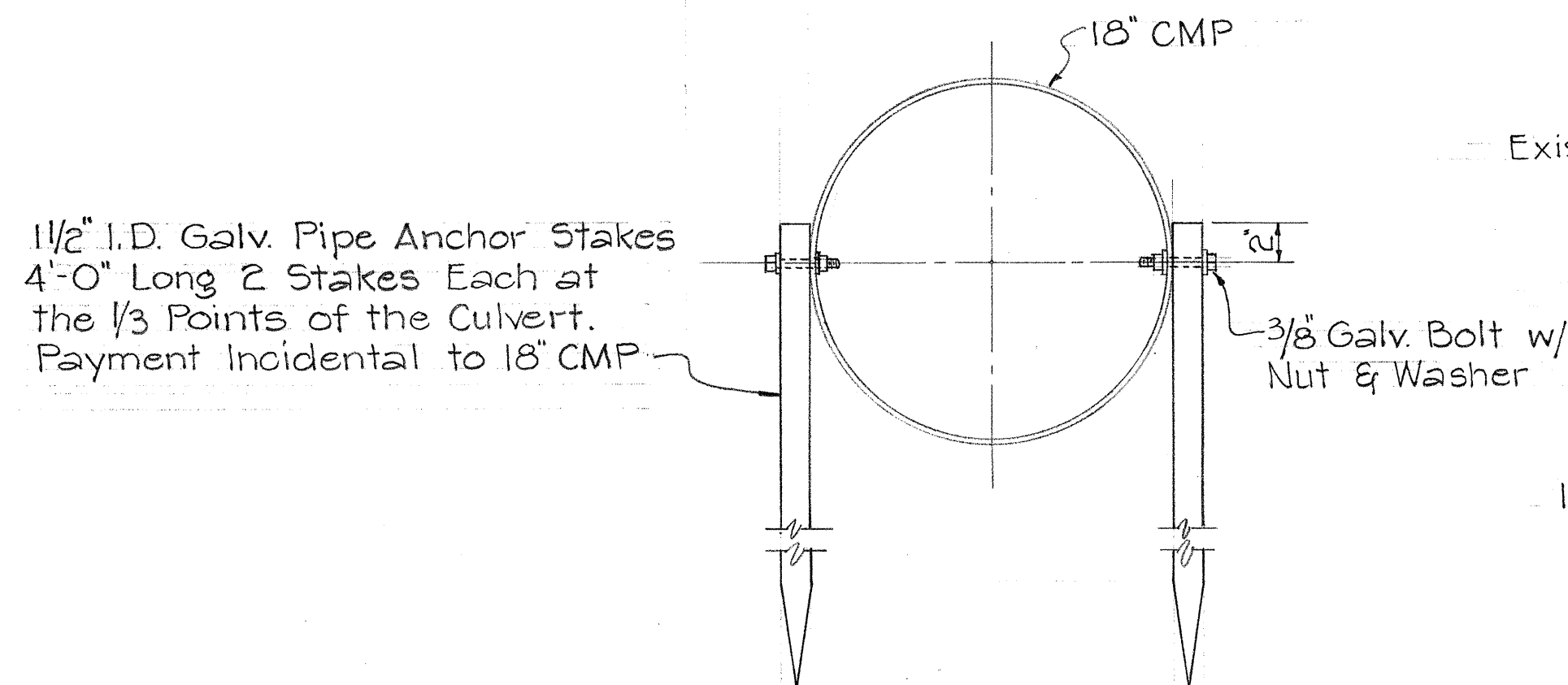
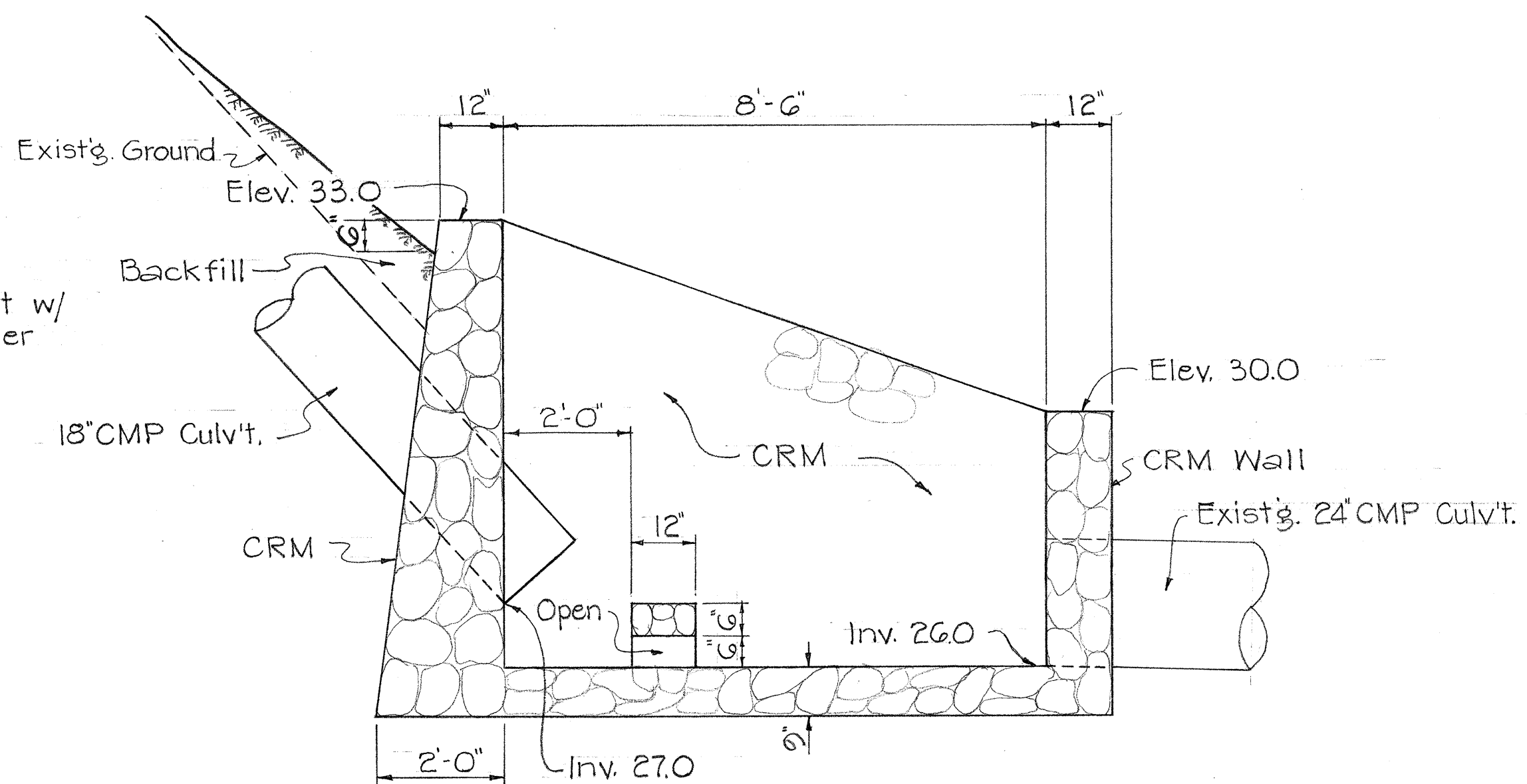


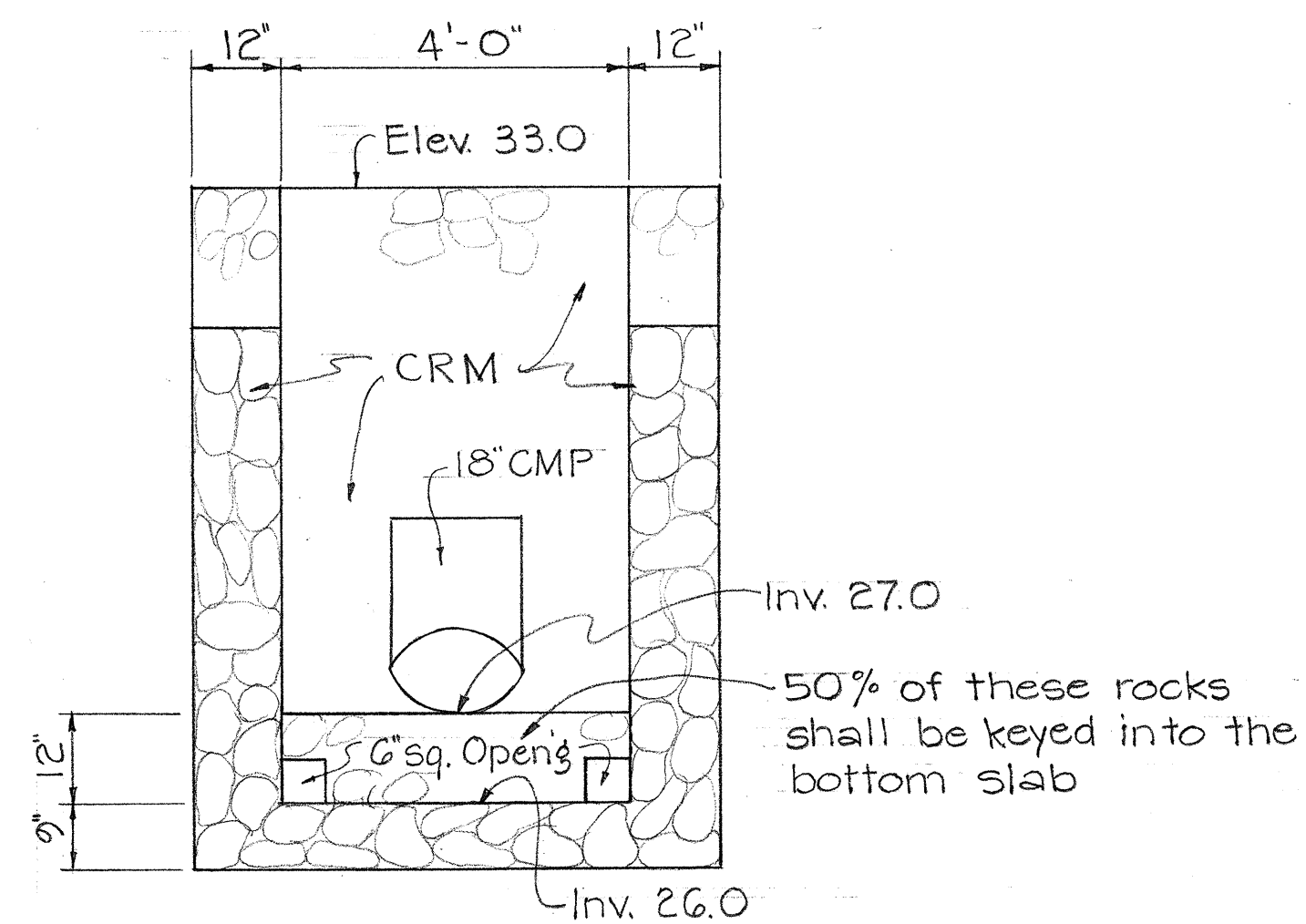
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 330C-03-70 | 1970        | 19        | 30           |



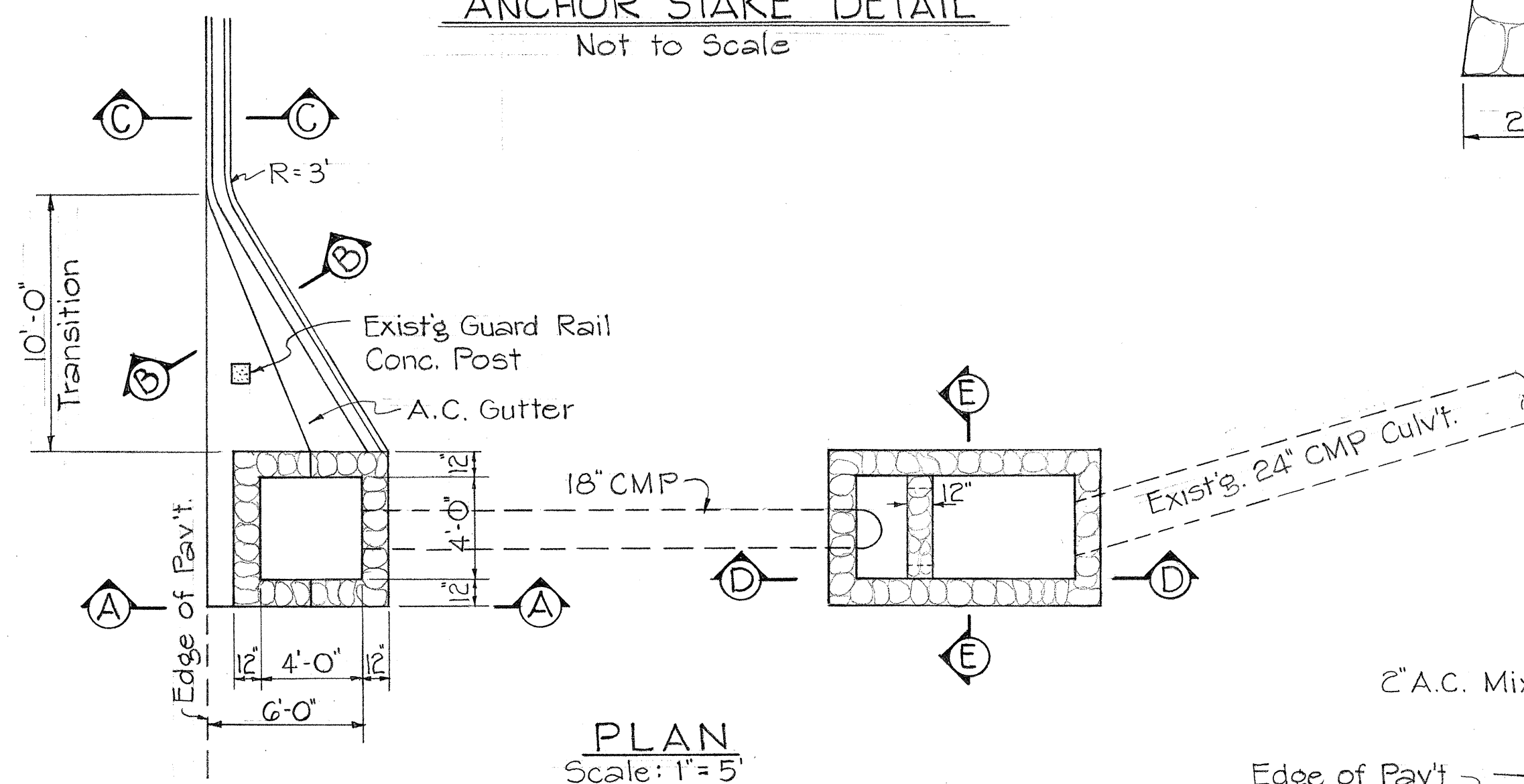
ANCHOR STAKE DETAIL  
Not to Scale



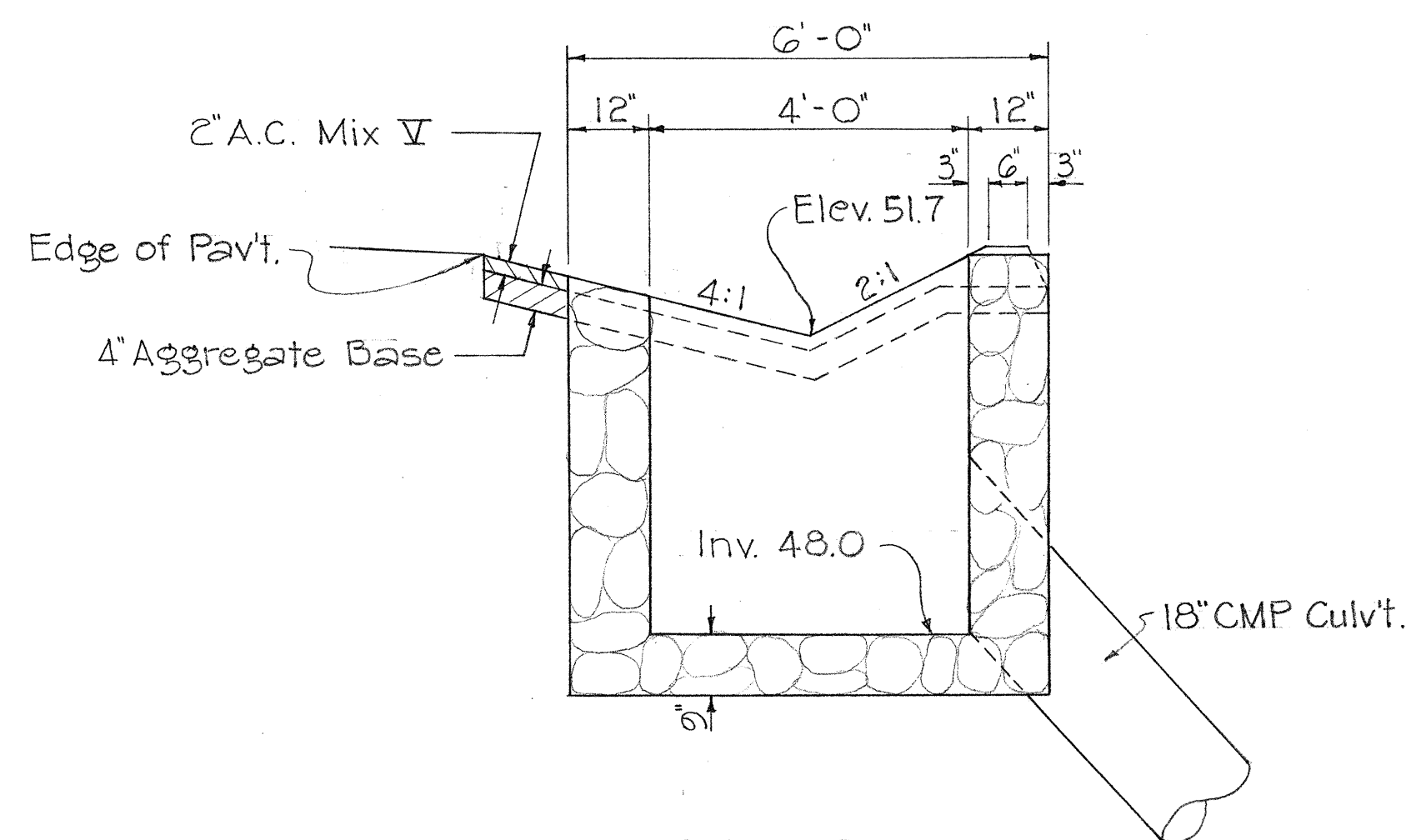
SECTION D-D  
Scale: 1/2" = 1'-0"



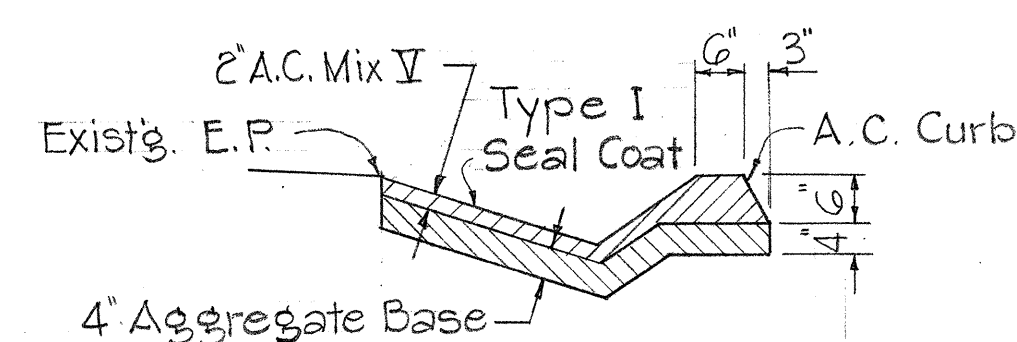
SECTION E-E  
Scale: 1/2" = 1'-0"



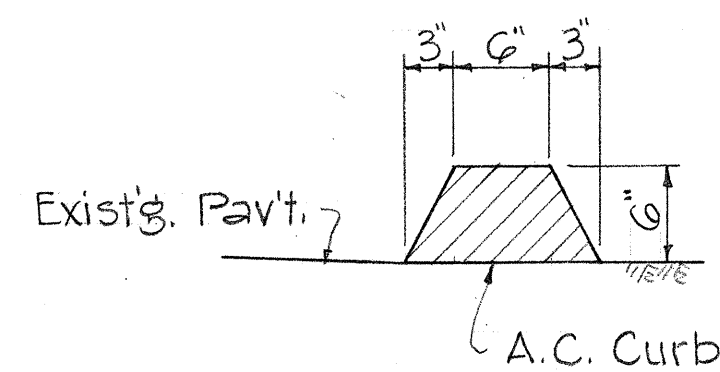
PLAN  
Scale: 1" = 5'



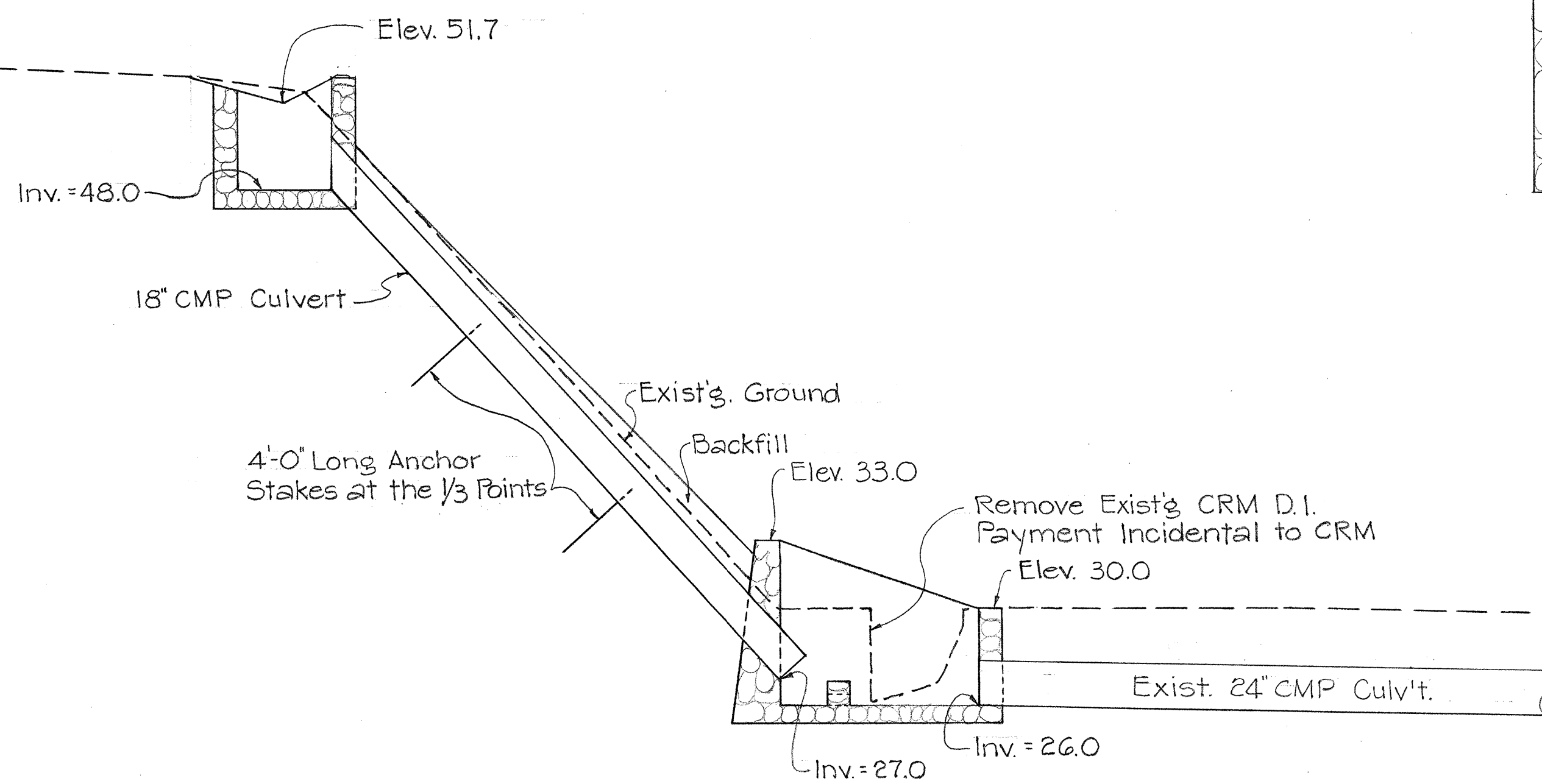
SECTION A-A  
Scale: 1/2" = 1'-0"



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



SECTION C-C  
Scale: 1" = 1'-0"

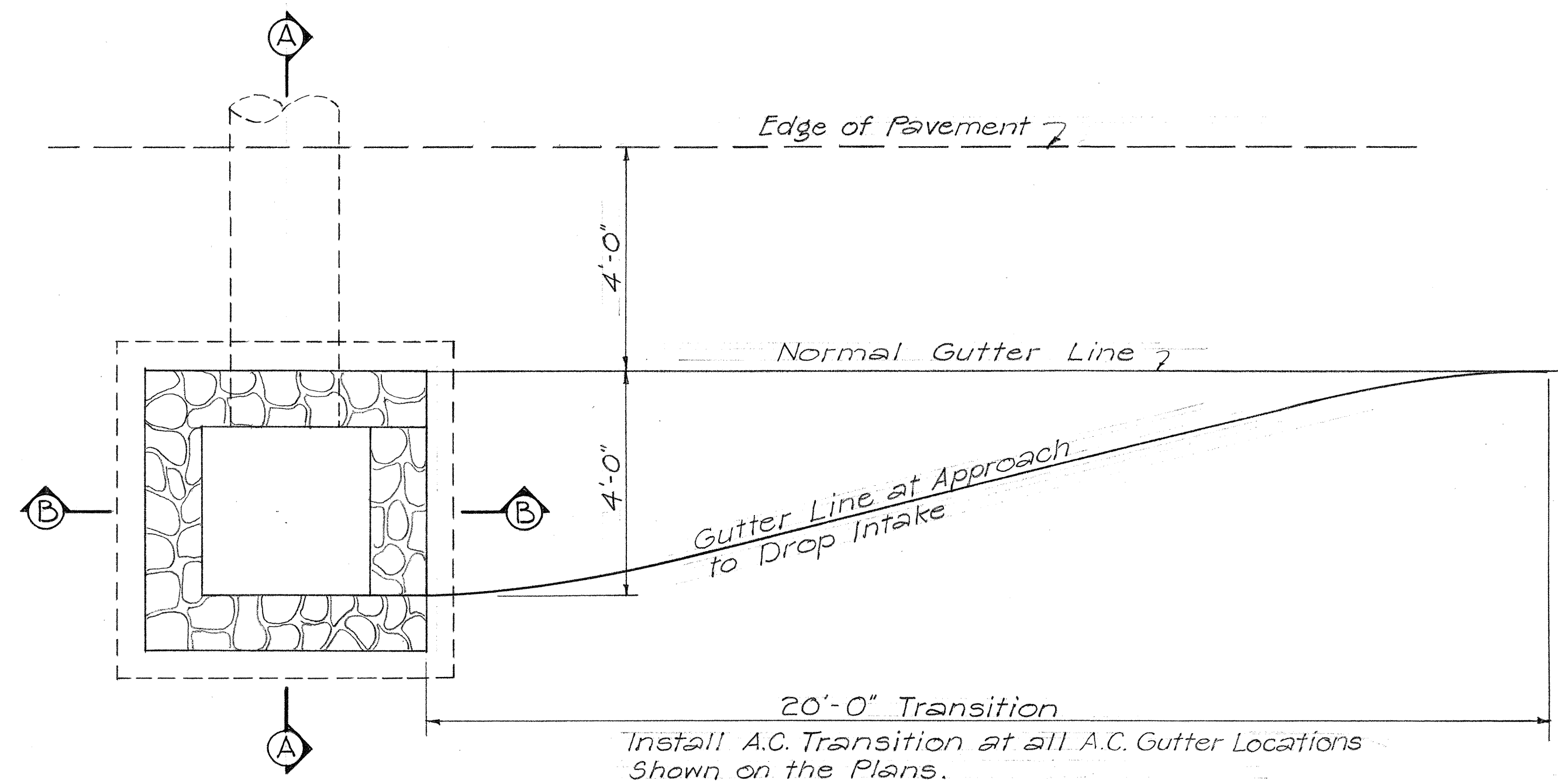


PROFILE  
Scale: 1" = 5'

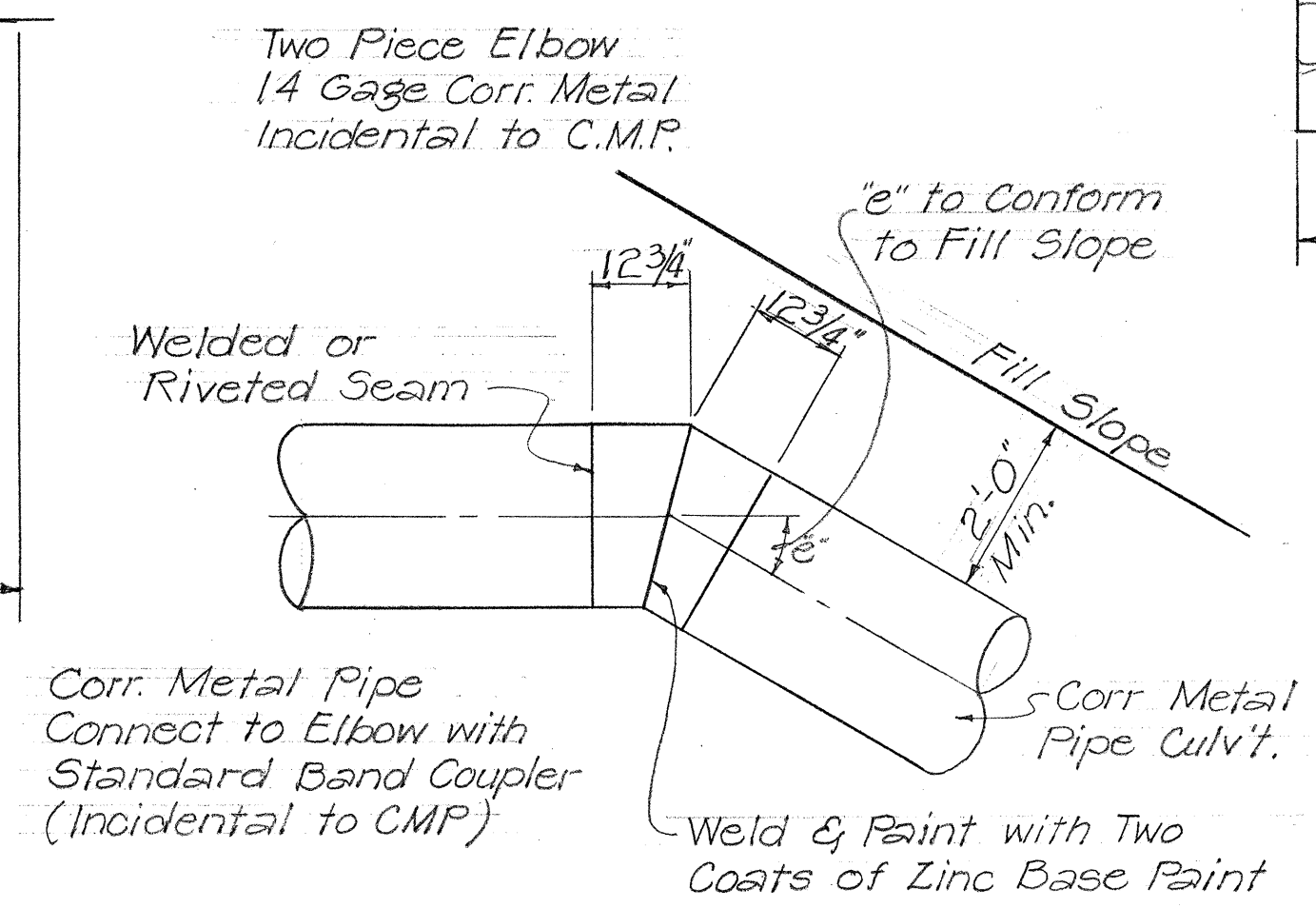
18" CMP SPILLWAY  
STA. - 12 + 46

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
18" CMP SPILLWAY  
STA. - 12 + 40  
KAHEKILI HIGHWAY  
HONOKOHAI STREAM TO POELUA GULCH  
PROJ. NO. 330C-03-70  
SCALE: AS NOTED  
MARCH 1970  
SHEET No. 1 OF 5 SHEETS

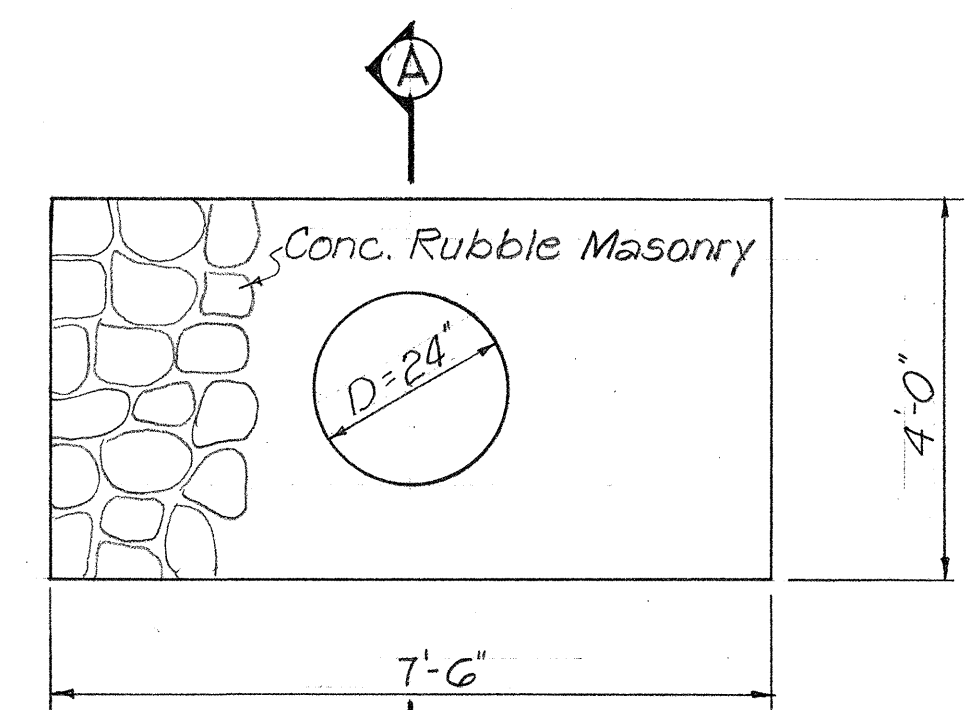
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 330C-03-70 | 1970        | 20        | 30           |



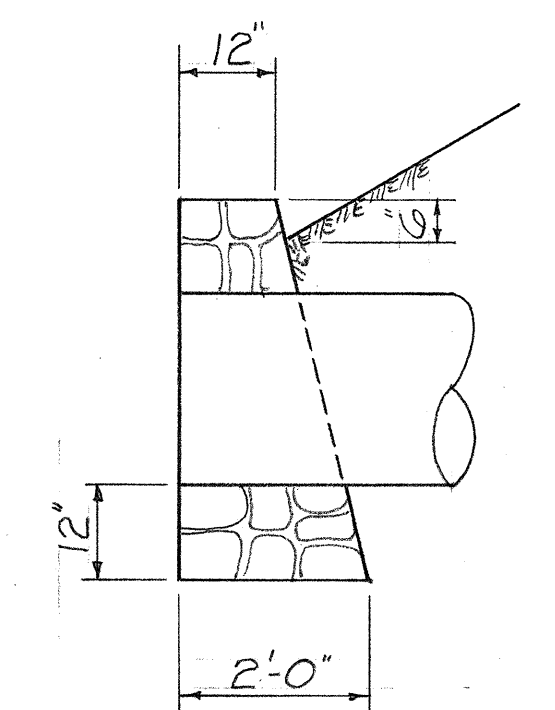
PLAN



CMP CONNECTION TO SPILLWAY  
Scale: 1/2" = 1'-0"

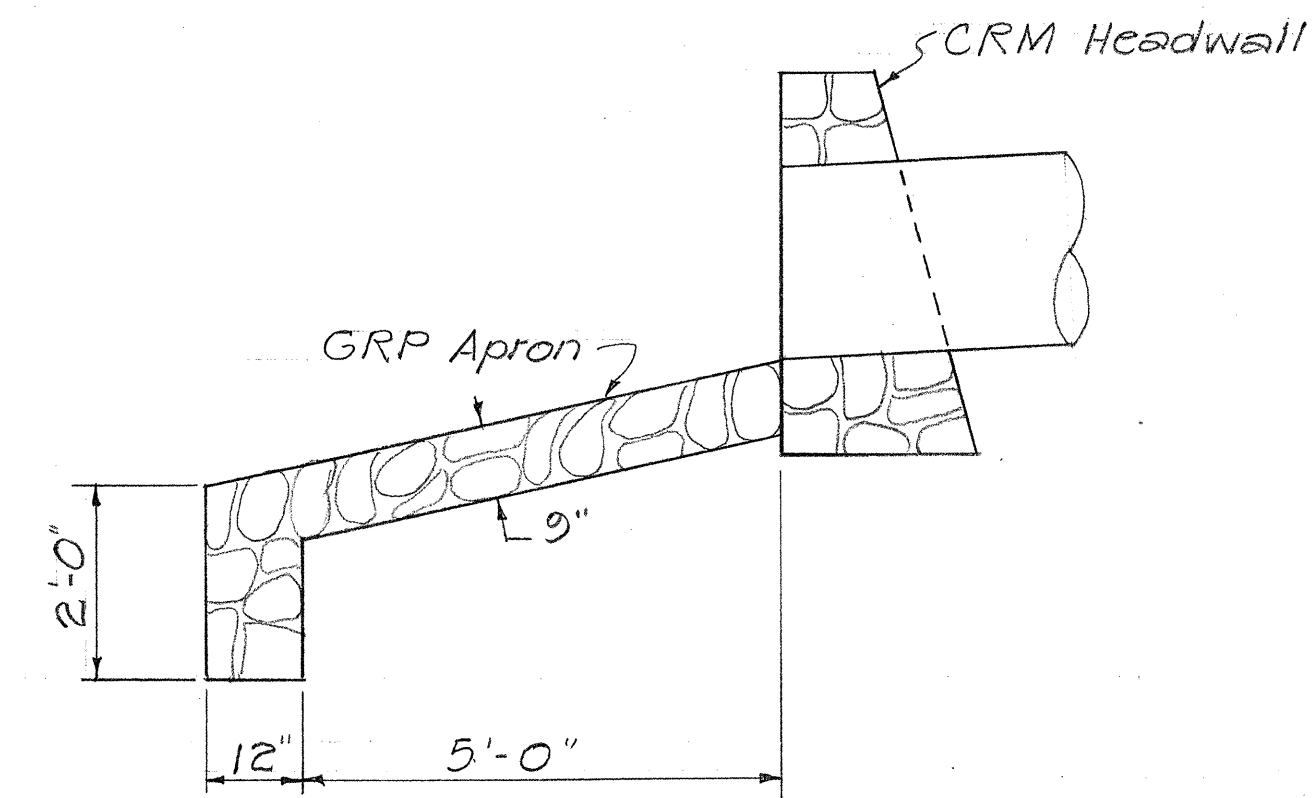


ELEVATION

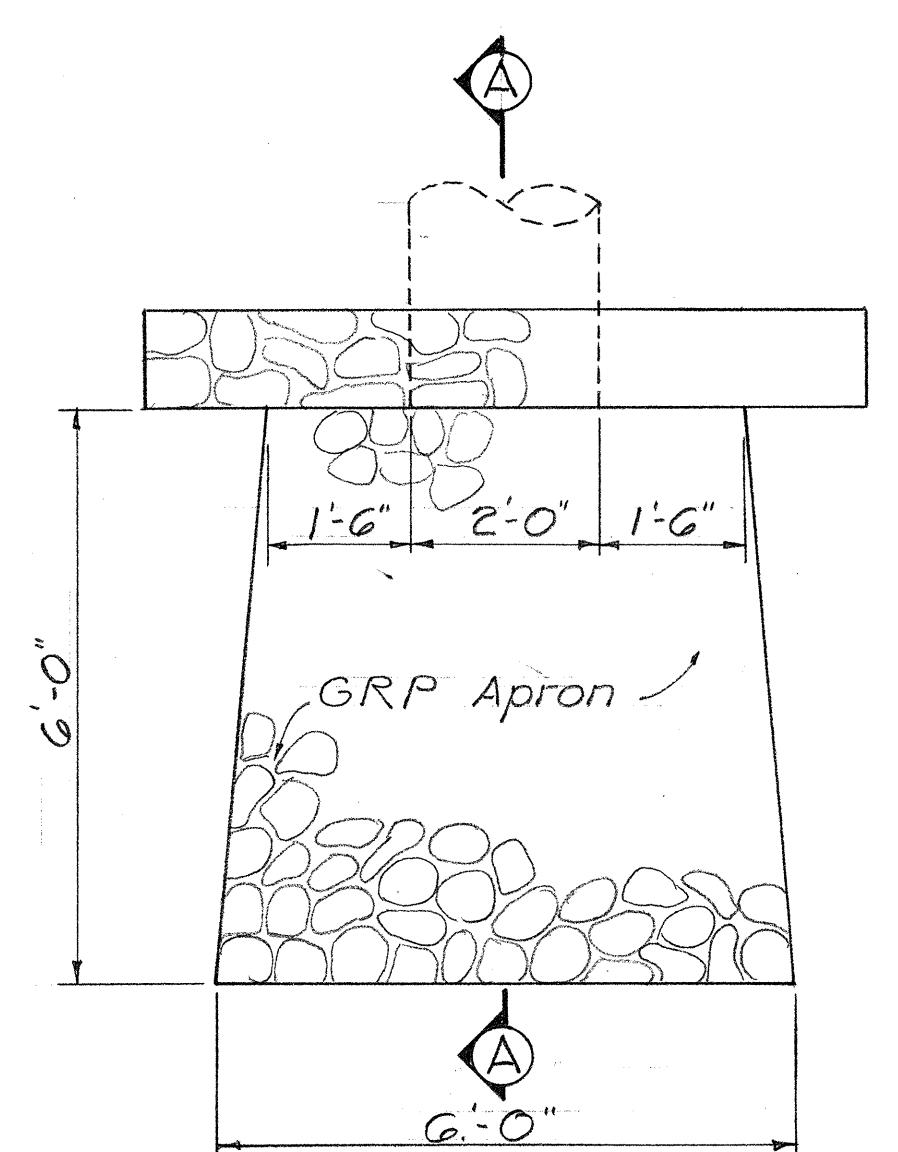


SECTION A-A

DETAIL OF CRM HEADWALL  
Scale: 1/2" = 1'-0"

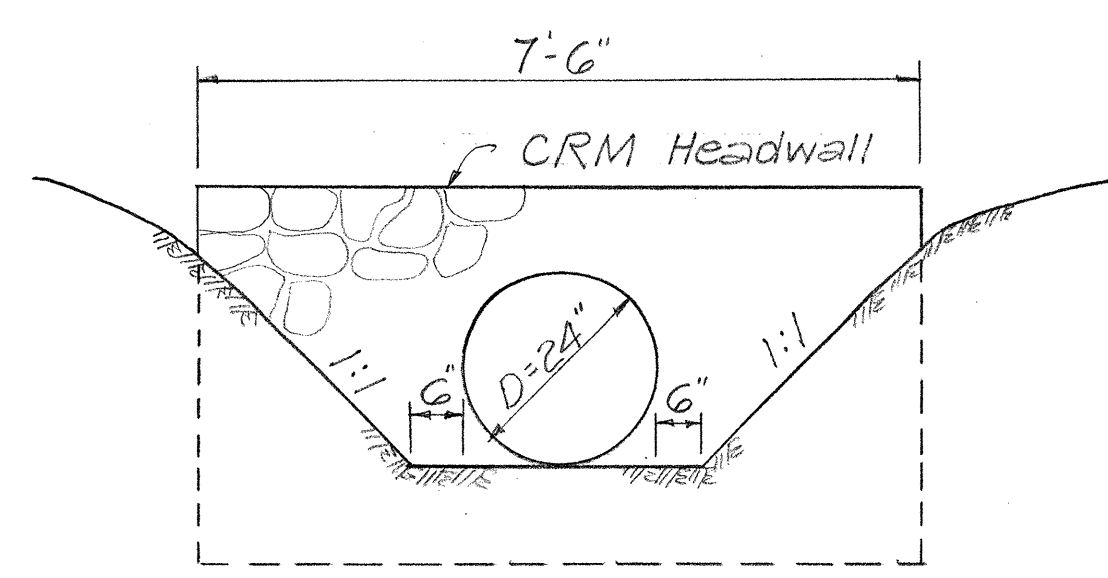


SECTION A-A

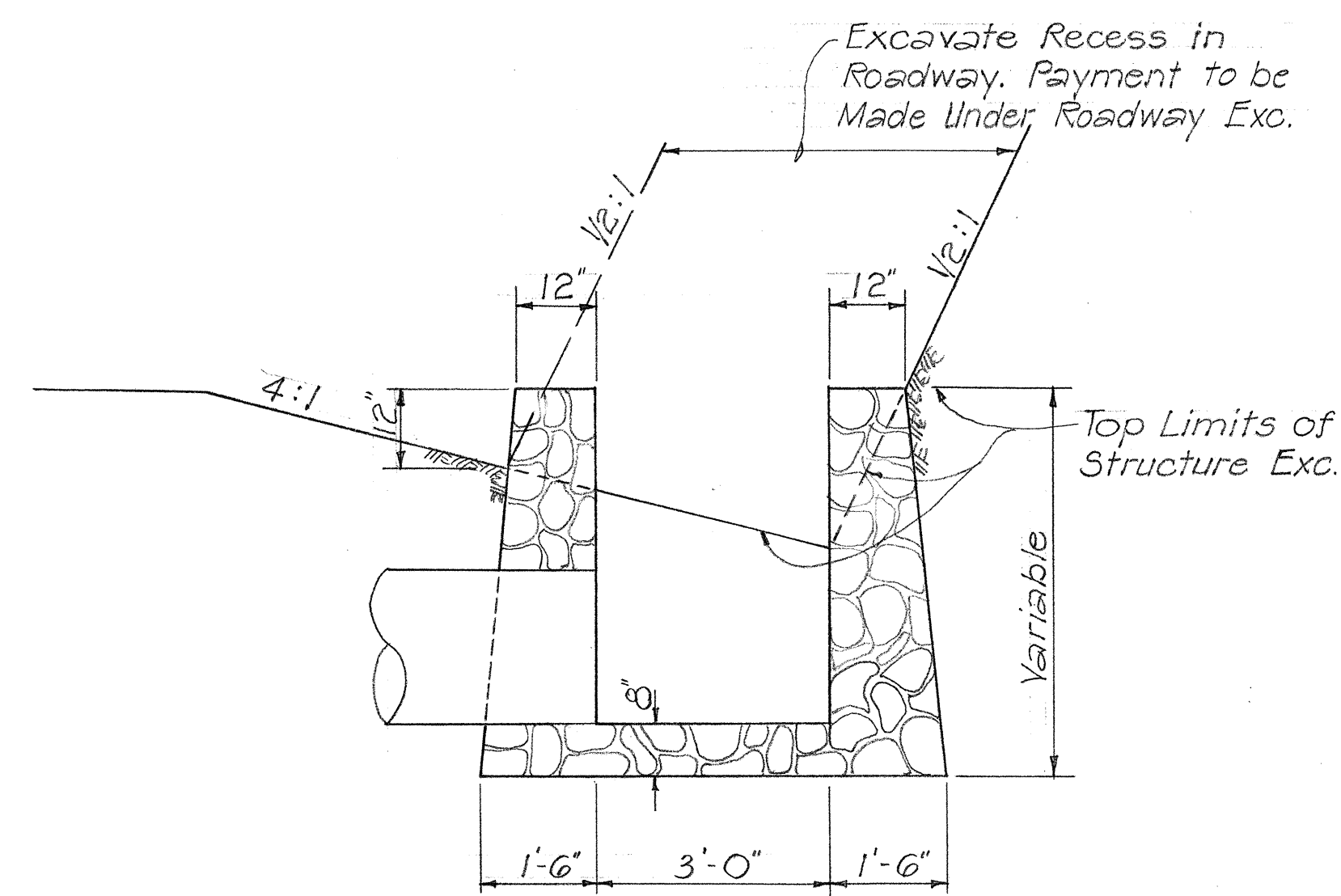


PLAN

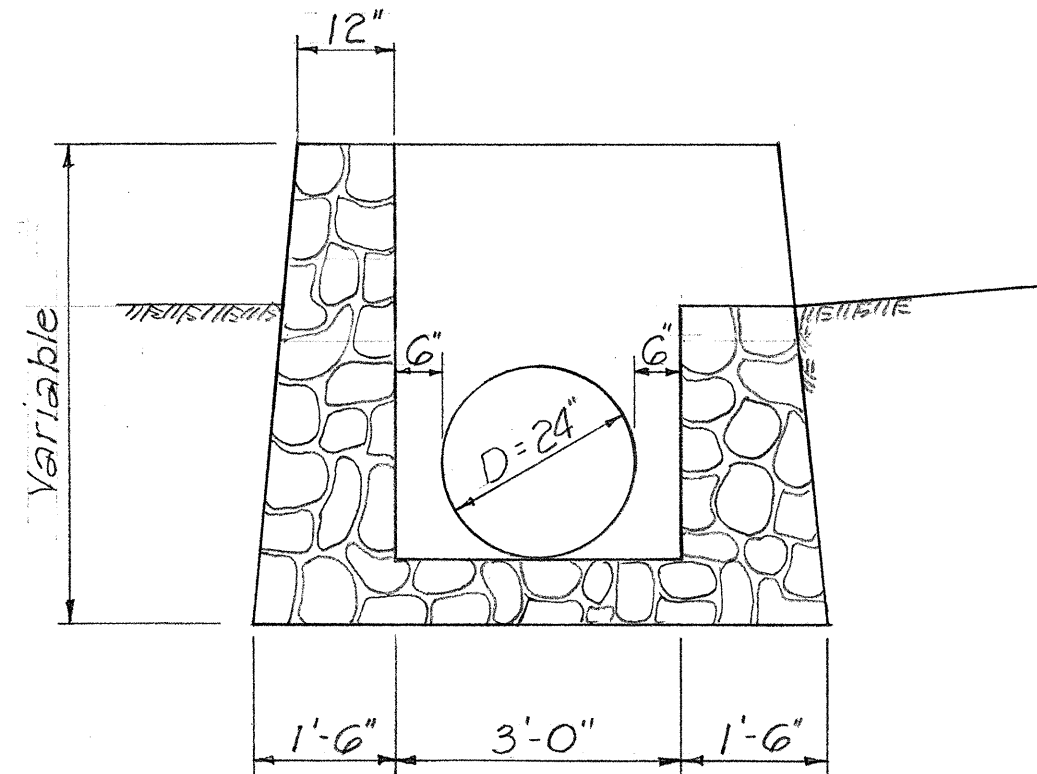
DETAIL OF GRP APRON  
Scale: 1/2" = 1'-0"



DETAIL OF INLET & OUTLET DITCH  
Scale: 1/2" = 1'-0"



SECTION A-A



SECTION B-B

DETAIL OF CRM DROP INTAKE  
Scale: 1/2" = 1'-0"

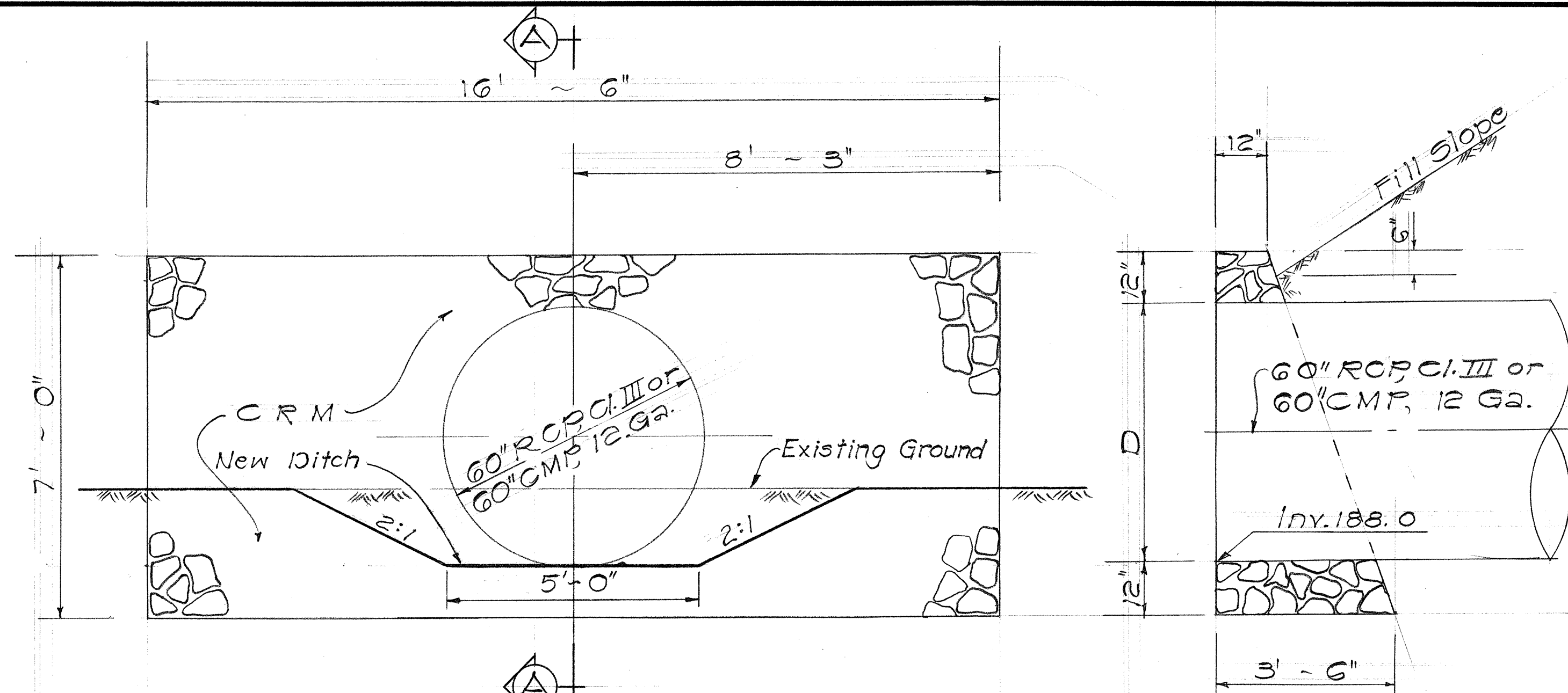
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

DRAINAGE DETAILS

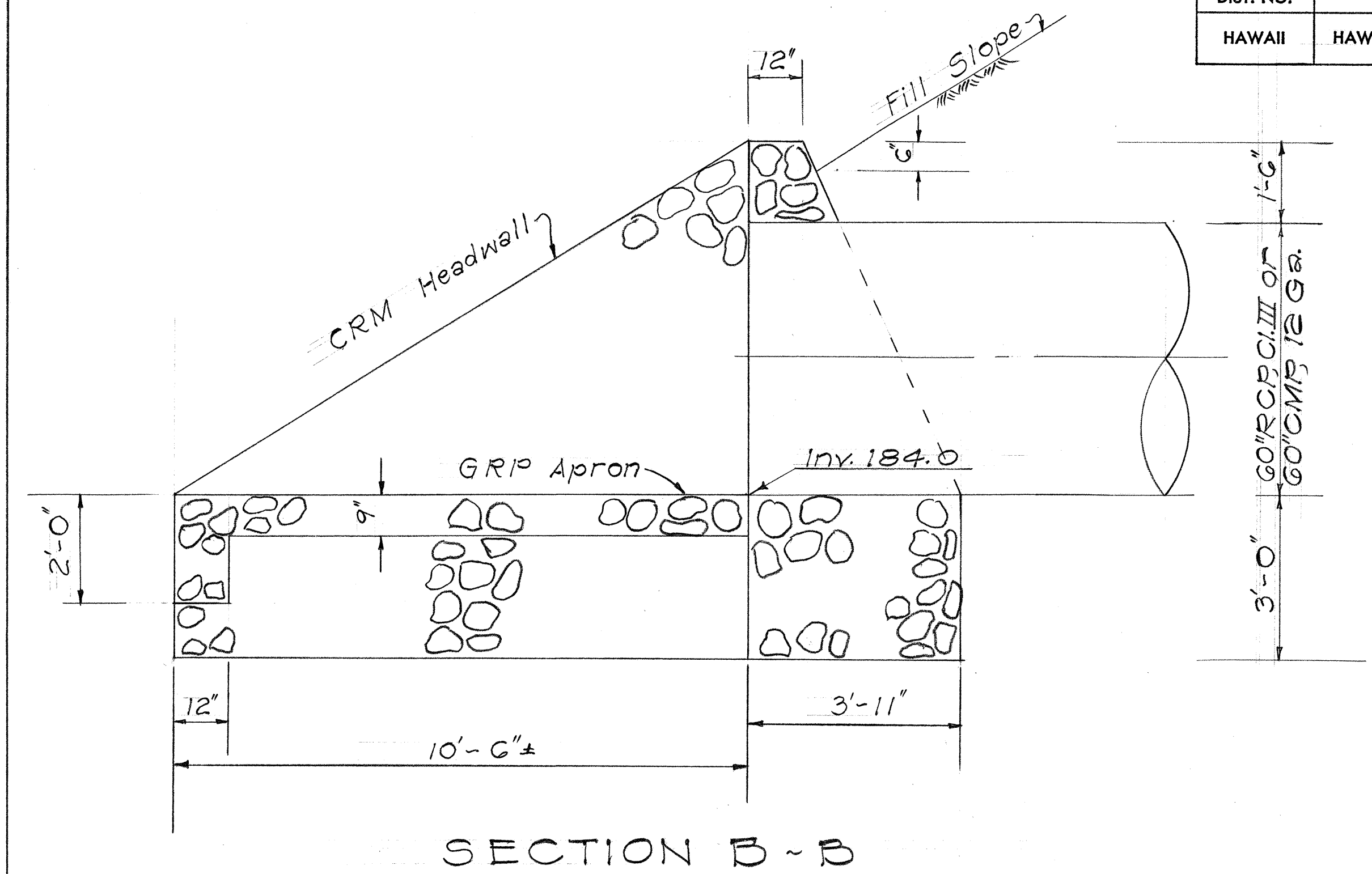
KAHEKILI HIGHWAY  
HONOKOHAIU STREAM TO POELUA GULCH  
PROJ. No. 330C-03-70  
SCALE: AS NOTED APR. 1970

SHEET No. 2 OF 5 SHEETS

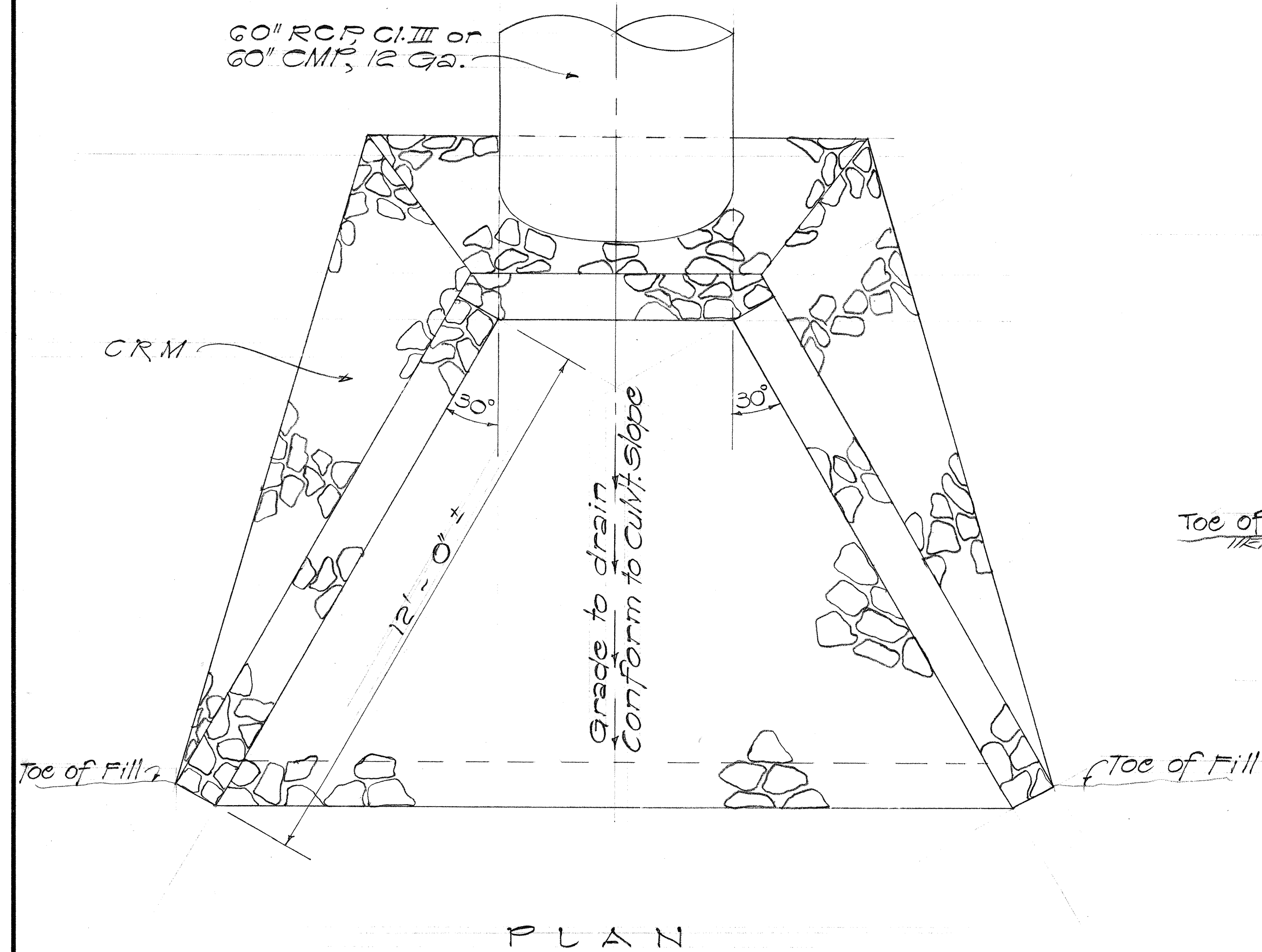
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 330C-03-70 | 1970        | 21        | 30           |



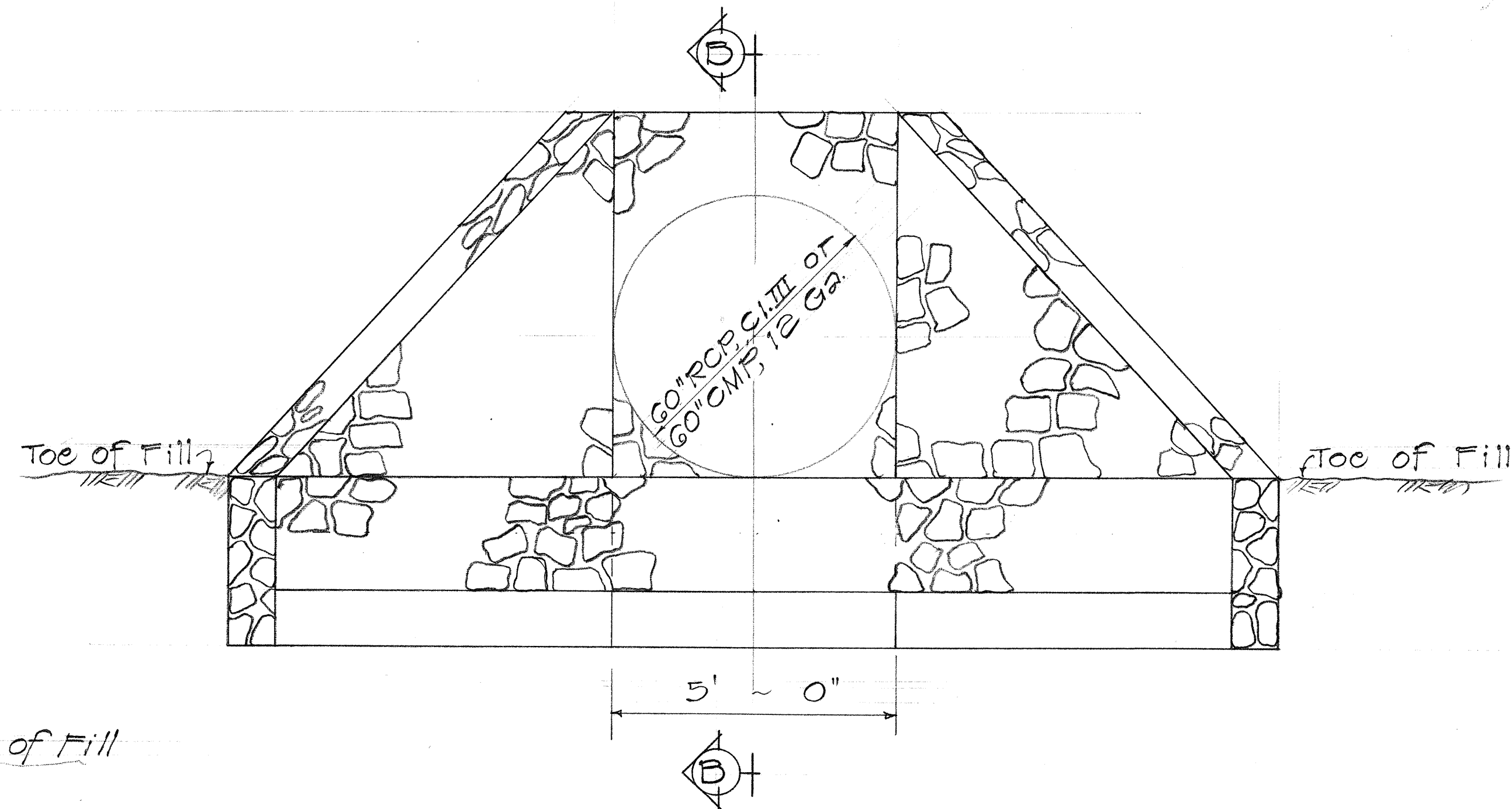
ELEVATION  
DETAILS OF CRM HEADWALL-INLET  
Scale: 1/2" = 1'-0"



SECTION B-B



PLAN



FRONT ELEVATION

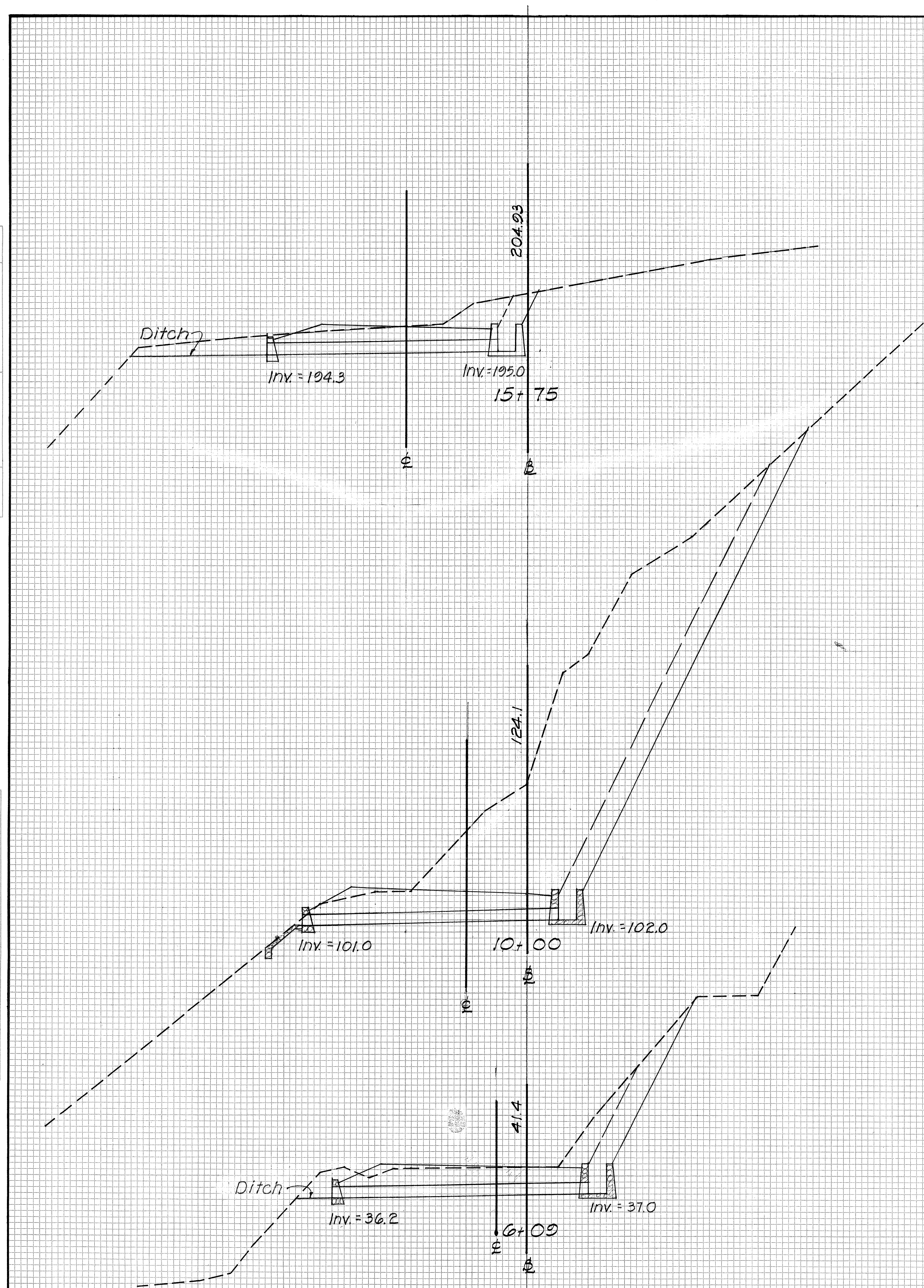
DETAILS OF CRM OUTLET STRUCTURE  
Scale: 1/2" = 1'-0"

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
DRAINAGE DETAILS  
INLET & OUTLET STRUCTURE  
AT STA. 156+11  
KAHEKILI HIGHWAY  
HONOKOHU STREAM TO POELUA GULCH  
PROJ. NO. 330C-03-70  
Scale: 1/2" = 1'-0" Date:  
SHEET No. 3 OF 5 SHEETS

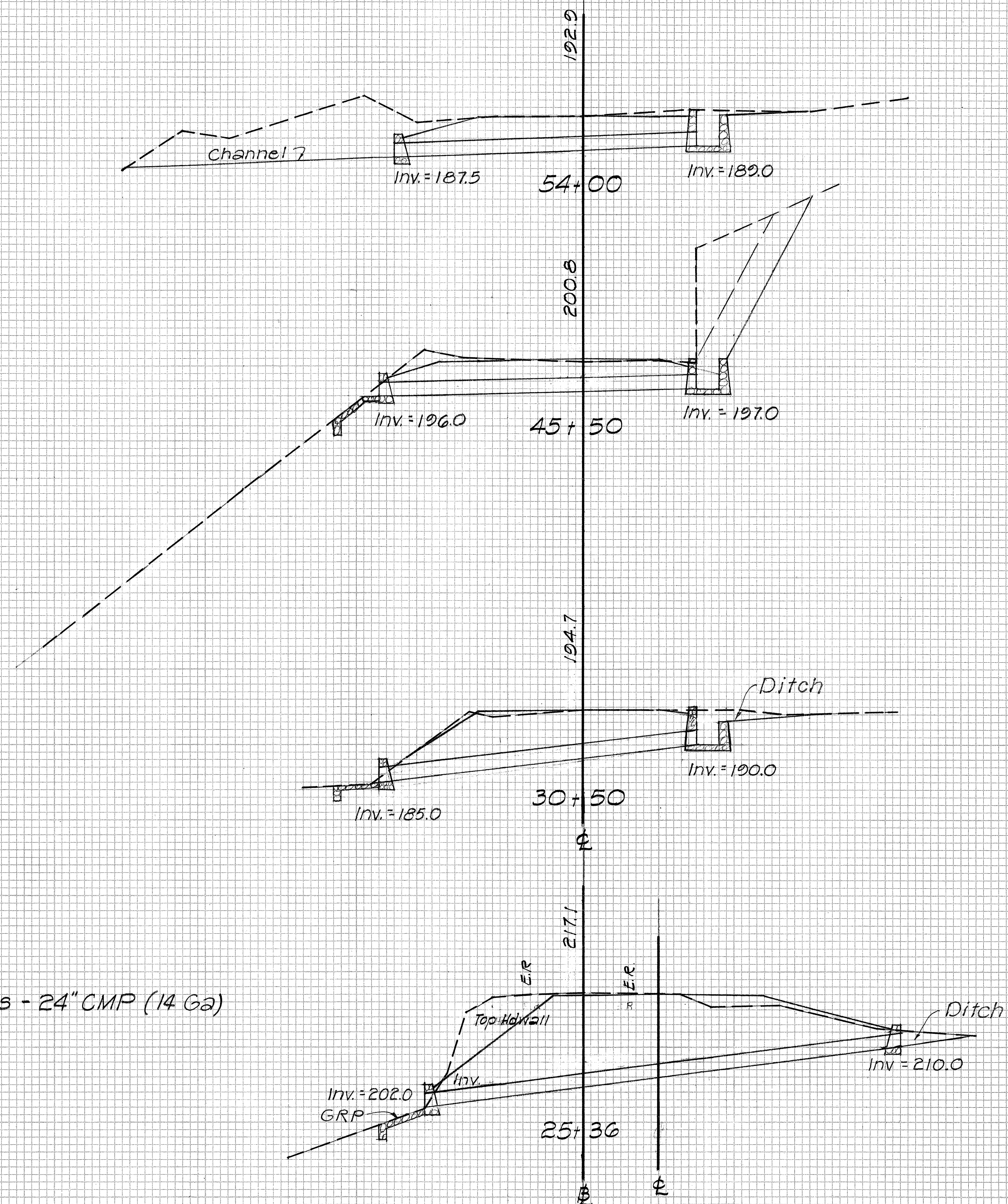
| FED. ROAD<br>DIST. NO. | STATE | PROJ. NO.  | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-------|------------|----------------|--------------|-----------------|
| HAWAII                 | HAW.  | 330C-03-70 | 1970           | 22           | 30              |

[illegible]

|                 |               |                    |                |
|-----------------|---------------|--------------------|----------------|
| ORIGINAL SURVEY | SURVED        | BY                 | DATE           |
| NOTED BOOK      | PLOTTED       |                    |                |
|                 | TEMPLATE      | <i>P. Sakugawa</i> | <i>2-20-70</i> |
|                 | AREAS         |                    |                |
|                 | AREAS CHECKED |                    |                |
| NO.             |               |                    |                |



NOTE :  
All Culverts - 24" CMP (14 Ga)

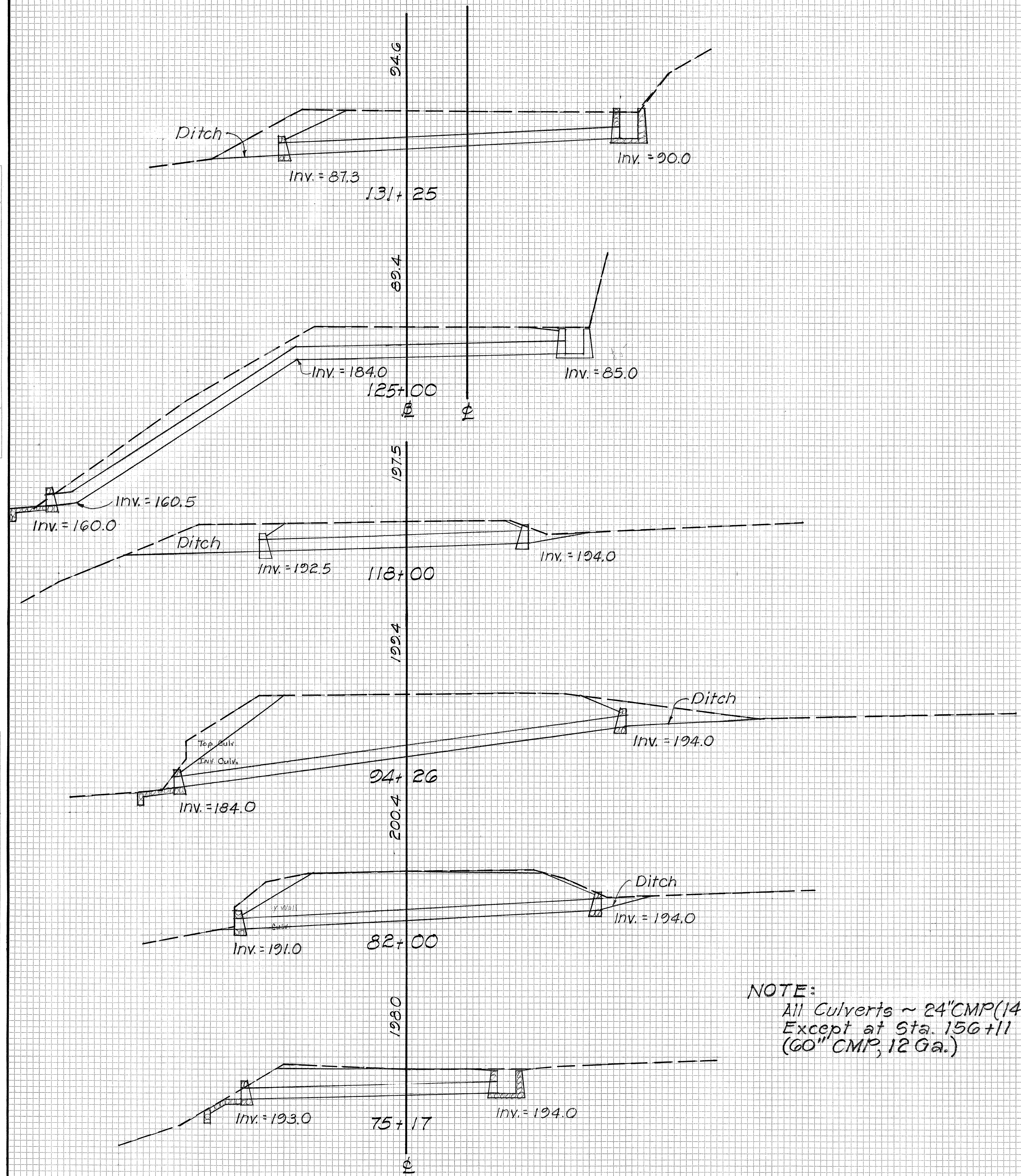


SHEET No. 4 OF 5 SHEETS

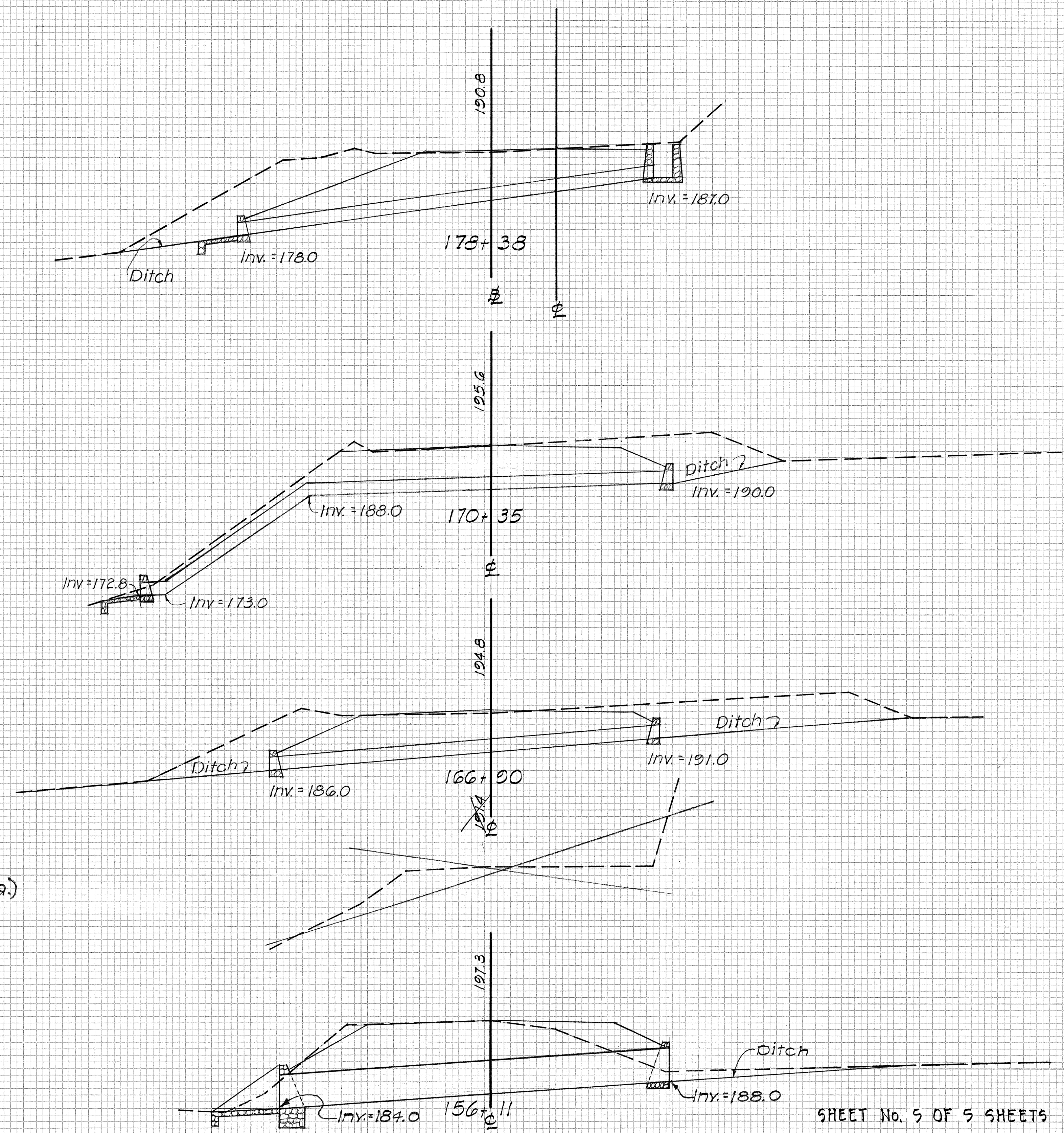
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 330C-03-70 | 1970        | 23        | 30           |

|              |      |
|--------------|------|
| FINAL SURVEY | DATE |
| NO. 1        |      |

|                 |         |
|-----------------|---------|
| ORIGINAL SURVEY | DATE    |
| NO. 2           | 2-20-70 |



NOTE:  
All Culverts ~ 24" CMP (14 Ga.)  
Except at Sta. 156+11  
(60" CMP, 12 Ga.)



SHEET No. 5 OF 5 SHEETS