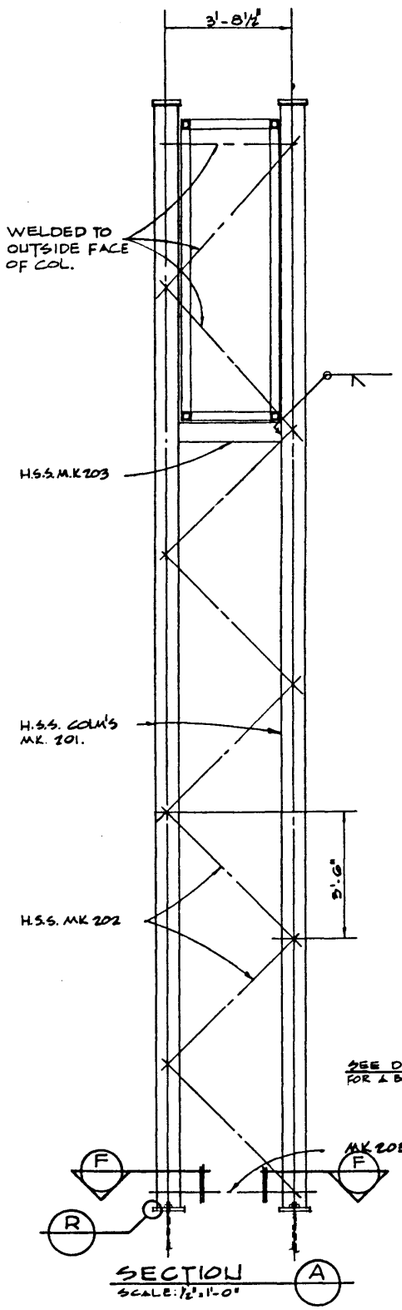
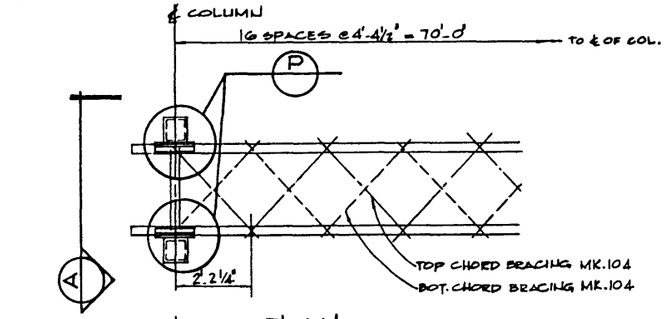
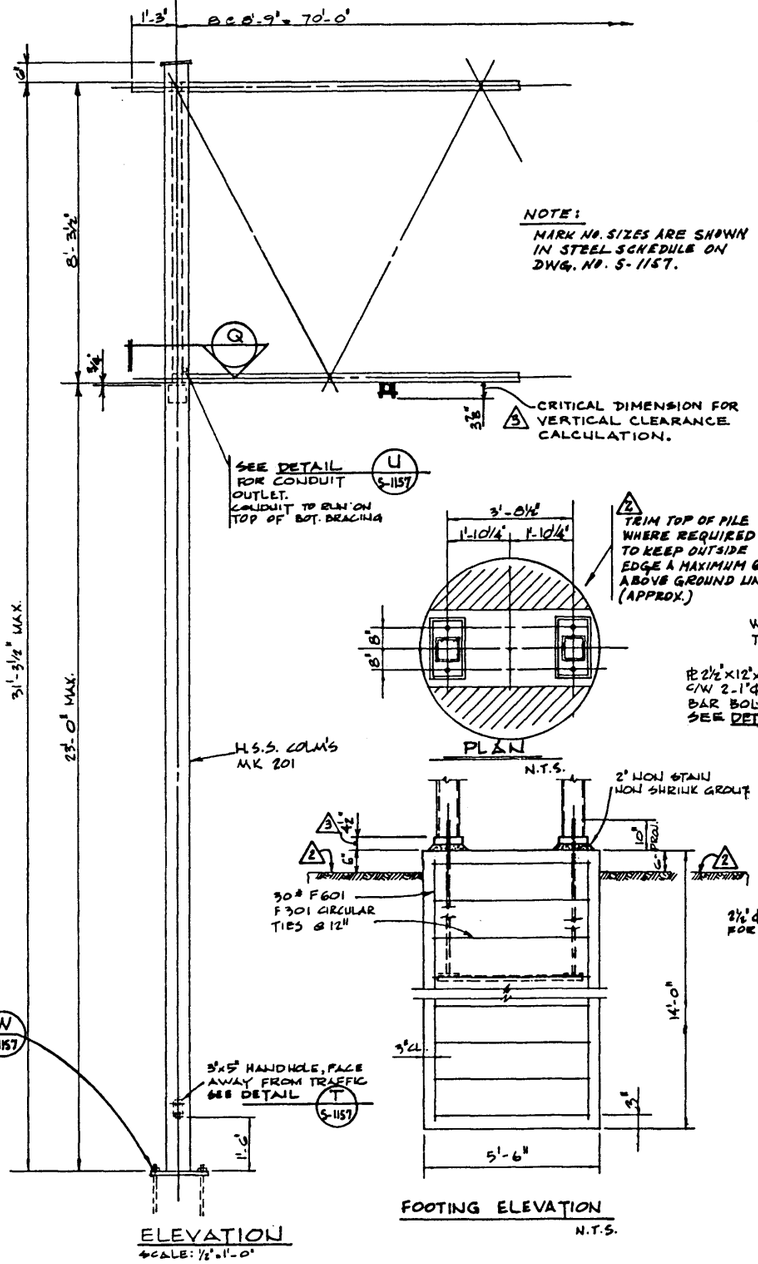


SECTION
SCALE: ½"=1'-0"



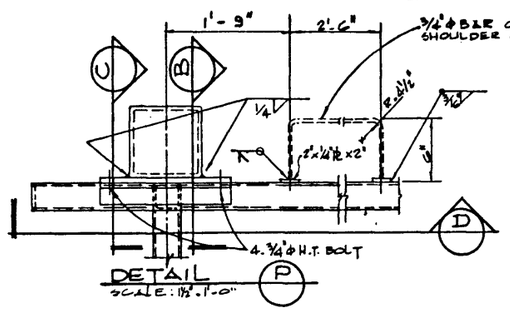
PLAN
SCALE: ½"=1'-0"



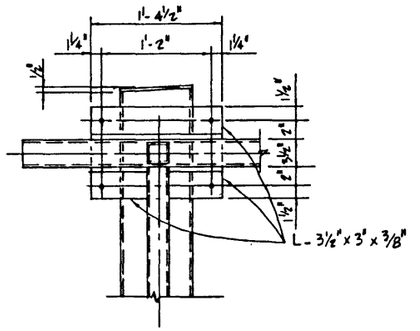
ELEVATION
SCALE: ½"=1'-0"

NOTE:
MARK NO. SIZES ARE SHOWN IN STEEL SCHEDULE ON DWG. NO. S-1157.

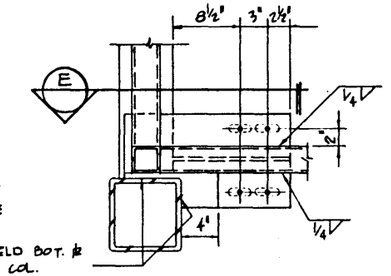
FOOTING ELEVATION
N.T.S.



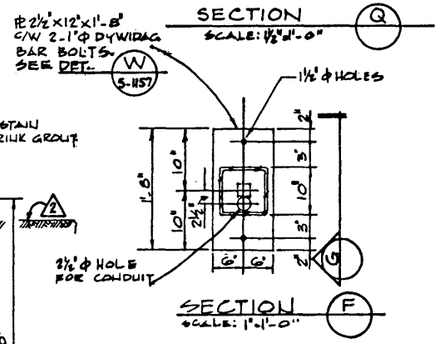
DETAIL
SCALE: 1½"=1'-0"



SECTION D
SCALE: 1½"=1'-0"

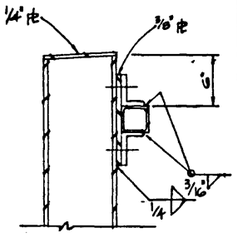


SECTION Q
SCALE: 1½"=1'-0"

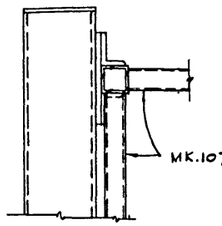


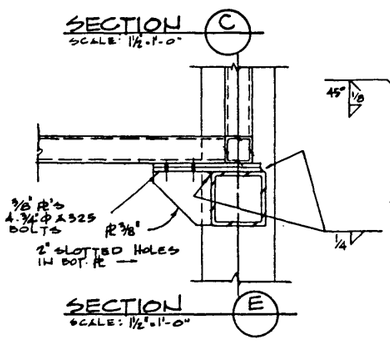
SECTION F
SCALE: 1"=1'-0"

NOTE: FOUNDATIONS SHALL NOT BE INSTALLED IN SOFT CLAY, LOOSE ORGANIC SAND AND SILT OR SIMILAR SOIL.

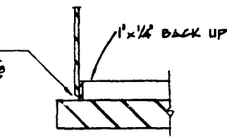


SECTION B
SCALE: 1½"=1'-0"

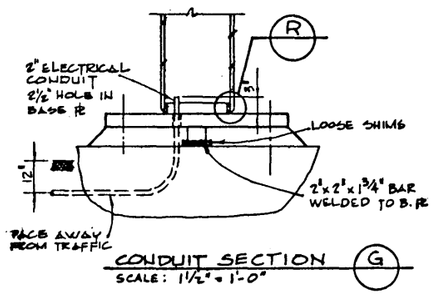




SECTION E
SCALE: 1½"=1'-0"



DETAIL R
SCALE: 3"=1'-0"



CONDUIT SECTION G
SCALE: 1½"=1'-0"

BAR LIST - 2 FOOTINGS					
MARK	SIZE	NO.	TYPE	LENGTH	WEIGHT
F601	#6	60	STR.	13'-6"	1216.6
F301	#3	30	CIRC.	16'-9"	188.9
		TOTAL			1405.5

NOTE: BARS ARE TO BE ASSEMBLED INTO A CAGE BY AN APPROVED TACK WELD.

ALL BAR DIMENSIONS ARE OUT TO OUT

QUANTITY ESTIMATE - 2 FOOTINGS			
ITEM	UNIT	ESTIMATE	AS CONST.
CONCRETE CLASS 'A'	CU. YDS	24.6	
REINFORCING STEEL	LBS	1405.5	

1. NOTE: FOR LEVELLING PURPOSES LOOSE SHIMS TO BE PLACED ONLY UNDER BAR SHIM WELDED TO ⅛ OF BASE ℄
2. AFTER THE GROUT HAS CURED TIGHTEN ALL BOLTS WITH TORQUE WRENCH AND PROVIDE NOT LESS THAN 300 FT.-LB. OF TORQUE.

WORK THIS DWG. IN CONJUNCTION WITH DWG. NO. S-1157

CARSWELL ENGINEERING LTD. CONSULTING ENGINEERS CALGARY ALBERTA												
	4											
	3											
	2	84-08-27	CRITICAL CLEAR DIMENSION ADDED	K.S.T.								
	1	22 MAR 76	TOP OF FOOTING PILE	R.G.Q.								
	0	11 MAR 76	RELABELLED FROM CARSWELL DWG.	R.G.Q.								
	NO.	DATE	DESCRIPTION	BY								
	REVISIONS											
	DESIGNED	DRAWN BY	DATE	CHECKED BY	DATE	STREAM	LOCATION	HWY. NO.	SCALE	FILE NO.	SHEET	DWG. NO.
	E.C.	R.B.	OCT. 75	E.F.C.	OCT. 75				AS NOTED		..OF..	S-1156

APPROVED
CHIEF BRIDGE ENGINEER
DATE

Alberta HIGHWAYS AND TRANSPORT BRIDGE BRANCH

STANDARD SIGN BRIDGE
70'0" SPAN
COLUMN DETAILS

1 CARSWELL DWG. NO. 70-1

80 12