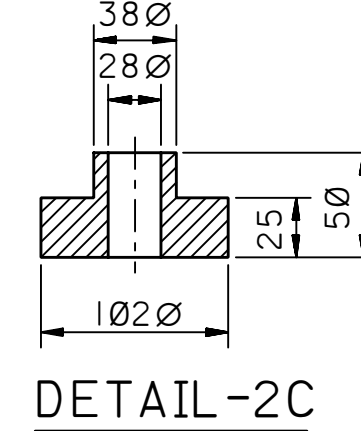
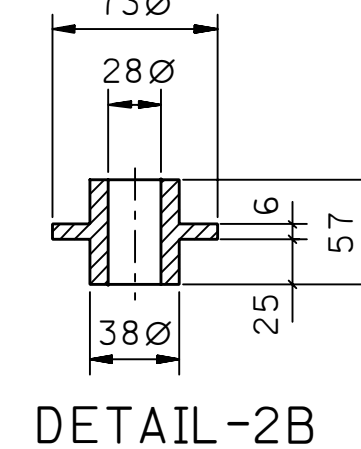
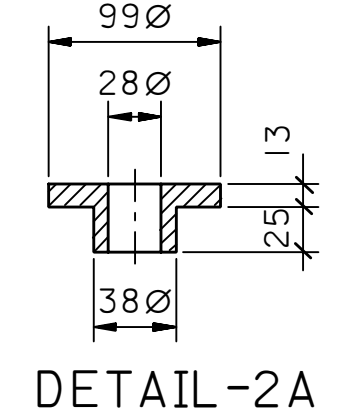
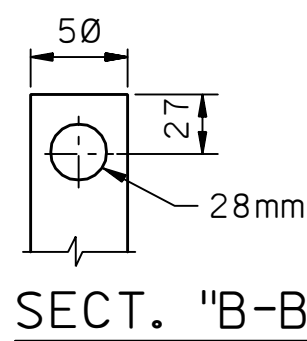
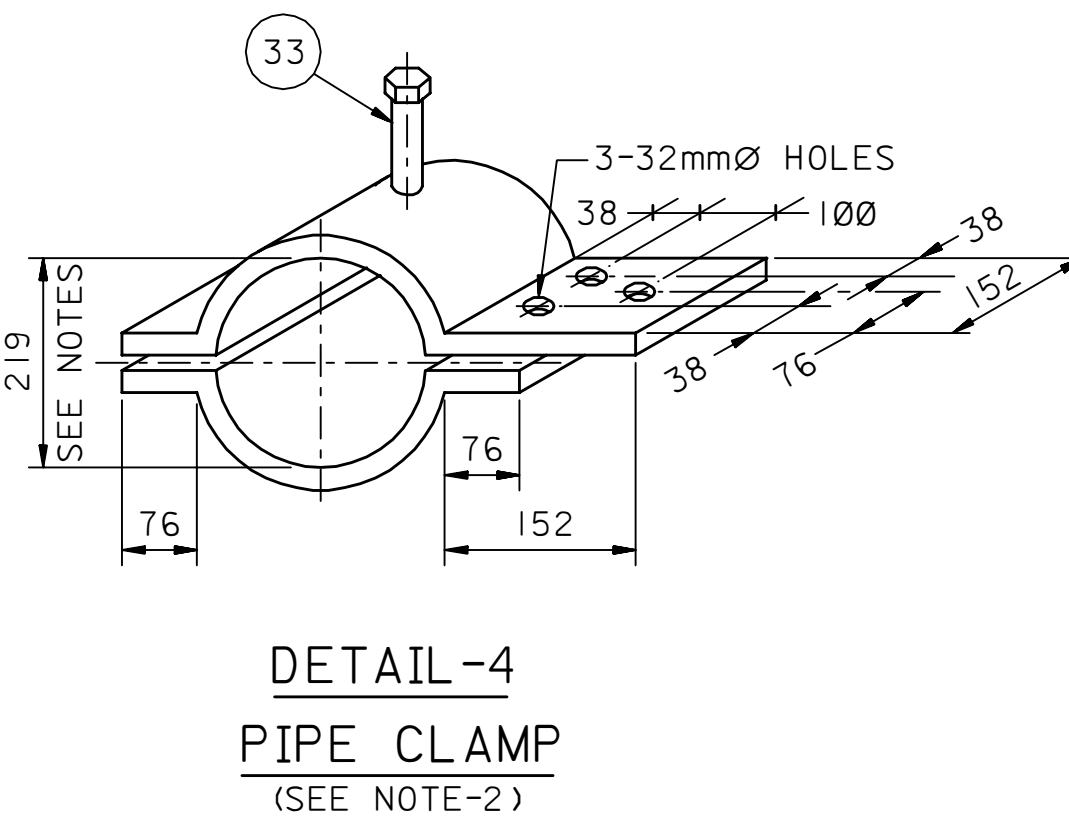
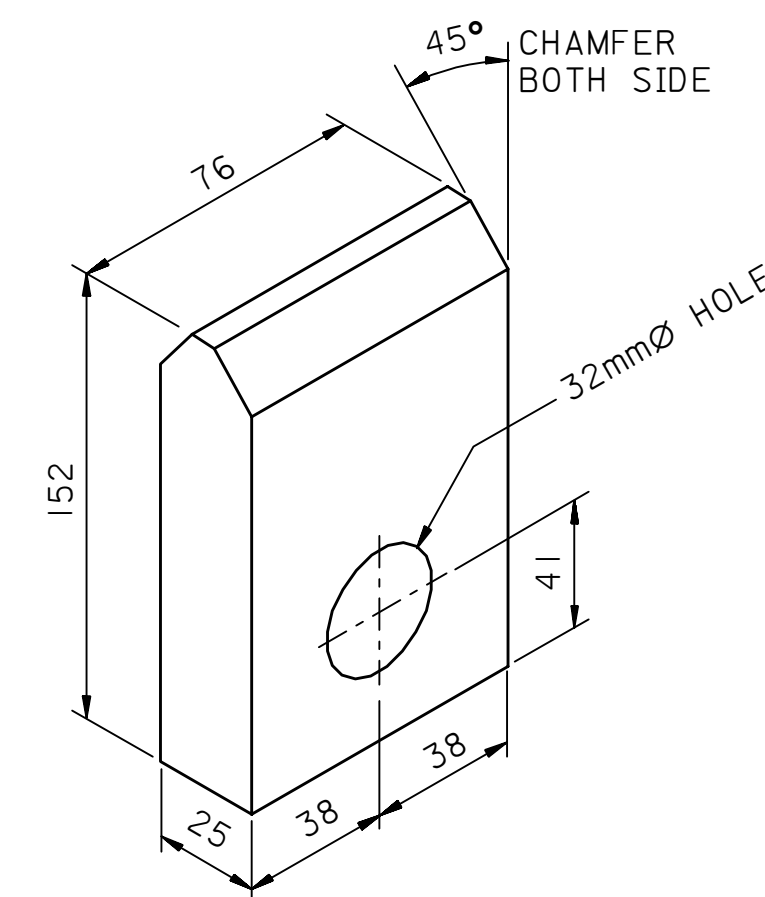
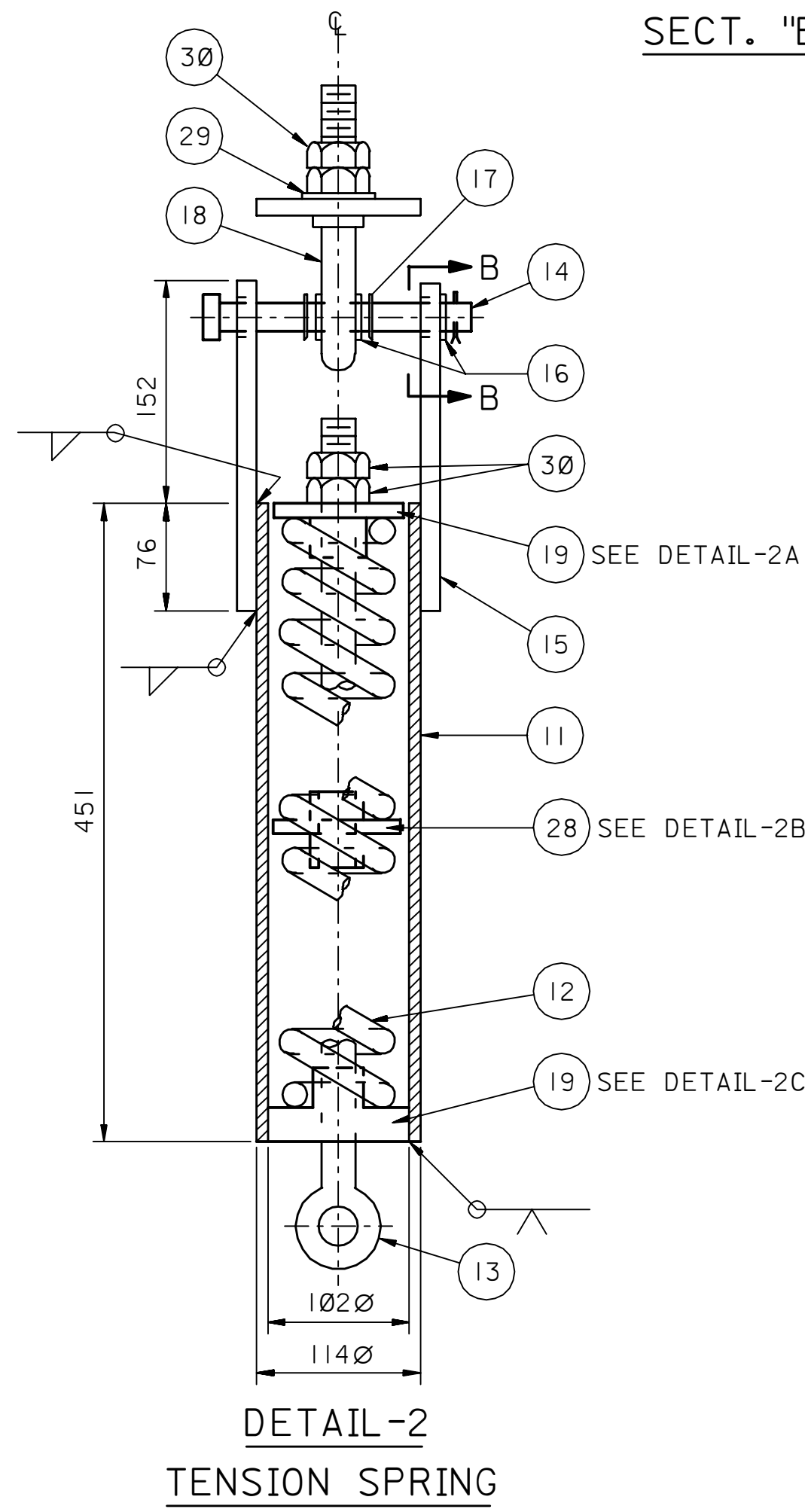
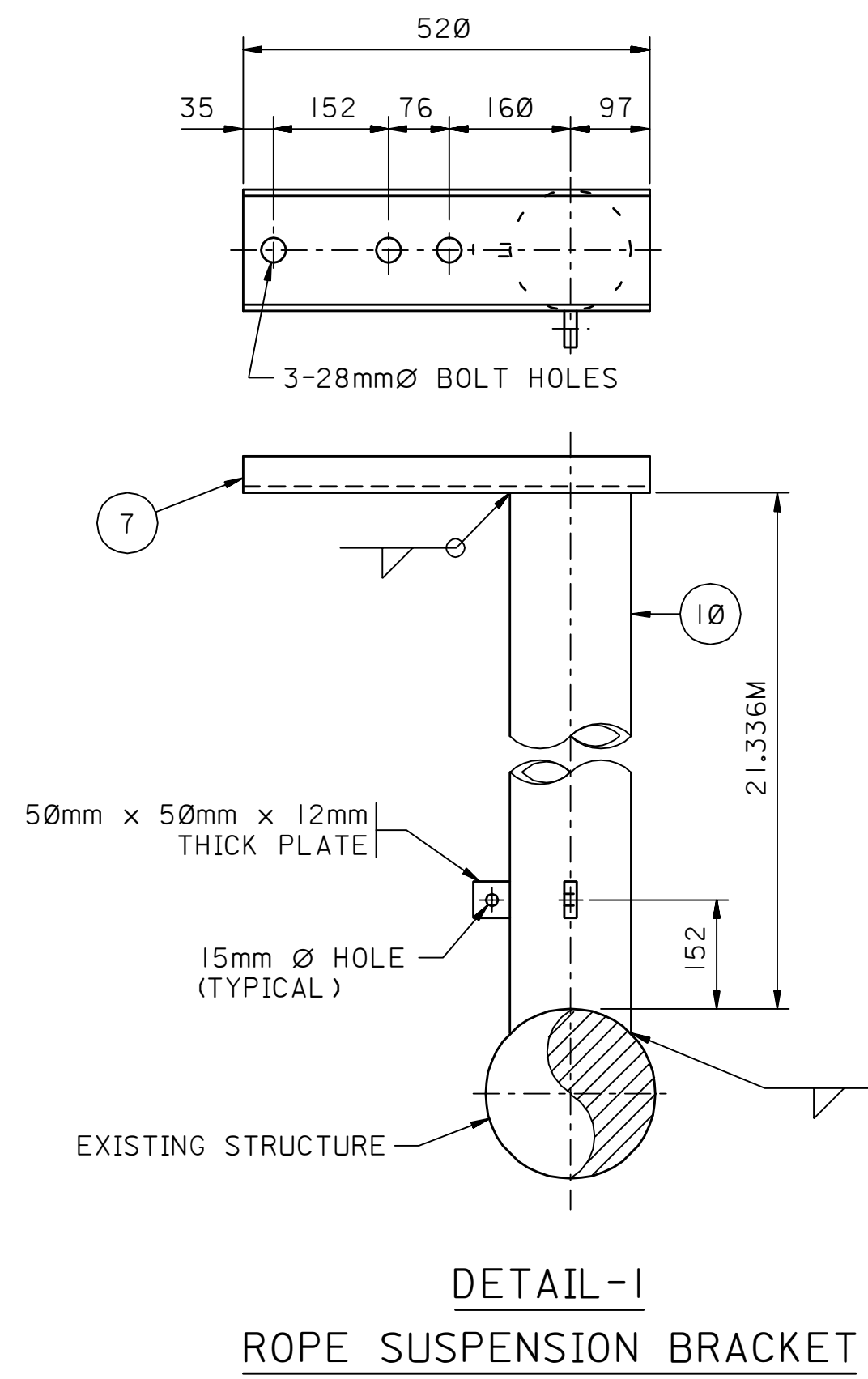
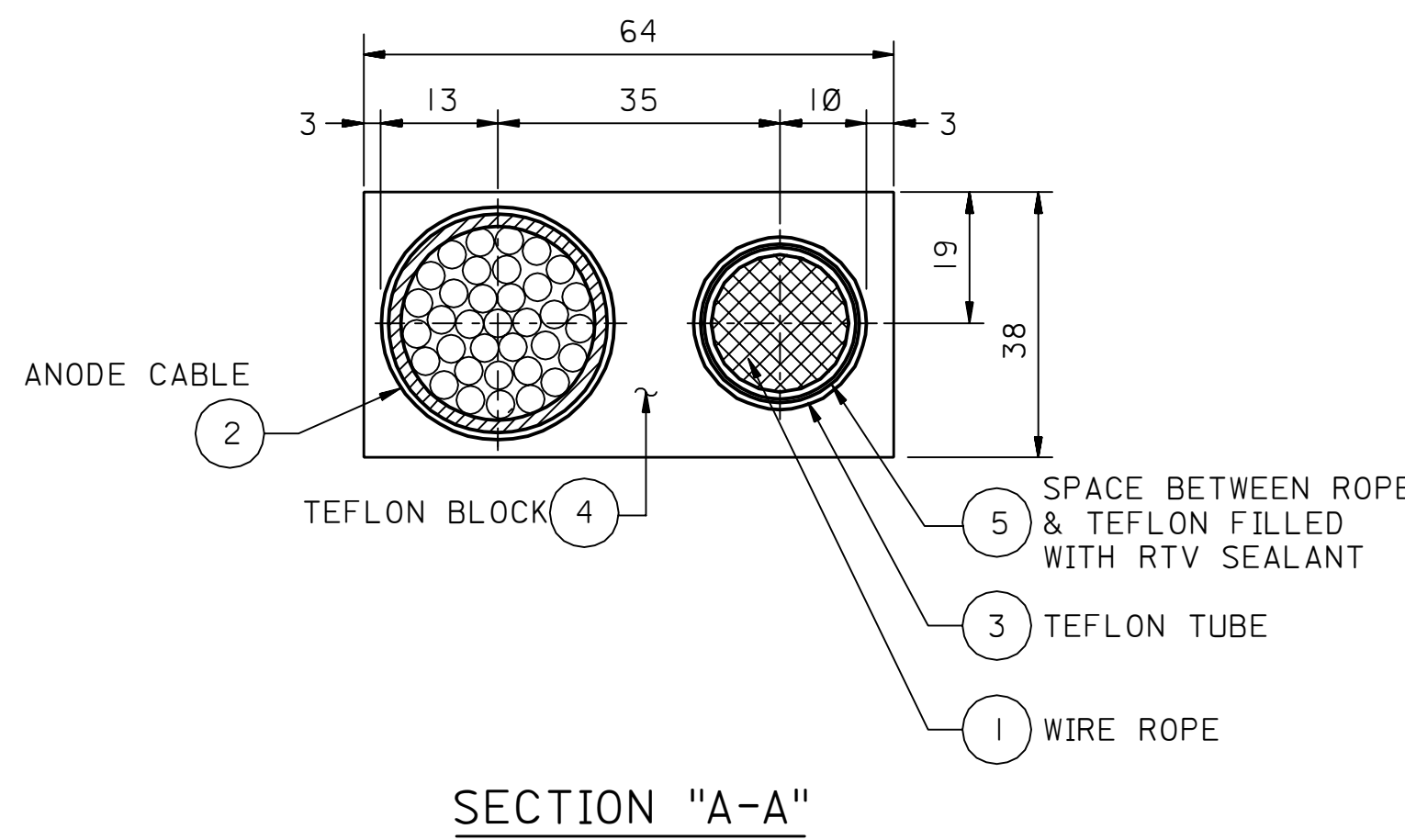
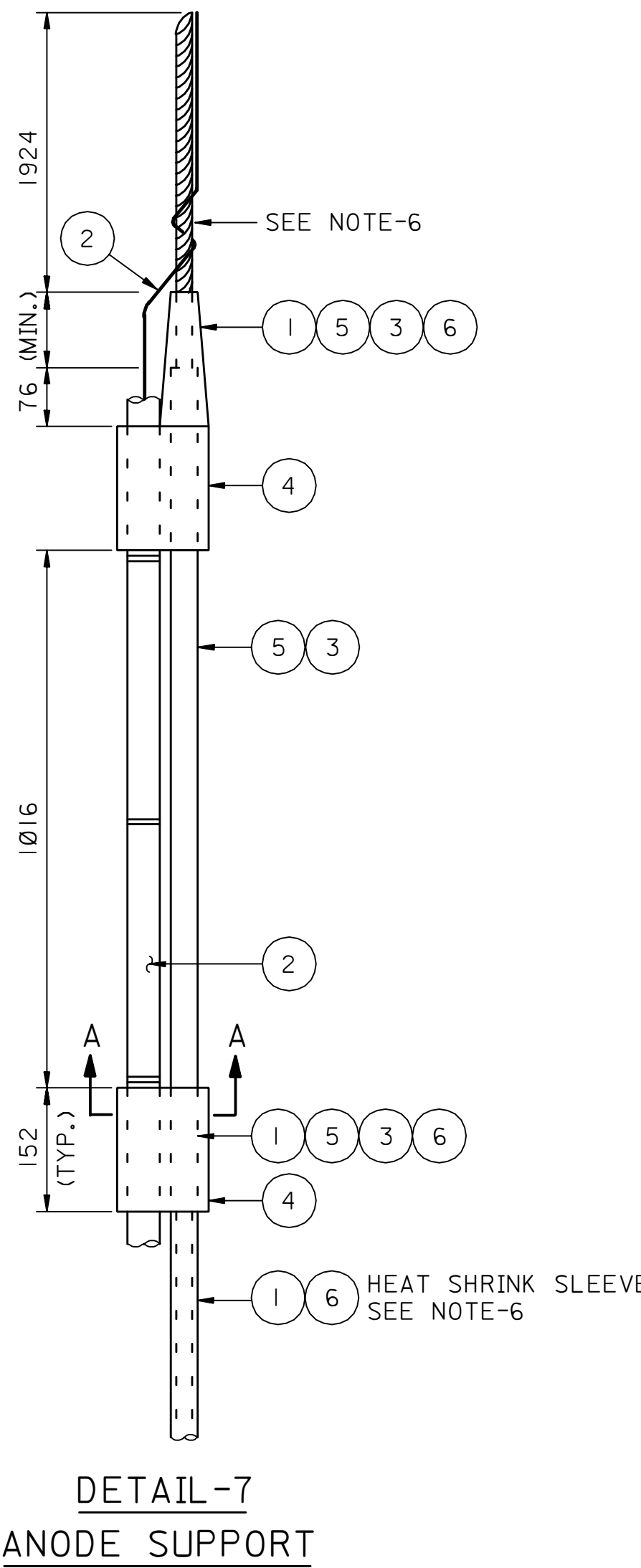
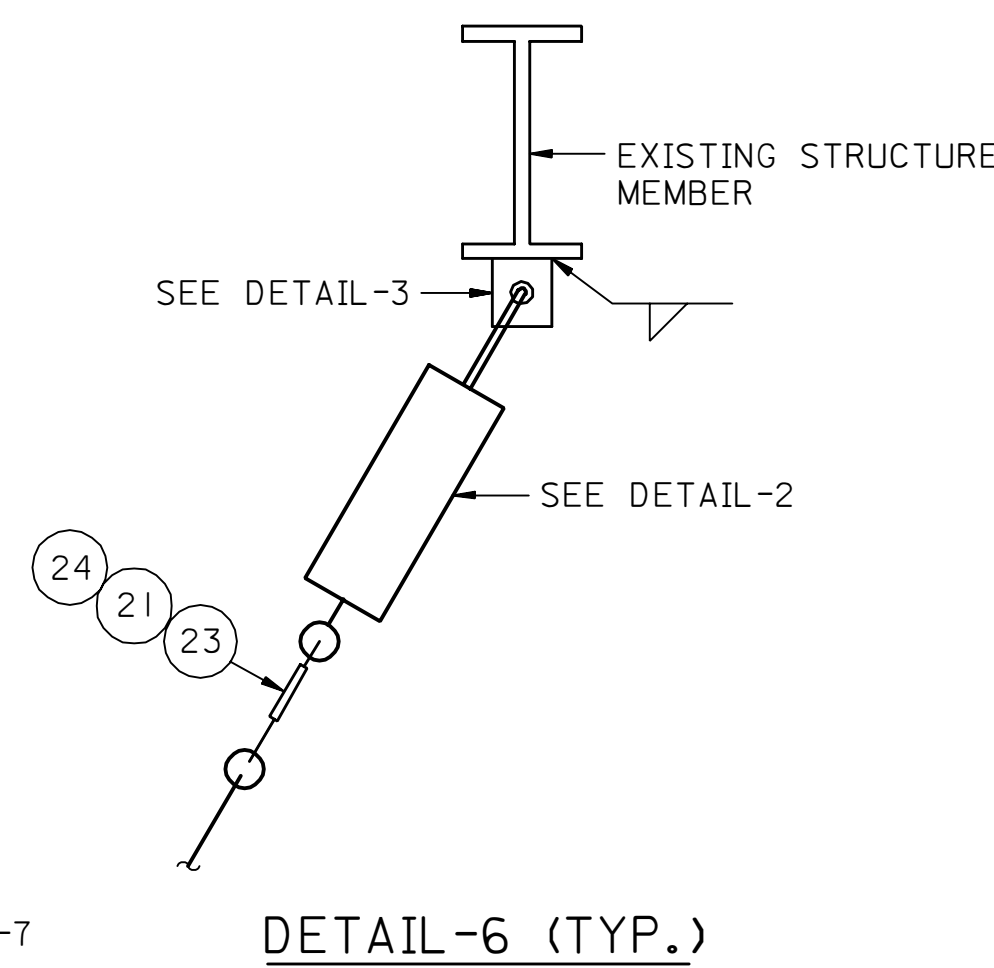
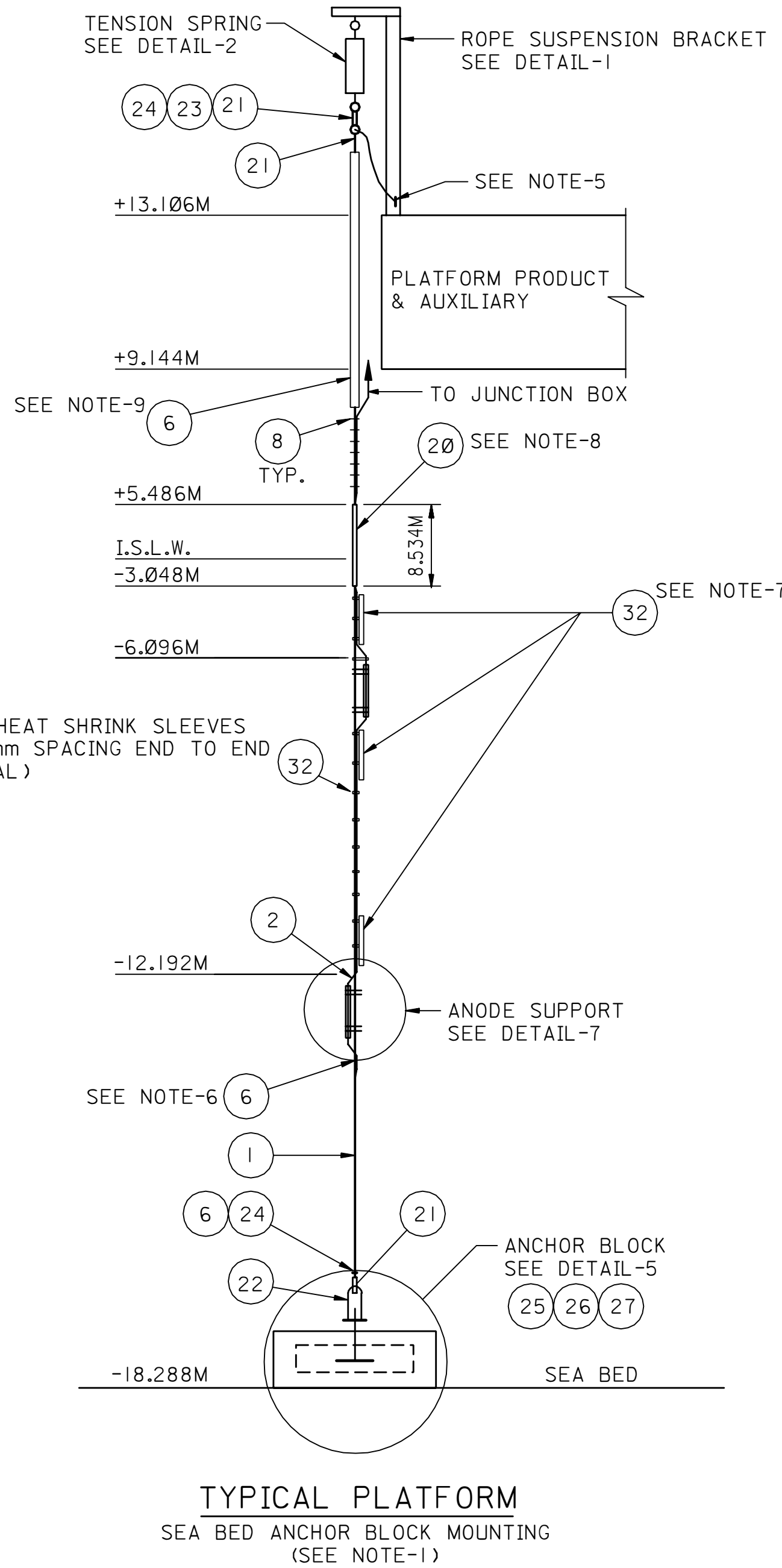
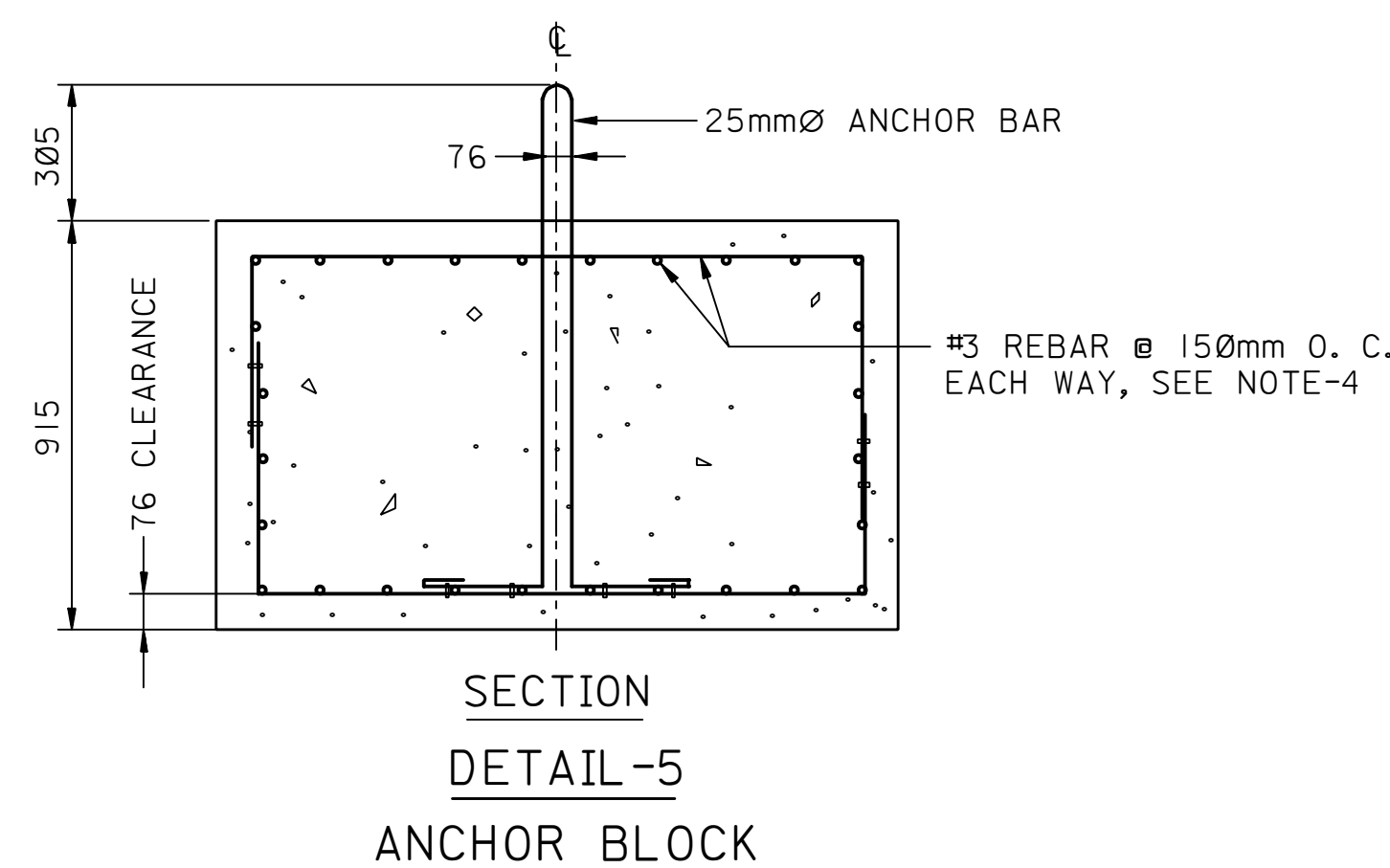
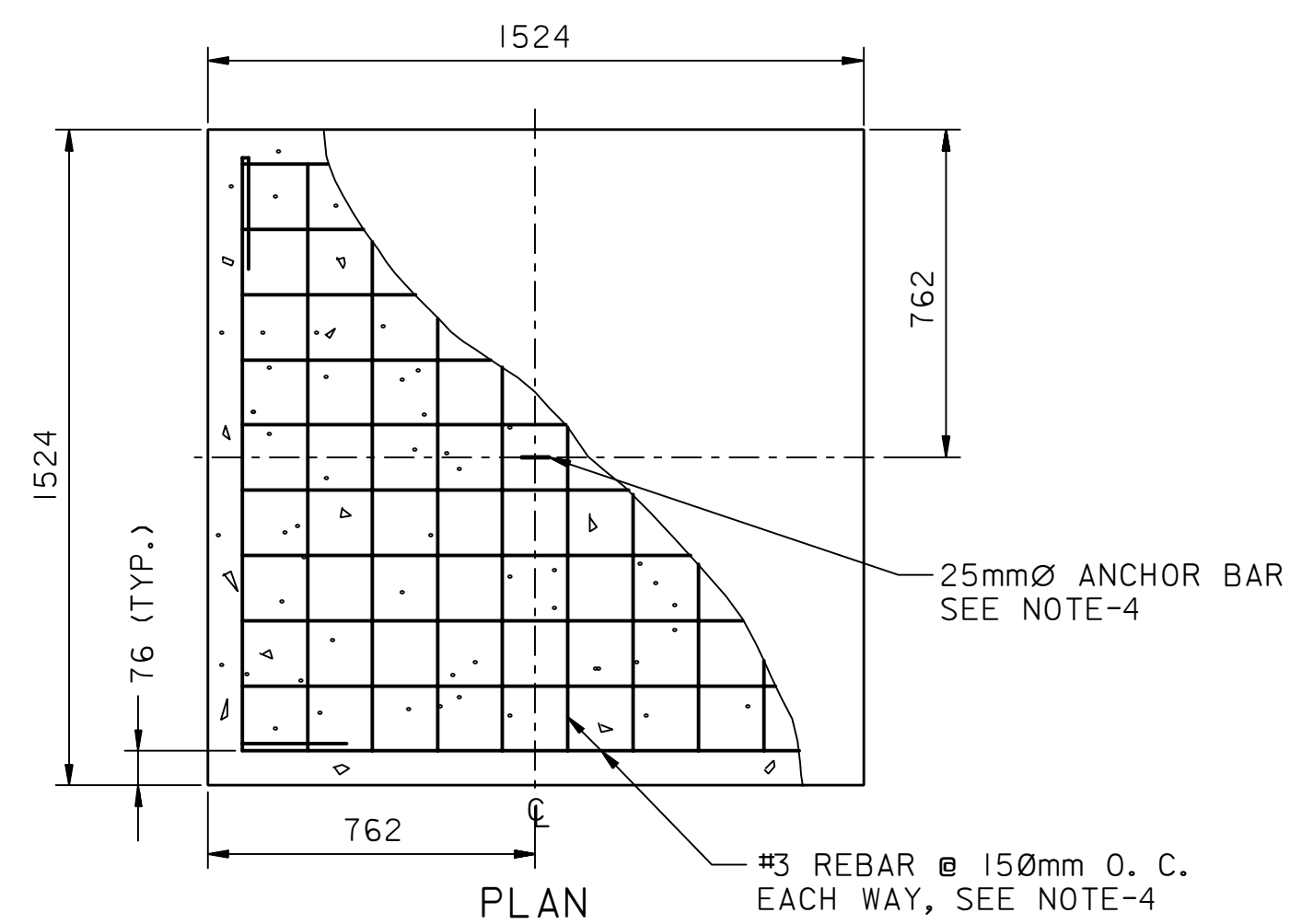
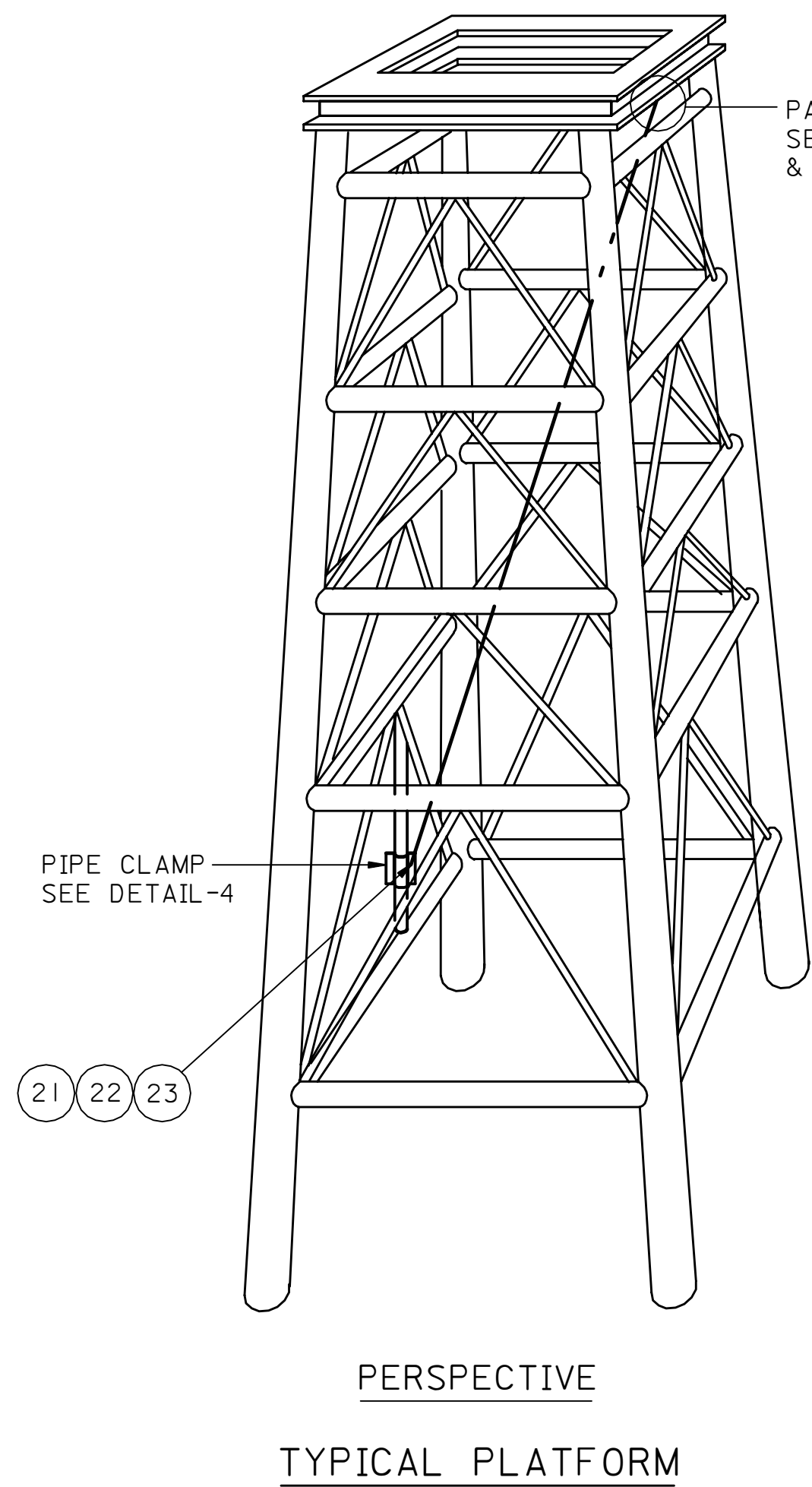
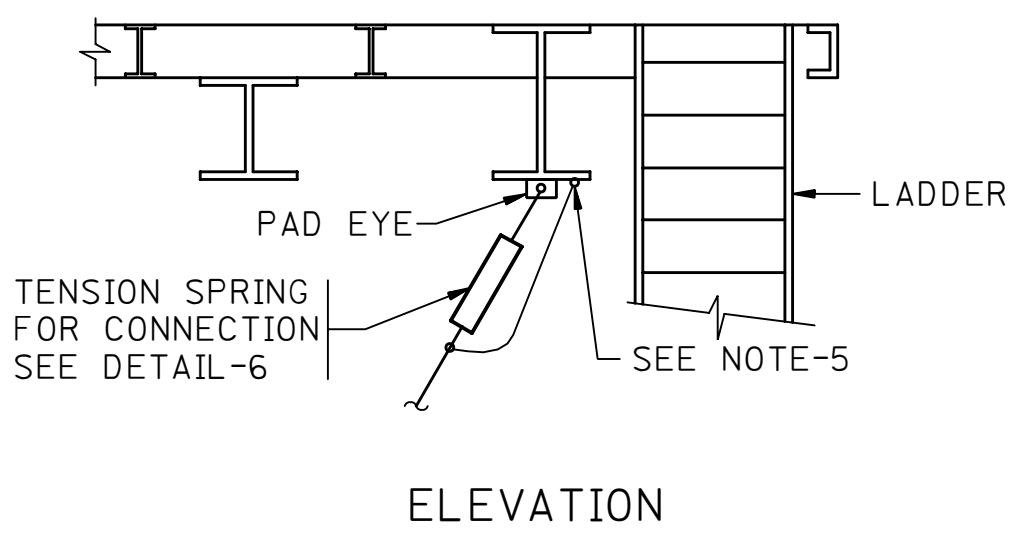
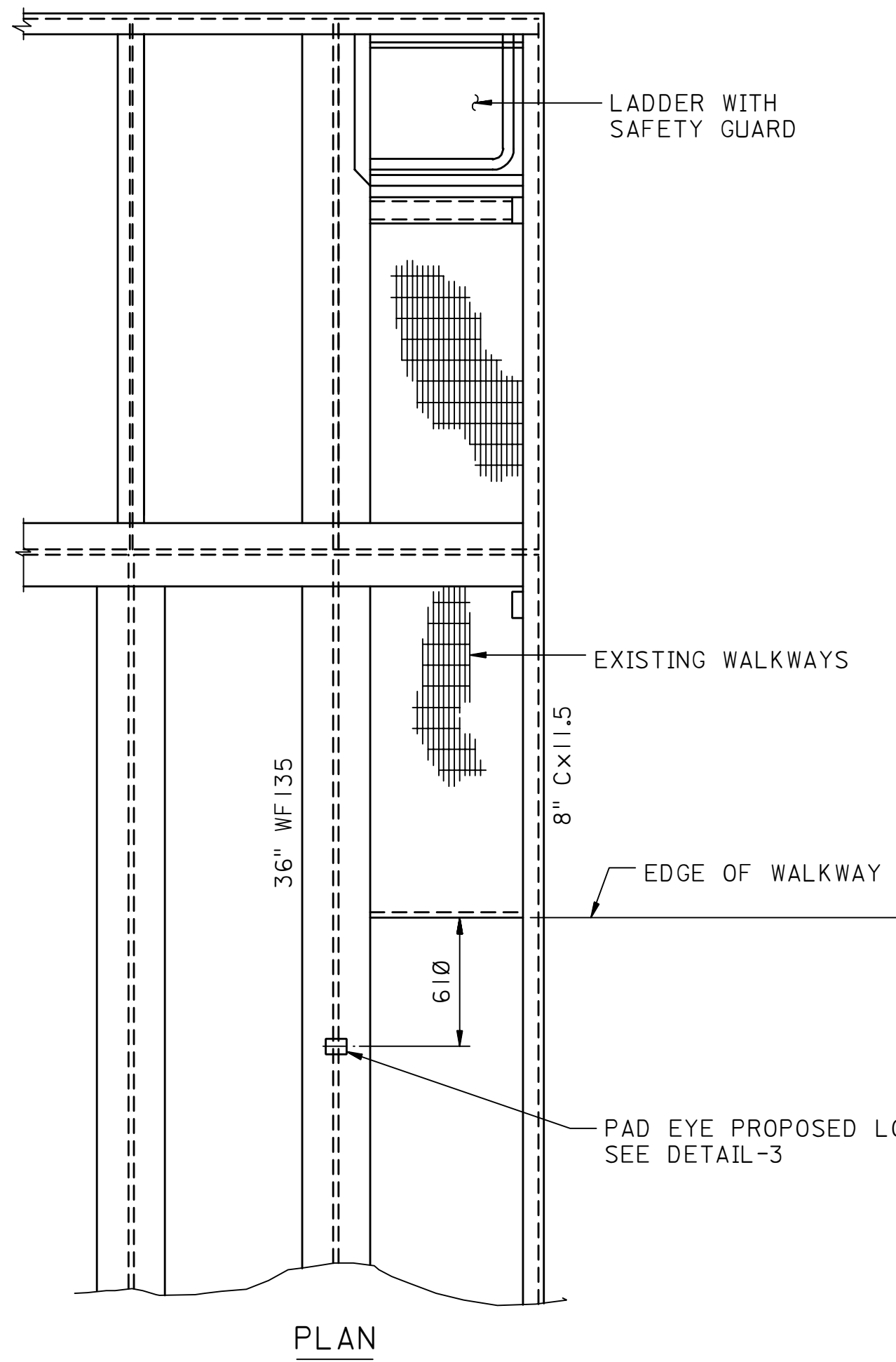




LIST OF MATERIALS		
NO.	SAMSS NO.	DESCRIPTION
1	DC	ROPE: WIRE, 9mm, PRESS BONDED
2	DC	ANODE WITH CABLE
3	DC	TEFLON TUBE: 3/4 " O.D. x 1/2 " I.D.
4	DC	TEFLON BLOCK: 1 1/2 " x 2 1/2 " x 6" LONG
5	08-940-252	RTV SEALANT (TUBE)
6	14-262-310	HEAT SHRINK SLEEVE: 9mm-27mm x 127mm LONG
7	DC	TEFLON BONDING KIT
8	15-525-022	TIES: CABLE, 203mm LONG
9	12-432-200	CHANNEL: STEEL, CH300 x 45
10	01-167-560	PIPE: STEEL, 6"Ø, GRADE B
11	01-167-415	PIPE: STEEL, 4"Ø, GRADE B
12	DC	SPRING: STL., 2.938"O.D. x 1.564" I.D. x 8" LG., 3700#
13	DC	EYEBOLT: STEEL, 18" SHANK x 1"Ø, 9800#
14	12-232-274	BAR: STEEL, 25mmØ x 3m LONG
15	12-335-479	BAR: FLAT, STEEL, 51mm x 13mm x 5.5m LONG
16	10-887-880	WASHER: FLAT, STEEL, 1" BOLT SIZE
17	08-412-468	PIN: SPRING (COTTER) 6.4mm DIA. (Ø.25")
18	DC	EYEBOLT: STEEL, 2 1/2 " SHANK x 1"Ø, 9000#
19	12-337-491	BAR: STEEL, 102mm DIA. x 5m LONG
20	14-266-415	HEAT SHRINK SLEEVE: 17.5mm-44mm x 1000mm LONG
21	07-513-515	THIMBLE: ROPE, 9.5mm ROPE DIA.
22	07-496-438	SHACKLE: ANCHOR, 25.4mm SIZE
23	07-521-188	TURNBUCKLE: STL., SAW TYPE, 19.1mm-305mm TAKE-UP
24	07-386-536	CLIP: WIRE ROPE, 9.5mm ROPE DIAMETER
25	12-720-560	BAR: REINFORCING, 12mm
26	12-720-575	BAR: REINFORCING, 25mm
27	DC	CONCRETE
28	DC	BAR: STEEL, ROUND, 2 7/8 "Ø
29	10-832-061	LOCKWASHER: STEEL SPRING TYPE; 1" BOLT SIZE
30	10-579-035	NUT: STEEL, HEX. HEAD, 1" BOLT
31	11-525-891	SET SCREW: STEEL, 5/8 "Ø x 2" (51mm) LONG
32	14-265-025	HEAT SHRINK SLEEVE: 13mm-34mm x 225mm LONG
33	DC	BONDING BOLT 16mmØ X 50mm LONG

- NOTES:
- USE CONCRETE ANCHOR BLOCKS WHERE NO STRUCTURAL CROSS-MEMBERS ARE PRESENT.
 - SIZE PIPE CLAMP INSIDE DIMETER TO SUIT OUTSIDE DIAMETER OF STRUCTURAL CROSS MEMBER.
 - THE NUMBER OF SPRINGS REQUIRED WILL DEPEND ON THE TENSION REQUIRED AT EACH PLATFORM.
 - PAINT ALL STEEL STRUCTURE TO SAPCS-22 SYSTEM INCLUDING CONCRETE REBARS.
 - ELECTRICALLY BOND WIRE ROPE TO PLATFORM.
 - APPLY HEAT SHRINK SLEEVE ON A 2-METER ROPE SECTION BELOW THE BOTTOM ANODE.
 - APPLY HEAT SHRINK SLEEVE ON A 2-METER STRING SECTIONS (ROPE & ANODE CABLE) ADJACENT TO BOTH ENDS OF ANODES.
 - APPLY HEAT SHRINK SLEEVE ON BOTH ROPE AND ANODE CABLE.
 - APPLY HEAT SHRINK SLEEVE ON ROPE SECTION EXTENDING TO ROPE EYE OF TURNBUCKLE.
 - COAT ROPE SUSPENSION BRACKET AND EXTERNAL SURFACES OF TENSION SPRING ASSEMBLY.
 - APPLY COATING AND GREASE ON TURNBUCKLE, THIMBLE AND PAD EYE.

DRAWING RESPONSIBILITY:					
CATHODIC PROTECTION STANDARDS COMMITTEE					
02	NOV99	EDSD WED	GENERAL REVISION		
01	MAY94	EDSD RCR	CHANGED INDEX FROM "A" TO "X".	ORIGINAL SIGNED	ORIGINAL SIGNED
REV. NO.	DATE	BY	DESCRIPTION	CHKD.	CERT. APPD.
SAUDI ARABIAN OIL COMPANY					
DRAWN BY: EDSD/RCR CHECKED BY: SCALE: NONE					
DATE STARTED: 02-27-93 DATE COMPLETED: 03-20-93					
OPRG. DEPT. ENG. DEPT.					
APPD. FOR CONST.					
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNLESS CERTIFIED AND DATED					
CATHODIC PROTECTION TENSION SPRING & ROPE IMPRESSED CURRENT OFFSHORE ANODE					
STD. DWG. METRIC					
PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.	
9900	X	AA-036780	001	02	