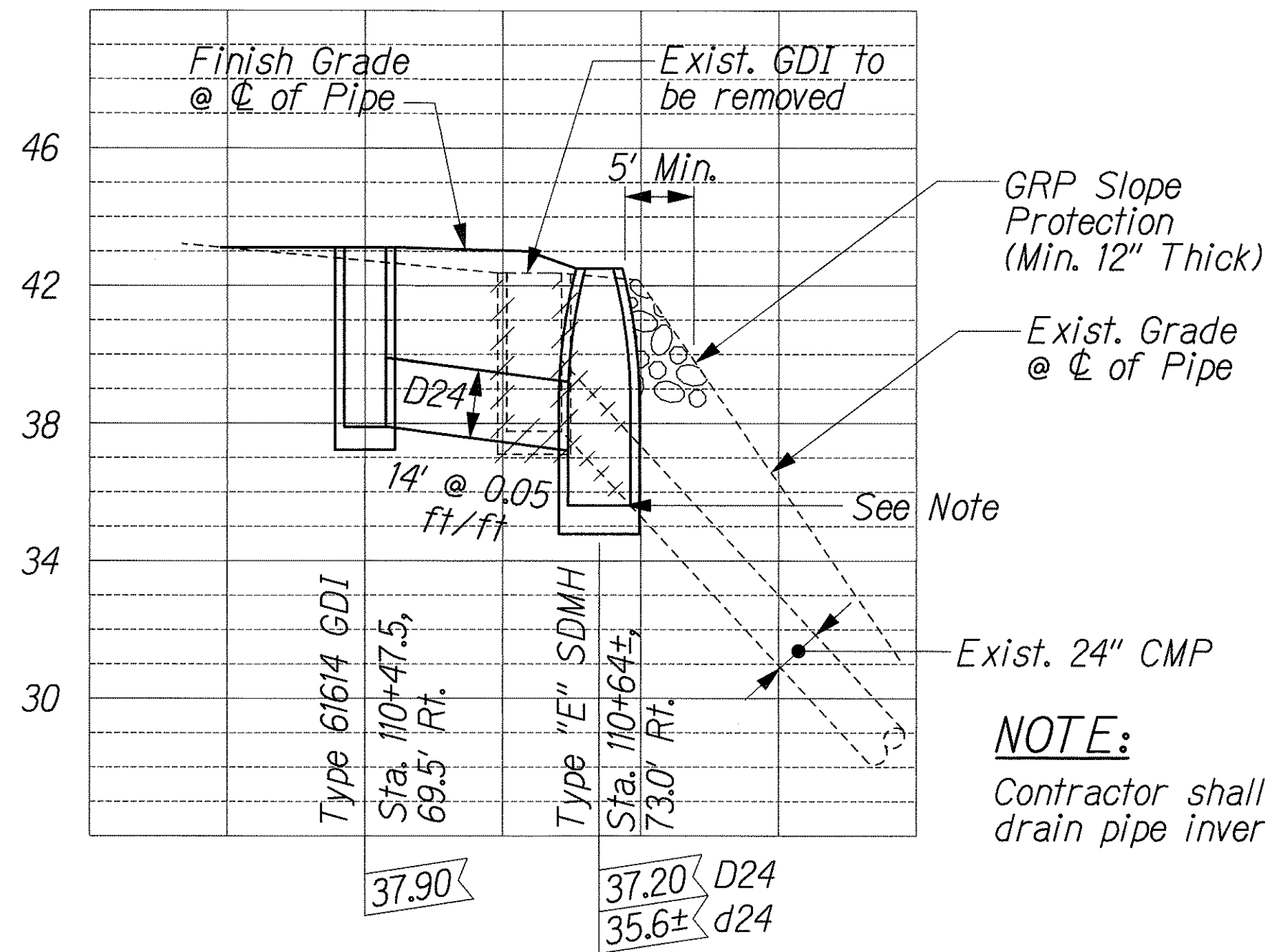
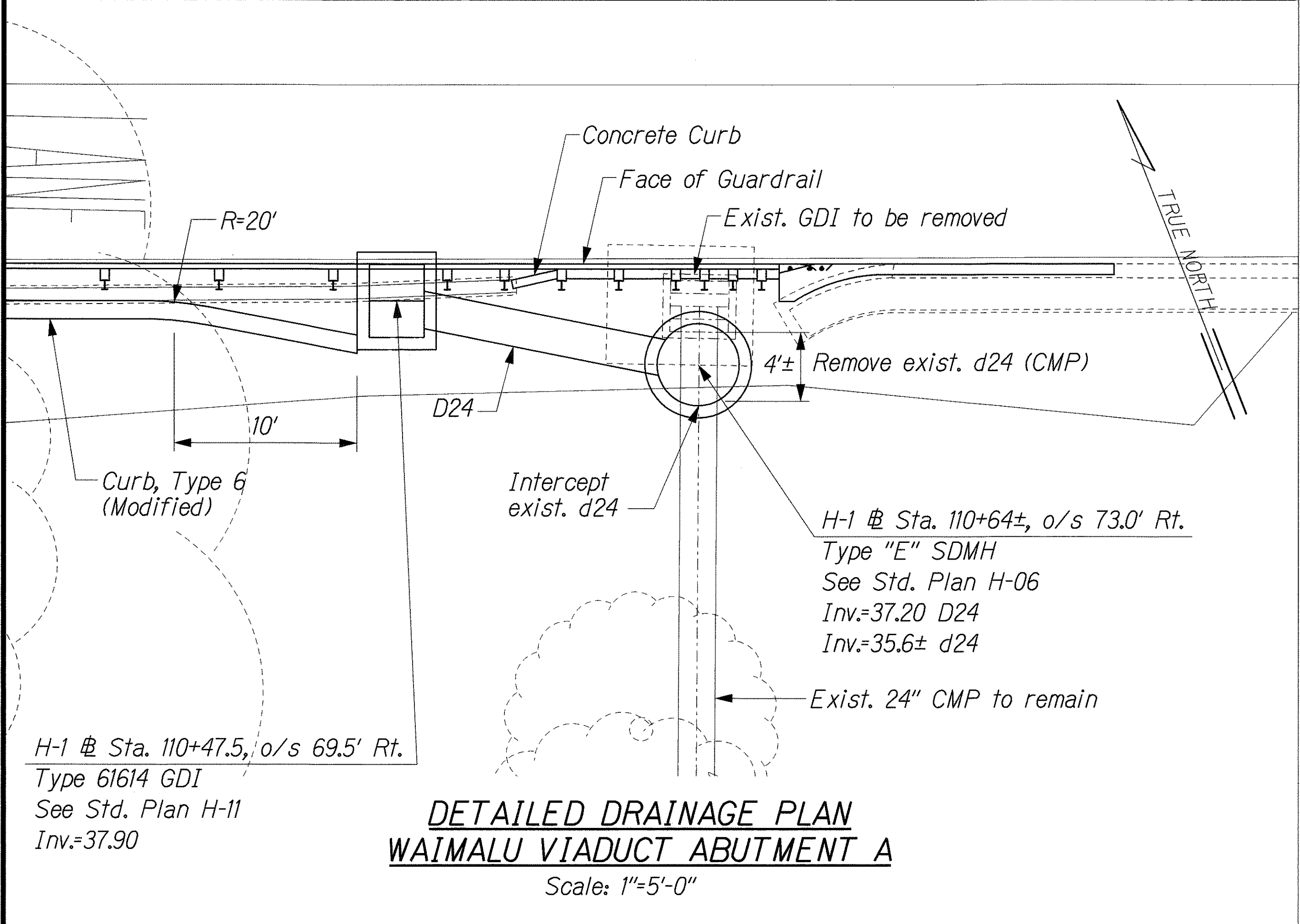
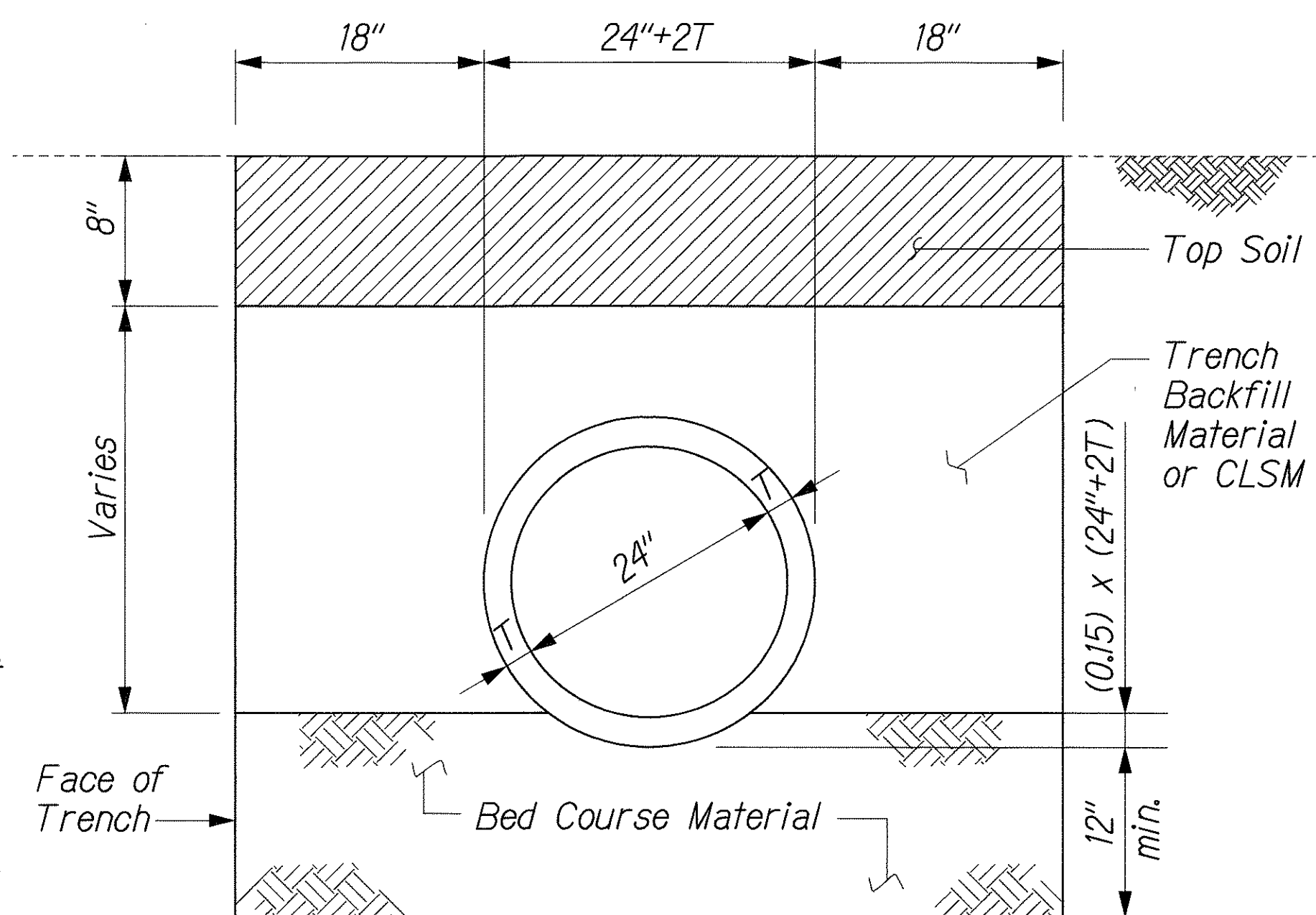


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-K(245)	2005	40	183



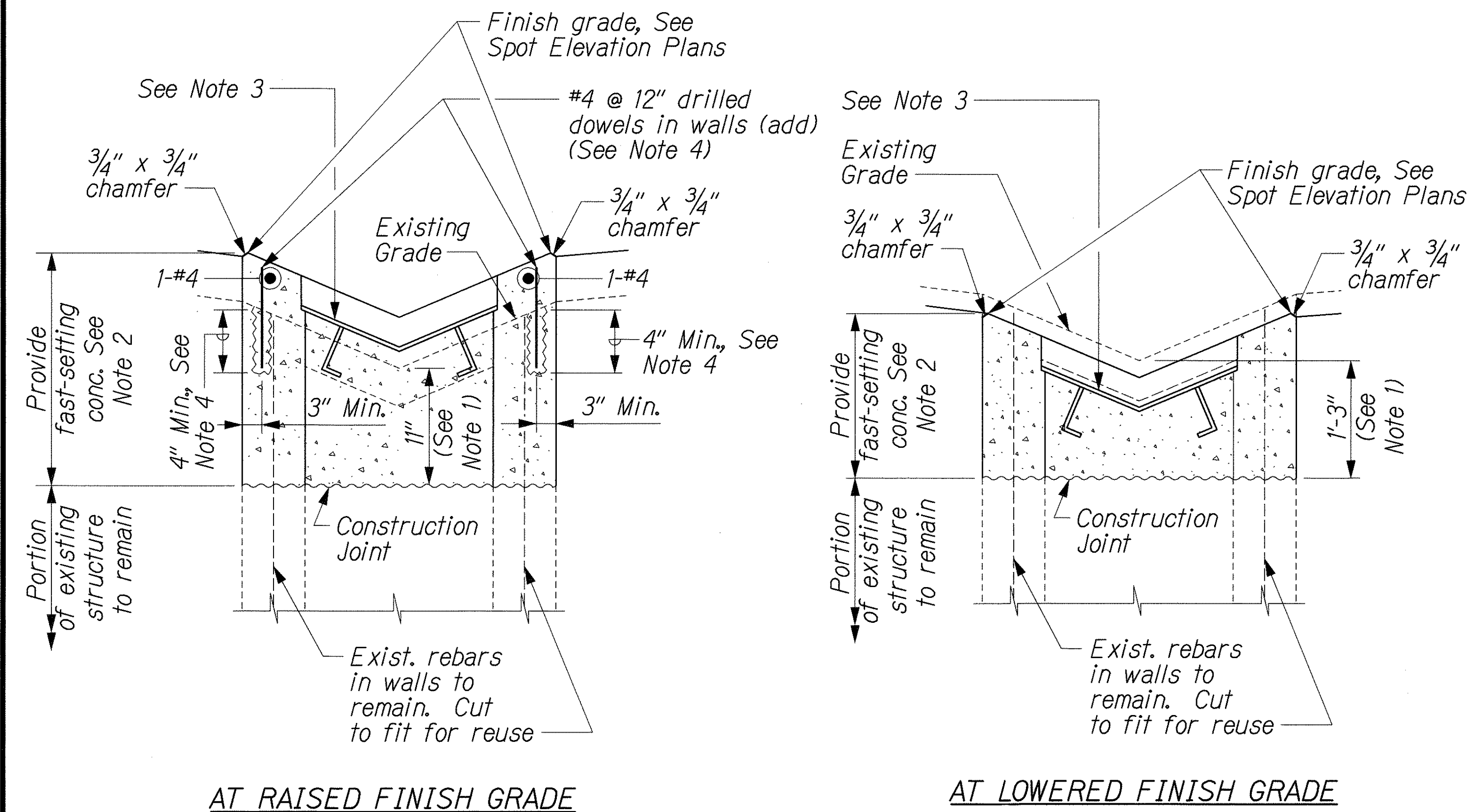
NOTE:
Contractor shall verify exist. 24" drain pipe invert prior to casting SDMH.

CULVERT PROFILE
Scale: Horiz. 1"=10'
Vert. 1"=4'



TRENCH DETAIL
Not to Scale

- NOTES:**
1. Remove the upper portion of existing inlet concrete structure, steel frame & grate as shown.
 2. Use fast-setting concrete to rebuild walls and steel frame. See Note 9 on Sheet S1.
 3. Furnish and install new grates and frame. For Details of steel frame and grates, See HDOT Standard Plan H-13.
 4. Drill 5/8"Ø x 4" min. depth hole perpendicular into existing concrete; clean hole; install epoxy adhesive rebar anchor. See Notes 4 & 5 on Sheet S1. The Contractor shall avoid cutting the existing wall rebars.



GRATE AND FRAME ADJUSTMENT
Not to Scale

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
DATE	

1/2/06 H-1 REHAB/ROAD/RAINPROF.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Hui Pang Chen

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Randall M. Urakami

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PLAN, PROFILE AND DETAILS

INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES
WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: As Shown Date: Jan. 24, 2006

SHEET No. C27 OF 39 SHEETS