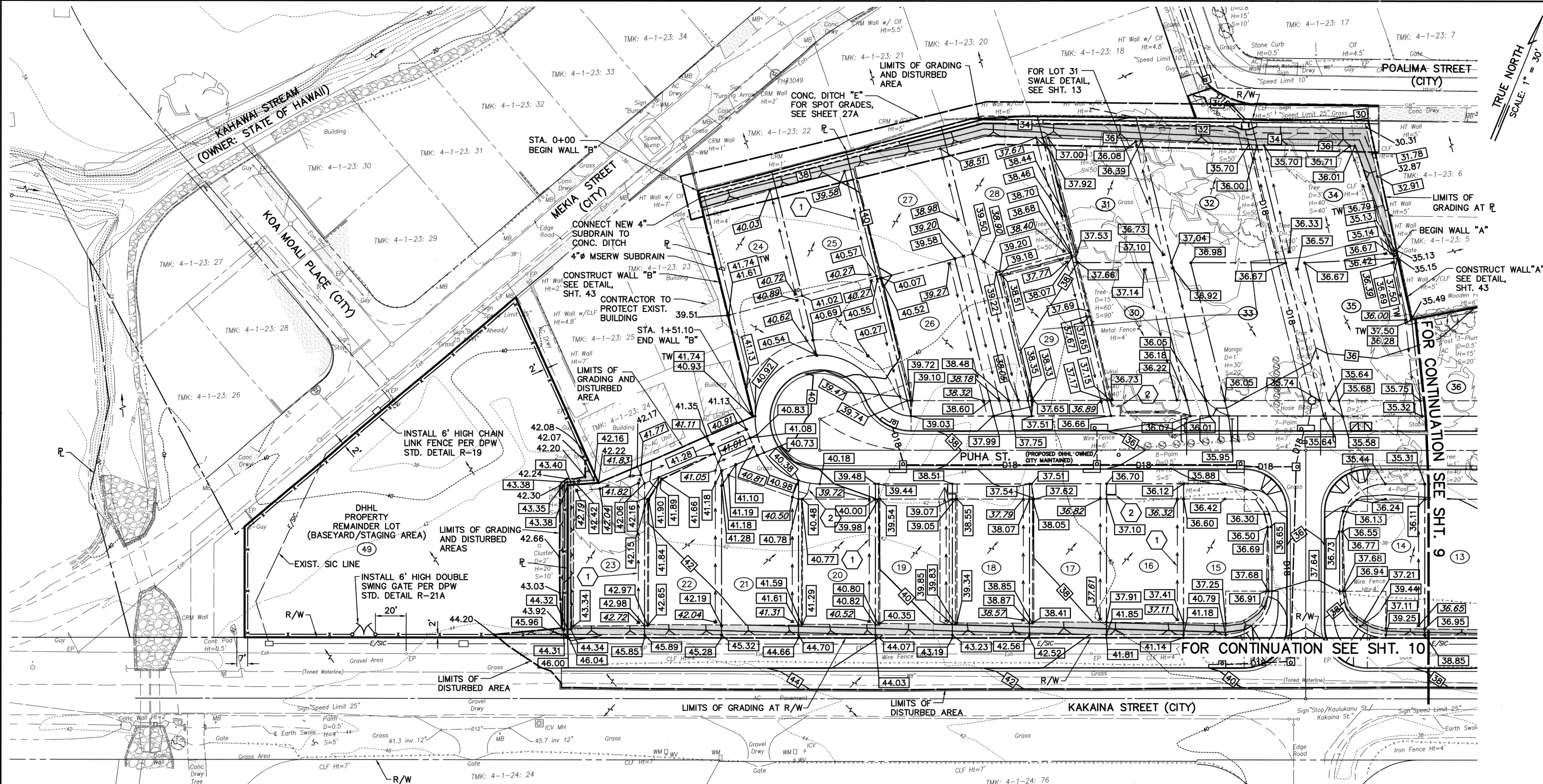


Plotted on: 12/11/2013 #2\DHHL0602KA06.dwg



LEGEND

- LIMITS OF GRADING
- 50--- EXISTING CONTOUR
- 50— FINISH CONTOUR
- RUN-OFF FLOW DIRECTION
- XX.XX FINISH SPOT GRADES
- XX.XX EXISTING GRADES

⑩ LOT NUMBER

NEW 2:1 SLOPE

EXIST. LOT
LIMITS OF GRADING AT R

NEW LOT
TOP OF WALL ELEV.
41.74 TW
41.61
FINISH GROUND ELEV. AT FACE OF WALL
39.51
EXIST. GROUND ELEV. AT FACE OF WALL

— HIGH PT. EARTH SWALE
SEE DETAIL, SHEET 13

XX.XX SWALE SPOT GRADES

- 1 SWALES FOR LOTS 2, 4-12, 14, 16-29, 31, 32, 34 & 35 SEE DETAIL, SHEET 13
- 2 SEE SHEET 14 FOR GRADING AT TRANSFORMER PADS & CATV POWER SUPPLY EQUIP.

* LOTS 13, 19, & 44-46 REQUIRE SPECIAL SWALE GRADING FOR SWALE DETAILS. SEE SHEETS 13 AND 14

EARTHWORK QUANTITIES

AREA TO BE GRADED = 7.32 ACS.
EXC. = 7,890 C.Y.
EMB. = 10,458 C.Y.

AREA TO BE DISTURBED = 8.46 ACS.

NOTES:

- EARTHWORK QUANTITIES ARE FOR GRADING PERMIT PURPOSES.
- QUANTITIES DOES NOT INCLUDE SHRINKAGE AND GRUBBING LOSSES.
- CONTRACTOR SHALL DEMOLISH AND REMOVE EXIST. STRUCTURES, CONC. SLABS, A.C. PAVEMENTS, FENCE AND TREES WITHIN THE LIMITS OF GRADING UNLESS OTHERWISE NOTED.
- CONTRACTOR TO VERIFY EXIST. SITE CONDITIONS PRIOR TO BID.

30' 0 30' 60'
SCALE: 1" = 30'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION
LICENSE EXPIRES 4/30/14

5/6/2013	ADDED SHEET, DELETE PORTION KAUUKANU ST. & REV. GRADING	A&A	APPR
REVISION DATE	DESCRIPTION	MADE BY	

DEPARTMENT OF HAWAIIAN HOME LANDS
KAKAINA SUBDIVISION
TAX MAP KEY: 4-1-08: 10, 81, 91 & 92
WAIMANALO, KOOLAUPOKO, OAHU, HAWAII

GRADING PLAN

APPROVED: M. 728 12/17/2013
CHIEF, CIVIL ENGINEERING BRANCH, DPP
AKINAKA & ASSOCIATES, LTD.
CONSULTING ENGINEERS

FILE	POCKET	FOLDER	NO.
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THIS SHEET SUPERSEDES SHEET 8 SHEET 8A OF 88 SHEETS