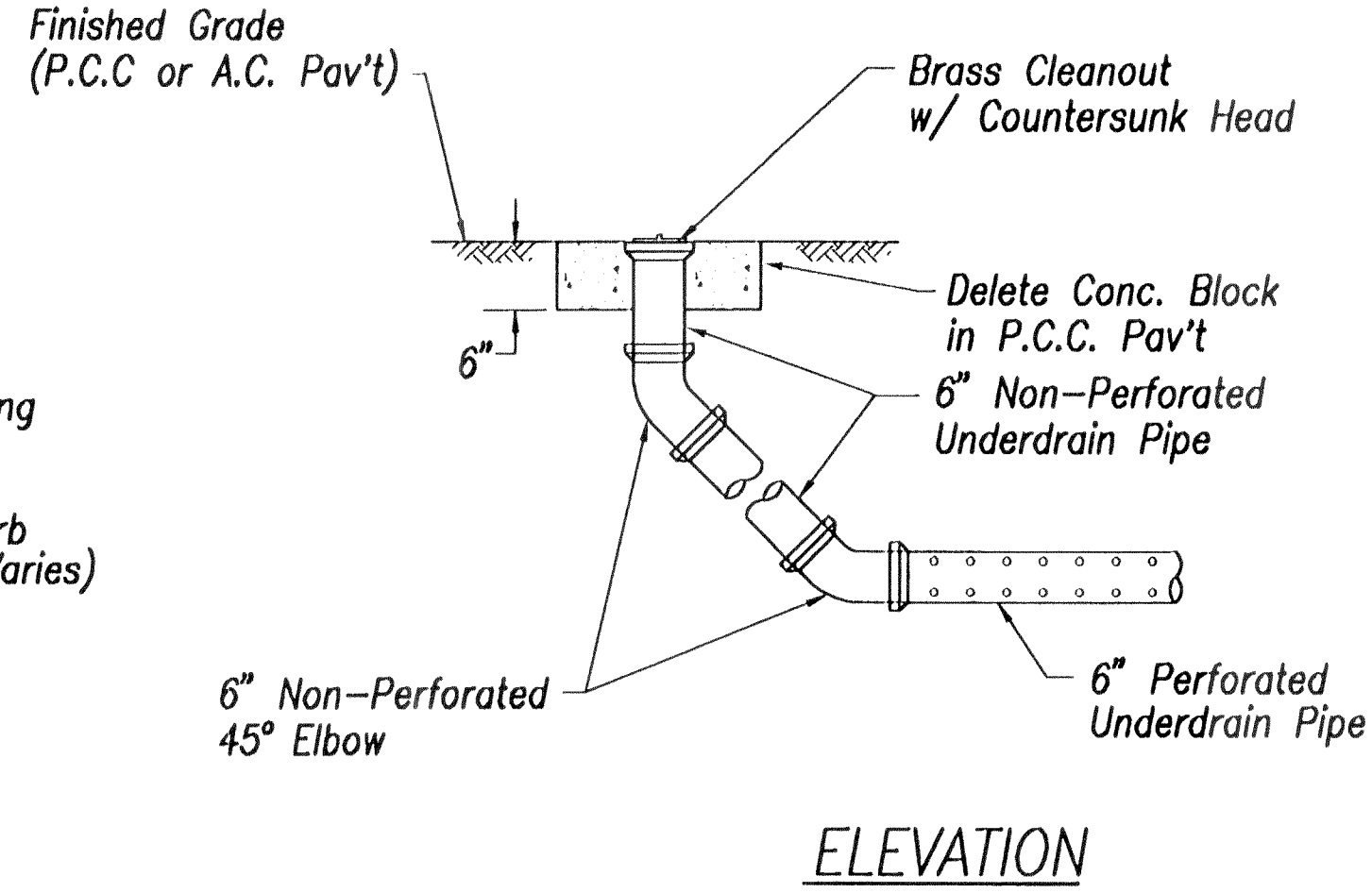
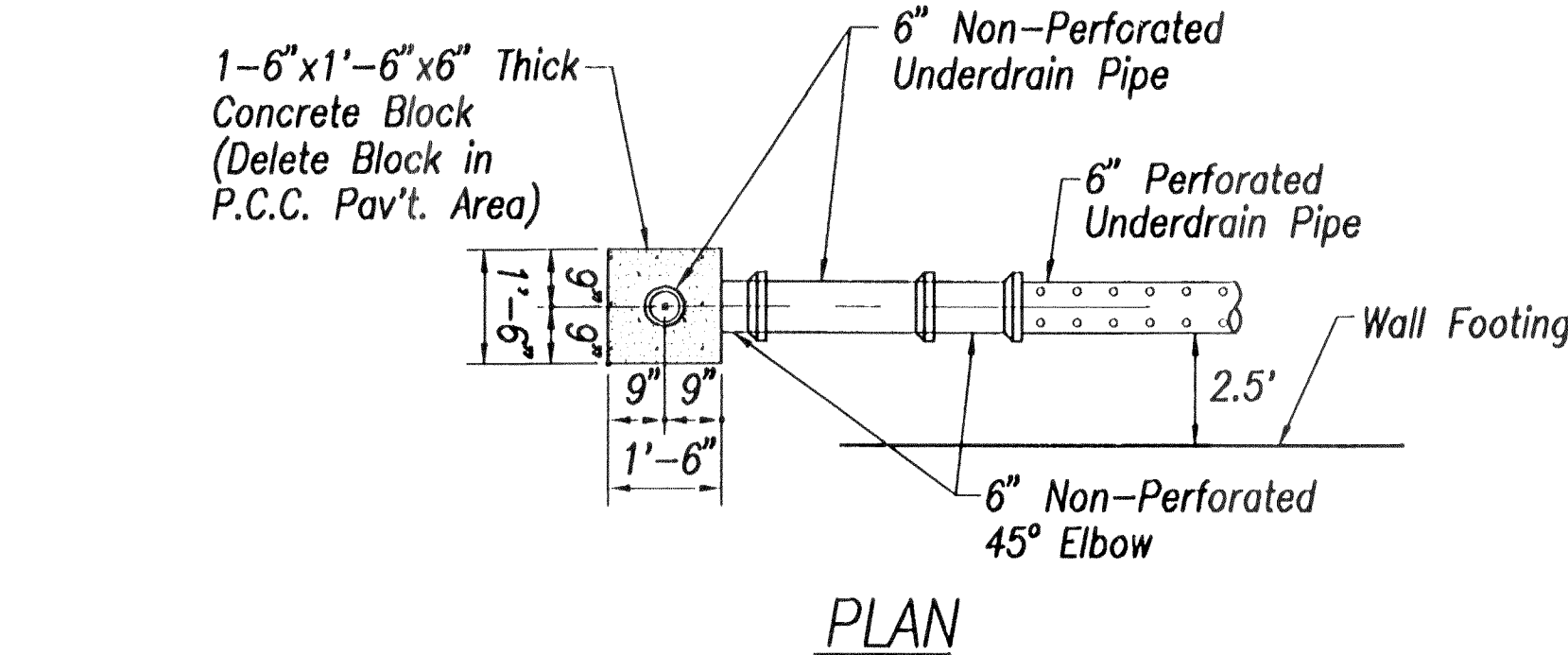
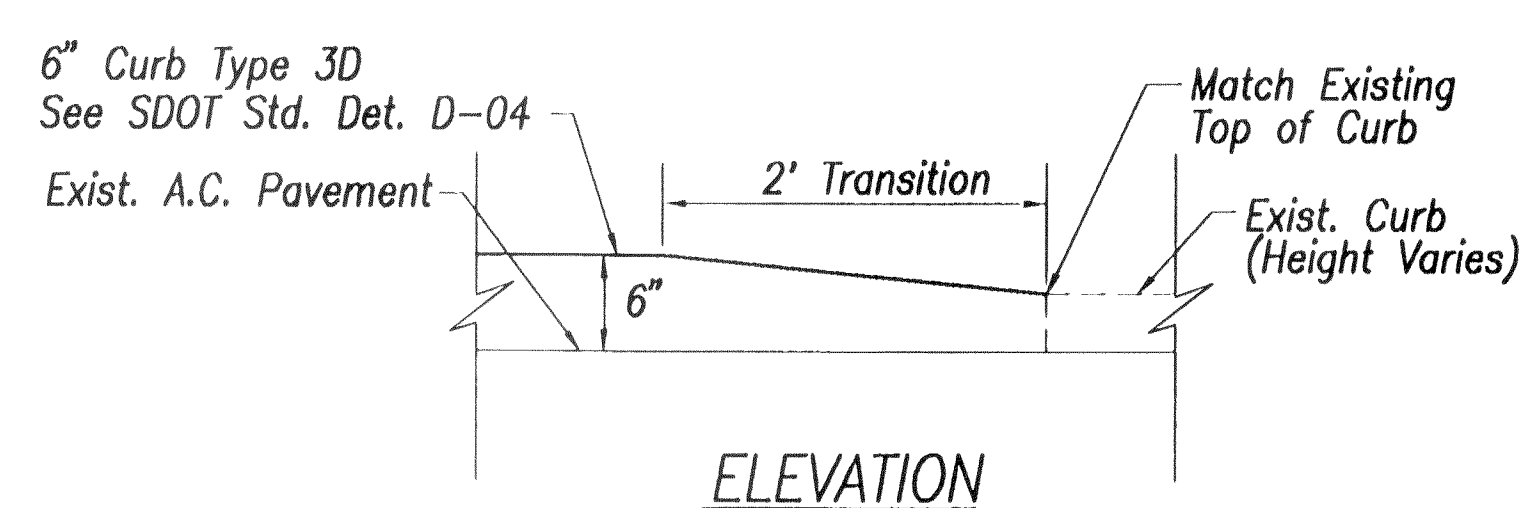
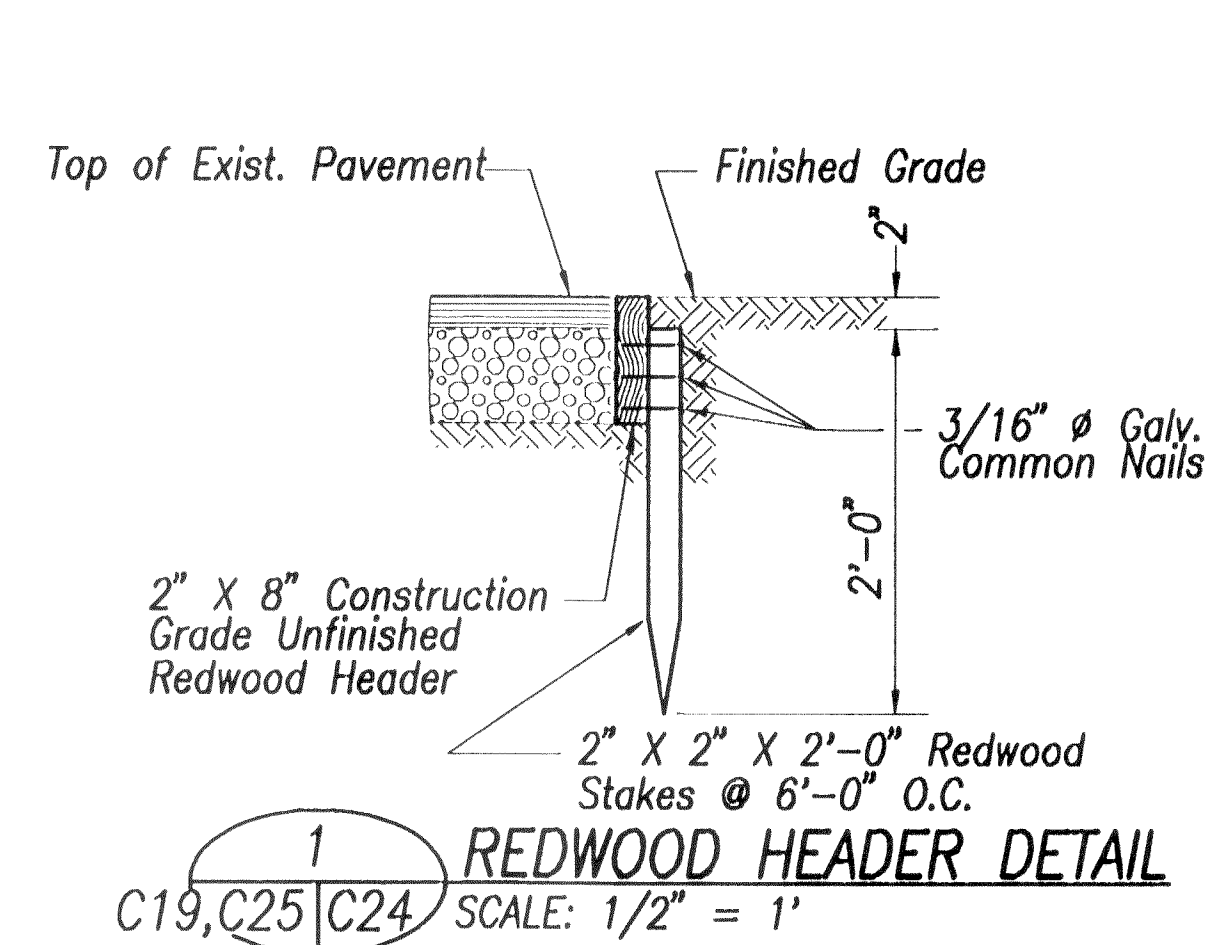
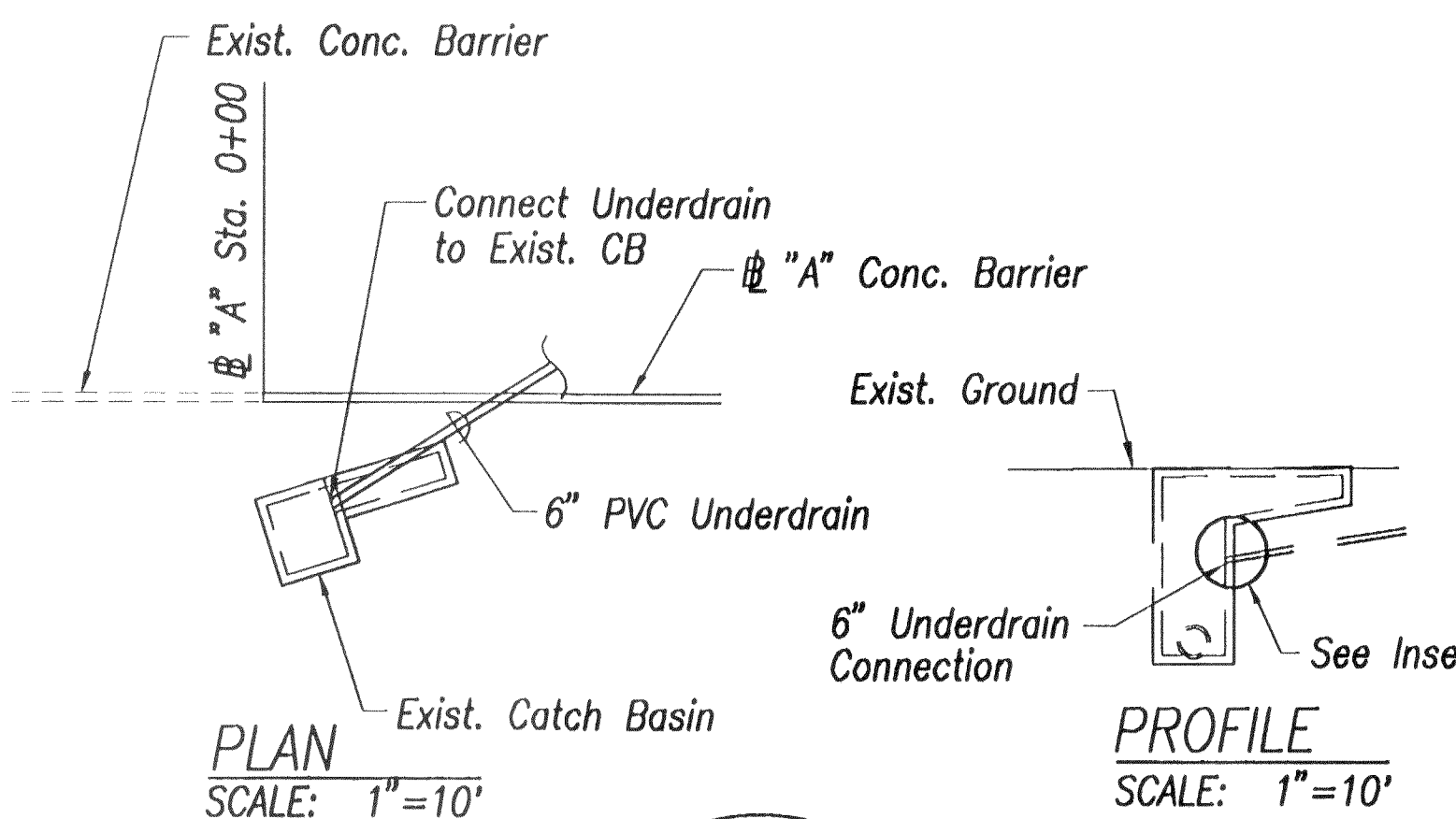
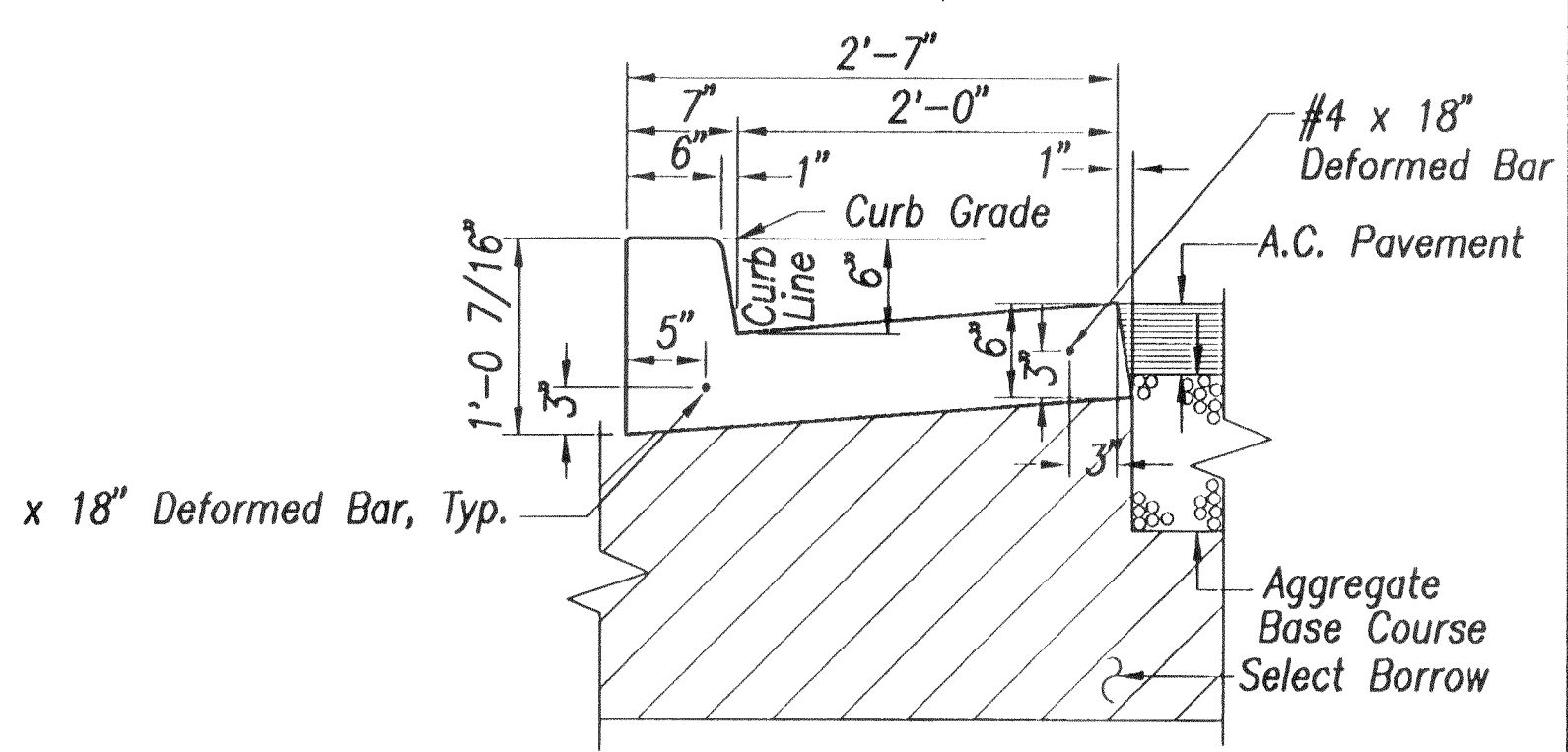
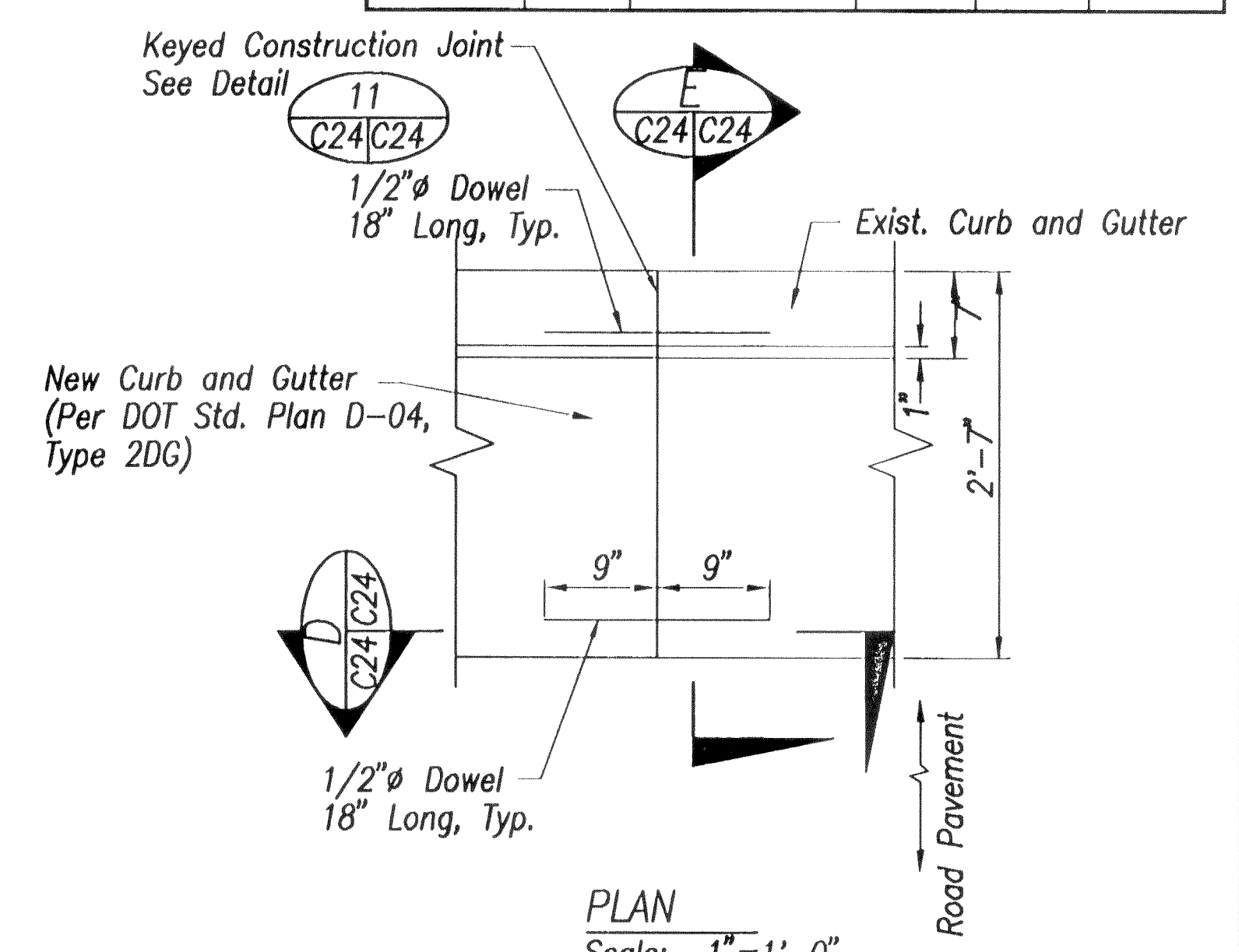
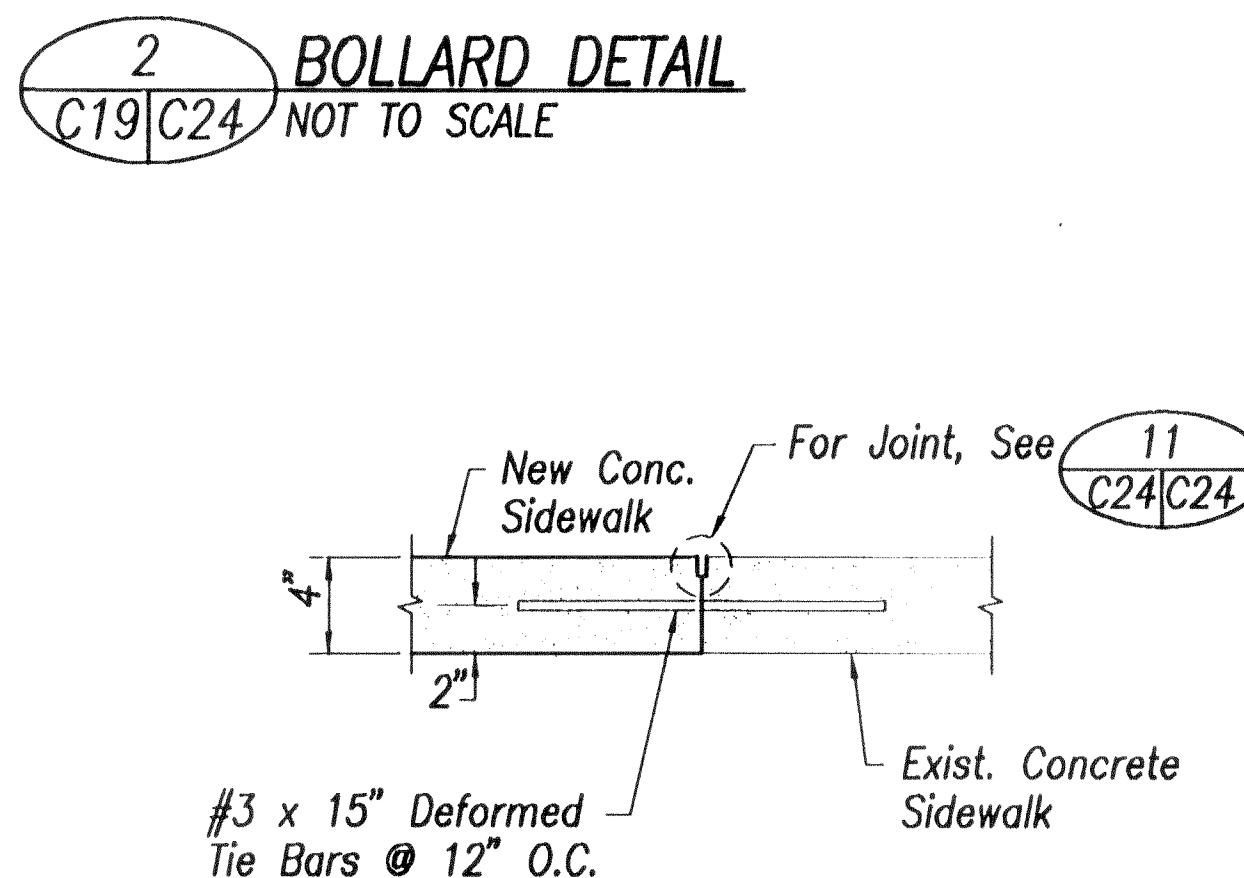
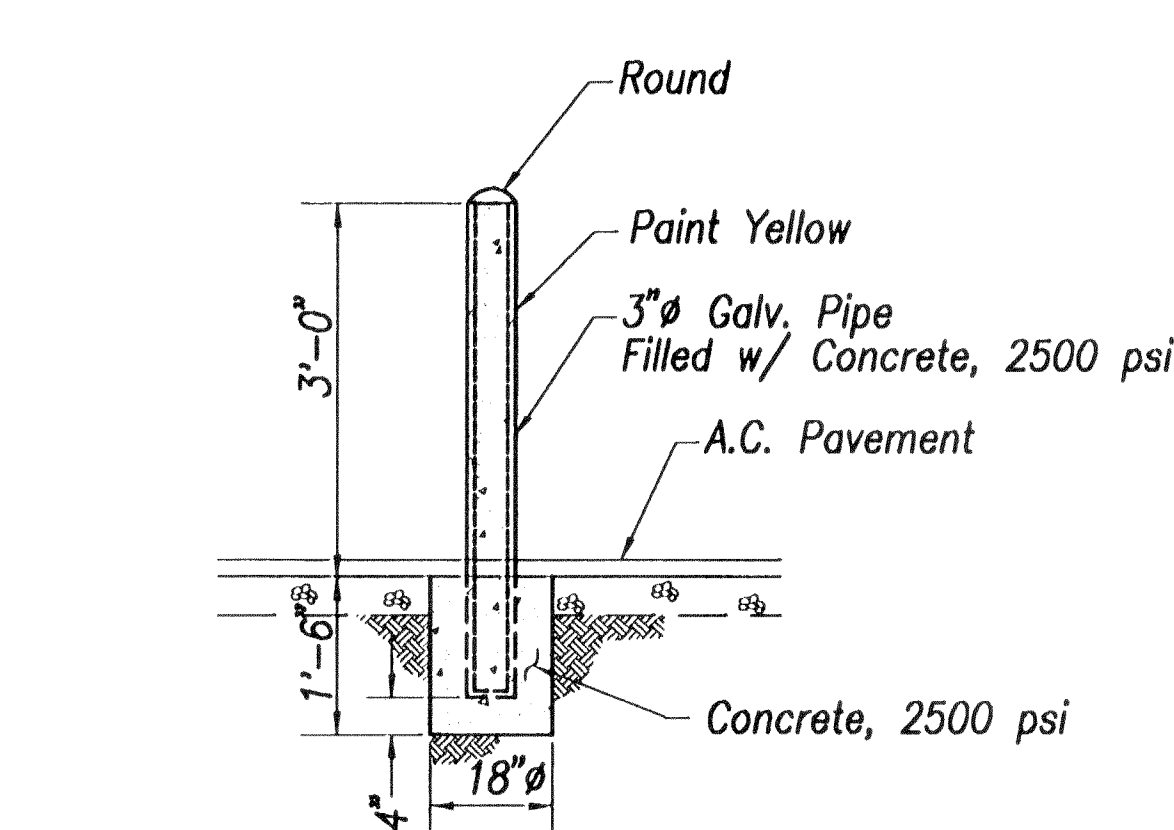


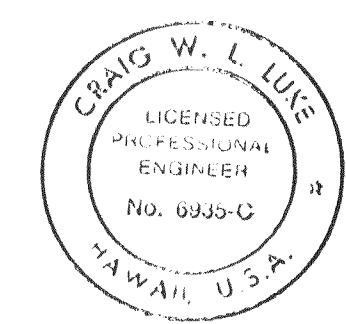
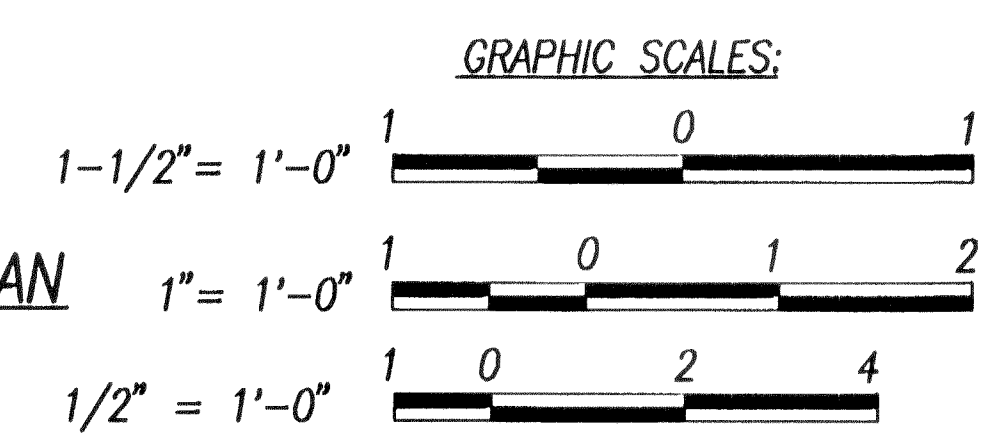
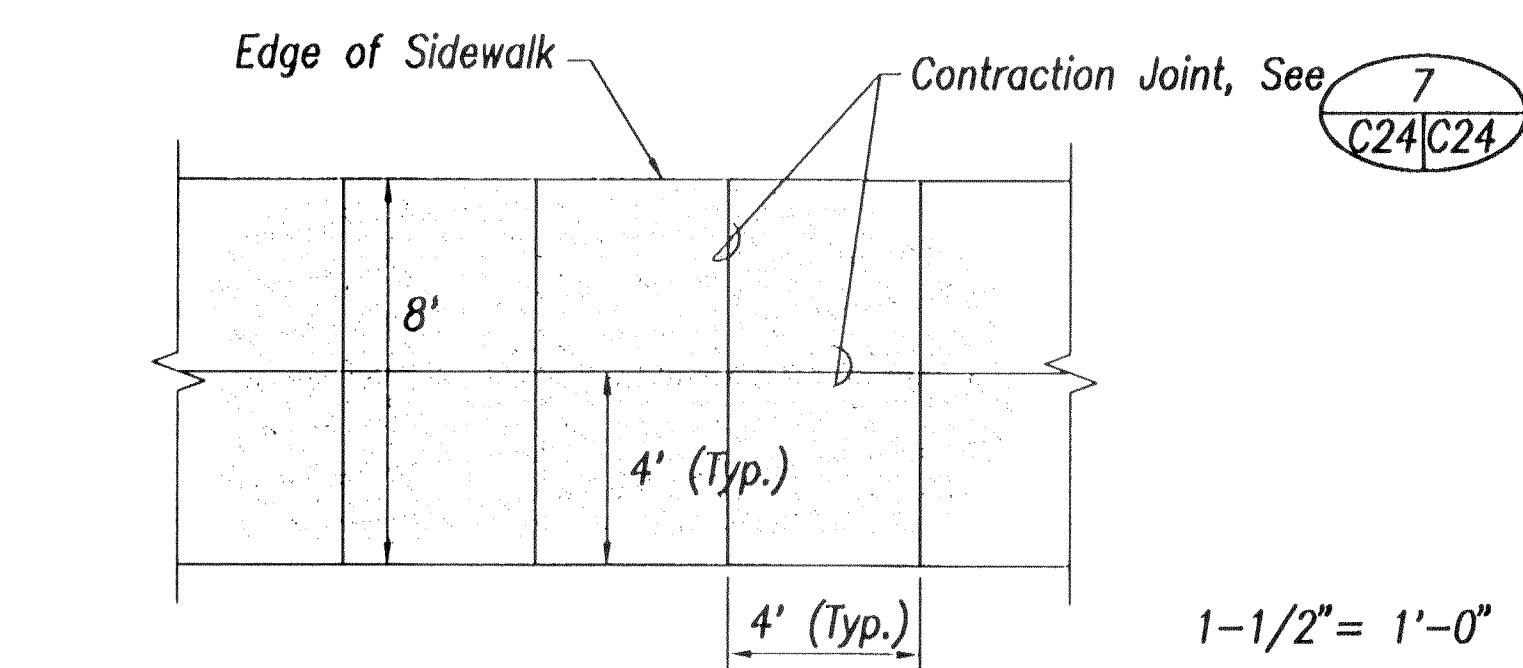
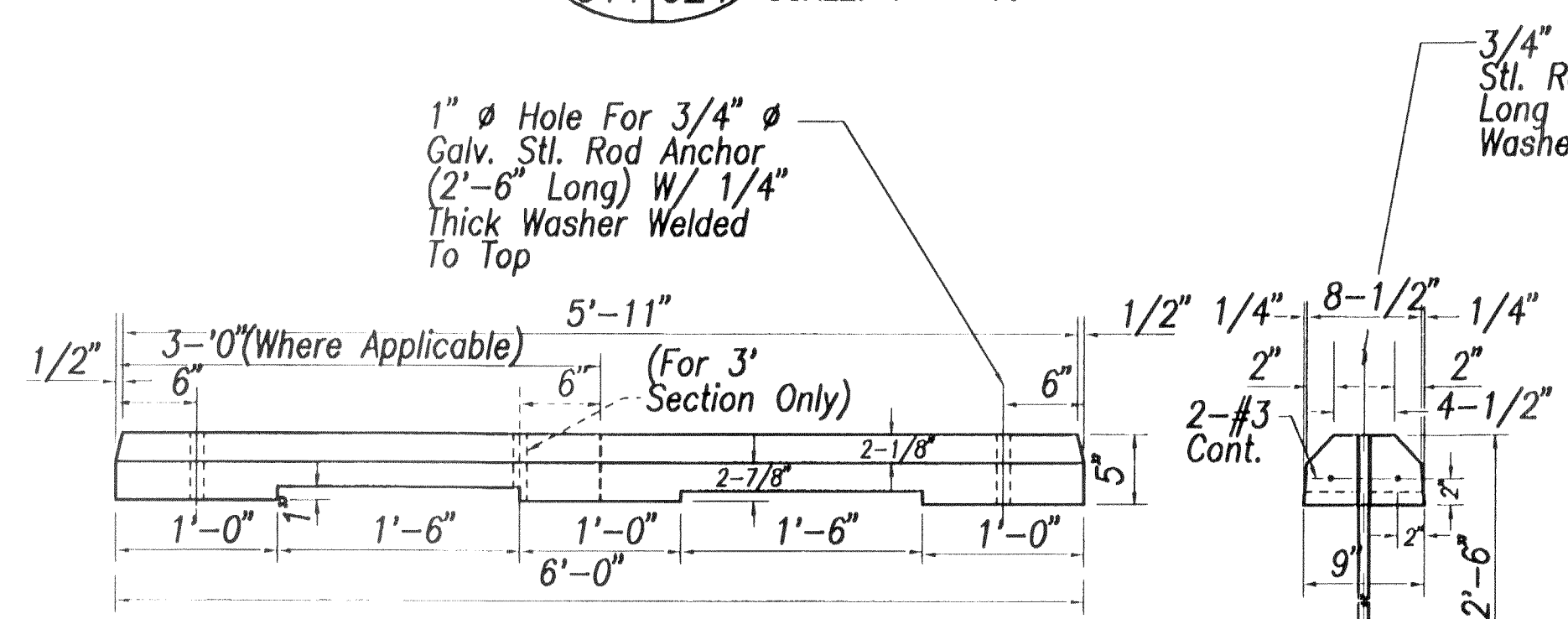
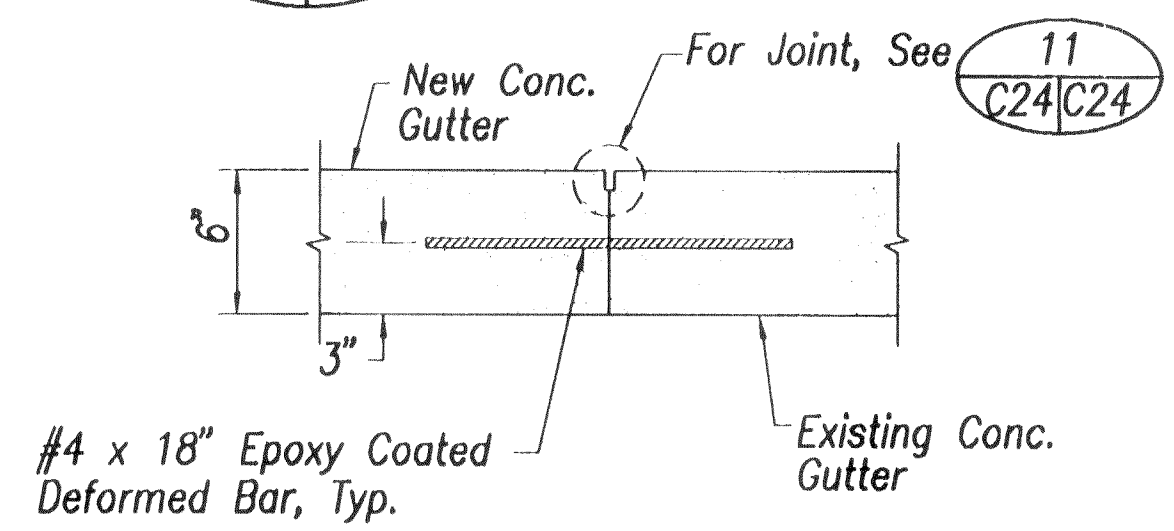
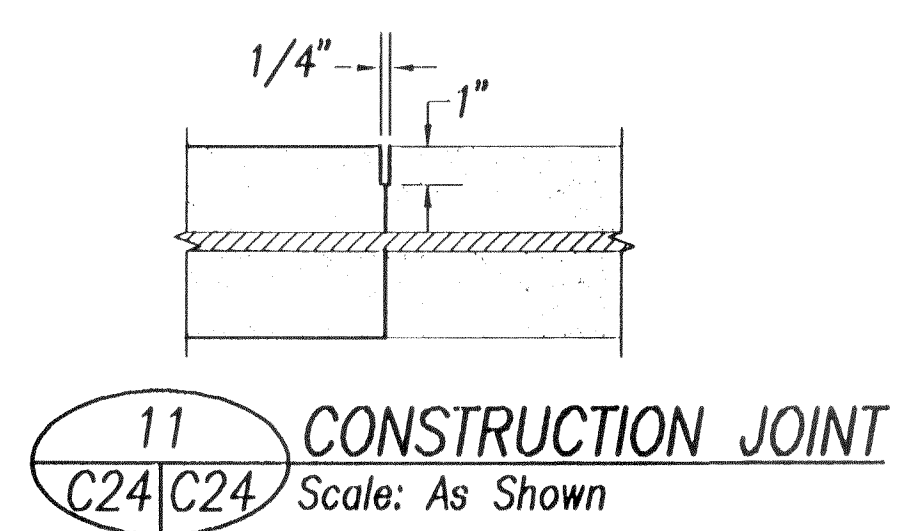
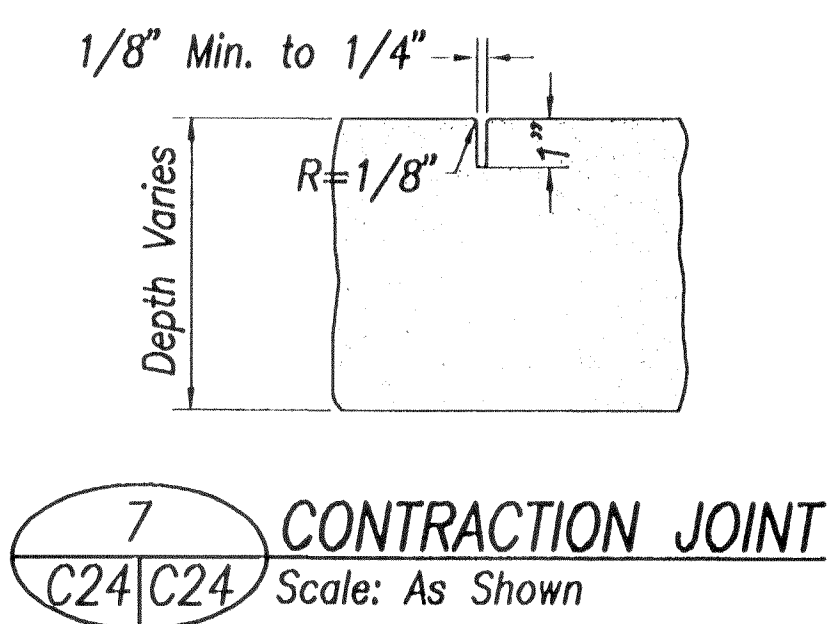
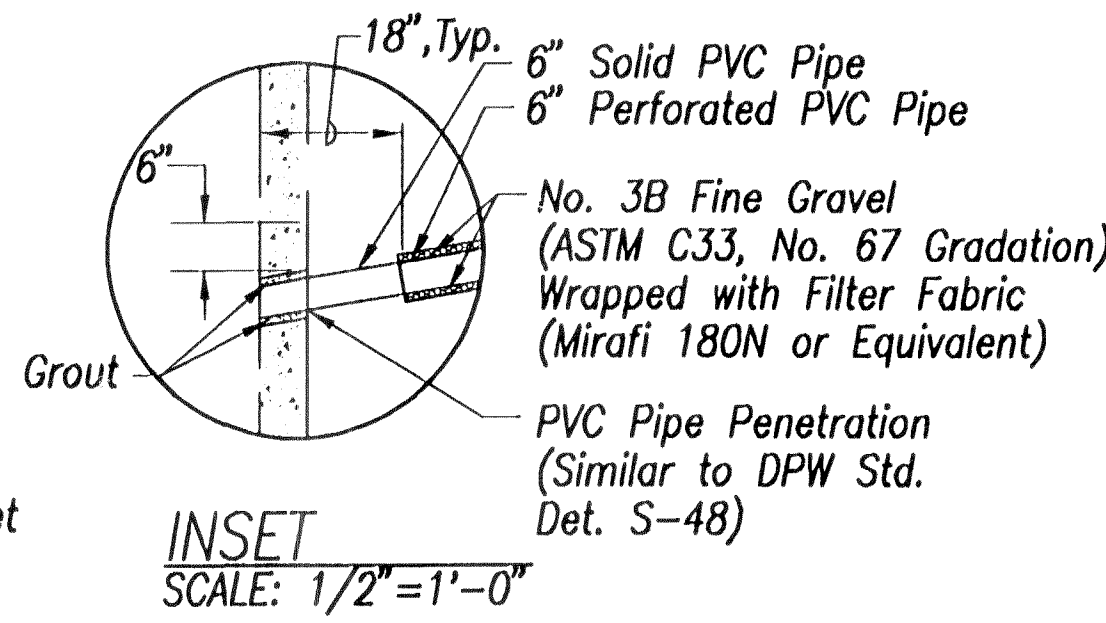
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(232)	2000	26	84



4 UNDERDRAIN CLEANOUT
C12,C11,C24 SCALE: 1" = 2'



6 UNDERDRAIN CONNECTION DETAIL
C11,C24 SCALE: 1" = 10'



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SIGNATURE DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS - 1

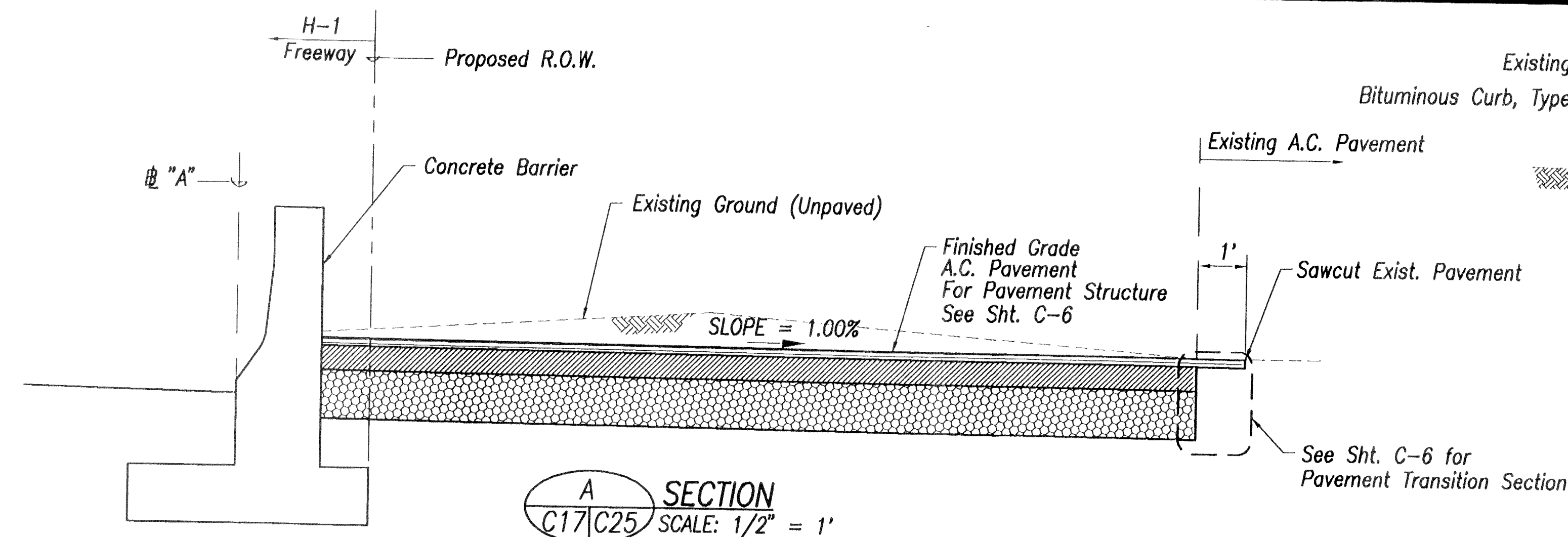
INTERSTATE ROUTE H-1
PUNAHOU ST. OFF-RAMP IMPROVEMENTS
F.A.I. Proj. No. IM-H1-1(232)

Scale: As Shown Date: 4/28/00

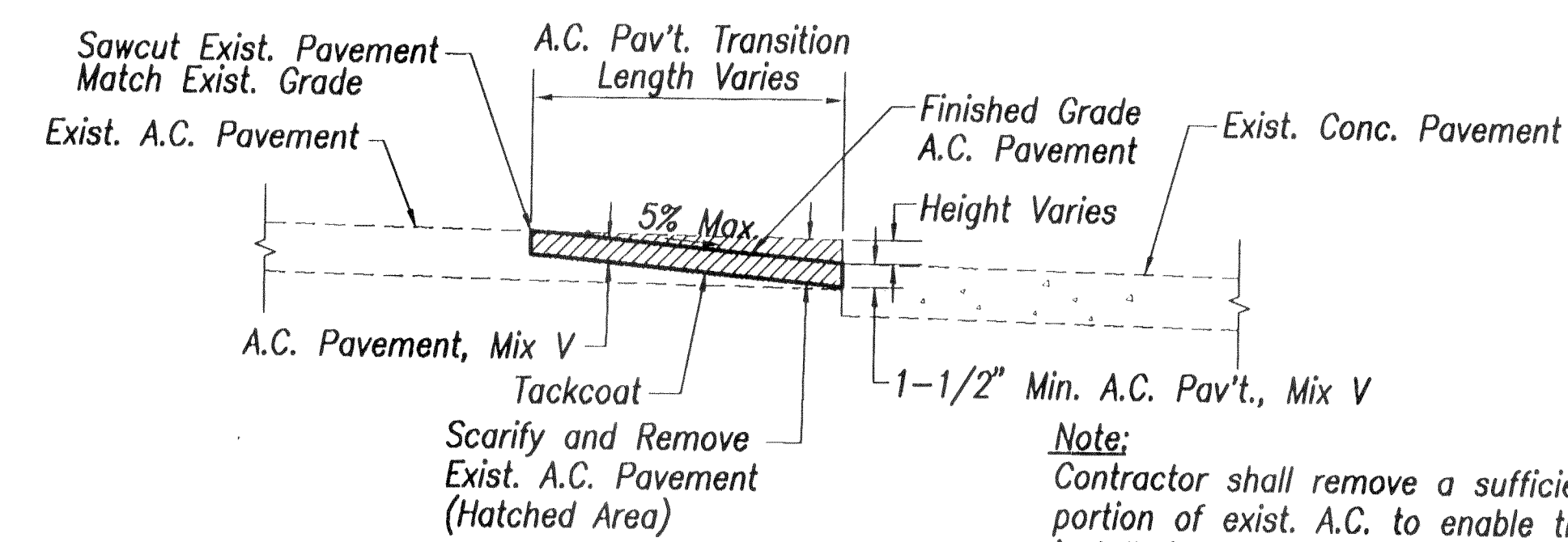
SHEET No. C-24 OF 36 SHEETS

DATE	
DESIGNED BY	
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

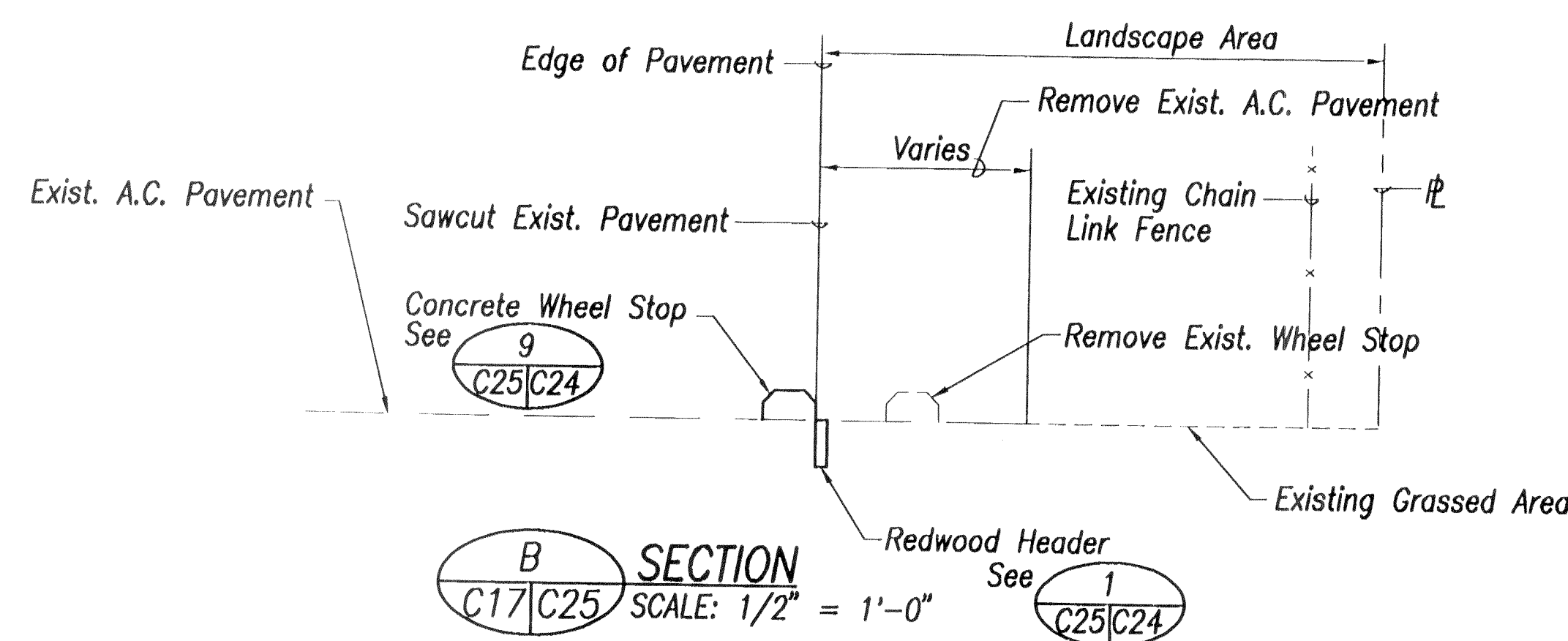
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(232)	2000	27	84



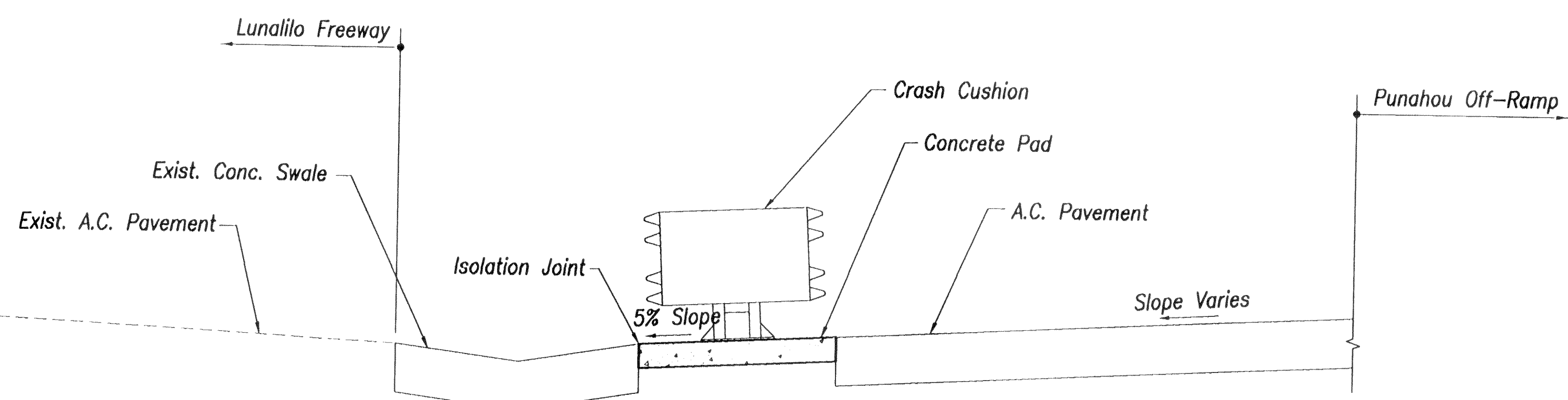
C SECTION
C20/C25 SCALE: 1/2" = 1'-0"



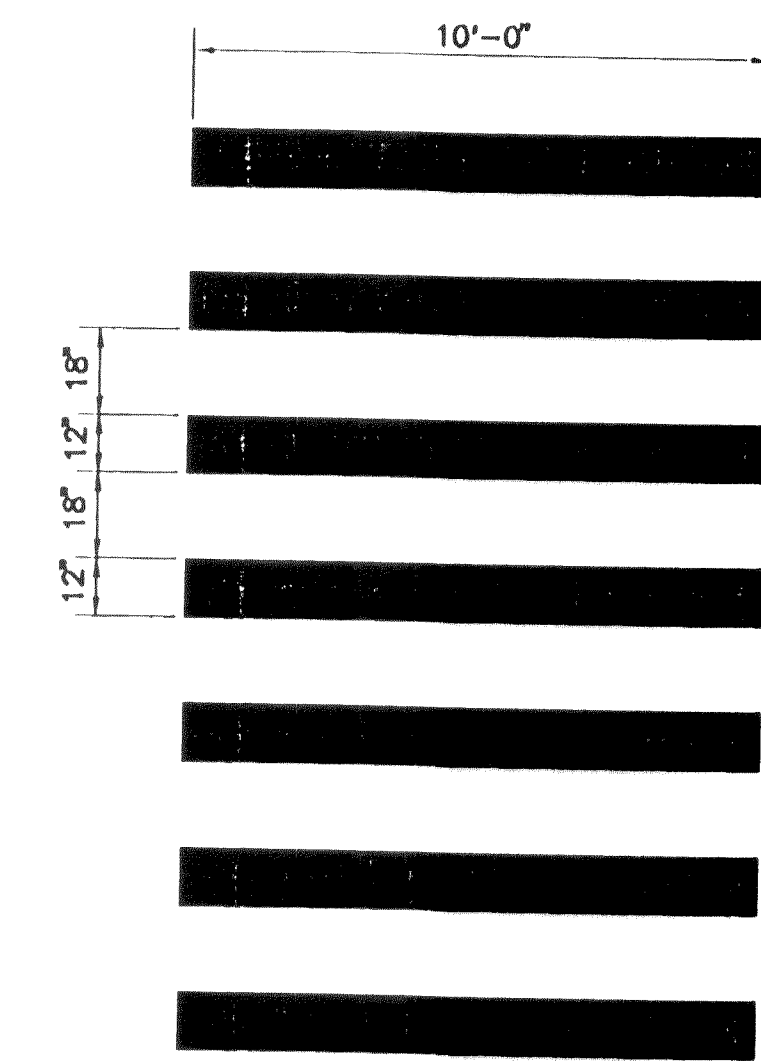
E SECTION
C14/C25 Not To Scale



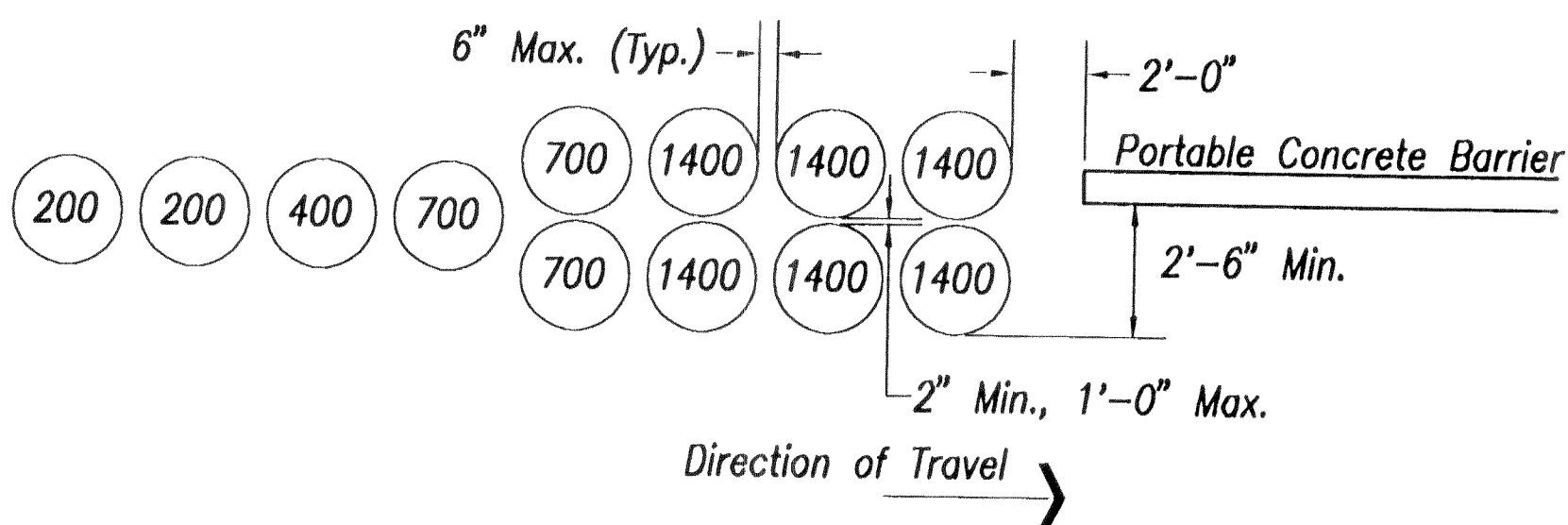
B SECTION
C17/C25 SCALE: 1/2" = 1'-0"



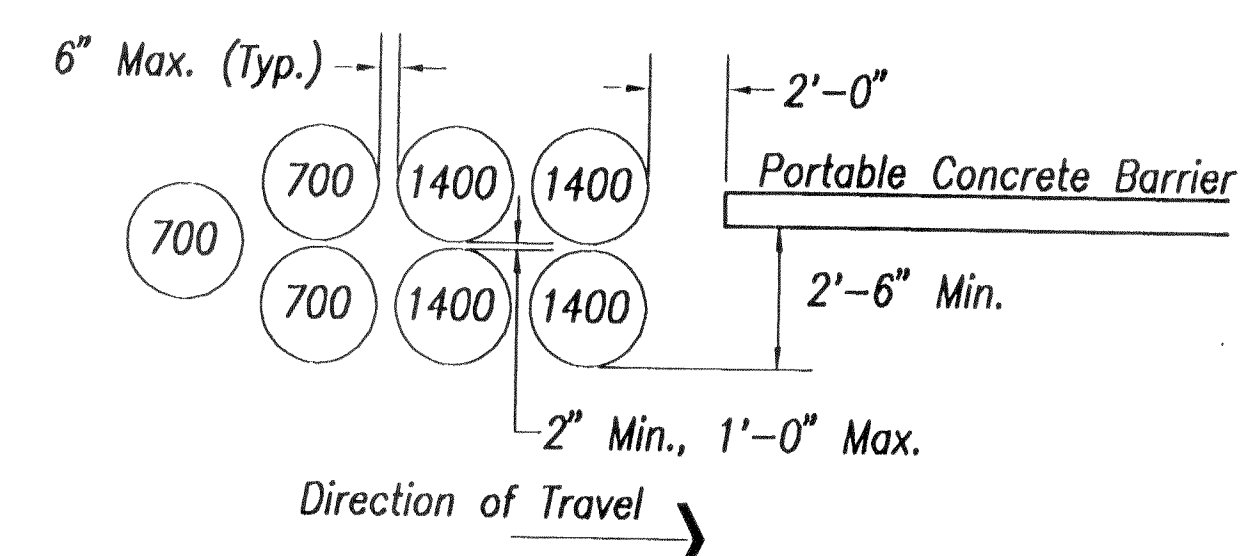
D CRASH CUSHION SECTION
C13/C25 Scale: 1/2" = 1'



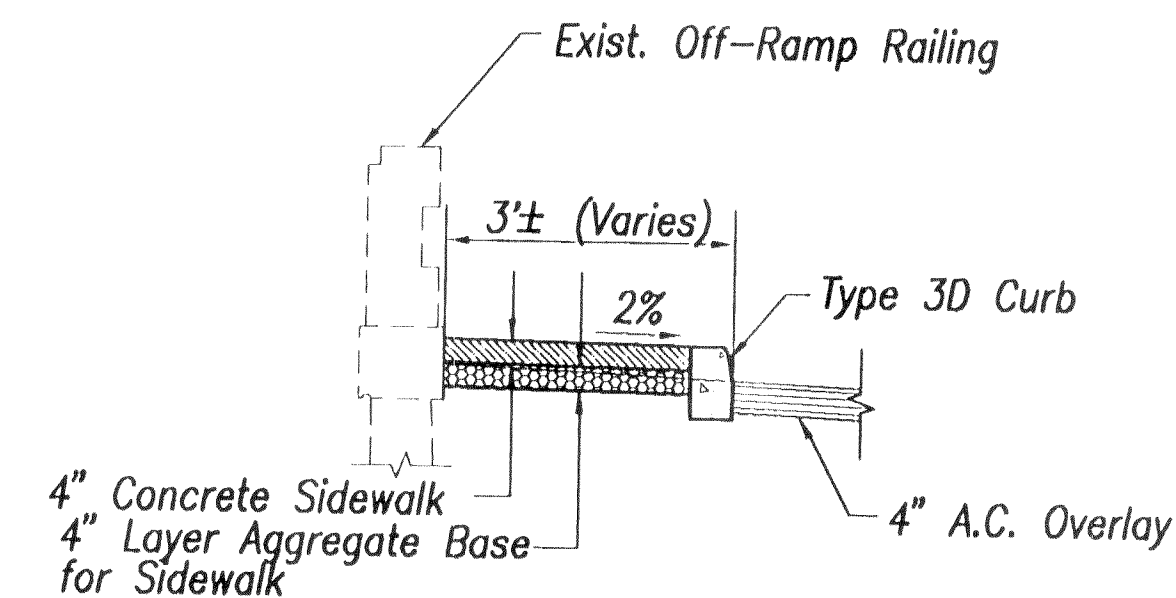
1 TYPICAL CROSSWALK STRIPING
C16/C25 Not to Scale



2 TYPICAL INERTIAL BARRIER MODULE LAYOUT "A"
C34,C35/C25 Not to Scale



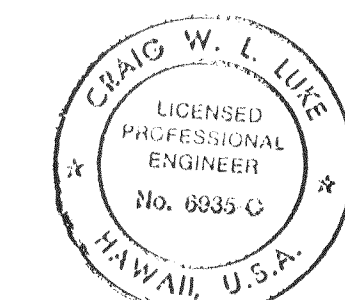
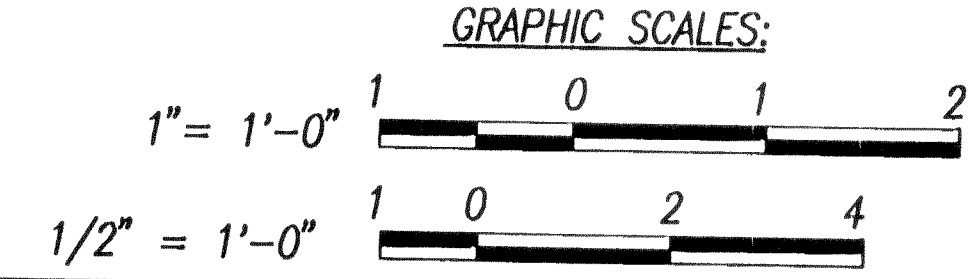
3 TYPICAL INERTIAL BARRIER MODULE LAYOUT "B"
C36,C37/C25 Not to Scale



4 TYPICAL SIDEWALK
C14/C25 Scale: 3/8" = 1'

Inertial Barrier Notes:

1. (xxx) Indicates module location and weight of sand in pounds for each module.
2. All sand weights are nominal.
3. Each module is to contain amount of sand indicated, supported according to the manufacturer's instructions.
4. Crash cushions may be angled toward approaching traffic, but shall not exceed 10 degrees.



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Signature: [Signature] Date: 4/28/00

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

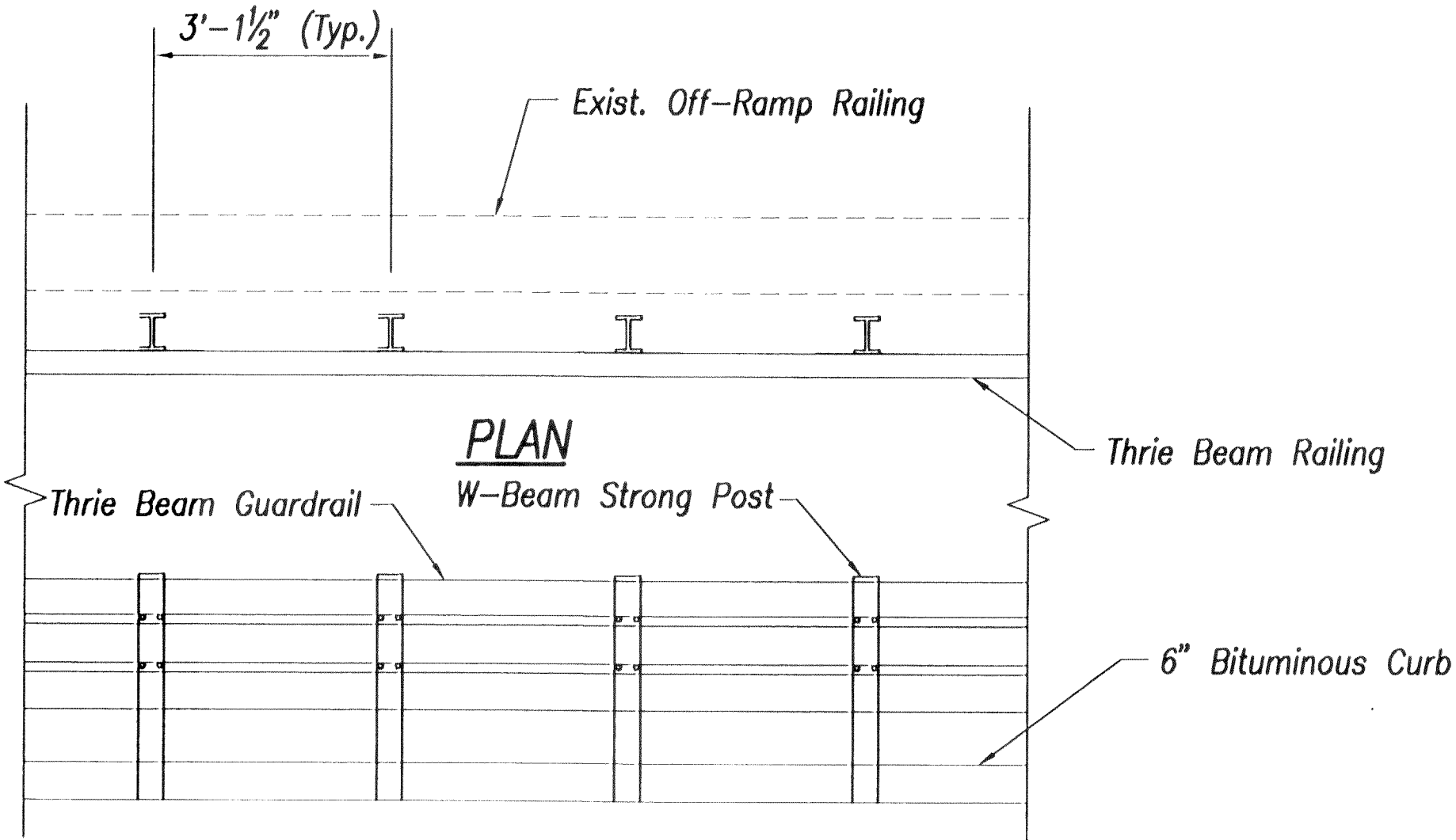
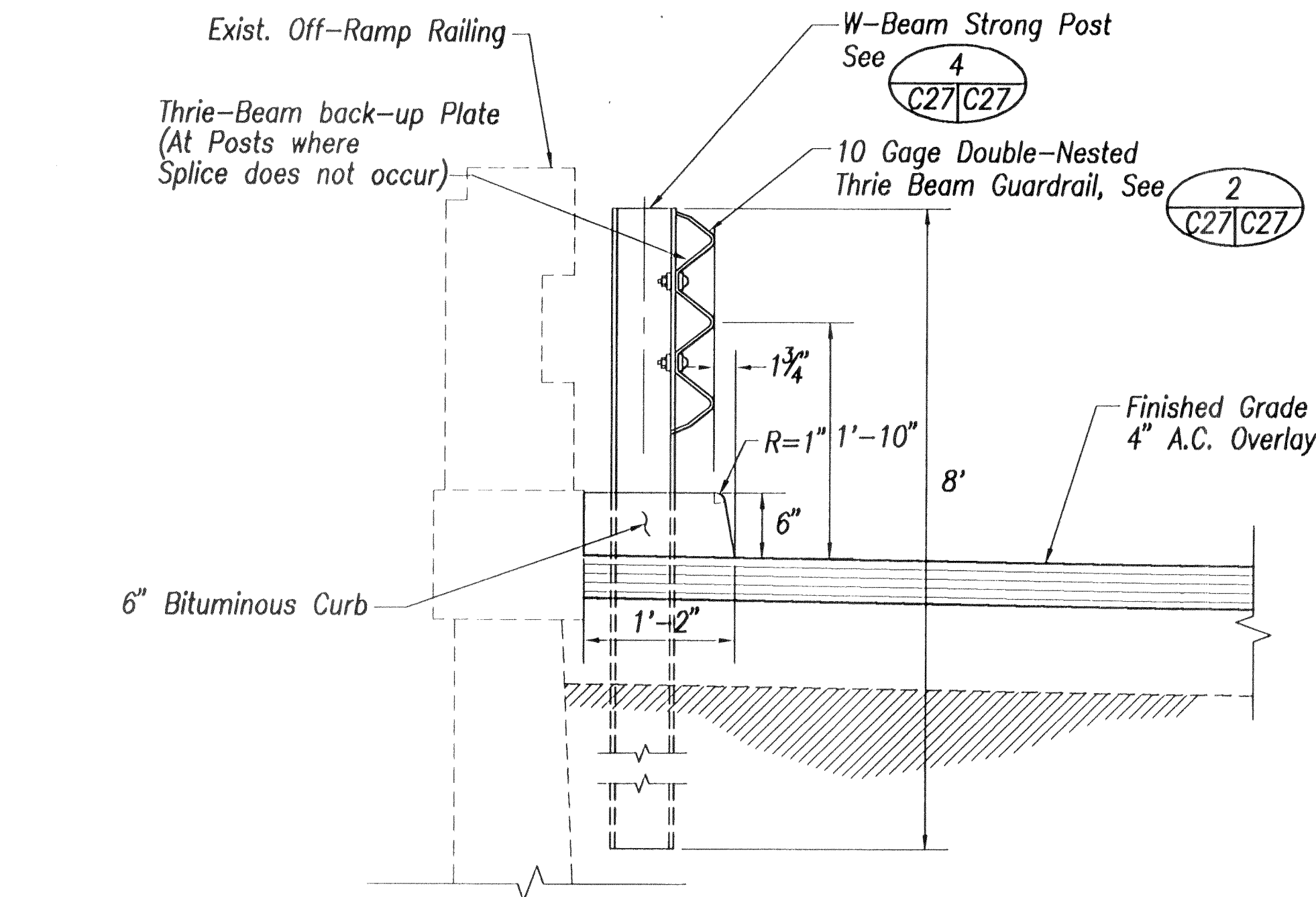
MISCELLANEOUS DETAILS - 2

INTERSTATE ROUTE H-1
PUNAHOU ST. OFF-RAMP IMPROVEMENTS
F.A.I. Proj. No. IM-H1-1(232)

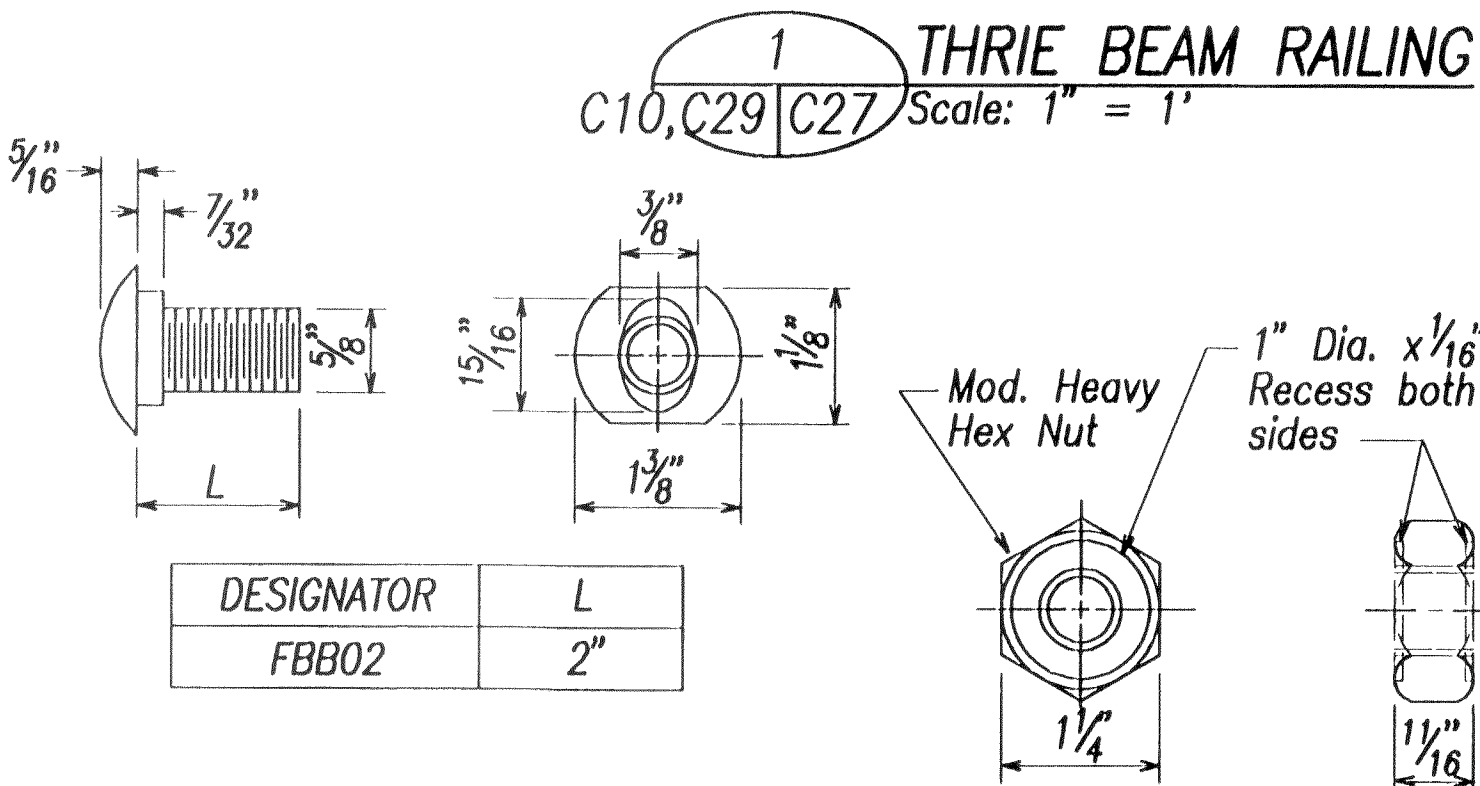
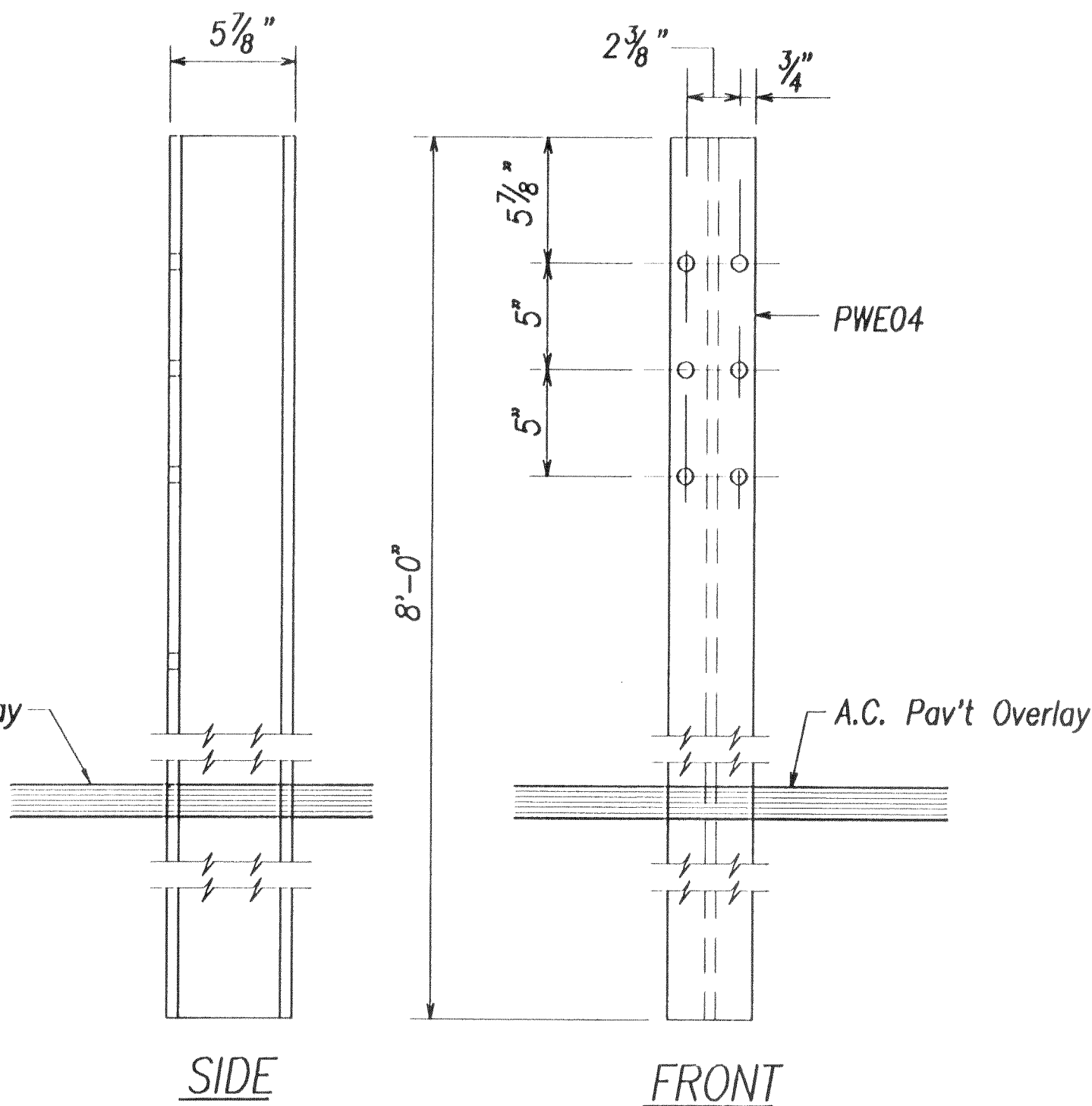
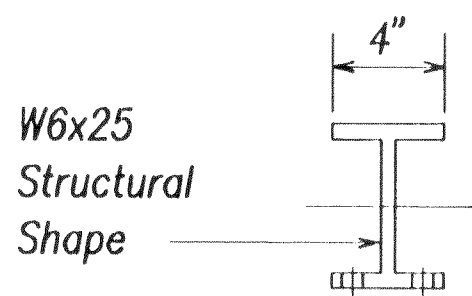
Scale: As Shown Date: 4/28/00

SHEET No. C-25 OF 36 SHEETS

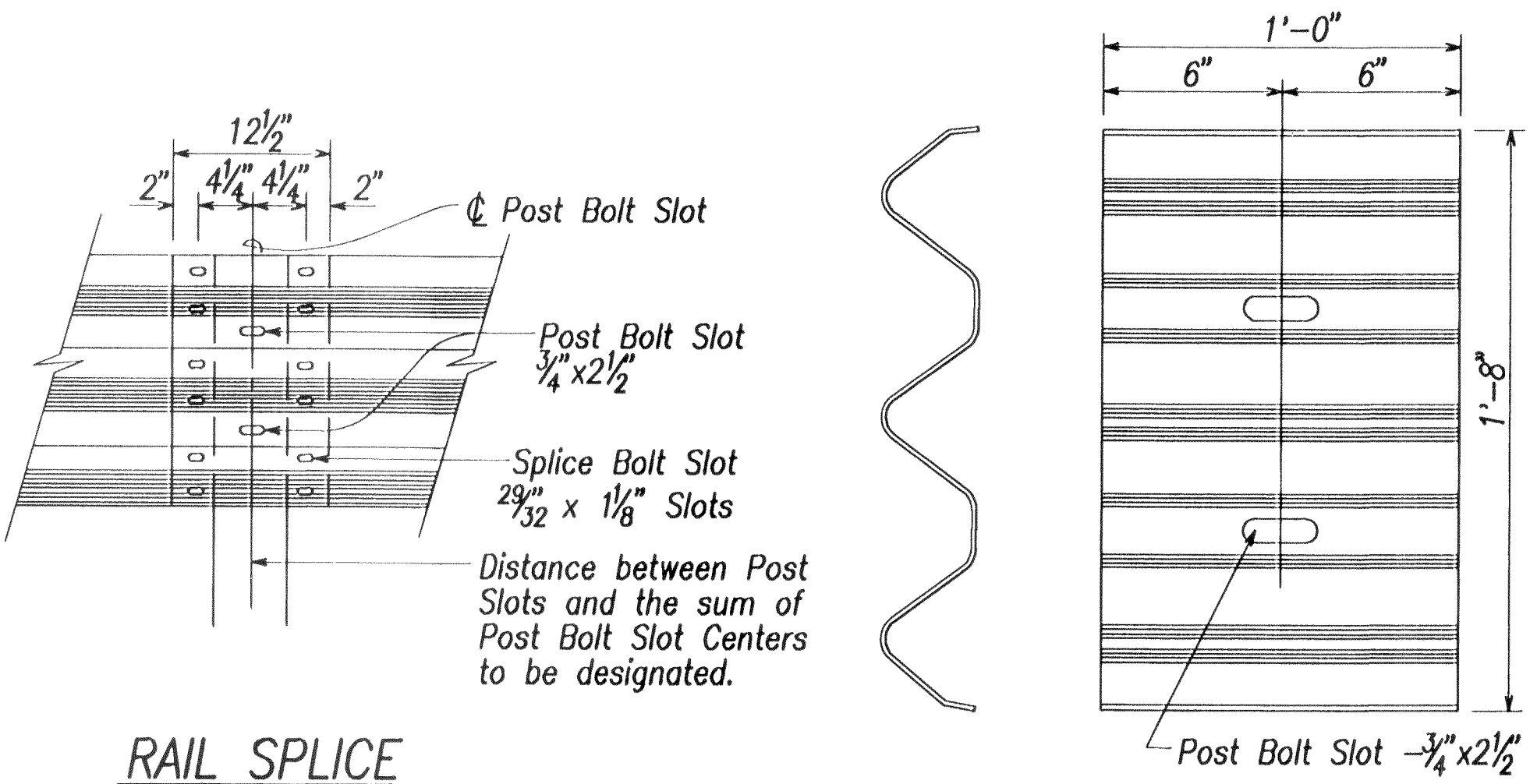
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(232)	2000	29	84



NOTE:
All Holes are
3/4" Dia.



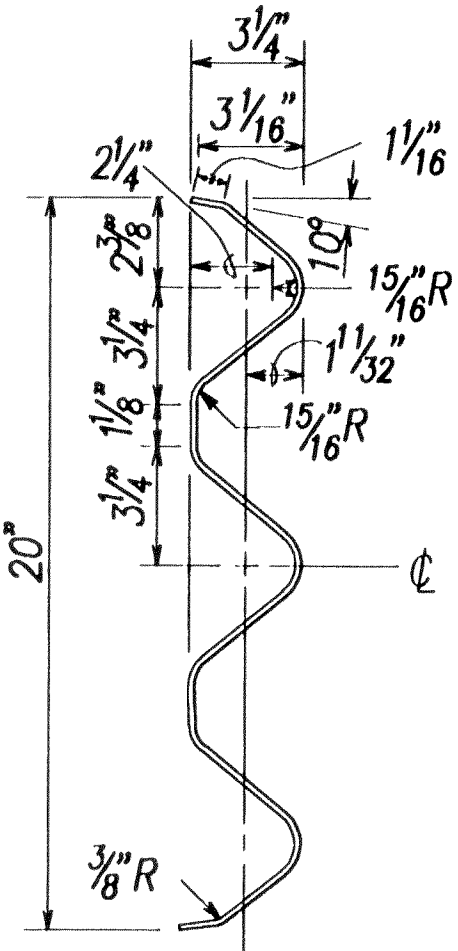
GUARDRAIL BOLTS AND RECESSED NUT



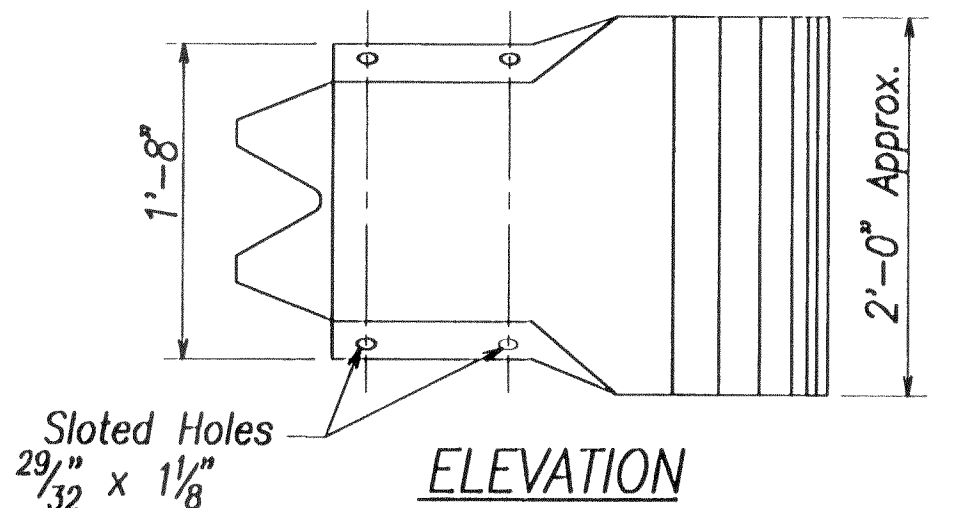
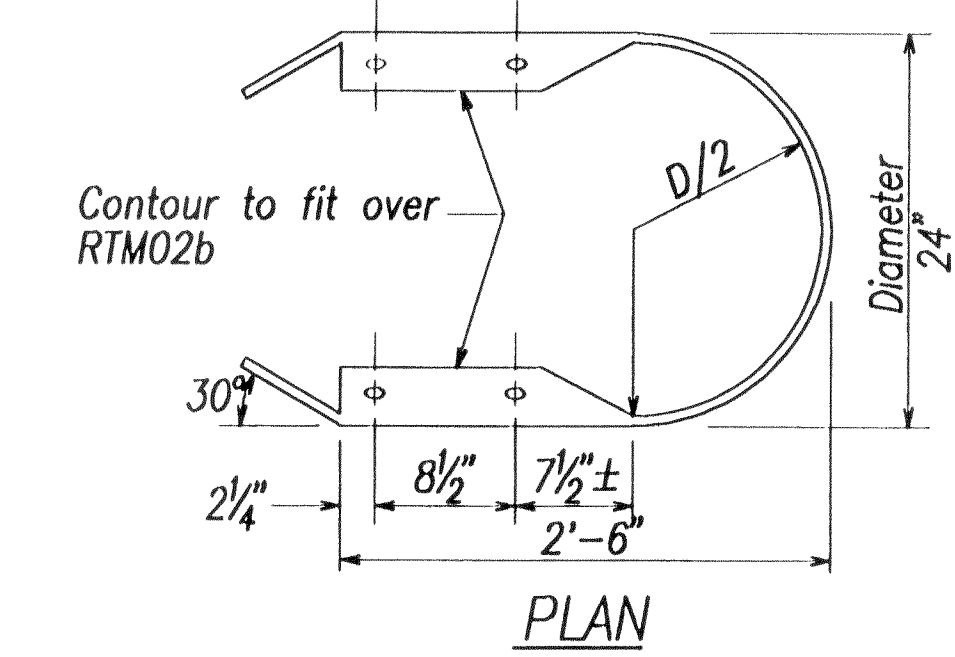
RAIL SPLICE

BACKUP PLATE
(RTB01b)

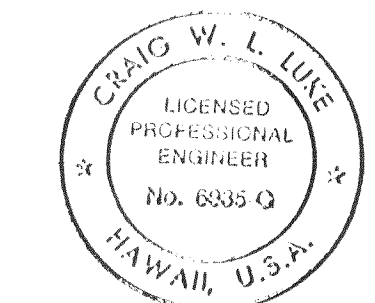
(Use at Posts where
Splices do not occur)



SECTION THRU
RAIL ELEMENT
(RTM02b)



3
C10/C27
END SECTION (BUFFER RTE03b)

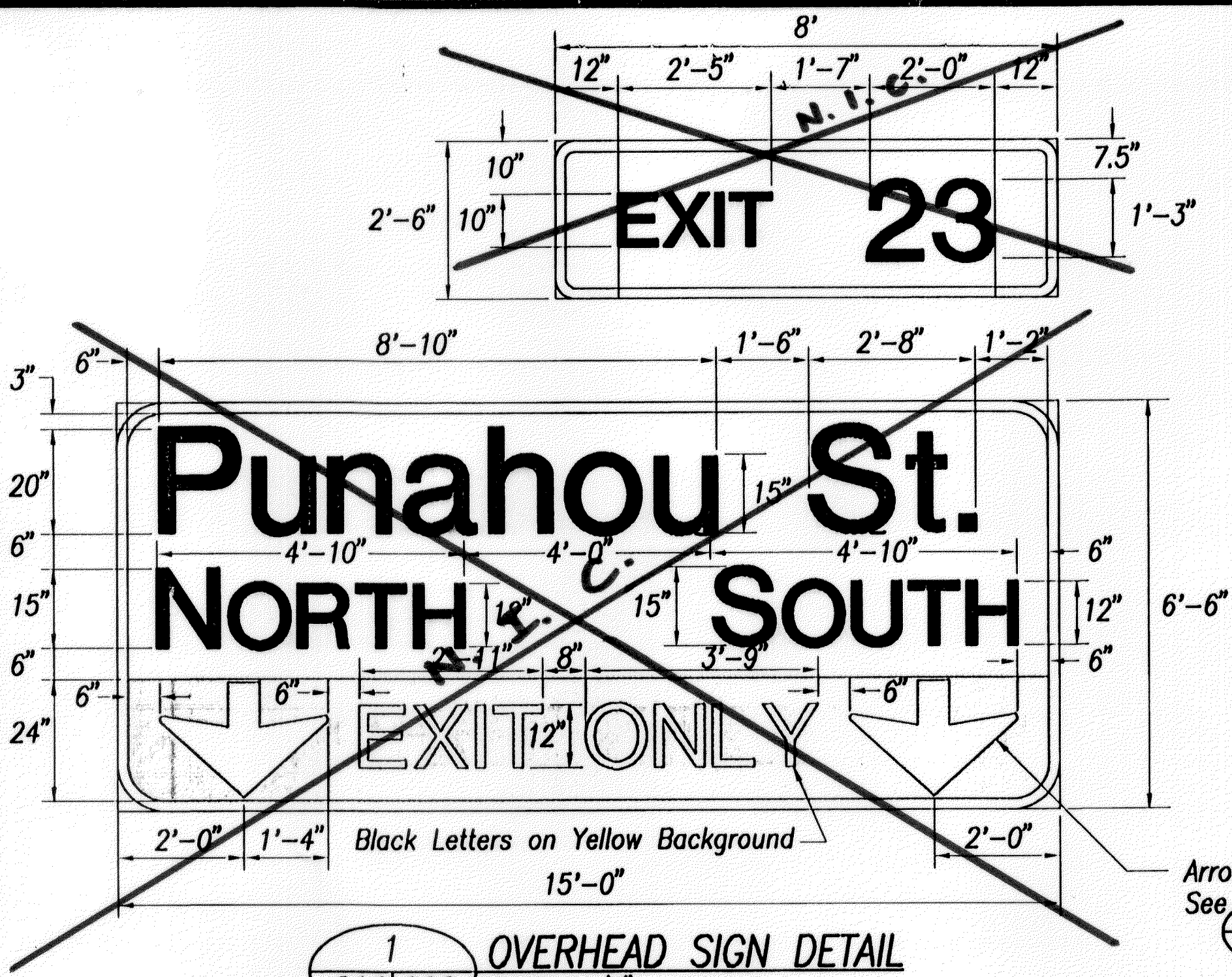


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SIGNATURE DATE 5/2/00

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
OFF-RAMP RAILING DETAILS
INTERSTATE ROUTE H-1
PUNAHOU ST. OFF-RAMP IMPROVEMENTS
F.A.I. Proj. No. IM-H1-1(232)
Scale: 1" = 20'
Date: 4/28/00
SHEET No. C-27 OF 36 SHEETS

29

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(232)	2000	30	84

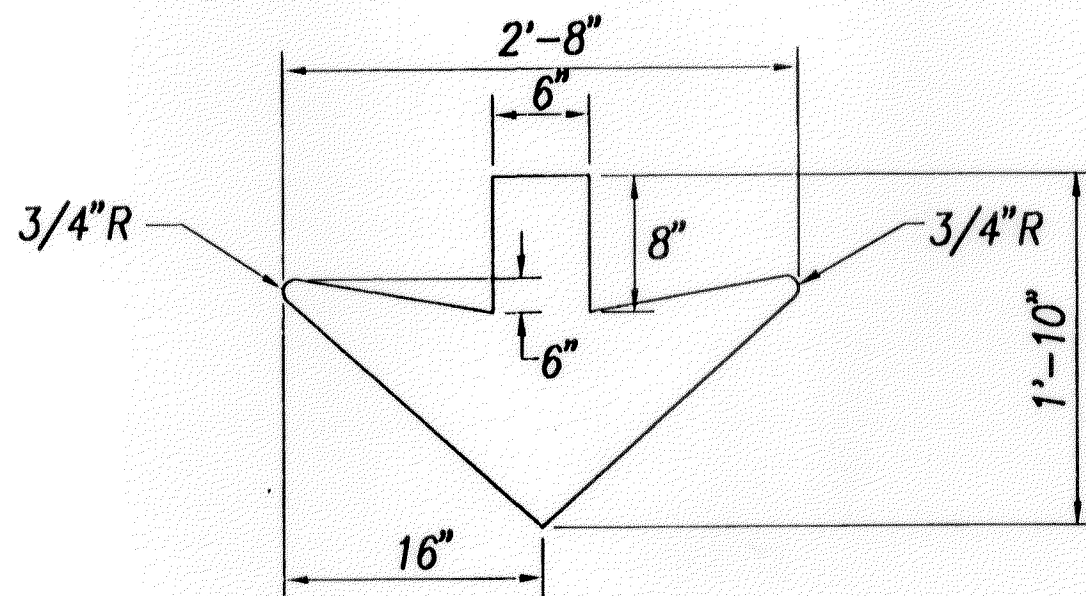


1 OVERHEAD SIGN DETAIL
C16/C28 SCALE: 1/2" = 1'

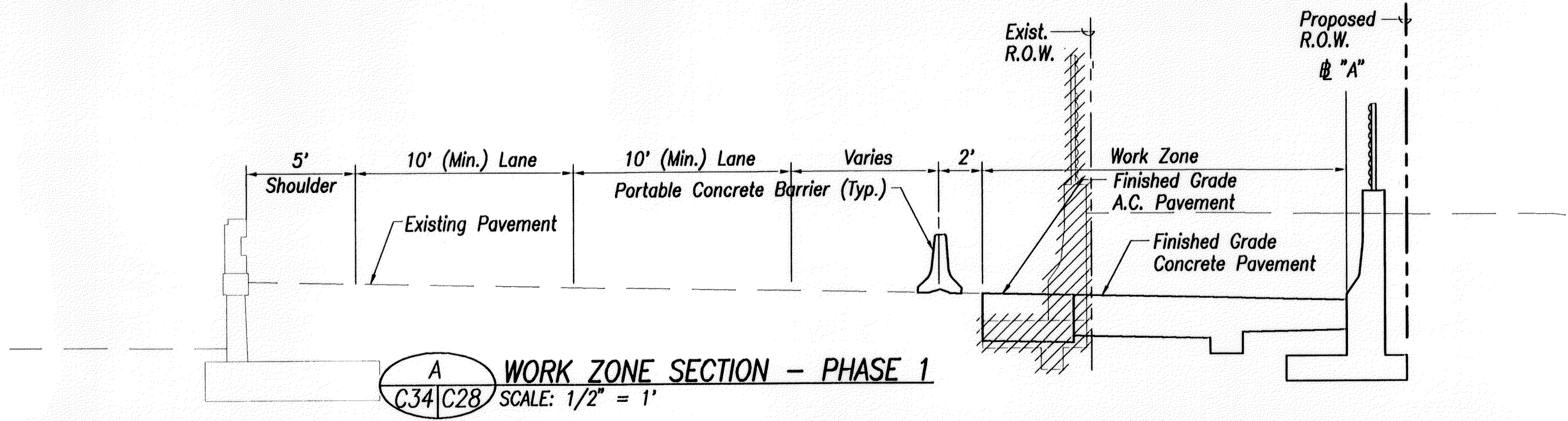
Arrow Detail
See 2
C28/C28

- SIGN NOTES:**
- Signs shall conform to the latest editions and amendments of the following FHWA publications:
 - "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD).
 - "Standard Highway Signs".
 - "Standard Alphabets for Highway Signs".
 - Letter Size & Width of Stroke:
 - When letters are all uppercase use Series "E", unless otherwise noted.
 - When initial uppercase letter is used in conjunction with lowercase letters, use Series "E(M)".
 - Borders shall be 2" wide unless otherwise noted. Corner radii shall be approximately 1/8 of lesser sign dimension and should not exceed 12 inches.
- Sign Revised - State Furnished

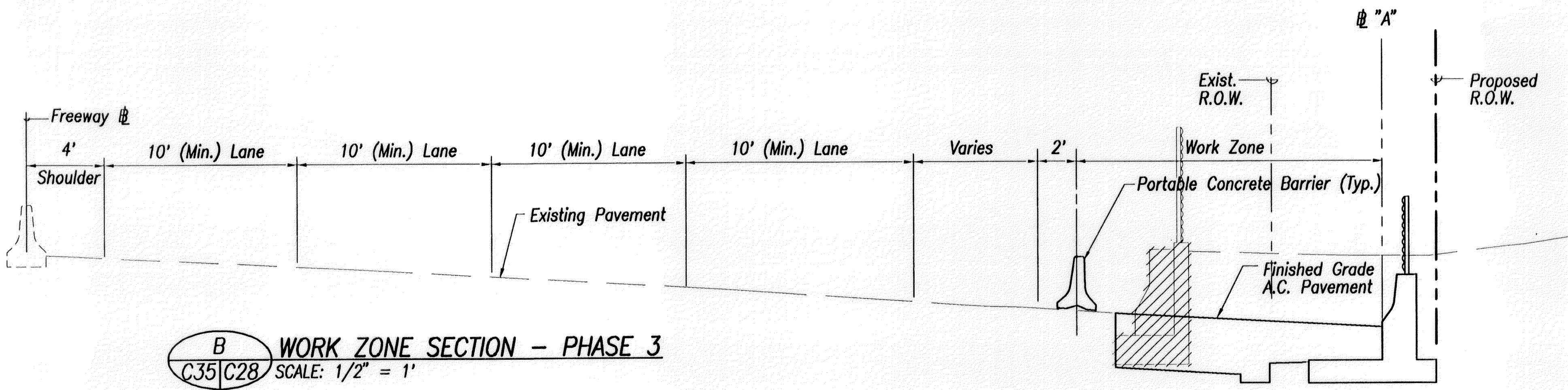
- Interstate and State Route Marker Symbols shall conform to details as shown on the plans and as specified in the MUTCD.
- New sign panels shall be laminated aluminum or extruded aluminum. Sign legend and border shall be reflectorized white on green background. "EXIT ONLY" lettering shall be black on yellow background.
- The overhead sign shall be mounted to the existing truss in accordance with SDOT Standard Details TE-20 and TE-21.



2 ARROW DETAIL
C28/C28 SCALE: 1/2" = 1'

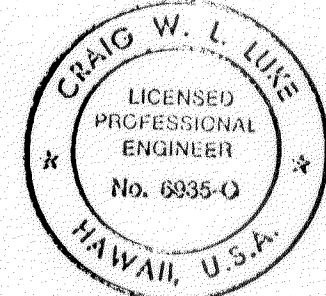


A WORK ZONE SECTION - PHASE 1
C34/C28 SCALE: 1/2" = 1'



B WORK ZONE SECTION - PHASE 3
C35/C28 SCALE: 1/2" = 1'

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
DATE	



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
SIGNATURE DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**OVERHEAD SIGN DETAILS &
WORK ZONE SECTIONS**
INTERSTATE ROUTE H-1
PUNAHOU ST. OFF-RAMP IMPROVEMENTS
F.A.I. Proj. No. IM-H1-1(232)
Scale: As Shown Date: 4/28/00
SHEET No. C-28 OF 36 SHEETS

"AS-BUILT"