GENERAL NOTES: (APPLY TO RAMP ONLY)

GENERAL NOTES: NG_CBC95

1. ALL CONSTRUCTION SHALL COMPLY WITH THE 1995 EDITION OF THE CALIFORNIA BUILDING CODE (CBC), CCR TITLE 24, PART 2. [MODIFICATIONS TO THE 1994 UNIFORM BUILDING CODE (UBC), UBC STANDARDS AND UBC RECOGNIZED STANDARDS–ALL UBC RECOGNIZED STANDARDS AS APPLICABLE ARE REQUIRED FOR THIS PROJECT.] ALSO COMPLY WITH ADMINISTRATIVE REQUIREMENTS OF CCR TITLE 24, PART 1, CHAPTER 4, GROUP 1, (LATEST REVISION).
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE STRUCTURE DURING CONSTRUCTION AND SHALL DESIGN AND PROVIDE ADEQUATE SHORING AND BRACING DURING CONSTRUCTION. CONTRACTOR SHALL COMPLY WITH APPLICABLE SAFETY REGULATIONS.
3. DETAILS NOT SPECIFICALLY SHOWN SHALL BE SIMILAR TO DETAILS FOR SIMILAR CONSTRUCTION SHOWN ON THESE DRAWINGS. THE CONTRACTOR ADMITS AND AGREES THAT THE CONTRACT DOCUMENTS EXHIBIT THE INTENT AND PURPOSE OF THE OWNER IN REGARD TO THE WORK, AND THAT THEY ARE NOT COMPLETE IN EVERY DETAIL AND ARE TO BE CONSIDERED AS SHOWING THE PURPOSE AND INTENT ONLY; AND THE CONTRACTOR FURTHER AGREES TO FURNISH ALL LABOR OR MATERIAL FOR ANY DETAIL THAT IS NECESSARY TO CARRY OUT SAID INTENT AND PURPOSE OF THE CONTRACT DOCUMENTS WITHOUT EXTRA CHARGE TO THE OWNER.
4. THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND RAMP MANUFACTURER AND BE RESOLVED BEFORE PROCEEDING WITH THE WORK.
5. NO STRUCTURAL MEMBERS SHALL BE CUT, NOTCHED OR OTHERWISE PENETRATED UNLESS SPECIFICALLY APPROVED IN ADVANCE OR SHOWN ON THESE DRAWINGS.
6. TYPICAL DETAILS SHALL APPLY UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
7. WHERE THESE GENERAL NOTES AND THE TYPICAL DETAILS ARE IN CONFLICT WITH THE SPECIFICATIONS, THESE GENERAL NOTES AND THE TYPICAL DETAILS SHALL GOVERN.
8. PROVIDE INSPECTIONS, TESTS, AND REPORTS IN ACCORDANCE WITH THE 1995 CBC AND CCR TITLE 24, PART 1, CHAPTER 4, GROUP 1.
9. IN ADDITION TO CONTINUOUS PROJECT INSPECTION, PROVIDE SPECIAL INSPECTION OF ALL WELDING FOR STRUCTURAL STEEL, PER CBC SECTION 1701A.5.5 AND 1703A. SEE ALSO REQUIREMENTS OF CBC SECTION 2212A.5.
10. ALL REQUIRED INSPECTIONS AND TESTS ARE THE RESPONSIBILITY OF THE OWNER. ALL INSPECTORS SHALL PROVIDE REPORTS AS REQUIRED BY CCR TITLE 24, PART 1, CHAPTER 4, GROUP 1.

WOOD: NW_CBC95

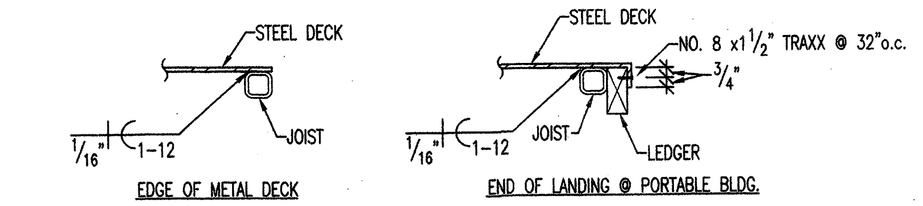
1. STRUCTURAL FRAMING SHALL BE DOUGLAS FIR – LARCH GRADED IN ACCORDANCE WITH THE WESTERN LUMBER GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR STANDARD GRADING RULES NO. 17 OF THE WEST COAST LUMBER INSPECTION BUREAU, LATEST REVISIONS. WOOD MEMBERS SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% AT TIME OF INSTALLATION. DOUGLAS FIR SOUTH IS NOT ALLOWED. EACH PIECE SHALL BE GRADE MARKED AND NO PIECE MAY FALL BELOW THE GRADES INDICATED. GRADES SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS.
   ALL FRAMING EXCEPT AS NOTED ———————— NO. 1
   WOOD SHIMS———————————ANY GRADE OR EXTR. GRADE PLYWOOD.
2. ALL PLYWOOD SHOWN ON THESE DRAWINGS SHALL BE STRUCTURAL I CC WITH EXTERIOR GLUE IN ACCORDANCE WITH U.S. PRODUCT STANDARD PS 1–83 (UBC STANDARD 23–2) U.O.N. ALL PANELS SHALL BE MARKED WITH AN APA GRADE MARK WITH A PANEL SPAN RATING IN ACCORDANCE WITH CBC TABLE NO. 23A–I–S–1. USE 4'x8' PANELS, MINIMUM, EXCEPT AT BOUNDARIES AND FRAMING CHANGES WHERE THE MINIMUM PANEL DIMENSION SHALL BE 24" AT FLOORS UNLESS PANEL IS SUPPORTED AT ALL FOUR SIDES BY FRAMING OR BLOCKING..
3. SILL PLATES SHALL BE PRESSURE PRESERVATIVE TREATED DOUGLAS FIR. PRESSURE PRESERVATIVE TREATED MEMBERS SHALL BE PER THE REQUIREMENTS OF AWPA AND AWPB (PROCEDURE LP–22 UNLESS OTHERWISE NOTED). SILL PLATES SHALL BE PRESERVATIVE TREATED AT ALL CUTS, NOTCHES, AND HOLES AS APPROVED.
4. BOLTS FOR TIMBER CONNECTIONS SHALL BE FULL DIAMETER BODY AND PER THE REQUIREMENTS OF ASTM A307, GRADE A AND ANSI/ASME STANDARD B18.2.1, UNLESS OTHERWISE NOTED. BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 1995 CALIFORNIA BUILDING CODE (CBC), CHAPTER 23A, AND CBC SECTION 2336 AND SHALL HAVE A MINIMUM BENDING YIELD STRENGTH OF 45,000 PSI. BOLT HOLES SHALL BE 1/16 INCH LARGER THAN BOLT DIAMETER. RE–TIGHTEN BOLTS BEFORE CLOSING IN WORK.
5. LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1 OR CBC TABLE 23–III–UU, THE REQUIREMENTS OF THE 1995 CALIFORNIA BUILDING CODE, CHAPTER 23A, AND CBC SECTION 2337. 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. PROVIDE FULL DIAMETER BODY, STEEL LAG SCREWS WITH MINIMUM BENDING YIELD STRENGTHS PER TABLES 23–III–T AND 23–III–U IN THE 1995 CBC. PROVIDE GALVANIZED WHERE INSTALLED IN PPT MEMBERS.
6. PROVIDE MALLEABLE IRON WASHERS OR STANDARD CUT PLATE WASHERS UNDER NUTS AND BOLT OR LAG SCREW HEADS WHICH BEAR ON WOOD.
7. WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1, THE REQUIREMENTS OF THE 1995 CALIFORNIA BUILDING CODE, CHAPTER 23A, AND CBC SECTION 2339. WOOD SCREWS SHALL BE STEEL, WITH MINIMUM BENDING YIELD STRENGTHS PER TABLES 23–III–DD AND 23–III–EE IN THE 1995 CBC AND CUT THREADS. LEAD HOLES FOR SCREWS SHALL BE 7/8 OF THE SHANK DIAMETER AT THE SHANK (UNTHREADED PORTION) AND 7/8 OF THE THREAD ROOT DIAMETER FOR THE THREADED PORTION OF THE SCREW.
8. WOOD MEMBERS SHALL BE CUT OR NOTCHED ONLY AS SHOWN ON STRUCTURAL DRAWINGS.
9. WHEN REQUIRED NAILING TENDS TO SPLIT WOOD MEMBERS, NAIL HOLES SHALL BE PRE–BORED TO 3/4 OF THE NAIL DIAMETER.
10. STRUCTURAL NAILING SHALL BE WITH FULL HEAD COMMON STEEL WIRE NAILS PER FEDERAL SPECIFICATION FF–N–105B, ALL REQUIREMENTS OF THE 1995 CALIFORNIA BUILDING CODE, CHAPTER 23A, AND CBC SECTION 2340. NAILING NOT SPECIFICALLY INDICATED SHALL COMPLY WITH CBC TABLE 23A–I–Q. NAILS EXPOSED TO WEATHER OR IN PRESSURE PRESERVATIVE TREATED MEMBERS SHALL BE HOT DIP GALVANIZED. NAILS SHALL BE ELECTROGALVANIZED ELSEWHERE. PROVIDE NAILS WITH MINIMUM BENDING YIELD STRENGTHS PER TABLE 23–III–I OR 23–III–MM IN THE 1995 CBC. IF MACHINE NAILING IS UTILIZED FOR THIS PROJECT, CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF CCR TITLE 24, PART 2, SECTIONS 2311A.3.3 AND 2314A.3. MACHINE NAILING IS SUBJECT TO APPROVAL BY THE DIVISION OF THE STATE ARCHITECT.
11. PRESSURE PRESERVATIVE TREATMENT SHALL BE PER SECTION 2303A.1.3, CCR TITLE 24, PART 2 (CBC). PROVIDE AWPB OR EQUIVALENT QUALITY MARK ON ALL TREATED MEMBERS.

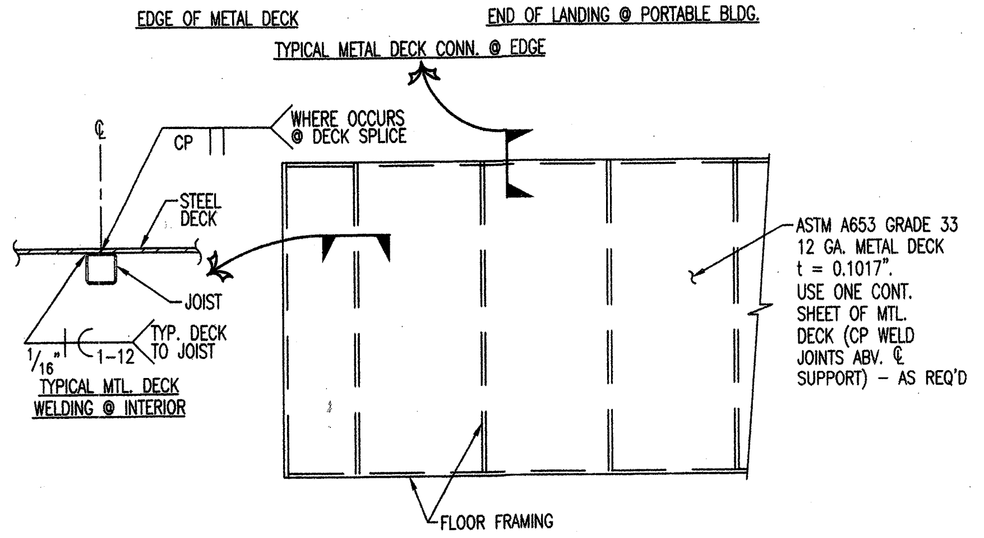
STRUCTURAL STEEL: NS_CBC95

1. ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL BE ASTM A36 UNLESS NOTED OTHERWISE.
2. TUBE MEMBERS SHALL BE ASTM A500 GRADE B. (Fy @ 46,000 psi) STEEL PIPES SHALL BE ASTM A53, TYPE E OR S, GRADE B.
3. ALL BOLTS SHALL BE ASTM A307 MACHINE BOLTS (INCLUDING SUPPLEMENTARY REQUIREMENT S1 PER ASTM) UNLESS NOTED OTHERWISE.
4. ALL WELDING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CALIFORNIA BUILDING CODE (CBC) AND THE STRUCTURAL WELDING CODE – STEEL, AWS D1.1, LATEST EDITION, OR THE STRUCTURAL WELDING CODE–SHEET STEEL, AWS D1.3, LATEST EDITION, OF THE AMERICAN WELDING SOCIETY. SEE CBC CHAPTER 22A, SECTION 2209A. PROVIDE SPECIAL INSPECTION FOR ALL WELDING – SEE #7 BELOW. UTILIZE E70 LOW HYDROGEN ELECTRODES, TYPICAL.
5. FABRICATION AND ERECTION OF STRUCTURAL AND MISCELLANEOUS STEEL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS. ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN, OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) (CBC CHAPTER 22A, SECTION 2203A). ALSO COMPLY WITH REQUIREMENTS OF THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES. THERE ARE NO SELF–SUPPORTING FRAMES ON THIS PROJECT – TEMPORARY BRACING IS REQUIRED UNTIL ALL ELEMENTS SHOWN ON STRUCTURAL DRAWINGS ARE IN PLACE.)
6. PRIME ALL STEEL SURFACES WITH AN APPROVED ZINC RICH PRIMER. TOUCH–UP FIELD WELDS AND OTHER EXPOSED STEEL SURFACES AFTER ERECTION.
7. OWNER SHALL PROVIDE INSPECTIONS AND TESTS IN ACCORDANCE WITH CBC SECTION 2212A. OWNER'S INSPECTOR AND TESTING LABORATORY SHALL PROVIDE REPORTS TO THE STRUCTURAL ENGINEER AND DIVISION OF THE STATE ARCHITECT.

DRIVEN PINS:

1. DRIVE PINS FOR ATTACHMENT OF WOOD TO STEEL SHALL BE BY HILTI FASTENING SYSTEMS PER ICBO REPORT NO. 2388, OR EQUIVALENT. X–DNI DRIVE PINS SHALL BE DOME HEAD w/ SMOOTH SHANK TYPICAL. LENGTHS SHALL BE SUCH THAT FULL DIAMETER OF SHANK PENETRATES THRU STEEL MEMBER ATTACHED TO. INSTALL PER MANUFACTURER'S REQUIREMENTS, THESE DRAWINGS AND THE MANUFACTURER'S ICBO APPROVAL.
2. ATTACHMENT OF WOOD TO STEEL WHERE SHOWN ON DRAWINGS SHALL BE ET&F FASTENING SYSTEMS .144ø PINS PER ICBO REPORT NO. 4144 OR EQUIVALENT. INSTALL PER MANUFACTURER'S REQUIREMENTS, THESE DRAWINGS AND THE MANUFACTURER'S ICBO APPROVAL. LENGTHS SHALL BE SUCH THAT PINS EXTEND THROUGH STEEL MEMBER 1/4" MINIMUM.
3. PNEUTEK SDL PINS BY PNEUTEK, INC. ARE AN ACCEPTABLE ALTERNATE TO HILTI OR ET & F PINS. PROVIDE EQUAL OR GREATER DIAMETER AND INSTALLATION PER MANUFACTURER'S INSTRUCTIONS.



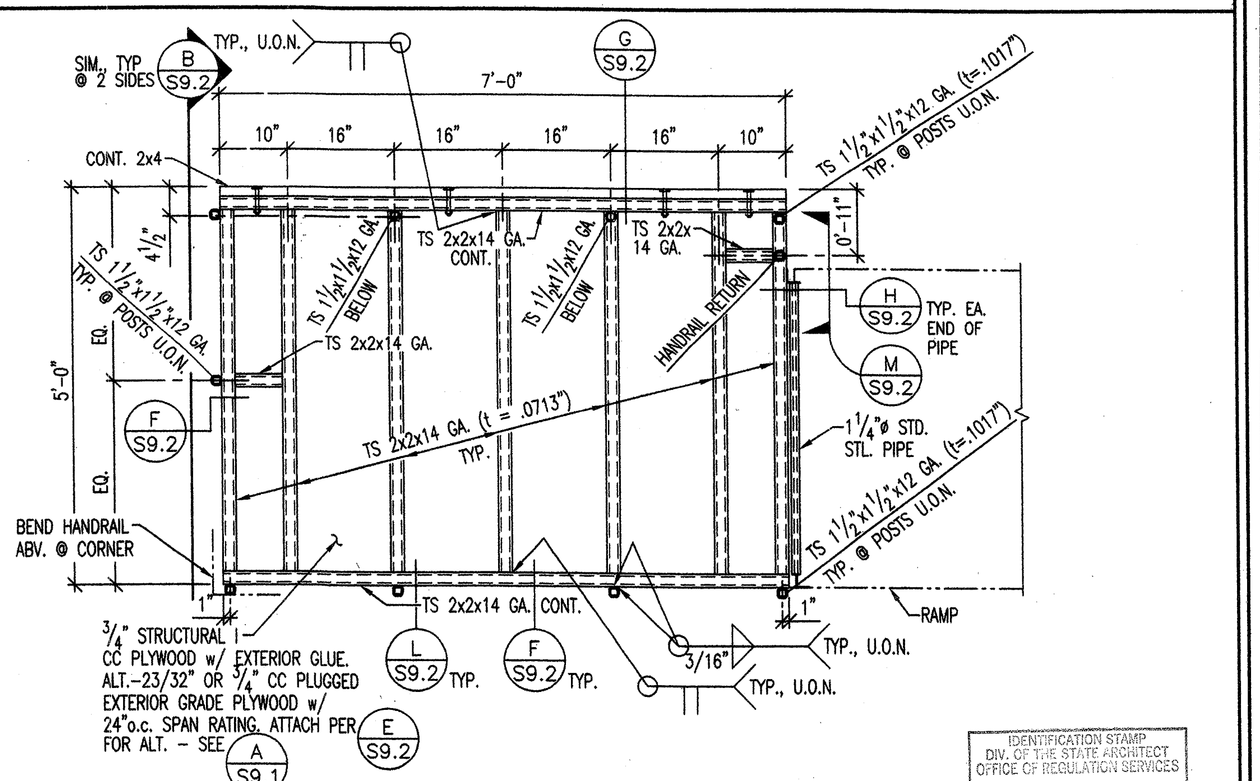


A S9.1 **TYPICAL DETAIL @ METAL FLOOR DECK ALTERNATE IN LIEU OF P.W. SHEATHING**
N.T.S. (TYP. @ LANDING & RAMPS)

ABBREVIATIONS:

ABBR	
A.B.	ANCHOR BOLT
ABV.	ABOVE
ADDL.	ADDITIONAL
ADJ.	ADJACENT
ALT.	ALTERNATE
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
BLDG.	BUILDING
BLKG.	BLOCKING
BLW.	BELOW
BM.	BEAM
B.O.	BOTTOM OF
BOT.	BOTTOM
B.S.	BOTH SIDES
BTWN.	BETWEEN
C.J.	CONSTRUCTION JOINT
℄	CENTER LINE
CLG.	CEILING
CLR.	CLEAR
CMU	HOLLOW CONCRETE MASONRY UNIT
COL.	COLUMN
COMP.	COMPOSITION
CONC.	CONCRETE
CONSTR.	CONSTRUCTION
CONN.	CONNECTION
CONT.	CONTINUOUS
CP	COMPLETE PENETRATION
CSK.	COUNTERSINK
DBL.	DOUBLE
DET.	DETAIL
DF–L	DOUGLAS FIR–LARCH
DIAG.	DIAGONAL
DIM.	DIMENSIONS
D.O.	DITTO
DRWG.	DRAWING
ø, DIA.	DIAMETER
(E)	EXISTING
EA.	EACH
E.F.	EACH FACE
E.J.	EXPANSION JOINT
ELEV.	ELEVATION
E.N.	PLYWOOD EDGE NAILING
EQ.	EQUAL
EQUIP.	EQUIPMENT
E.S.	EACH SIDE
EXTR.	EXTERIOR
E.W.	EACH WAY
F.F.	FINISH FLOOR
F.G.	FINISH GRADE
FIN.	FINISH
FLR.	FLOOR
F.N.	FACE NAIL
FND.	FOUNDATION
F.O.C.	FACE OF CONCRETE
F.O.M.	FACE OF MASONRY
F.O.S.	FACE OF STUD
F.S.	FAR SIDE
FTG.	FOOTING
GA.	GAGE
GALV.	GALVANIZED
G.L.	GRID LINE
GLB	GLU–LAM BEAM
GYP. BD.	GYPSUM BOARD
HCB	HOLLOW CONCRETE BLOCK
HD	HOLDOWN
HDR.	HEADER
HK.	HOOK
HORIZ.	HORIZONTAL
H.S.	HIGH STRENGTH
INFO.	INFORMATION
INTR.	INTERIOR
INTRM.	INTERMEDIATE
JT.	JOINT
LCTN.	LOCATION
MAX.	MAXIMUM
MECH.	MECHANICAL
MFR.	MANUFACTURER
MIN.	MINIMUM
(N)	NEW
N.S.	NEAR SIDE
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
O.H.	OPPOSITE HAND
OPNG.	OPENING
OPP.	OPPOSITE
PC.	PIECE
℗ OR PL.	PLATE
PPT	PRESSURE PRESERVATIVE TREATED
P.W.	PLYWOOD
PWPEN	PLYWOOD PANEL EDGE NAILING
REINF.	REINFORCEMENT
REQD.	REQUIRED
RHWS	ROUND HEAD WOOD SCREW
RWD.	REDWOOD
SHTHG.	SHEATHING
SIM.	SIMILAR
SMS	SHEET METAL SCREW
SQ.	SQUARE
STD.	STANDARD
STG'D.	STAGGERED
STIFF.	STIFFENER
S.W.	SHEARWALL
SYM.	SYMMETRICAL
T&B	TOP & BOTTOM
T&G	TONGUE & GROOVE
THRU	THROUGH
T.N.	TOE NAIL
T.O.	TOP OF
T.O.C.	TOP OF CONCRETE
T.O.S.	TOP OF STEEL
TS	TUBE STEEL
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
VERT.	VERTICAL
w/	WITH
W.P.	WORK POINT
WND.	WINDOW
WWF	WELDED WIRE FABRIC

PLANS:



1 S9.1 **LANDING FRAMING PLAN**
SCALE: 3/4" = 1'–0"

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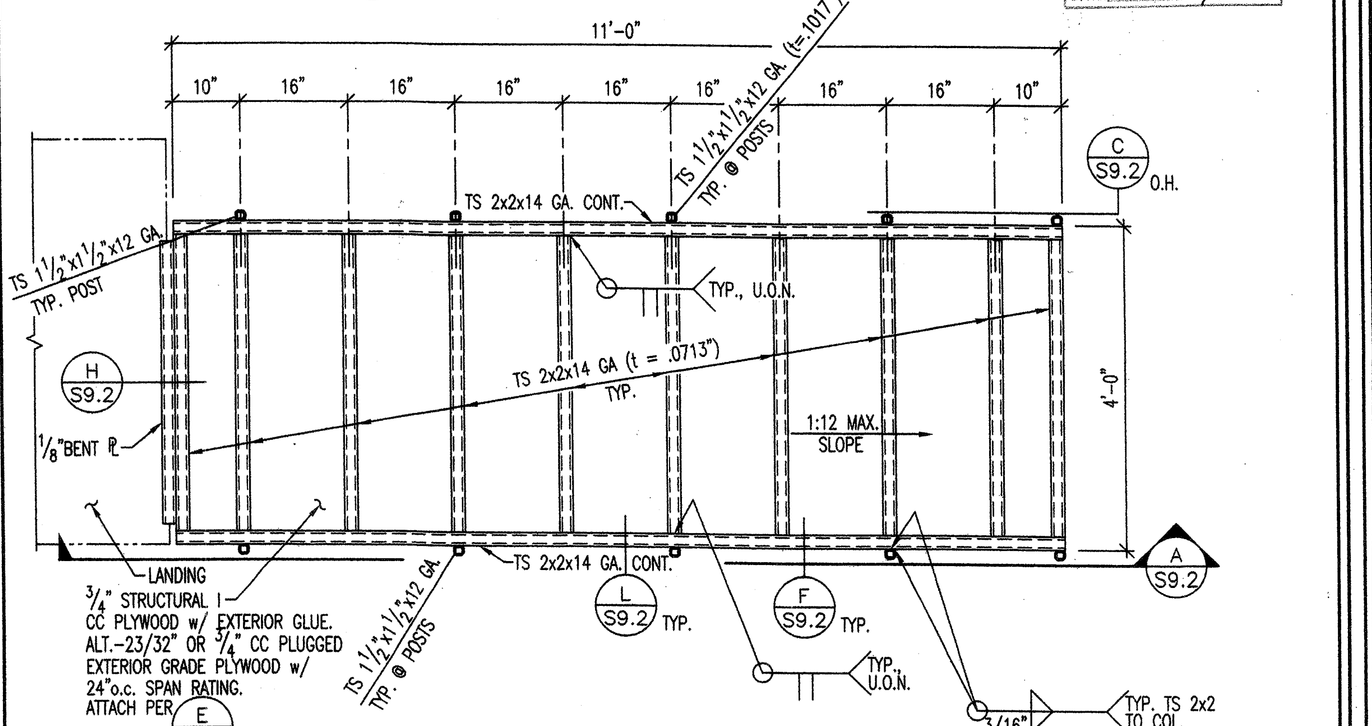
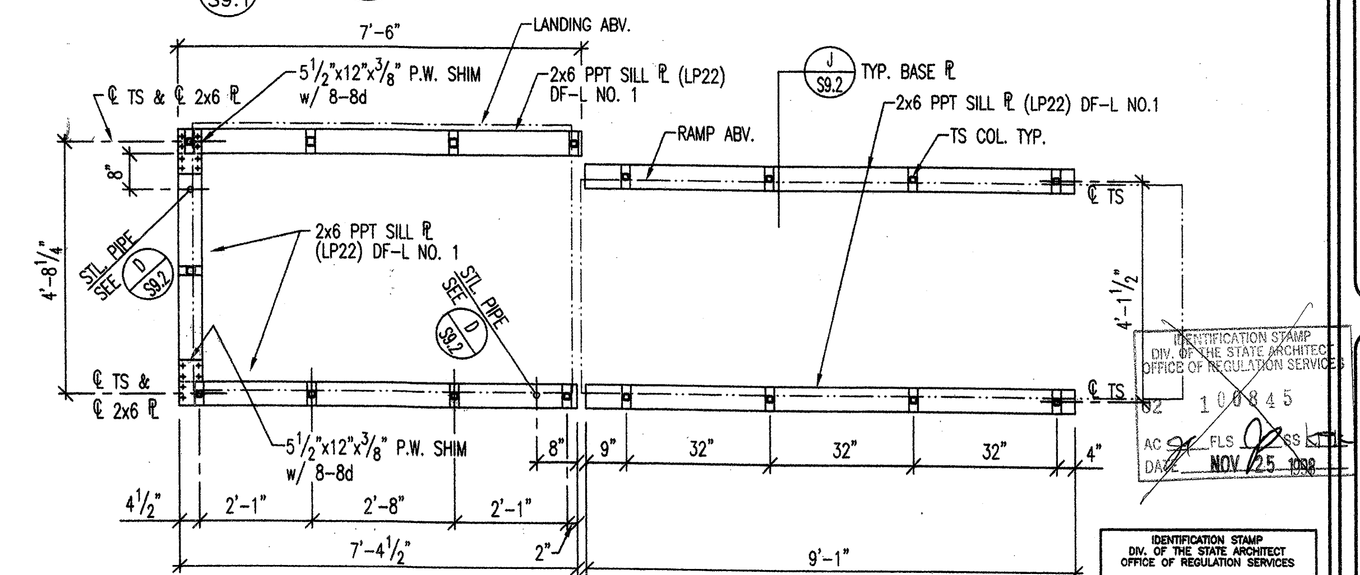
AC: FLS: SS:
DATE: 12/10/98



2 S9.1 **RAMP FRAMING PLAN**
SCALE: 3/4" = 1'–0"



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3 S9.1 **SILL PLAN FOR RAMP & LANDING**
SCALE: 1/2" = 1'–0"

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PC–330
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DATE:

REVISIONS	BY
⚠1 12–17–97/SUBSTITUTED	BD
S9.1 & S9.2 FROM PC–335	

PACESETTER INDUSTRIES, INC.
2507 HERITAGE DRIVE, BLDG. NO. 1230, ATWATER, CA 95301 TEL: (209) 725–1600 FAX: (209) 381–7833

RAMP & LANDING @ PORTABLE CLASSROOMS

GENERAL NOTES, ABBREVIATIONS, & PLANS

REGISTERED PROFESSIONAL ENGINEER BRUCE D. DOIG No. 2522 STRUCTURAL STATE OF CALIFORNIA
EXPIRES 3–31–00

ANDERSON & DOIG STRUCTURAL ENGINEERS
A CALIFORNIA CORPORATION
10368 TRADER LANE, STE. 100, SACRAMENTO, CA 95827–2531
(916) 366–9522 FAX: (916) 366–9623

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DATE	12–17–97
SCALE	AS NOTED
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