GENERAL STRUCTURAL NOTES

CODE

2010 California Building Code 2007 American Iron and Steel Intitute Handbook of Cold-Formed Steel Design w/ 2008 Supplement.

2 Loads

Wind Load Bosis = 90 MPH Exposure C Occupancy Category = H, Seismic Design Category = D

Allowoble soil bearing value is 1500 PSF at 24" below finish grade or existing natural grade, whichever is the lower elevation. Round or square coisson footing embedment depths for footings do not apply to locations where walls of the hole will not stand without supplemental support, or where UNCOMPACTED fill of organic fill material exists. Design lateral soil pressure per CBC Table 18-1-A

All concrete herein required shall be done in accordance with ACI Standard 301-05, "Specifications for Structural Concrete for Buildings", which is hereby made a part of these documents, with the following

Poro 2.1.2 Cement shall comply with ASTM C150, Type II, and shall contain Para 3.2 Fc shall be 2,500 PSI minimum for all concrete at 28 days.

Pare 4.1.3 The use of earth cuts for forms is permitted. LY WPIEN Reinforcing shall be new billeted steel complying with ASTM A515, Grade 40.

All structural steel shall be ASTM A36 (Fy=36,000 PSI) or ASTM A 572 GRADE 50 (Fy=50,000PSI); All pipe shall be ASTM A 501 (Fy= 36,000 PSI) or ASTM A53, Type 'E' or 'S' grade 'B' (Fy= 36,000 PSI). All tubulor steel shall be ASTM a500 (Fy=46,000 PSI). All bolts shall be ASTM A307. (ry= 30,000 Fs), An Ubbland steel and be ASIN ASI (and ASIS colors) and AMS codes opply. All construction per lotest ASC handbook. All exponsion bolts to have current I.C.C. approved. All welding by welders holding valid certificates and hoving current experience in type of weld shown on the drawings or notes. Certificates shall be those issued by and accepted testing agency. All welding by E70 series law hydrogen rods. (Use ASTM A706 – grade 40 reinforcing bors). All welding per American Welding Society Standards.

These drawings are to be wet sealed by the engineer. All copies shall bear wet seals. If a copy of this drawing is disturbed without the proper wet seal the drawing is considered invalid. The duplication or copying of this drawing could mean the original drawing has been modified from its original content. All fiolistly is removed from the below wet sacied. All wet sealed drawings are signed in blies ink and are occompanied with a <u>red</u> ink "VALID ONLY WHEN WET SEALED" stamp.

Steel roof deck shall conform to the specifications of the steel deck institute. FY = 80 KSL Connections to froming members shall be not less than noted below:

1. To all transverse supports six (6) \$12-14 TEKS screws per sheet.

2. Panel seams use \$14 - 7/6" Teks 0 18" o.c.

Minimum spacing of screws shall not be less than 3 diameters.
 The head of the screw or washer shall have a diameter, dw of not less

than 5/16" washers shall be at least 0.05 "thick"

All screws shall conform to SAE J78 provisions of structural screws

the American Iron and Steel Institute "Specifications for the Design of Cold Formed Steel Structural

All welding to be prepared by welders holding a valid certificate and having current experience in light gauge steel. Certificates shall be issued by an accepted testing agency. Do not drill or notch members without prior approval of the structural engineer. All welding to be performed in an approver.

Structural steel members are furnished to a specified minimum yield point of 55 KSI. The grade and the ASTM specification number or other specification designation shall be indicated a pointing, decal, tagging or other suitable means on each lift or bundle of fabricated elements.

Goge No.	12	14	16	18	20	22	24	26	29	30
Design Thickness, Inches	0.1046	0.0747	0.0598	0.0478	0.0359	0.0299	0.0239	0.0179	0.0135	0.0120

The contractor must submit in writing any requests for modifications to the plans and specifications and no structural changes from the approved plans shall be made in the field, unless prior to making changes, written approved is obtained from the engineer. Shop drawings submitted the engineer for review do not constitute "in writing" unless it is noted that specific changes are being requested. If changes are made without written approval, such changes shall be the legal and financial responsibility of the contractor or sub-contractors involved and it shall be their responsibility to replace or repair

Contractor shall provide all temporary bracing, sharing, guying or other means to avoid excessive stresses and to hold structural elements in place during erection. The provisions shall remain in position until sufficient permanent members are erected to insure the safety of the partially erected structures. The contract structural drawings and specifications represent the finished structure. ation visits to the site by the structural engineer shall not include inspection of the above items

The undersigned engineer will not supervise the fabrication or erection of this structure

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4 STATES DECKING, INC. -9" x 15'-0" MAX. HEIGHT RV CANOPY PSF(SNOW), 90 MPH, SEISMIC DESIGN CAT. CALIFORNIA STANDARD /ESTERN Ñ 20

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