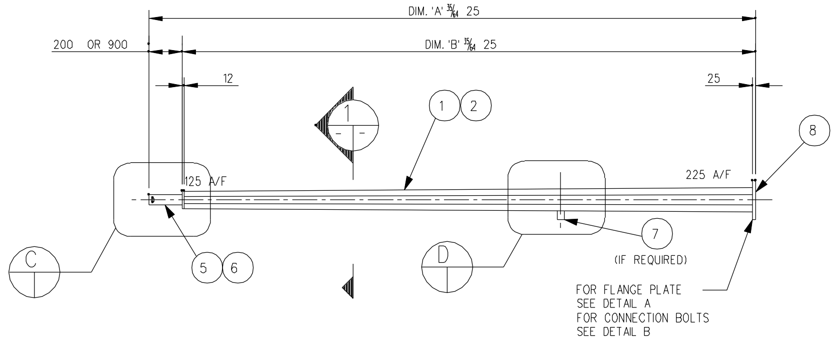
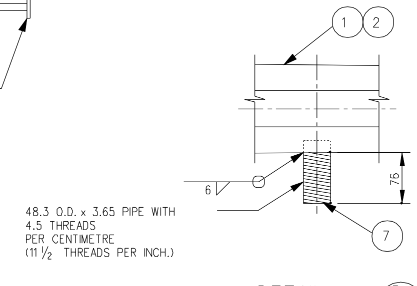


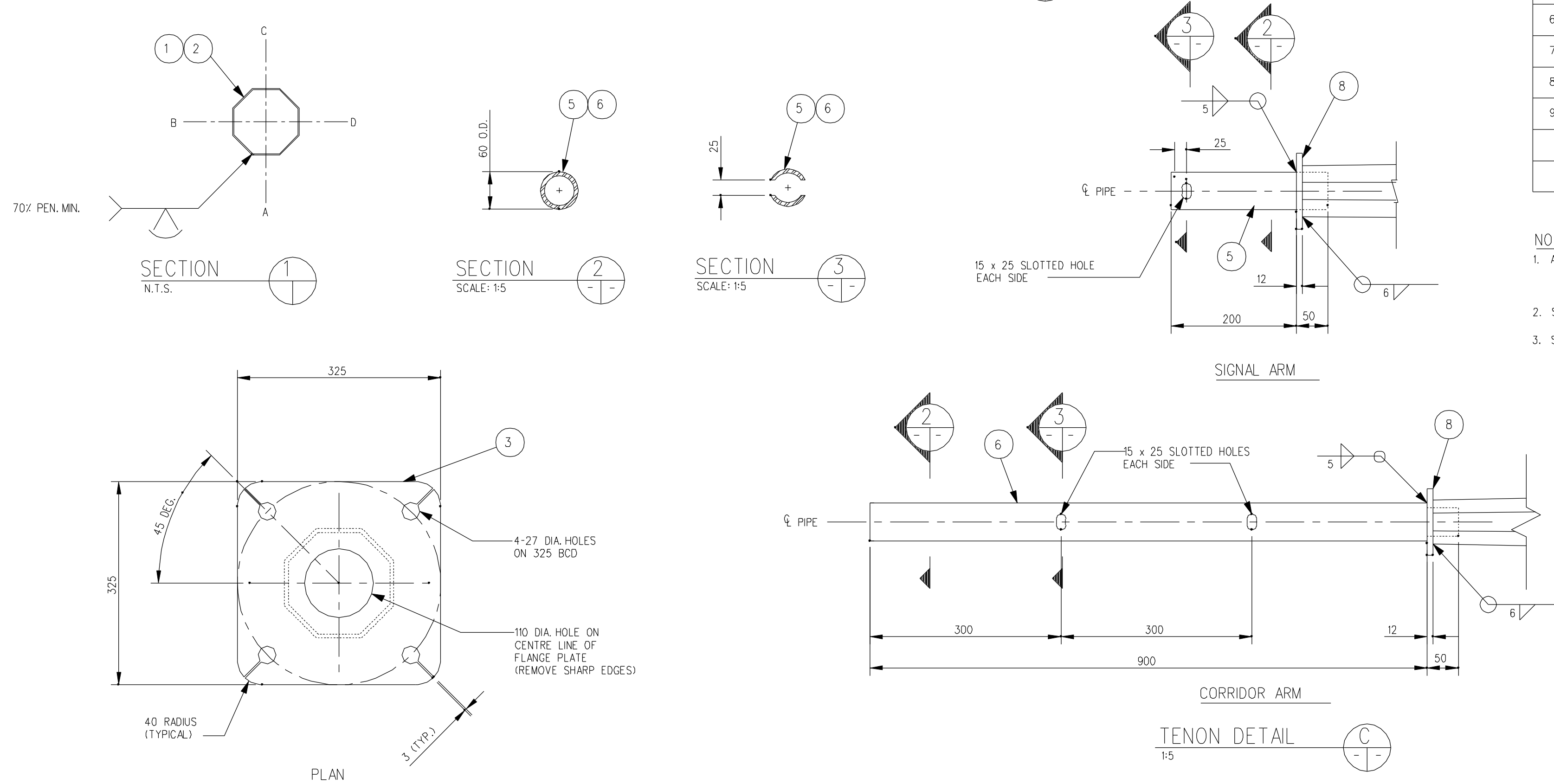
EXTENSION ARM ELEVATION
SCALE: 1:20

STOCK CODE	DESCRIPTION	DIM. 'A'	DIM. 'B'
40243	6.7m CORRIDOR ARM	6700	5800
40245	6.7m SIGNAL ARM	6700	6500
40242	8.2m CORRIDOR ARM	8200	7300
40244	8.2m SIGNAL ARM	8200	8000

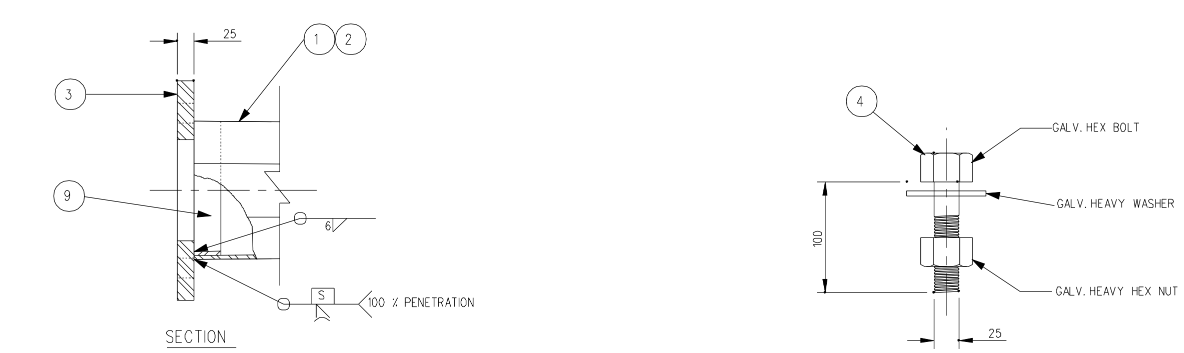


NOTE:
1. THE NIPPLE SHOULD BE FITTED WITH A SCREW-ON GALVANIZED CAP TO PROTECT THREAD IN TRANSIT AND STORAGE.

DETAIL D
1:5



TENON DETAIL C
1:5



ARM FLANGE PLATE DETAIL A
1:5

FLANGE BOLT DETAIL B
1:2

BILL OF MATERIALS

MK. NO.	QTY. REQ'D.	DESCRIPTION	SIZE	MATERIAL (G40.21-M-350W U/N)	REMARKS	LINE NO.
		6.7 m LONG ARM EXTENSION-CORRIDOR / SIGNAL ARM				1
1	1	OCTAGONAL SECTION SHAFT	225 A/F-125 A/F x 6.350		CORR. ARM 5763 LONG SIGNAL ARM 6463 LONG	2
3	1	FLANGE PLATE	25 x 325 x 325	G40.21-M-300W		3
4	4	FLANGE BOLTS	25 DIA. x 100	ASTM A325	GALV.	4
5	1	PIPE TENON	60.3 O.D. x 3.91 x 250	SCH.40 ASTM A53 GR. B	FOR SIGNAL ARM ONLY SEE DETAIL C	5
6	1	PIPE TENON	60.3 O.D. x 3.91 x 950	SCH.40 ASTM A53 GR. B	FOR CORRIDOR ARM ONLY SEE DETAIL C	6
7	1	NIPPLE	48.3 O.D. x 3.65 x 100	SCH.40 ASTM A53 GR. B		7
8	1	TENON PLATE	12 x 175 DIA.			8
9	1	BACK-UP STRIP PLATE	6 x 40			9
						10
		8.2 m LONG ARM EXTENSION-CORRIDOR / SIGNAL ARM				11
2	1	OCTAGONAL SECTION SHAFT	225 A/F-125 A/F x 6.350		CORR. ARM 7263 LONG SIGNAL ARM 7963 LONG	12
3	1	FLANGE PLATE	25 x 325 x 325	G40.21-M-300W		13
4	4	FLANGE BOLTS	25 DIA. x 100	ASTM A325	GALV.	14
5	1	PIPE TENON	60.3 O.D. x 3.91 x 250	SCH.40 ASTM A53 GR. B	FOR SIGNAL ARM ONLY SEE DETAIL C	15
6	1	PIPE TENON	60.3 O.D. x 3.91 x 950	SCH.40 ASTM A53 GR. B	FOR CORRIDOR ARM ONLY SEE DETAIL C	16
7	1	NIPPLE	48.3 O.D. x 3.65 x 100	SCH.40 ASTM A53 GR. B		17
8	1	TENON PLATE	12 x 175 DIA.			18
9	1	BACK-UP STRIP PLATE	6 x 40			19
						20
						21

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

REVISIONS

DATE	BY	DESCRIPTION

TRAFFIC SIGNAL AND PEDESTRIAN CORRIDOR STRUCTURES

TYPE 10 HEAVY SERIES COMBINATION DAVIT EXTENSION ARMS

6.7 m AND 8.2 m LONG

DILLON CONSULTING
CONSULTANT PROJECT NO.
98-5973-02

PROVINCE OF MANITOBA
S.S. RIHAL
REGISTERED PROFESSIONAL ENGINEER

Manitoba Highways and Transportation
Traffic Engineering Branch

PROJECT ENGINEER
DESIGN — BY: S.S.R. — CHECKED: S.S.R.
DETAILS — BY: N.B.G. — TRACED: N.B.G. — CHECKED: S.S.R.

ACCEPTED BY:
TRAFFIC OPERATIONS ENGINEER — DATE
APPROVED BY:
DIRECTOR OF TRAFFIC ENGINEERING — DATE

SCALE: AS SHOWN
COMPONENT NO. E-016 V
SHEET No. S16

ACAD FILE: C:\CAD\985973\MANHWY\AUTOCAD\STRUCTURE_DWG\S16_16V.DWG 02/22/00