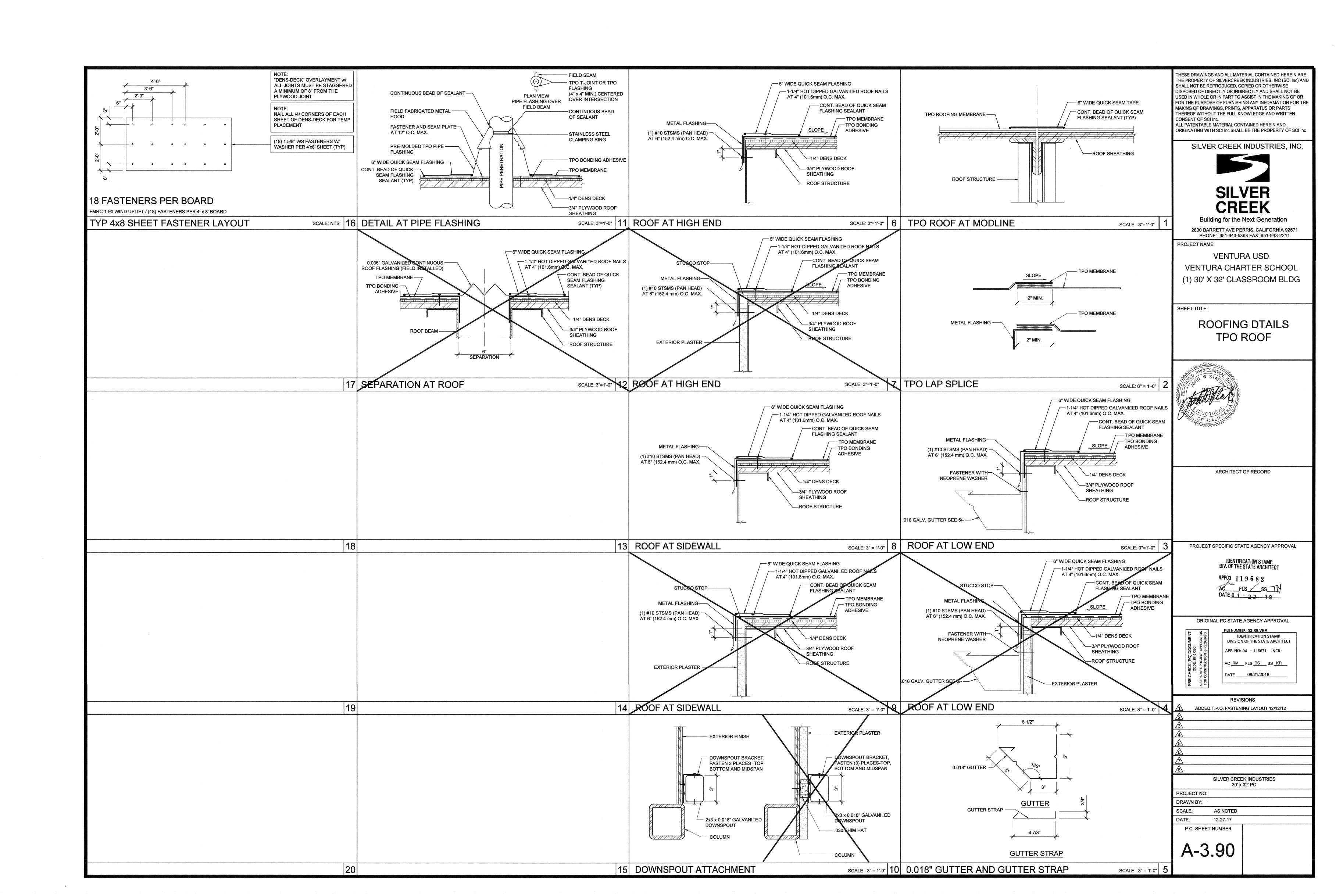
CALGREEN SPECIFICATIONS 2

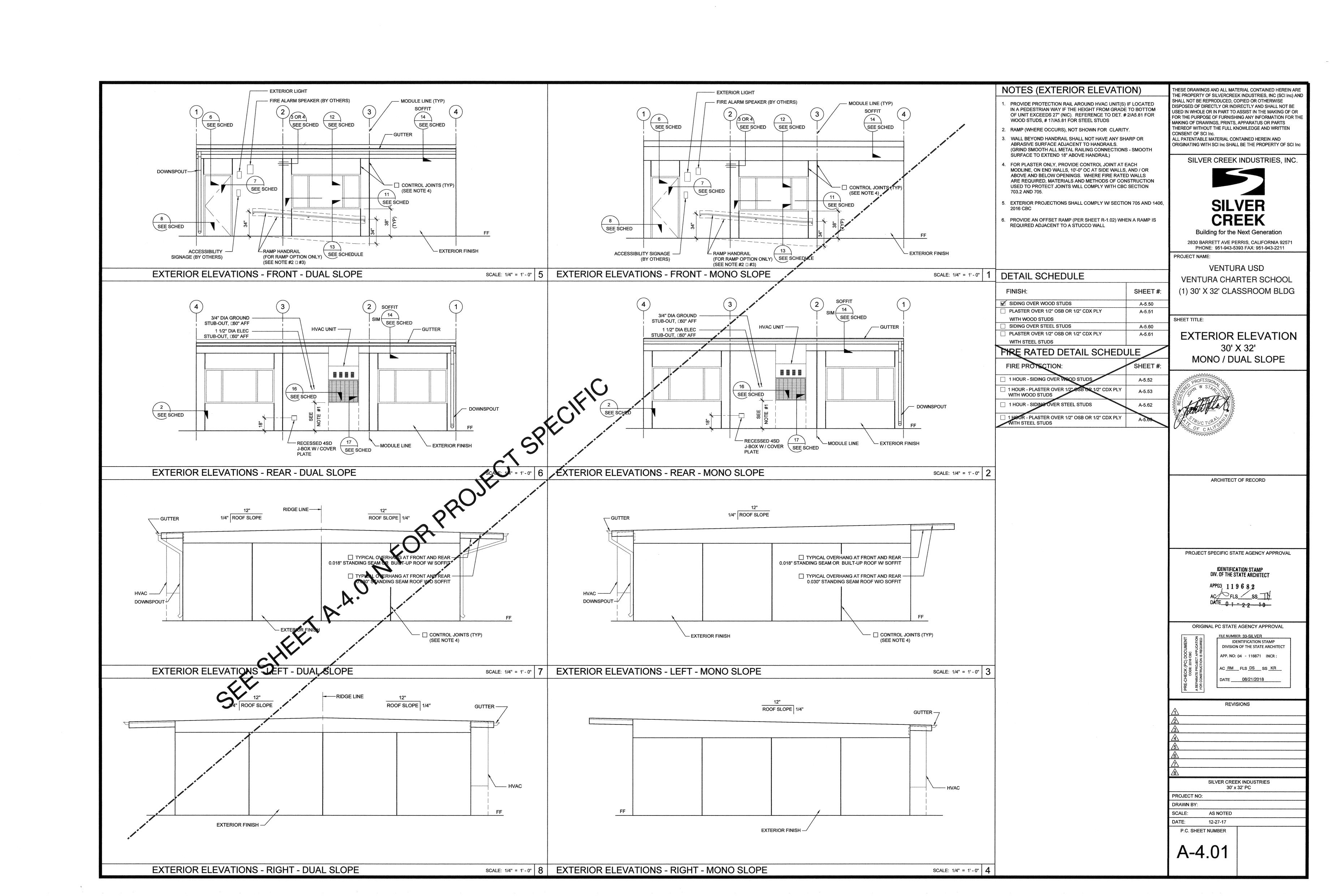


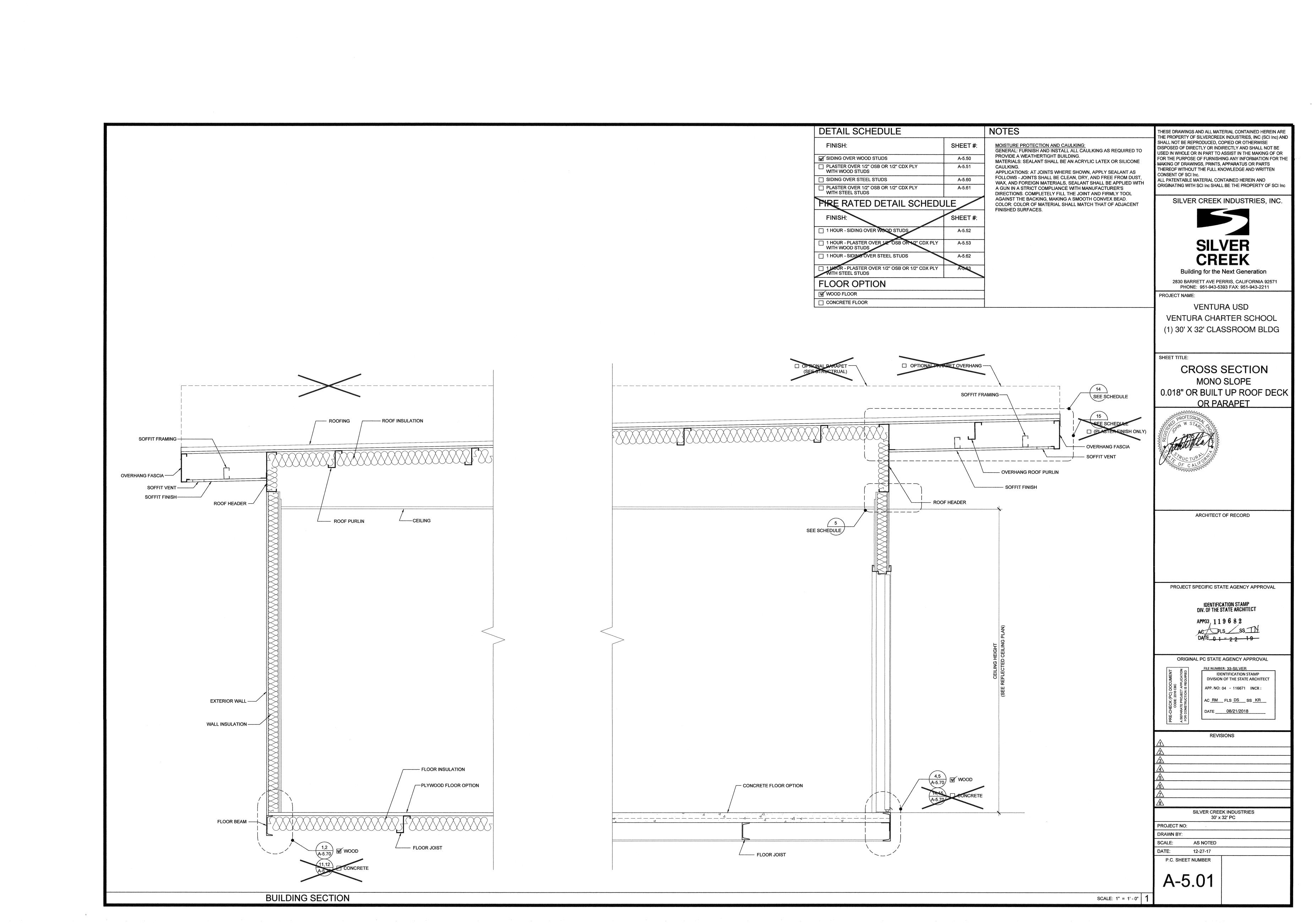


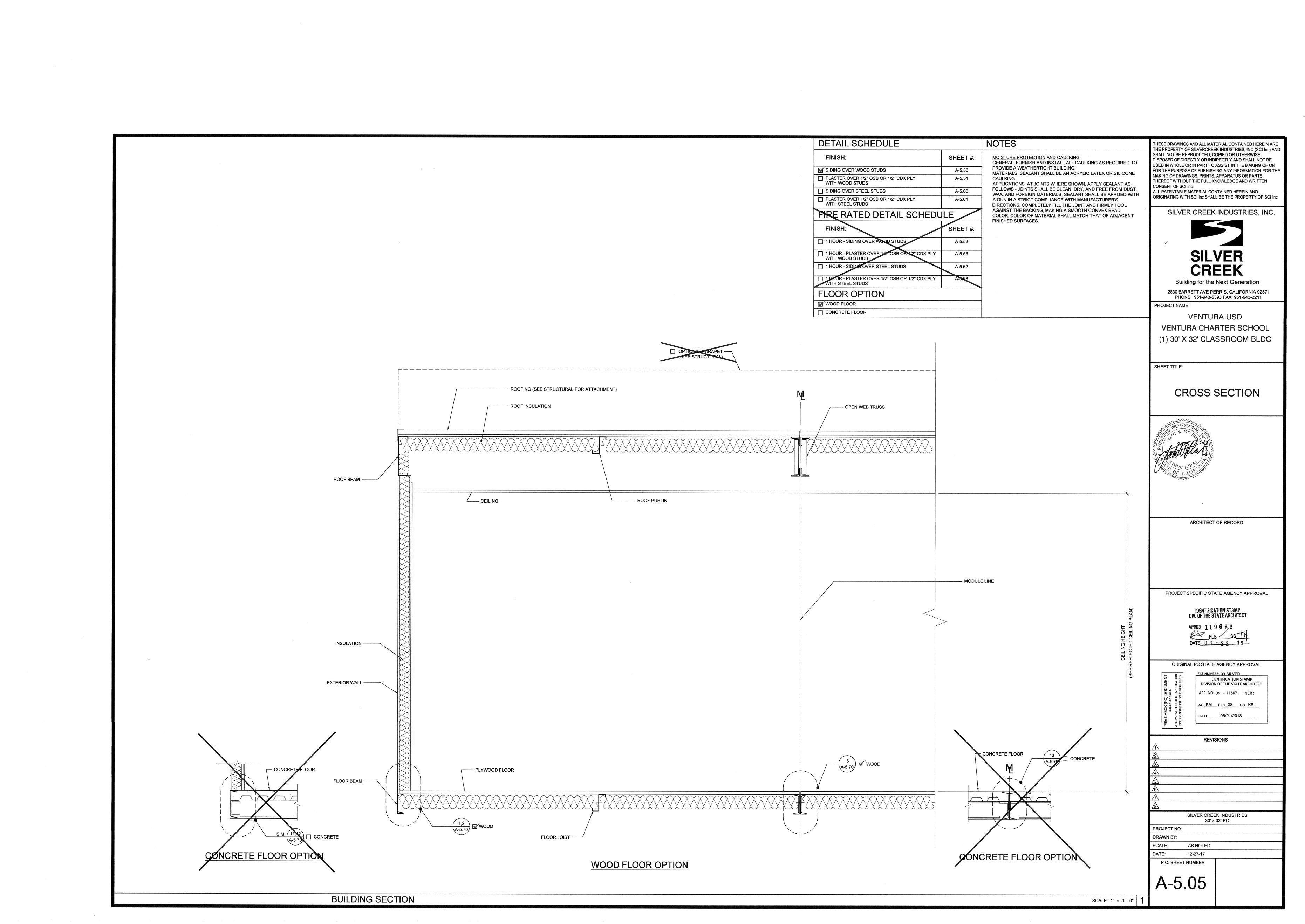


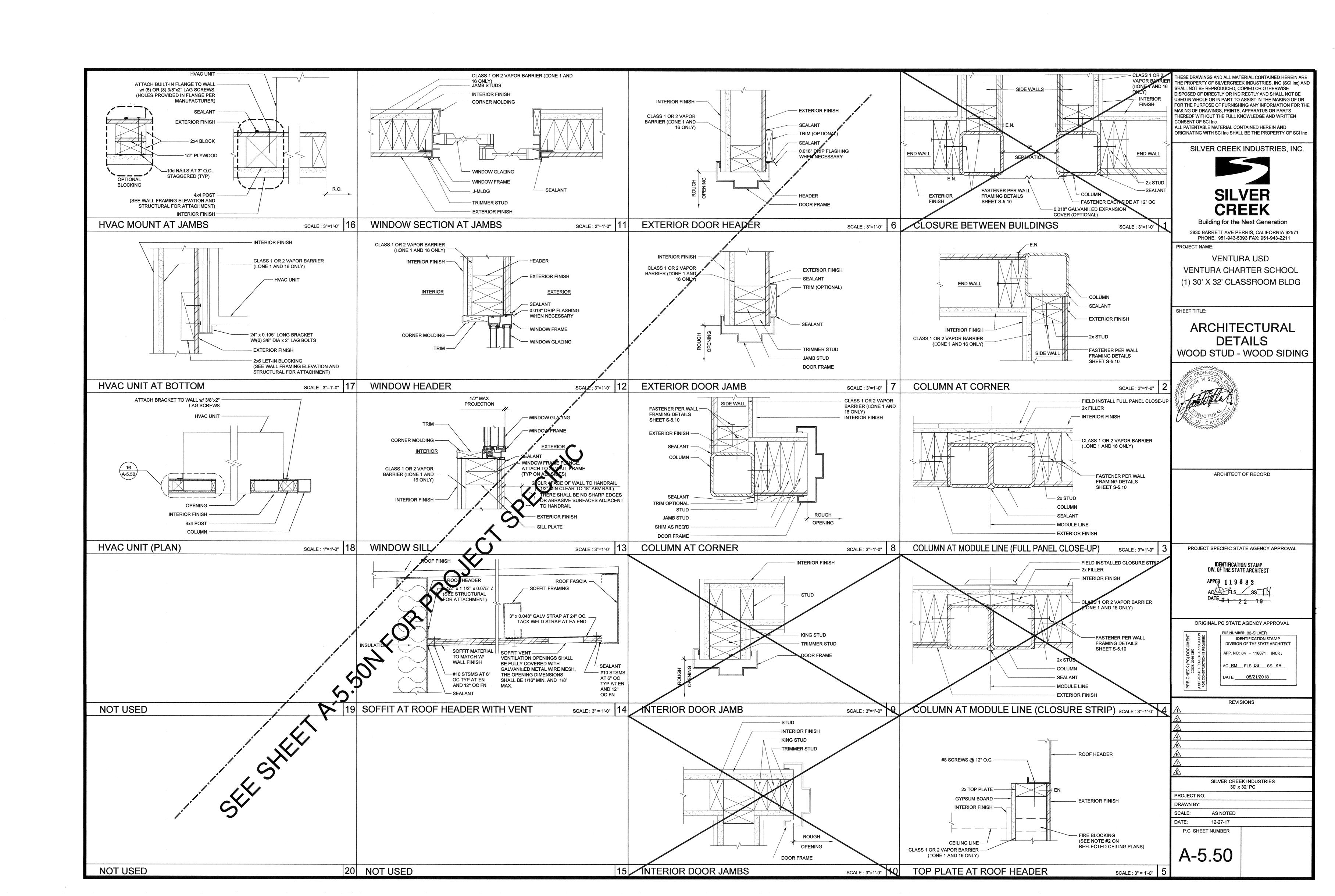


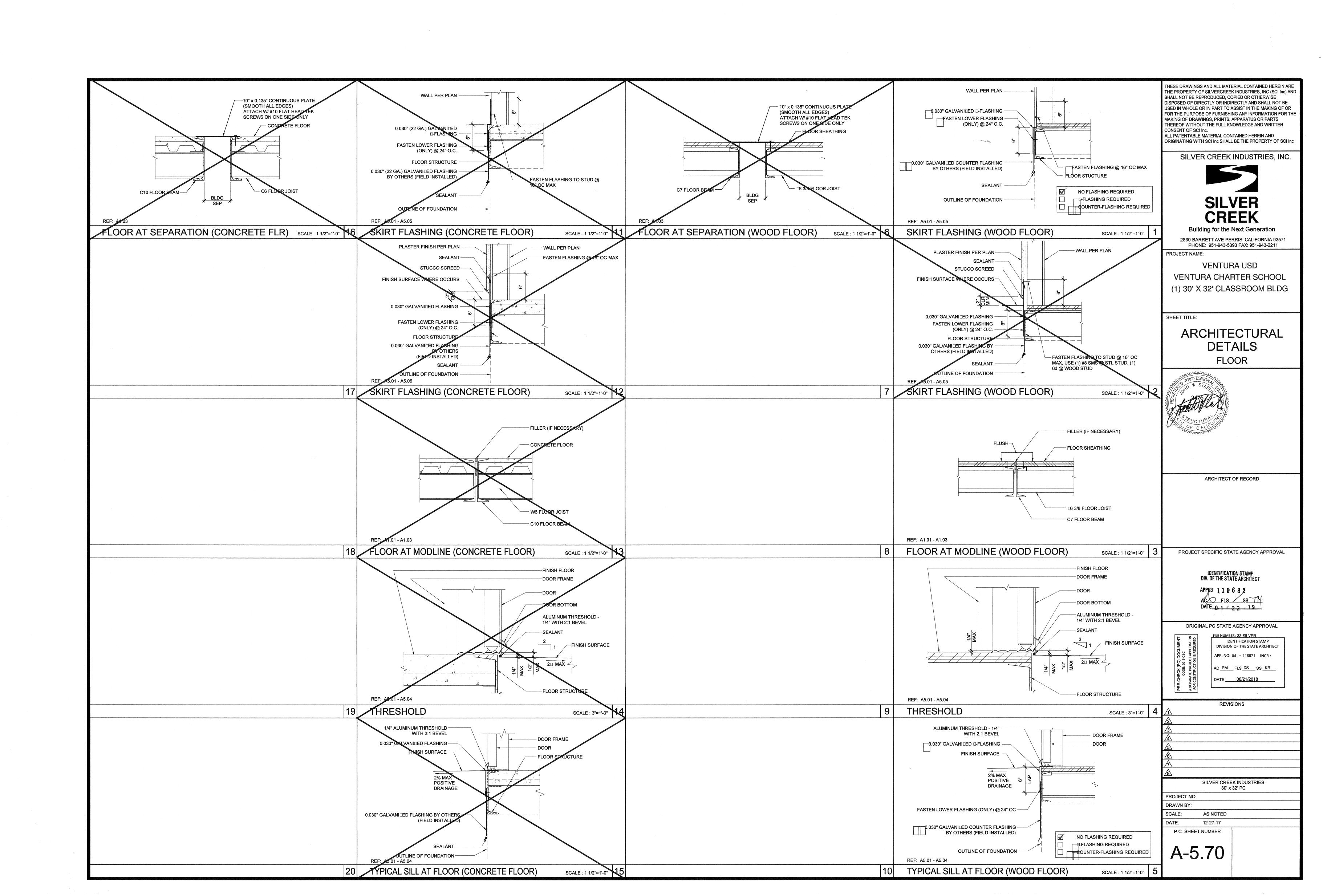


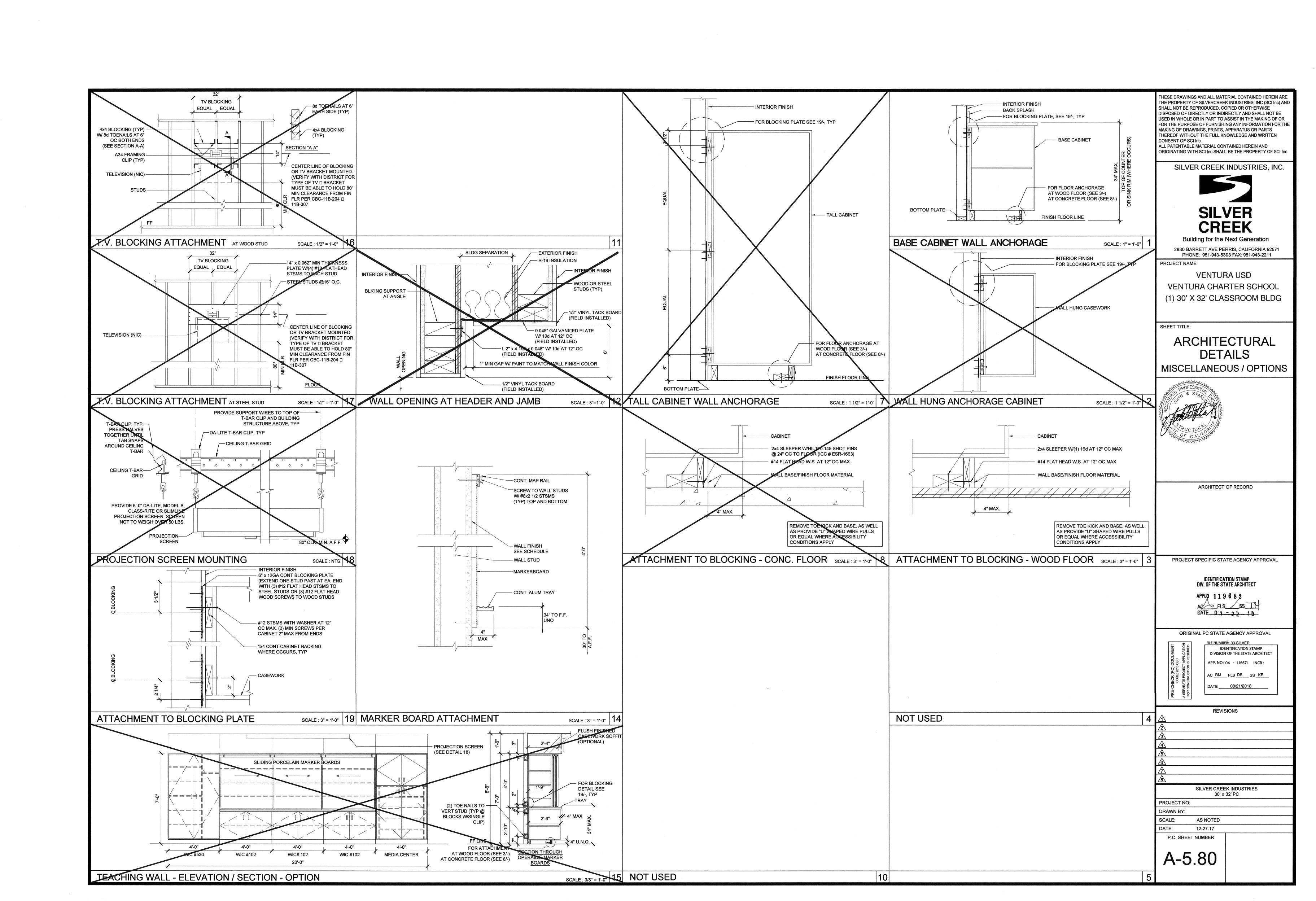


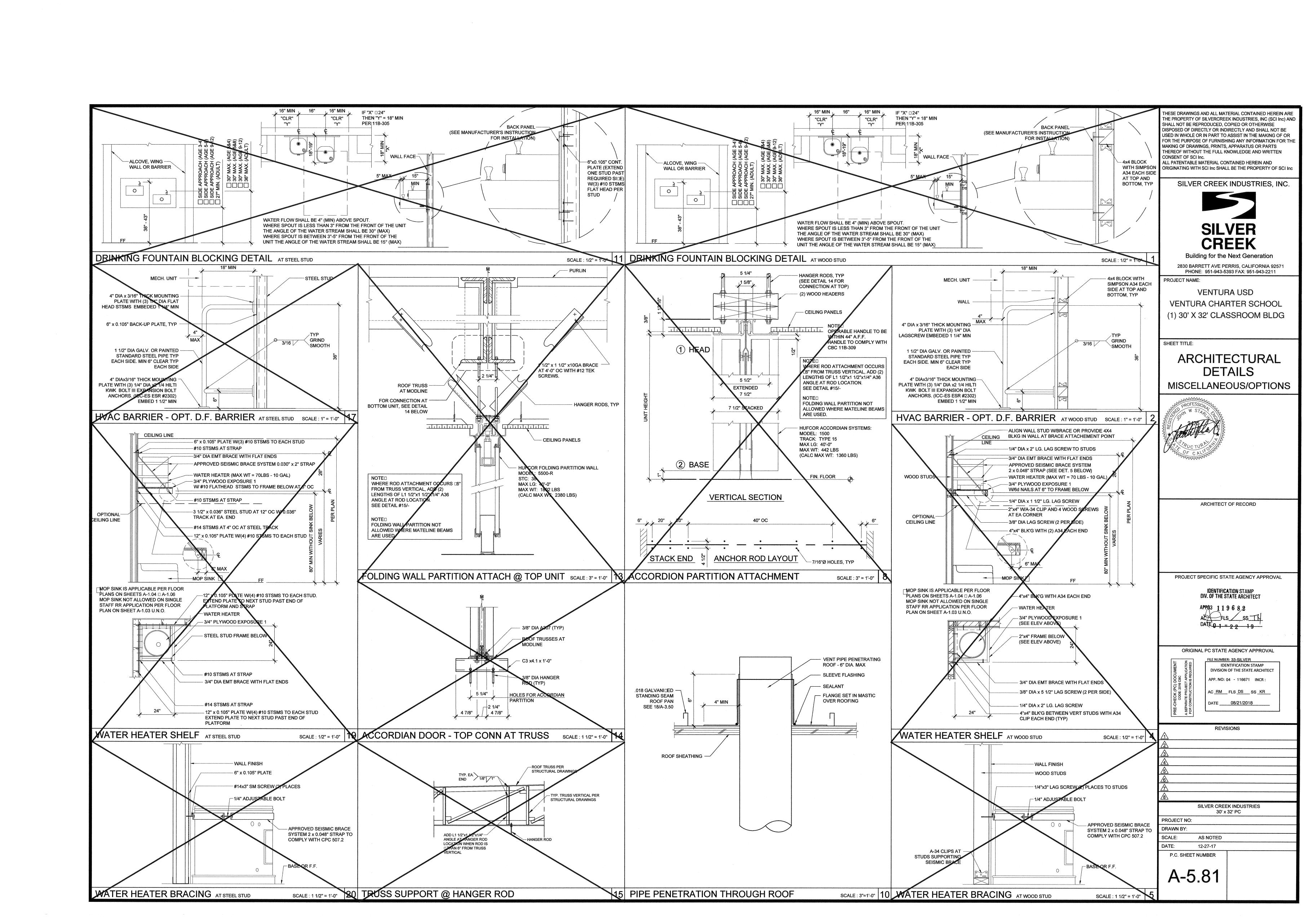


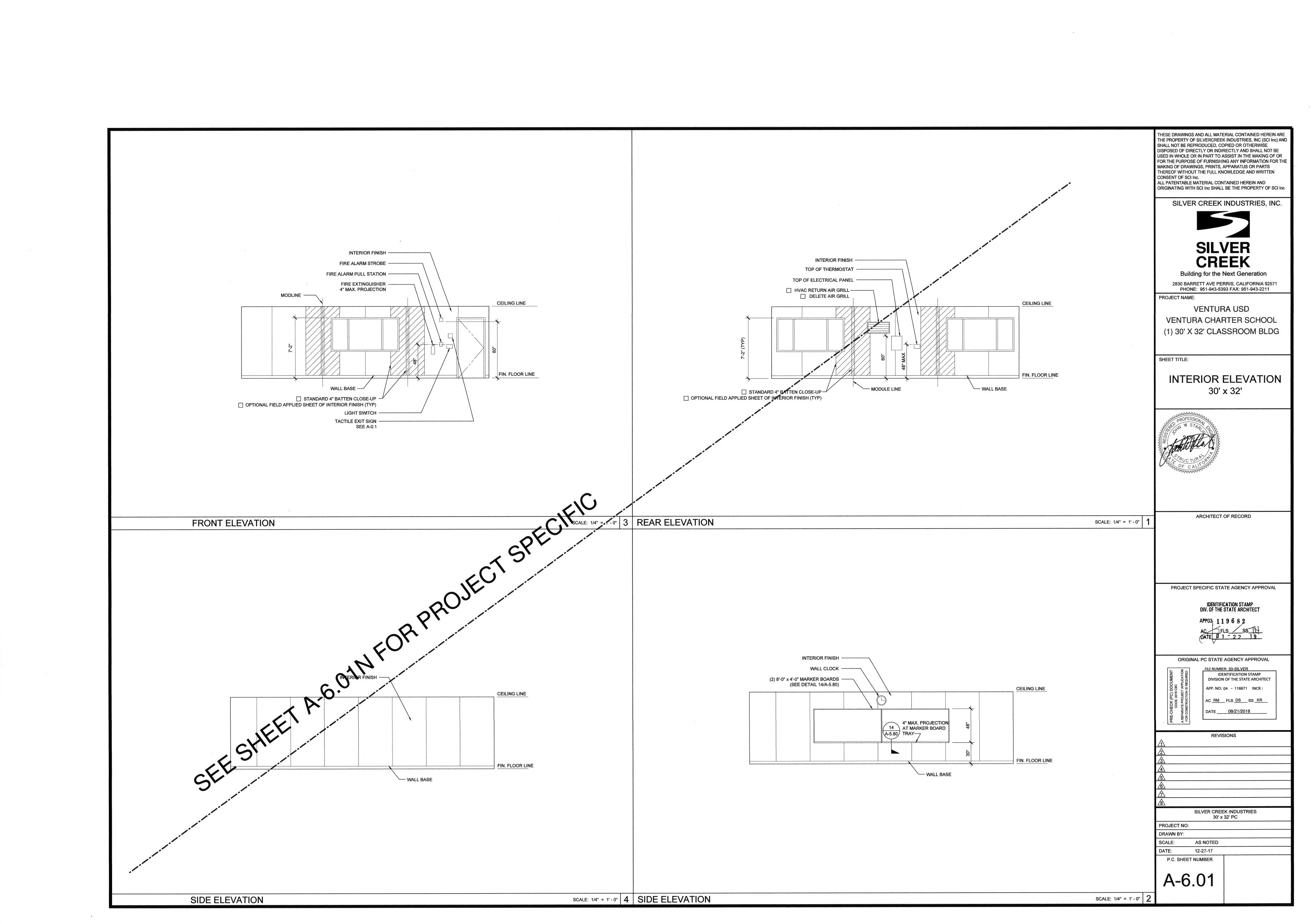


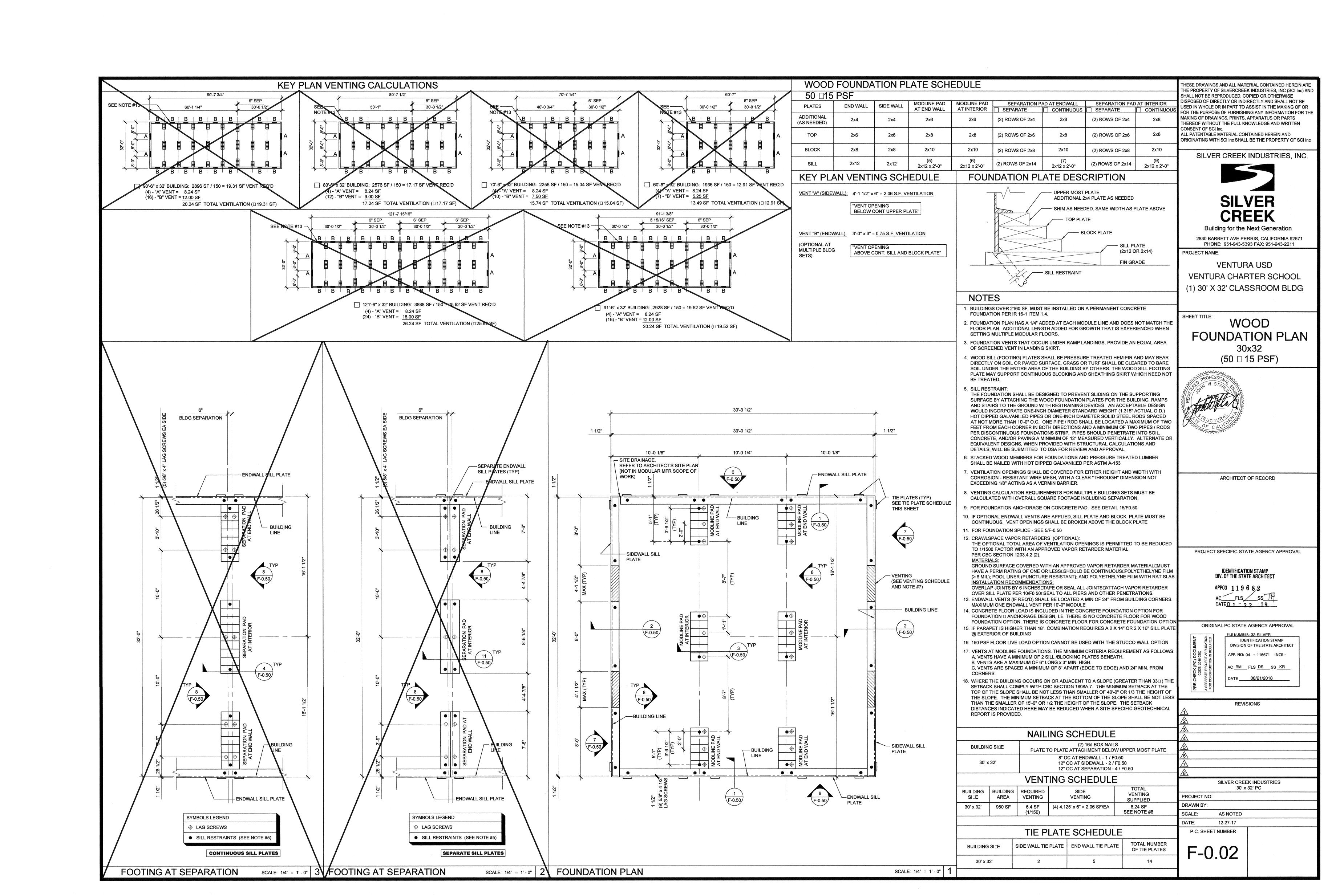


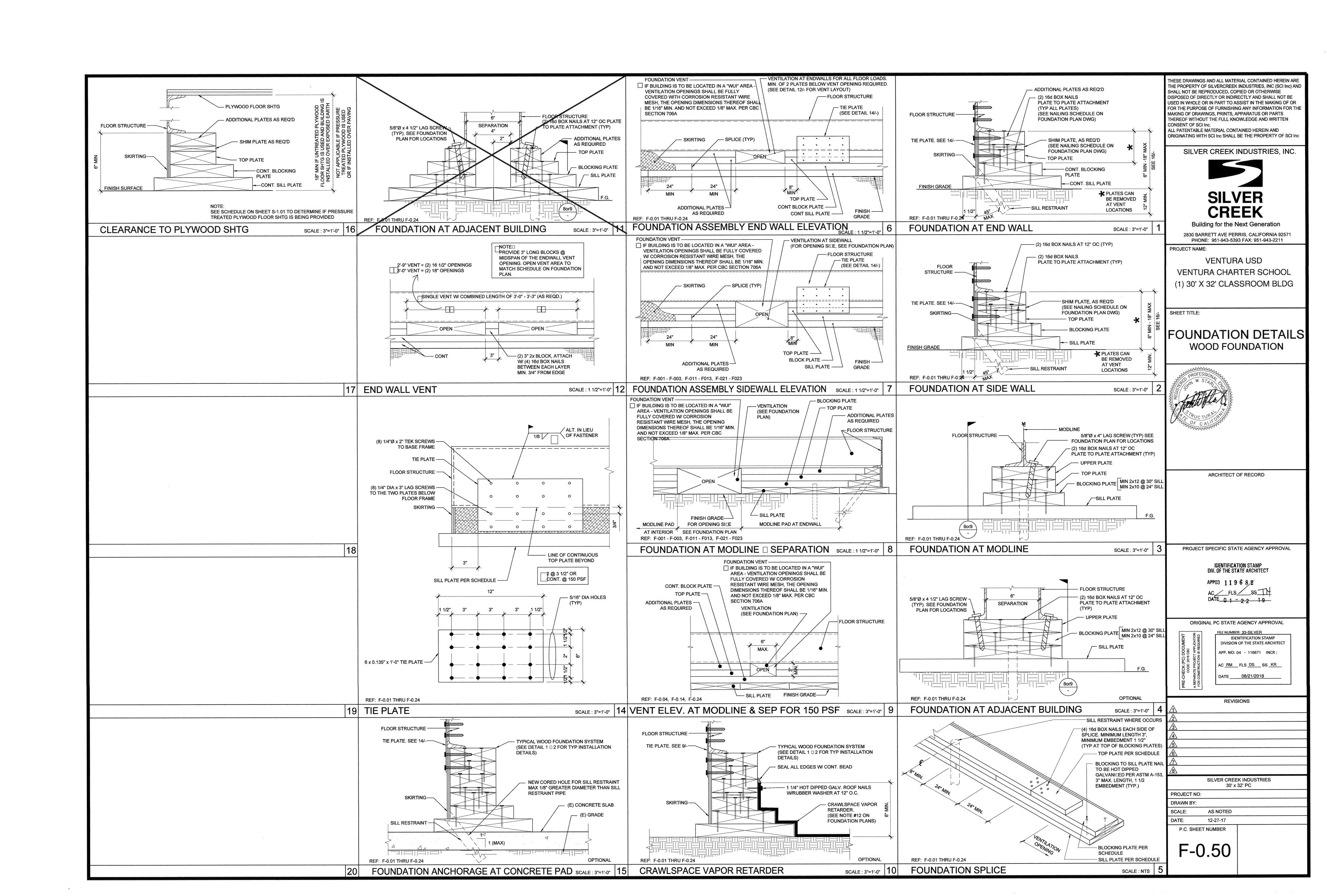












STRUCTURAL SPECIFICATIONS GEOTECHNICAL INVESTIGATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH SECTIONS 1803A.3 THROUGH 1803A.8. EXCEPTIONS, 1) GEOTECHNICAL REPORTS ARE NOT REQUIRED FOR ONE-STORY, WOOD-FRAME AND LIGHT-STEEL-FRAME BUILDINGS OF TYPE II OR TYPE V CONSTRUCTION AND 4,000 SQUARE FEET OR LESS IN FLOOR AREA, NOT LOCATED WITHIN EARTHQUAKE FAULT □ONES OR SEISMIC HA□ARD ONES AS SHOWN IN THE MOST RECENTLY PUBLISHED MAPS FROM THE CALIFORNIA GEOLOGICAL SURVEY (CGS) OR IN SEISMIC HA□ARD □ONES AS DEFINED IN THE SAFETY ELEMENT OF THE LOCAL GENERAL PLAN, 2) A PREVIOUS REPORT FOR A SPECIFIC SITE MAY BE RESUBMITTED, PROVIDED THAT A REEVALUATION IS MADE AND THE REPORT IS FOUND TO BE CURRENTLY APPROPRIATE. ALLOWABLE FOUNDATION AND LATERAL SOIL PRESSURE VALUES MAY BE DETERMINED FROM TABLE 1806A.2 PER CBC SECTION 1803A.2 PROVIDE NECESSARY SHIMS ON FOOTINGS NOT LEVEL WITHIN THE 1/2" ALLOWABLE TOLERANCE. THE DISTRICT SHALL PROVIDE CLEAR AND UNOBSTRUCTED ACCESS TO THE SITE. THE DISTRICT IS RESPONSIBLE FOR ALL SURVEYING, STAKING THE BUILDING CORNERS, SETTING THE FINISH FLOOR ELEVATION, RIGGING, CRANING, EXCAVATION, SPOIL REMOVAL, AND BACKFILL. THE FOUNDATION AND THE METHOD OF FASTENING THE UNITS SHALL BE AS SHOWN ON DRAWINGS WHERE APPLICABLE. HIGH STRENGTH GROUT SHALL BE EMBECO 885 NON-SHRINK, METALLIC AGGREGATE GROUT OR A DSA APPROVED EQUAL. THE DESIGN OF CONRETE FOUNDATIONS WILL BE AS FOLLOWS: 1. FURNISH AND INSTALL ALL CONCRETE WORK AS SHOWN ON THE DRAWINGS AND AS SPECIFIED. 2. EXCEPT AS MODIFIED BY THE REQUIREMENTS SPECIFIED HEREIN AND / OR THE DETAILS ON THE DRAWINGS, ALL WORK INCLUDED IN THIS SECTION SHALL CONFORM TO THE APPLICABLE PROVISIONS OF a) ALL WORK AND MATERIALS SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS, AMERICAN CONCRETE INSTITUTE (ACI): BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI318-11. c) SOCIETY FOR TESTING AND MATERIALS (ASTM): THE SPECIFICATIONS AND STANDARDS HEREINAFTER REFERENCED TO SHALL BE OF THE LATEST EDITION. 3. CONCRETE FOUNDATION TESTS AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE ARCHITECT AND OR INSPECTOR. 4. DESIGN MIXES SHALL BE AS SPECIFIED IN TITLE 24. CONCRETE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS: (UNLESS REQUIRED OTHERWISE PER ACI 318-11 TABLE 4.3.1). CONCRETE COMPRESSIVE STRENGTH F'C= 3500 PSI WATER-CEMENT RATIO SHALL NOT EXCEED 0.60 BY WEIGHT PORTLAND CEMENT TYPE I NORMAL WEIGHT 5. FORMS SHALL BE SUBSTANTIAL, PLUMB, LEVEL, SQUARE, TRUE TO LINE, WATER TIGHT AND ACCURATE TO THE DIMENSIONS REQUIRED. 5. THE ARCHITECT SHALL APPROVE LOCATION OF: a) OPENINGS FOR MECHANICAL AND ELECTRICAL: PROVIDE FOR OPENINGS IN THE CONCRETE WITH

THE CONCRETE WITH THE TRADE(S) INVOLVED. INSTALL ALL SLEEVES AS MAY BE REQUIRED. 7. VARIANCE IN CONCRETE SLAB SURFACE SHALL BE NO MORE THAN 1/16" IN 10 FEET 8. ALL CEMENT SHALL BE TYPE 1 OR 11 PER ASTM C-150. (UNLESS REQUIRED OTHERWISE PER CBC 1802A.2.3

OPENINGS FOR VENT WELLS FOR UNDER FLOOR VENTILATION: PROVIDE FOR ALL OPENINGS IN

9. WATER CONTENT SHALL NOT EXCEED 7 1/4 GALLONS PER SACK OF CEMENT (UNLESS REQUIRED OTHERWISE PER ACI 318-11 TABLE 4.3.1) 10. AGGREGATE SHALL BE 3/4" TO 1 1/2" MAXIMUM SI□E BUT NOT MORE THAN 3/4" OF MINIMUM CLEAR BAR

THE TRADE(S) INVOLVED AND INSTALL SLEEVES AS MAY BE REQUIRED.

. ANCHOR BOLTS, DOWELS, REINFORCING STEEL, AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN

PLACE BEFORE CONCRETE IS POURED "WET SETTING" IS NOT ALLOWED. 12. REFER TO ARCHITECTURAL, ELECTRICAL, AND MECHANICAL PLANS FOR SLEEVES, INSERTS CURBS, DEPRESSED AREAS, AND ETC.

13. CONCRETE MIX REQUIRED: CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGN FOR FOOTINGS TO PROFESSIONAL OF RECORD FOR APPROVAL PRIOR TO POURING CONCRETE.

1705A.3.3. WAIVER OF BATCH PLAN INSPECTION.

A. WHEN BATCH PLANT INSPECTION IS WAIVED, THE FOLLOWING REQUIREMENTS SHALL APPLY: QUALIFIED TECHNICIAN OF THE TESTING LABORATORY SHALL CHECK THE FIRST BATCHING AT THE

LICENSED WEIGHMASTER TO POSITIVELY IDENTIFY MATERIALS AS TO QUANTITY AND CERTIFY TO EACH LOAD BY A TICKET.

BATCH TICKETS, INCLUDING ACTUAL MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD AND SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY A TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX. THE INSPECTOR WILL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK, IT'S LOAD, TIME OF RECEIPT AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND WILL TRANSMIT A COPY OF THE DAILY RECORD TO THE ENFORCEMENT AGENCY.

1. MATERIAL: ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615 MIN. GRADE 60. EXCEPT #3 ANCHOR REINFORCEMENT SHALL BE GRADE 40.

2. SPLICES: ALL SPLICES SHALL BE LAPPED A MINIMUM 48" #5 BARS AND 30" #4 BARS UNLESS OTHERWISE 3. REINFORCING FABRICATION AND PLACEMENT: FABRICATION AND PLACING OF REINFORCING SHALL

CONFORM TO THE "CODE OF STANDARD PRACTICE AND SPECIFICATIONS FOR PLACING REINFORCEMENT OF THE CONCRETE REINFORCING STEEL INSTITUTE".

4. MINIMUM COVERAGE: ALL REINFORCING SHALL HAVE THE FOLLOWING MINIMUM COVERAGE WITH CONCRETE:

LOCATION	<u>A</u>	MOUNT
FORMED EAR	RTH	2"
	CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
WALL-EXPOS		0"
	SMALLER	2"
	ARGER	2"
WALL-UNEXP	'USED FACE	3/4"

STRUCTURAL STEEL:

1. ALL STRUCTURAL STEEL OTHER THAN TUBE AND PIPE COLUMNS SHALL CONFORM TO ASTM A-36.

2. TUBE COLUMNS SHALL CONFORM TO ASTM A500 GRADE B. OR A1085

3. PIPE COLUMNS SHALL CONFORM TO ASTM A501 OR ASTM A53, TYPE E OR S, GRADE B. OR A1085

4. TUBE STEEL USED FOR RAMPS 🗆 STAIRS SHALL CONFORM TO ASTM A513 GRADE MT1020 OR BETTER

STEEL FRAME BUILDING/STEEL FRAME CONSTRUCTION SHALL MEET THE MINIMUM DESIGN REQUIREMENTS OF STUD SPACING, ETC. PER LATEST EDITION OF 2016 CALIFORNIA BUILDING CODE. ALL WORK AND MATERIALS SHALL CONFORM TO THE "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" AND "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES," AMERICAN INSTITUTE OF STEEL CONSTRUCTION: TITLE 24, CCR, AND UNIFORM BUILDING CODE. STRUCTURAL STEEL SHALL BE MADE EITHER THE OPEN-HEARTH OR ELECTRIC FURNACE PROCESS ONLY AND SHALL CONFORM TO THE "SPECIFICATION FOR STRUCTURAL STEEL" ASTM DESIGNATION A36, CURRENT

ROOF FRAMING, FLOOR FRAMING, AND WALL FRAMING SHALL BE PER MANUFACTURER'S PC PLANS AND PER APPLICABLE CODES.

ALL STRUCTURAL MEMBERS BELOW THE SUB-FLOOR, IE, GIRDERS, JOISTS, HEADERS, BLOCKING, SHALL BE STEEL. MINIMUM JOIST SPACING SHALL BE PER PLAN.

ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE AISC STANDARD SPECIFICATIONS, THE APPLICABLE REGULATORY AGENCY AND THE AMERICAN IRON AND STEEL INSTITUTE SPECIFICATIONS FOR DESIGN OR LIGHT GAUGE STEEL STRUCTURAL MEMBERS. WELDING: SHALL COMPLY WITH THE PERTINENT PROVISIONS OF THE APPLICABLE REGULATORY AGENCY. ALL WELDING SHALL BE DONE BY OPERATORS WHO ARE QUALIFIED AS PRESCRIBED IN THE "QUALIFICATION PROCEDURE" OF THE AMERICAN WELDING SOCIETY TO PERFORM THE TYPE OF WORK REQUIRED.

STEEL SHALL BE COATED WITH ONE SHOP COAT OF MANUFACTURER'S STANDARD CHASSIS PAINT OR

ALL COMMON BOLTS AND ANCHOR BOLTS SHALL CONFORM TO ASTM A-307. STRUCTURAL WELDING: SPECIAL INSPECTOR REQUIRED

GENERAL: DURING THE WELDING OF ANY MEMBER OR CONNECTION THAT IS DESIGNED TO RESIST LOADS AND FORCES REQUIRED BY THIS CODE.

ALL WELDS USED IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE-RESISTING SYSTEMS SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT/LBS AT MINUS 20 DEGREES F AS DETERMINED BY AWS CLASSIFICATION OR MANUFACTURER CERTIFICATION.

ALL STRUCTURAL WELDING SHALL BE BY "ELECTRIC ARC PROCESS" PER AWS STANDARD CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION. ALL LIGHT GAUGE STEEL (SHEET STEEL) SHALL BE WELDED PER AWS D1.3. ALL REINFORCING STEEL SHALL BE WELDED WITH LOW HYDROGEN RODS PER AWS D1.4, OR REINFORCING STEEL SHALL CONFORM TO ASTM A-706. ALL SHOP WELDED MUST BE PERFORMED BY "APPROVED" WELDERS IN A SHOP OF A LICENSED FABRICATOR. ALL FIELD WELDING SHALL BE PERFORMED BY "APPROVED" WELDERS. ELECTRODES SHALL BE E70XX FOR STRUCTURAL STEEL AND REBAR AND SHALL BE E60XX FOR LIGHT GAUGE STEEL. (SEE OPTIONAL PROCESS)

THE SPECIAL INSPECTOR NEED NOT BE CONTINUOUSLY PRESENT DURING WELDING OF THE FOLLOWING ITEMS, PROVIDED THE MATERIALS, WELDING PROCEDURES AND QUALIFICATION OF WELDERS ARE VERIFIED PRIOR TO THE START OF WORK: PERIODIC INSPECTIONS ARE MADE OF WORK IN PROGRESS, AND A VISUAL INSPECTION OF ALL WELDS IS MADE PRIOR TO SHIPMENT OF SHOP WELDING.

a) FLOOR AND ROOF DECK WELDING.

□ WELDED STUDS WHEN USED FOR STRUCTURAL DIAPHRAGM OR COMPOSITE SYSTEMS. c) WELDED SHEET STEEL FOR COLD-FRAMED STEEL FRAMING MEMBERS SUCH AS STUDS AND JOISTS WHICH ARE NOT PART OF AN ORDINARY MOMENT FRAME.

d) SINGLE PASS FILLET WELDS NOT EXCEEDING 5/16".

MATERIAL SHALL BE IDENTIFIED BY MARKING OR STAMPING THE I.D. NUMBER ON STRUCTURAL STEEL COMPONENTS BY LICENSED FABRICATION SHOP.

ALL BUTT, BEVEL, GROOVE, VEE, U AND J WELDS SHALL BE PREQUALIFIED COMPLETE PENETRATION FILLER MATERIAL FOR WELDING: SHIELDED METAL-ARC: AWS A5.1 OR 15.5 E70XX ELECTRODES.

HOLES IN STRUCTURAL STEEL SHALL NOT BE PERMITTED UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS STRUCTURAL STEEL SHALL BE THOROUGHLY CLEANED BY SCRAPING OR WIRE BRUSHING AND SHOP

ALL STEEL WORK, INCLUDING WELD AND CONNECTIONS EXCEPT WHERE ENTIRELY ENCASED IN CONCRETE SHALL BE GIVEN ONE COAT OF ACCEPTABLE METAL PROTECTION WELL WORKED INTO

JOINTS AND OPEN SPACES. TOPTIONAL USE OF: FCAW PROCESS: E71T-8 FOR STRUCTURAL/REBAR (MEETS ALL CHARPY REQUIREMENTS) E71T-11 FOR METAL DECKING

STRUCTURAL LIGHT GAUGE STEEL FRAMING AND ACCESSORIES SHALL BE FABRICATED IN ACCORDANCE WITH ASTM A-1011/A GRADE AS LISTED BELOW, SEE PLAN FOR MINIMUM YIELD. MATERIAL THICKNESS 11GA OR LESS: ASTM A-1011/A GRADE 33 (UNO) MATERIAL THICKNESS 10GA OR GREATER: ASTM A-1011/A GRADE 40

SHEET STEEL	MINIMUM			
DESIGNATION	DELIVERED			
	THICKNESS			
(GAUGE)	(INCHES)			
26	0.017			
22	0.029			
20	0.034			
18	0.046			
16	0.057			
14	0.071			
12	0.100			
11	0.114			
10	N 128			

10 | 0.128 | LIGHT GAUGE STEEL STUDS AND TRACKS SHALL COMPLY WITH ASTM A-1003 STRUCTURAL GRADE 33 TYPE H

ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.3, "STRUCTURAL WELDING CODE - SHEET STEEL" QUALIFICATION OF WELDERS SHALL BE IN ACCORDANCE WITH AWS D1.1, CHAPTER 5, PART C, "WELDER QUALIFICATIONS".

BOLTS, SCREWS, ETC. EXPOSED TO THE EXTERIOR SHALL BE GALVANIDED

MACHINE BOLTS USED SHALL CONFORM TO SPECIFICATIONS OF ASTM STANDARD A-307.

NID: (I) CJP GROOVE WELD NDT ULTRASONIC TESTING SHALL BE PERFORMED ON 100 PERCENT OF CJP GROOVE WELDS IN MATERIALS 5/16 in. (8mm) THICK OR GREATER. ULTRASONIC TESTING IN MATERIALS LESS THAN 5/16 in. (8 mm) THICK IS NOT REQUIRED. MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON 25 PERCENT OF ALL BEAM-TO-COLUMN CJP GROOVE WELDS.

FRAMING: ALL FRAMING LUMBER SHALL BE GRADE MARKED BY AN APPROVED GRADING AGENCY AND SHALL BE OF THE FOLLOWING MINIMUM GRADES OR BETTER, PER WCLB RULES #16. PLATES AND BLOCKING - STANDARD GRADE OR BETTER STUDS AND HEADER = HF #2, OR DF #2, OR BETTER

AMERICAN PLYWOOD ASSOCIATION PS 1-07. EACH SHEET SHALL BE GRADE MARKED BY THE AMERICAN PLYWOOD ASSOCIATION. AND SHALL CONFORM TO THE REQUIREMENTS OF STANDARD GRADE GROUP 1 OR BETTER GRADE STAMPED AND IDENTIFIED UNDER THE PROCEDURES AND QUALIFICATIONS SET FORTH BY

1. PLYWOOD SUB FLOOR: 1 1/8" T□G UNBLOCKED PLYWOOD. PROVIDE SEAMLESS WOVEN POLYFLEX BOTTOM BOARD FOR MOISTURE PROTECTION

2. OPTIONAL PLYWOOD ROOF DECK: APA RATED 3/4" T G OSB OR EQUIVALENT RATED SHEATHING WITH APPROVAL FROM DSA EXTERIOR WALL SIDING:

. STANDARD: 5/8" DURATEMP OR 5/8" SMART PANEL ii. OPTIONAL: 5/8" MDO

iii. OPTIONAL: 1/2" OSB OR CDX PLYWOOD FOR PLASTER/STUCCO FINISH

4. EXTERIOR WALL SIDING ATTACHMENT: FASTENERS USED FOR THE ATTACHMENT OF EXTERIOR WALL COVERINGS SHALL BE HOT-DIPPED GALVANIDED, MECHANICALLY DEPOSITED DINC-COATED, STAINLESS STEEL, SILICON BRONDE OR COPPER PER CBC SECTION 2304.10.1.1

TREATED WOOD:

ALL WOOD INCLUDING WOOD SHEATHING IN CONTACT WITH CONCRETE OR MASONRY AND LOCATED LESS THAN 18" FROM EXPOSED EARTH SHALL BE "PRESERVATIVE TREATED" OR SHALL BE "NATURALLY DURABLE" MATERIAL PER (CBC SECTION 2304.12.1.2).

1. ALL ROUGH LUMBER SHALL BE DF #2 OR BETTER. 2. WOOD FASTENERS OTHER THAN SCREWS. ALL POWER DRIVEN FASTENERS SHALL BE HILTI FASTENERS ICC# ESR-1663, AND RAMSET POWER DRIVEN FASTENERS (ICC# ESR-1799), OR SIMPSON POWER DRIVEN FASTENERS ICC #ESR-2138.

OR OTHER EQUIVALENT PRODUCTS WITH ICC REPORTS AND APPROVED BY DSA. 3. FASTENERS, INCLUDING NUTS AND WASHERS, IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE OF HOT-DIPPED DINC-COATED GALVANIDED STEEL, STAINLESS STEEL, SILICON BRONDE OR COPPER PER CBC 2304.10.5.1

CONTINUOUS INSPECTION:

PROJECT INSPECTOR TO PROVIDE CONTINUOUS FIELD INSPECTION.

IN-PLANT INSPECTOR SHALL PROVIDE CONTINUOUS INSPECTION IN-PLANT

METALS, STRUCTURAL, AND MISC. STEEL:

CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, AND SERVICES REQUIRED FOR STRUCTURES AND MISCELLANEOUS STEEL AS SPECIFIED AND INDICATED IN THE DRAWINGS.

STEEL SHEETS: STEEL SHEETS FOR LIGHT GAUGE STEEL SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-1011/A, GRADE 40 U.O.N. SHEET METAL GRAVEL STOPS AND FLASHINGS SHALL BE MINIMUM 0.030 THICKNESS AND SHALL BE GALVANI□ED.

ALL STRUCTURAL STEEL SHALL BE ERECTED TRUE, STRAIGHT, PLUMB AND TO ITS DESIGNED LOCATION. TEMPORARY BRACING OR SHORING SHALL BE INSTALLED WHEREVER NECESSARY TO TAKE CARE OF LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED, INCLUDING ERECTION EQUIPMENT AND THE OPERATION OF SAME. CONNECTIONS SHALL BE ADEQUATE TO WITHSTAND STRESSES TO WHICH THEY ARE NORMALLY SUBJECTED. CONNECTIONS SHALL BE STEEL, EXCEPT AS OTHERWISE NOTED. FIELD CONNECTIONS SHALL BE BOLTED OR WELDED AS SHOWN ON THE DRAWINGS.

SHOP PAINT:

□EXPOSED STEEL COATED WITH ONE SHOP COAT OF PRIMER. □NON-EXPOSED STEEL COATED WITH ON SHOP COAT OF PRIMER.

BALL SURFACES THOROUGHLY CLEANED BY EFFECTIVE MEANS PRIOR TO APPLICATION OF SHOP COATS

<u>POWER DRIVEN FASTENERS FOR SILL PLATE, WOOD NAILERS TO STEEL COLUMNS, AND SHEET METAL TO</u> STRUCTURAL STEEL:

ALL POWER DRIVEN FASTENERS SHALL BE HILTI FASTENERS ICC# ESR-1663, OR RAMSET POWER DRIVEN FASTENERS (ICC# ESR-1799), OR SIMPSON POWER DRIVEN FASTENERS ICC #ESR-2138, OR OTHER EQUIVALENT PRODUCTS WITH ICC REPORTS AND APPROVED BY DSA.

WOOD ROUGH CARPENTRY:

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS AND STEPS NECESSARY TO PROTECT ALL COMPLETED, SEMI-COMPLETED, AND TEMPORARY WORK FROM COMMENCEMENT OF PROJECT TO COMPLETE. SEMI-COMPLETION OF SAME ANY PORTION OF THE WORK DAMAGED OR DISFIGURED SHALL BE SATISFACTORILY REPAIRED OR REPLACED AND THE WORK AS A WHOLE LEFT WITHOUT BLEMISH AT FINAL ACCEPTANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ALL NECESSARY MEASUREMENTS AT THE BUILDING, THE ACCURATE FITTING OF ALL WORK AND PROPER ACCOMMODATION OF OTHER TRADES.

HIS SECTION INCLUDES FURNISHING OF ALL LABOR, MATERIAL, TOOLS, EQUIPMENT, TRANSPORTATION, AND FACILITIES TO COMPLETE ROUGH CARPENTRY AS INDICATED IN THE DRAWINGS AND AS SPECIFIED HEREIN.

ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE BEST PRACTICE, SHALL BE ACCURATE AS TO MEASUREMENT AND SHALL BE CAREFULLY DONE. PLYWOOD SHEATHING SUBFLOOR SHALL PROVIDE A SMOOTH UNIFORM SURFACE CAPABLE PROPERLY ACCEPTING A CARPET FINISH.

3/4" TOG APA RATED SHEATHING - STRUCTURE 1 EXPOSURE 1

SPAN RATING 48/24 MIN FASTEN TO SHEET METAL SUPPORTS W/ #10 x 1 1/4" LG. SELF DRILLING SELF-TAPPING PHILLIPS FLAT-HEAD □INC COATED TEKS SCREWS AT 4" OC AT BOUNDARIES, 6" OC AT EDGES, AND 12" OC FIELD NAILS. MIN. 3/8" EDGE DISTANCE FOR FASTENERS TO PLYWOOD EDGE PER CBC SECTION 2306.2.

1 1/8" PLYWOOD - STURD-I-FLOOR

EXTERIOR - TONGUE AND GROOVE EDGES

FASTEN TO SHEET METAL SUPPORTS W/ #10 - 24 x 1 3/4 LG. SELF-DRILLING, SELF-TAPPING PHILLIPS FLAT-HEAD □INC COATED TEKS SCREWS MIN. 3/8" EDGE DISTANCE FOR FASTENERS TO PLYWOOD EDGE PER CBC SECTION 25. 2" PLANKS

FASTEN TO SHEET METAL SUPPORTS W/ #10 - 24 x 1 3/4 LG. SELF-DRILLING, SELF-TAPPING PHILLIPS FLAT-HEAD □INC COATED TEKS SCREWS AT 4" O.C. BOUNDARIES □ CONT. PANEL EDGES, 6" O.C. @ ALL OTHER PANEL EDGES 12" O.C. INTERMEDIATE. ALL EDGES OF ALL PANELS SHALL BE ATTACHED TO FRAMING MEMBERS OR BLOCKING. WHERE USED AS BLOCKING, FLAT STRAPPING SHALL BE A MINIMUM THICKNESS OF 33 MILS WITH A MINIMUM WIDTH OF 1.5 INCHES. SCREWS SHALL BE INSTALLED THROUGH THE SHEATHING TO THE BLOCKING.

CONCRETE FLOOR DATA: LIGHTWEIGHT CONCRETE FLOOR STRENGTH: 3500 PSI or 4000 PSI TYPE: I OR II DENSITY: 110 PCF - MAX

2 x STUDS AT CORNER STEEL COLUMNS (NAILING STUD USE: #10 - 24 x 2 1/2" LG. SELF-DRILLING SELF-TAPPING PHILLIPS FLAT-HEAD WITH WASHER □INC COATED TEK SCREWS AT 24" O.C.

REFERENCE STANDARDS NOTES:

INTENT OF DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE BUILDING IN ACCORDANCE WITH THE STATE OF CALIFORNIA, CALIFORNIA CODE OF REGULATIONS, PART 1, 2, 3, 4, 5, 6, 9, AND 12, SUB-CHAPTER 1 CALIFORNIA BUILDING CODE, 2016 EDITION, MANUAL OF STEEL CONSTRUCTION, (AISC) 14TH EDITION, AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE, AWS D1.1, AMERICAN INSTITUTE OF TIMBER CONSTRUCTION STANDARD, (AITC) 109 ARCHITECTURAL SHEET METAL MANUAL, AIA FILE NO. 12-L (SMACNA) LATEST ADOPTED EDITION UNLESS OTHERWISE NOTED.

WORKMANSHIP AND MATERIALS SHALL BE SUCH THAT BUILDING WILL BE WEATHERTIGHT AND WATERTIGHT.

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.

. ALL NAILS SHALL BE COMMON UNLESS OTHERWISE NOTED

PRODUCT WITH ICC REPORTS AND APPROVAL BY DSA.

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR A CONSTRUCTION CHANGE DOCUMENT APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

2. MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO THE

ACCEPTABLE FOR HAND NAILING, PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

SECOND MEMBER, AND SHALL BE NOT LESS THAN 3" IN OVERALL LENGTH. THE ABOVE NAILS SHALL ALSO BE

ALL CONNECTIONS AND FASTENERS AS STATED ON THESE DRAWINGS CAN BE SUBSTITUTED BY AN EQUIVALENT

AS REQUIRED PER ANSI / AF □FA NDS-2012, LAG SCREWS MUST BE INSTALLED INTO A PRE-DRILLED PILOT HOLE

CAN SIGNIFICANTLY REDUCE THE LATERAL RESISTANCE OF THE LAG SCREW AND SHOULD BE AVOIDED.

WITH A STANDARD WASHER AND TURNED WITH A WRENCH. DO NOT DRIVE IN WITH A HAMMER. OVER-TORQUING

3 - 3" x 0.131" NAILS 2. BRIDGING TO JOIST 2 - 8d COMMON ($2\frac{1}{2}$ " x .131") TOENAIL EACH END 2 - 3" x 0.31" NAILS 3. 1" x 6" SUBFLOOR OR LESS TO EACH JOIST - 8d COMMON (2 $\frac{1}{2}$ " x .131") 4. WIDER THAN 1" x 6" SUBFLOOR TO EACH JOIST _ 8d COMMON (2 $\frac{1}{2}$ " x .131") 5. 2" SUBFLOOR TO JOIST OR GIRDER - 16d COMMON BLIND AND FACE NA 6. SOLE PLATE TO JOIST OR BLOCKING TYPICAL FACE NAIL 16d(3 ½" x .135") AT 16" O.C. 3"x0.131" NAILS AT 8" O.C. - 16d(3 ½" x .135") AT 16" O.C. | BRACED WALL PANELS SOLE PLATE TO JOIST OR BLKING AT BRACED I - 3"x0.131" NAILS AT 16" O.C. 7. TOP PLATE TO STUD - 16d COMMON (3 ½" x 0.162") | END NAIL - 3"x0.031" NAILS $4 - 8d COMMON (2\frac{1}{2}"x0.131")$ 8. STUD TO SOLE PLATE 4 - 3"x0.131" NAILS 2 - 16d COMMON (3 ½"x0.162") 3 - 3"x0.131" NAILS 9. DOUBLE STUDS FACE NAIL 16d (3 ½"x0.135") AT 24" O.C. 3"x0.131" NAILS AT 12" O.C. 16d (3 ½"x0.135") AT 16" O.C. 10. DOUBLE TOP PLATES TYPICAL FACE NAIL 3"x0.131" NAILS AT 12" O.C. 8 - 16d COMMON (3 ½"x0.162") | LAP SPLICE DOUBLE TOP PLATES 12 - 3"x0.131" NAILS 11. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE 3 - 8d COMMON (2 ½"x0.131") TOENAIL 3 - 3"x0.131" NAILS 8d (2 ½"x0.131") AT 6" O.C. 12. RIM JOIST TO TOP PLATE TOENAIL 3"x0.131" NAIL AT 6" O.C. 2 - 16d COMMON (3 ½"x0.162") FACE NAIL 13. TOP PLATES, LAPS, AND INTERSECTIONS 3 - 3"x0.131" NAILS 16d COMMON (3 ½"x0.162") 14. CONTINUOUS HEADER, TWO PIECES 16" OC ALONG EDGE - 8d COMMON (2 ½"x0.131") 15. CEILING JOISTS TO PLATE - 3"x0.131" NAILS - 8d COMMON (2 ½"x0.131") 16. CONTINUOUS HEADER TO STUD - 16d COMMON (3 ½"x0.162") MIN 17. CEILING JOISTS, LAPS OVER PARTITIONS TABLE 2308.10.4.1 (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1) 4 - 3"x0.131" NAILS

FASTENING a,m

- 16d COMMON (3 ½"x0.162") MIN

- 8d COMMON (2 ½"x0.131")

20d COMMON (4"x0.192")32" O.C FACE NAIL AT TOP A

16d COMMON (3 ½"x0.162")

3"x0.131" NAIL AT 24" O.C

16d COMMON (3 ½"x0.162")

- 10d COMMON (3"x0.148")

- 10d COMMON (3"x0.148")

2 - 16d COMMON (3 ½"x0.162")

- 16d COMMON (3 ½"x0.162")

5 - 16d COMMON (3 ½"x0.162")

- 16d COMMON (3 ½"x0.162") | TOE NAIL

- 16d COMMON (3 $\frac{1}{2}$ "x0.162") | FACE NAIL AT EACH

2 ⅔"x0.113" NAI

1 3" 16d GAGE

2 g"x0.113" NA

2" 16d GAGEL

NO. 11 GA ROOFING NAIL

NO. 11 GA ROOFING NAIL^N

6d COMMON NAIL (2"x0.113")

8d COMMON NAIL $(2\frac{1}{2}$ "x 0.131")

8d^a or 6d^e

3 - 3"x0.131" NAILS

4 - 3"x0.131" NAILS

4 - 3"x0.131" NAILS

3 - 3"x0.131" NAILS

- 3"x0.131" NAILS

3 - 3"x0.131" NAILS

4 - 3"x0.131" NAILS

4 - 3"x0.131" NAILS

19/32" TO 3/4"

7/8" TO 1"

3/4" AND LESS

7/8" TO 1"

1/2" AND LESS

1/2" AND LESS 6d C,

1 1/8" TO 1 1/4" 10d^d or 8d^e

1 1/8" TO 1 1/4" 10d OR 8d^e

2 - 20d COMMON (4" x0.192")

FACE NAIL

FACE NAIL

BOTTOM STAGGERE

FACE NAIL AT ENDS

AT EACH BEARING

FACE NAIL

TOE NAIL

FACE NAIL

AND AT EACH SPLICE

ON OPPOSITE SIDES

TABLE 2308.10.4.1

4 - 3"x0.131" NAILS

- 3"x0.131" NAILS

- 3"x0.131" NAILS

3"x0.131" NAILS

- 8d COMMON

LOCATION

FASTENING SCHEDULE CBC - TABLE 2304.10.1

CONNECTION

18. CEILING JOISTS TO PARALLEL RAFTERS

(SEE SECTION 2308.10.1, TABLE 2308.10.1

21. 1" x 8" SHEATHING TO EACH BEARING

28. ROOF RAFTERS TO 2-BY RIDGE BEAM

I. WOOD STRUCTURAL PANELS AND PARTICLEBOARD□

SINGLE FLOOR (COMBINATION SUBFLOOR-UNDERLAYMENT

SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING)

19. RAFTER TO PLATE

23. BUILT-UP CORNER STUDS

27. JACK RAFTER TO HIP

29. JOIST TO BAND JOIST

30. LEDGER STRIP

TO FRAMING)

32. PANEL SIDING (TO FRAMING)

33. FIBERBOARD SHEATHING⁹

34. INTERIOR PANELING

DIAPHRAGMS (2305.1.2-4).

24. BUILT-UP GIRDER AND BEAMS

(SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1)

20. 1" DIAGONAL BRACE TO EACH STUD AND PLATE

2. WIDER THAN 1" x 8" SHEATHING TO EACH BEARING

I. JOIST TO SILL OR GIRDER

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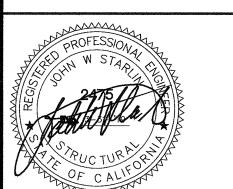


2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211 PROJECT NAME:

Building for the Next Generation

VENTURA USD VENTURA CHARTER SCHOOL (1) 30' X 32' CLASSROOM BLDG

SHEET TITLE: STRUCTURAL



ARCHITECT OF RECORD

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT DATE 0 1 - 22 19

ORIGINAL PC STATE AGENCY APPROVAL FILE NUMBER: 33-SILVER IDENTIFICATION STAMP **DIVISION OF THE STATE ARCHITECT** APP. NO: 04 - 116671 INCR: C RM FLS DS SS KR

PRE-CHE A SEPARATEOR CON	DATE08/21/201
	REVISIONS

COMMON OR BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE STATED. NAILS SPACED AT 6" ON CENTER AT EDGES, 12" AT INTERMEDIATE SUPPORTS EXCEPT 6" AT SUPPORTS WHERE SPANS ARE 48" OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTION 2305. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX, OR COMMON OR DEFORMED SHANK (6d - 2" x 0.113" □8d - 2 1/2" x 0.131" □10d - 3" x 0.148"). COMMON (6d - 2" x 0.113" □8d - 2 1/2" x 0.131" □10d - 3" x 0.148").

DEFORMED SHANK (6d - 2" x 0.113" □8d - 2 1/2" x 0.131" □10d - 3" x 0.148").

CORROSION-RESISTANT SIDING (6d - 1 7/8" x 0.106" D8d - 2 3/8" x 0.128") OR CASING (6d - 2" x 0.099" D8d - 2 1/2" x

FASTÉNERS SPACED 3" ON CENTER AT EXTERIOR EDGES AND 6" ON CENTER AT INTERMEDIATE SUPPORTS, WHE USED AS STRUCTURAL SHEATHING. SPACING SHALL BE 6" ON CENTER ON THE EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS FOR NONSTRUCTURAL APPLICATIONS.

CORROSION-RESISTANT ROOFING NAILS WITH 7/16" DIAMETER HEAD AND 1 1/2" LENGTH FOR 1/2" SHEATHING AND 1 3/4" LENGTH FOR 25/32" SHEATHING. CORROSION-RESISTANT STAPLES WITH NOMINAL 7/16" CROWN AND 1 1/8" LENGTH FOR 1/2" SHEATHING AND 1 1/ LENGTH FOR 25/32" SHEATHING. PANEL SUPPORTS AT 16" (20" IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL. UNLESS OTHERWISE MARKED). STAPLES ARE NOT PERMITTED FOR WOOD SHEAR WALLS AND

CASING (1 1/2" x 0.080") OR FINISH (1 1/2" x 0.072") NAILS SPACED 6" ON PANEL EDGES, 12" AT INTERMEDIATE

FASTENERS SPACED 4" ON CENTER AT EDGES, 8" AT INTERMEDIATE SUPPORTS FOR SUBFLOOR AND WALL

PANEL SUPPORTS AT 24". CASING OR FINISH NAILS SPACED 6" ON PANEL EDGES, 12" AT INTERMEDIATE FOR ROOF SHEATHING APPLICATIONS, 8d NAILS (2 1/2" x 0.113") ARE THE MINIMUM REQUIRED FOR WOOD STRUCTURAL PANELS.

STAPLES SHALL HAVE A MINIMUM CROWN WIDTH OF 7/16". STAPLES ARE NOT PERMITTED FOR WOOD SHEAR WALLS AND DIAPHRAGMS (2305.1.2-4). FOR ROOF SHEATHING APPLICATIONS, FASTENERS SPACED 4" ON CENTER AT EDGES, 8" AT INTERMEDIATE

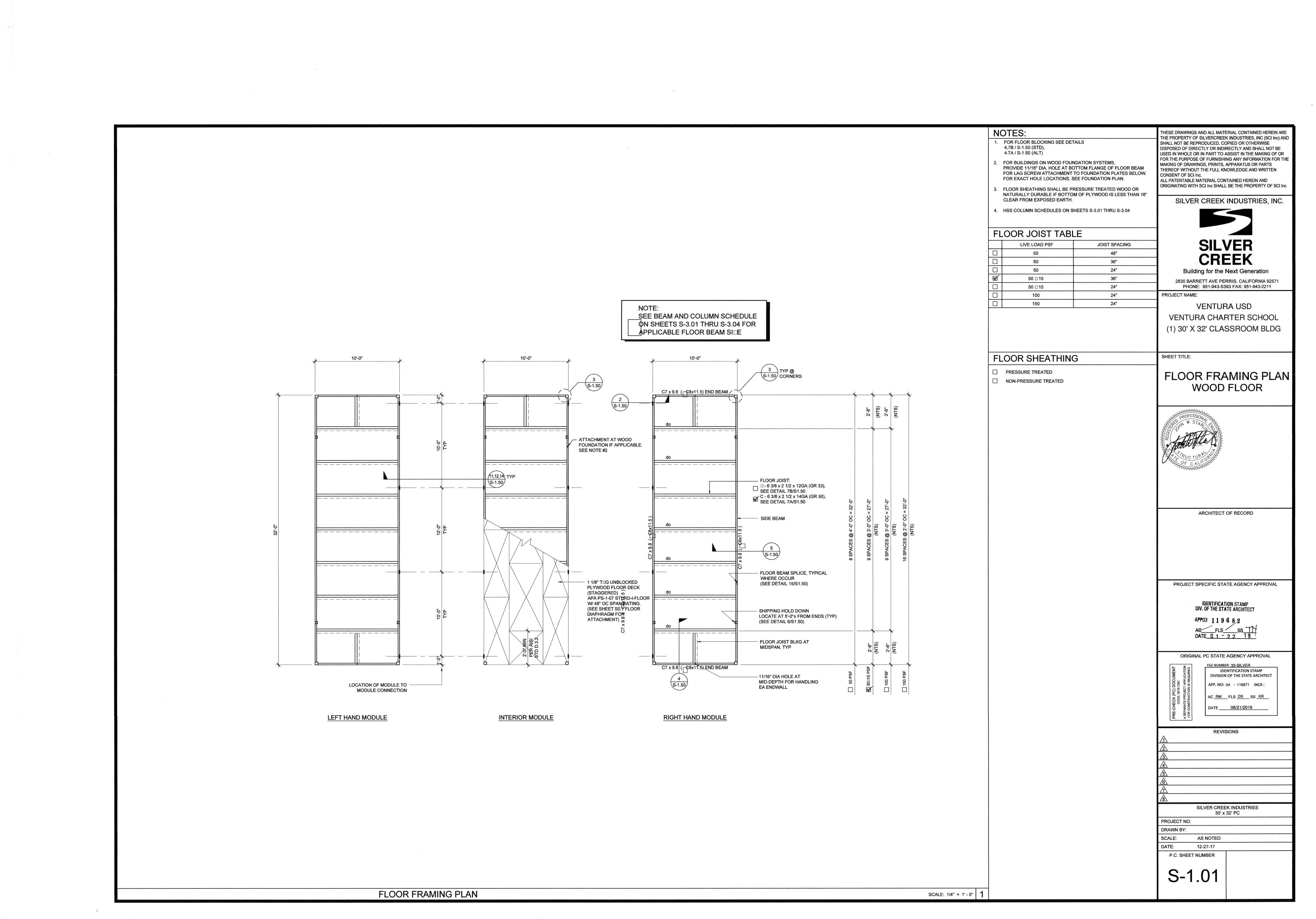
SHEATHING AND 3" ON CENTER AT EDGES, 6" AT INTERMEDIATE SUPPORTS FOR ROOF SHEATHING.

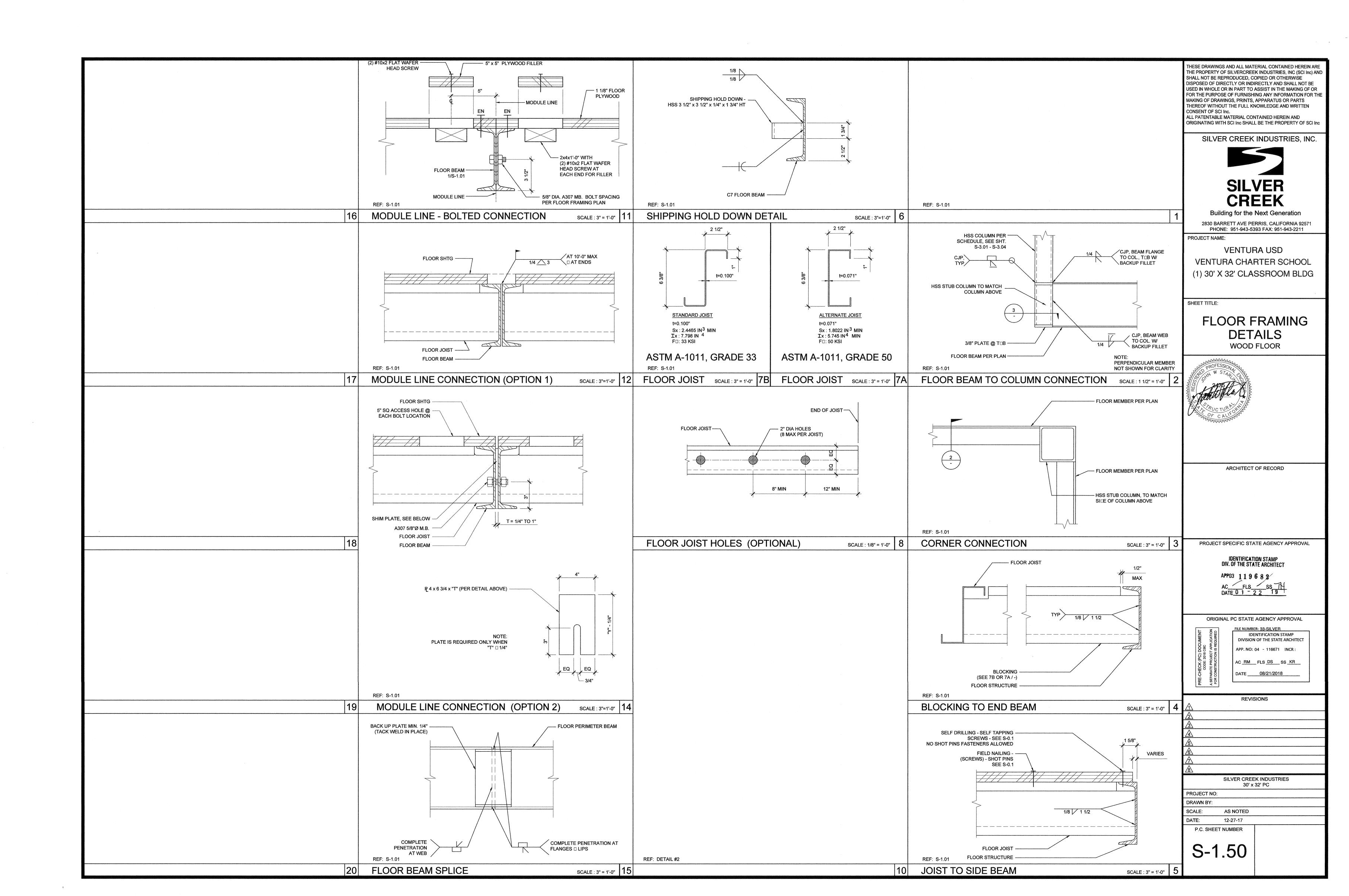
FASTENERS SPACED 4" ON CENTER AT EDGES. 8" AT INTERMEDIATE SUPPORTS.

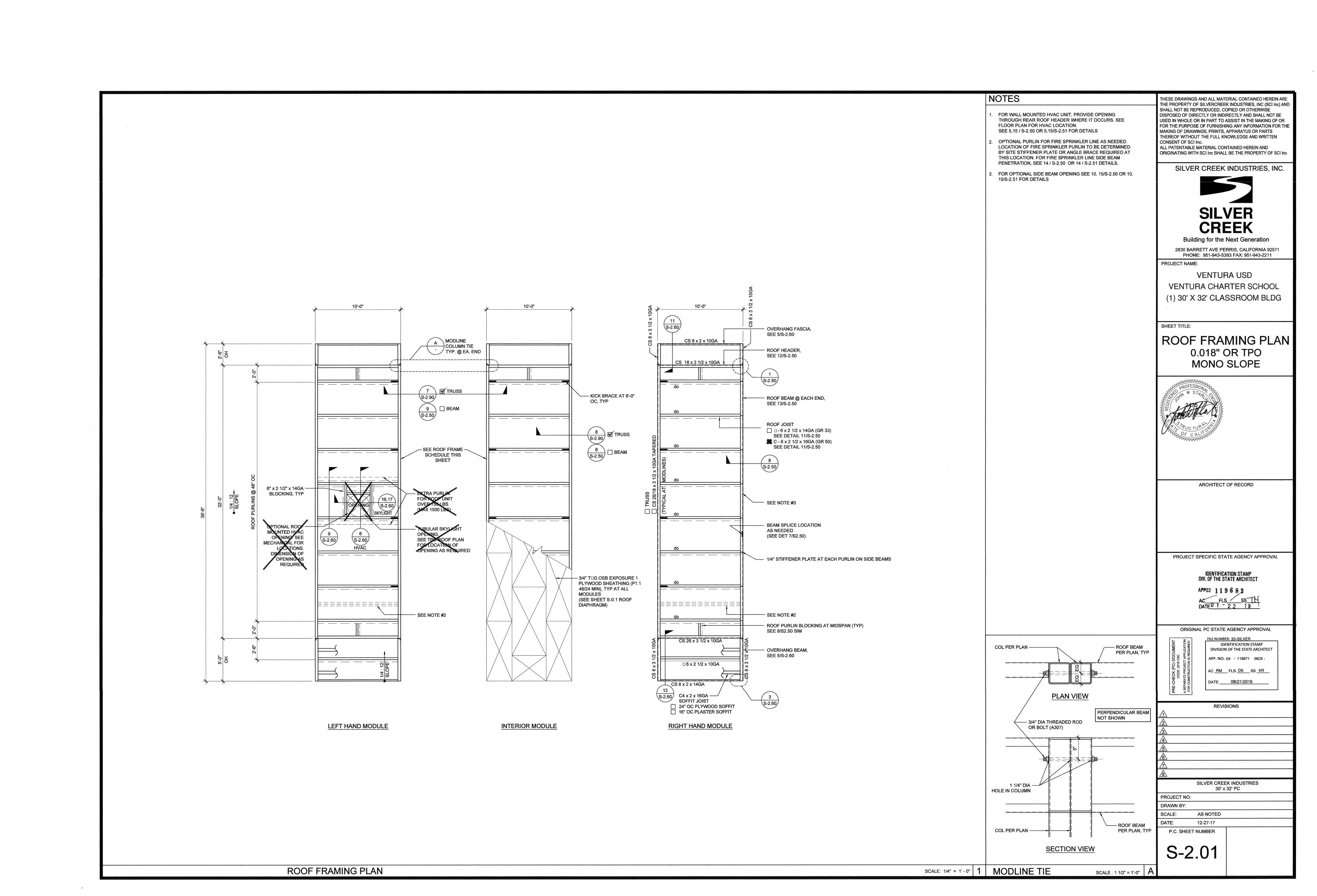
SILVER CREEK INDUSTRIES 30' x 32' PC PROJECT NO:

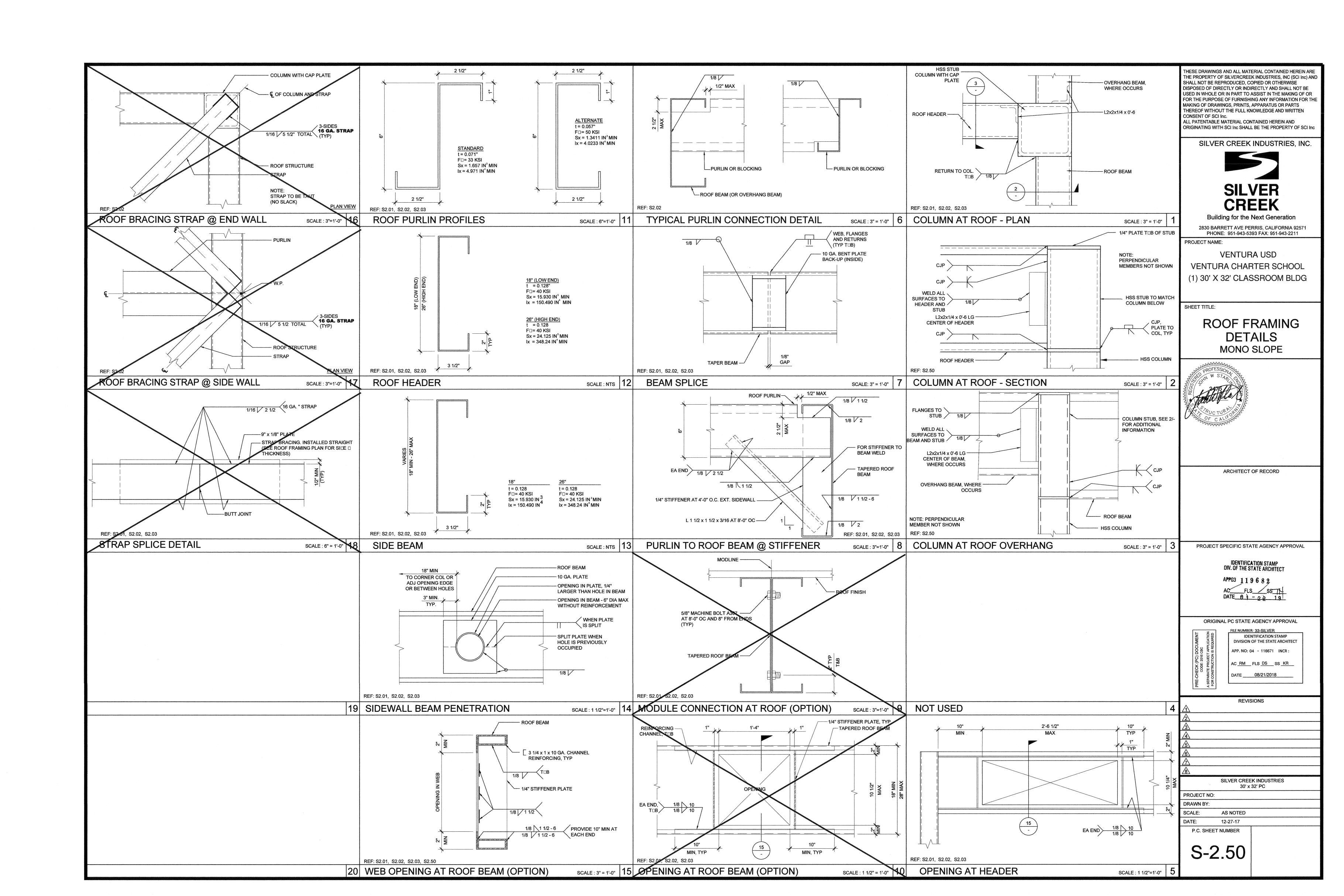
DRAWN BY: SCALE: AS NOTED DATE: 12-27-17

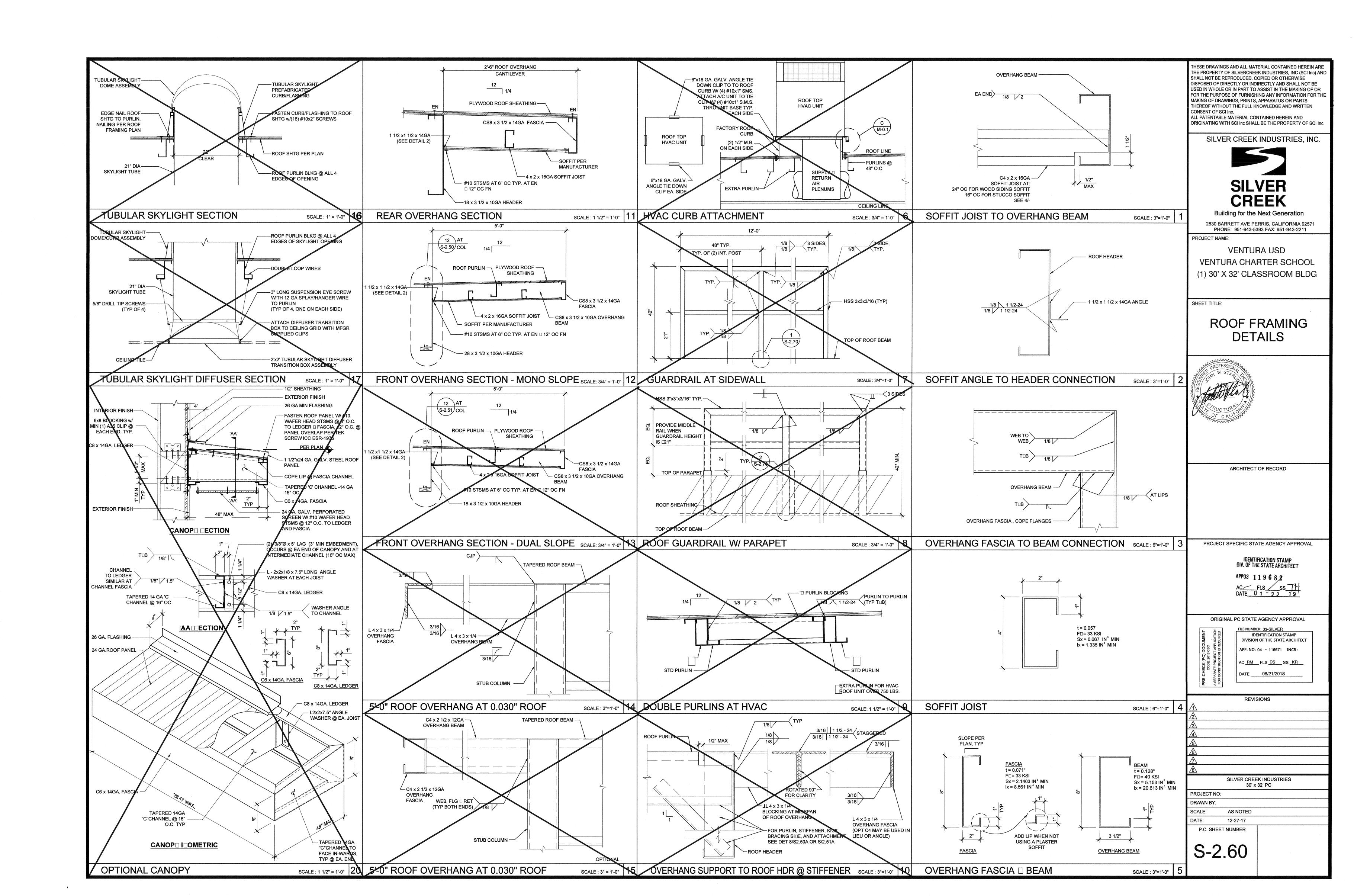
P.C. SHEET NUMBER

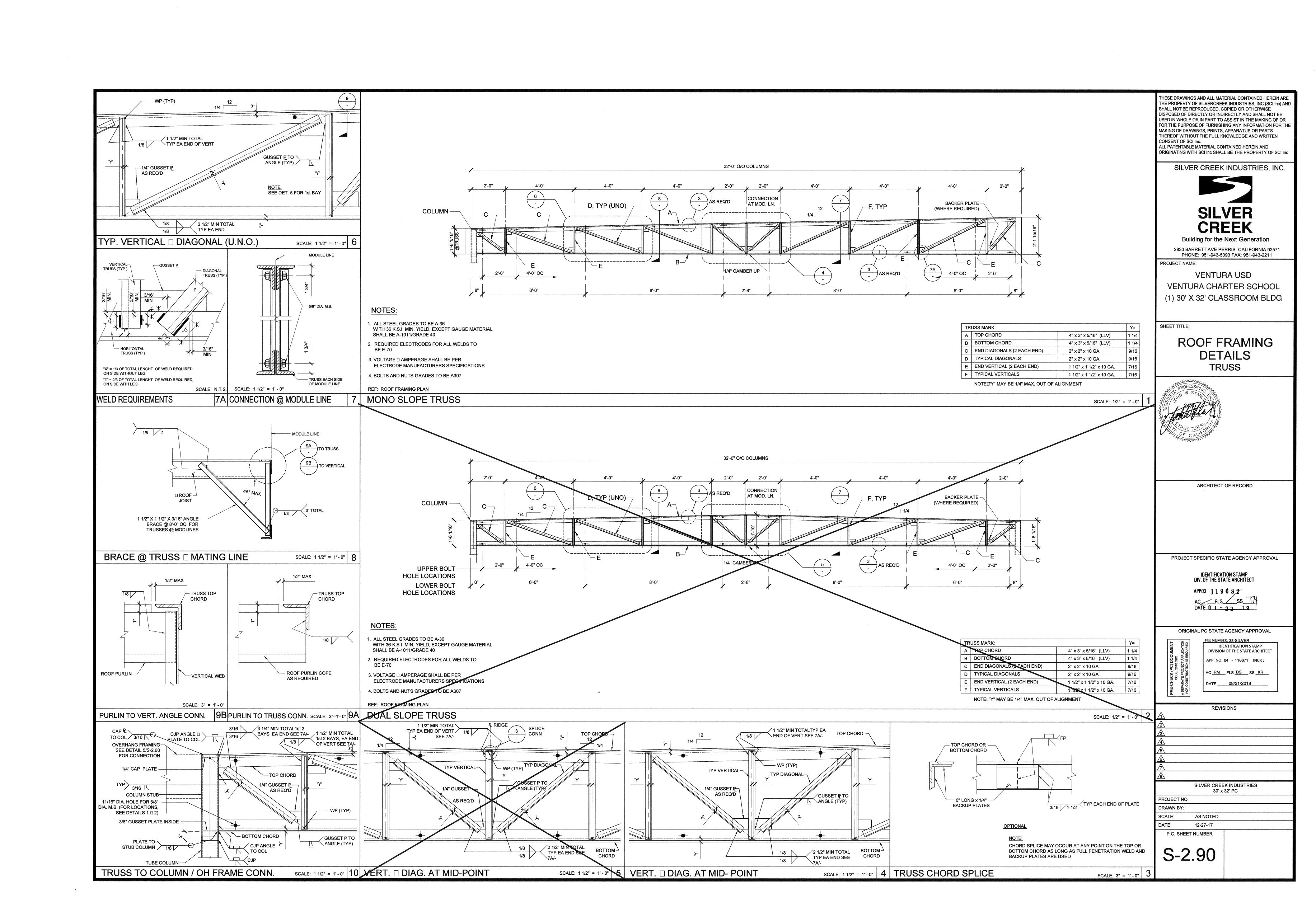


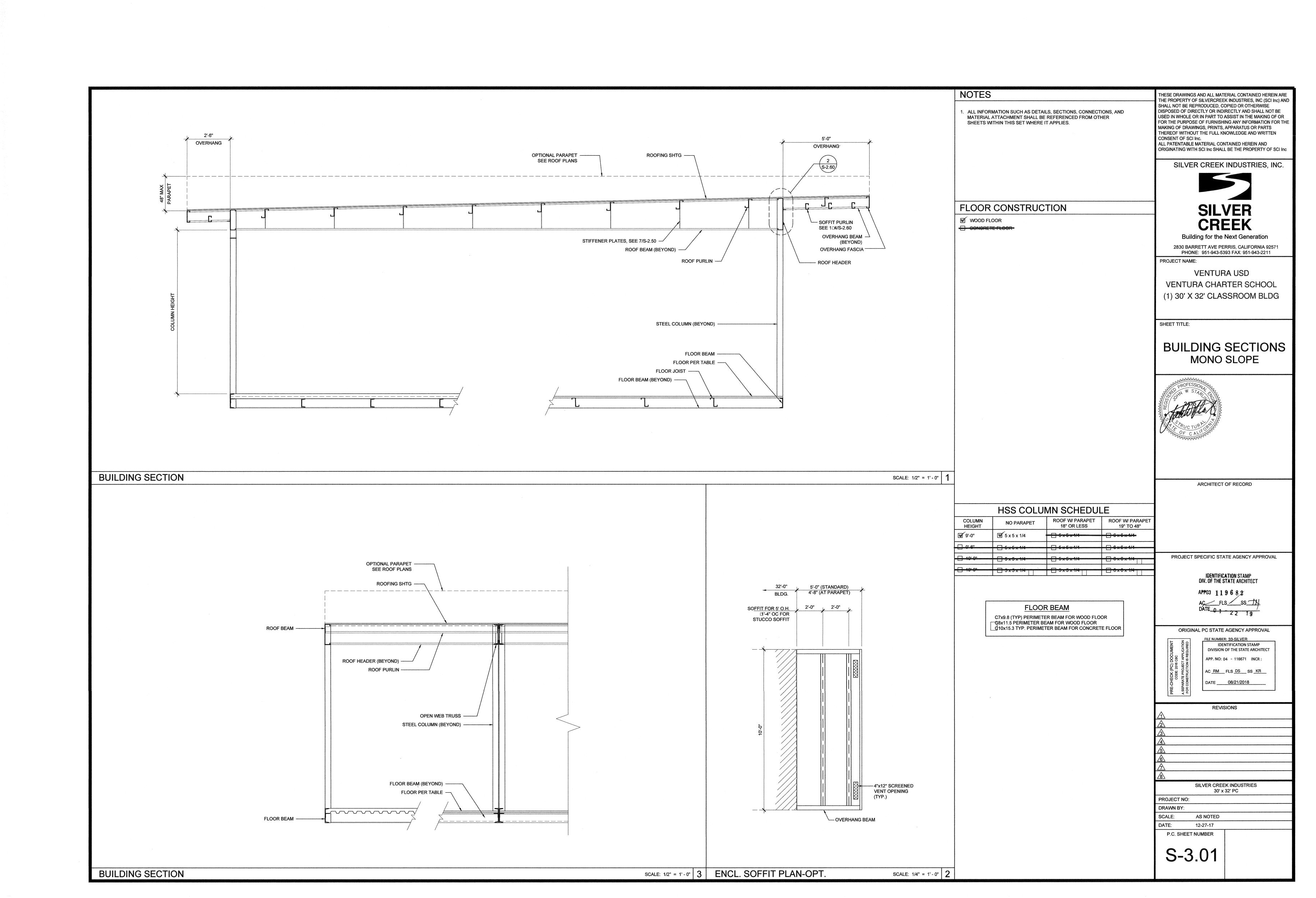


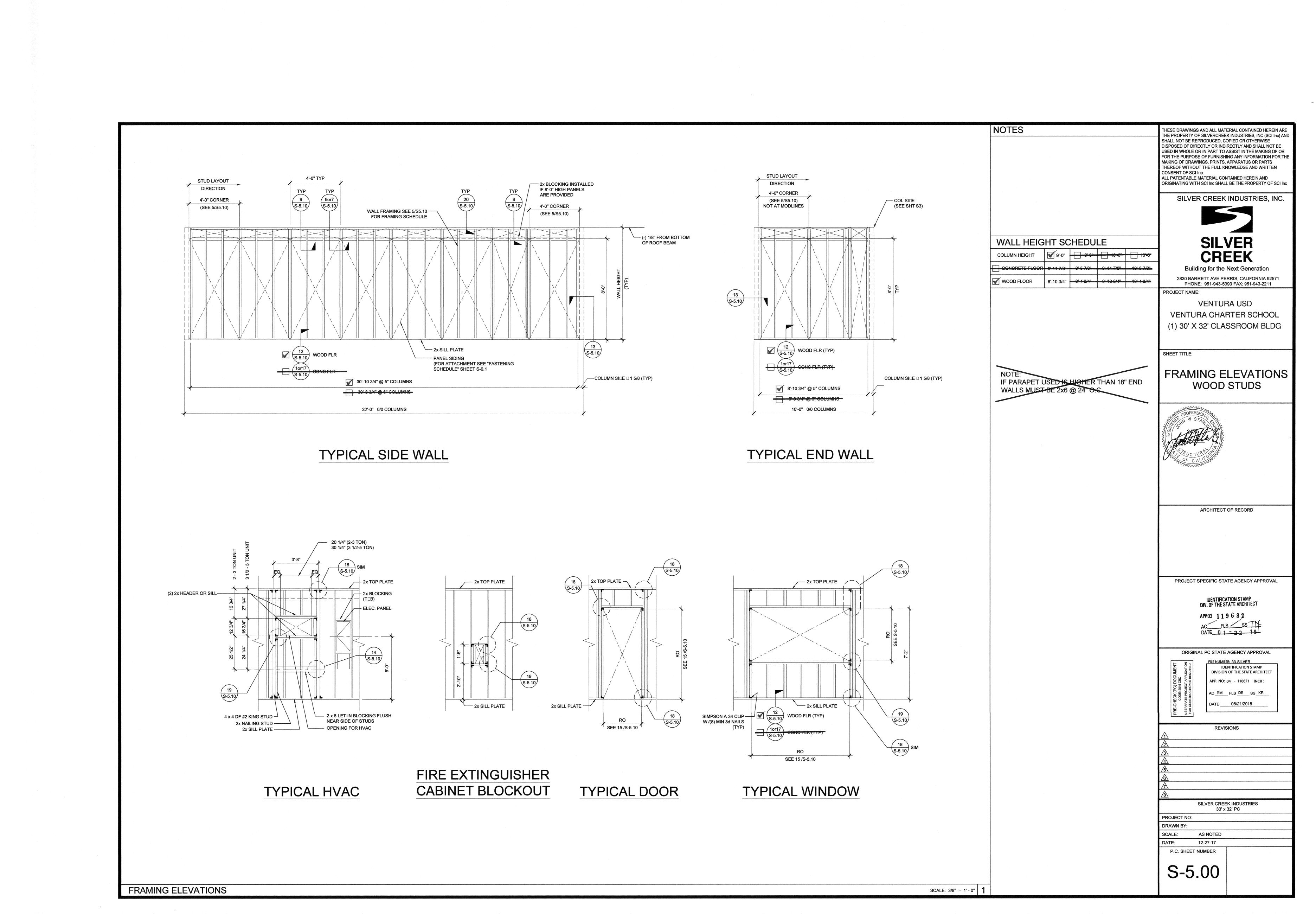


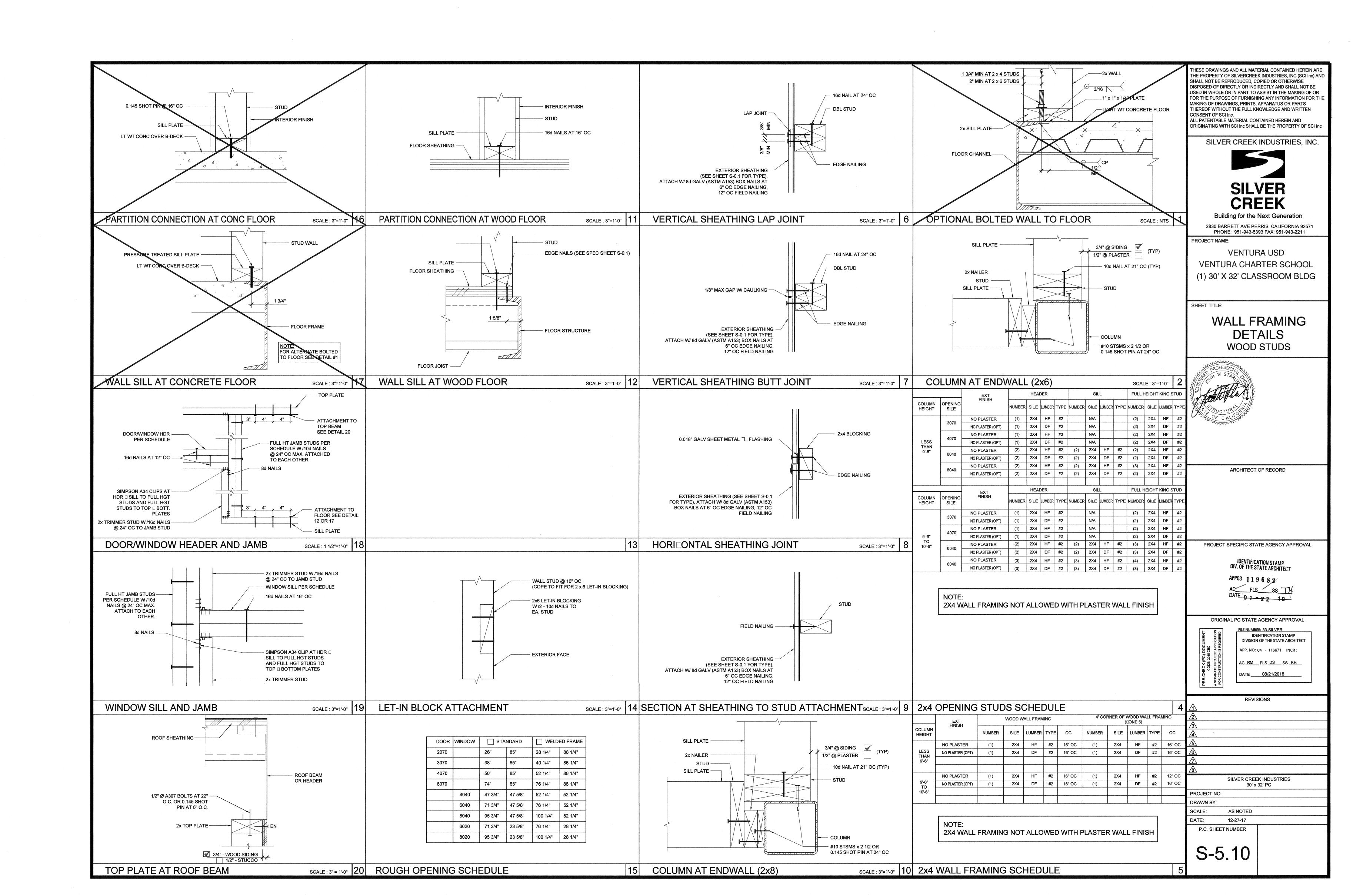


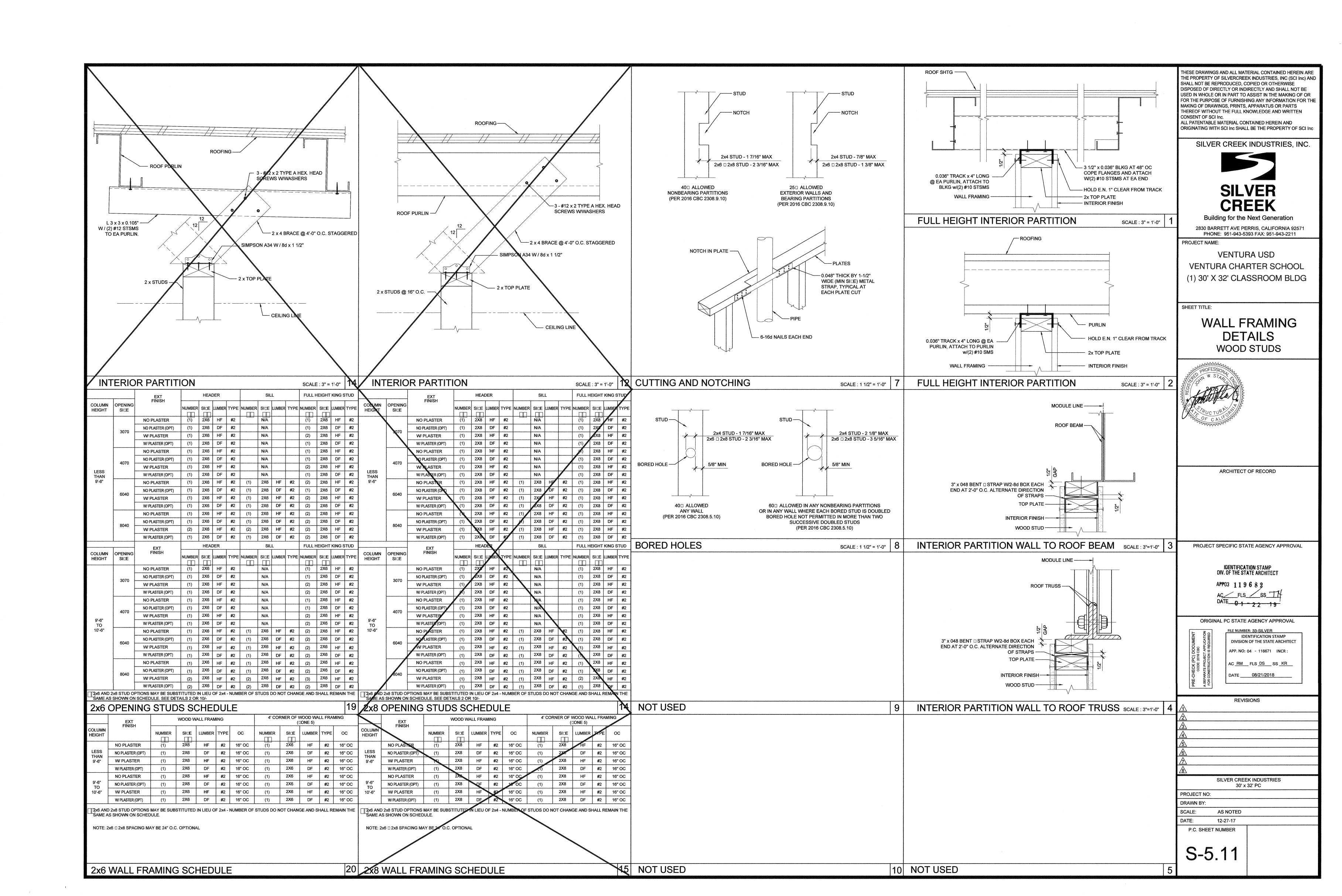


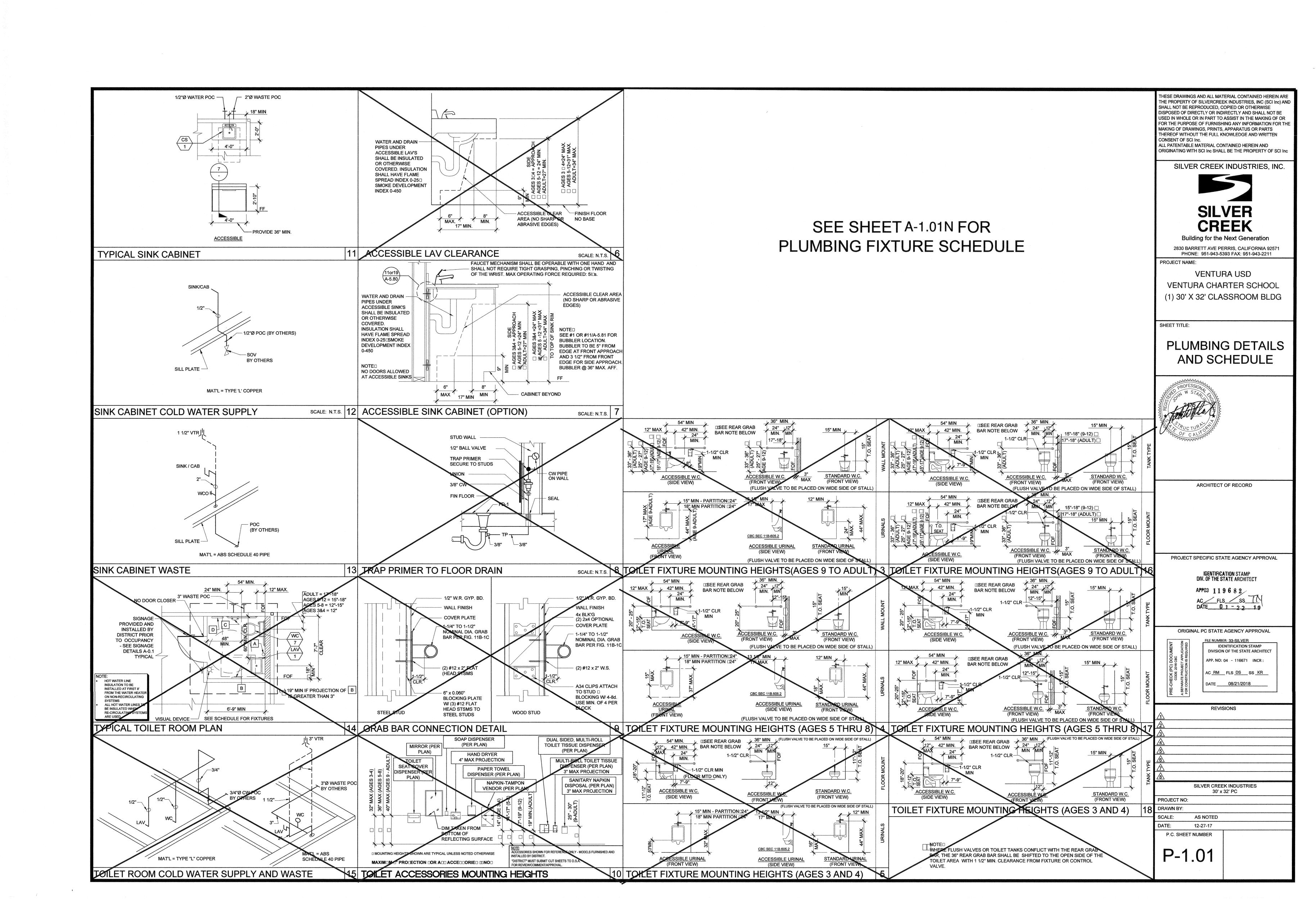


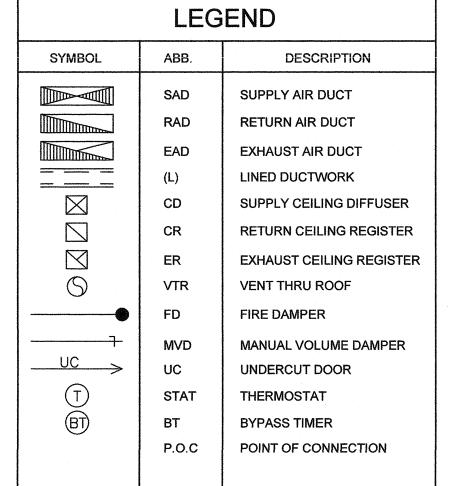


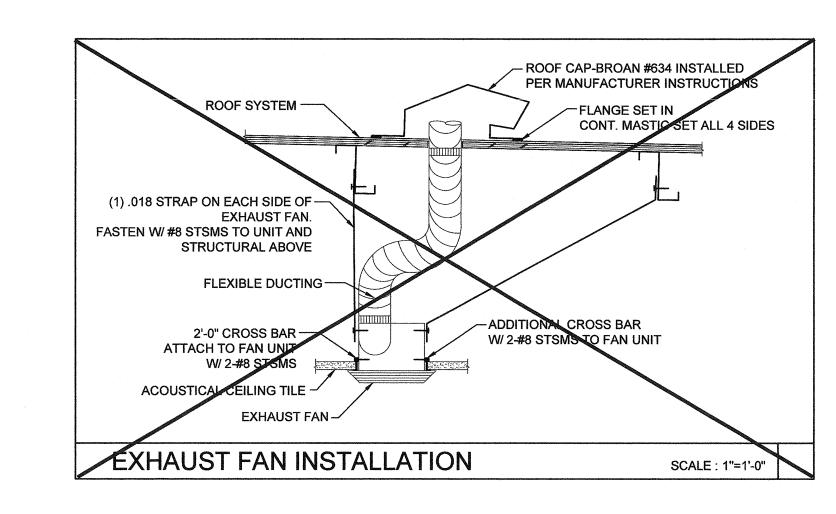








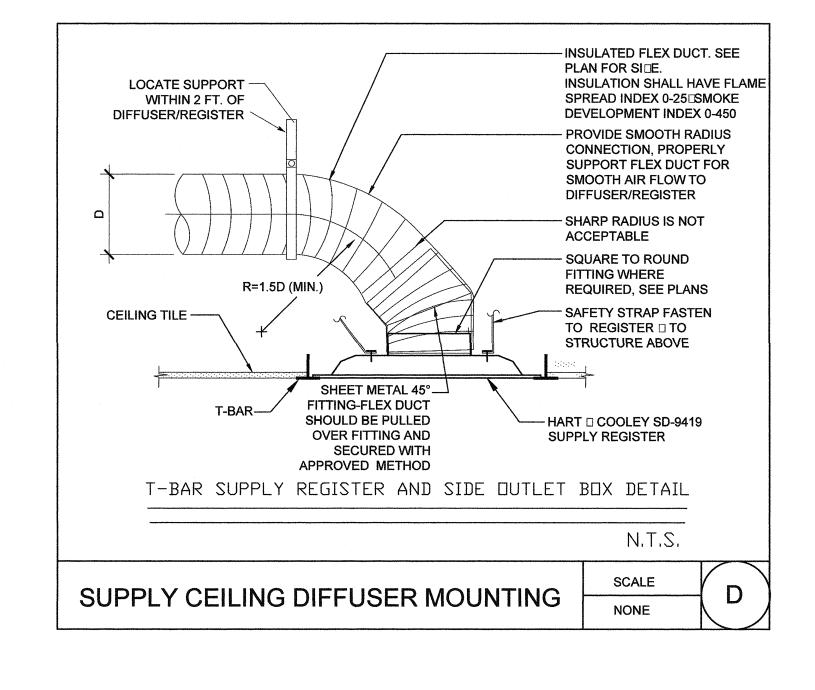


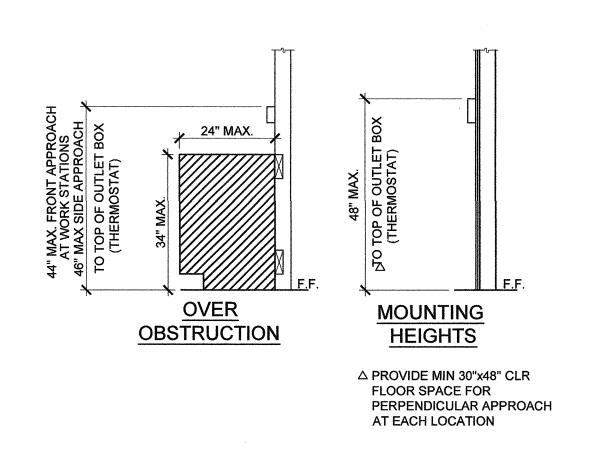


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	CEI	LING MC	UNTED	EXHAU	ST FAN	SCH	EDU	LE				
SYM.	LOCATION	SERVICE	MANUF.	MODEL	CFM	SONES	SP	ELECTRICAL		WGT.	REMARKS	
OTIM.	LOCATION	SERVICE	ANOT.	WODEL	Of W	SONES	- GF	VOLTS	Ø	POWER	WG1.	REIVIARNO
EF 1	CEILING	TOILET EXHA	UST BROAN	676	160	4.0	0.25	120	1	186 WATTS	7 LBS.	WITH BROAN ROOF CAP #636. PROVIDE 4" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF 2	CEILING	TOILET EXHA	.UST 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 EXHA	UST 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	CELLING	TOILET EXHA	.UST 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.
	OR APPRO\	/ED EQUAL.	enterno con esta de la constanta de la constant						<u> </u>	<u> </u>		

ITEM	NECK SI□E	RANGE CFM	MFG 🗆 MODEL #
T-BAR SUPPLY	6"Ø	0 - 150	Fixed Cur⊡e Blade, 4-wa∃throw
SUPPLY	8"Ø	150 - 230	For la⊡in T-⊡ar ceilings use Harth □ Coole□SD-941
	10"Ø	230 - 350	(Si⊡es as shown on Mech Plan)
16X16-4W	12"Ø	350 - 460	
	14"Ø	460 - 640	

	PERFORATED FACE GRILLE SCHEDULE (RETURN)			
	ITEM	NECK SI⊡E	RANGE CFM	MFG 🗆 MODEL#
	T-BAR RETURN	6"Ø	0 - 230	Perforated face For la⊡in T-⊡ar ceilings use Shoema⊡er 105P with 24 ga., 45 deg. angle. (Si⊡es as shown on Mech Plan.)
		10"Ø	230 - 460	
		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 2016 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 13, 26 AND 30.

- 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.
 MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE
- 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.

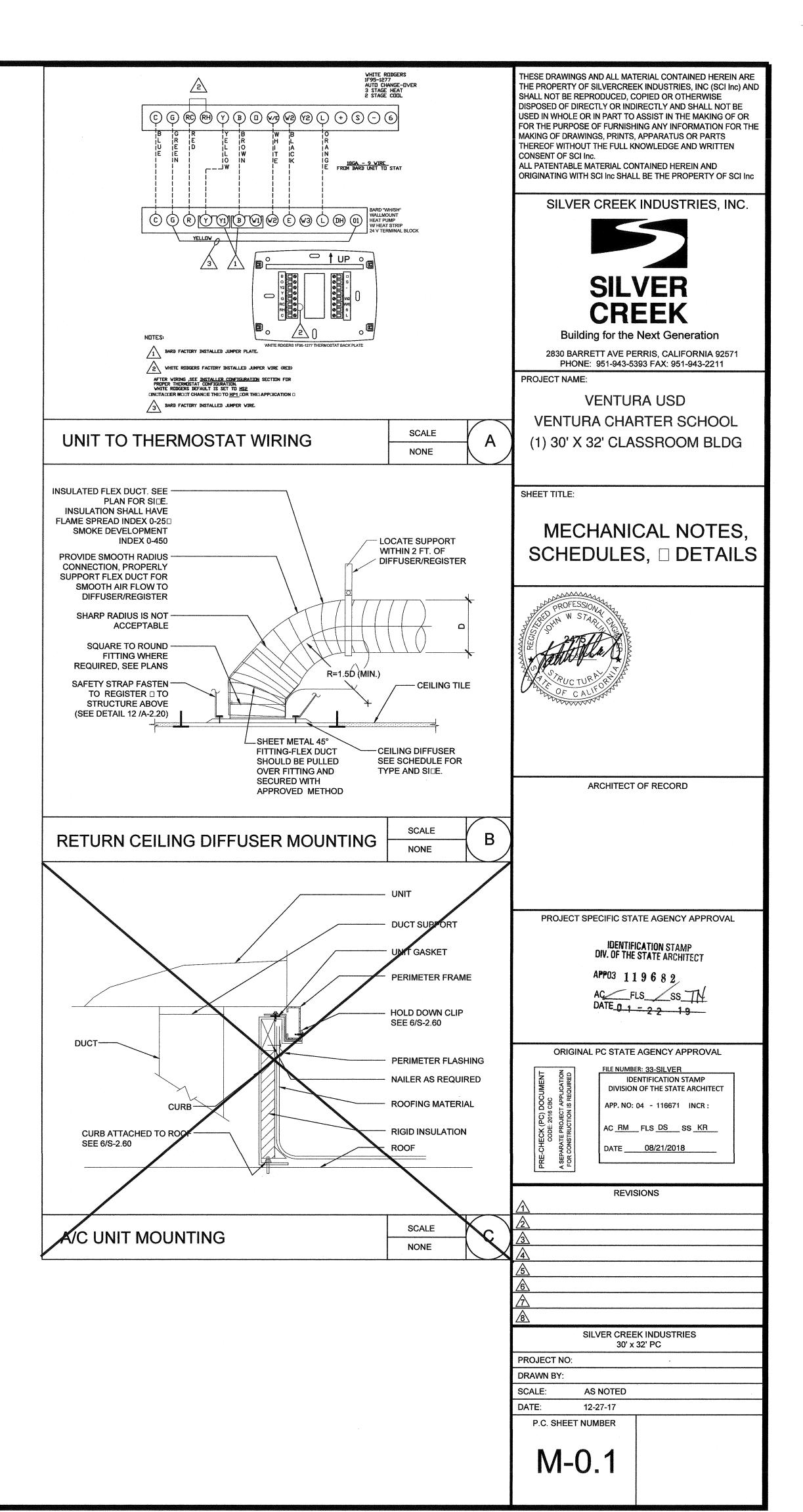
PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

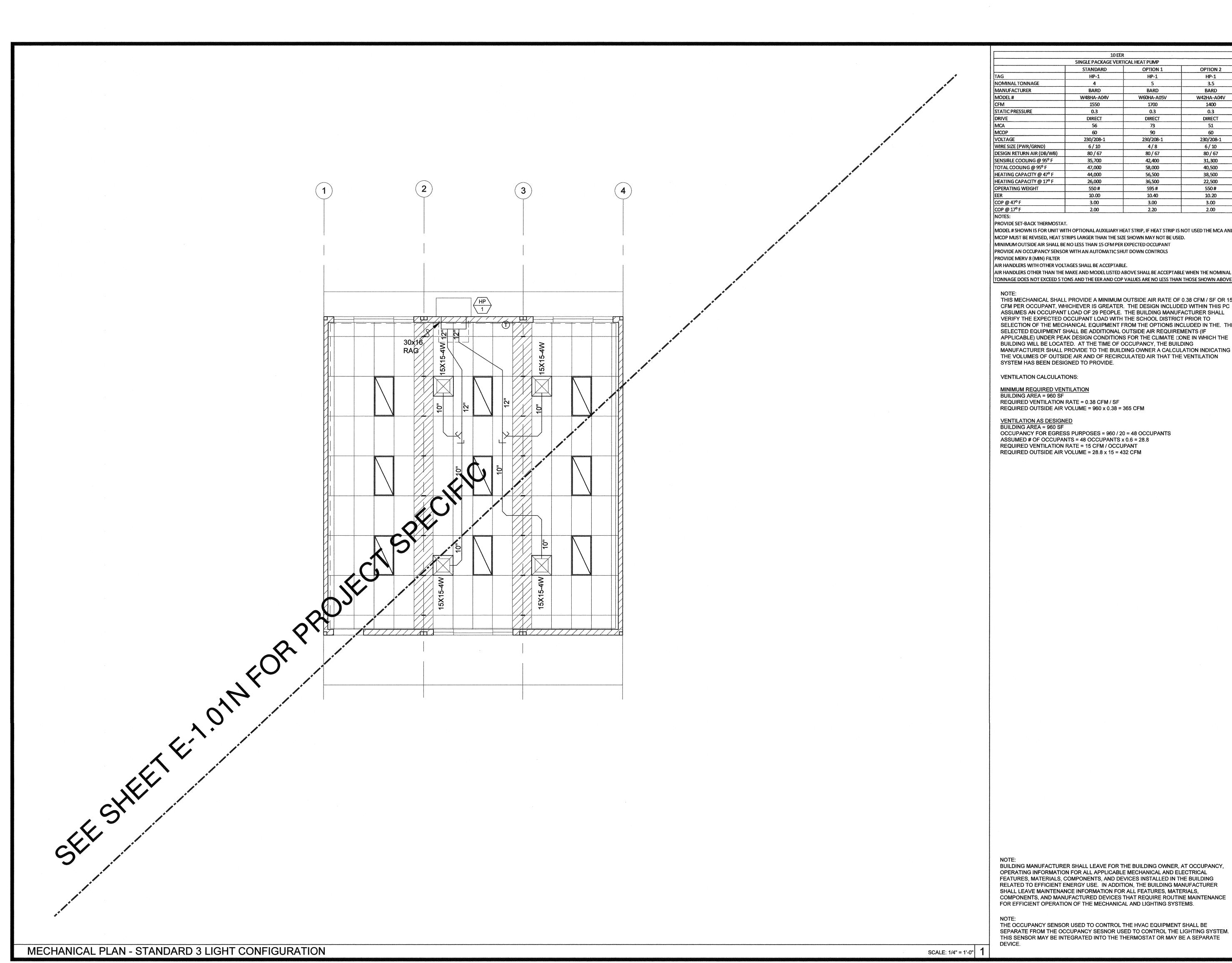
PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.8, 13.6.7, 13.6.5.6 AND 2016 CBC SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

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 BRACE LOADS.





SINGLE PACKAGE VERTICAL HEAT PUMP STANDARD OPTION 1 HP-1 HP-1 BARD BARD W48HA-A04V W60HA-A05V W42HA-A04V 0.3 DIRECT DIRECT 230/208-1 230/208-1 230/208-1 80 / 67 80 / 67 80 / 67 35,700 42,400 31,300 58,000 40,500 38,500 56,500 26,000 36,500 22,500 550# 595# 550# 10.40 10.20

MODEL # SHOWN IS FOR UNIT WITH OPTIONAL AUXILIARY HEAT STRIP, IF HEAT STRIP IS NOT USED THE MCA AND MCOP MUST BE REVISED, HEAT STRIPS LARGER THAN THE SIZE SHOWN MAY NOT BE USED.

AIR HANDLERS WITH OTHER VOLTAGES SHALL BE ACCEPTABLE.

AIR HANDLERS OTHER THAN THE MAKE AND MODEL LISTED ABOVE SHALL BE ACCEPTABLE WHEN THE NOMINAL TONNAGE DOES NOT EXCEED 5 TONS AND THE EER AND COP VALUES ARE NO LESS THAN THOSE SHOWN ABOVE.

THIS MECHANICAL SHALL PROVIDE A MINIMUM OUTSIDE AIR RATE OF 0.38 CFM / SF OR 15 CFM PER OCCUPANT, WHICHEVER IS GREATER. THE DESIGN INCLUDED WITHIN THIS PC ASSUMES AN OCCUPANT LOAD OF 29 PEOPLE. THE BUILDING MANUFACTURER SHALL VERIFY THE EXPECTED OCCUPANT LOAD WITH THE SCHOOL DISTRICT PRIOR TO SELECTION OF THE MECHANICAL EQUIPMENT FROM THE OPTIONS INCLUDED IN THE. THE SELECTED EQUIPMENT SHALL BE ADDITIONAL OUTSIDE AIR REQUIREMENTS (IF APPLICABLE) UNDER PEAK DESIGN CONDITIONS FOR THE CLIMATE DONE IN WHICH THE BUILDING WILL BE LOCATED. AT THE TIME OF OCCUPANCY, THE BUILDING MANUFACTURER SHALL PROVIDE TO THE BUILDING OWNER A CALCULATION INDICATING THE VOLUMES OF OUTSIDE AIR AND OF RECIRCULATED AIR THAT THE VENTILATION SYSTEM HAS BEEN DESIGNED TO PROVIDE.

MINIMUM REQUIRED VENTILATION BUILDING AREA = 960 SF

REQUIRED VENTILATION RATE = 0.38 CFM / SF REQUIRED OUTSIDE AIR VOLUME = 960 x 0.38 = 365 CFM

OCCUPANCY FOR EGRESS PURPOSES = 960 / 20 = 48 OCCUPANTS ASSUMED # OF OCCUPANTS = 48 OCCUPANTS x 0.6 = 28.8

REQUIRED VENTILATION RATE = 15 CFM / OCCUPANT REQUIRED OUTSIDE AIR VOLUME = 28.8 x 15 = 432 CFM

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Building for the Next Generation 2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

VENTURA USD VENTURA CHARTER SCHOOL (1) 30' X 32' CLASSROOM BLDG

SHEET TITLE:

MECHANICAL PLAN WALL MOUNT



ARCHITECT OF RECORD

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT

AC___FLS__SS__TN DATE_0 1 - 2 2 19

ORIGINAL PC STATE AGENCY APPROVAL FILE NUMBER: 33-SILVER **IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT** APP. NO: 04 - 116671 INCR: AC RM FLS DS SS KR DATE 08/21/2018

REVISIONS SILVER CREEK INDUSTRIES 30' x 32' PC PROJECT NO:

DRAWN BY: SCALE: AS NOTED

12-27-17 P.C. SHEET NUMBER

