

Exist. Ground or Fin. Elev.  
on Pavement, Median or Roadside

1/4"

2'-0"

May be less where Solid Rock  
is encountered

1 1/2" x 2 1/2" Brass Plug  
feathered at bottom to be set  
after pavement is completed  
(Replace Brass Plug with Marker Disk  
if furnished by the State)

Class A Concrete  
(8" x 8" Square Section)

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

FULL SIZE



See Pipe Sleeve and Plate Details

2 1/2" I.D. Pipe Sleeve

New Resurfacing

1/4"

Exist.  $\phi$  Monument

Epoxy Plate to exist. Conc. and secure with 2 Conc. Nails

Exist. Pavement

Exist. Brass Plug

Provide 2 Holes,  
one at opposite  
corner to drive  
Conc. Nails

1/4" Thick  
Steel Plate

2 1/2" Dia.  
Pipe Sleeve

6"

6"

**NOTE:**

1. Adjustment of Centerline Monuments will not be paid for separately, but shall be considered incidental to the various contract items.
2. These Adjustment Details also apply to Centerline Monuments utilized as Stationline Reference Points.

Scale: 3" = 1'-0"

APPROVAL RECOMMENDED:

APPROVED: *Ed Fujiyama* 6-22-83  
ASSISTANT CHIEF, ENGINEERING DATE

## STANDARD DETAILS

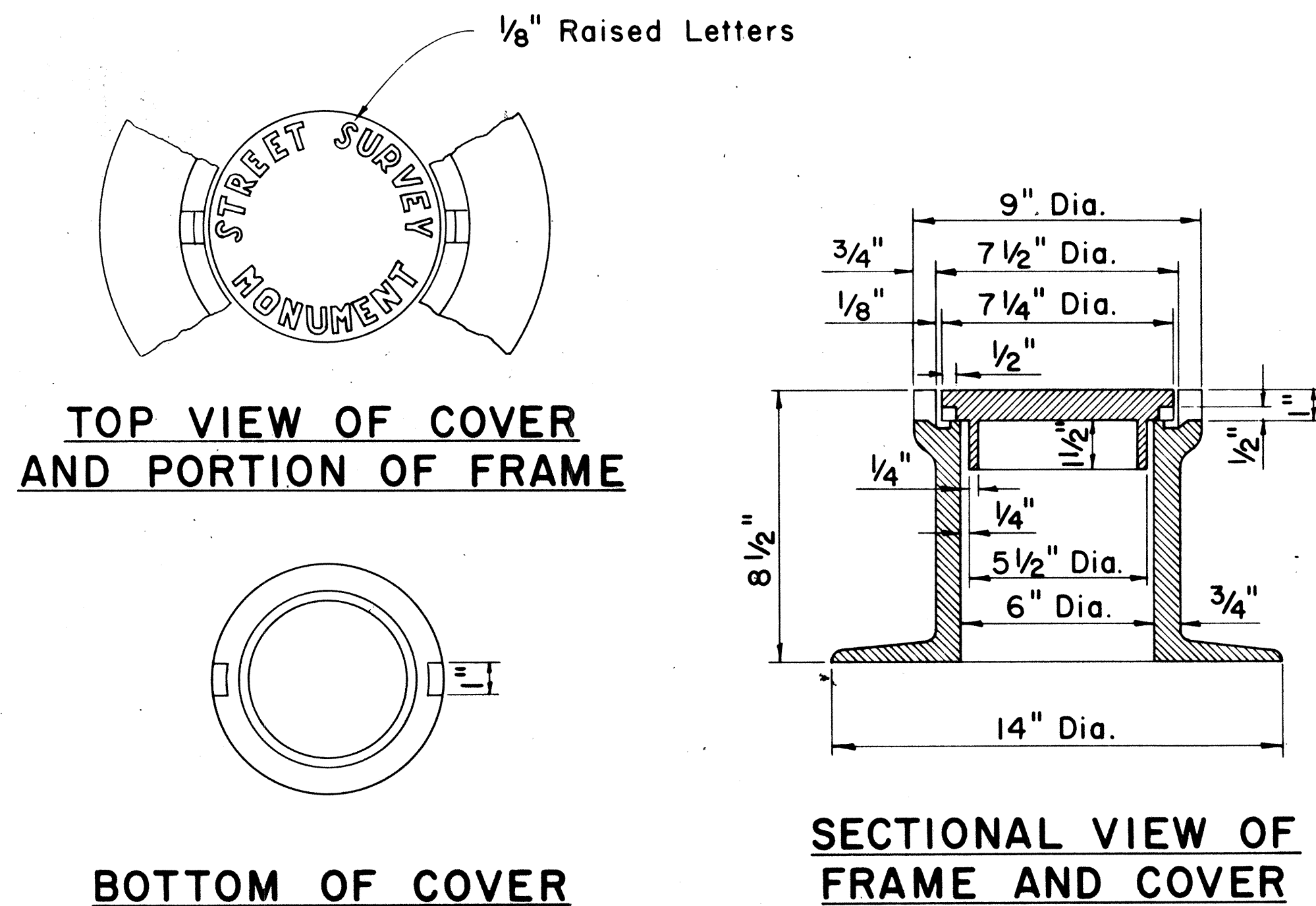
CENTERLINE AND REFERENCE  
SURVEY MONUMENT

Scale: As Shown      Date: May, 1983

**SHEET No. / OF 2 SHEETS** DD613.1

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____ *
	TRACED BY _____ *
	DESIGNED BY _____ *
	QUANTITIES BY _____ *
No. _____	CHECKED BY _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-093-1(7)	1984	12	39

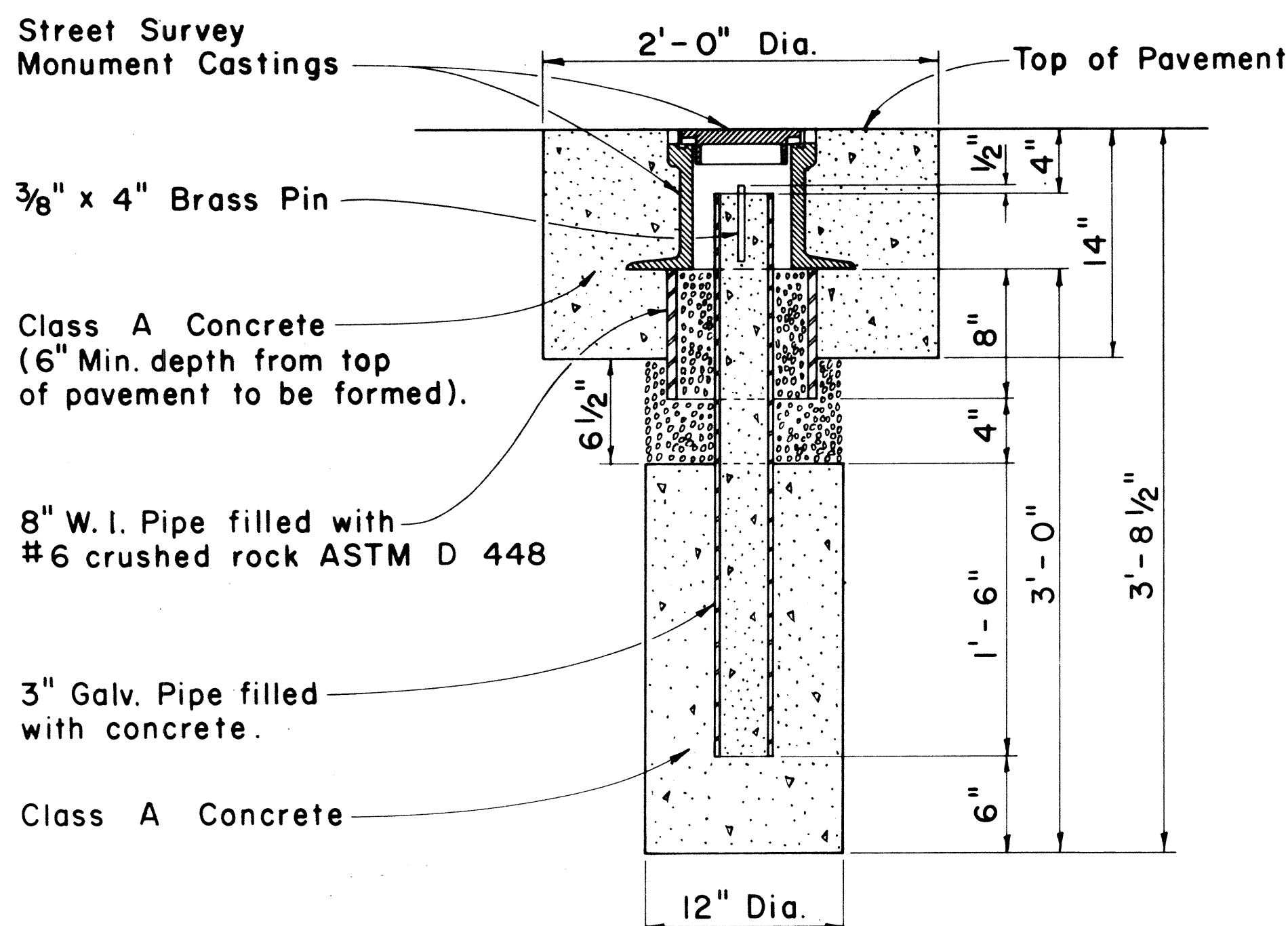
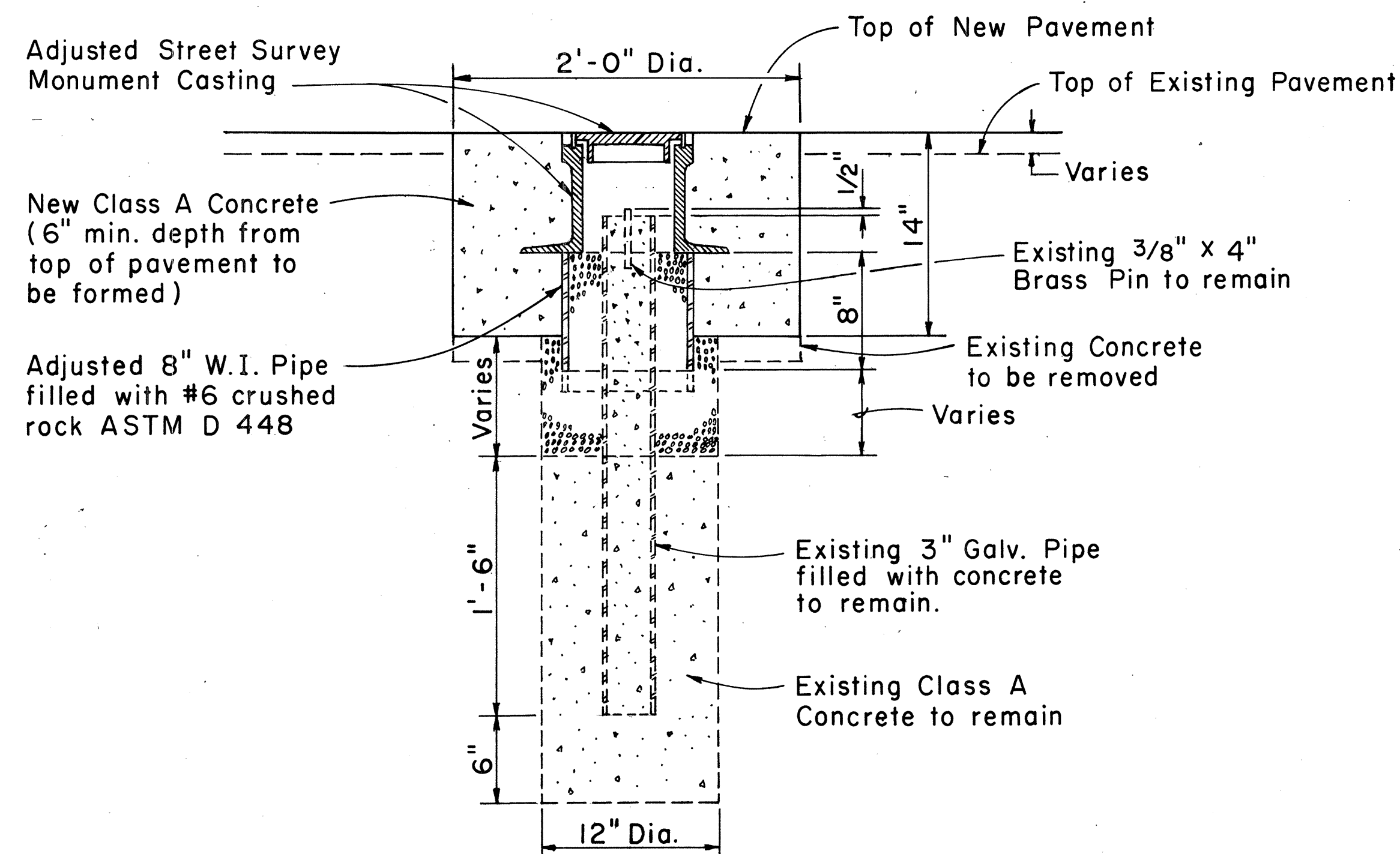


### STREET SURVEY MONUMENT CASTINGS

Scale: 3" = 1'-0"

### DETAILS FOR ADJUSTED STREET SURVEY MONUMENT

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



NOTE:  
Where the excavation extends into solid rock the depth may be decreased if approved by the Engineer.

### STREET SURVEY MONUMENT

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

APPROVAL RECOMMENDED:  
*M. Hirose* 12-4-69  
HIGHWAY DESIGN ENGINEER DATE

APPROVED:  
*W. R. Sabin* 12-10-69  
ASSISTANT CHIEF, ENGINEERING DATE

NO.	REVISION	APPROVED BY	DATE
1	Deleted "Detail For Centerline & Reference Survey Monument," added "Detail For Adjusted Street Survey Monument" and deleted "C & C" inscription on Cover.	<i>JSO</i>	6-22-83

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
STANDARD DETAILS	
STREET SURVEY MONUMENT	
SCALE: AS SHOWN	
SHEET No. 2 OF 2 SHEETS DD 614.1	