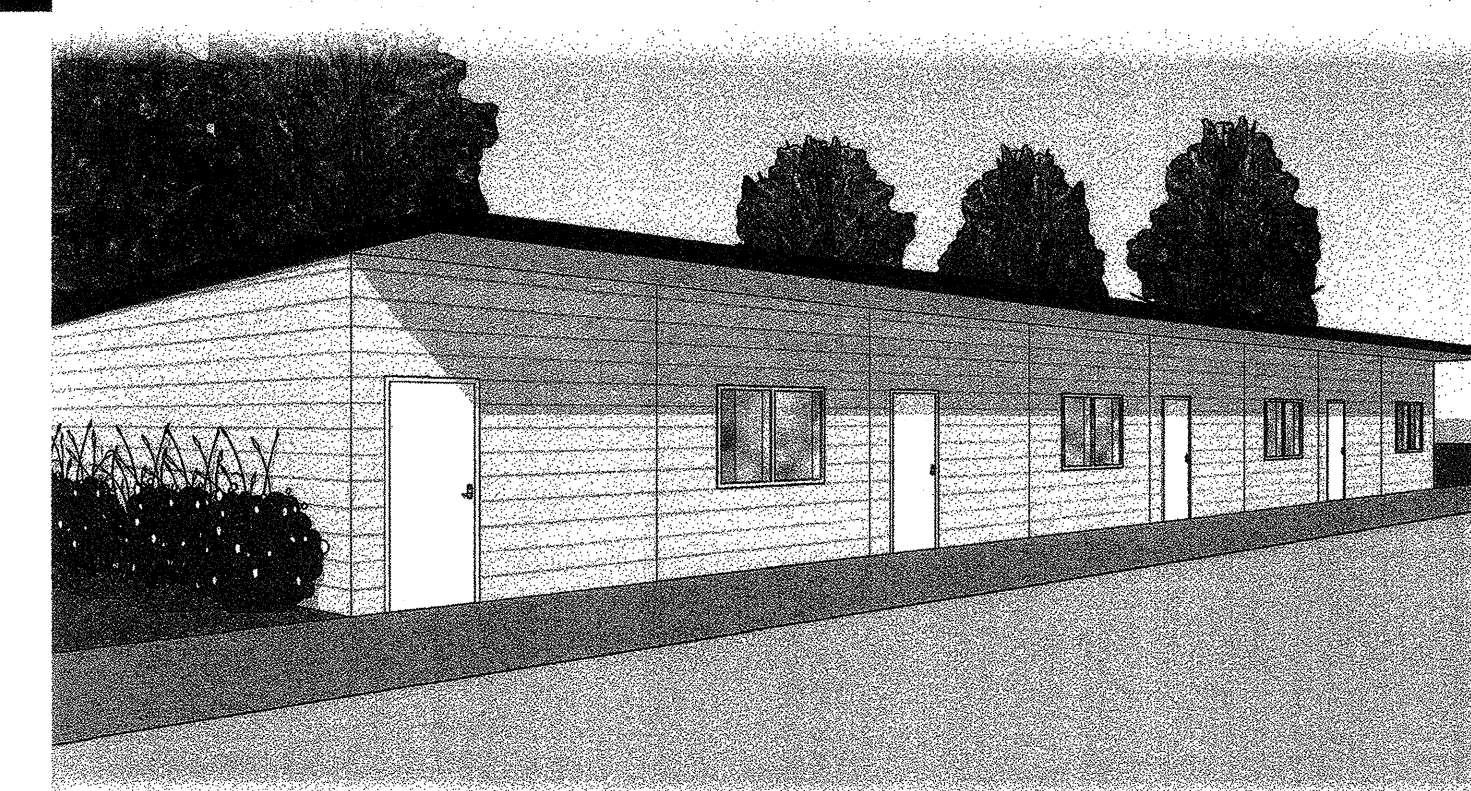


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American Modular Systems

STOCKPILE FOR
(1) 72' x 40' & (6) 84' x 40' CLASSROOM BUILDINGS, (4) 72' x 40' KINDERGARTEN BUILDINGS & (1) 48' x 40' CLASSROOM BUILDING

APPLICABLE CODES

- PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2017
• 2016 CALIFORNIA ADMINISTRATIVE CODE (CAC) - PART 1, TITLE 24, CCR)
• 2016 CALIFORNIA BUILDING CODE (CBC), VOLUME 1 & 2 - (PART 2, TITLE 24 CCR) BASED ON THE 2015 INTERNATIONAL BUILDING CODE
• 2016 CALIFORNIA ELECTRICAL CODE (CEC) - (PART 3, TITLE 24, CCR) BASED ON THE 2014 NATIONAL ELECTRIC CODE
• 2016 CALIFORNIA MECHANICAL CODE (CMC) - (PART 4, TITLE 24, CCR) BASED ON THE 2015 UNIFORM MECHANICAL CODE
• 2016 CALIFORNIA PLUMBING CODE (CPC) - (PART 5, TITLE 24, CCR) BASED ON THE 2015 UNIFORM PLUMBING CODE
• 2016 CALIFORNIA ENERGY CODE (CEC) - (PART 6, TITLE 24, CCR)
• 2016 CALIFORNIA FIRE CODE (CFC) - (PART 9, TITLE 24, CCR) BASED ON THE 2015 INTERNATIONAL FIRE CODE
• 2016 CALIFORNIA GREEN BUILDING CODE (CGC) - (PART 11, TITLE 24, CCR)
• 2016 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)

- PARTIAL LIST OF APPLICABLE STANDARDS
• NFPA 13 AUTOMATIC SPRINKLER SYSTEM 2016 EDITION
• NFPA 14 STANDPIPE AND HOSE SYSTEMS 2013 EDITION
• NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS 2013 EDITION
• NFPA 17A WET CHEMICAL EXTINGUISHING SYSTEMS 2013 EDITION
• NFPA 20 STATIONARY PUMPS 2016 EDITION
• NFPA 24 PRIVATE FIRE MAINS 2016 EDITION
• NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (CALIFORNIA AMENDED) 2016 EDITION
• NFPA 253 (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES") 2015 EDITION
• NFPA 2001 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 2015 EDITION

GENERAL NOTES

- PC BUILDING CLASSIFIED AS OCCUPANCY "A" WITH OCCUPANT LOAD 100 OR MORE CANNOT BE REVIEWED OVER THE COUNTER (OTC).
2. PC BUILDING APPROVED ONLY FOR OCCUPANCY "E" OR "B", OR "A" CATEGORY I & II, WITH AN OCCUPANT LOAD LESS THAN 250.
3. PC BUILDING EXISTING IS BASED ON THE USE OR OCCUPANCY AND WILL BE REVIEWED AS SITE SPECIFIC.
4. PC BUILDINGS LOCATED IN FIRE HAZARD SEVERITY ZONES PER WILDLAND URBAN INTERFACE FIRE AREAS (WUI) SHALL CONFORM TO CBC CHAPTER 7A. PC IS NOT APPROVED FOR WUI.
5. SITE USE SPECIFIC REQUIREMENT FOR AUTOMATIC SPRINKLER SYSTEM MIGHT BE REQUIRED. AUTOMATIC FIRE SPRINKLER REQUIREMENTS ARE NOT INCLUDED IN THIS PC APPROVAL. (NOTE: SEE BUILDING DATA THIS SHEET FOR FIRE SPRINKLER SYSTEM WEIGHT INCLUDED IN BUILDING DESIGN)
6. FIRE SERVICE UNDERGROUND SHALL BE REVIEWED AS A SITE SPECIFIC APPLICATION. WATER SUPPLY SHALL BE DESIGNED TO MEET THE PC SPRINKLER DEMAND REQUIREMENTS.
7. PROVIDE A SITE SPECIFIC FIRE FLOW LETTER OF CERTIFICATION FROM AN APPROVED WATER PURVEYOR OR LOCAL FIRE AUTHORITY.
8. THIS PC PLAN SHALL NOT BE USED TO HOUSE "ROOMS OR AREAS WITH SPECIAL HAZARDS" SUCH AS LABORATORIES, VOCATIONAL SHOPS AND OTHER SUCH AREAS NOT CLASSIFIED AS GROUP H, LOCATED IN GROUP E OCCUPANCIES.
9. A SEPARATE OSA APPLICATION NUMBER IS REQUIRED FOR DESIGN & INSTALLATION OF SOLAR PANEL SYSTEMS, ITS ANCHORAGE & SUPPORT STRUCTURE. (NOTE: SOLAR PANEL SYSTEM WEIGHT NOT INCLUDED IN BUILDING DESIGN)
10. IF THE STRUCTURE IS LOCATED IN AN AREA WITH LIQUEFIABLE SOIL OR SITE CLASS F, OVER-THE-COUNTER SUBMITTAL IS NOT ALLOWED AND REGULAR PROJECT SUBMITTAL IS REQUIRED. IF THE SITE IS NOT IN A MAPPED LIQUEFACTION HAZARD ZONE, IT MAY BE PRESUMED THAT NO LIQUEFACTION HAZARD EXISTS ON THAT SITE UNLESS A SITE-SPECIFIC GEOTECHNICAL REPORT IDENTIFIES SUCH HAZARD.
11. THIS PC BUILDING IS NOT DESIGNED FOR FLOOD HAZARD AREAS.
12. THE PLACEMENT OF THE PC BUILDING(S) ON OR ADJACENT TO SLOPES SHALL COMPLY WITH THE FOUNDATION CLEARANCES FROM SLOPES SPECIFICATIONS FOUND ON SHEET N2.0 OF THESE DRAWINGS.
13. PC BUILDING SHALL NOT BE PLACED OR BE RELOCATED IN AREAS HAVING A NOISE CONTOUR GREATER THAN OR EQUAL TO 65 CNEL, OR IN AREAS EXPOSED TO A NOISE LEVEL OF 65 dB Leq-1-hr DURING ANY HOUR OF OPERATION WHEN NOISE CONTOURS ARE NOT READILY AVAILABLE, AS SPECIFIED IN CALGREEN CODE, SECTION 5.507.4.1 & 5.507.4.1.1.
14. THIS PC BUILDING IS NOT DESIGNED FOR SNOW LOADS.

SITE-SPECIFIC OPTIONS

Table with columns for FLOOR DECK, WALL STUDS, EXTERIOR WALL FINISH, ROOFING, ROOF PITCH, ROOF DIAPHRAGM, FRONT OVERHANG, REAR OVERHANG, SOLATUBE ON ROOF, FIRE SPRINKLERS, PARAPETS, RAMP(S), LIQUEFIABLE SOILS, GEOHAZARD REPORT. Includes checkboxes for various options like plywood sheathing, steel deck, synthetic stucco, etc.

Geotechnical Firm Report section with fields for Report #, Report Date, and checkboxes for Deeper Footings Required and Wider Footings Required.

BUILDING DATA

Table containing occupancy (E OR B), type of construction (V-B), wind load, roof live load, snow load, design dead loads, roof solar panels, fire sprinkler system design wt., allowable soil pressure, flood hazard area, building area, climate zone, modules, system, and foundation type.

SITE SPECIFIC SEISMIC CRITERIA:

SITE SPECIFIC Ss = SITE CLASS = D
SITE SPECIFIC S1 =
(NOTE: SITE SHALL BE SITE CLASS "D" IF NO SOILS REPORT UNLESS THERE IS EVIDENCE OF CLASS "E" OR "F" SOILS PRESENT.)
SEISMIC: RISK CATEGORY II
Ia = 1.0 T = 0.240s R = 3.5 (OMF) Fv = 1.5 Max. FOR SITE CLASS A-D
D0 = 3.0 C0 = 3.0 SEISMIC DESIGN CATEGORY: D (Ss <= 0.75)
p = 1.0 E (0.75 < Ss < 1.5)
LATERAL FORCE RESISTING SYSTEM: LIGHT MODULAR STEEL MOMENT FRAMES PER 2212A ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

SITE CLASS A-D:
LOW SEISMIC Ss = 2.429 MAX (SITE) 1.700 (DESIGN)* F0 = 1.0 Sps = 1.82 (SITE) 1.13 (DESIGN)*
HIGH SEISMIC Ss = 3.257 MAX (SITE) 2.280 (DESIGN)* F0 = 1.0 Sps = 2.17 (SITE) 1.52 (DESIGN)*
SITE CLASS E:
LOW SEISMIC Ss = 1.889 MAX (SITE) 1.889 (DESIGN)* F0 = 0.9 Sps = 1.13 (SITE) 1.13 (DESIGN)*
HIGH SEISMIC Ss = 2.533 MAX (SITE) 2.533 (DESIGN)* F0 = 0.9 Sps = 1.52 (SITE) 1.52 (DESIGN)*

- *PER CBC 1616A.1.12 (MODIFICATION TO ASCE 7-10, 19.2.8.1.3): THE VALUE OF Ss AND S1 ARE PERMITTED TO BE CALCULATED USING A VALUE OF Sps EQUAL TO 1.0, BUT NOT LESS THAN 70% OF Sps AS DEFINED IN SECTION 11.4.4, PROVIDED THAT ALL OF THE FOLLOWING CRITERIA ARE MET:
1. STRUCTURE DOES NOT HAVE IRREGULARITIES;
2. STRUCTURE DOES NOT EXCEED FIVE (5) STORIES ABOVE THE BASE;
3. STRUCTURE HAS A FUNDAMENTAL PERIOD, T, THAT DOES NOT EXCEED 0.5 SECONDS;
4. STRUCTURE MEETS REQUIREMENTS FOR REDUNDANCY FACTOR, R, TO BE TAKEN AS 1.0;
5. SITE SOIL PROPERTIES ARE NOT CLASSIFIED AS SITE CLASS "E" OR "F";
6. STRUCTURE IS CLASSIFIED AS RISK CATEGORY II.

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SHEET INDEX FOR (1) 72'x40' & (6) 84'x40' CLASSROOM BUILDINGS

Large table listing architectural and structural sheets. Includes sections for Architectural (Options, Cover Sheet, Inspection Form, General Notes, Energy Sheets, Floor Plans, Roof Plan, Wall Framing, Interior Elevations, Exterior Elevations, Stucco, Lap Siding, Synthetic Stucco, Miscellaneous Details) and Structural (Steel Member Properties, Foundation Plans, Floor Framing, Roof Framing, Building Framing, Wall Framing, Mechanical, Electrical, Plumbing).

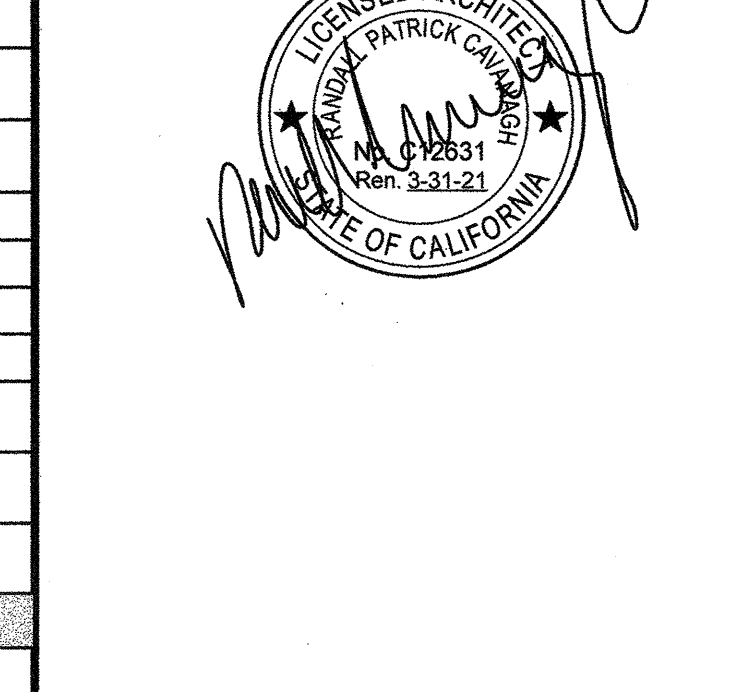
PRE-CHECKED SET NAME

24'x40' THRU 120'x40' STANDARD MODULAR BUILDINGS

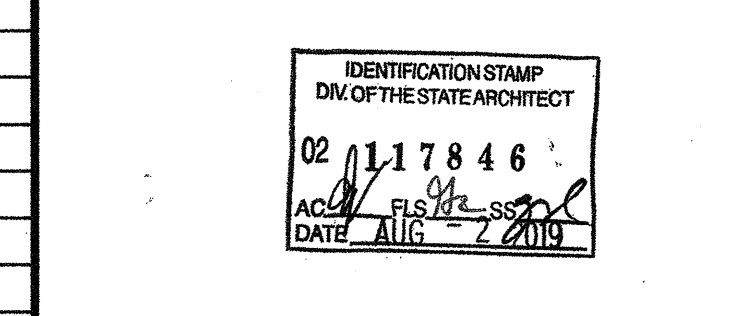
SITE SPECIFIC PROJECT NAME: STOCKPILE FOR (1) 72' x 40' & (6) 84' x 40' CLASSROOM BUILDINGS, (4) 72' x 40' KINDERGARTEN BUILDINGS & (1) 48' x 40' CLASSROOM BUILDING

SHEET TITLE: TITLE SHEET

MANUFACTURER PROFESSIONAL OF RECORD ON PC



PROJECT SPECIFIC STATE AGENCY APPROVAL



ORIGINAL PC STATE AGENCY APPROVAL

BASED ON PC# 02-115700

PRE-CHECK (PC) DOCUMENT CODE: 2018 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

REVISIONS section with fields for Drawn By, Scale, Date, and Sheet Number.

Plumbing section listing sheets P1.0-01, P2.0-01, P3.0-01.