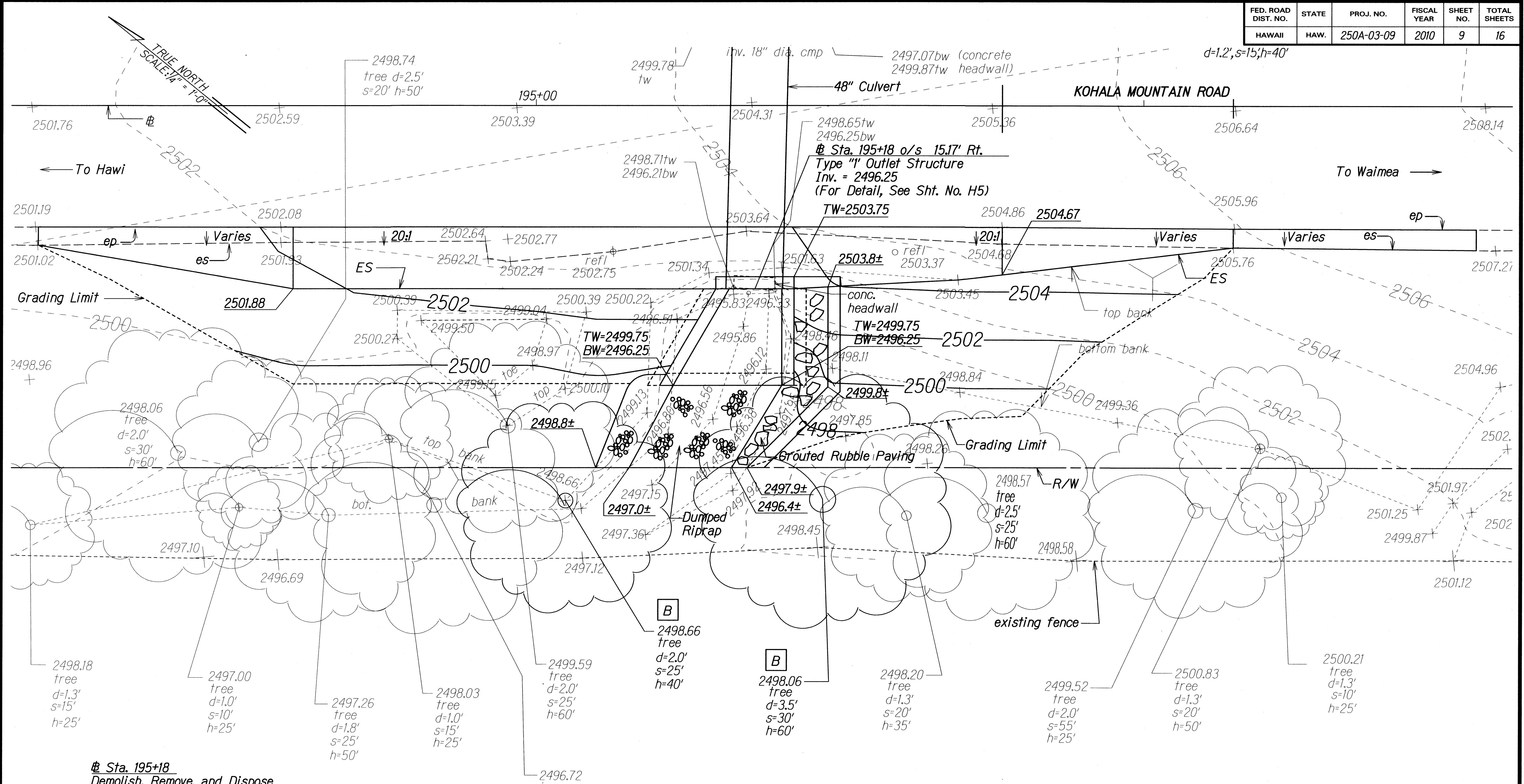


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	250A-03-09	2010	9	16



@ Sta. 195+18
 Demolish, Remove, and Dispose
 Existing 18" Culvert, and Outlet
 Structure. Install 48" Culvert
 and Construct Type "I" Outlet Structure.
 Protect trees. Regrade Roadway
 Embankment. Install GRP and
 Dumped Riprap. Install 2 RM-3
 with Flexible Posts on Outlet Headwall.
 For Det., see Std. Plan TE-14.

2x [B] Protect existing tree to remain.
 Replace with 6" caliper ironwood
 if damaged

GRADING PLAN - OUTLET

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
APPROVED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DRAINAGE PLAN
 KOHALA MOUNTAIN ROAD
 DRAINAGE IMPROVEMENTS, PHASE 3
 VICINITY OF M.P. 13.47
 Project No. 250A-03-09

Scale: 1/4" = 1'-0" Date: April, 2008

SHEET No. H2 OF 5 SHEETS