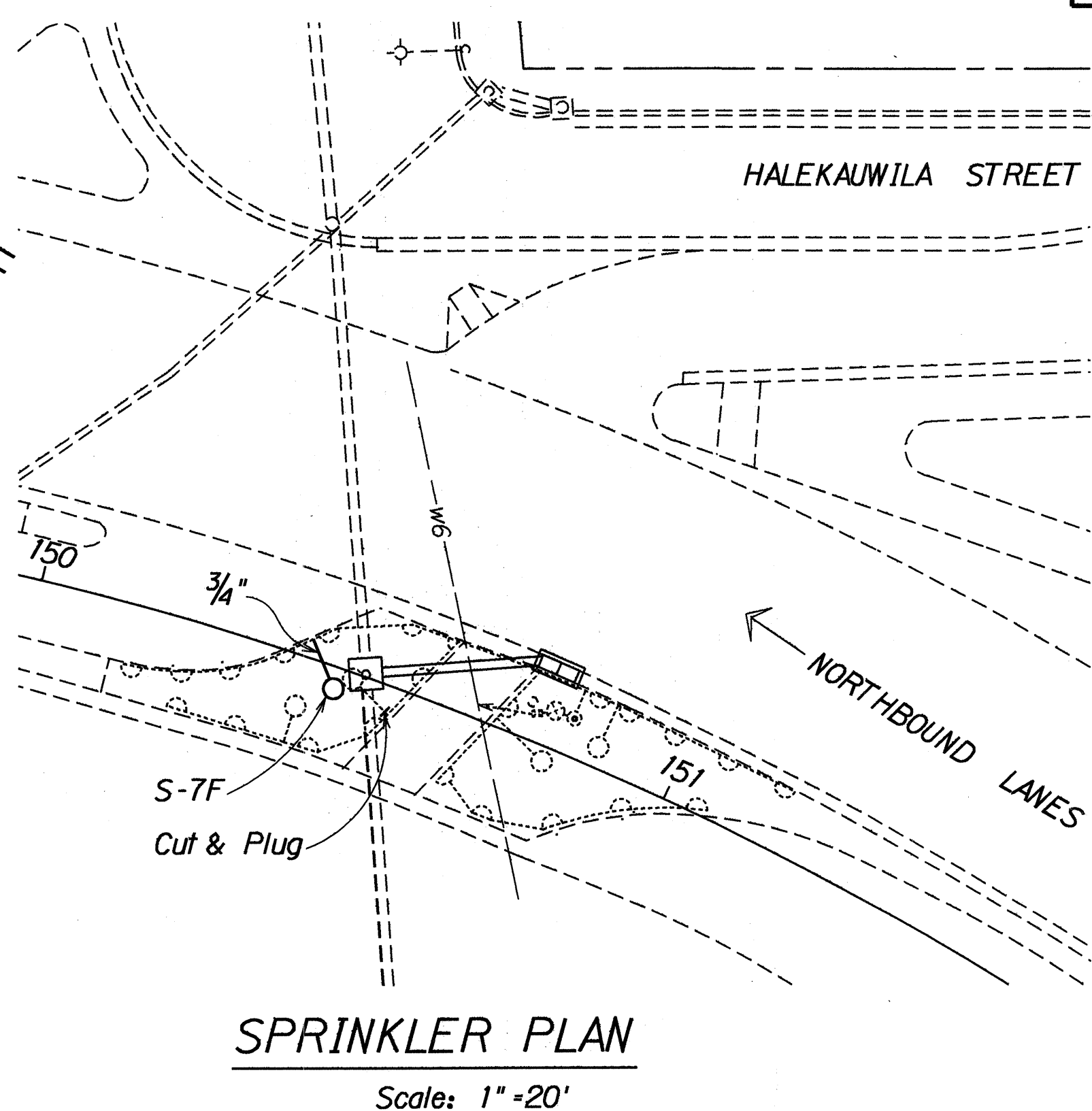
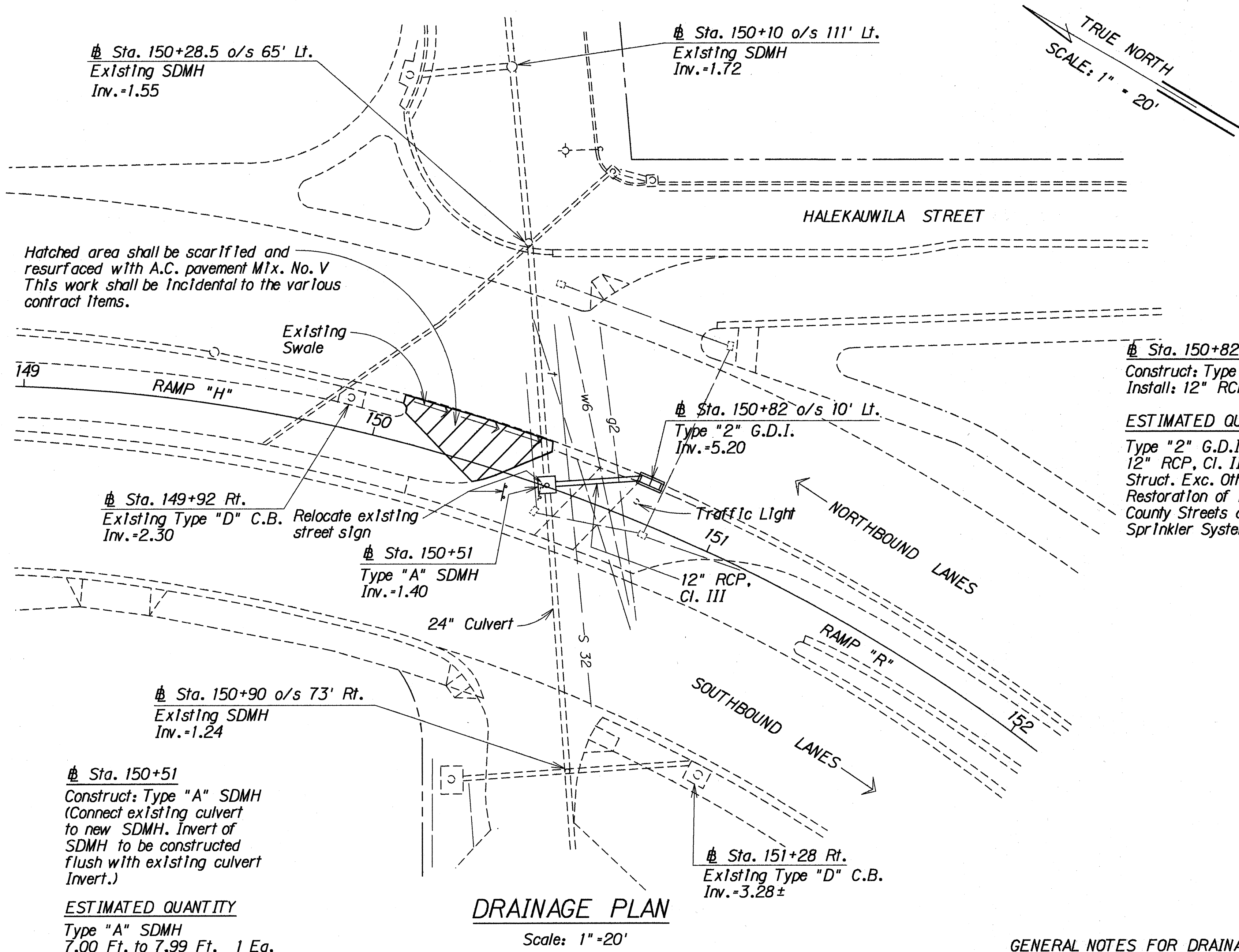


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-90M	1990	C.O. 15 S-1	34



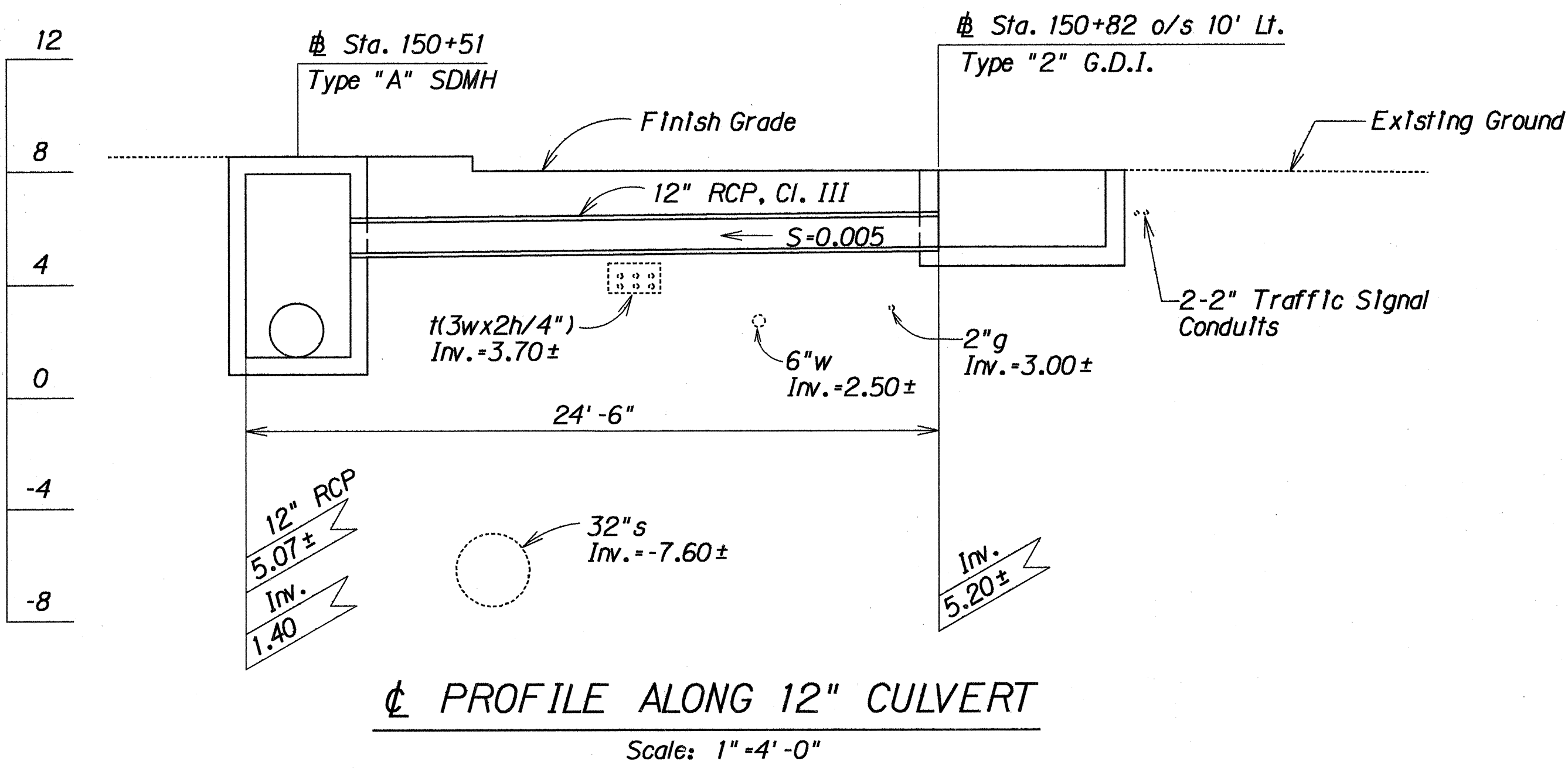
SPRINKLER HEAD SPECIFICATIONS					
TYPE	SYMBOL	DESCRIPTION	PRESSURE	COVERAGE	FLOW
S-7F	○	SHRUBBERY SPRINKLER, FULL CIRCLE	15 P.S.I	7' RADIUS	1.8 GPM

SPRINKLER HEAD SPECIFICATIONS NOTES:

- "PRESSURE: Is the operating pressure in pounds per square inch. This value must not be exceeded when operating at the tabulated flow and radius.
- "COVERAGE: Is the minimum radius at the tabulated pressure
- "FLOW" Is the maximum flow, in gallons per minute which is discharged at the tabulated pressure.

GENERAL NOTES FOR DRAINAGE AND SPRINKLER PLANS:

- 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.
- Concrete shall be Class A unless otherwise noted.
- Chamfer all exposed concrete edges 1".
- For PVC pipe use Sch. 40 or Sch. 80 pipe. Minimum cover shall be 8 inches for solvent weld joints and 18 inches for push on type joints.
- Before laying sprinkler lines, the contractor shall determine if there are any utilities in the way and route sprinkler lines around or keep clear of the utilities.
- Sprinkler heads shall be installed with screens in the riser or base of the sprinkler head as recommended by the manufacturer. (cost shall be incidental to sprinkler head installation)
- The Contractor shall refer to Plan Sheets H-04, H-05, H-08 and H-09 in the "Standard Plans".



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DATE	

02/14/92		Sheet added to contract plans to install Type "2" G.D.I. @ Sta. 150+82 Lt. & Type "A" SDMH @ Sta. 150+51	
DATE	REVISION	SHEET No. H1 OF 2 SHEETS	

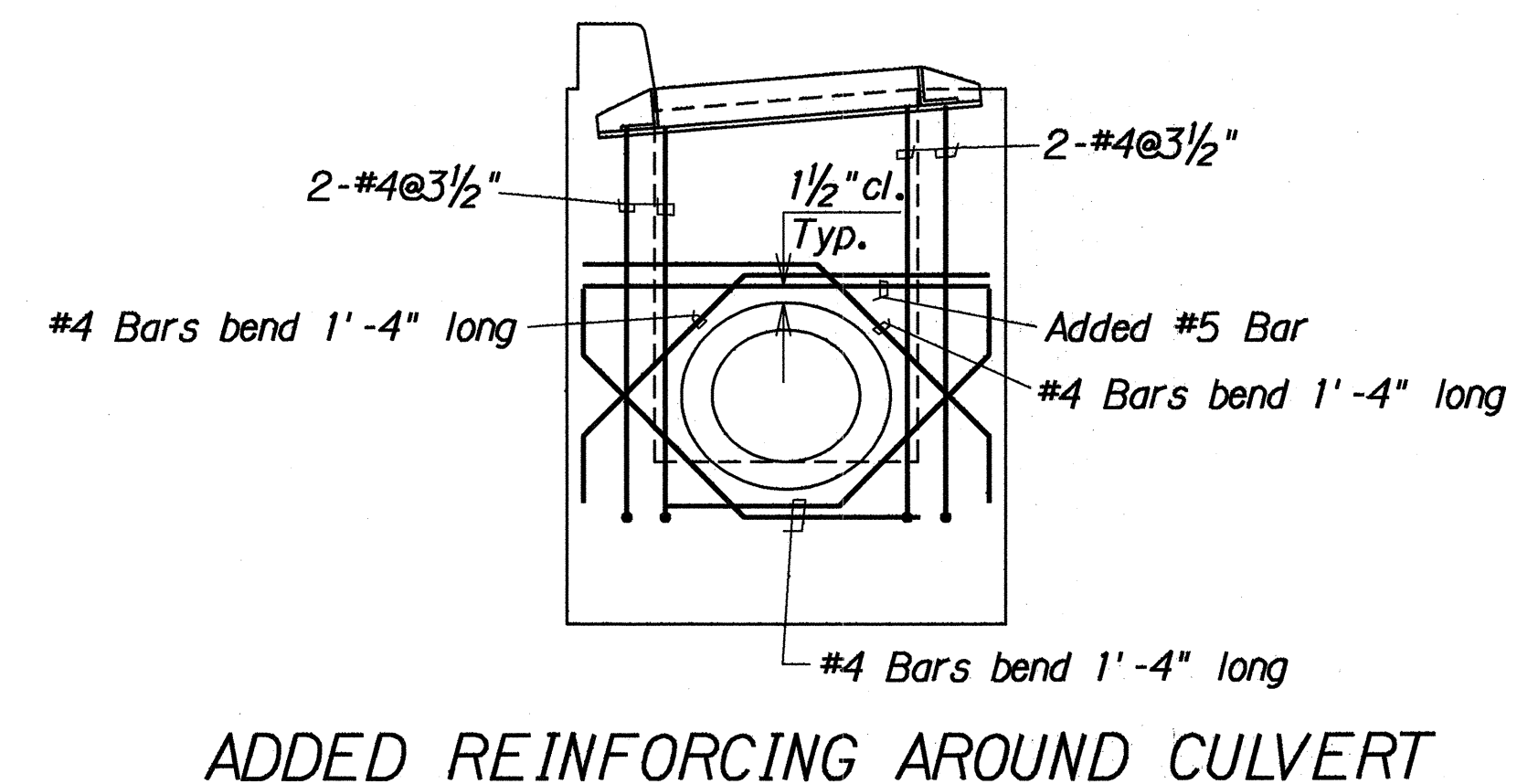
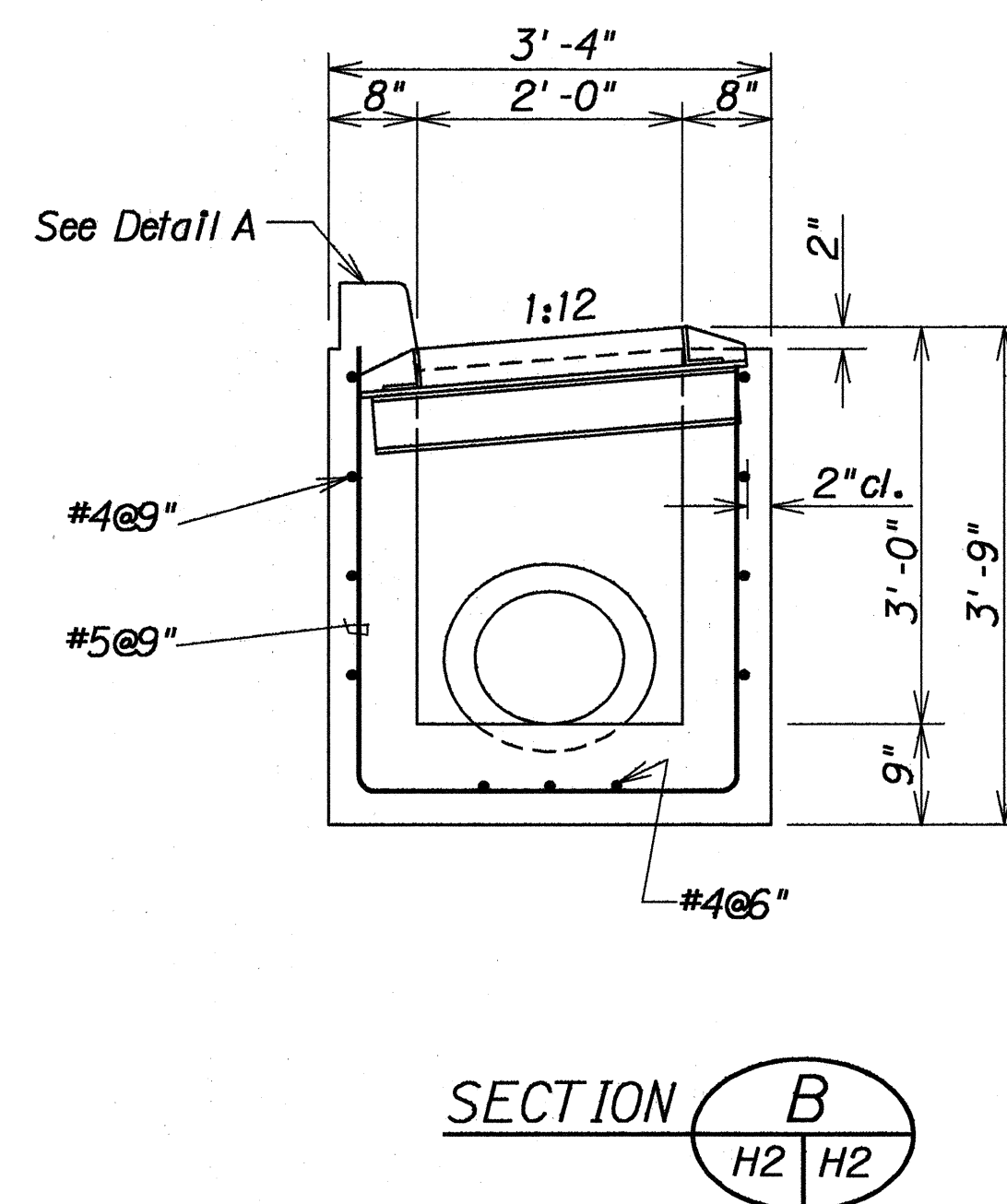
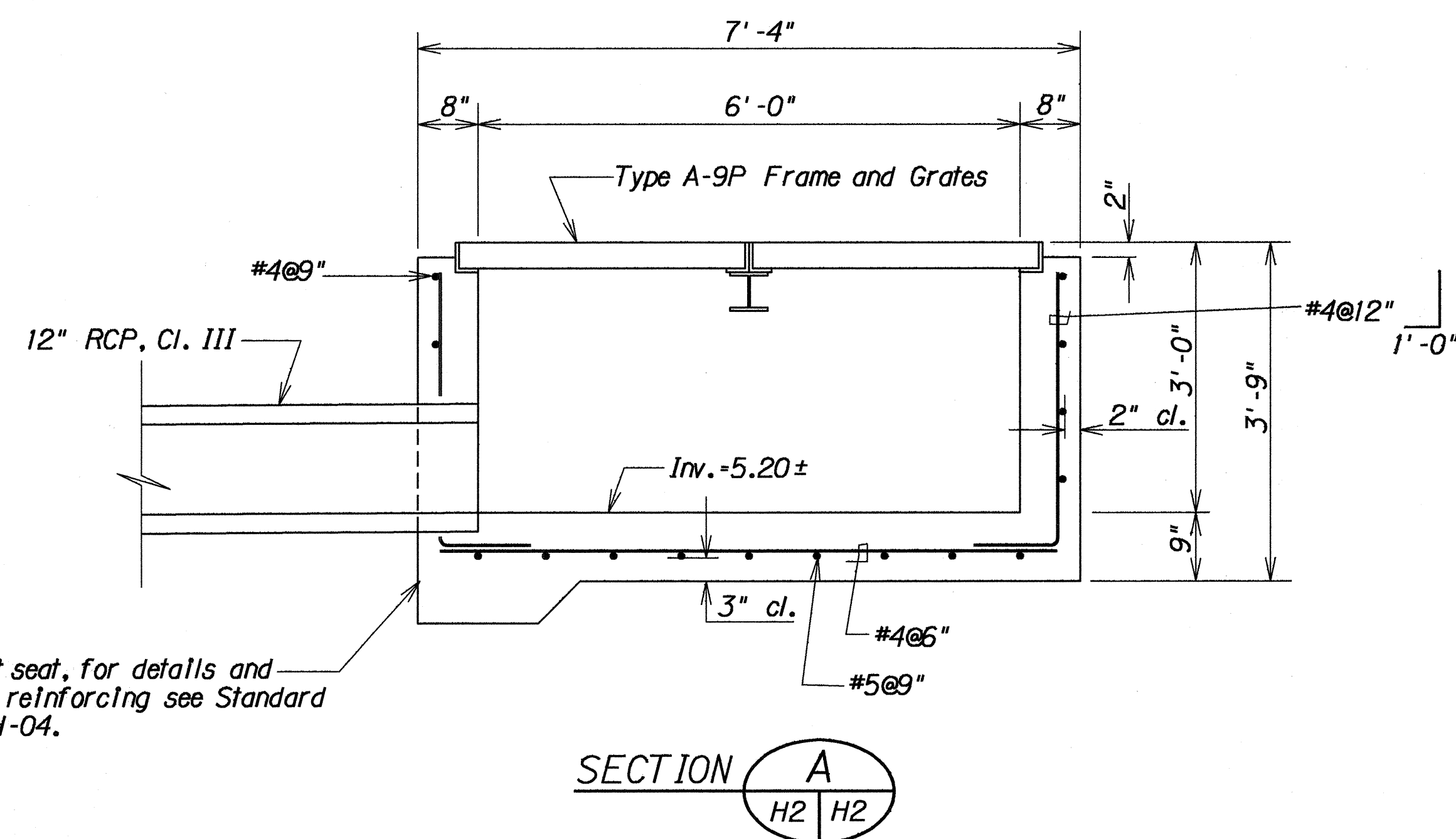
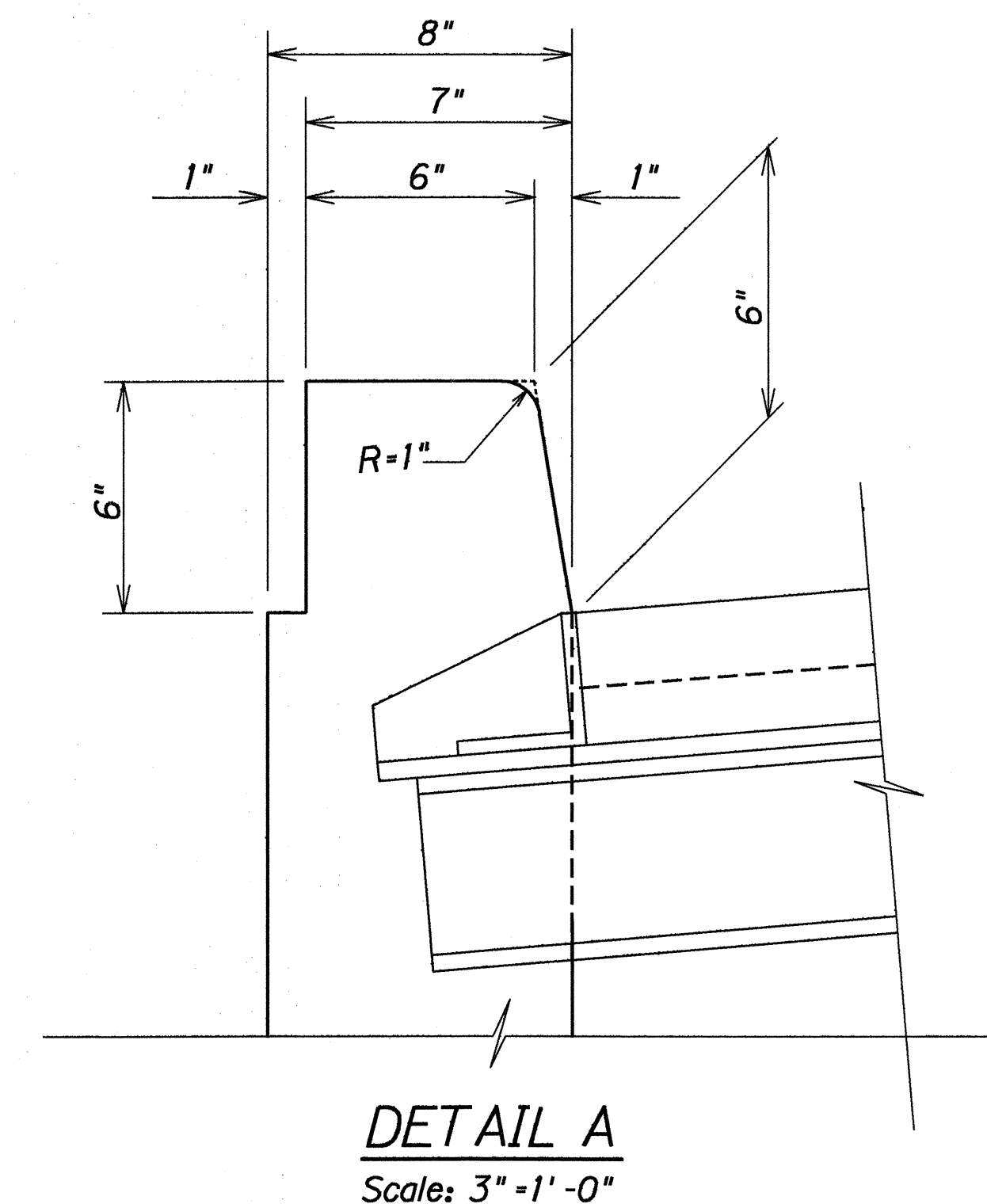
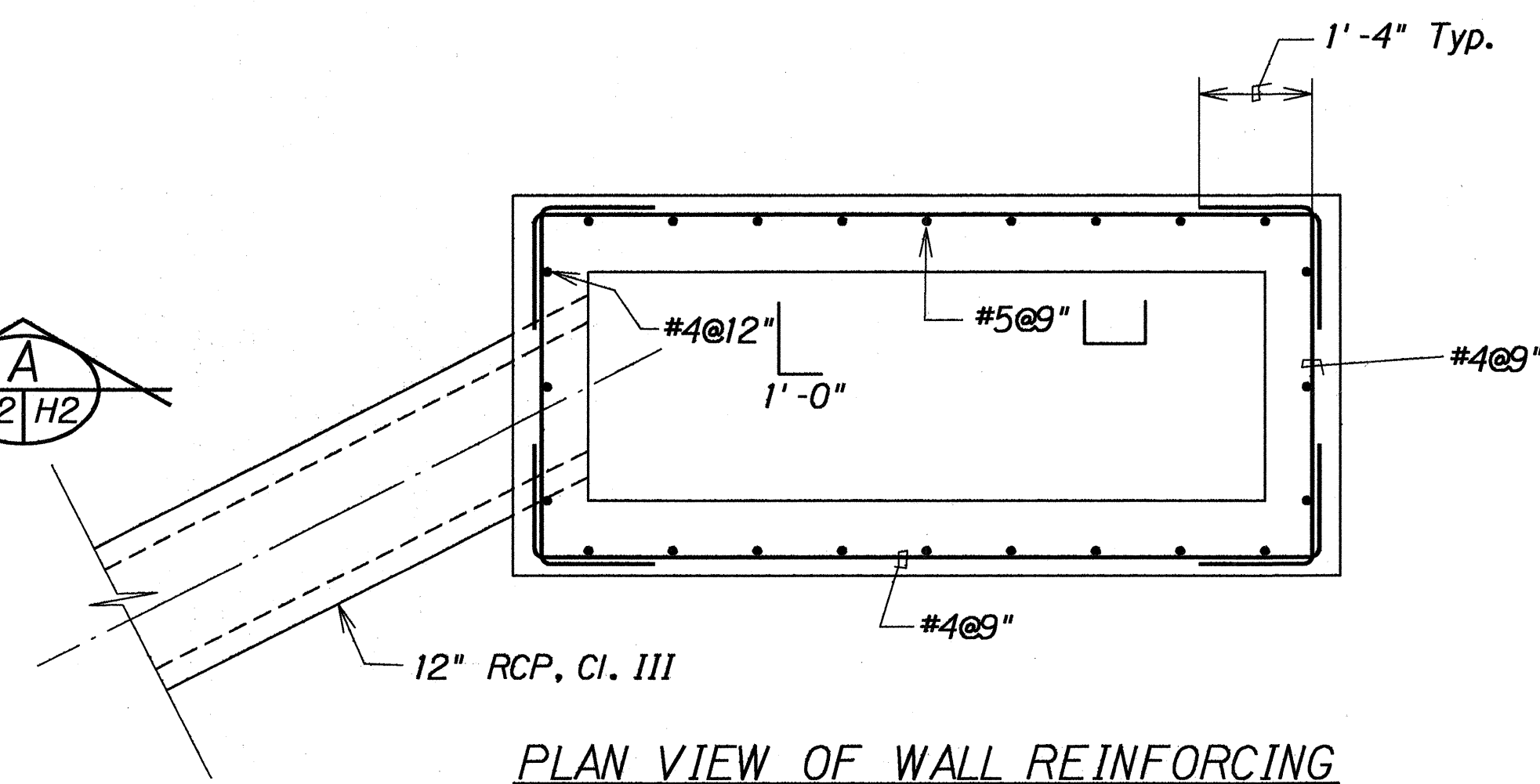
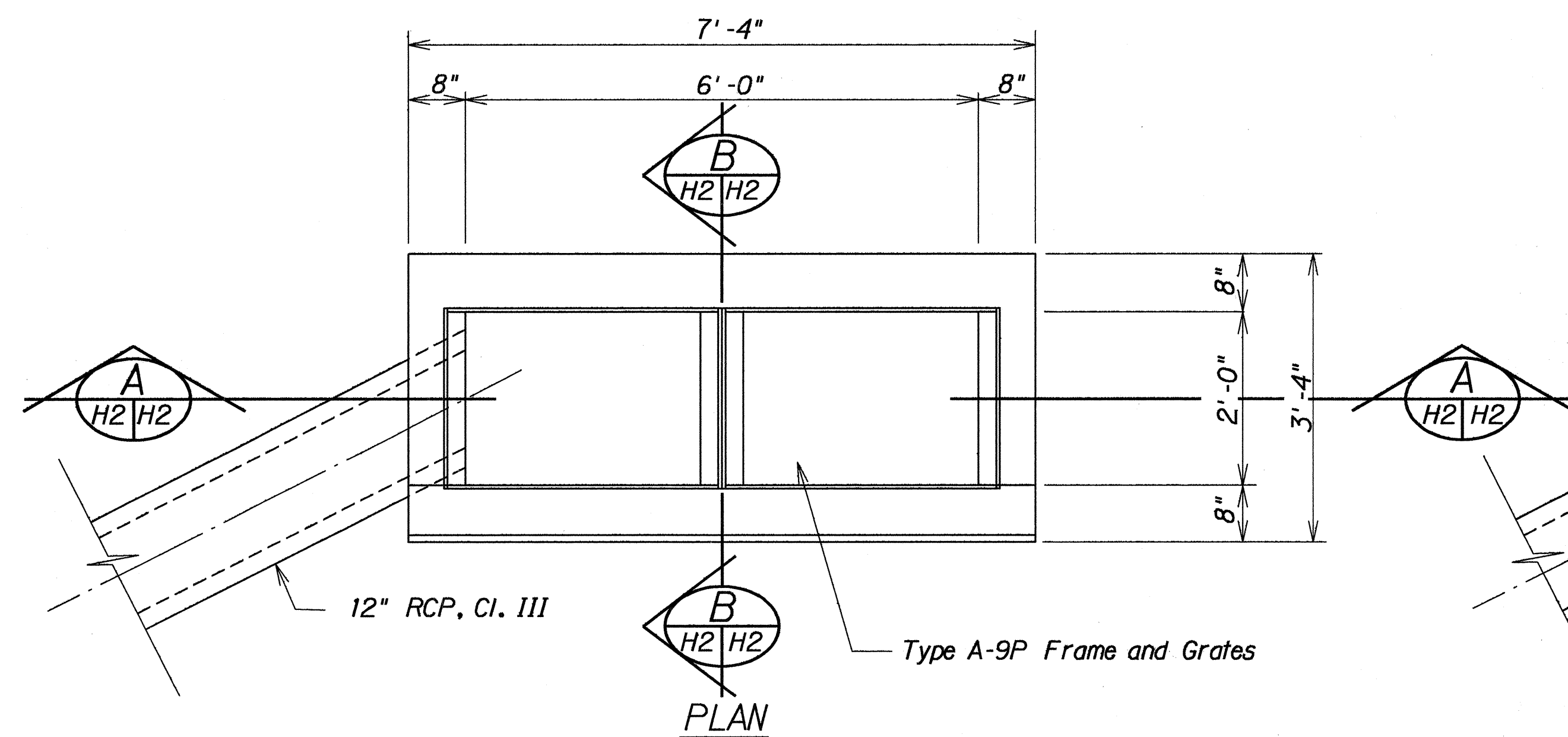
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PLAN

Nimitz Hwy. Ala Moana Blvd.
Resurfacing
(Sand Island Access Rd. to Keawe St.)
Proj. No. 92A-01-90M

Scale: As Shown Date: Feb. 1992

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-90M	1990	C.O. 15 S-2	34



Culvert seat, for details and added reinforcing see Standard Plan H-04.

DETAILS OF TYPE "2" GRATED DROP INLET Scale: 3/4" = 1'-0"

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

02/14/92	Sheet added to contract plans to show details of Type "2" G.D.I.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION DRAINAGE DETAILS Nimitz Hwy. Ala Moana Blvd Resurfacing (Sand Island Access Rd. to Keawe St.) Proj. No. 92A-01-90M Scale: As Noted Date: Feb. 1992
