

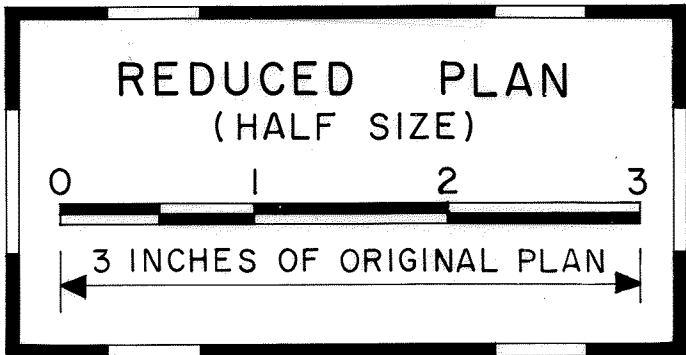
ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION
	Existing Highway Light Standard to Remain
	New 150 Watt High Pressure Sodium Low Highway Level Light Fixture, Surface Mounted on Top of Existing Concrete Barrier, With Circuit Designation, "Connected to Circuit Phases A-B" Indicated
	Existing Low Level Light Fixture, Mounted on Top of Existing Concrete Barrier, to be Removed
	Existing Concrete Pullbox to Remain and be Reused
	Existing Concrete Pullbox to be Abandoned in Place
	New NEMA 4XSS Junction Box, Surface Mounted on Side of Existing Concrete Barrier
	Existing Underground Conduit and Conductors to Remain
	Existing Underground Conduit and Conductors; Remove Conductors and Abandon Existing Conduit in Place
	Existing Underground Conduit and Conductors; Remove Conductors and Existing Conduit to be Reused
	Existing Underground Conduit to Remain and be Reused; Provide New Highway Lighting Circuit Conductors
	New Surface Mounted Rigid Galvanized Steel Conduit, PVC Coated
	New Liquidtite Flexible Metal Conduit
	Highway Light Ductline with Duct Designations; Item In Circle Indicates Duct Section Type, With Duct Complement Noted Below (Type "A" Duct Indicated with 1-2" L Duct; L=Highway Light Duct); See Sheet E-21 for Duct Section Details
SS	Denotes "Type 316 Stainless Steel"
eHLPB	Denotes "Existing Highway Lighting Pullbox"
GRSC	Denotes "Galvanized Rigid Steel Conduit"
GRS	Denotes "Galvanized Rigid Steel"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-05M	2007	2	36

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

LAST SAVE: 06/23/07 @ 05:52:04 BY: AM PLOT SG: 1'-0"=1'  
2: \CAD\PROJECTS\24056A\001\_25046A\_Symbol\_XREFS\_24056A\_SYMBOLS



RONALD N. S. HO & ASSOCIATES, INC.  
Electrical Engineers

06.03.07  
*Andrew I. Miyazaki*  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION  
04.30.2008  
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**ELECTRICAL SYMBOLS**

H-2 RAIL LIGHT REPLACEMENT,  
VICINITY OF WAHIAWA OFF RAMP

Project No. HWY-0-03-05M  
Scale: AS NOTED Date: JUNE 2007

SHEET No. E-1 OF 35 SHEETS