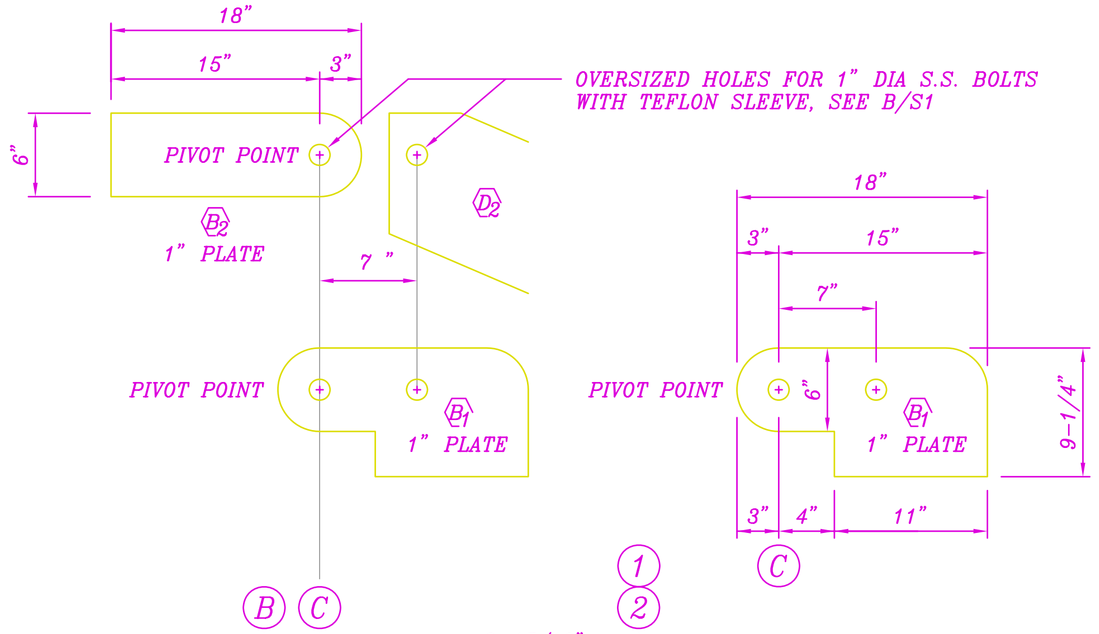
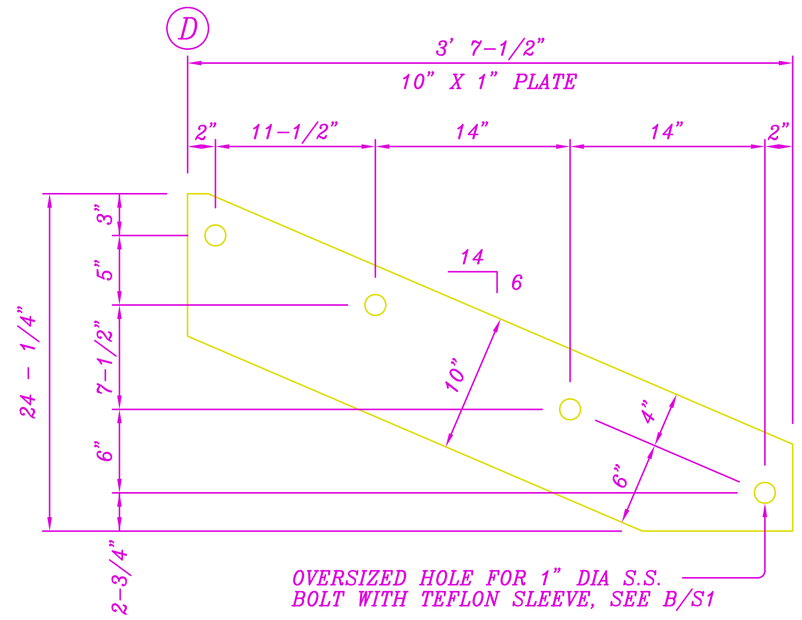
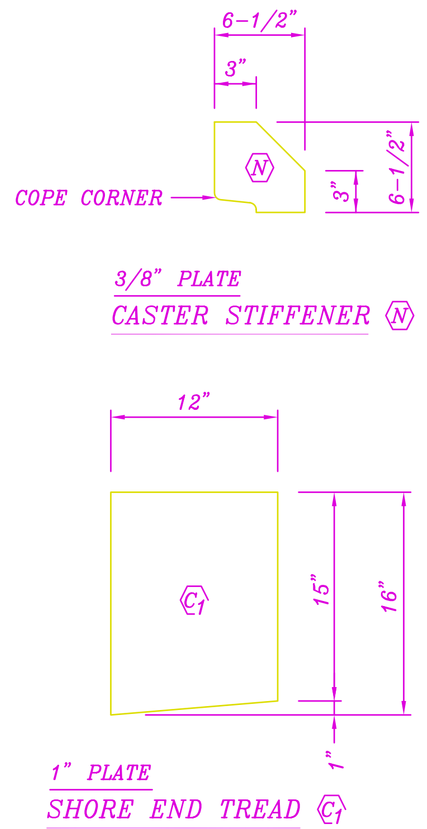
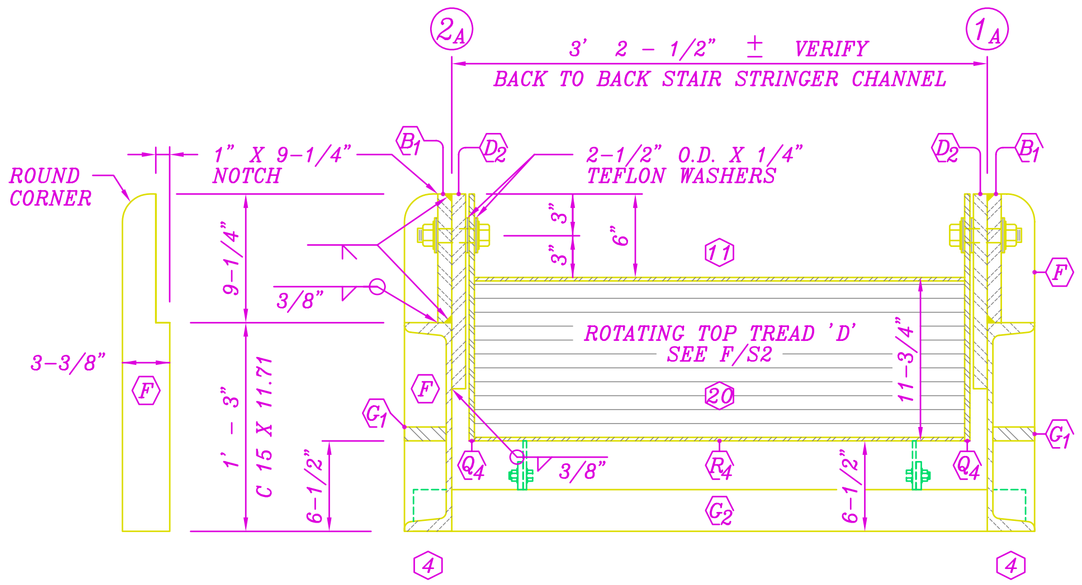
02-90519 \ 290519S7

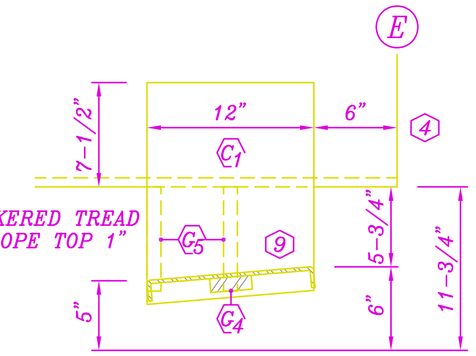
| REVISIONS | | | | |
|---|---|---|---|---|
| ZONE | LTR | DESCRIPTION | DATE | APPROVED |
| | | | | |

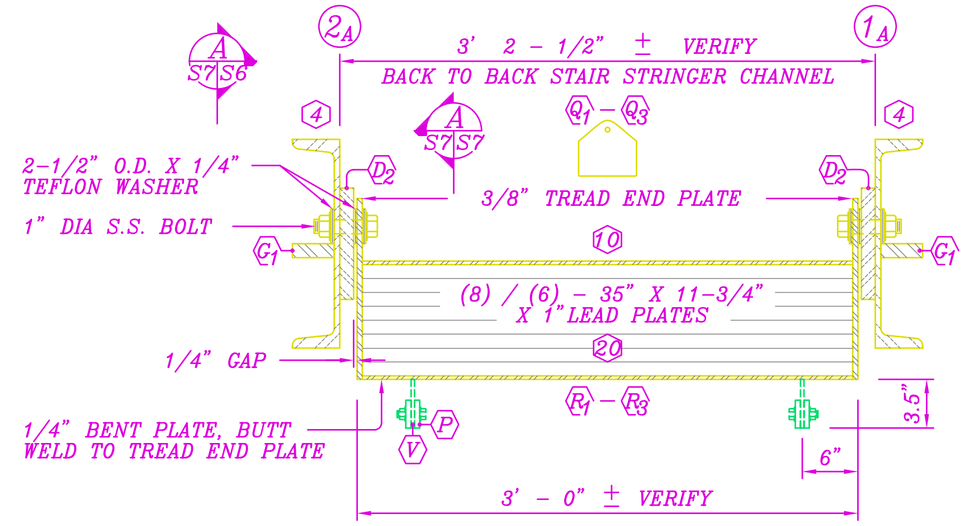


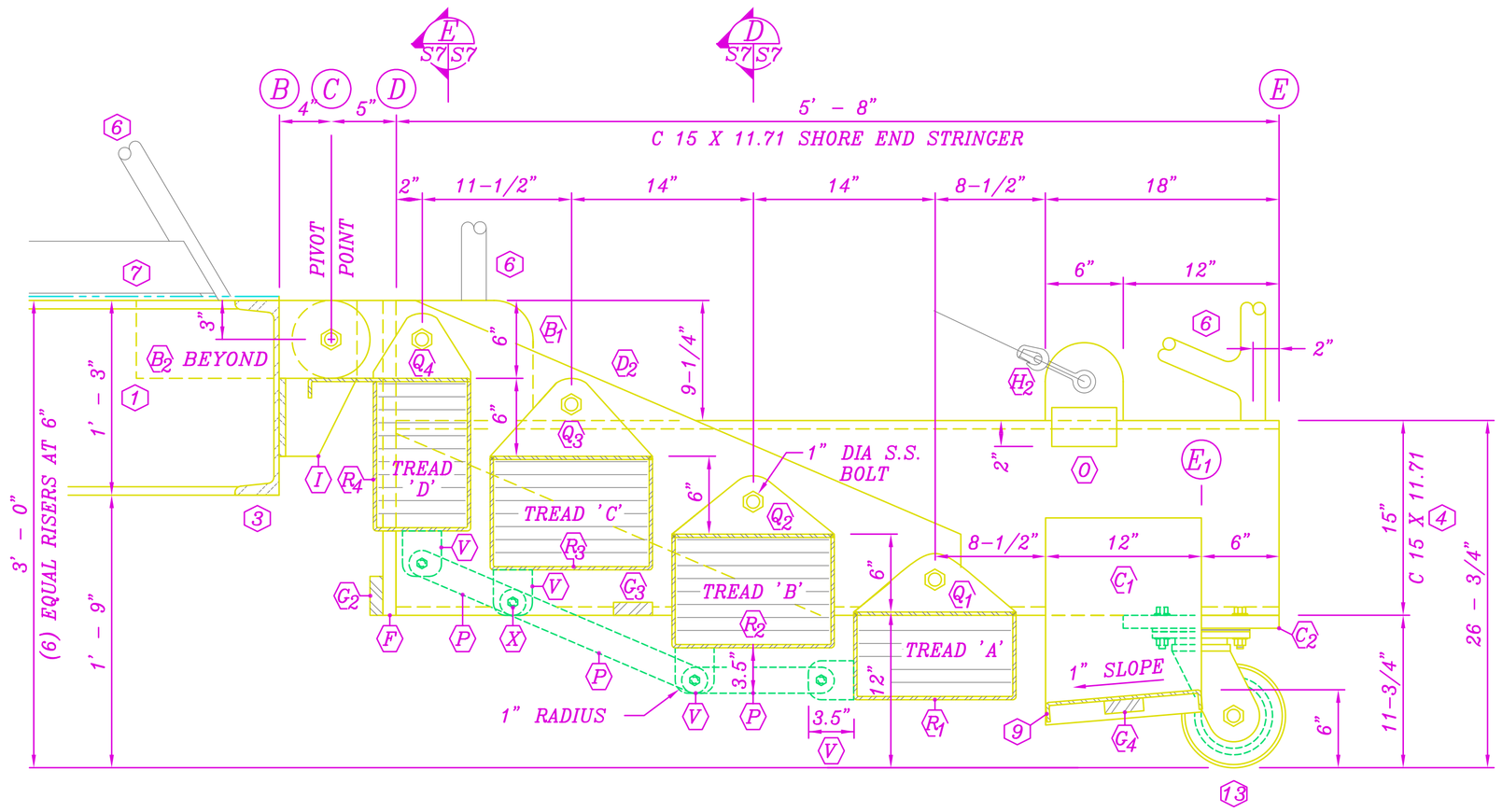




## C PLATE DETAILS
S7 S7 — 1-1/2" = 1' - 0"
S5,S6

## B TREAD DETAIL (9)
FIXED
S7 S7 — 1-1/2" = 1' - 0"
S3,S5,S6




## A STAIR SECTION ✡
S7 S7 — 1-1/2" = 1' - 0"
S3,S5,S6

LEGEND: ALUMINUM UNLESS NOTED BY *

- ✡ MAJOR REVISION FROM PREVIOUS DRAWINGS
- (1) C 15 X 11.71 X 40'-0" EXTERIOR BEAM
- (3) C 15 X 11.71 X 3'-0" END BEAM
- (4) C 15 X 11.71 X 5'-8" SHORE END STRINGER
- (6) 1-1/2" DIA PIPE POST / HANDRAIL, SEE B/S2
- (7) 2' 11-1/2" X 1/4" CHECKERED FLOOR PLATE
- (9) 1/4" CHECKERED SHORE END FIXED TREAD, SEE B/S7
- (10) 12" X 1/4" CHECKERED ROTATING TREAD, SEE F/S2
- (11) 1/4" BENT CHECKERED ROTATING TREAD, SEE F/S2
- * (13) 8" DIA X 5" SHORE END SWIVEL CASTER, SEE A/S2
- * (20) 1" LEAD PLATE, SEE F/S2
- (B1) 18" X 1" X 9-1/4" PLATE, SEE C/S7
- (B2) 18" X 1" X 6" PLATE, SEE C/S7
- (C1) 12" X 1" X 16" SHORE END TREAD PLATE, SEE C/S7
- (C2) 12" X 1" X 7-1/4" CASTER PLATE SEE A/S2
- (D2) 10" X 1" STRINGER TREAD PLATE, SEE C/S7
- (F) 3-3/8" X 1" X 24-1/4" STRINGER END WEB STIFFENER, SEE C/S7
- (G1) 3" X 1" X 5-8" STRINGER WEB HORIZONTAL STIFFENER, SEE A/S6
- (G2) 3" X 1" X 3' - 8" STRINGER BRACE, SEE A/S6
- (G3) 3" X 1" X 3' 2-1/2" STRINGER BRACE, SEE A/S7
- (G4) 3" X 1" X 3'-1/2" FIXED TREAD BRACE, SEE B/S7
- (G5) 3" X 1" X 7-1/2" SHORE END TREAD STIFFENER, SEE A/S6
- (H2) 6" X 1" PADEYE WITH 1-1/2" DIA HOLE, SEE E/S2
- (I) 12" X 1/2" X 12" BENT PLATE, SEE C/S7
- (N) 6-1/2" X 3/8" X 6-1/2" CASTER STIFFENER PLATE, SEE C/S7
- (O) 5" X 3/8" X 3" PADEYE BACKING PLATE, SEE A/S7
- (P) 2" X 3/8" ROTATING TREAD BRACE PLATE, SEE B/S5
- (Q1 - Q4) 3/8" ROTATING TREAD END PLATE, SEE F/S2
- (R1 - R4) 1/4" ROTATING BENT TREAD PLATE, SEE F/S2
- (V) 3-1/2" X 1/4" X 3" ROTATING TREAD PLATE, SEE A/S7
- (X) 1/2" DIA ALUMINUM 2024-T4 OR 7075-T73 BOLT

1. DO NOT WELD ABUTTING PLATES THAT ROTATE ABOUT PIVOT POINT
2. VERIFY COUNTERBALANCE OF BROW PRIOR TO WELDING TOP TREAD PLATES
3. STEEL AND ALUMINUM INTERFACES SHALL BE INSULATED WITH TEFLON PLATES, WASHERS OR SLEEVES TO PREVENT GALVANIC CORROSION, SEE B/S1
4. CONNECTIONS SHALL BE CONTINUOUS FILLET WELDS THE THICKNESS OF THINNER MATERIAL OR 1/4" WHICHEVER IS LESS UNLESS NOTED OTHERWISE

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

S7

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

STRUCTURAL SHT 7 OF 8
DES R. CHONG
DR R. CHONG
CHK SUEHIRO
DPPE ORLOWSKI
INIT BR MGR
DIV DIR

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS CENTER
PEARL HARBOR, HAWAII

SUBASE PEARL HARBOR, HI
SIERRA WHARVES

# 40' X 3' BEAM BROW
STAIR SECTIONS AND DETAILS

SIZE D | CODE IDENT NO 80091 | NAVFAC DRAWING NO 7498193
CONSTR CONTR NO PWC SHOP
SCALE: AS NOTED | SPEC PWC SHOP | SHEET 7 OF 8

PLOT SCALE:

WR NO 90519 JON 141- 6312 / 02

SCALE: 1/8"=1'-0" | 1/4"=1'-0" | 1/2"=1'-0" | 3/4"=1'-0" | 1-1/2"=1'-0" | 3"=1'-0"
SCALE: 1"=20' | 1"=40' | 1"=100' | 1"=200' | 1"=10'