CLASS LEASING, LLC.

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

	SPECIFICATIONS RELOCATABLE CLASSROOMS
NTRY: <u>of Work:</u> Contractor shall provide all labor, materials and services to install carpentry.	1.01 GENERAL REQUIREMENTS:
manship: FRAMING: securely nailed, bridged and blocked to form rigid structure. Work cut, fitted and assembled level,	 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.
plumb and true to line. Trim in as long lengths as possible with all standing trim in one piece. Trim sealed at all edges.	 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.
VAILING: in accordance with the title 24 CCR-Table 2304.9.1. Nails shall be corrosion resistant box nails. Alachine 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".	 1.02 <u>SCOPE OF WORK:</u> The work consists of installing on-site, modular Relocatable buildings as defined herein, shown and detailed on the drawings.
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.	 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:
RIM: sealed at all edges. Sealant painted to match trim or siding.	a) General responsible charge of Fletd Administration by the Architect of Record.
RIAL SPECIFICATIONS: al framing shall be Hem Fir- Larch graded in accordance with the standard grading rules of the Western Wood is Association or standard grading rules No. 16 of the West Coast Lumber Inspection Bureau, latest editions. shall be as follows unless noted otherwise on the drawings. (Hem Fir South is not allowed.) Each piece shall be	 inspection during the course of construction by an inspector approved by DSA (Division of the State Architect) and the District Architect. The inspector shall be responsible for and approved to inspect the general construction, welding, mechanical and electrical work. Cost of these inspections shall be borne by the School District.
marked and no piece may fall below grades indicated. All framing except as noted Hem Fir No. 2	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 District.
d shall be as shown on these drawings with exterior glue in accordance with U.S. Product Standard PS 1-07. All shall be marked with an APA grade mark with an Identification index as shown on drawings. Use 4'x8' panelsum, except at boundaries and at framing changes where minimum panel dimension shall be 24" at roofs and floors at walls.	 d) Other special tests or inspections as may be required by DSA. Cost of these inspections/tests shall be borne by the School District.
or timber connections shall conform to ANSI/ASME Standard B18.2.1-2012 & 2012 edition of NDS (the National	1.03 WORK NOT INCLUDED:
Specification for Wood Construction by the National Forest Products Association). Bolts shall be installed in ance with the requirement of 2012 NDS. les shall be 1/32 to 1/16 inch larger than bold diameter. Bolts shall be full body steel bolts with minimum yield	 All on-site or off-site utilities and the connection of them to the building unless indicated on the drawings. All leveling, grading or other site preparation (except concrete or wood leveling strips, where Required)
h of 45,000 PSI. Re-tighten bolts before closing in work. rews shall be steel and conform to ANSI/ASME Standard B18.2.1 and 2012 NDS. Holes for lag screw shanks	unless otherwise indicated on the drawings.
e bored the same depth and diameter as the shank. The remaining depth of penetration of the screw shall be to 70% of the shank diameter. One quarter inch (1/4") diameter lag screws need not have pre-drilled holes if it can work that wood members are not damaged during installation. Provide full diameter body lag screws with bending	 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:
rengths per Table 11J in NDS malleable iron washers or equivalent cut plate washers (not less than a standard cut washer) under nuts and ag screw heads which bear on wood.	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.
crews shall conform to ANSI/ASME Standard B18.6.1 and the requirements of the 2012 NDS. Galvanized or personal resistant coating where exposed to weather or used in foundations. shall be steel with cut threads and bending yield strengths per Table 11L in NDS.	 2.01 <u>SITE ASSEMBLY:</u> 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.
nembers shall be cut or notched only as shown on structural drawings.	The condition of the site, such as drainage and soil bearing capacity, shall be the responsibility of the School District and the District Architect.
equired nailing tends to split wood members, nail holes shall be pre-bored to 3/4 of the nail diameter.	 Assembly of Elements: a) In a location on the site as determined by the District Architect. The contractor shall place the foundation as
real nailing shall be with BOX NAILS per all requirements of 2012 NDS. Nailing not specifically indicated shall with CCR Title 24, Part 2, Table 2304.9.1. All nails shall be galvanized or other corrosion resistant coating where do to weather, in foundations and as noted on plans, per the requirements of CCR Title 24, Part 2, with minimum g yields per table 11N in NDS. (See nail equivalence below.)	detailed on the drawings. 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.
quivalence: te minimum nail lengths as required for specified penetration, TYPICAL: U.N.O.)	 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.
6d equals .113" DIA provide 1.36" minimum point penetration 8d equals .131" DIA provide *1.57" minimum point penetration	
ssure preservative treatment shall be per Section 2303.1.8, CCR Title 24, Part 2. Provide quality mark on all treated idation members that comply with CBC 2303.1.8.1. All foundation members shall be marked as "For ground contact" for above ground use" as appropriate. Pressure treated material shall comply with AWPA Standard U1 as required CBC 2303.1.8. Treat all cut ends of pressure treated members with an approved preservative. (Willard W/B Copper en 2% or an approved equivalent). Where noted, members below the sub floor that are not a part of the foundation	DSA DSA-103 (av 12/20/13 DSA-1
l be pressure treated.	School SAMPLE: FOR WELD PLATE OPTION ONLY District
al. achine nailing is utilized for this project, contractor shall comply with all requirements of CCR Title 24, Part 2.	required for the project. The actual tests and inspections must be performed as detailed on the DSA approved documents. The project inspection is responsible for providing inspection of all facets of construction, including but not limited to, special inspection to the second of all facets of construction, including but not limited to, special inspection to the second of the construction and other issues. A shaded box can be clicked the second of the construction and other issues. A shaded box can be clicked to the second of the construction and other issues. A shaded box can be clicked to the second of the construction and other issues. A shaded box can be clicked to the second of the construction and other issues. A shaded box can be clicked to the construction and other issues. A shaded box can be clicked to the construction and other issues. A shaded box can be clicked to the construction and other issues. A shaded box can be clicked to the construction and other issues. A shaded box can be clicked to the construction and other issues. A shaded box can be clicked to the construction and other issues. A shaded box can be clicked to the construction and other issues. A shaded box can be clicked to the construction and other issues. A shaded box can be clicked to the construction and other issues. A shaded box can be clicked to the construction and other issues. A shaded box can be clicked to the construction and other issues. A shaded box can be clicked to the construction and other issues. A shaded box can be clicked to the construction and other issues.
hine nailing is subject to approval by the Structural Engineer or Architect and the Division of the State Architect. eners for pressure-preservative treated and fire-retardant treated wood shall comply with Section 2304.9 of CBC.	framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A. NOTE: This form is also available for projects submitted for review under the 2007 and 2010 CBC. indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPILE" button to show only the tests finally selected. For more information on use of this form, see DSA-103.INSTR.
s and spikes used in wet or exterior locations shall comply with Section 2304.9.1.1 of CBC.	Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise soled.
material shall be plywood CD EXP 1 or equal (not pressure treated).	TEST OR SPECIAL INSPECTION REPERENCE AND NOTES
tumber in good condition is acceptable for use in foundation system.	+ SOILS + CONCRETE Table 1705A.3
ates shall conform to A-1011 Grade 33.	+ MASONRY TMS 402-11/ACI 650-11/ASCE 5-11 Table 1.19.3 - STEEL Table 1705A.2.1 Table 1705A.2.1 ISEE SOR STRUCTURAL BURDOSES
EINSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:	- 17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES **Haterial Verification: a: Verify that all materials are appropriately marked and that: **Mill certificates indicate material properties that comply with Bardottle **By special inspector when performed off-site; by project inspector for steel shipped directly to
e case of equipment located in the State of California, the LESSEE (School District) is responsible for the site being ed (free of grass, trees, shrubs, etc) and graded to within 4 1/2" of level grade for each building. If the site exceeds 1/2" level grade requirement additional costs may be charged to lessee.	requirements, - Meterial sizes, types and grades comply with requirements. X b. Test unidentified materials Test Lab 2203A.1 (2203.1°). ASTM ASTO.
r no circumstances should the site be greater that 9" from level grade or have less than a 1000 PSF MINIMUM BEARING PRESSURE.	X d. Verify member locations, bracing and all details constructed in the field. X e. Verify stiffener locations, connection tab locations and all construction details fabricated in the shop. Periodic St construction details fabricated in the shop. DSA IR 17-3, AWS D1.1 and AWS D1.8 (AWS D1.3 for cold formed steel).
to delivery, the lessee shall mark the four comers of the building on the site, including door location. Should at handling be required to either place, install or relocate the classroom on the lessee's site due to site obstruction as fencing, landscaping, other classrooms, etc., additional costs will be charge to the lessee.	Verification of Materials, Equipment, Welders, etc. X
AND INSTALLATION:	X c. Verity WPS, welder qualifications and equipment. Periodic Si DSA IR 17-3. - 19.2 FIELD WELDING: X b. Inspect single-pass fillet welds ≤ 5/16* Periodic 'Si Par AISC 360 (and AISC 341 as applicable), DSA IR 17-3.
ovide Electrical Grounding Test per DSA IR E-1.	+ OTHER
eld Welding for welded tie plate option. (If used, requires Test and Inspection.)	
example form DSA 103's shown on this sheet are for illustration purposes only. Form DSA 103 is to be completed for each application that this PC is being incorporated and all example form DSA-103's are to be crossed out on this drawing.	Field Welding Inspection: Special Inspection Verified Report - Form DSA-292 [KEY to Columns
lo other tests and inspections are required.	1 Type - 2 Performed By - Continuous – Indicates that a continuous special inspection is required GE – Indicates that the special inspection is to be performed by a registered geotechnical angineer or his or her authorized representative
	Periodic – Indicates that a periodic special inspection is required Lab – Indicates that the test or inspection is to be performed by a testing laboratory accepted in the DSA laboratory Evaluation and Acceptance (LEA) Program. See section 4-335, 2013 CCR Title 24, Part 1.
	Test — Indicates that at east is required PI — Indicates that the special inspection is to be performed by the project inspector

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
F2.0 24x40 50 PSF FOUNDATION PLAN AND DETAILS, ADJACENT BUILDING PAD -2013 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, TITLE 2 -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 C1.0 COVER SHEET BUILDING DATA, STOCKPILE APPROVAL INDEX -2013 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, CCR* CONCRETE FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD -2013 CALIFORNIA FIRE CODE PART 9, TITLE 24, CCR CONCRETE FOUNDATION PLANT DETAILS, ADJACENT BUILDING PAD -2013 CALIFORNIA REFERENCED STANDARDS CODE PART 12, TITLE 24, CCR C3.1 36 x 40 - 50+20 PSF TITLE 19 CCR PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS ADJACENT BUILDINGS: ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER 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 CLASS LEASING-APPROVED STOCKPILE A NUMBERS FOR THIS FOUNDATION PC SNOW LOAD: PROJECT IS NOT LOCATED IN A SNOW REGION. BUILDING CODES = 2012 IBC AND CBC 2013 Seismic Design Category = E (per CBC Section 1613A.5.6)

Design Base Shear: 24x40 BUILDING = 9460 # (Roof, Floor, Walls & Partitions)

36x40 BUILDING = 14190 # (Roof, Floor, Walls & Partitions)

48x40 BUILDING = 18920 # (Roof, Floor, Walls & Partitions) ign Base Shear: 24x40 BUILDING = 9460 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING = 14190 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING = 18920 # (Roof, Floor, Walls & Partitions) = 2.7 mapped value / 0.8 Ss = 2.16 (For Design)
= 2.7 mapped value / 0.8 Ss = 2.16 (For Design)
= 1.4 (Site Specific Documentation Justifying SDS Shall Be Submitted To DSA Prior S1 = 1.3 per CBC Figure 1613A.5(2)

S01 = 1.3 To Approval)

S1 = 1.0 Cs2 = 0.222 R: = 6.5 SITE CLASS = D p = 1.3
Ss = 2.7 mapped value / 0.8 Ss = 2.16 (For Design)
S05 = 1.44 (Site Specific Documentation Justifying SDS Shall Be Submitted To DSA Prior S1 = 1.3 per CBC Figure 1613A.5(2)

S1 = 1.3 per CBC Figure 1613A.5(2)

To Approval) FLOOD DESIGN DATA: Project is not located in a flood zone. <u>IMITATIONS FOUNDATION PC ONLY:</u> OUNDATION ONLY PC IS DESIGNED TO SUPPORT THE IPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS STED ON THIS DRAWING. HE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING: 1. DSA APPROVED STOCKPILE BUILDINGS 2. ROOF OVERHANGS OF 5'-0" MAXIMUM WALL HEIGHT: 10'-4" MAXIMUM ON SINGLE SLOPE BUILDING. BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS) 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 0'3 1/2"MAX BOTTOM OF ROOF DEAD LOAD CANNOT HEADER OR BEAM EXCEED 18 PSF - BOTTOM OF ROOF RAFTER-2x6 FINISH FLOOR CANNOT EXCEED 8 PSF SHEAR WALL-DUAL SLOPE PC-247 SHEAR WALL-DUAL SLOPE HEADER/BEAM OR RAFTER FRONT FLOOR DEAD LOAD -FINISH FLOOR CANNOT EXCEED 8 PSF 40'-0" SIDE WALL SHEAR WALL-SIDE WALL 1/8"=1'-0" OVERHANG 5'MAX. BOTTOM OF ROOF HEADER OR BEAM CANNOT EXCEED 8 PSF 40'-0" SIDE WALL DUAL SLOPE ROOF DATE SIGNED OVERHANO 5'MAX. SEP 3 0 2614 PC 04-113776 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 40'-0" SIDE WALL

MONO SLOPE ROOF

TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER.

TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC ONLY LIMITATIONS

DOCUMENTATION SHALL BE PROVIDED BY ENGINEER OF GENERAL RESPONSIBLE CHARGE

1/8"=1'-0"

CLNSS LEASING LC

Class Leasing, LLC

LEASING, LLC. PC DATION PLANS AND DETAILS (PILE CLASSROOMS RELOCATION

DRAWN LAM-CLL

JOB 24 x40 - WOOD SHEET

RELOCATION

© Class Leasing LLC. 2014

A 03 117375

AC / FLS / SS BY Date JUL 27 2016

RELOCATION FOUNDATION PLAN & DETAILS

5.01