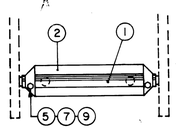
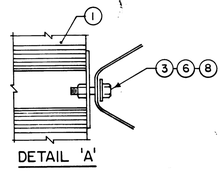
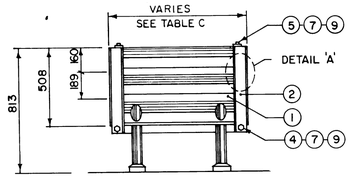
NOTES
TORQUE (3) TO 67.8 - 135.6 Nm



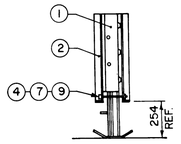
TOP VIEW



DETAIL 'A'



FRONT VIEW



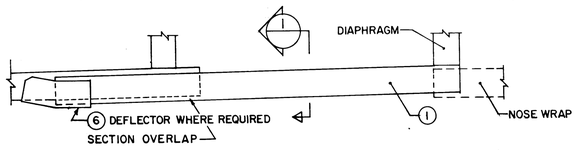
SIDE VIEW

DIAPHRAGM ASSEMBLY DETAIL

(FOR HEX-FOAM CARTRIDGE) SCALE 1:20

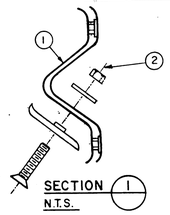
DIAPHRAGM ASSEMBLY PARTS LIST		
ITEM	STOCK NO.	DESCRIPTION
1	27-20-033	DIAPHRAGM
2	27-52-581	CARTRIDGE SUPPORT BRACKET
3	27-01-381	3/4" Ø x 2" H.H. BOLT
4	27-00-071	3/8" Ø x 5" H.H. BOLT
5	27-01-221	3/8" Ø x 1" H.H. BOLT
6	27-04-091	3/4" H.H. NUT
7	27-04-031	3/8" H.H. NUT
8	27-08-081	3/4" FLAT WASHER
9	27-08-021	3/8" FLAT WASHER

THRIE BEAM FENDER PANEL ASSEMBLY PARTS LIST		
ITEM	STOCK NO.	DESCRIPTION
	35-05-05	ASSEMBLY
1	27-38-111	THRIE BEAM FENDER PANEL
2	27-52-013	MUSHROOM BOLT ASSEMBLY
3		
4		
5		
6	27-52-031	DEFLECTOR PANEL
7	27-06-181	1/2" x 1" FLAT HEAD CAP SCREW
8	27-52-651	MUSHROOM BOLT DEFLECTOR
9	27-08-011	1/2" FLAT WASHER
10	27-04-011	1/2" H.H. NUT



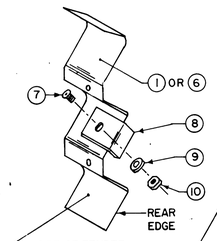
TOP ASSEMBLY VIEW

NOTES
SPRAY ALL HOLES DRILLED IN FIELD WITH GALVANIZING COMPOUND

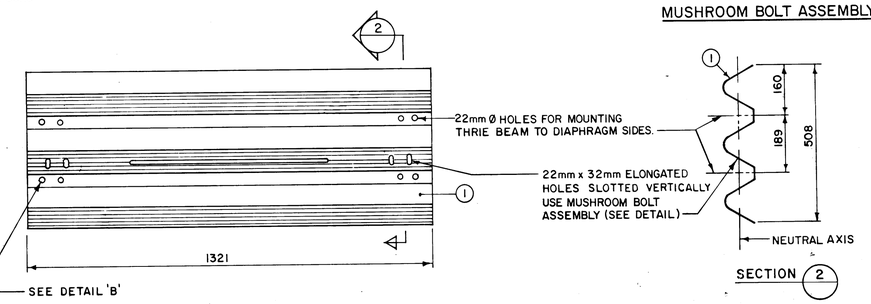


SECTION (1) N.T.S.

MUSHROOM BOLT ASSEMBLY DETAIL



DETAIL 'B'



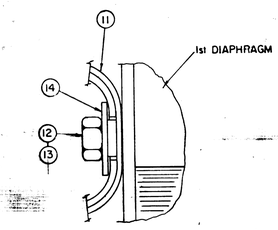
SIDE VIEW

SECTION (2)

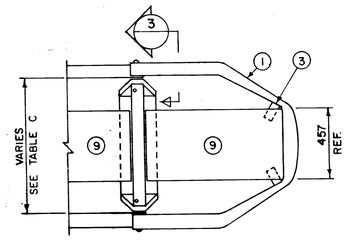
THRIE BEAM FENDER PANEL ASSEMBLY DETAILS

(TYPICAL FOR EACH FENDER PANEL) SCALE 1:10

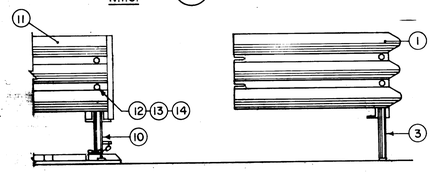
NOSE COVER ASSEMBLY PARTS LIST		
ITEM	STOCK NO.	DESCRIPTION
	35-02-07	ASSEMBLY
1	20-20-271	NOSE COVER
2		
3	27-14-421	SUPPORT LEGS
4		
5	27-08-011	1/2" FLAT WASHER
6		
7		
8		
9	35-09-50	TYPE 50 HEX-FOAM CARTRIDGE
10	27-20-033	DIAPHRAGM
11	27-38-111	THRIE BEAM FENDER PANEL
12	27-01-381	3/4" Ø x 2" H.H. BOLT
13	27-04-091	3/4" H.H. NUT
14	27-08-081	3/4" FLAT WASHER



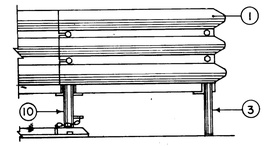
SECTION (3) N.T.S.



TOP VIEW



PRE-ASSEMBLY



SIDE VIEW

NOSE COVER ASSEMBLY DETAILS

(USING HEX-FOAM CARTRIDGES) SCALE 1:20

B-5539-15

REID, CROWTHER & PARTNERS LIMITED
WINNIPEG
AS CONSTRUCTED
SIG. ... DATE. 85-12-18

FOR THIS PROJECT:
CONCRETE MEDIAN BARRIER BACKUP USED.
3-BAY, 0.610m WIDE
(BI-DIRECTIONAL TRAFFIC)

NO	REVISIONS	DATE	APP.
2	AS CONSTRUCTED	NOV'85	
1	DETAIL CHANGES	84-03-23	

A.M
ENGINEER'S SEAL

DESIGNED BY:
DRAWN BY: Ross L.
CHECKED BY: KJG
DATE:
APPROVED BY: DATE: 84 03 28

THE CITY OF WINNIPEG
WORKS & OPERATIONS DIVISION
STREETS & TRANSPORTATION DEPARTMENT

RUE ARCHIBALD UNDERPASS
GUARDRAIL ENERGY ABSORBING TERMINAL (G.R.E.A.T.) BARRIER - FOR USE WITH CONCRETE MEDIAN TRAFFIC BARRIER
SHEET 2 OF 2

AUTHORIZED BY: STREETS & BRIDGES ENGINEER DATE 1983-10-07
ACCEPTED BY: BRIDGE ENGINEER DATE 83 10 06
SCALE: AS SHOWN
DRAWING NO. U205-85-15
STANDARD DETAIL CW-307-2

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
EXCEPT PARTS LIST

R.C.P.L. No. 60709-16