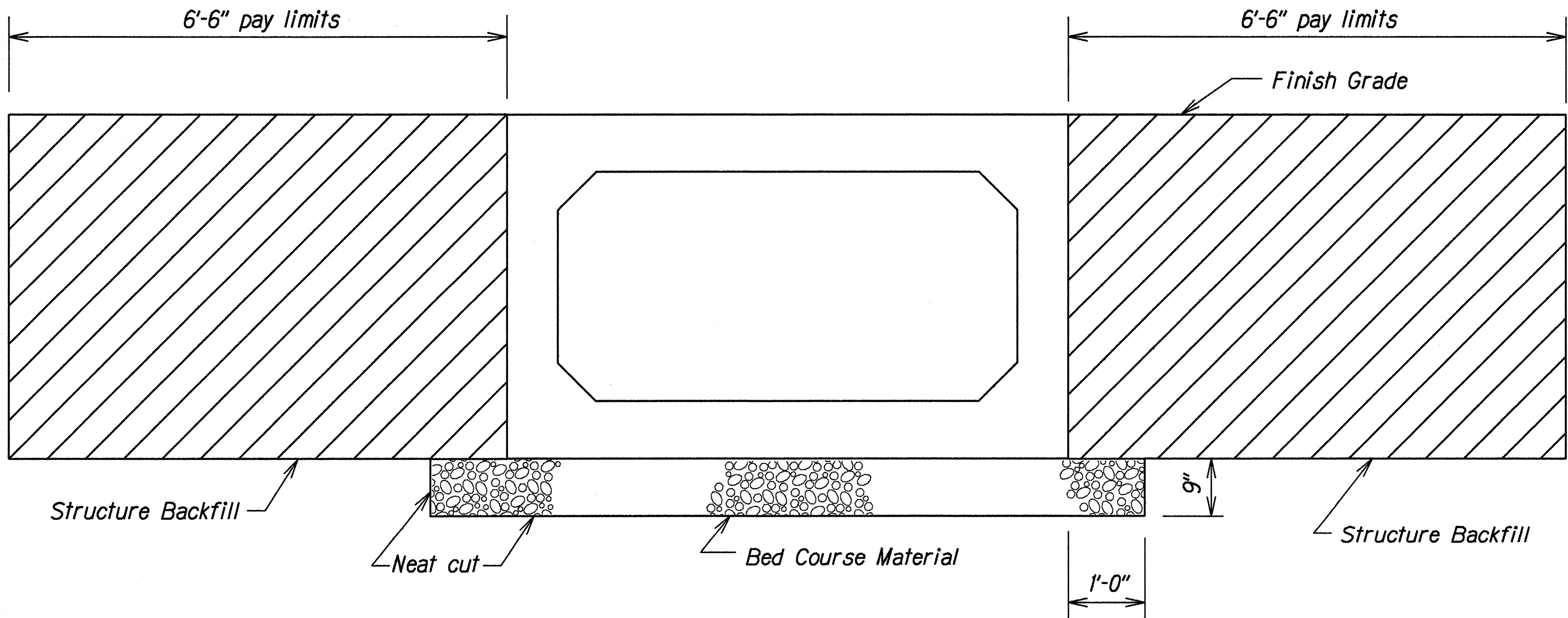


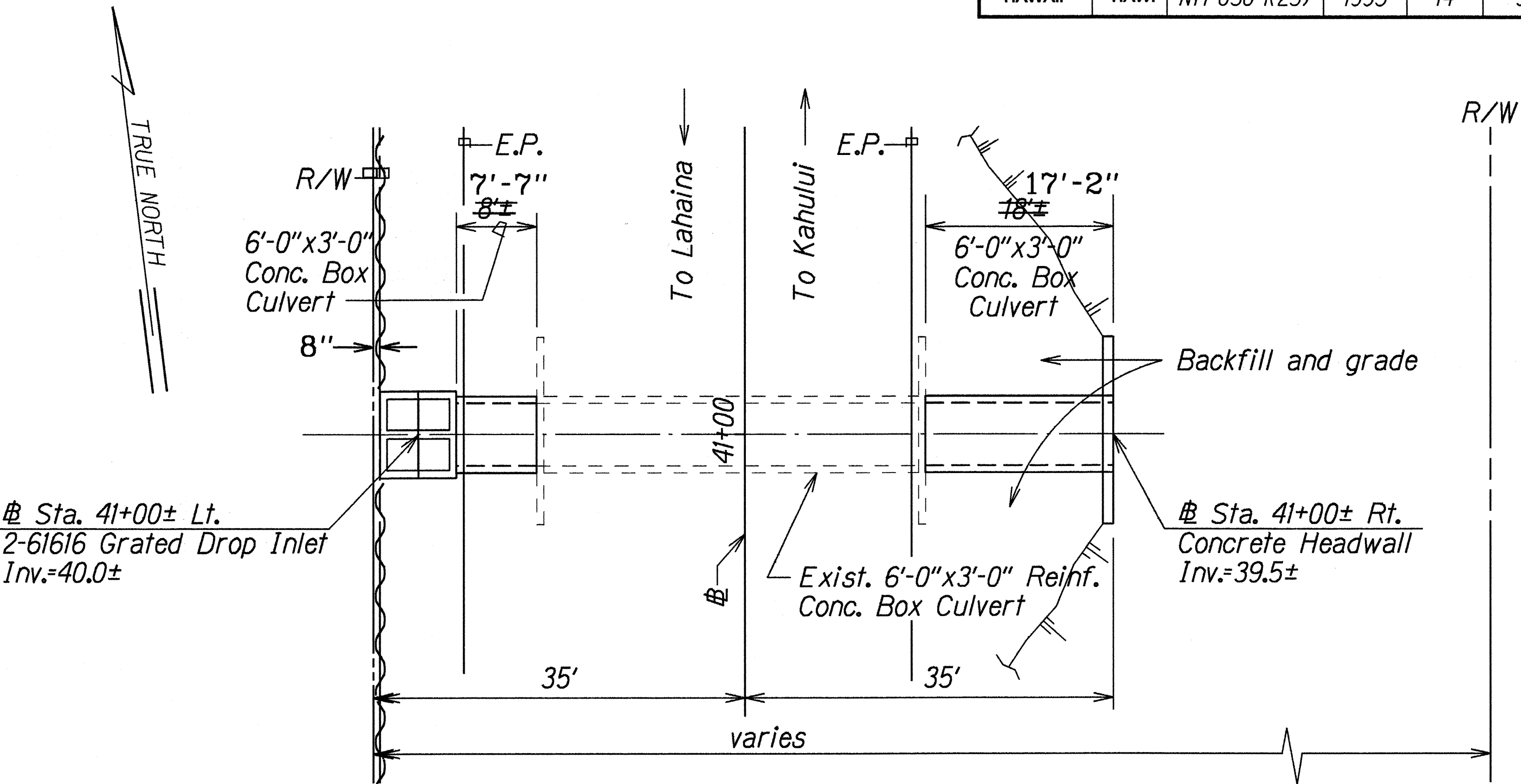
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(25)	1995	14	35

DRAINAGE NOTES:

- Existing drainage systems will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow. The cost shall be incidental to the various Contract Items.
- The Contractor shall verify the locations of all existing culverts and utilities in the field. Any existing culverts and utilities damaged during construction shall be repaired or replaced by the Contractor at his own expense.
- Only non-pneumatic type of drill as approved by the Engineer will be permitted for drilling holes in concrete. Where indicated on Plans, the approximate diameter of drilled holes for installation of dowels shall be 1/4", and voids after installing dowels shall be filled with epoxy grout as directed by the Engineer.
- Demolishing, removing, and disposing portions of existing concrete headwalls shall not be paid for separately, but shall be considered incidental to the various Contract Items.
- Concrete shall be Class A unless otherwise noted.
- Exact invert elevations of the proposed concrete headwall and grated drop inlet at Station 41+00± shall be verified by the Contractor in the field.
- Furnishing and providing backfill materials outside the structure backfill pay limits will not be paid for but shall be considered incidental to various pay items.

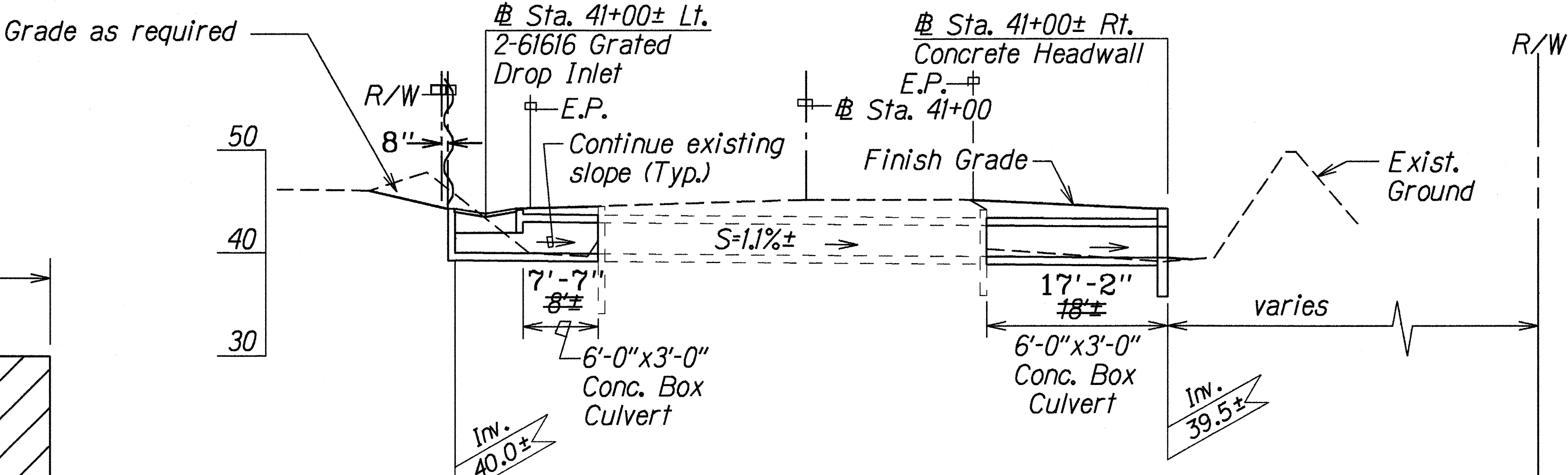


TYPICAL STRUCTURE BACKFILL
Scale: 3/4"=1'-0"



PLAN

Scale: 1"=10'
N.T.S.



PROFILE

Scale: Horiz. 1"=10'
Vert. 1"=10'
N.T.S.

6'-0"X3'-0" CONCRETE BOX CULVERT
EXTENSION AT STA. 41+00

LEGEND FOR
AS-BUILT POSTINGS

- Squiggly line for as-built deletion
- Double line for as-built deletion
- Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS

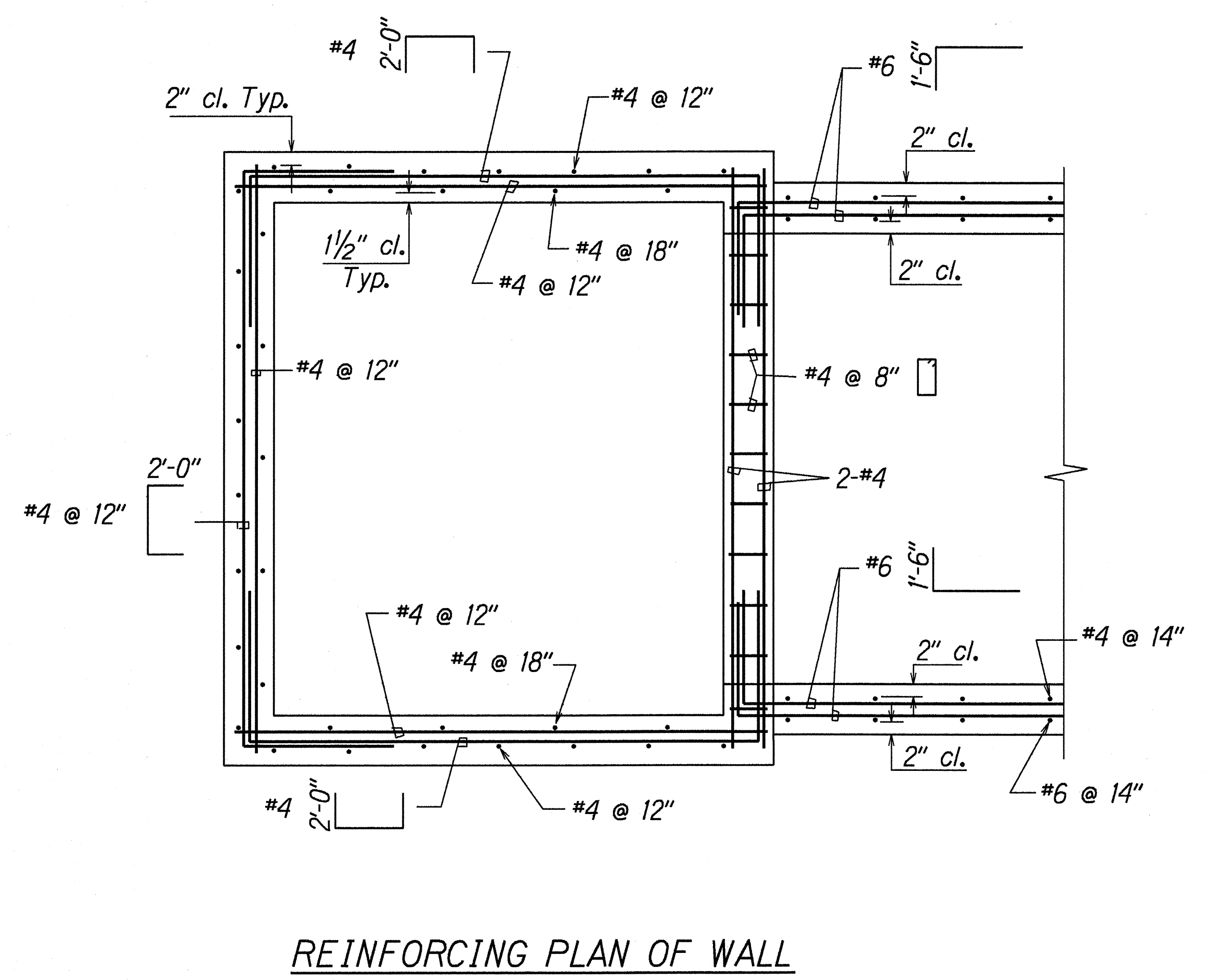
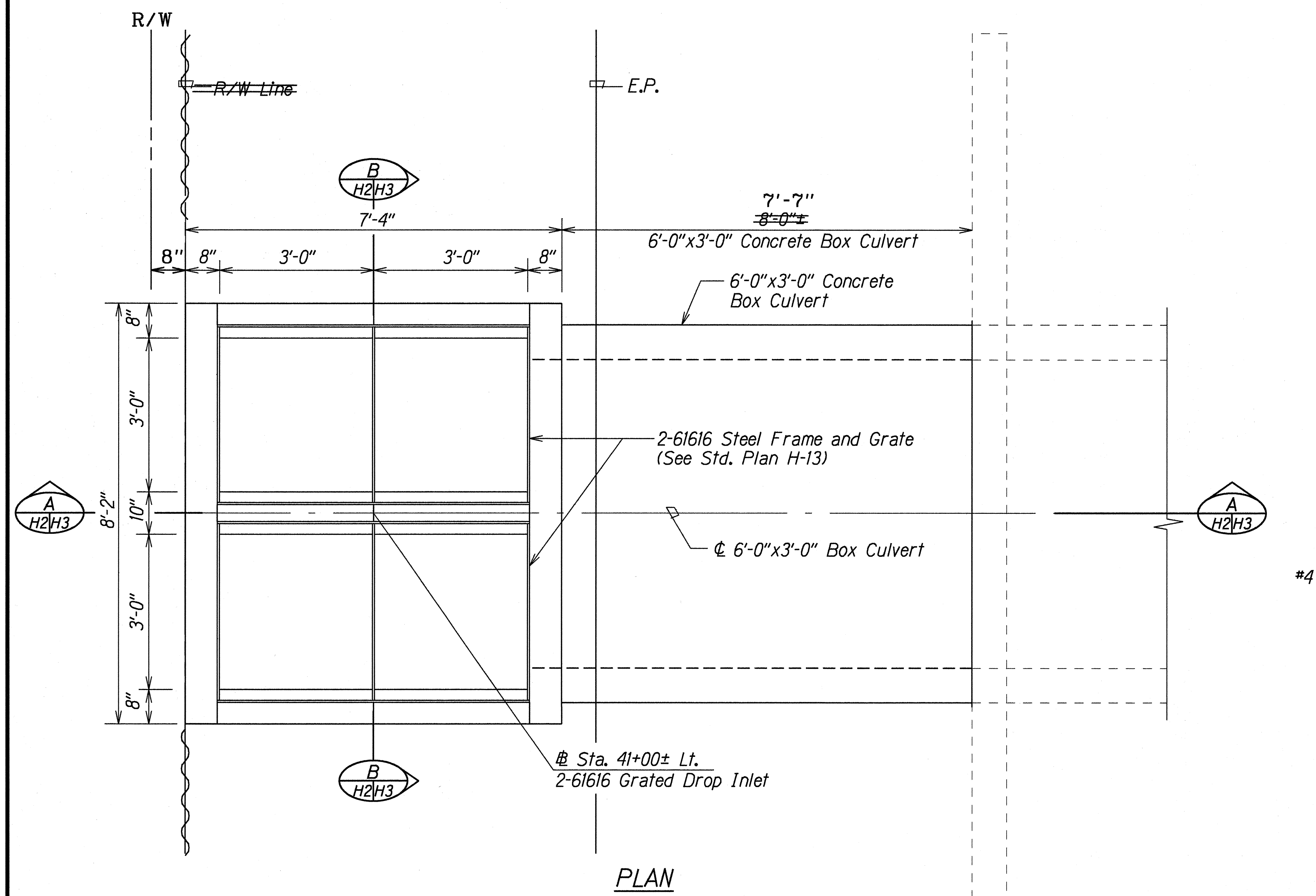
HONOAPIILANI HWY. RESURFACING
North Kihei Rd. to McGregor Pt.
and Tunnel Section
Federal-Aid Project No. NH-030-1(25)

Scale: As Shown Date: Mar. 1995

SHEET No. 14 OF 4 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(25)	1995	15	35



DETAILS OF 2-61616 GRATED DROP INLET AT STA. 41+00± LT.

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

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS
HONOAPIILANI HWY. RESURFACING
North Kihei Rd. to McGregor Pt.
and Tunnel Section
Federal-Aid Project No. NH-030-1(25)

Scale: 3/4"=1'-0"
Date: Mar. 1995

SHEET No. H2 OF 2 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY A. Moulton	3/95
	DESIGNED BY L. Fulkam, C. Matsuda	
	CHECKED BY	
	APPROVED BY	

