

Technical drawing of a sewerage structure, showing a plan view and a cross-section.

Plan View:

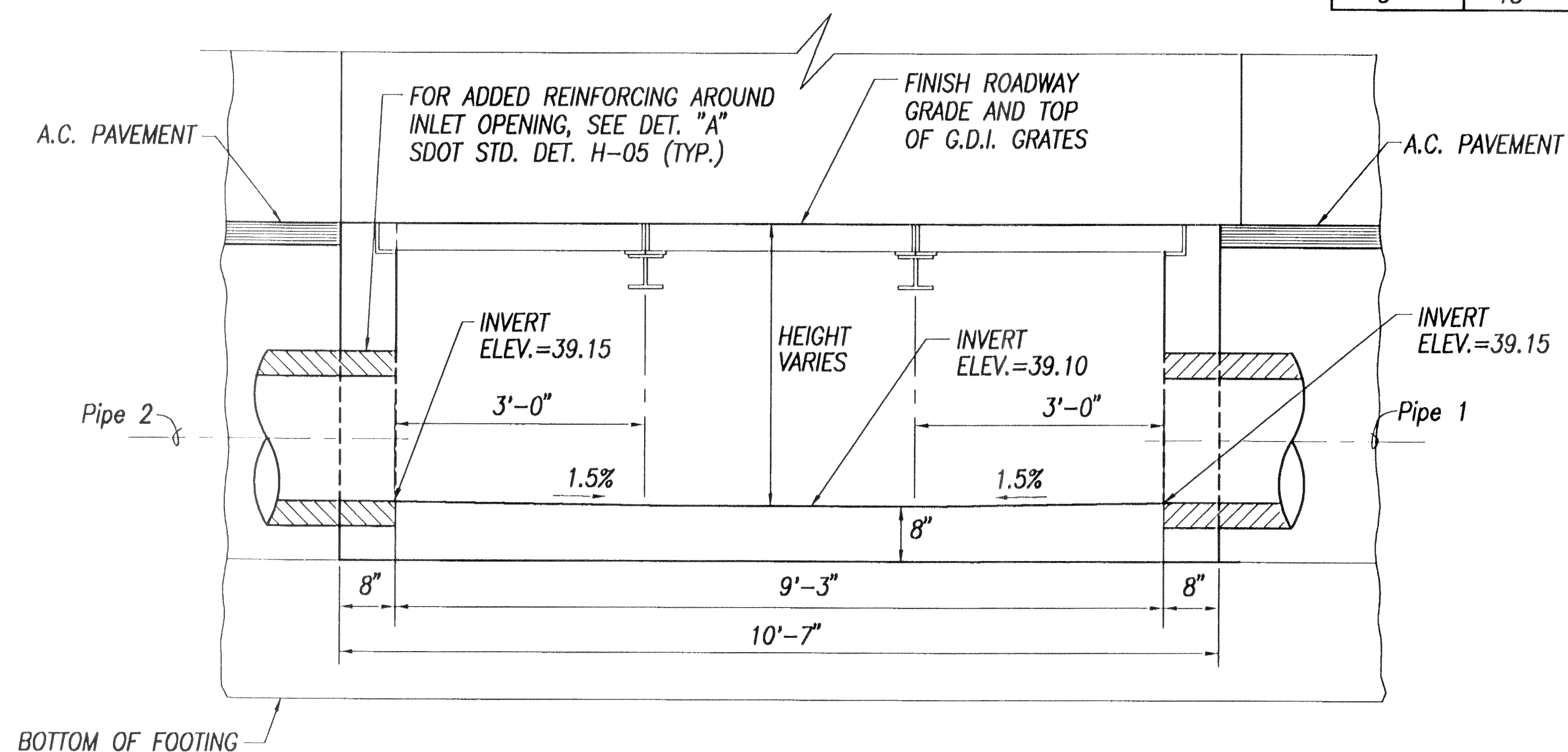
- Structure dimensions: 10'-7" (total length), 8" (width on each side of the central section).
- Internal sections: 3'-0", 3'-3", 3'-0" (lengths of the three main sections).
- Pipes:
 - Pipe 1: 18" RCP, CL. V (vertical centerline), 2'-2" (height from bottom to top of structure).
 - Pipe 2: 18" RCP, CL. V (vertical centerline), 2'-0" (height from bottom to top of structure).
 - Pipe 3: 18" RCP, CL. V (vertical centerline), 8" (height from bottom to top of structure).
- Drain Inlet: Located in the center, 1'-9" (height from bottom to top of structure).
- Grates: 3 Type A-9 steel frames & grates installed over the drain inlet.
- Retaining Wall: PUNAHOU OFF-RAMP RETAINING WALL (indicated by a dashed line).
- Stationing: "A" STATION & TOP ELEV. REFERENCE POINT (indicated by a diamond symbol).

Cross-Section:

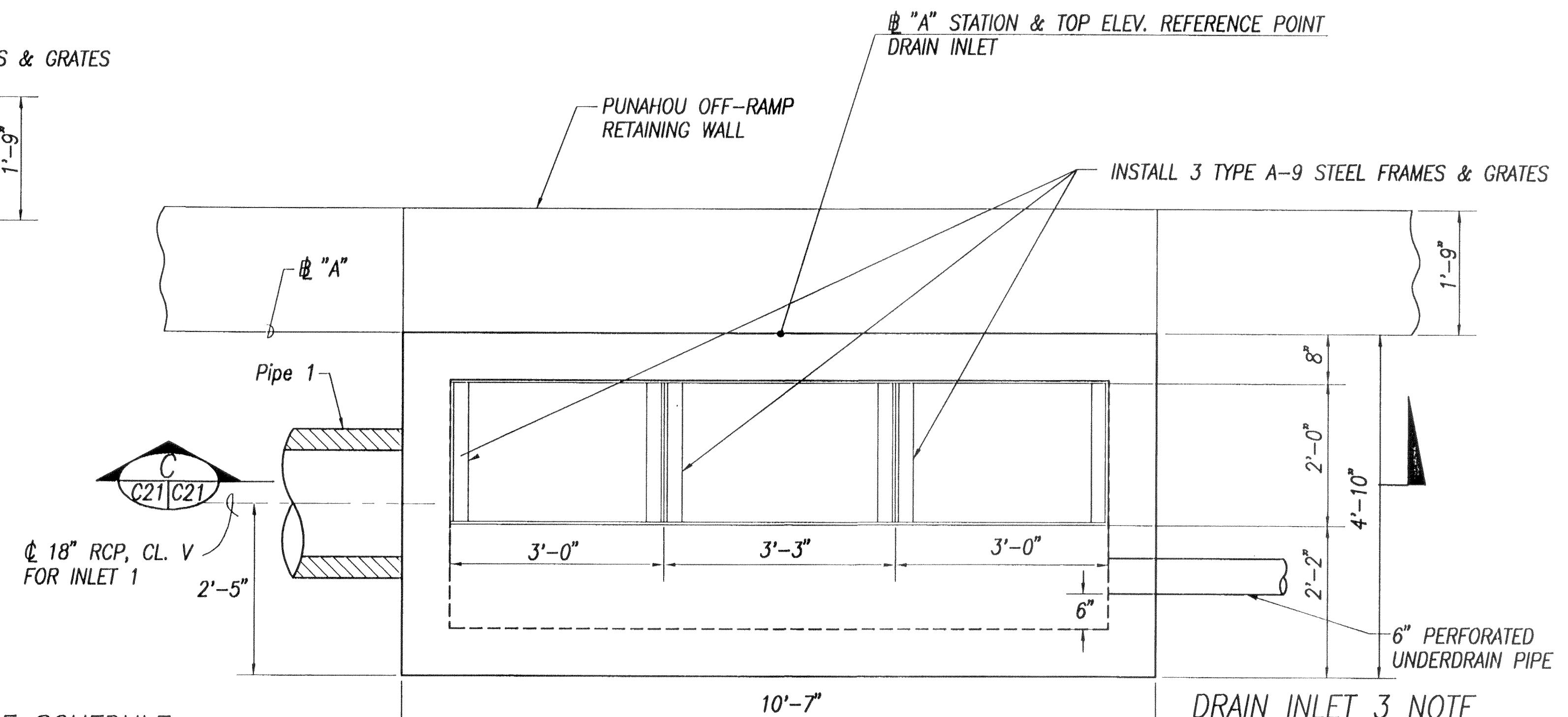
- Structure height: 10'-7" (total height).
- Internal sections: 3'-0", 3'-3", 3'-0" (lengths of the three main sections).
- Pipes:
 - Pipe 1: 18" RCP, CL. V (vertical centerline), 2'-2" (height from bottom to top of structure).
 - Pipe 2: 18" RCP, CL. V (vertical centerline), 2'-0" (height from bottom to top of structure).
 - Pipe 3: 18" RCP, CL. V (vertical centerline), 8" (height from bottom to top of structure).
- Drain Inlet: Located in the center, 1'-9" (height from bottom to top of structure).
- Grates: 3 Type A-9 steel frames & grates installed over the drain inlet.
- Retaining Wall: PUNAHOU OFF-RAMP RETAINING WALL (indicated by a dashed line).
- Stationing: "A" STATION & TOP ELEV. REFERENCE POINT (indicated by a diamond symbol).

DRAIN PIPE SCHEDULE

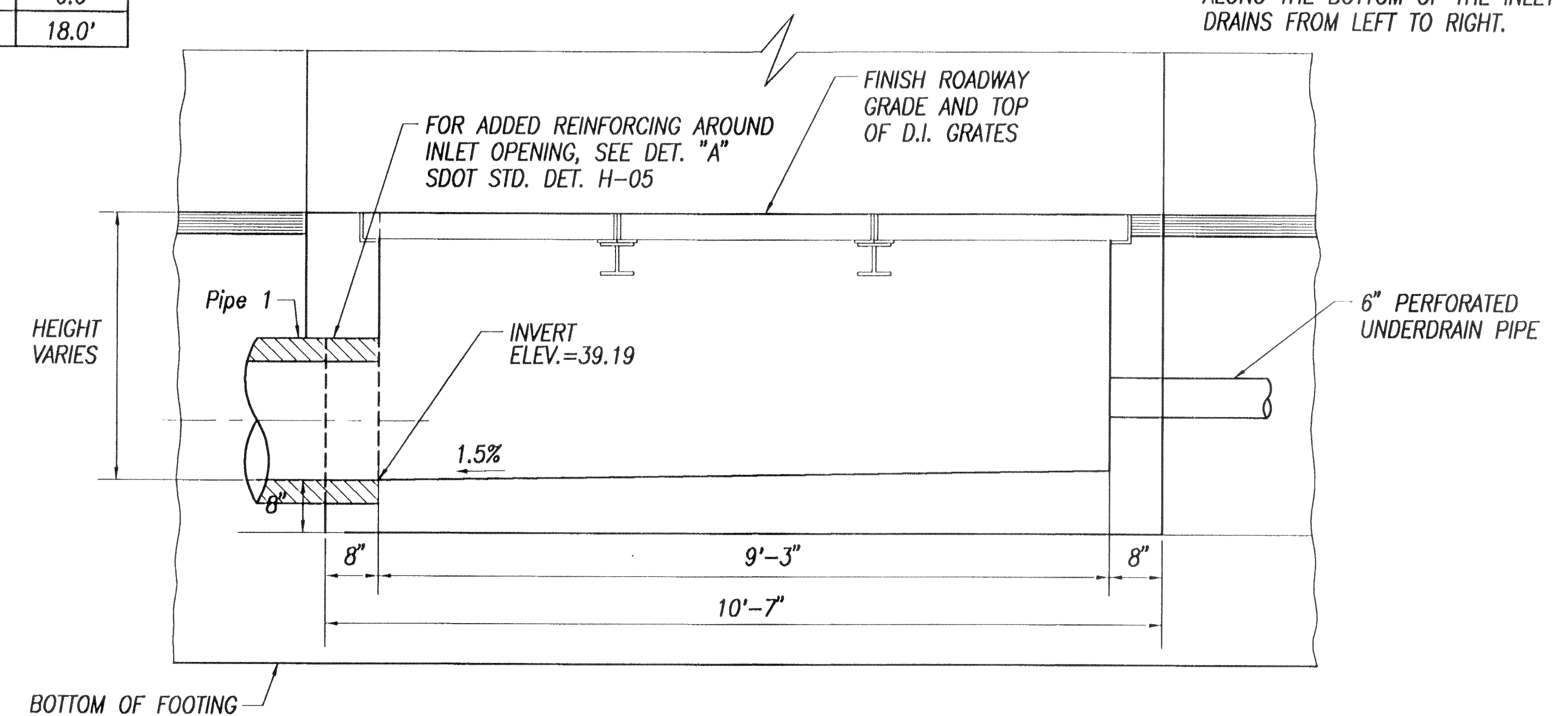
NUMBER	SIZE	CLASS	LENGTH
1	18"	V	7.5'
2	18"	V	6.6'
3	18"	V	18.0'



A SECTION



DRAIN INLET 3 NOTE
DRAIN INLET 3 SHALL BE CONSTRUCTED AS THE MIRROR IMAGE OF INLET 1. THE 18" RCP EXITS FROM THE RIGHT SIDE AND THE 1.5% SLOPE ALONG THE BOTTOM OF THE INLET DRAINS FROM LEFT TO RIGHT.



C SECTION

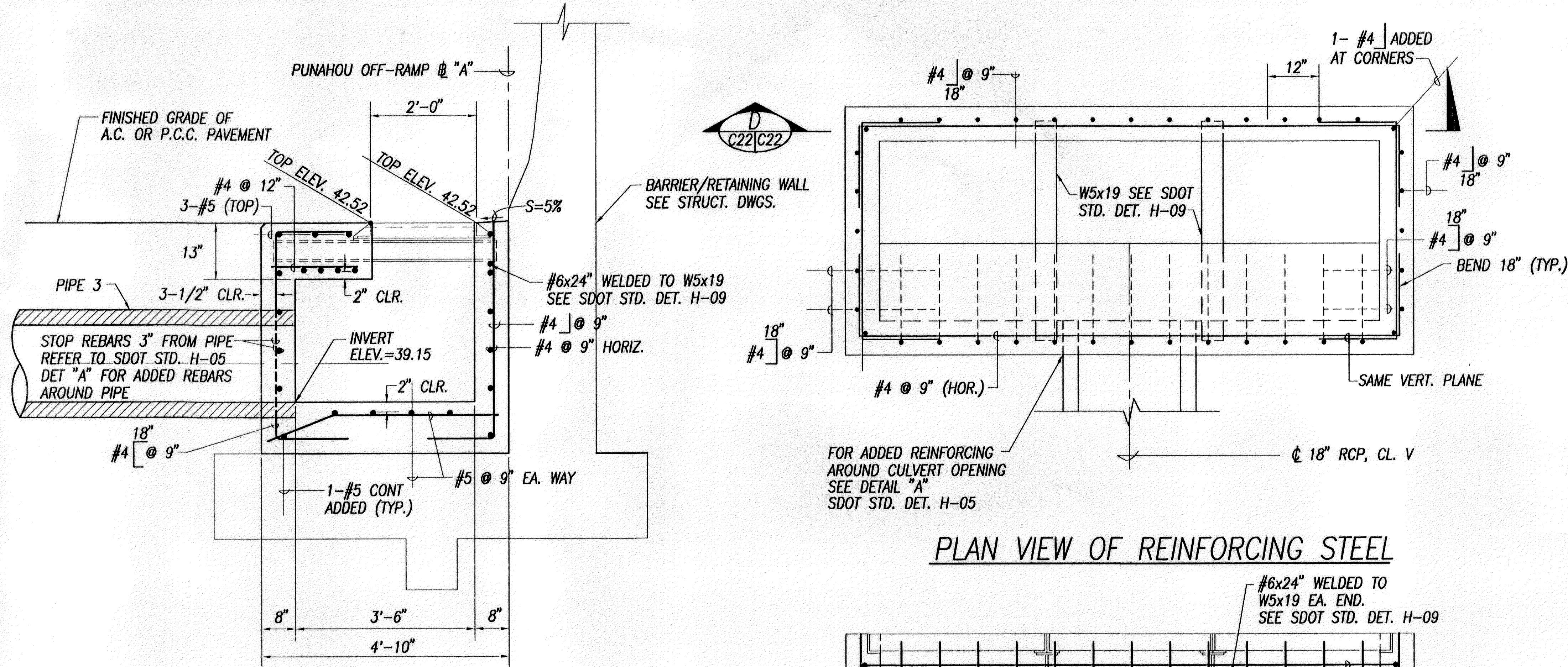
$$3/4'' = 1'-0'' \quad \begin{array}{ccc} 1 & 0 & 2 \end{array}$$

SIGNATURE [Signature] DATE 5/22/06

SHEET No. C-21 OF 36 SHEETS

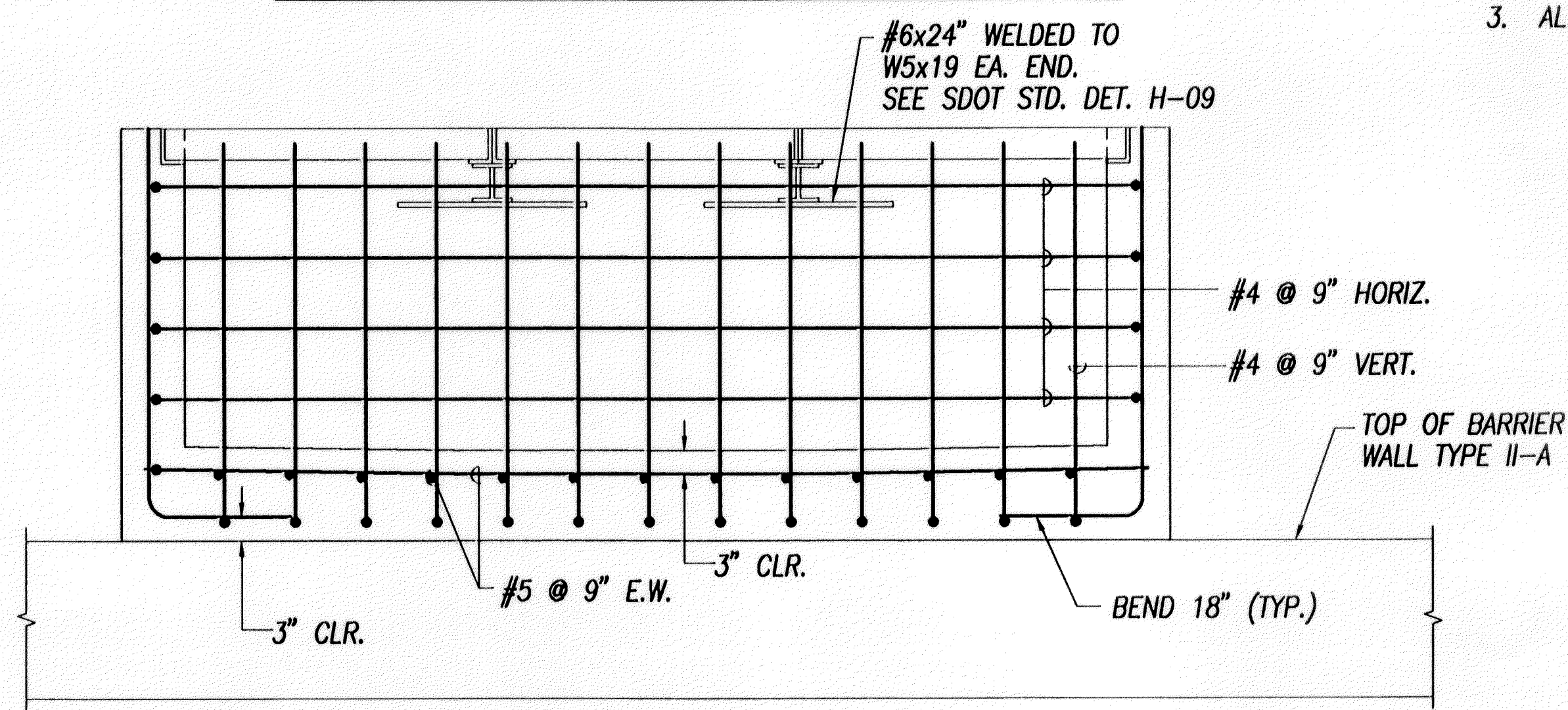
23

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(232)	2000	24	84



- DRAIN INLET NOTES:**
- ~~DEMOLISHING, REMOVING AND DISPOSING OF THE ENTIRE EXISTING DRAINAGE STRUCTURE SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE NEW DRAINAGE STRUCTURE.~~
 - EXIST. C.I. FRAME AND COVER SHALL BE CLEANED AND STOCKPILED.
 - ALTER SECTIONS AS NECESSARY TO CONSTRUCT DRAIN INLETS 1 AND 3.

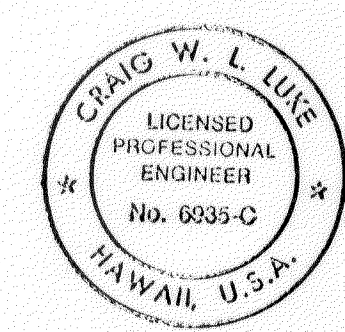
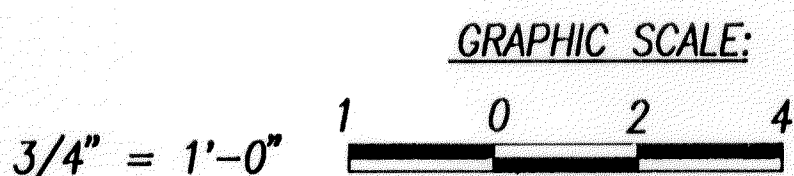
PLAN VIEW OF REINFORCING STEEL



SECTION D

DETAILS OF DRAIN INLETS

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *[Signature]* DATE: 5/28/00

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAIN INLET DETAIL - 2

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

Scale: 3/4" = 1' Date: 4/28/00

SHEET No. C-22 OF 36 SHEETS

"AS-BUILT"