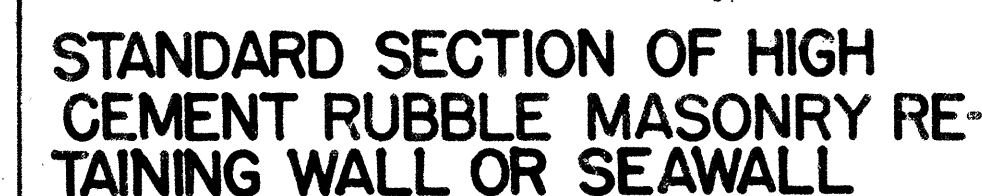


Min. toe depth
H varies = Limited to 25 ft for 0.5 base



Elevation of weep holes to be determined by Resident Engineer. Holes to be placed as close to the existing ground line as local conditions permit.

NOTE: Dimension "X" is assumed as 2'-4" in figuring the above quantities.

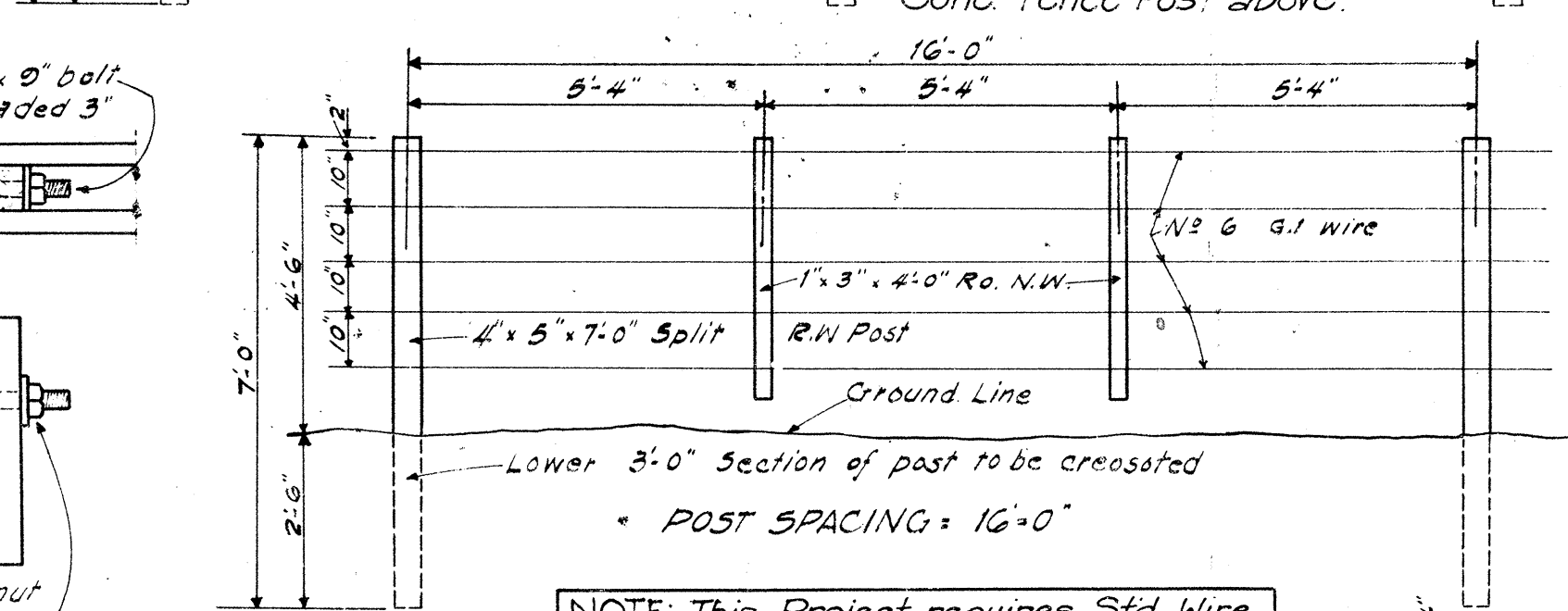
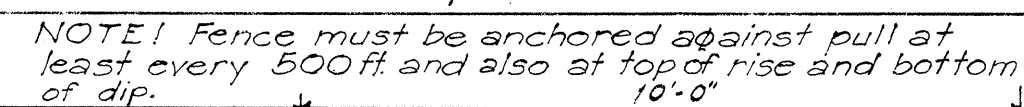


NOTE:
Contractor may either
cast holes for fastening
fence wire or cast post
with $\frac{3}{4}$ " - $\frac{1}{2}$ " round grooves
on 2 sides.

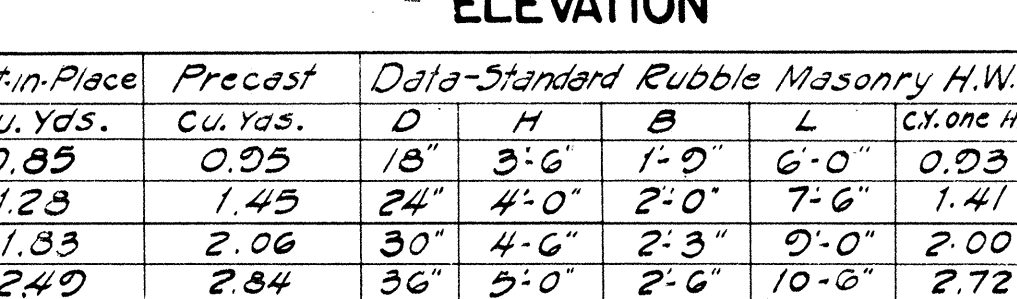
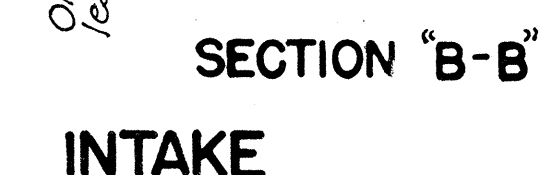
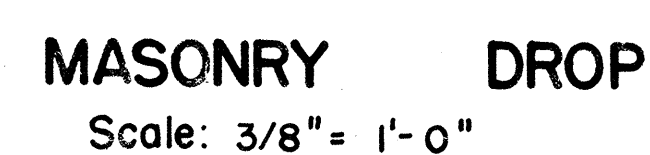
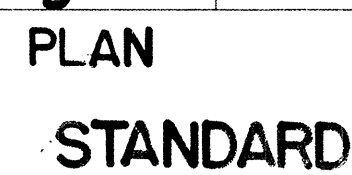
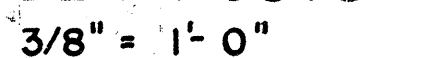


Butt joints to be left open approx. 1/2" and spaced every other post except on sharp curves. _____

"S4S Railing painted 3 coats of _____
Contact surfaces between posts _____
and all butt joints shall be painted _____
before assembly _____



DETAILS OF STANDARD WIRE FENCE WITH WOODEN POSTS



SECTION "A-A"



D	W	H	$T=W+H$
18"	24"	2'-0"	4'-0"
24"	24"	2'-0"	4'-0"
30"	30"	2'-0"	5'-0"
36"	36"	3'-0"	6'-0"



Scale: $1/2" = 1' - 0"$

See Note regarding use of Concrete Posts.



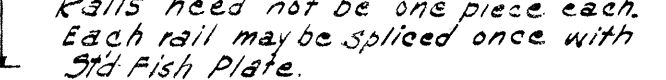
Scale: $1/2" = 1' - 0"$

See Note regarding use of Concrete Posts.

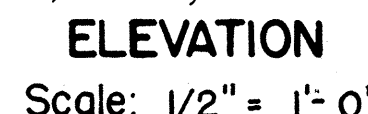


Scale: 1-1/2" = 1'-0"

Note: Use $\frac{3}{4}" \phi \times 11"$ bolts for cattle gate



Rails need not be one piece each.
Each rail may be spliced once with
Sld Fish Plate.



Scale: $1/2" = 1' - 0"$

LAYOUT SHOWING HURDLE PLACED
BELOW CULVERT IN A POSITION
WHICH WILL BE CATTLE TIGHT

DETAILS OF HURDLE

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

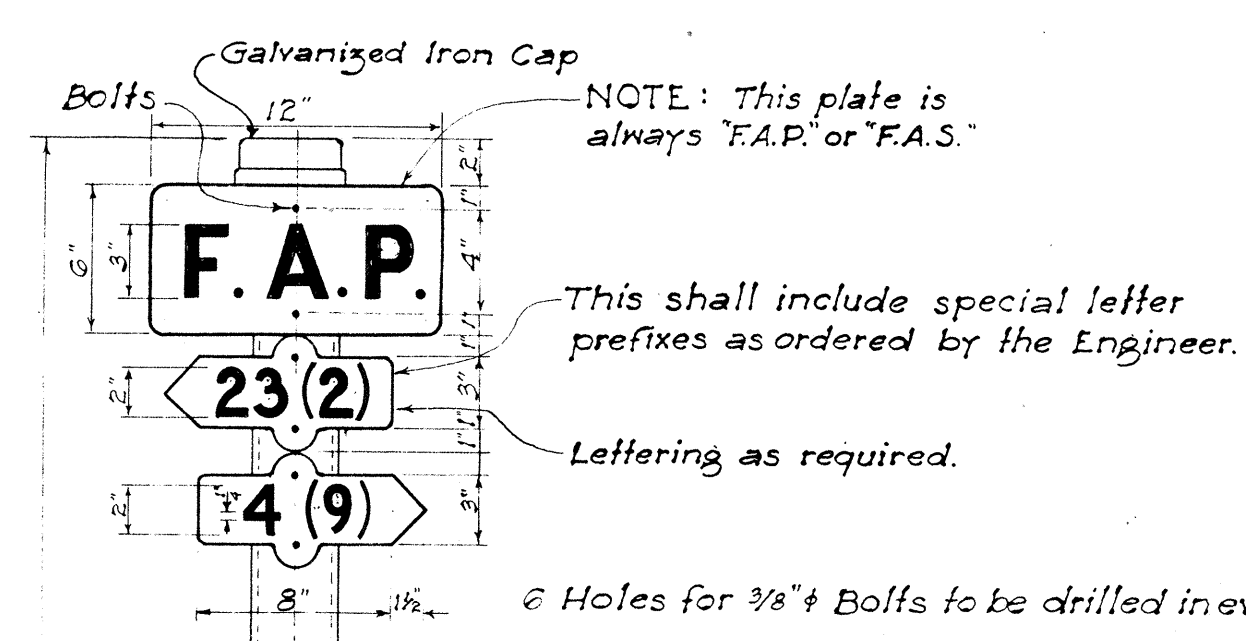
STANDARD DETAILS

SCALES AS NOTED Apr. 15, 1948

APPROVED: *Jim Belt*

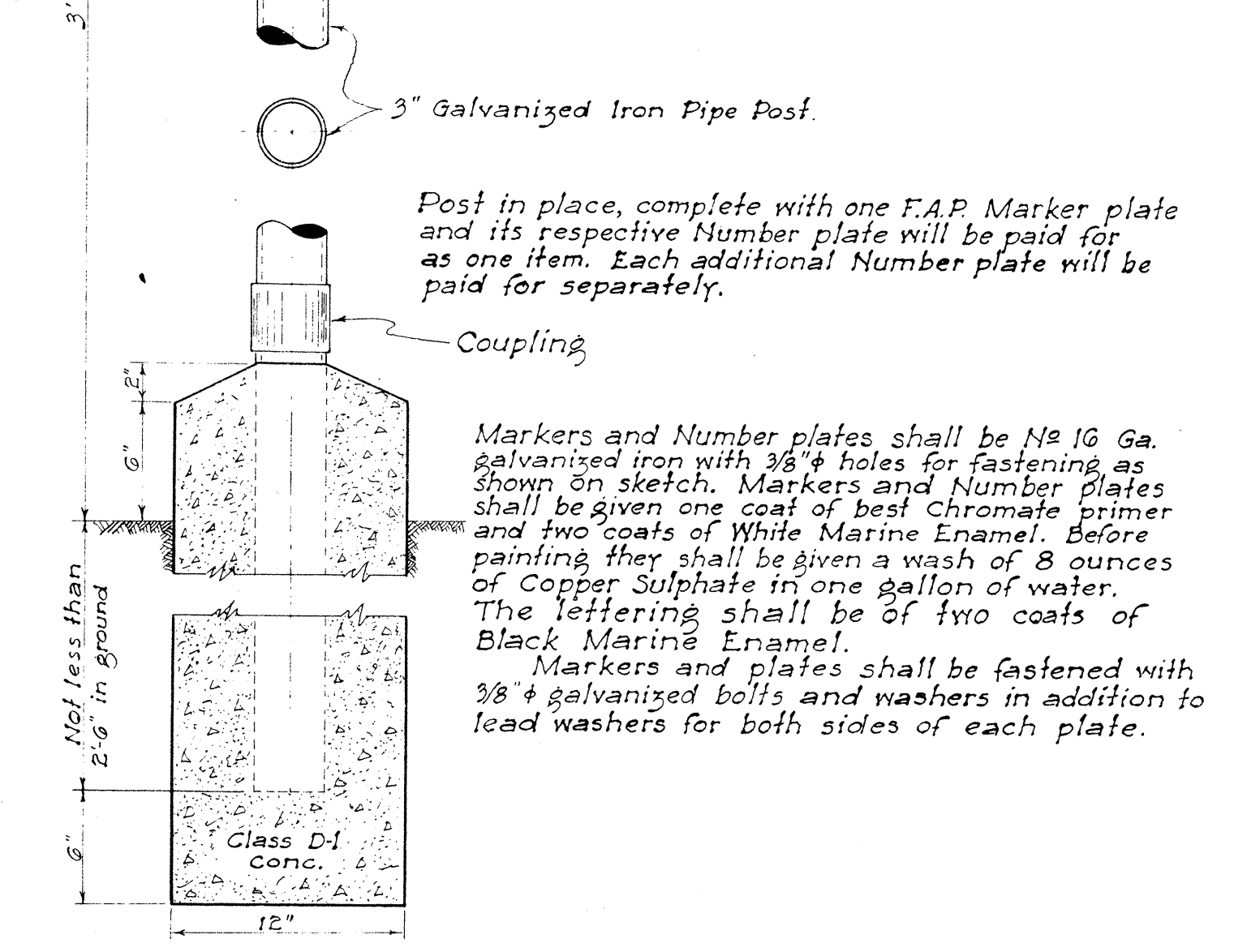
SHEET NO 1 OF 3 SHEETS

5501.20

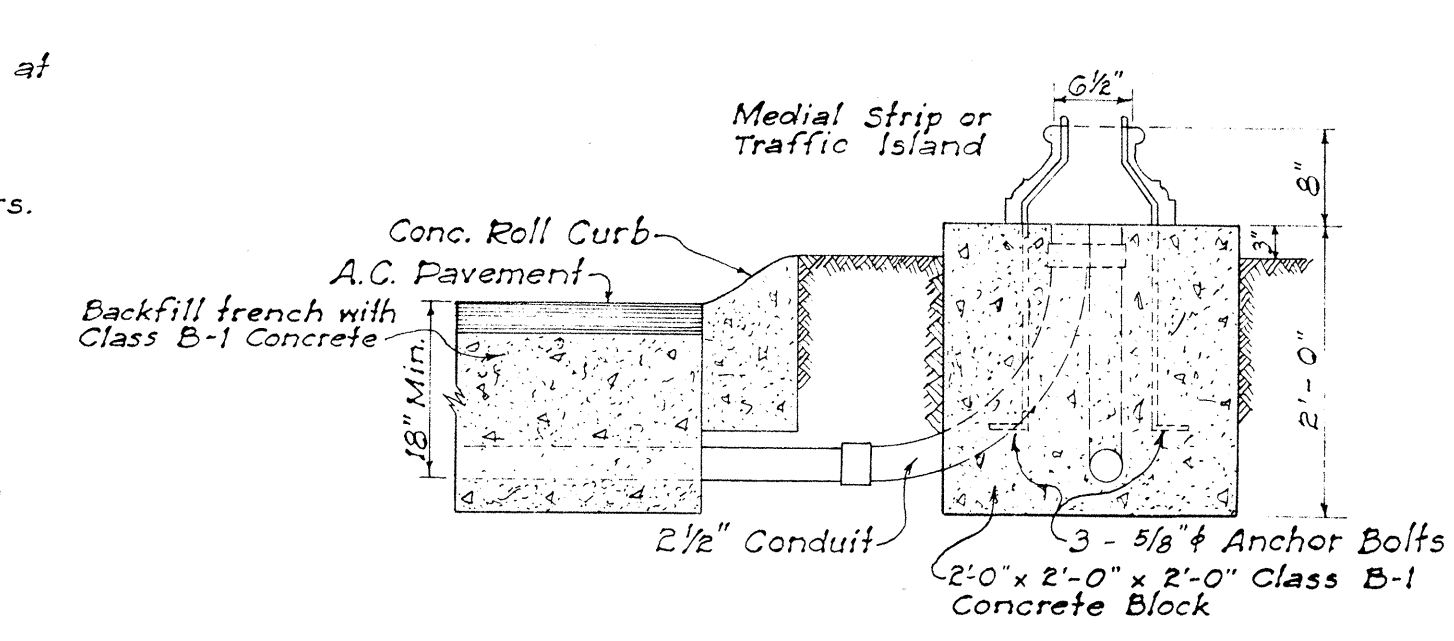
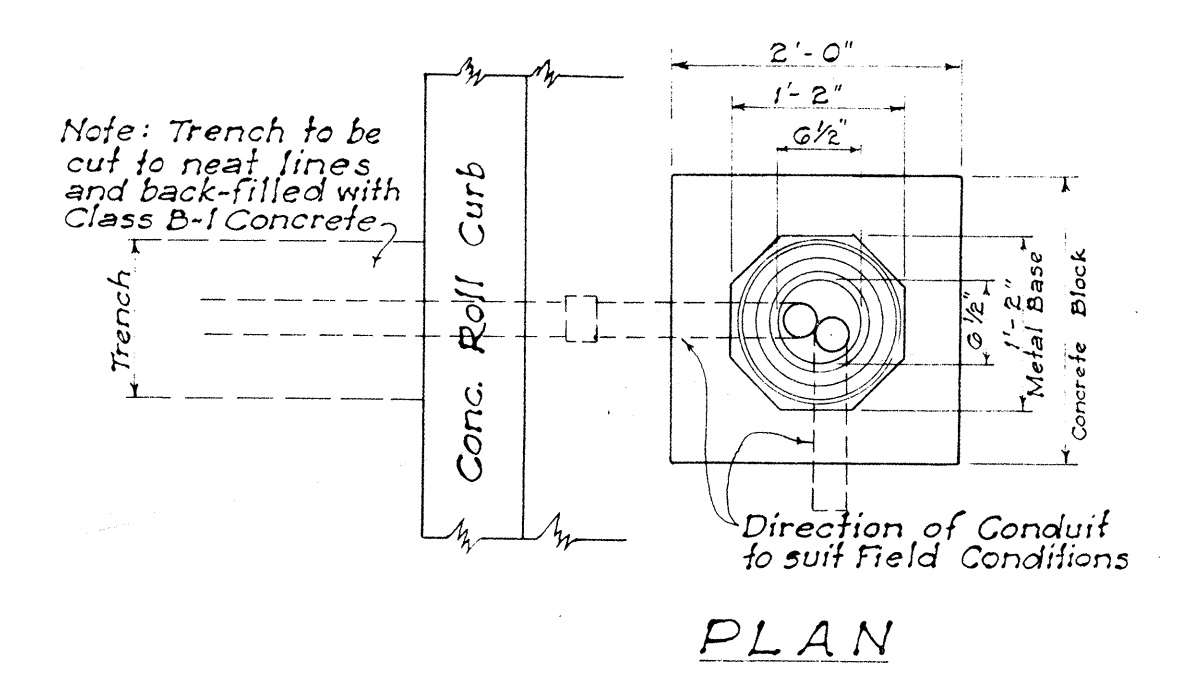


ARRANGEMENT OF MARKERS

One F.A.P. Marker and one plate shall be placed at the beginning and end of each isolated F.A. Project. Where two F.A. Projects adjoin, a single marker and two Number plates shall be placed, each Number plate pointing in the direction of the project to which it refers.

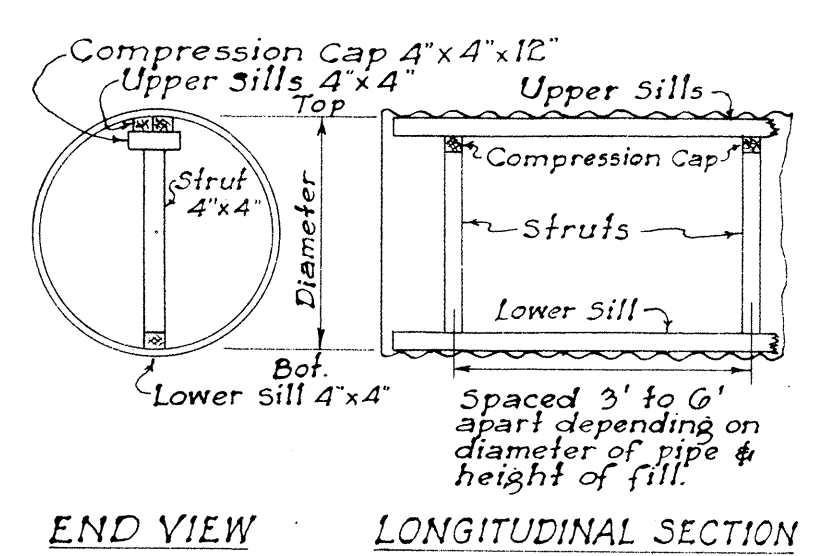


FEDERAL AID MARKER
Scale: 1 1/2" = 1'-0"



NOTE: Unless otherwise specified, all concrete for base for Traffic Standards, Pull Boxes, Concrete Jackets for Transite Ducts shall be Class B-1 Concrete.

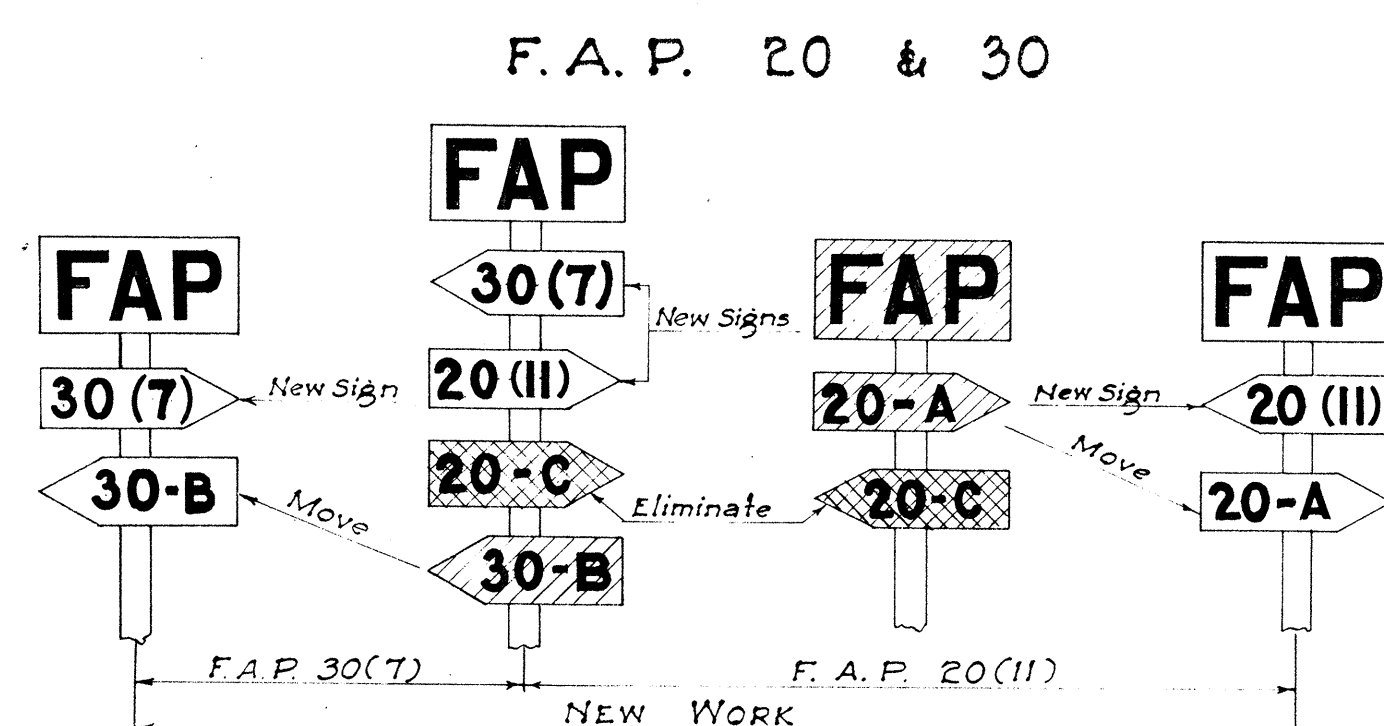
DETAIL OF BASE FOR TRAFFIC STANDARD AND DISPATCHER PEDESTAL



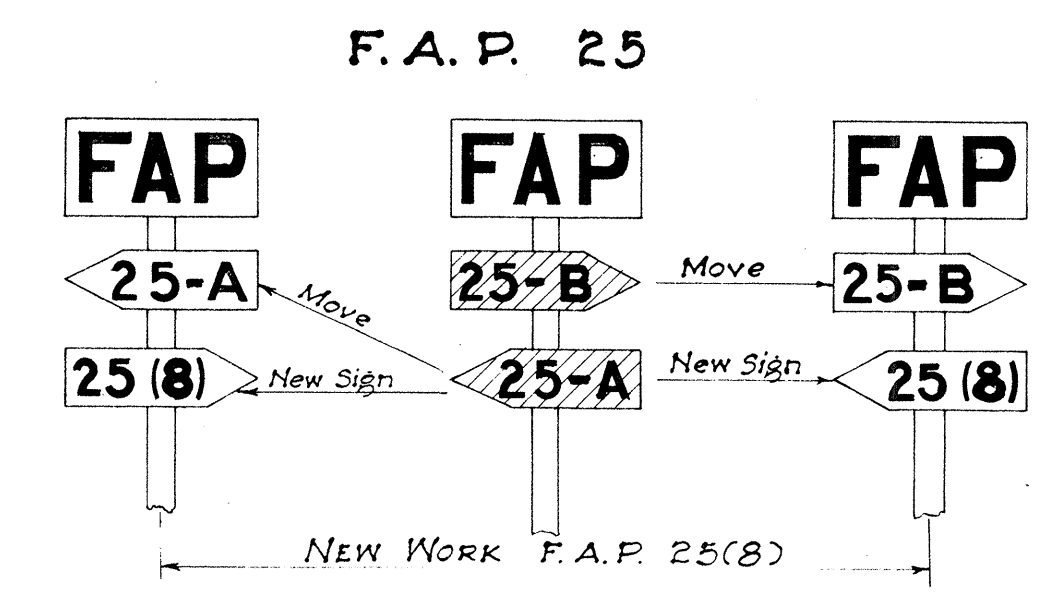
Diameter of Pipe in inches	Length of Struts in inches	Spacing of Struts in ft. for Various Heights	FILL 1' to 5'	FILL 5' to 10'	FILL 10' to 20'	FILL 20' to 30'	FILL Over 30'
48	38 3/8					4	4
54	44 3/4					4	4
60	51					4	4
66	57 1/4					4	4
72	63 3/8					5	3.5
78	69 1/2					4.5	3.5
84	76 1/4					4	3

NOTE: Length of Struts are based on 4"x4" timbers which is the minimum size recommended. If larger sills or compression caps are used, length of struts should be changed accordingly.

STRUTTING DIAGRAM & TABLE FOR CORRUGATED METAL PIPE CULVERT



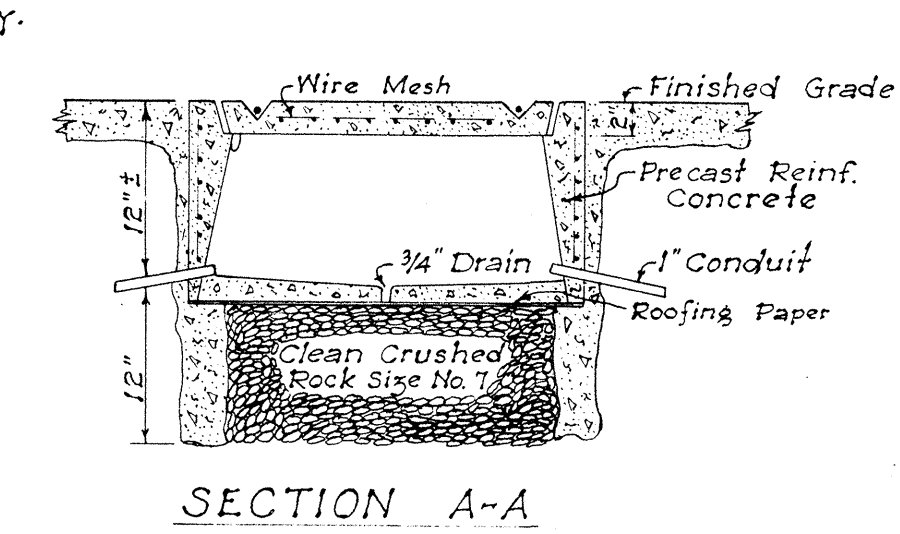
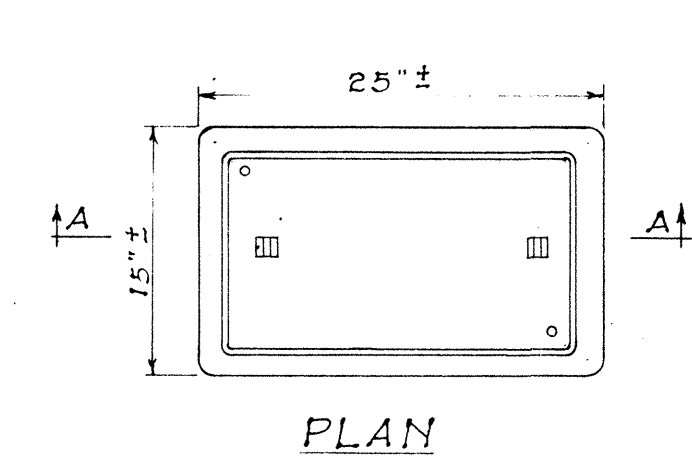
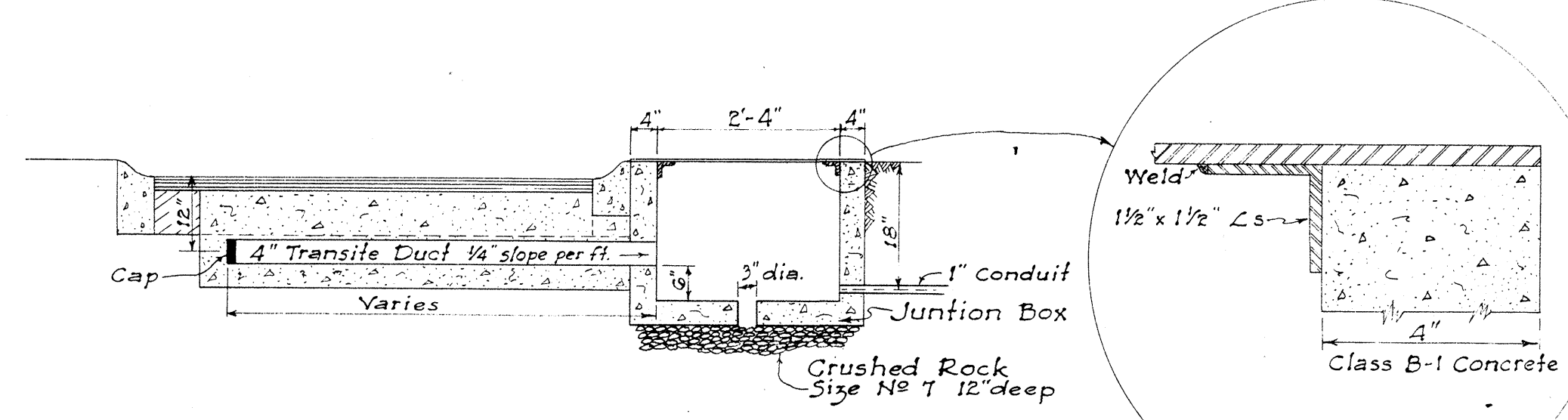
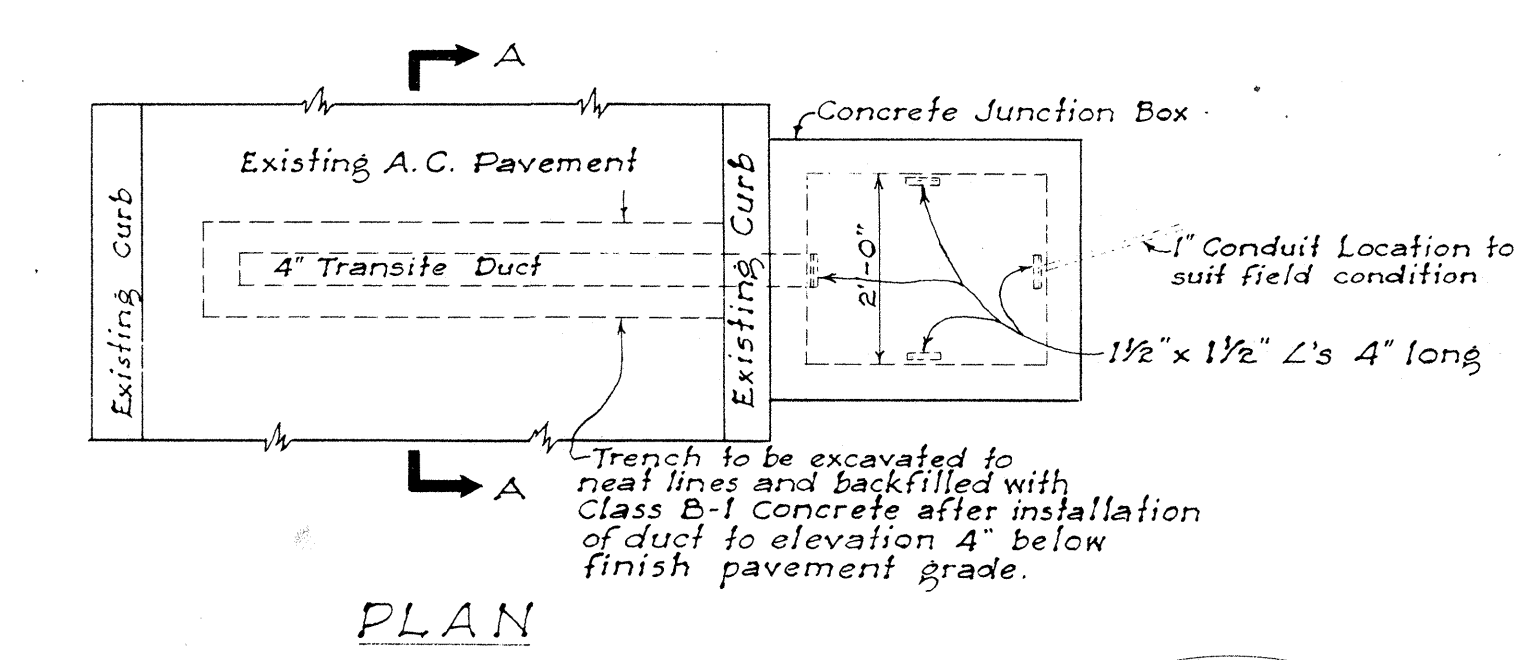
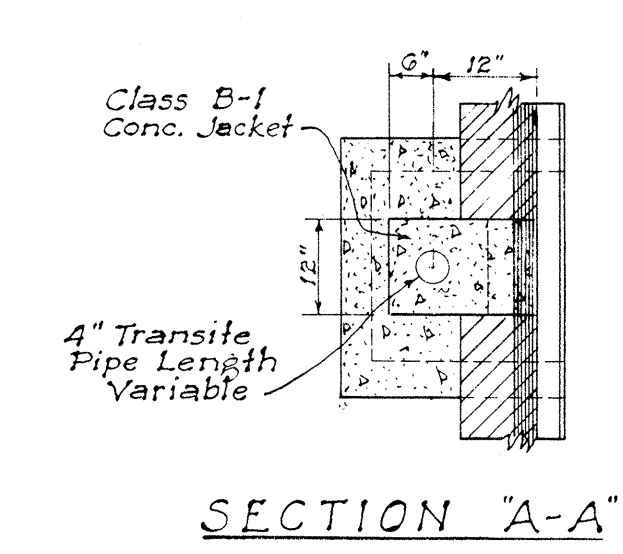
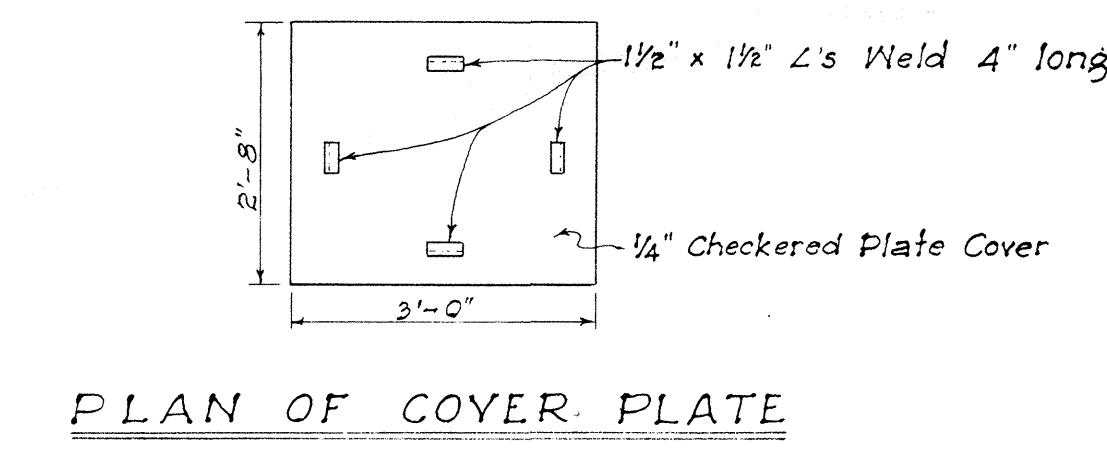
NOTE: Federal Aid Markers should be placed at the termini of suffix designated sections. Intermediate letter designated markers



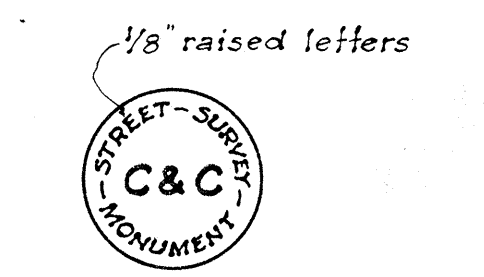
of adjacent sections located within the limits of new improvements should be moved to the termini of the new work.

The same procedure would be followed on each successive improvement until all markers for letter designated sections are eventually eliminated.

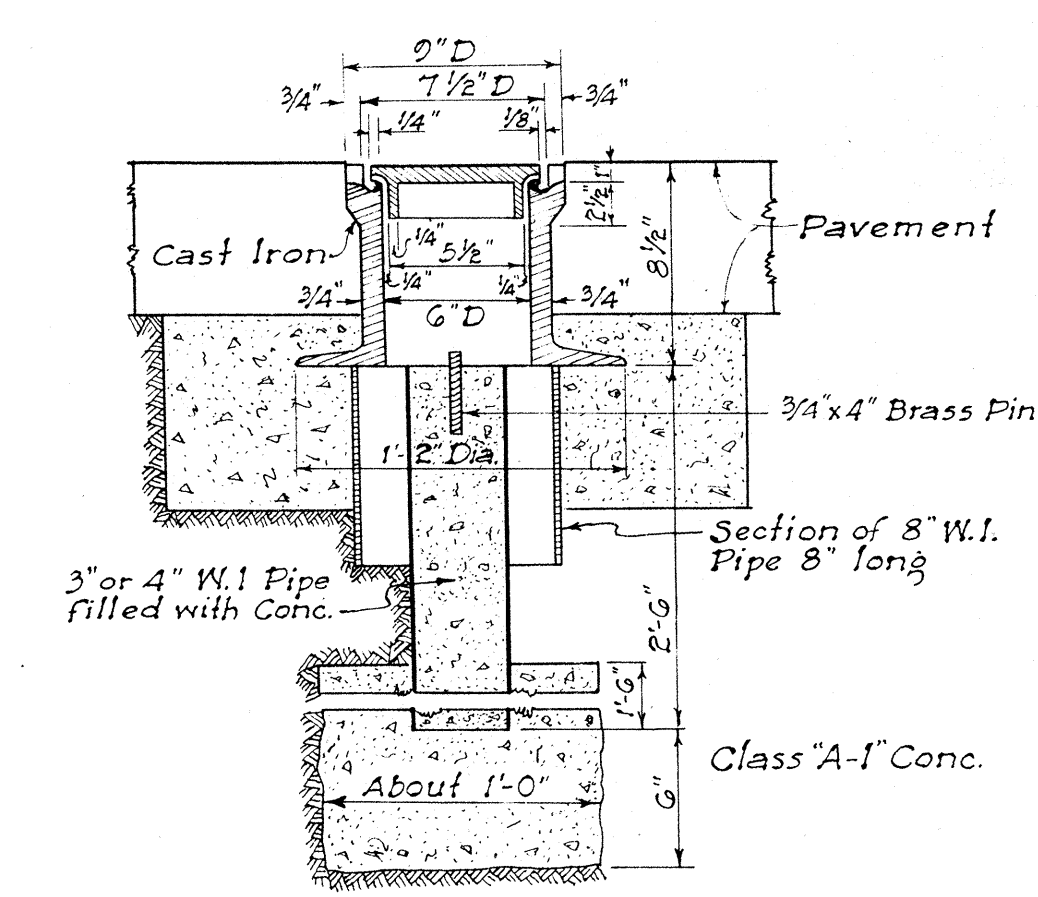
METHOD OF MARKING F.A. PROJECTS AT OVERLAPS (USING NUMBER SUFFIX ON NEW WORK)



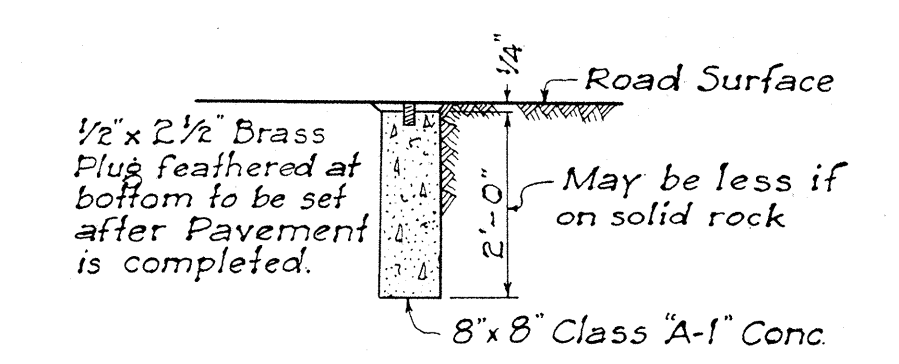
DETAIL OF PULL BOX
Scale: 1" = 1'-0"



PLAN OF TOP



STANDARD C&C STREET SURVEY MONUMENT



CENTER LINE MONUMENT

