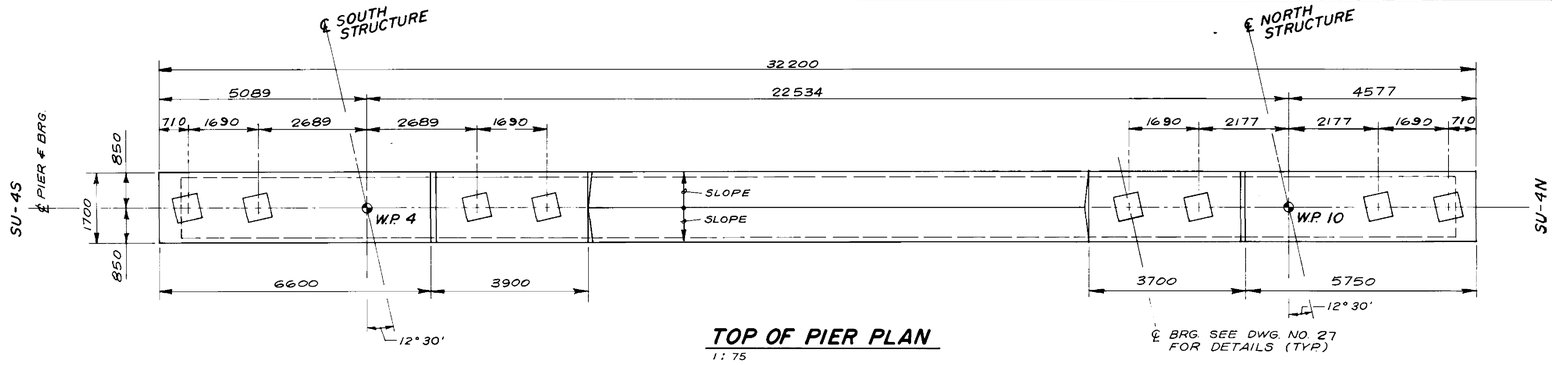
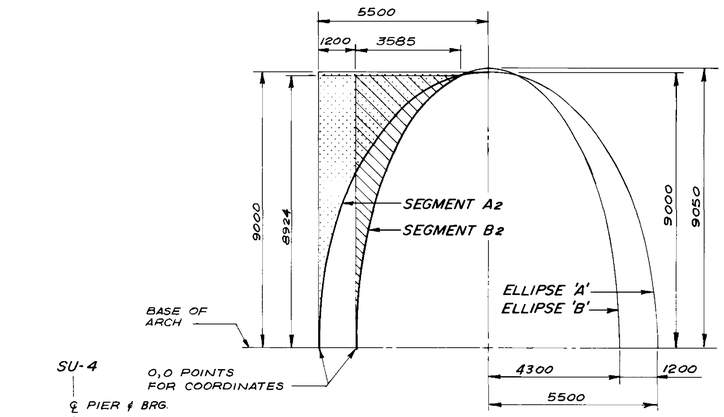
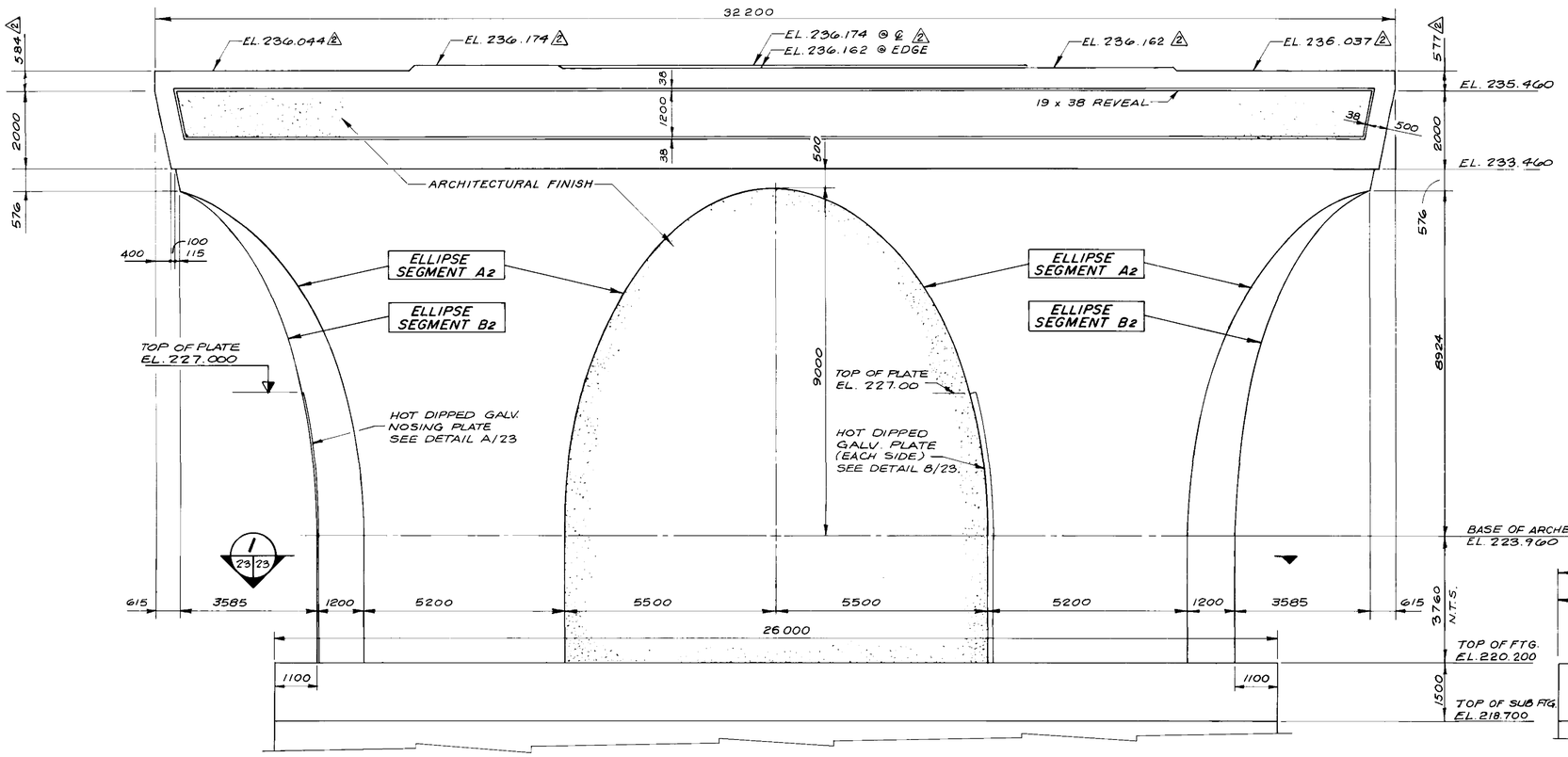
WO 101-84



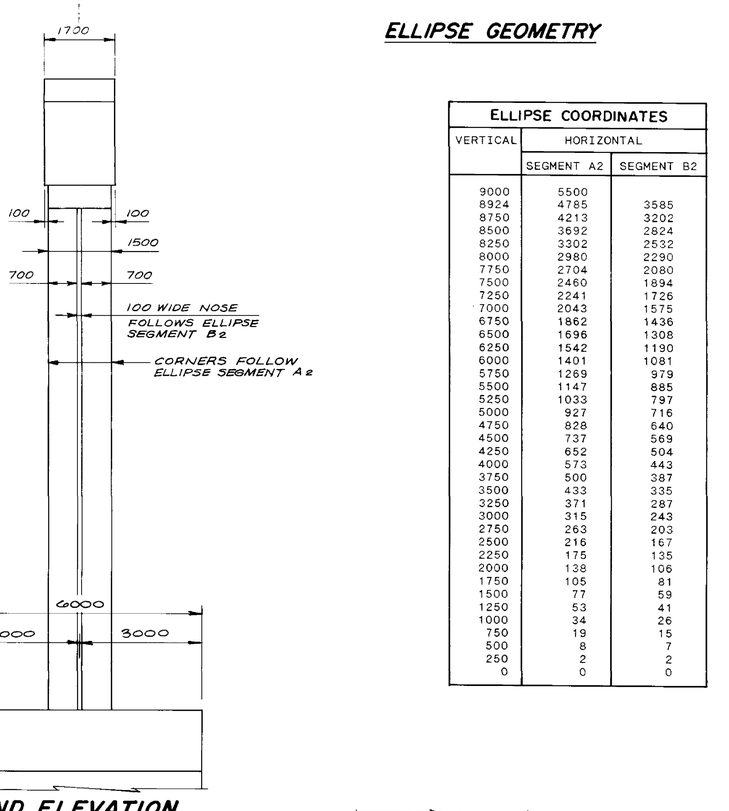
TOP OF PIER PLAN
1:75



ELLIPSE GEOMETRY

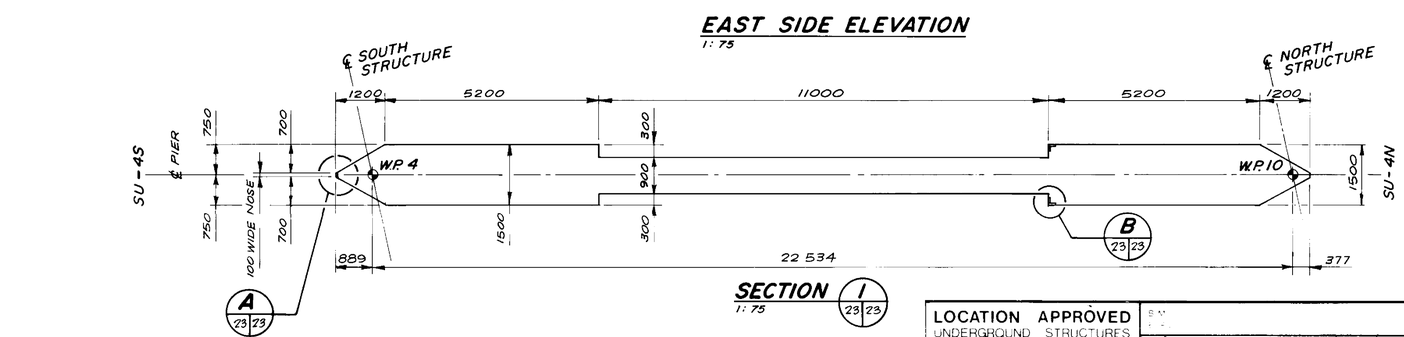


EAST SIDE ELEVATION
1:75

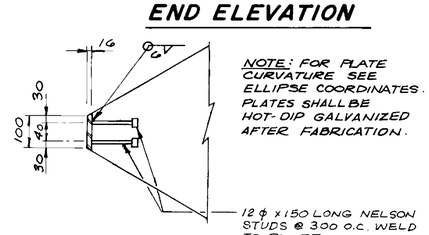


END ELEVATION

ELLIPSE COORDINATES		
VERTICAL	HORIZONTAL	
	SEGMENT A2	SEGMENT B2
9000	5500	
8924	4785	3585
8750	4213	3202
8500	3692	2824
8250	3302	2532
8000	2980	2290
7750	2704	2080
7500	2460	1894
7250	2241	1726
7000	2043	1575
6750	1862	1436
6500	1696	1308
6250	1542	1190
6000	1401	1081
5750	1269	979
5500	1147	885
5250	1033	797
5000	927	716
4750	828	640
4500	737	569
4250	652	504
4000	573	443
3750	500	387
3500	433	335
3250	371	287
3000	315	243
2750	263	203
2500	216	167
2250	175	135
2000	138	106
1750	105	81
1500	77	59
1250	53	41
1000	34	26
750	19	15
500	8	7
250	2	2
0	0	0

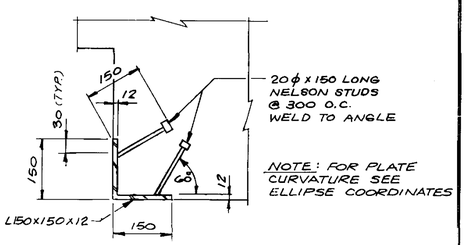


SECTION I 23 23
1:75



DETAIL A 23 23
1:10

✱19, 23



DETAIL B 23 23
N.T.S.

✱19, 23

LOCATION APPROVED
UNDERGROUND STRUCTURES
N.A.
SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN NOR THAT THE EXISTING UTILITIES ARE EXACTLY WHERE SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY ALL UTILITIES AND AGENCIES CONCERNED FOR THE EXACT LOCATION OF THEIR PLANT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

RECORD DRAWING
APPROVED BY: 90.11.28 DATE

NO.	REVISIONS	DATE	BY
⚠2	BEARING HEIGHTS CHANGED	19/6/89	
⚠1	BRIDGE RAISED TO INCREASE NAVIGATION CLEARANCE	23/6/89	

DILLON
Consulting Engineers • Planners
Environmental Scientists

DET. DWG. BY	D.S.	CHECKED BY	S.S.R.
DRAWN BY	W.P.S.	APPROVED BY	
HOR. SCALE	AS SHOWN	AUTHORIZED BY	1989-09-07 STREETS & BRIDGE ENGINEER - DATE
VERT. CAL.		ACCEPTED BY	89 09 07 BRIDGE ENGINEER DATE
DATE	MAR. 1989	CONSULTANT DRAWING NO.	

PROVINCE OF MANITOBA
24/2/89
S. S. RIHAL
REGISTERED ENGINEER

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

KILDONAN CORRIDOR BRIDGE
STEEL GIRDER ALTERNATIVE
RIVER PIER SU-4
SHEET 1 OF 2

CITY DRAWING NUMBER: 8216-89-23S
SHEET OF
B-5828-25

M.M.D. 1572-04