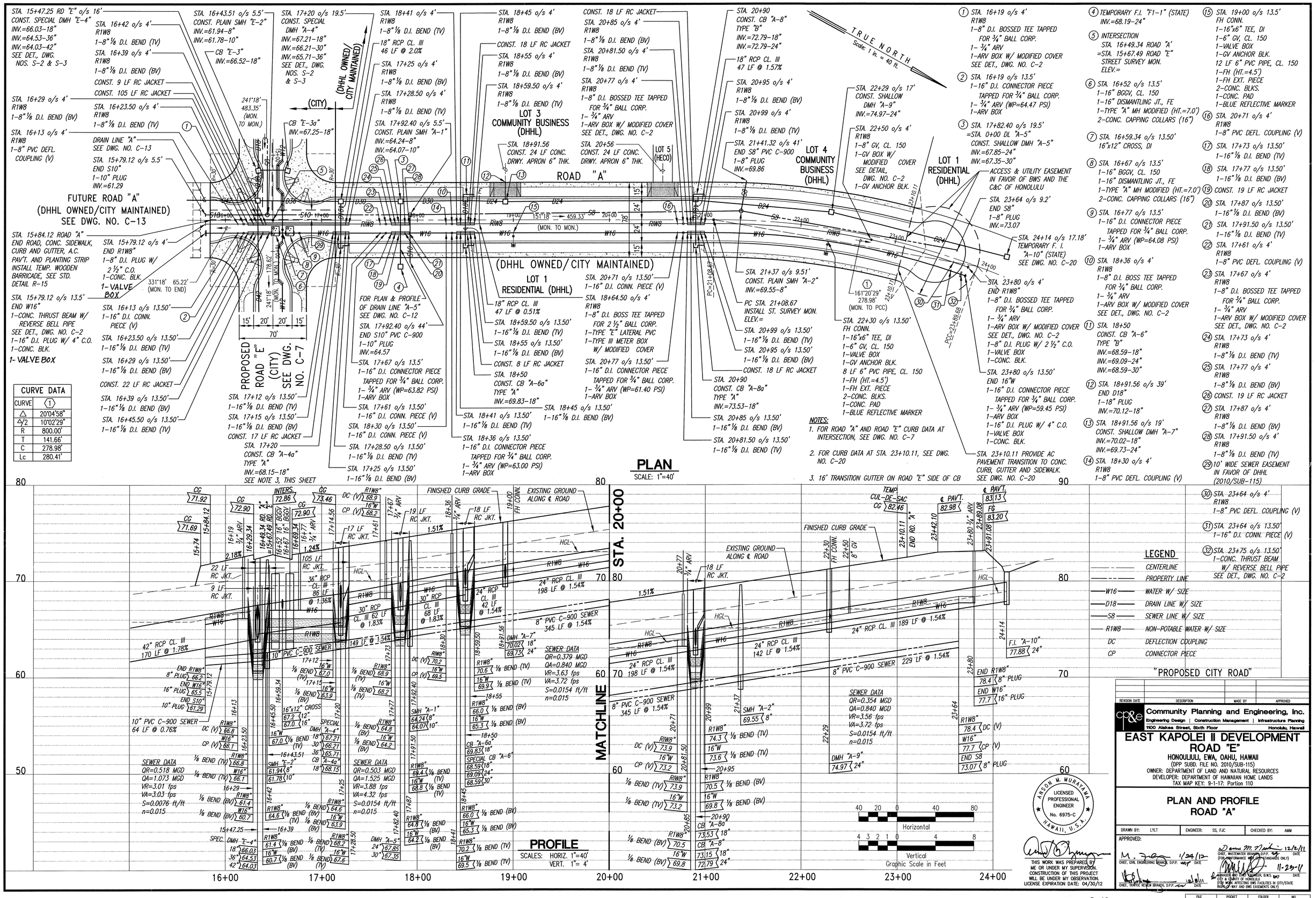
PLAN
SCALE: 1"=40'
TRUE NORTH
Scale: 1 in. = 40 ft.
FUTURE ROAD "A"
(DHHL OWNED/CITY MAINTAINED)
SEE DWG. NO. C-13
ROAD "A"
(DHHL OWNED/CITY MAINTAINED)
LOT 3
COMMUNITY BUSINESS
(DHHL)
LOT 4
COMMUNITY BUSINESS
(DHHL)
LOT 1
RESIDENTIAL
(DHHL)
LOT 5
(HECO)
PROPOSED ROAD "E" (CITY) SEE DWG. NO. C-7
(CITY)
(DHHL OWNED/ CITY MAINTAINED)
241°18' 483.35' (MON. TO MON.)
331°18' 65.22' (MON. TO END)
241°18' 178.62' (MON. TO MON.)
151°18' 459.33' (MON. TO MON.)
161°20'29" 278.98' (MON. TO PCC)
15' 20' 20' 15'
70'
CURVE DATA
CURVE ①
△ 20°04'58"
△/2 10°02'29"
R 800.00'
T 141.66'
C 278.98'
Lc 280.41'
1- VALVE BOX
NOTES:
1. FOR ROAD "A" AND ROAD "E" CURB DATA AT INTERSECTION, SEE DWG. NO. C-7
2. FOR CURB DATA AT STA. 23+10.11, SEE DWG. NO. C-20
3. 16' TRANSITION GUTTER ON ROAD "E" SIDE OF CB
① STA. 16+19 o/s 4' R1W8 1-8" D.I. BOSSED TEE TAPPED FOR ¾" BALL CORP. 1- ¾" ARV 1-ARV BOX W/ MODIFIED COVER SEE DET., DWG. NO. C-2
② STA. 16+19 o/s 13.5' 1-16" D.I. CONNECTOR PIECE TAPPED FOR ¾" BALL CORP. 1- ¾" ARV (WP=64.47 PSI) 1-ARV BOX
③ STA. 17+82.40 o/s 19.5' =STA. 0+00 DL "A-5" CONST. SHALLOW DMH "A-5" INV.=67.85-24" INV.=67.35-30"
④ TEMPORARY F.I. "F1-1" (STATE) INV.=68.19-24"
⑤ INTERSECTION STA. 16+49.34 ROAD "A" =STA. 15+67.49 ROAD "E" STREET SURVEY MON. ELEV.=
⑥ STA. 16+52 o/s 13.5' 1-16" BGGV, CL. 150 1-16" DISMANTLING JT., FE 1-TYPE "A" MH MODIFIED (HT.=7.0') 2-CONC. CAPPING COLLARS (16")
⑦ STA. 16+59.34 o/s 13.50' 16"x12" CROSS, DI
⑧ STA. 16+67 o/s 13.5' 1-16" BGGV, CL. 150 1-16" DISMANTLING JT., FE 1-TYPE "A" MH MODIFIED (HT.=7.0') 2-CONC. CAPPING COLLARS (16")
⑨ STA. 16+77 o/s 13.5' 1-16" D.I. CONNECTOR PIECE TAPPED FOR ¾" BALL CORP. 1- ¾" ARV (WP=64.08 PSI) 1-ARV BOX
⑩ STA. 18+36 o/s 4' R1W8 1-8" D.I. BOSS TEE TAPPED FOR ¾" BALL CORP. 1- ¾" ARV 1-ARV BOX W/ MODIFIED COVER SEE DET., DWG. NO. C-2
⑪ STA. 18+50 CONST. CB "A-6" TYPE "B" INV.=68.59-18" INV.=69.09-24" INV.=68.59-30"
⑫ STA. 18+91.56 o/s 39' END D18" 1-18" PLUG INV.=70.12-18"
⑬ STA. 18+91.56 o/s 19' CONST. SHALLOW DMH "A-7" INV.=70.02-18" INV.=69.73-24"
⑭ STA. 18+30 o/s 4' R1W8 1-8" PVC DEFL. COUPLING (V)
⑮ STA. 19+00 o/s 13.5' FH CONN. 1-16"x6" TEE, DI 1-6" GV, CL. 150 1-VALVE BOX 1-GV ANCHOR BLK. 12 LF 6" PVC PIPE, CL. 150 1-FH (HT.=4.5') 1-FH EXT. PIECE 2-CONC. BLKS. 1-CONC. PAD 1-BLUE REFLECTIVE MARKER
⑯ STA. 20+71 o/s 4' R1W8 1-8" PVC DEFL. COUPLING (V)
⑰ STA. 17+73 o/s 13.50' 1-16" 1/8 D.I. BEND (TV)
⑱ STA. 17+77 o/s 13.50' 1-16" 1/8 D.I. BEND (BV)
⑲ CONST. 19 LF RC JACKET
⑳ STA. 17+87 o/s 13.50' 1-16" 1/8 D.I. BEND (BV)
㉑ STA. 17+91.50 o/s 13.50' 1-16" 1/8 D.I. BEND (TV)
㉒ STA. 17+61 o/s 4' R1W8 1-8" PVC DEFL. COUPLING (V)
㉓ STA. 17+67 o/s 4' R1W8 1-8" D.I. BOSSED TEE TAPPED FOR ¾" BALL CORP. 1- ¾" ARV 1-ARV BOX W/ MODIFIED COVER SEE DET., DWG. NO. C-2
㉔ STA. 17+73 o/s 4' R1W8 1-8" 1/8 D.I. BEND (TV)
㉕ STA. 17+77 o/s 4' R1W8 1-8" 1/8 D.I. BEND (BV)
㉖ CONST. 19 LF RC JACKET
㉗ STA. 17+87 o/s 4' R1W8 1-8" 1/8 D.I. BEND (BV)
㉘ STA. 17+91.50 o/s 4' R1W8 1-8" 1/8 D.I. BEND (TV)
㉙ 10' WIDE SEWER EASEMENT IN FAVOR OF DHHL (2010/SUB-115)
㉚ STA. 23+64 o/s 4' R1W8 1-8" PVC DEFL. COUPLING (V)
㉛ STA. 23+64 o/s 13.50' 1-16" D.I. CONN. PIECE (V)
㉜ STA. 23+75 o/s 13.50' 1-CONC. THRUST BEAM W/ REVERSE BELL PIPE SEE DET., DWG. NO. C-2
ACCESS & UTILITY EASEMENT IN FAVOR OF BWS AND THE C&C OF HONOLULU
STA. 23+64 o/s 9.2' END S8" 1-8" PLUG INV.=73.07
STA. 24+14 o/s 17.18' TEMPORARY F. I. "A-10" (STATE) SEE DWG. NO. C-20
STA. 23+10.11 PROVIDE AC PAVEMENT TRANSITION TO CONC. CURB, GUTTER AND SIDEWALK. SEE DWG. NO. C-20
LEGEND
CENTERLINE
PROPERTY LINE
W16 WATER W/ SIZE
D18 DRAIN LINE W/ SIZE
S8 SEWER LINE W/ SIZE
R1W8 NON-POTABLE WATER W/ SIZE
DC DEFLECTION COUPLING
CP CONNECTOR PIECE
"PROPOSED CITY ROAD"
PROFILE
SCALES: HORIZ. 1"=40' VERT. 1"= 4'
MATCHLINE STA. 20+00
SEWER DATA QR=0.518 MGD QA=1.073 MGD VR=3.01 fps VA=3.03 fps S=0.0076 ft/ft n=0.015
SEWER DATA QR=0.503 MGD QA=1.525 MGD VR=3.88 fps VA=4.32 fps S=0.0154 ft/ft n=0.015
SEWER DATA QR=0.379 MGD QA=0.840 MGD VR=3.63 fps VA=3.72 fps S=0.0154 ft/ft n=0.015
SEWER DATA QR=0.354 MGD QA=0.840 MGD VR=3.56 fps VA=3.72 fps S=0.0154 ft/ft n=0.015
Horizontal
Vertical
Graphic Scale in Feet
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. LICENSE EXPIRATION DATE: 04/30/12
ANSON M. MURAYAMA LICENSED PROFESSIONAL ENGINEER No. 6975-C HAWAII, U.S.A.
REVISION DATE | DESCRIPTION | MADE BY | APPROVED
Community Planning and Engineering, Inc.
Engineering Design | Construction Management | Infrastructure Planning
1100 Alakea Street, Sixth Floor Honolulu, Hawaii
EAST KAPOLEI II DEVELOPMENT
ROAD "E"
HONOULIULI, EWA, OAHU, HAWAII
(DPP SUBD. FILE NO. 2010/SUB-115)
OWNER: DEPARTMENT OF LAND AND NATURAL RESOURCES
DEVELOPER: DEPARTMENT OF HAWAIIAN HOME LANDS
TAX MAP KEY: 9-1-17: Portion 110
PLAN AND PROFILE
ROAD "A"
DRAWN BY: LYLT | ENGINEER: SS, FJC | CHECKED BY: AMM
APPROVED:
CHIEF, CIVIL ENGINEERING BRANCH, D.P.P. 1/24/12
CHIEF, WASTEWATER BRANCH, D.P.P. 12/6/11
CHIEF, TRAFFIC REVIEW BRANCH, D.P.P. 12/8/11
MANAGER AND CHIEF ENGINEER, B.W.S. 11-23-11
DWG. NO. C-10
SHEET 11 OF 61 SHEETS
FILE | POCKET | FOLDER | NO.
P:\Land Projects\DHHL East Kapolei II\Road E\Construction Drawings\Government Review #4\11 P&P ROAD A_11/14/2011 9:13:46 AM, 1:1
P:\Land Projects\DHHL East Kapolei II\Road A_GR#4.dwg, 11 P&P ROAD A, 11/14/2011 9:13:46 AM, 1:1