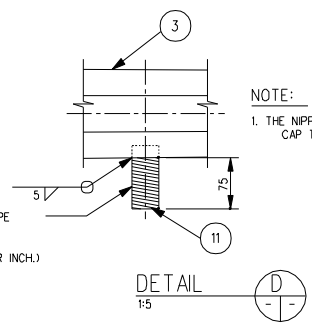


EXTENSION ARM ELEVATION
SCALE: 1:20

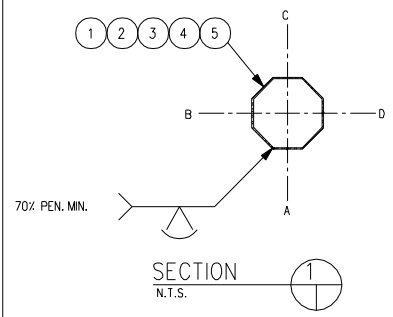
STOCK CODE	DESCRIPTION	DIM. 'A'	DIM. 'B'
40131	2.5 m SIGNAL ARM	2500	2300
40132	3.5 m SIGNAL ARM	3500	3300
17904	5.0 m SIGNAL ARM	5000	4800
17897	3.0 m CORRIDOR ARM	3000	2100
17898	4.5 m CORRIDOR ARM	4500	3600



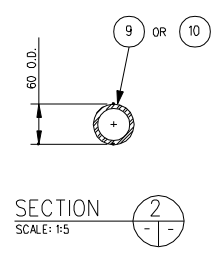
NOTE:
1. THE NIPPLE SHOULD BE FITTED WITH A SCREW-ON GALVANIZED CAP TO PROTECT THREAD IN TRANSIT AND STORAGE.

48.3 O.D. x 3.68 PIPE WITH 4.5 THREADS PER CENTIMETRE (1 1/2 THREADS PER INCH.)

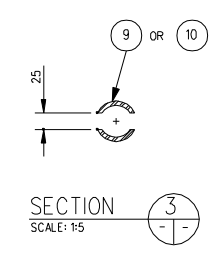
DETAIL D
SCALE: 1:5



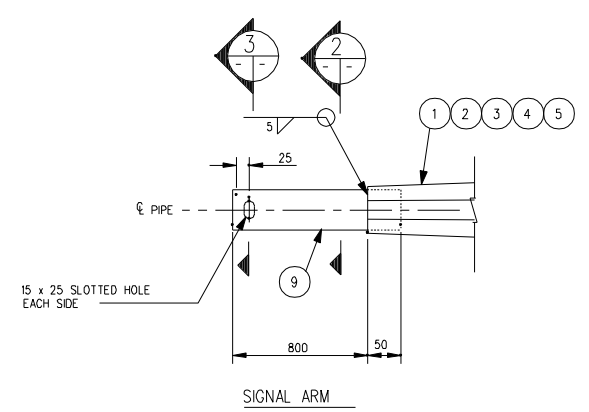
SECTION 1
N.T.S.



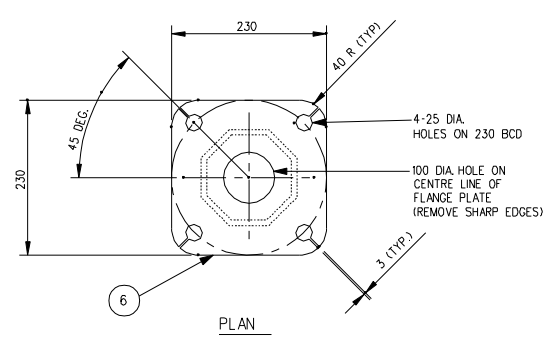
SECTION 2
SCALE: 1:5



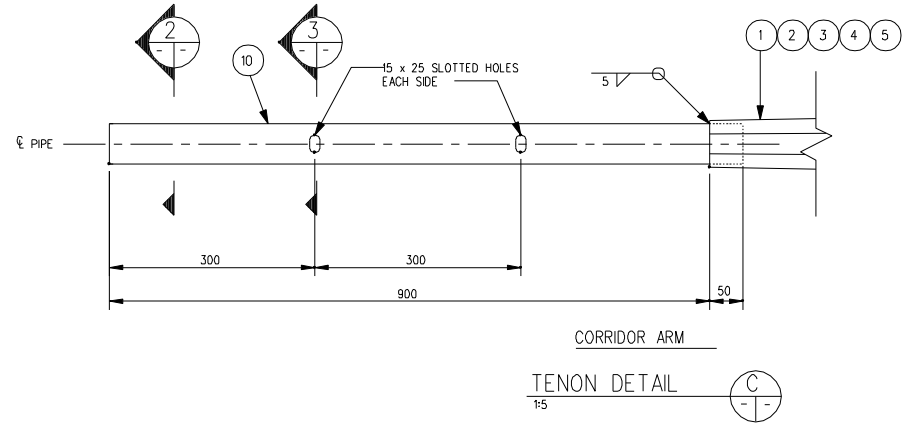
SECTION 3
SCALE: 1:5



SIGNAL ARM

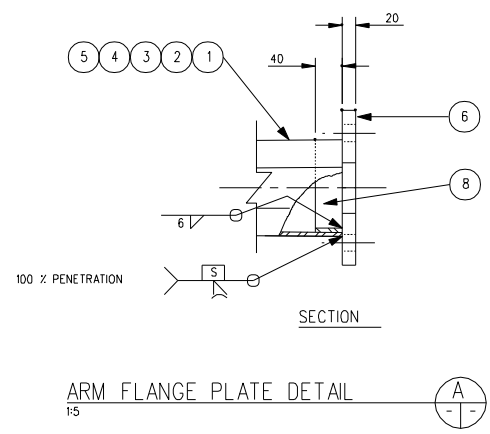


PLAN

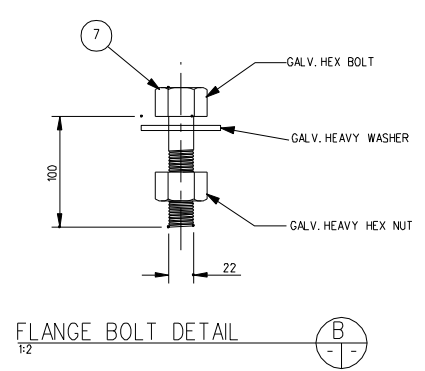


CORRIDOR ARM

TENON DETAIL C
SCALE: 1:5



ARM FLANGE PLATE DETAIL A
SCALE: 1:5



FLANGE BOLT DETAIL B
SCALE: 1:2

- NOTES:
- ALL MATERIALS, EXCEPT STAINLESS STEEL ITEMS, SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH C.S.A. STANDARD G164 WITH NET RETENTION OF 600 g/m.²
 - STAMP FLANGE PLATES WITH 'STOCK CODE NUMBER'.
 - SHIP WITH BOLTS C/W NUTS AND WASHERS IN FLANGE.

BILL OF MATERIALS

MK. NO.	QTY. REQ'D.	DESCRIPTION	SIZE	MATERIAL (G40.21-M-300W U/N)	REMARKS	LINE NO.
		2.5 m LONG EXTENSION ARM-SIGNAL	ARM			1
1	1	OCTAGONAL SECTION SHAFT	165 A/F-75 A/F x 6.350 x 2280			2
6	1	FLANGE PLATE	20 x 230 x 230			3
7	4	FLANGE BOLTS	22 DIA. x 100	ASTM A325	GALV.	4
8	1	BACK-UP STRIP PLATE	6 x 40 x 420			5
9	1	PIPE TENON	60.3 O.D. x 3.91 x 250	SCH.40 ASTM A53 GR. B	SEE DETAL C	6
						7
						8
		3.5 m LONG EXTENSION ARM-SIGNAL	ARM			9
2	1	OCTAGONAL SECTION SHAFT	165 A/F-75 A/F x 6.350 x 3280			10
6	1	FLANGE PLATE	20 x 230 x 230			11
7	4	FLANGE BOLTS	22 DIA. x 100	ASTM A325	GALV.	12
8	1	BACK-UP STRIP PLATE	6 x 40 x 420			13
9	1	PIPE TENON	60.3 O.D. x 3.91 x 250	SCH.40 ASTM A53 GR. B	SEE DETAL C	14
						15
						16
						17
		5.0 m LONG EXTENSION ARM-SIGNAL	ARM			18
3	1	OCTAGONAL SECTION SHAFT	165 A/F-75 A/F x 6.350 x 4780			19
6	1	FLANGE PLATE	20 x 230 x 230			20
7	4	FLANGE BOLTS	22 DIA. x 100	ASTM A325	GALV.	21
8	1	BACK-UP STRIP PLATE	6 x 40 x 420			22
9	1	PIPE TENON	60.3 O.D. x 3.91 x 250	SCH.40 ASTM A53 GR. B	SEE DETAL C	23
11	1	NIPPLE	48.3 O.D. x 3.68 x 100	SCH.40 ASTM A53 GR. B	SEE DETAL D	24
						25
						26
		3.0 m LONG EXTENSION ARM-CORRIDOR ARM				27
4	1	OCTAGONAL SECTION SHAFT	165 A/F-75 A/F x 6.350 x 2080			28
6	1	FLANGE PLATE	20 x 230 x 230			29
7	4	FLANGE BOLTS	22 DIA. x 100	ASTM A325	GALV.	30
8	1	BACK-UP STRIP PLATE	6 x 40 x 420			31
10	1	PIPE TENON	60.3 O.D. x 3.91 x 950	SCH.40 ASTM A53 GR. B	SEE DETAL C	32
						33
						34
		4.5 m LONG EXTENSION ARM-CORRIDOR ARM				35
5	1	OCTAGONAL SECTION SHAFT	165 A/F-75 A/F x 6.350 x 3580			36
6	1	FLANGE PLATE	20 x 230 x 230			37
7	4	FLANGE BOLTS	22 DIA. x 100	ASTM A325	GALV.	38
8	1	BACK-UP STRIP PLATE	6 x 40 x 420			39
10	1	PIPE TENON	60.3 O.D. x 3.91 x 950	SCH.40 ASTM A53 GR. B	SEE DETAL C	40
						41
						42

DATE	BY	DESCRIPTION

TRAFFIC SIGNAL AND PEDESTRIAN CORRIDOR STRUCTURES
TYPE 3 AND TYPE 4 MEDIUM SERIES DAVITS EXTENSION ARMS
2.5 m, 3.5 m, AND 5.0 m SIGNAL ARM
3.0 m AND 4.5 m CORRIDOR ARM



ACCEPTED BY:	DATE
TRAFFIC OPERATIONS ENGINEER	
APPROVED BY:	DATE
PROJECT ENGINEER	
DESIGN	BY: S.S.R. / CHECKED: S.S.R.
DETAILS	BY: N.B.G. / TRACED: N.B.G. / CHECKED: S.S.R.
SCALE: AS SHOWN	COMPONENT NO. E-016 J
	SHEET No. 59