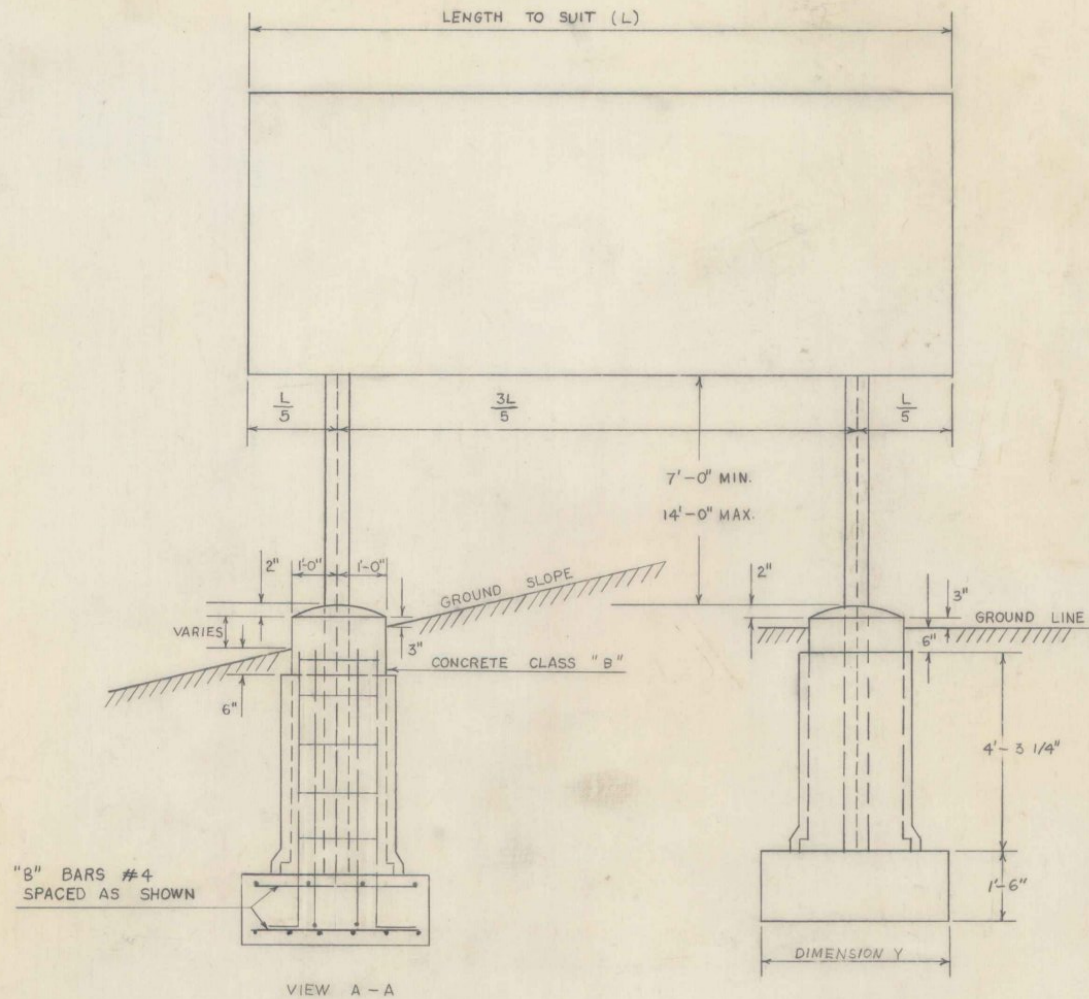
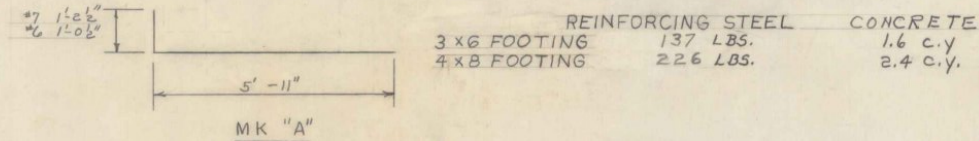


REINFORCING STEEL EACH LEG

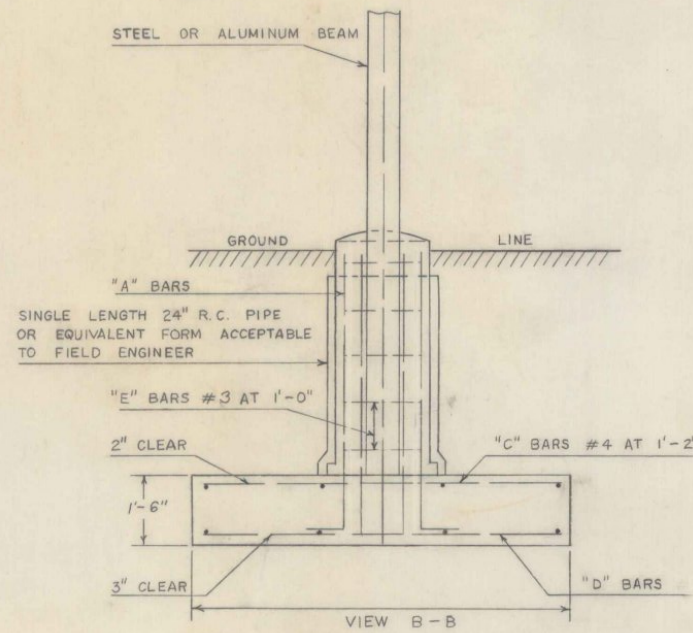
MARK	SIZE	IF S IS LESS THAN OR EQUAL TO 4730 X=6'-0" Y=3'-0"		IF S IS MORE THAN 4730 BUT LESS THAN OR EQUAL TO 6230 X=8'-0" Y=4'-0"		TYPE	LOCATION
		TOTAL NO.	TOTAL LENGTH	SIZE	TOTAL NO.		
A	6	8	6'-9 1/2"	7	8	6'-11"	STEM
B	4	4	2'-6"	4	4	3'-6"	STR FOOTING
C	4	3	5'-6"	4	4	7'-6"	STR FOOTING
D	5	4	5'-6"	6	6	7'-6"	STR FOOTING
E	3	6	6'-6"	3	6	6'-6"	STR. STEM

NOTES:
 FOR GENERAL INFORMATION, SEE NOTES ON STANDARD SHEET E-5A.
 THIS FOOTING TO BE USED WHEN SPECIFIED ON PLANS.
 THIS FOOTING UTILIZES PASSIVE EARTH RESISTANCE AGAINST STEM OF FOOTING BASED ON RUTLEDGE "CHART FOR EMBEDMENT OF PILES WITH OVERTURNING LOADS" PASSIVE EARTH RESISTANCE = ONE TON PER SQUARE FOOT.
 MAXIMUM EARTH PRESSURE UNDER FOOTING = ONE TON PER SQUARE FOOT.
 FOR EQUIVALENT ALUMINUM POSTS, SEE SIGN SUMMARY SHEET.

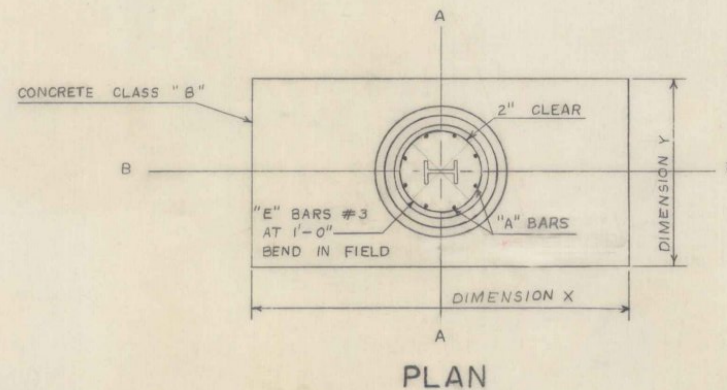


POST FOUNDATION SLOPING GROUND

POST FOUNDATION LEVEL GROUND



SIDE VIEW



NOTES:
 IN ERECTING POST, FIRST EXCAVATE AND POUR FOOTING. THEN PLACE POST, PLUMB, ALIGN, AND POUR STEM. THE TIME BETWEEN POURS FOR PROPER CURING OF CONCRETE SHALL BE DETERMINED BY ENGINEER IN FIELD.
 ALUMINUM BEAMS IN CONTACT WITH CONCRETE SHALL BE TREATED WITH ZINC CHROMATE PAINT AS SPECIFIED UNDER SECTION D, ITEM 572 BRIDGE RAILING.

TYPE "B" FOOTINGS

REVISIONS AND CORRECTIONS

APPROVED DATE July 19, 1961

A. D. Baird
CHIEF ENGINEER

G. W. Colamer
TRAFFIC ENGINEER

G. M. Lane
HIGHWAY ENGINEER

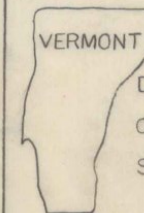
DESIGNED BY W. SMITH
CHECKED BY A. COUCH

C. B. Stickney
CONSTRUCTION ENGINEER

TRAFFIC SIGNS

SIGN POST FOOTINGS

INTERSTATE PROJECTS



VERMONT
DEPARTMENT
OF HIGHWAYS
STANDARD

E-5B