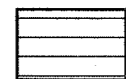





FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-05MR	2008	22	38

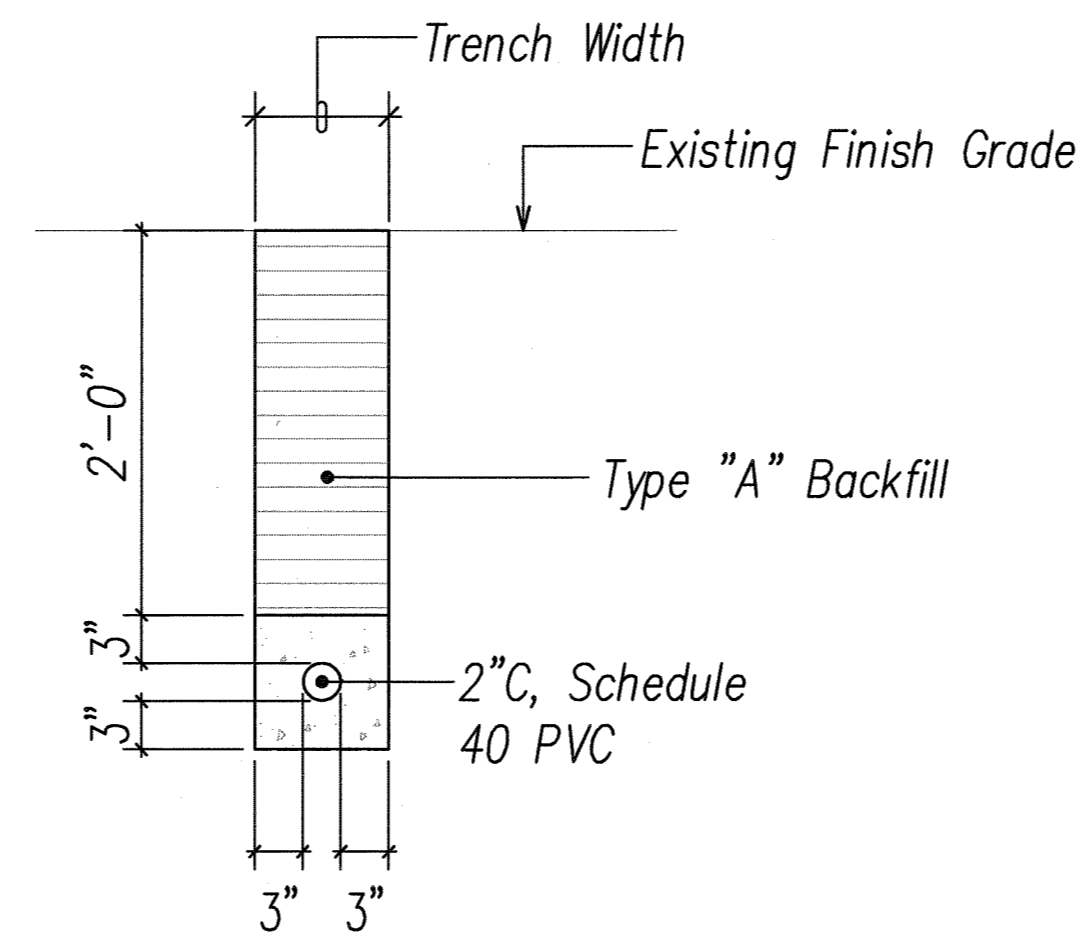
DUCT SECTION BACKFILL NOTES

-  Trench Backfill Material "A" Beach Sand, Earth or Earth and Gravel; If Earth and Gravel Used, Rock Size to be 1" Maximum and the Mixture Shall Contain Not More Than 50% by Volume of Rock Particles; Maximum 8" Loose Fill per Lift; Obtain 95% Compaction for Each Lift.

-  Trench Backfill Material "B" Beach Sand, Earth or Earth and Gravel; If Earth and Gravel Used, Mixture Must Pass a 1/2" Mesh Screen and Shall Contain Not More Than 20% by Volume of Rock Particles; Maximum 8" Loose Fill per Lift; Obtain 95% Compaction for Each Lift.

-  If Material Below Duct is Not Equivalent to Backfill Material "B", Excavate Material & Provide 3" Backfill Material "B", See Above

-  Concrete - 3" Encasement, 3000 PSI Compressive Strength at 3 Days



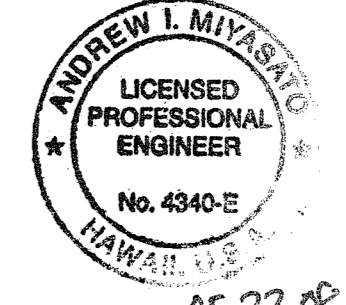
SECTION (A)

DUCT SECTION DETAILS

NOT TO SCALE

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	TRACED BY	
	DESIGNED BY	
	CHECKED BY	

LAST SAVE: 05/03/07 @ 05:58:15 BY: AM PLLOT SC 1"=1"
 Z:\CAD\PROJECTS\24056A\021_24161_00101.XREFS: _24056A_DUCT SECTION DETAILS

 ANDREW I. MIYAZAKI LICENSED PROFESSIONAL ENGINEER No. 4340-E HAWAII	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION DUCT SECTION DETAILS H-2 RAIL LIGHT REPLACEMENT, VICINITY OF WAHIAWA OFF RAMP Project No. HWY-0-03-05MR Scale: AS NOTED Date: MAY 2008
	THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION Andrew I. Miyazaki 05.22.08
	EXPIRATION DATE OF THE LICENSE 04.30.2010
	SHEET No. E-21 OF 35 SHEETS