

HACIENDA LA PUENTE U.Ś.D.

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787 Spreckels Ave., Manteca, CA 95336 Phone (209) 825-1921 - Fax (209) 825-7018

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WEDGEWORTH ELEMENTARY SCHOOL (5) 36'x40' RELOCATABLE BUILDINGS **BUILDING DATA** OCCUPANCY E OR B (CLASSROOM USE FOR COLLEGE) TYPE OF CONSTRUCTION WIND LOAD V = 110 MPH ULT. WIND SPEED EXPOSURE = C $K_{zr} = 1.00$ FLOOR LIVE LOAD

AMERICAN MODULAR SYSTEMS, INC. (X - INDICATES TEST OR INSPECTION TO BE DONE)
--- INDICATES NOT APPLICABLE) TESTS or INSPECTIONS CONSTRUCTION OF **RELOCATION OF** STOCKPILE CERTIFIED (as listed on DSA-103) diaphragm material-foundation BUILDING material) **MATERIAL TYPE** DESCRIPTION FIGOR | POUR | FOUR | F Site has been prepared properly price to fill placement/excavations Fdn excavations extended to proper necessity of the Test and/or depth and material Inspections with the requirements Perform Qualification Testing of Fil Χ Application that this PC is part COMPACTED inspect lift thickness, placement and compactation during placement of Test Compactation of controlled fi Verify use of required design mix Perform Slump and (where required) Air Content Test; 7c determine Temperature of --- | X | Χ 7e See next cell below if waived Waiver of Batch Plant Inspec 12 See Note 1 for conditions and 7f reinforcing and embedded items 7a Verify use of required design mix Test Reinforcing Steel - See 7b Note 2 for Waiver , One Perform Slump and (when required) Air Content Test determine Temperature of FOUNDATION \_\_\_\_ Test concrete -Compressi Χ Χ 7e See next cell below if waived (per Waiver of Batch Plant Inspection -To be performed by batch plan Χ Note 1 inspector.
See Note 1 for conditions and Inspect placement of formwo concrete, reinforcing steel and embedded items by Project Inspecto INSTALLED 11b Test post-installed anchors Х X \*Material are appropriately 17a \*Mfr. Certified Mill Test Reports Χ Х \*Material Sizes, Types and Grades comply with requirement Sample and Test all Unidentified  $\mathbf{x} \mid \mathbf{x} \mid$ Х Structural Steel and Steel Decl MATERIAL VERIFICATION 17c Examine seam welds of structural tubes and pipes  $X \mid X \mid$ Χ X Х 17d and all details constructed in the Verify stiffener locations connection tab locations and all construction details fabricated in Verify weld filler material identification marking p AWS designation listed on the DSA approved documents and the WPS VERIFICATION Verify weld filler material MATERIALS. 19b manufacturer's certificate of **EQUIPMENT** Verify WPS, welder qualifications 19c and equipment Х 19.1a Inspect groove, multi-pass, and fillet welds > 5/16"  $X \mid X \mid$ Χ Χ 19.1b Inspect single-pass fillet welds = 5/16" 19.1c railing systems. Note 4 Х NFPA 72 19.2a Inspect groove, multi-pass, and fillet welds > 5/16" 19.2b Inspect single-pass fillet welds = 5/16" NFPA 253 Χ X Χ --- X See Note 4 19.2f Inspect welding of stairs and railing systems. NFPA 2001 Χ ASME 17.1 Examine structural steel surface conditions, inspect 22a verify compliance of all aspects of application with DSA approved documents. 23a of cold-formed steel Shop Welding - Inspect welding 23b of steel floor deck welds OTHER - GROUNDING Note 5 26b Electrical grounding Test/Project X | X | X Ceiling wire hangers (pins in OTHER - SHOT PINS 26c metal deck with concrete fill) (Two Story Modular) Additional Information for PC designs only, not to be added to DSA-103 Class 4 for Single Story Class 2 for Two-Story In Plant; RBIP or Class 1 Site: Class 4 for INSPECTOR CLASS (minimum requirements) RBIP or Class 1 SELECTION OF THE PROJECT INSPECTOR AND TESTING AGENCY

TYPE OF MODULAR STEEL MOMENT FRAME BUILDING PROJECT

Single Story Site: Class 2 for Two-Story Class 2 for Tw By the School District and approved by DSA, A/E of Record and By the Owner and approved by DSA, A/E of Record and Structural Engineer Structural Engineer

By the School District

NOTES: NOTES APPLY ONLY WHEN TESTS OR INSPECTIONS APPLY TO YOUR PC SUBMITTAL. Note 1: Waiver of Batch Plant Inspection (per CBC 1705A3.2 & 1705A3.3):

Verify that Either Condition a or b are noted in the specifications:

a) Concrete Plant complies fully with ASTM C94, Section 8 and 9, and has a current certification indicating the plant has automatic batching and recording capabilities from the National Ready Mixed Concrete Association b) For One-story buildings, Compressive strength: 3500 psi Specified - 3000 psi Design

AUTHORIZED USE: ALL INFORMATION INCLUDED IN ON THIS FORM DSA-103 SHEET IS FOR THE SOLE PURPOSE OF RECEIVING DSA

APPROVAL AND ISSUANCE OF A PC #. NO OTHER USE IS

AUTHORIZED WITHOUT THE EXPRESS WRITTEN CONSENT OF

c) Certified technician of the test laboratory check first batching at start of work and furnish mix proportions to licensed weighmaster d) Licensed Weighmaster to positively identify materials as to quantity and certify each load by a ticket e) Tickets transmitted to Inspector of Record

Note 2: Test may be waived if mill certificate is provided. Note 3: Required only where the details of the PC specify the use of this type of anchor Note 4: Required only where the details of the PC specify this Welding Note 5: This test needs to be written in on the DSA-103 form

COST OF THE PROJECT INSPECTOR (Title 24, Part 1, Section 4-333(b) AND TESTING AGENCY (Title 24, Part 1, Section 4-335)

**ARCHITECTURAL** 50 LBS/SQ. FT., 50 LBS.+ 15 LBS./SQ. FT., 100 LBS/SQ. FT. & 150 LBS./SQ. FT. ROOF LIVE LOAD 20 LBS/SQ FT (REDUCIBLE) FIRE SPRINKLER SYSTEM WEIGHT (PSF) | 1.5 ALLOWABLE SOIL PRESSURE (PSF) 1,500 FOR CONCRETE / 1,000 FOR WOOD FLOOD HAZARD AREA BUILDING AREA 1,440 SQ FT CLIMATE ZONES 1-16 MODULES MOMENT-RESISTANT FRAME (SINGLE STORY) SYSTEM 12' x 40' MODULES FOUNDATION TYPE -CONCRETE / WOOD Seismic design category = D ( $S_1 \le 0.75$ ) □ A3.0  $E (S_1 = 0.75 < 1.5)$ T=0.231 s R=3.5 (OMF) $\Omega_0 = 3.0$  $C_{d} = 3.0$ LOW SEISMIC SITE CLASS D  $F_V = 1.5$  $F_{-} = 1.0$  $S_S = 2.125 \text{ MAX (SITE)}$  $|C_S = 0.324|$  W (DESIGN)\* \* PER CBC 1616A.1.12 (MODIFICATION TO ASCE = 1.700 (DESIGN)\*7-10, 12.8.1.3), FOR REGULAR STRUCTURES (5) STORIES OR LESS WITH PERIOD OF 0.5s OR LESS, Cs IS CALCULATED USING A SS DESIGN HIGH SEISMIC VALUE EQUAL TO THE GREATER OF 1.5 OR 80%  $F_{a} = 1.0$   $S_{DS} = 1.52$  $S_S = 2.850 \text{ MAX (SITE)}$ OF THE ACTUAL SS VALUE = 2.280 (DESIGN)\*  $C_S = 0.434$  W (DESIGN)\*  $\times$  SITE SPECIFIC S<sub>S</sub> = APPLICABLE CODES PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2014 \*2013 CALIFORNIA ADMINISTRATIVE CODE (CAC) — (PART 1, TITLE 24, CCR) 2013 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 AND 2 - (PART 2, TITLE 24 CCR) BASED ON THE 2012 INTERNATIONAL BUILDING CODE 2013 CALIFORNIA ELECTRICAL CODE (CEC) - (PART 3, TITLE 24, CCR) BASED ON THE 2011 NATIONAL ELECTRIC CODE 2013 CALIFORNIA MECHANICAL CODE (CMC) - (PART 4, TITLE 24, CCR) BASED ON THE 2012 UNIFORM MECHANICAL CODE 2013 CALIFORNIA PLUMBING CODE (CPC) - (PART 5, TITLE 24, CCR) BASED ON THE 2012 UNIFORM PLUMBING CODE □ S2.0 \*2013 CALIFORNIA ENERGY CODE (CEC) - (PART 6, TITLE 24, CCR) 2013 CALIFORNIA FIRE CODE (CFC) - (PART 9, TITLE 24, CCR) BASED ON THE 2012 INTERNATIONAL FIRE CODE 🔀 S2.4 \*2013 CALIFORNIA GREEN CODE (CGC) - (PART 11, TITLE 24, CCR) 2013 CALIFORNIA REFERENCED STANDARDS CODE - (PART 12, TITLE 24, CCR) 2013 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE PART 7, TITLE 24, C.C.R \* EFFECTIVE JULY 1, 2014 PARTIAL LIST OF APPLICABLE STANDARDS NFPA 13 Automatic Sprinkler Systems 2013 Edition NFPA 14 Standpipe Systems 2013 Edition NFPA 17 Dry Chemical Extinguishing Systems 2013 Edition NFPA 17a Wet Chemical Systems 2013 Edition NFPA 20 2013 Edition Stationary Pumps NFPA 24

## **GENERAL NOTES**

2013 Edition

2013 Edition

2006 Edition

2012 Edition

2007 Edition

PC BUILDING CLASSIFED AS OCCUPANCY "A" WITH OCCUPANT LOAD 100 OR MORE CAN

National Fire Alarm Code (California Amended)

Critical Radiant Flux of Floor Covering Systems

PC BUILDING APPROVED ONLY FOR OCCUPANCY E OR B, OR A CATEGORY I & II WITH OCCUPANT LOAD LESS THAN 250.

(Note See l

Private Fire Mains

Elevator Standard

Standard 1971 for "Visual Devices")

PANEL SYSTEM, ITS ANCHORAGE & ROOF SUPPORT STRUCTURE.

Clean Agent Fire Extinguishing Systems

PC BUILDING EXITING IS BASED ON THE USE OR OCCUPANCY AND WILL BE REVIEWED AS SITE SPECIFIC.

4. THIS PLAN DOES NOT INCLUDE 2013 CBC REQUIREMENTS FOR "WILDLAND URBAN INTERFACE" AREAS.

ADDITIONAL FIRE RESISTIVE CONSTRUCTION AND SAFE GUARDS WILL BE REQUIRED PER 2013 CBC CHAPTER 7A IF SITED IN A "WILDLAND URBAN INTERFACE" AREA.

SITE USE SPECIFIC REQUIREMENT FOR AUTOMATIC SPRINKLER SYSTEM MIGHT BE REQUIRED. AUTOMATIC FIRE SPRINKLER REQUIREMENTS ARE NOT INCLUDED IN THIS PC APPROVAL.

6. FIRE SERVICE UNDERGROUND SHALL BE REVIEWED AS A SITE SPECIFIC APPLICATION.WATER SUPPLY SHALL BE DESIGNED TO MEET THE PC SPRINKLER DEMAND REQUIREMENTS.

PROVIDE A SITE SPECIFIC FIRE FLOW LETTER OF CERTIFICATION FROM AN APPROVED WATER PURVEYOR OR LOCAL FIRE AUTHORITY. 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 DSA APPLICATION NUMBER IS REQUIRED FOR DESIGN & INSTALLATION OF THE SOLAR

SHEET INDEX

TS TITLE SHEET ₩ N1.0 GENERAL NOTES ■ N2.0 GENERAL NOTES X N3.0 SCHEDULES N4.0 ACCESSIBILITY STANDARDS DETAILS

MULTIPLE FLOOR PLAN CONFIGURATIONS ☐ N5.1 MULTIPLE FLOOR PLAN CONFIGURATIONS EN.1 ENERGY CALCULATIONS M EN.2 ENERGY CALCULATIONS ENERGY CALCULATIONS

ENERGY CALCULATIONS ENERGY CALCULATIONS EN.6 ENERGY CALCULATIONS TYPICAL FLOOR PLAN

NOT USED

TYPICAL FLOOR PLAN FOR CLASSROOM w/ SOLATUBE OPTION □ A1.1 🔀 A1.2 RESTROOM FLOOR PLAN X A2.0 ROOF PLAN ★ A2.1 ROOF DETAILS

A4.0 INTERIOR ELEVATIONS - TYPICAL CLASSROOM A4.1 INTERIOR ELEVATIONS - RESTROOM OPTION A5.0 TYPICAL EXTERIOR ELEVATIONS — DURATEMP 303 OPTION A5.1 TYPICAL ARCHITECTURAL DETAILS - DURATEMP 303 OPTION TYPICAL EXTERIOR ELEVATIONS - STUCCO OPTION TYPICAL ARCHITECTURAL DETAILS - STUCCO OPTION

☐ A5.4 TYPICAL EXTERIOR ELEVATIONS - LAP SIDING OPTION TYPICAL ARCHITECTURAL DETAILS - LAP SIDING OPTION TYPICAL EXTERIOR ELEVATIONS - SYNTHETIC STUCCO OPTION □ A5.7 TYPICAL ARCHITECTURAL DETAILS - SYNTHETIC STUCCO OPTION □ A6.0 NOT USED

A7.0 ARCHITECTURAL OPTIONS DETAILS □ A7.1 NOT USED A7.2 MISCELLANEOUS ARCHITECTURAL DETAILS FIRE-RATING DETAILS

**STRUCTURAL** SO.0 STEEL MEMBER PROPERTIES CONCRETE FOUNDATION PLAN - 50 PSF LIVE LOAD CONCRETE FOUNDATION PLAN - 50+15 PSF LIVE LOAD CONCRETE FOUNDATION PLAN - 100 PSF LIVE LOAD

CONCRETE FOUNDATION PLAN - 150 PSF LIVE LOAD CONCRETE FOUNDATION DETAILS □ S1.5 CONCRETE FOUNDATION DETAILS

CONCRETE FOUNDATION DETAILS □ S1.7 CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FOOTINGS

WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. PLYWOOD OR STRUCTO-CRETE FLOOR

WOOD FOUNDATION PLAN - 100 PSF L.L. □ S2.3 WOOD FOUNDATION PLAN - 150 PSF L.L.

WOOD FOUNDATION DETAILS S3.0 FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK OPTION

□ S3.2 FLOOR FRAMING PLAN & DETAILS - CONCRETE/N32 DECK OPTION FLOOR FRAMING PLAN & DETAILS - CONCRETE/3W DECK OPTION ROOF FRAMING PLAN & DETAILS - OPEN SOFFIT OPTION

ROOF FRAMING PLAN & DETAILS - ENCLOSED SOFFIT OPTION ROOF FRAMING DETAILS □ S4.3 OPTIONAL PARAPET FRAMING ELEVATIONS AND DETAILS

S5.0 MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME CONNECTION DETAILS S6.0 TYPICAL LONGITUDINAL & TRANSVERSE FRAME SECTIONS

S8.0 WOOD STUDS WALL FRAMING ELEVATIONS & SCHEDULES S8.1 WOOD STUDS WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING ELEVATIONS & SCHEDULES

METAL STUDS OPTION WALL FRAMING DETAILS TYPICAL METAL STUD FRAMING DETAILS & PROPERTIES □ S9.2 RAMP PLANS & NOTES **X** S10.0

**X** S10.1 RAMP DETAILS

M1.0 TYPICAL REFLECTED/MECHANICAL CEILING PLAN ☐ M1.1 TYPICAL MECHANICAL PLAN OPTIONS

☐ M1.2 NOT USED ☐ M1.3 RESTROOM OPTION REFLECTED CEILING PLANS M1.4 MECHANICAL BUILDING SECTION & CEILING DETAILS M1.5 CEILING & MECHANICAL DETAILS

M1.6 MECHANICAL ROOF DETAILS M1.7 CEILING & MECHANICAL NOTES, SCHEDULES

## **ELECTRICAL**

E1.0 TYPICAL ELECTRICAL PLAN ☐ E1.1 RESTROOM OPTIONS ELECTRICAL PLANS

E1.2 ELECTRICAL NOTES. PANEL LAYOUT DETAILS

24'x40' THRU 120'x40' STANDARD MODULAR

P1.0 RESTROOM PLUMBING PLAN & FIXTURE SCHEDULE P2.0 PLUMBING DETAILS & ACCESSIBLE DETAILS PLUMBING ISOMETRICS

SHEETS WITH SPECIFIC LOW / HIGH

SEISMIC DESIGNATIONS / OPTIONS

50 PSF CONCRETE FOUNDATION PLAN

50+15 PSF CONCRETE FOUNDATION PLAN

FLOOR FRAMING PLYWOOD OR STRUCTO-CRETE

100 PSF CONCRETE FOUNDATION PLAN

150 PSF CONCRETE FOUNDATION PLAN

WOOD FOUNDATION 50 PSF+15 PSF

MOMENT FRAME ELEVATIONS & DETAILS

MOMENT FRAME CONNECTION DETAILS

CONCRETE FOUNDATION DETAILS

WOOD FOUNDATION 50 PSF

WOOD FOUNDATION 100 PSF

WOOD FOUNDATION 150 PSF

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COVER SHEET

S2.1

S2.2

RIGHTS AND INTERESTS.

SITE SPECIFIC PROJECT NAME

PRE-CHECKED SET NAME

HACIENDA LA PUENTE U.S.D WEDGEWORTH ES (5) 36'X40' BUILDINGS

BUILDINGS

HEET TITLE

TITLE SHEET



THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION

UNLESS STAMPED & SIGNED BY THE ENGINEER OF RECORD. PROJECT SPECIFIC STATE AGENCY APPROVAL

DENTIFICATION STAMP DIV. OF THE STATE ABOUTECT APR 0 3 2018

ORIGINAL PC STATE AGENCY APPROVAL

BASED ON PC# 02-113876

	JECT APPLICATION FOR CONSTRU	
	REVISIONS	
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2		
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4		
DRAWN BY:	AB	
SCALE:	AS NOTED	
DATE:	03/12/2018	

SHEET NUMBER