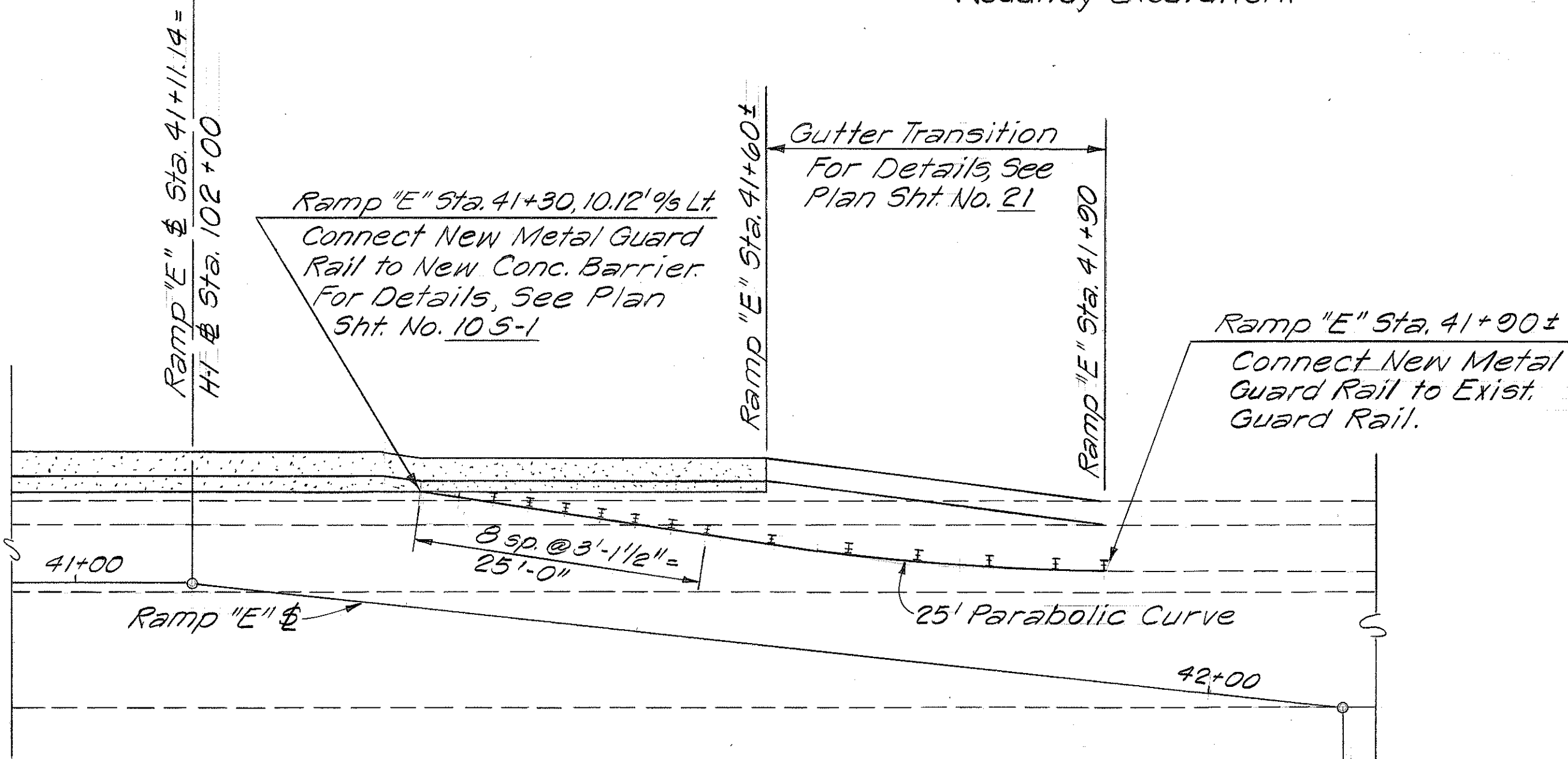


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-IR-HI-1(165):10  | 1983        | 10        | 64           |

### GUARD RAIL NOTES

1. The removal and disposal of existing Guard Rail and Anchor Blocks called for in the plans will not be paid for and considered incidental to New Guard Rail.
2. The W Beam Terminal Connectors, Anchor Bolts and all accessories required for the End Connections will not be paid for and considered incidental to New Guard Rail. All Anchor Bolts shall be high strength bolts conforming to ASTM A-325.
3. All Reinforcing Steel required for the New Concrete Rigid Barrier Wall will not be paid for separately but shall be considered incidental.
4. Excavation for the New Concrete Rigid Barrier Wall and GRP removal will be measured and paid for under Roadway Excavation.

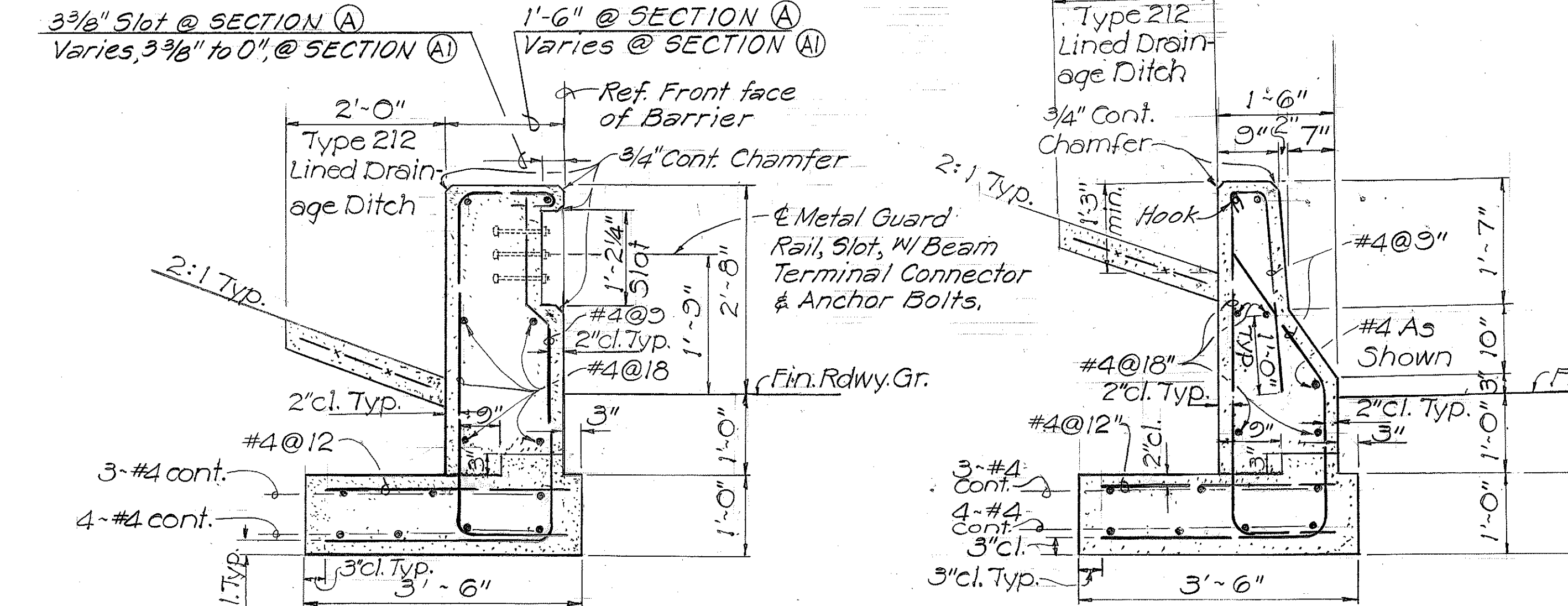
SECTION AT WEEP HOLE  
Scale: 3/4"=1'-0"



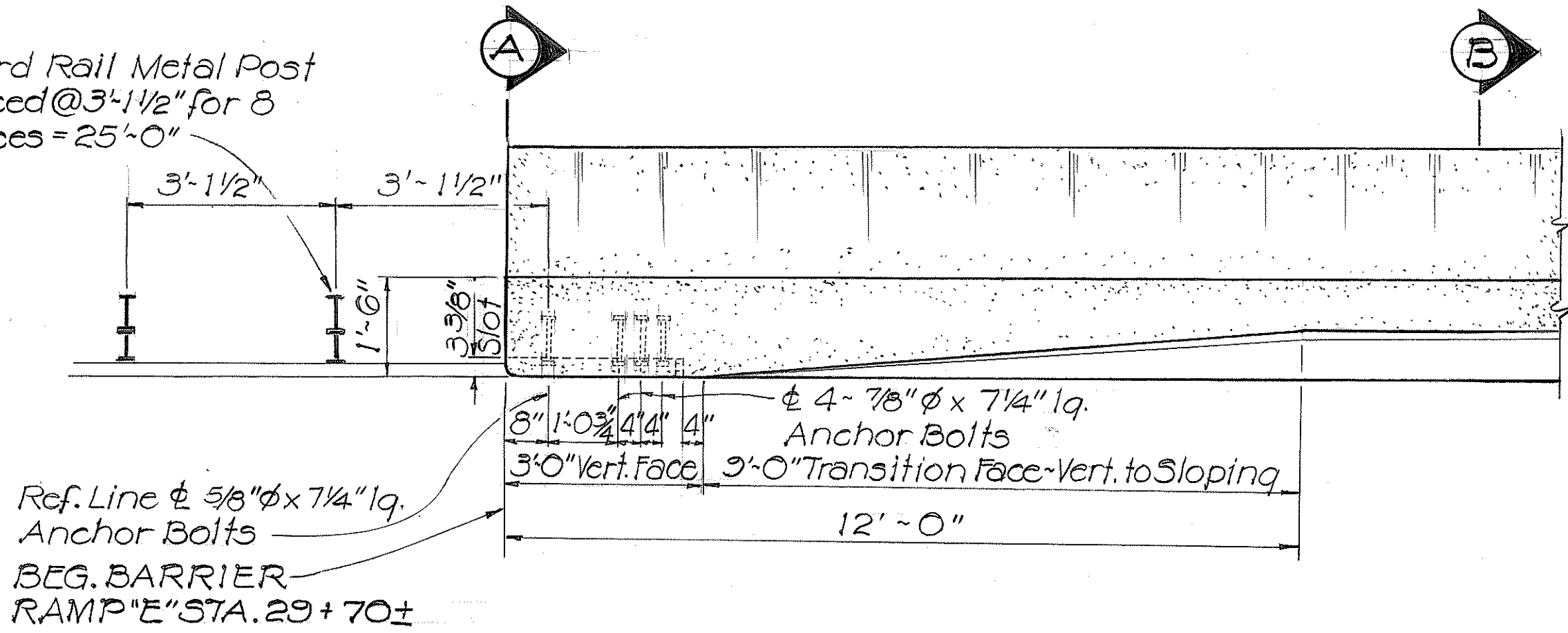
CONCRETE RIGID BARRIER PLAN  
Scale: 1"=10'-0"

SECTION A AND A1  
Scale: 3/4"=1'-0"

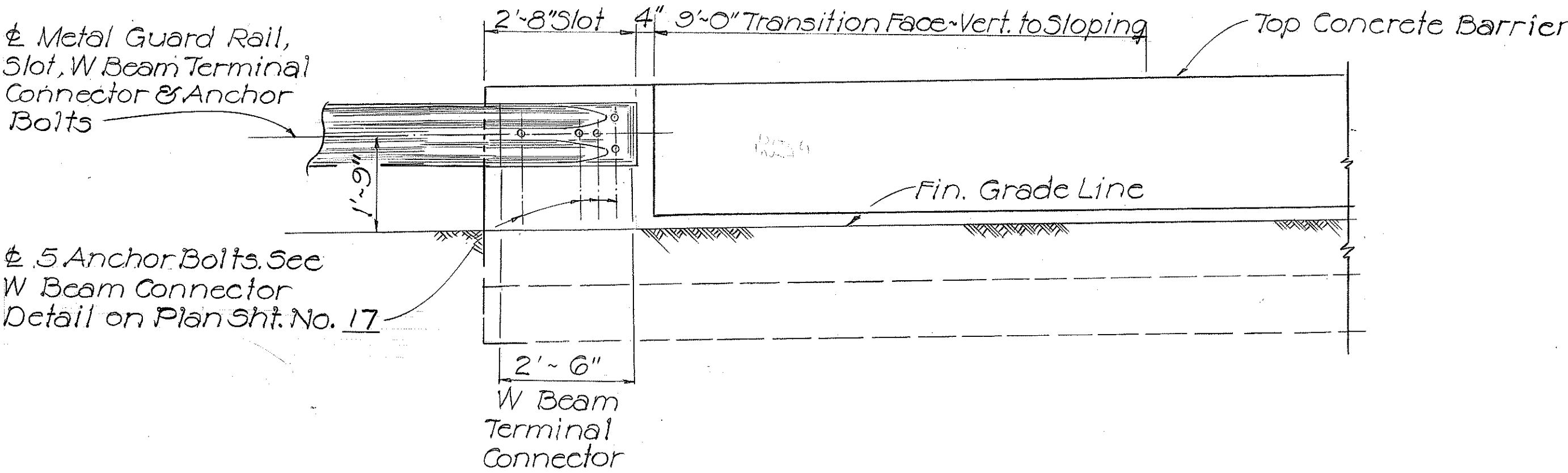
SECTION B  
Scale: 3/4"=1'-0"



Guard Rail Metal Post spaced @ 3'-1 1/2" for 8 spaces = 25'-0"



CONCRETE RIGID BARRIER WALL PARTIAL PLAN  
Scale: 1/2"=1'-0"



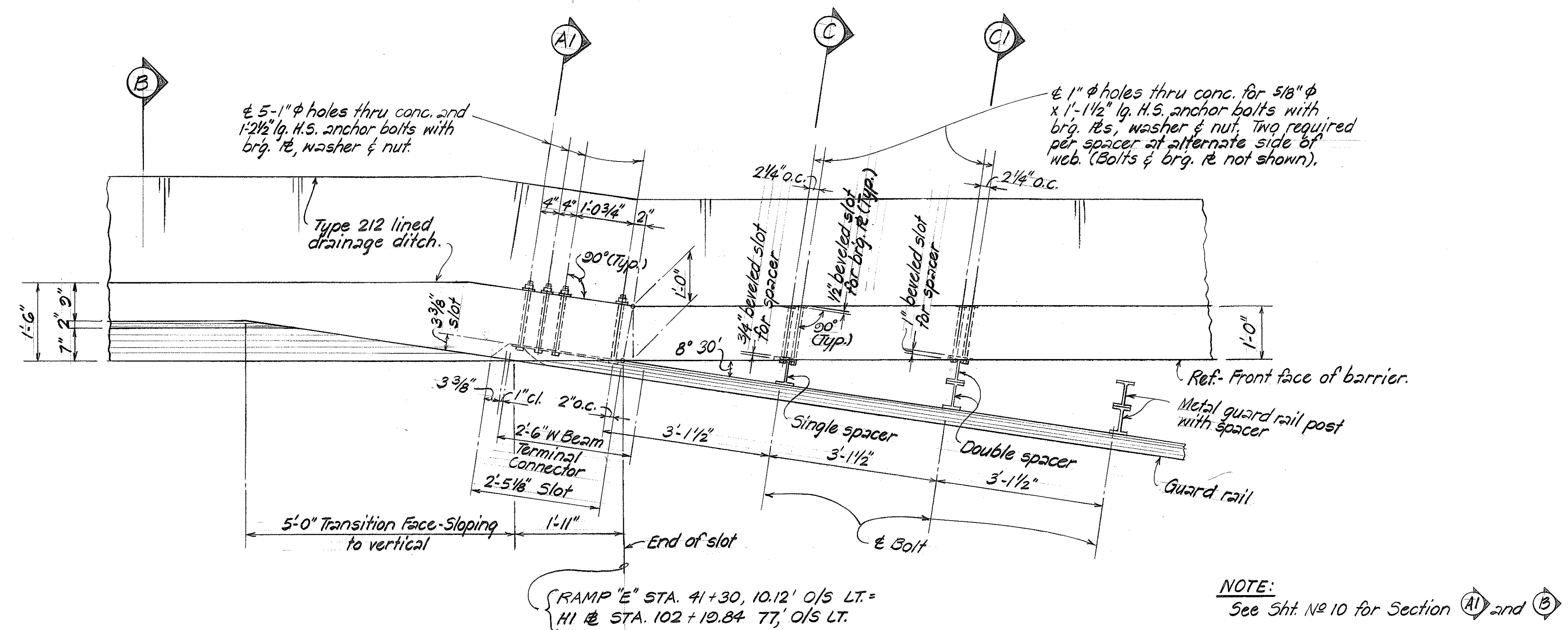
CONCRETE RIGID BARRIER WALL PARTIAL ELEVATION  
Scale: 1/2"=1'-0"

| 4/12/83 | Revised Concrete Rigid Barrier Wall Sections & Revised End Connection to Ramp "E" Sta. 41+30 |
|---------|----------------------------------------------------------------------------------------------|
| DATE    | REVISION                                                                                     |

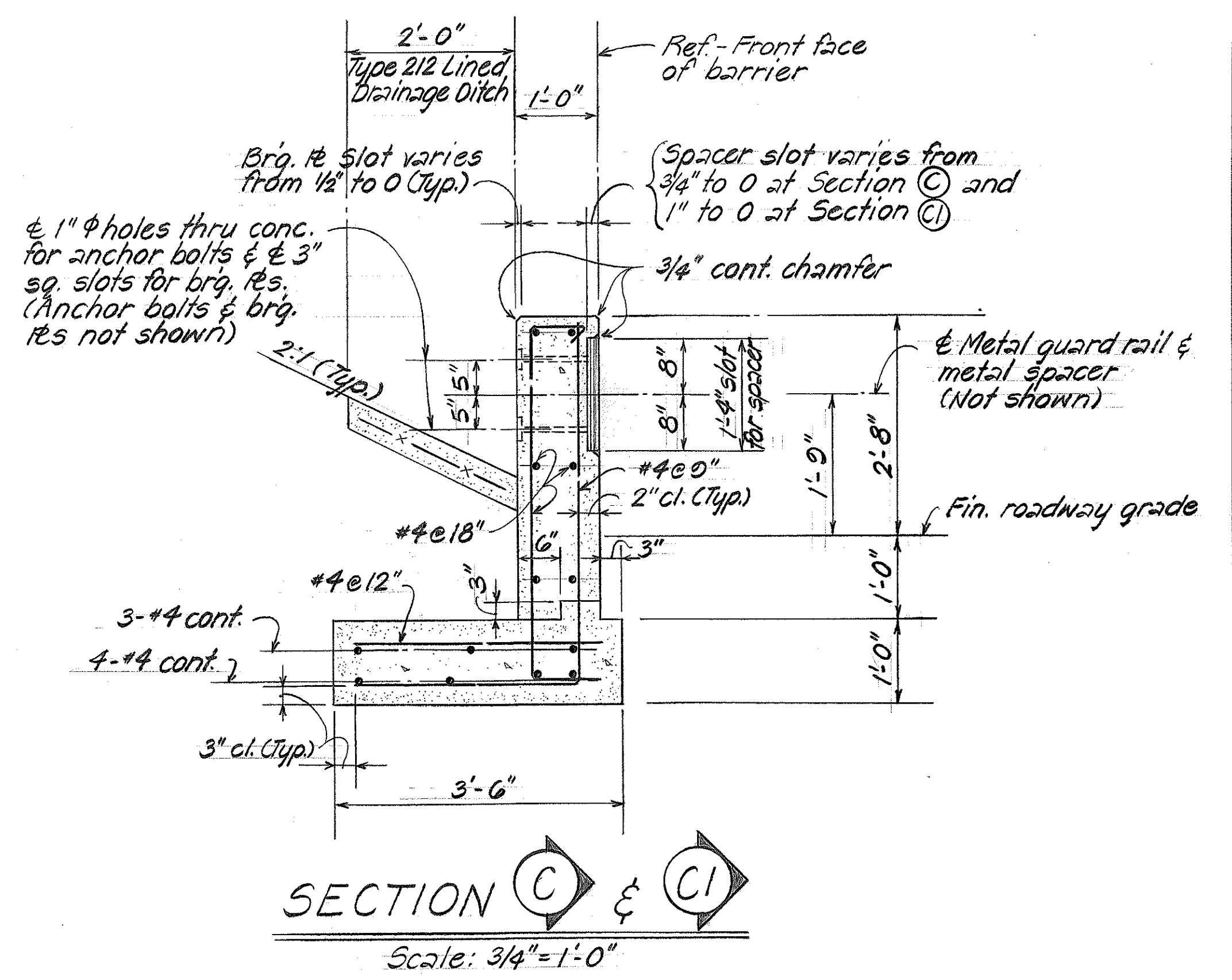
|                                                                                                |
|------------------------------------------------------------------------------------------------|
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION                           |
| <b>BARRIER WALL SECTION,<br/>PLAN &amp; DETAILS</b>                                            |
| Interstate Route H-1<br>Pearl City Off-Ramp Improvements<br>F.A.I. Proj. No. I-IR-HI-1(165):10 |
| Scale: As Shown Feb, 1983                                                                      |
| SHEET NO. OF SHEETS                                                                            |



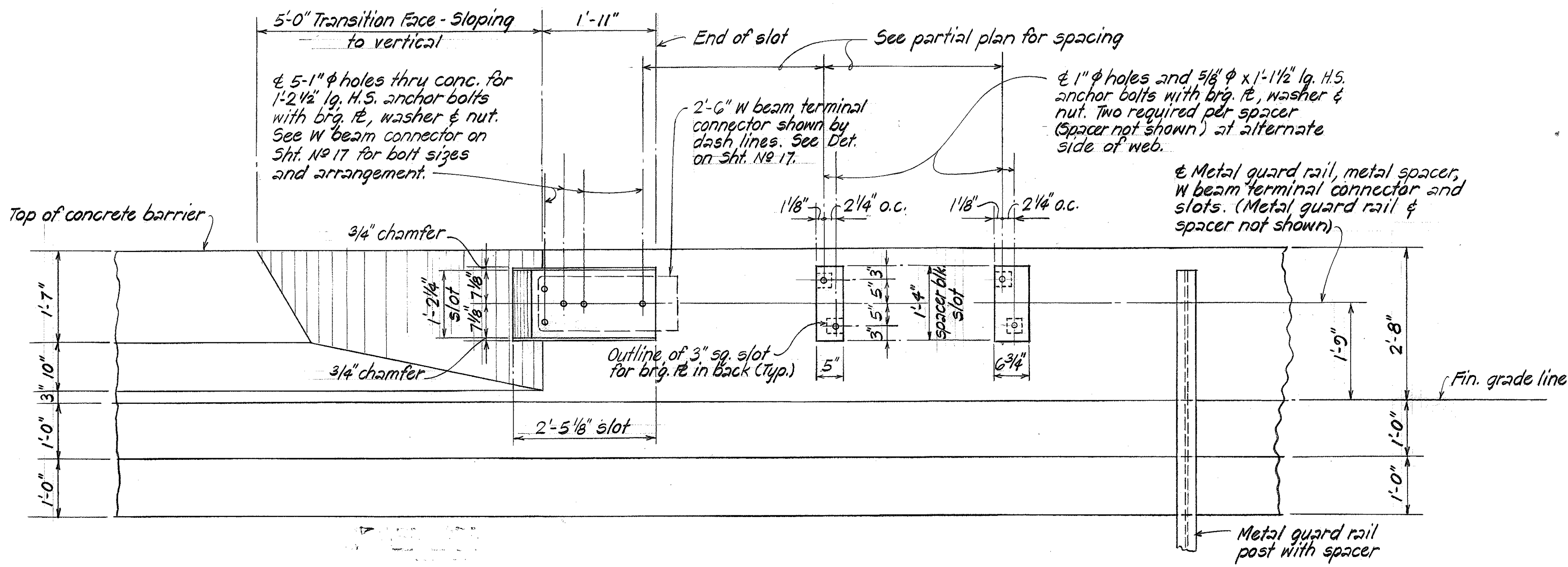
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-IR-H-1(165)10    | 1983        | 105-1     | 04           |



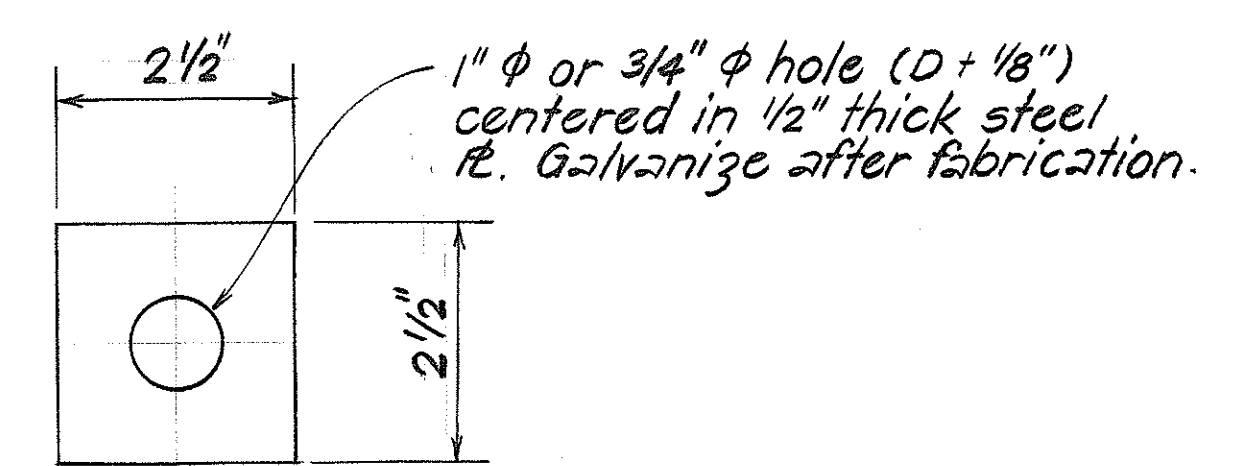
CONCRETE RIGID BARRIER WALL PARTIAL PLAN  
Scale: 3/4" = 1'-0"



SECTION C & C1  
Scale: 3/4" = 1'-0"



CONCRETE RIGID BARRIER WALL PARTIAL ELEVATION  
Scale: 3/4" = 1'-0"



BEARING PLATE DETAIL  
Not to Scale

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| TRACED BY         |      |
| QUANTITIES BY     |      |
| NOTES BOOK        |      |
| CHECKED BY        |      |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
LAND TRANSPORTATION FACILITIES DIVISION

BARRIER WALL SECTION  
PLAN & DETAILS  
Interstate Route H-1  
Pearl City Off-Ramp Improvements  
F.A.I. Proj. No. I-IR-H-1(165)10  
Scale: As Shown  
Apr, 1983

SHEET NO. 105-1 OF 105-1 SHEETS