02-90519 \ 290519S8

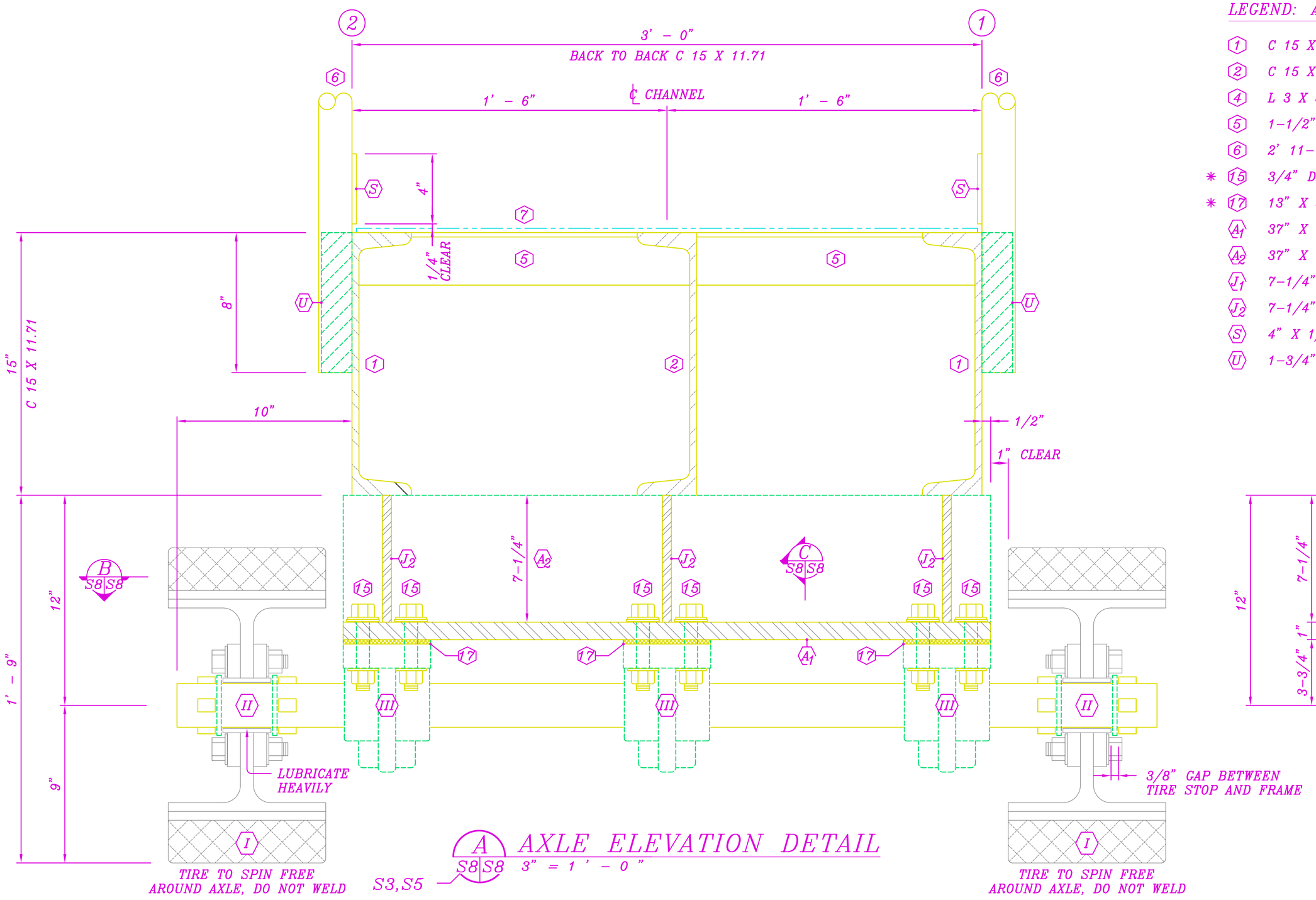
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED

LEGEND: ALUMINUM UNLESS NOTED BY *

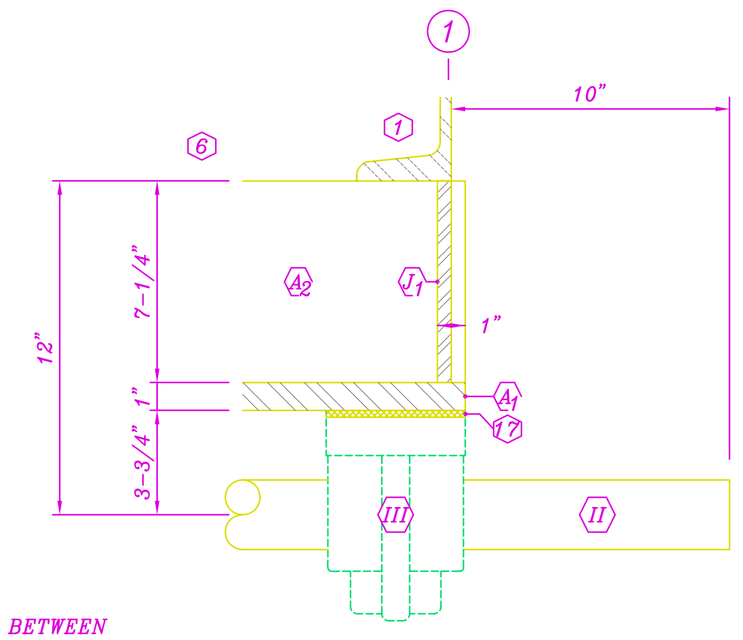
- (1) C 15 X 11.71 X 40'-0" EXTERIOR BEAM
- (2) C 15 X 11.71 X 23'-0" INTERIOR BEAM
- (4) L 3 X 3 X 1/4
- (5) 1-1/2" DIA PIPE POST, SEE B/S2
- (6) 2' 11-1/2" X 1/4" CHECKERED FLOOR PLATE
- * (15) 3/4" DIA STAINLESS STEEL BOLT, SEE B/S1
- * (17) 13" X 5" X 1/4" TEFLON INSULATOR PLATE
- (A_1) 37" X 1" X 13" AXLE HORIZONTAL PLATE, SEE C/S8
- (A_2) 37" X 1" X 7-1/4" AXLE VERTICAL PLATE, SEE C/S8
- (J_1) 7-1/4" X 1/2" X 5" AXLE STIFFENER, SEE C/S8
- (J_2) 7-1/4" X 1/4" TAPERED AXLE STIFFENER, SEE C/S8
- (S) 4" X 1/4" TOEBOARD, SEE C/S2
- (U) 1-3/4" X 1/4" X 8" POST STIFFENER PLATE, SEE B/S2

NOTES:

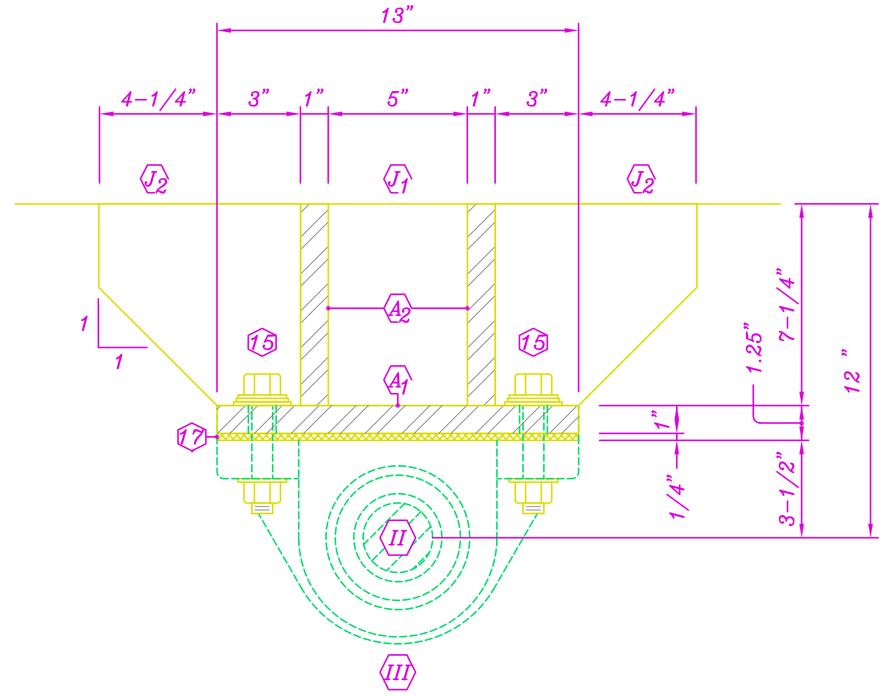
1. STEEL AND ALUMINUM INTERFACES SHALL BE INSULATED WITH TEFLON PLATES, WASHERS OR SLEEVES TO PREVENT GALVANIC CORROSION, SEE B/S1
2. CONTACT HAWAIIAN LIFT TRUCK, INC. AT 847-0623 TO OBTAIN 18" O.D. X 12-1/8" I.D. X 9" WIDE' PRESSED-ON SOLID INDUSTRIAL TIRE WITH CARRYING CAPACITY OF 6,280 LBS / TIRE AT 10 MPH
3. CONTACT BONNIE LEASURE AT ALLIED MACHINERY AT 671-0541 TO OBTAIN 2-1/2" DIAMETER AISI 1045/1050 INDUCTION HARDENED STEEL AXLE ROD
4. CONNECTIONS SHALL BE CONTINUOUS FILLET WELDS THE THICKNESS OF THINNER MATERIAL OR 1/4" WHICHEVER IS LESS UNLESS NOTED OTHERWISE



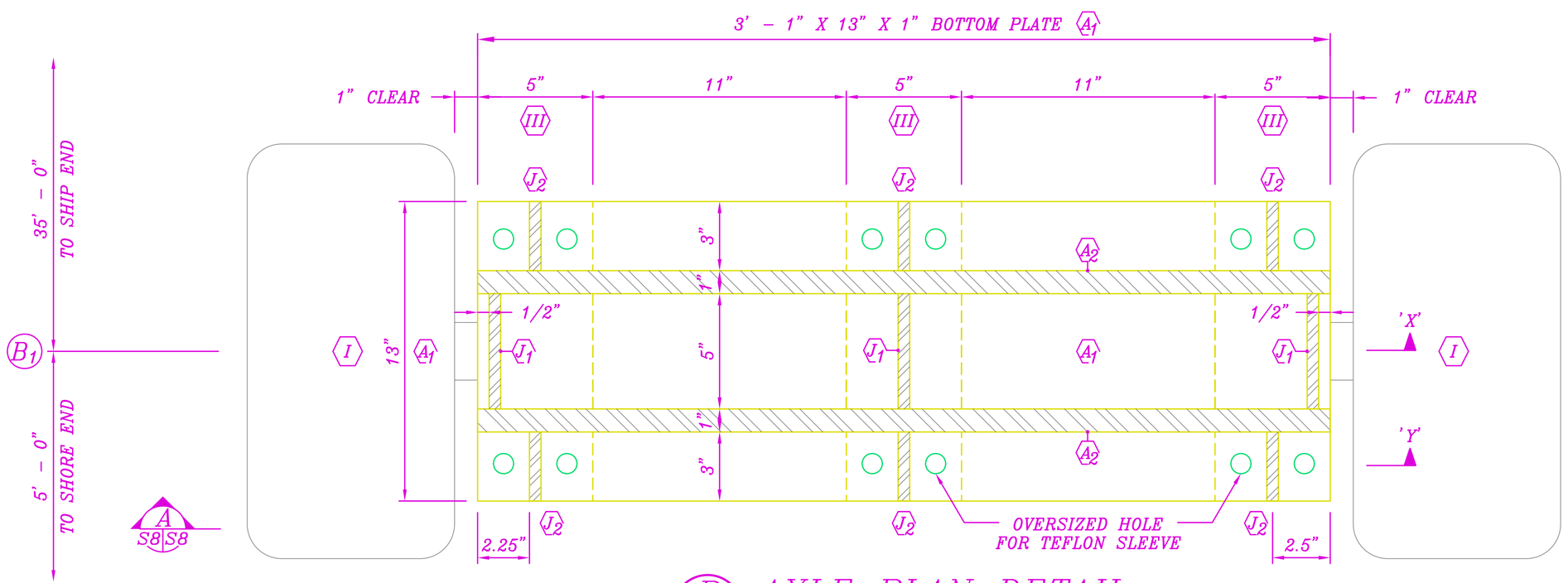
A AXLE ELEVATION DETAIL
S8|S8 S3,S5 3" = 1' – 0"



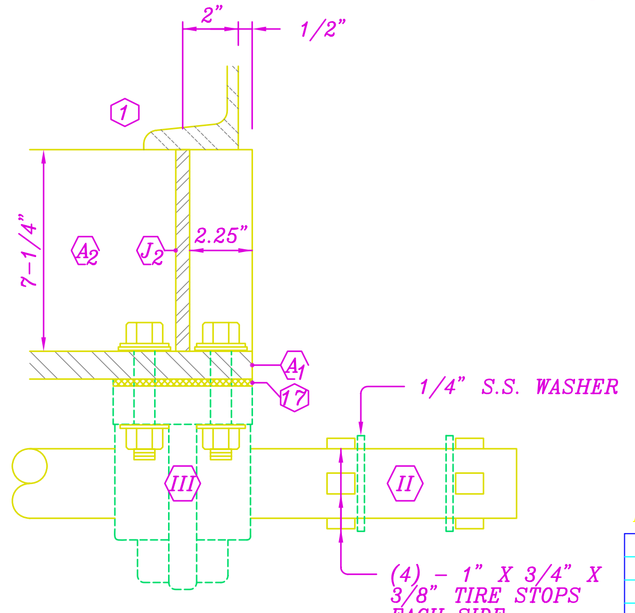
SECTION X–X



C PILLOW BLOCK DETAIL
S8|S8 S4 3" = 1' – 0"



B AXLE PLAN DETAIL
S8|S8 3" = 1' – 0"



SECTION Y–Y

TIRE LEGEND:

- (I) 18" X 12-1/8" X 9" 'WIDE' PRESSED-ON TIRE
- (II) 2-1/2" DIA X 4'-8" AISI 1045 / 1050 INDUCTION HARDENED STEEL AXLE ROD
- (III) 'REX' ZP-5208-F HEAVY DUTY PILLOW BLOCK VERIFY DIMENSIONS, BOLT SIZE AND LOCATION PAINT EXPOSED STEEL SURFACES WITH EPOXY PAINT

IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE REDUCED ACCORDINGLY.

STRUCTURAL SHT 8 OF 8	DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
DES R. CHONG	PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII
DR R. CHONG	SUBASE PEARL HARBOR, HI
CHK SUEHIRO	SIERRA WHARVES
DFPE ORLOWSKI	40' X 3' BEAM BROW
INIT. BR. MGR.	AXLE SECTIONS AND DETAILS
DIV. DIR.	

S8 — APPROVED PER ENDORSEMENT TO PWC CODE 420 MEMO OF 11/15/02
SATISFACTORY AS TO FUNCTION TROY OTSUKA 11/15/02
TITLE CNRH N464 DATE

APPROVED DATE
BY DIRECTION OF COMMANDING OFFICER

SIZE D | CODE IDENT NO 80091 | NAVFAC DRAWING NO 7498194
CONSTR CONTR NO PWC SHOP
SCALE: AS NOTED | SPEC PWC SHOP | SHEET 8 OF 8
PLOT SCALE:
WR NO 90519 JON 141-6312 / 02