

DESIGN CRITERIA LIVE LOAD : 85 PSF. GLULAM SPECIFICATIONS ADHESIVE APPEARANCE FINISH PROTECTION : NONE MATERIAL FABRICATION . SURFACE FINISH

WIND LOAD : 100 MPH PER AASHTO

SEISMIC LOAD: PEAK GROUND ACCELERATION = 0.49 g. ALLOWABLE DEAD LOAD = 56,000 lbs.

DESIGN DEAD LOAD = 46,200 lbs.

: WEST COAST DOUG. FIR 24F-V4, COMB. 2 & 5. & ALASKAN YELLOW CEDAR COMB. 70 AS NOTED. : WATERPROOF PHENOLIC

FABRICATION : AS SHOWN AND NOTED.

: ARCH'L. SURFACE AS NOTED.

: SEE TREATMENT SPECIFICATIONS.

CERTIFICATE : AITC 117-93 / APA-EWS

GLULAM MATERIAL INCLUDES CHORDS, WEBS, FLOOR BEAMS; PURLINS

STRUTS, DECKING & RAILS.

SAWN LUMBER SPECIFICATIONS

WEST COAST DOUGLAS FIR #1 PER WCLIB GRADING RULES #16.

: AS SHOWN & NOTED

: AS NOTED

: SEE TREATMENT SPECIFICATIONS

SAWN LUMBER: INCLUDES LEDGERS.

STEEL SPECIFICATIONS

: ASTM A36

HARDWARE : ASTM A307, UNLESS NOTED OTHERWISE. HOT DIP GALVANIZE ALL STEEL AFTER FABRICATION.

HOT DIP GALVANIZE ALL HARDWARE. ALL WELDS PER AWS SPECIFICATIONS BY CERTIFIED WELDERS.

TREATMENT SPECIFICATIONS

ALL DIMENSIONED CUTS AND HOLES IN TIMBER MATERIAL SHALL BE MADE PRIOR TO PRESSURE TREATMENT. TREAT ALL FIELD CUTS AND BORES WITH COPPER NAPTHANATE IN ACCORDANCE WITH AWPA SPEC. M4.

TREAT GLULAM MATERIAL WITH PENTACHLOROPHENOL IN LIGHT SOLVENT TO A MINIMUM NET RETENTION OF 0.6 PCF PER AWPA SPECIFICATION C28. DO NOT TREAT ALASKAN YELLOW CEDAR.

TREAT SAWN LUMBER WITH PENTACHLOROPHENOL IN LIGHT SOLVENT TO A MINIMUM NET RETENTION OF 0.6 PCF PER AWPA SPECIFICATION C2.

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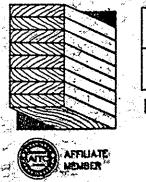
THE LUMBER AND GLULAM ON THIS PROJECT ARE PRESSURE TREATED WITH PENTACHLOROPHENOL WHICH INSURES A LONG AND USEFUL SERVICE LIFE. WORKERS SHOULD USE COMMON SENSE IN HANDLING THESE TREATED TIMBERS: AVOID DIRECT SKIN CONTACT WITH THE PRESERVATIVE BY WEARING GLOVES, LONG SLEEVE SHIRTS AND IN SOME CASES, A FACE MASK.

TIMBER TREATED WITH PENTACHLOROPHENOL MAY EXHIBIT A BLOOMING OF THE DRIED CRYSTALS ON THE WOOD SURFACES FOR SEVERAL WEEKS AFTER INSTALLATION: THESE CRYSTALS CAN BE BRUSHED OR WASHED OFF THE SURFACES OF THE BRIDGE, SUCH AS RAILING OR OTHER SURFACES SUBJECT TO PUBLIC CONTACT. THE BLOOMING WILL DISCONTINUE AS THE WOOD REACHES EQUILIBRIUM WITH THE ATMOSPHERIC CONDITIONS.

IF BRIDGE MATERIALS IS TO BE STOCK PILED AT THE SITE, IT MUST BE STORED IN A LEVEL AREA AND STICKERED APPROX. EVERY 6'. IF THE MATERIAL IS STORED IN A HOT, DRY CLIMATE, IT MUST ALSO BE COVERED WITH PLYWOOD OR OTHER MATERIAL TO PROTECT IT. FAILURE TO STICKER AND COVER MAY CAUSE WARPING AND EXCESSIVE

SEASONING CHECKS.

TAUBERT CH. PEDEST. BR (TIMBER) DESIGN BY WESTERN WOOD TO COMMON TAUBERT CHA. PEDEST. BR (TIMBER) AINT APROVED BY EMA 854058-1



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TALBERT CHANNEL BRIDGE LOCATION: SANTA ANA, CALIFORNIA CONTRACTOR: ADVANCO CONTRACTORS CHECKED BY: KPH DATE 11-28-95 NO. PLOT DATE ST. 5-6-96 DRAWN BY: BD DATE 11-20-95 NO. 954056