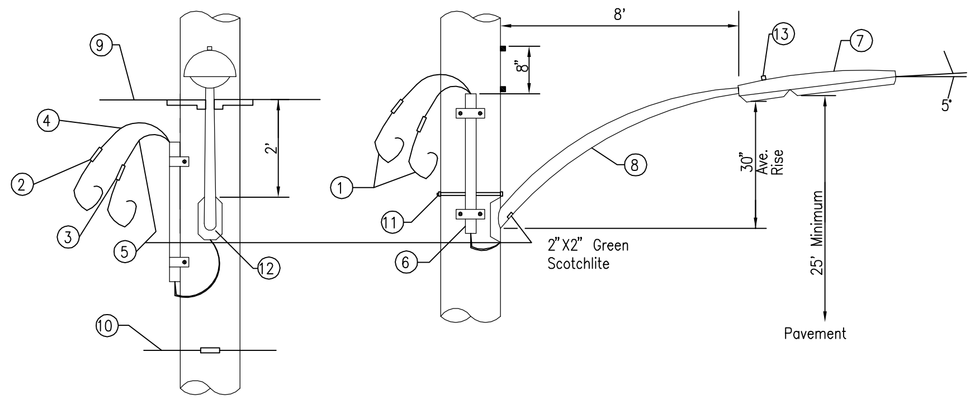
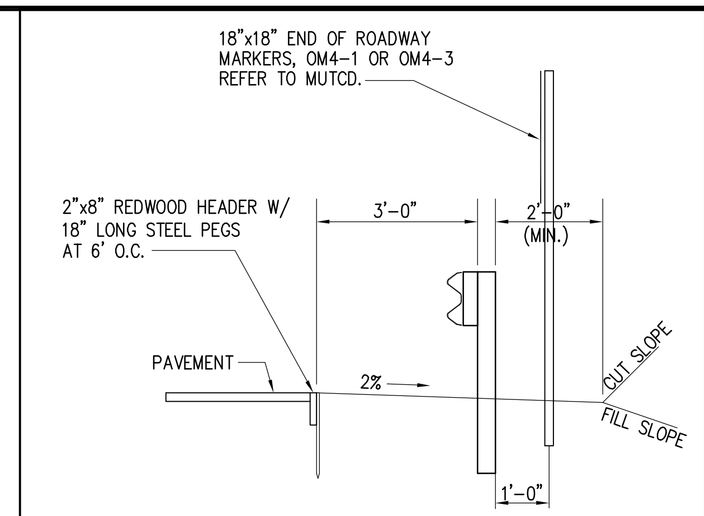
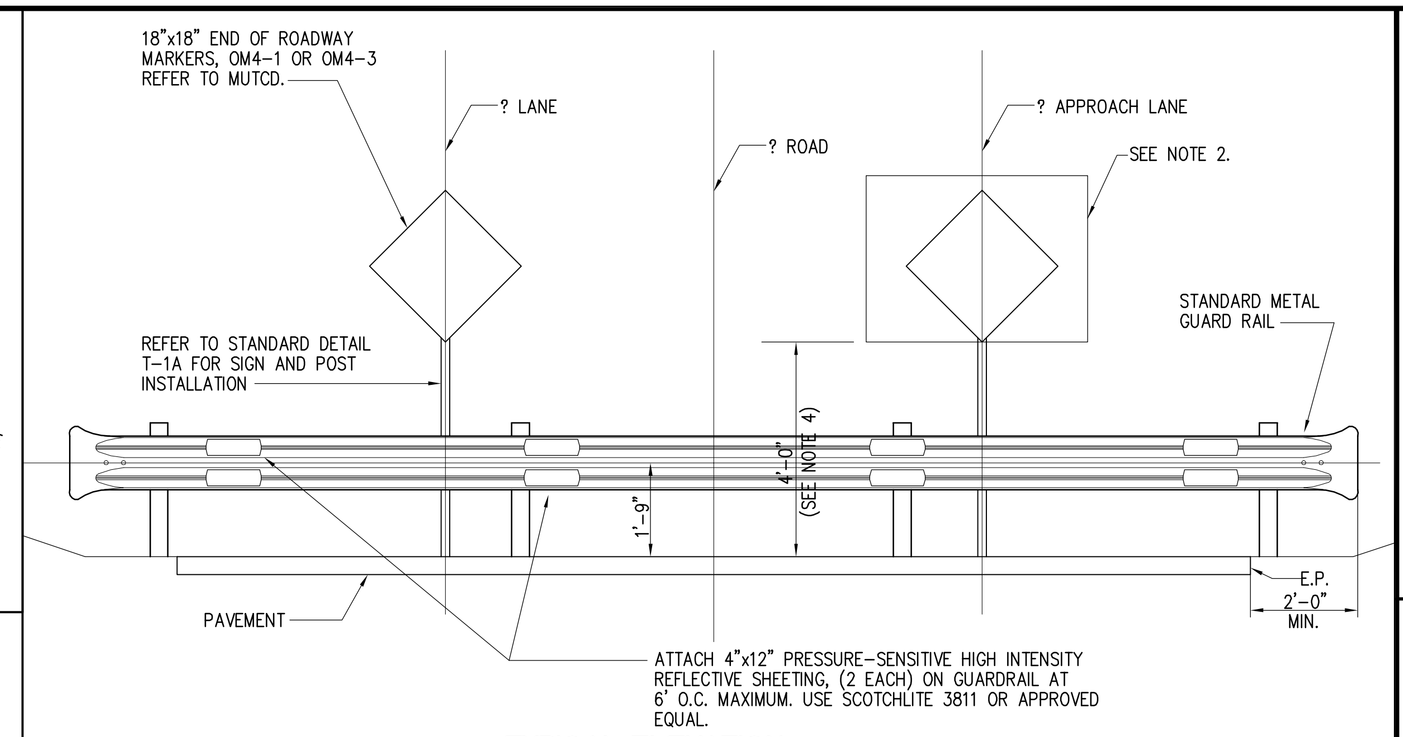


ITEM	DESRIPTION
(1)	No. 8 AWG-RHW, black and white aluminum wire.
(2)	In-line fuse holder and fuse suitable for No. 8 AWG aluminum wire on line side, No. 12 copper on load side.
(3)	In-line unfused, insulated separable connector, suitable for No. 8 AWG aluminum wire on line side, No. 12 copper on load side.
(4)	No. 12 AWG-RHW black, single conductor copper wire.
(5)	No. 12 AWG-RHW white, single conductor copper wire.
(6)	3/4" schedule 80 PVC with conduit straps.
(7)	Luminaire.
(8)	Tapered ellpitical aluminum mounting bracket.
(9)	Secondary by HELCO.
(10)	HTCO lines.
(11)	Machine bolt, 5/8" x required lenght.
(12)	Lag screw, 1/2"x4".
(13)	Photocell.
NOTES:	1. Final connection to be made by Hawaii Electric Light Co., Inc. 2. Fixtures to be bonded to neutral.

(2) C-15 STREETLIGHT DETAIL
NOT TO SCALE



TYPICAL SECTION
NOT TO SCALE



TYPICAL ELEVATION
NOT TO SCALE

NOTES:
1. THIS DETAIL IS INTENED FOR TWO-LANE, TWO ROADWAYS WITH MAXIMUM SPEED LIMIT OF 25 MPH. FOR OTHER ROADWAY CLASSIFICATIONS, ADDITIONAL WARNINGS SIGNS MAY BE REQUIRED. REFER TO LATEST EDITION OF THE MUTCD.
2. FOR END OF ROAS(s) WITH ACCESS TO SIDE STREETS AT 90°± TO THE RIGHT OR LEFT, USE APPROPRIATE SIGN IN LIEU OF 18"x18" DIAMOND, (AT CENTER LINE OF APPROACH LANE LOCATION), SUCH AS W1-6 OR W1-7.
3. USE APPROPRIATE ADVANCE WARNING SIGNS PER THE LATEST EDITION OF THE MUTCD.
4. INCREASE HEIGHT OF THE END OF ROADWAY MARKERS WHEN THE APPROACH IS ON A VERTICAL CURVE THAT OBSTRUCTS VISIBILITY OF THE MARKERS. DESIRABLE MINIMUM SIGHT DISTANCE FOR THE END OF ROADWAY MARKER SHOULD BE AT LEAST 500'.
5. THE BARRICADE AND SIGNS SHOULD BE PLACED AT APPROXIMATELY 90° TO THE ROADWAY TO PROVIDE MAXIMUM VISIBILITY. HIGH INTENSITY SHEETING MAY BE DIRECTIONAL AND MUST BE ORIENTED ACCORDINGLY.

(1) C-15 END OF ROAD BARRICADE
NOT TO SCALE

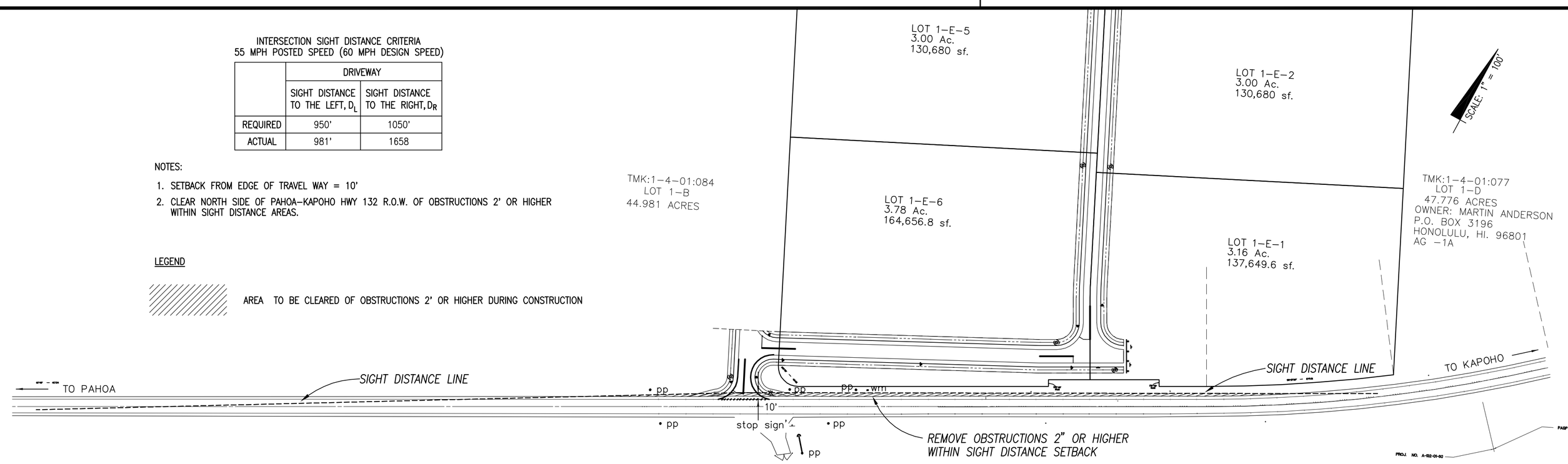
INTERSECTION SIGHT DISTANCE CRITERIA
55 MPH POSTED SPEED (60 MPH DESIGN SPEED)

	DRIVEWAY	
	SIGHT DISTANCE TO THE LEFT, D_L	SIGHT DISTANCE TO THE RIGHT, D_R
REQUIRED	950'	1050'
ACTUAL	981'	1658

NOTES:
1. SETBACK FROM EDGE OF TRAVEL WAY = 10'
2. CLEAR NORTH SIDE OF PAHOA-KAPOHO HWY 132 R.O.W. OF OBSTRUCTIONS 2' OR HIGHER WITHIN SIGHT DISTANCE AREAS.

LEGEND

AREA TO BE CLEARED OF OBSTRUCTIONS 2' OR HIGHER DURING CONSTRUCTION



P A H O A - K A P O H O H W Y 1 3 2

SIGHT DISTANCE
SCALE: 1" = 100'

Engineering Partners, Inc.
Consulting Engineers
P.O. Box 4159
Hilo, Hawaii 96720
Phone: (808) 933-7900
Fax: (808) 933-3533
epllc@lava.net

TEN WEN FANG
LICENSED PROFESSIONAL ENGINEER
Exp. 04/30/08
No. 9361-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION, CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE

SUBDIVISION IMPROVEMENT PLAN FOR:
HELLSTERN SUBDIVISION
PUUA-KAPOHO, PUNA, ISLAND OF HAWAII, HAWAII
T.M.K: (3) 1-4-001 : 073

JOB NO. 06-025

SITE DISTANCE & STRIPING PLAN DETAILS

DATE: MAY 2007
REV.
REV.
REV.
REV.

DWG. NO.
C-17
SHEET NO. OF

May 23, 2008 - 4:48pm
M:\EP-Projects\Project\06-025 Hellstern Subdivision\dwg\C-16 STRIPPING PLAN.dwg