CLASS LEASING, LLC.

1221 Harley Knox Blvd. Perris, CA 92571-7408 Fax (951) 943-5768 (951) 943-1908

Scope of Work: Contractor shall provide all labor, materials and services to install carpentry

a) FRAMING; securely nailed, bridged and blocked to form rigid structure. Work cut, fitted and assembled level plumb and true to line. Trim in as long lengths as possible with all standing trim in one piece. Trim sealed at

b) NAILING; in accordance with the title 24 CCR-Table 2304.9.1. Nails shall be corrosion resistant box nails.

c) Machine applied nailing shall have prior demonstration and approval by DSA Field Inspector and the Architect. The approval is subject to continuous satisfactory performance. Plywood shall have a minimum thickness of 3/8". If nail heads penetrate the outer ply more than would be normal for a hand hammer or if minimum allowable edge distances are not maintained, the performance will be deemed unsatisfactory.

d) TRIM: sealed at all edges. Sealant painted to match trim or siding.

4.01 MATERIAL SPECIFICATIONS:

 Structural framing shall be Hem Fir- Larch graded in accordance with the standard grading rules of the Western Wood Products Association or standard grading rules No. 16 of the West Coast Lumber Inspection Bureau, latest editions. Grades shall be as follows unless noted otherwise on the drawings. (Hem Fir South is not allowed.) Each piece shall be grade marked and no piece may fall below grades indicated. All framing except as noted Hem Fir No. 2

2. Plywood shall be as shown on these drawings with exterior glue in accordance with U.S. Product Standard PS 1-07. All panels shall be marked with an APA grade mark with an identification index as shown on drawings. Use 4'x8' panelsminimum, except at boundaries and at framing changes where minimum panel dimension shall be 24" at roofs and floors

3. Bolts for timber connections shall conform to ANSI/ASME Standard B18.2.1-2012 & 2012 edition of NDS (the National Design Specification for Wood Construction by the National Forest Products Association). Bolts shall be installed in accordance with the requirement of 2012 NDS. Bolt holes shall be 1/32 to 1/16 inch larger than bold diameter. Bolts shall be full body steel bolts with minimum yield strength of 45,000 PSI. Re-tighten bolts before closing in work.

4. Lag screws shall be steel and conform to ANSI/ASME Standard B18.2.1 and 2012 NDS. Holes for lag screw shanks shall be bored the same depth and diameter as the shank. The remaining depth of penetration of the screw shall be bored to 70% of the shank diameter. One quarter inch (1/4") diameter lag screws need not have pre-drilled holes if it can be shown that wood members are not damaged during installation. Provide full diameter body lag screws with bending yield strengths per Table 11J in NDS

5. Provide malleable iron washers or equivalent cut plate washers (not less than a standard cut washer) under nuts and bolt or lag screw heads which bear on wood.

6. Wood screws shall conform to ANSI/ASME Standard B18.6.1 and the requirements of the 2012 NDS. Galvanized or other corrosion resistant coating where exposed to weather or used in foundations. Screws shall be steel with cut threads and bending yield strengths per Table 11L in NDS.

7. Wood members shall be cut or notched only as shown on structural drawings.

8. When required nailing tends to split wood members, nail holes shall be pre-bored to 3/4 of the nail diameter. Structural nailing shall be with BOX NAILS per all requirements of 2012 NDS. Nailing not specifically indicated shall comply with CCR Title 24, Part 2, Table 2304.9.1. All nails shall be galvanized or other corrosion resistant coating where exposed to weather, in foundations and as noted on plans, per the requirements of CCR Title 24, Part 2, with minimum bending yields per table 11N in NDS. (See nail equivalence below.)

(provide minimum nail lengths as required for specified penetration, TYPICAL: U.N.O.)

6d equals .113" DIA. - provide 1.36" minimum point penetration 8d equals .131" DIA. - provide *1.57" minimum point penetration

11. Pressure preservative treatment shall be per Section 2303.1.8, CCR Title 24, Part 2. Provide quality mark on all treated foundation members that comply with CBC 2303.1.8.1. All foundation members shall be marked as "For ground contact" or "For above ground use" as appropriate. Pressure treated material shall comply with AWPA Standard U1 as required by CBC 2303.1.8. Treat all cut ends of pressure treated members with an approved preservative. (Willard W/B Copper Green 2% or an approved equivalent). Where noted, members below the sub floor that are not a part of the foundation

12. Only material in contact with ground needs to be pressure treated, all other foundation lumber can be DF or HF#2 or

13. If machine nailing is utilized for this project, contractor shall comply with all requirements of CCR Title 24, Part 2. Machine nailing is subject to approval by the Structural Engineer or Architect and the Division of the State Architect.

14. Fasteners for pressure-preservative treated and fire-retardant treated wood shall comply with Section 2304.9 of CBC.

15. Nails and spikes used in wet or exterior locations shall comply with Section 2304.9.1.1 of CBC. 16. Shim material shall be plywood CD EXP 1 or equal (not pressure treated).

17. Used lumber in good condition is acceptable for use in foundation system

18. Tie plates shall conform to A-1011 Grade 33.

5.01 <u>SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:</u>

In the case of equipment located in the State of California, the LESSEE (School District) is responsible for the site being cleared (free of grass, trees, shrubs, etc) and graded to within 4 1/2" of level grade for each building. If the site exceeds the 4 1/2" level grade requirement additional costs may be charged to lessee.

Under no circumstances should the site be greater that 9" from level grade or have less than a 1000 PSF MINIMUM Prior to delivery, the lessee shall mark the four comers of the building on the site, including door location. Should special handling be required to either place, install or relocate the classroom on the lessee's site due to site obstruction

such as fencing, landscaping, other classrooms, etc., additional costs will be charge to the lessee. 6.01 TEST AND INSTALLATION:

1. Provide Electrical Grounding Test per DSA IR E-1.

2. Field Welding for welded tie plate option. (If used, requires Test and Inspection.)

The example form DSA 103's shown on this sheet are for illustration purposes only. A form DSA 103 is to be completed for each application that this PC is being incorporated

into and all example form DSA-103's are to be crossed out on this drawing.

1.01 GENERAL REQUIREMENTS:

1. The requirements of the general conditions of the agreement and these General Requirements apply to the several trade sections with the same force as though fully repeated in each section.

2. Name brands are indicated to establish a standard of quality. Items of equal or better quality may be substituted for the listed brand named products.

The work consists of installing on-site, modular Relocatable buildings as defined herein, shown and detailed on

2. All requirements of CCR (California Code of Regulation) Title 19 and 24 relating to inspections and verified reports shall be complied with and shall include:

a) General responsible charge of Field Administration by the Architect of Record.

b) Inspection during the course of construction by an inspector approved by DSA (Division of the State Architect) and the District Architect. The Inspector shall be responsible for and approved to inspect the general construction, welding, mechanical and electrical work. Cost of these inspections shall be borne by the School

c) On site inspection of the building installation, electrical and utility of the building installation or connection by an inspector approved by the DSA and retained by the School Distric

d) Other special tests or inspections as may be required by DSA Cost of these inspections/tests shall be borne by the School Distric

1.03 WORK NOT INCLUDED:

1. All on-site or off-site utilities and the connection of them to the building unless indicated on the drawings.

2. All leveling, grading or other site preparation (except concrete or wood leveling strips, where Required)

3. Fire alarm system, program bell, clock, public address system, intercom system, TV system, computer data or any other low voltage system, unless otherwise indicated on the drawings or the lease agreement.

1.04 ACCESSIBILITY OF SITE:

The School District shall provide access to the site for the installation of the building. Removal of trees, shrubs, fencing,

sprinklers, etc. necessary for move-in and removal of the buildings shall be the responsibility of the School District.

Scope of Work: Contractor shall provide all labor, materials and services to prepare the building elements, transport them from the plant to the site and to complete the assembly at the site.

The condition of the site, such as drainage and soil bearing capacity, shall be the responsibility of the School District

a) In a location on the site as determined by the District Architect. The contractor shall place the foundation as b) The elements shall be brought to the site on wheel assembly and transferred to the prepared site. Great care shall be taken to avoid damage to the elements by racking or bumping.

c) Connection of the elements together shall be done according to instructions on the drawings. Flashing, trim and other loose items shall be installed per plans and details of the original building manufacturer's drawings.

STRUCTURAL ENGINEERS. INC

1221 Harley Knox Boulevard

Class Leasing, LLC

Perris, CA 92571

4091 RIVERSIDE DRIVE, SUITE 114 CHINO, CALIFORNIA 91710 (909) 613-0234 • FAX (909) 613-0238 MEMBER: STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA · AMERICAN CONCRETE INSTITUTE

Attn: Rodrigo Salazar Re: Universal Foundation for **Existing Stockpile Buildings** Aurora PC # 03-105678 Horace Mann ES Bakersfield USD EXL No. 160074

Dear Rodrigo,

After reviewing the stockpile PC plans of the existing modules that will be placed on the Class Leasing Universal Foundations please note the following:

1. The existing stockpile buildings are built by Aurora Modular Industries with DSA approved 44-03-105678 plans.

2. The framing system for the stockpile buildings match the framing systems for the Aurora Modular Industries stockpile/PC # 04-413776 plans listed on the Class Leasing Universal Foundation PC:

3. The Class Leasing Universal Foundation PC # 04-113776 will support the existing Aurora Modular Industries stockpile plan A# 03-105678.

Therefore, the use of the Class Leasing Universal Foundation PC as a foundation system for the existing Aurora Modular Industries stockpile building will meet the intent of the Class Leasing Universal Foundation PC.



Very truly yours, Jàmes T. Simpson, S. E. President EXL Structural Engineers, Inc. APPLICABLE BUILDING CODES

ALL NEW WORK SHALL COMPLY AND CONFORM TO THE REQUIREMENTS OF THE 2013 CBC 2013 CALIFORNIA CODE OF REGULATIONS (CCR) As of January 01, 2014* -2013 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, TITLE 2

(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CCR (2011 NATIONAL ELECTRICAL CODE WITH 2013 CALIFORNIA AMENDMENTS -2013 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CCR (2012 UNIFORM MECHANICAL CODE WITH 2013 CALIFORNIA AMENDMENTS -2013 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CCR

(2012 UNIFORM PLUMBING CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, CCR* -2013 CALIFORNIA FIRE CODE PART 9, TITLE 24, CCR (2012 INTERNATIONAL FIRE CODE WITH 2013 CALIFORNIA AMENDMENTS) -2013 CALIFORNIA REFERENCED STANDARDS CODE PART 12, TITLE 24, CCR

TITLE 19 CCR PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS

FLOOR LIVE LOAD = 50 PSF. 50 + 20 PSF PARTITIONS, 100 PSF ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA WIND SPEED =120 MPH (V) (3 SECOND GUST), K zT = 1.0 SNOW LOAD: PROJECT IS NOT LOCATED IN A SNOW REGION. BUILDING CODES = 2012 IBC AND CBC 2013

SEISMIC DESIGN DATA:
Basic Seismic-Force-Resisting System
ANALYSIS PROCEDURE USED

MOMENT FRAME
STEEL MOMENT FRAME
EQUIVALENT LATERAL FORCE Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear: 24x40 BUILDING = 9460 # (Roof, Floor, Walls & Partition) 36x40 BUILDING = 14190 # (Roof, Floor, Walls & Partitions 48x40 BUILDING = 18920 # (Roof, Floor, Walls & Partitions) Cs2 = 0.411 R: = 3.5 SITE CLASS = D Ss = 2.7 mapped value / 0.8 Ss = 2.16 (For Design)
Sps = 1.44 (Site Specific Documentation Justifying SDS Shall Be Submitted To DSA Prior St = 1.3 per CBC Figure 1613A.5(2)
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RISK CATEGORY = II RISK CATEGORY = II FLOOD DESIGN DATA: Project is not located in a flood zone. LIMITATIONS FOUNDATION PC ONLY:

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

THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING

1. DSA APPROVED STOCKPILE BUILDINGS 2. ROOF OVERHANGS OF 5'-0" MAXIMUM

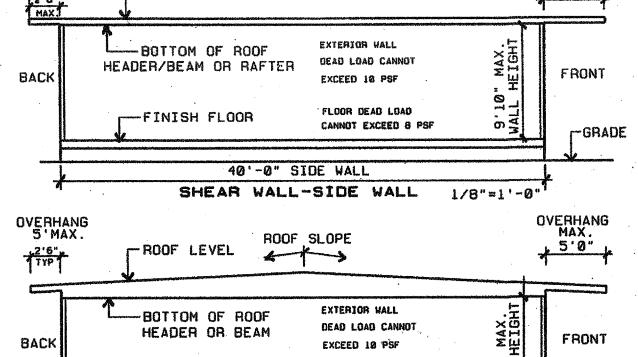
3. SINGLE SLOPE OR DUAL SLOPE BUILDINGS WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDING. WALL HEIGHT: 10'-4" MAXIMUM ON SINGLE SLOPE BUILDING.

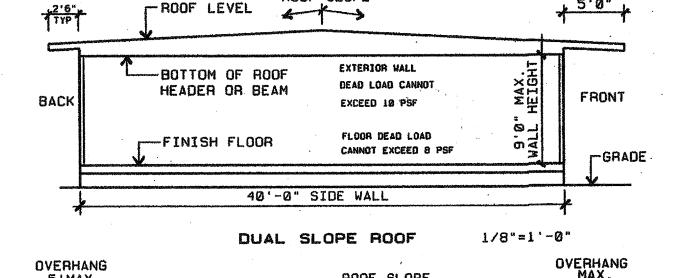
BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)

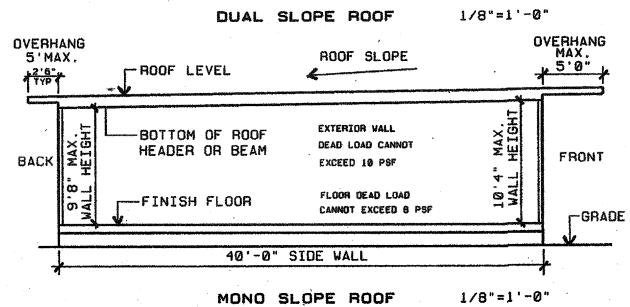
(HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO

WALL HEIGHT: 9'-10" MAXIMUM ON SHEAR WALL-DUAL SLOPE BUILDING 4. WALL DEAD LOAD OF 10 PSF (NO STUCCO)

5. FLOOR DEAD LOAD OF 8 PSF ROOF SLOPE ROOF SLOPE 0'3 1/2"MAX EXTERIOR WALL DEAD LOAD CANNOT HEADER OR BEAM RAFTER-2x6 EXCEED 10 PSF EXCEED 10 PSF FLOOR DEAD LOAD -FINISH FLOOR CANNOT EXCEED 8 PS CANNOT EXCEED B PSI SHEAR WALL-DUAL SLOPE PC-247 SHEAR WALL-DUAL SLOPE TYPICAL

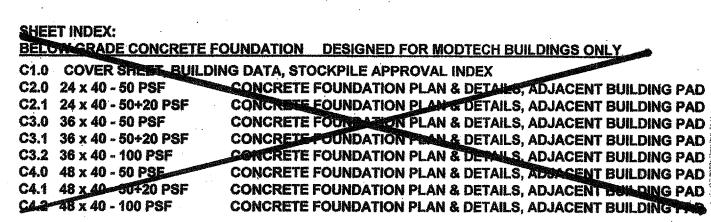






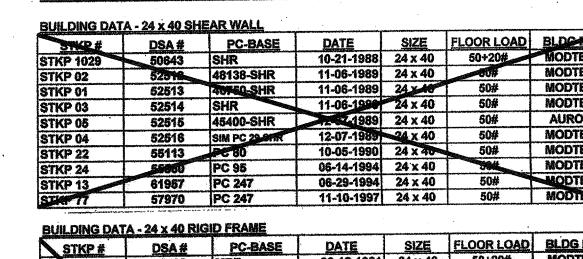
TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC ONLY LIMITATIONS DOCUMENTATION SHALL BE PROVIDED BY ENGINEER OF GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER.

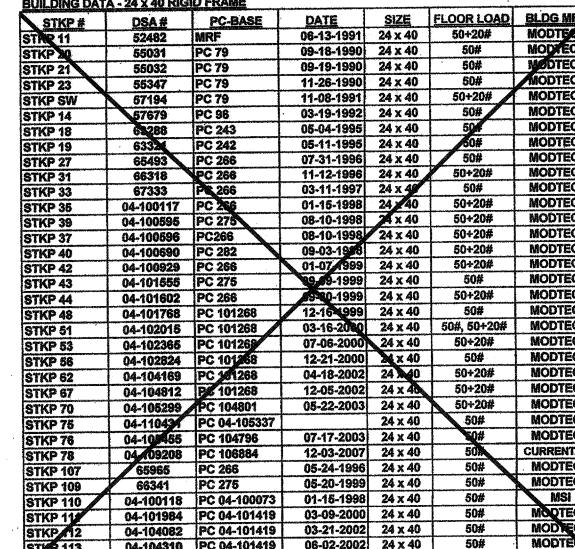
SCOPE OF WORK: DSA FOUNDATION PLANS FOR EXISTING STOCKPILE BUILDINGS FOR, 24 x 40 - 50+20 PSF SHEET INDEX: STOCKPILE BUILDING FOUNDATION- 2013 CODE UPDATE F1.0 COVER SHEET, BUILDING DATA, STOCKPILE APPROVAL INDEX FOUNDATION PLAN AND DETAILS. ADJACENT BUILDING PAD

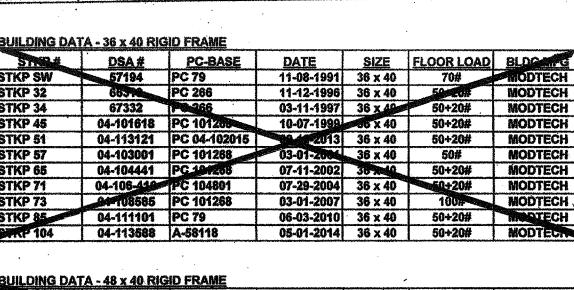


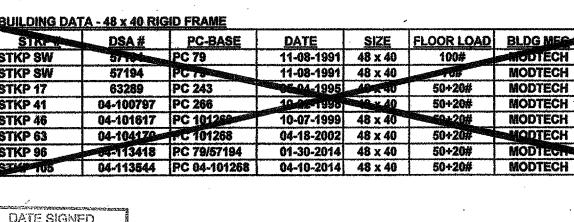
ADJACENT BUILDINGS: ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER

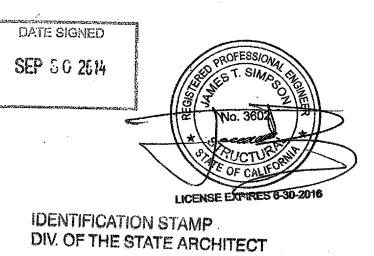
CLASS LEASING-APPROVED STOCKPILE A NUMBERS FOR THIS FOUNDATION PC











APP03 116978 AC__FLS__SS_FW Date__MAY 0 3 2016

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICE PC 04-113776 DATE: OCT 0 8 2014

CODE: 2013 CBC A SEPARATE PROJECT APPLICATION

FOR CONSTRUCTION IS REQUIRED

RLS: D. PENLASON SS: P. ROONES STOCKPILE CLASSROOM **RELOCATION FOUNDATION PLAN & DETAILS**

(C) Class Leasing LLC. 2014

NG, LLC. PLANS/ LASSRO

CLASS FOUND STOCK 09-29-2014 DRAWN LAM-CLLS

JOB 24 x40 - WOOD

RELOCATION