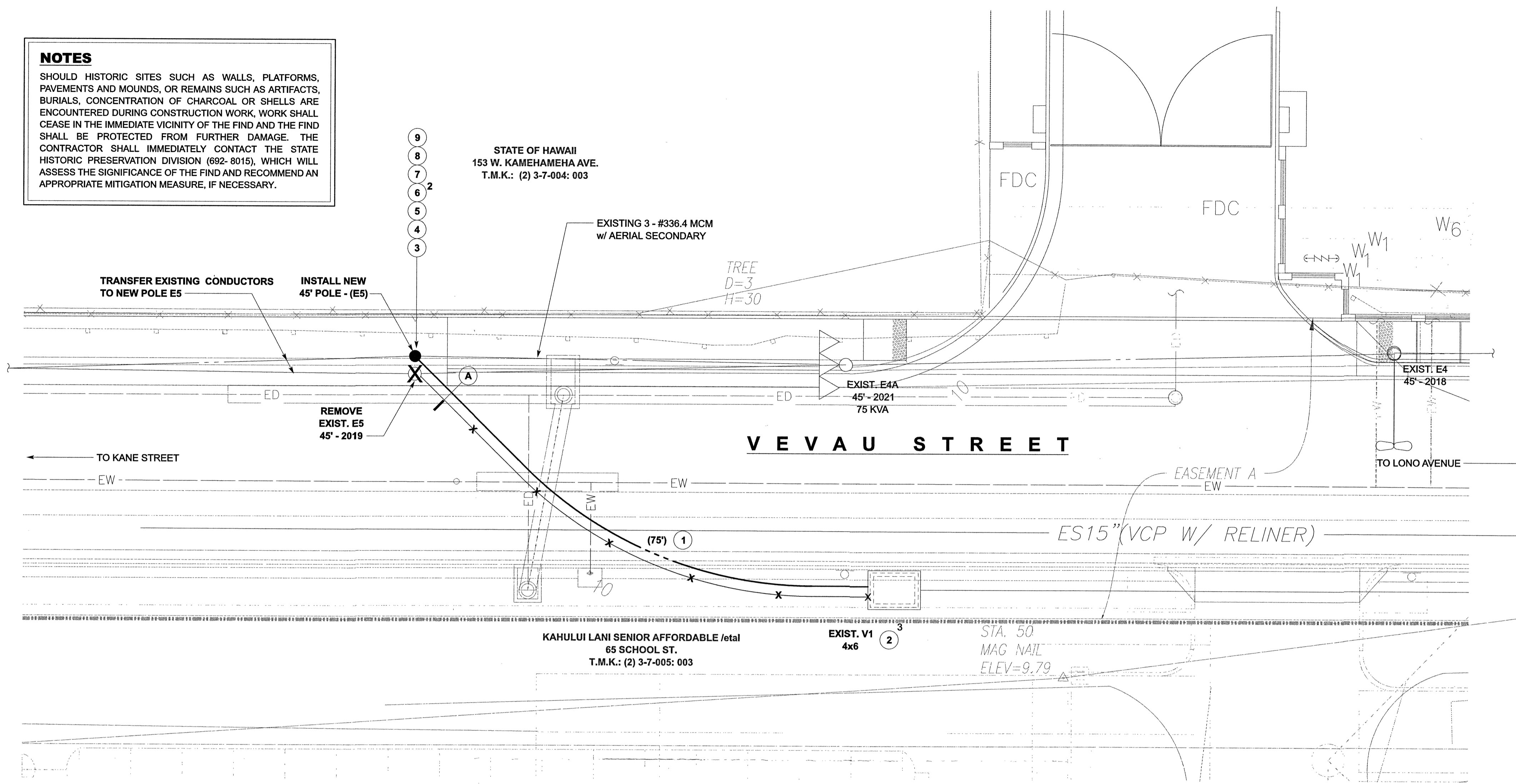


NOTES

SHOULD HISTORIC SITES SUCH AS WALLS, PLATFORMS, PAVEMENTS AND MOUNDS, OR REMAINS SUCH AS ARTIFACTS, BURIALS, CONCENTRATION OF CHARCOAL OR SHELLS ARE ENCOUNTERED DURING CONSTRUCTION WORK, WORK SHALL CEASE IN THE IMMEDIATE VICINITY OF THE FIND AND THE FIND SHALL BE PROTECTED FROM FURTHER DAMAGE. THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE STATE HISTORIC PRESERVATION DIVISION (692-8015), WHICH WILL ASSESS THE SIGNIFICANCE OF THE FIND AND RECOMMEND AN APPROPRIATE MITIGATION MEASURE, IF NECESSARY.



LINE	SMU	CODE	DESCRIPTION	QTY.
PRIMARY UNDERGROUND RELOCATION				
1	-	114884	3-1/C #2 AL. PEICN 15KV PRIMARY CABLE	125'
2	26-1071-M1	-	1/C DISCONNECT STRAIGHT SPLICE #2 AL.	3
POLE E5 RELOCATION (VEVAU ST.)				
3	-	00039	45-FT WOOD POLE CLASS 2	1
4	07-2210-1A	-	FLAT CONSTRUCTION - STRAIGHT LINE & ANGLE	1
5	05-1009-F1	-	PREASSEM SEC AERIAL CABLE - STR LINE & ANGLE	1
6	12-5201	-	TYPE II OBJECT MARKER	2
7	13-2001-7	-	3Ø RISER CONDUIT WITH TERMINATORS	1
8	12-1020-F4	-	NEUTRAL GROUNDING - LIGHTNING ARRESTER	1
9	12-1025-2	-	POTHEAD GROUNDING DETAIL	1

CUSTOMER'S NOTES:

- THE CUSTOMER IS TO FURNISH MATERIALS AND INSTALL THE FACILITIES FOR THE RE-ROUTE OF PRIMARY DUCTS.
- BENDS DUE TO CHANGES OF GRADE ARE TO HAVE A MINIMUM RADIUS OF 20'-0". THE CUSTOMER IS TO INSTALL ALL DUCTS AS REQUIRED BY THE UTILITY COMPANY AND IN ACCORDANCE WITH THE DUCT ENCASUREMENT DETAILS.
- ALL DUCTLINES SHALL CONTAIN A "MULE TAPE" PULL LINE (WESCO CAT. #0725-92000 OR EQUIVALENT).
- AFTER THE CONDUITS ARE INSTALLED, THE CUSTOMER'S CONTRACTOR SHALL PASS A SMOOTH BULLET-SHAPED WOODEN TEST MANDREL THROUGH THE ENTIRE LENGTH OF EACH CONDUIT TO TEST FOR FREEDOM OF BURRS AND OBSTRUCTIONS.
- SELECT BACKFILL: AS SPECIFIED IN HECO'S SERVICE INSTALLATION MANUAL.
- INSPECTION: THREE WORKING DAYS ADVANCE NOTICE REQUIRED BY THE UTILITY COMPANY FOR ANY INSPECTION SERVICES.
CALL HECO - PH: 870-9872 OR 871-2325

CONSTRUCTION NOTES:

COORDINATION REQUIRED WITH THE VEVAU & KANE STREET IMPROVEMENTS - OVERHEAD RELOCATION PROJECT. PROJECT TO BE DONE UNDER A SEPARATE NOTIFICATION AND ORDER. REFER TO DWG. 2-1-1155 (OVERHEAD RELOCATION - VEVAU & KANE STREET IMPROVEMENTS)

POLE E5 RELOCATION

- INSTALL (1) NEW 45' WOOD POLE (E5)
- TRANSFER EXISTING OVERHEAD (PRIMARY AND SECONDARY CONDUCTORS FROM EXISTING POLE E5 TO NEW POLE (E5).
- REMOVE ALL HECO HARDWARE ON EXISTING POLE E5. WHEN ALL HECO FACILITIES BEEN REMOVED THIRD PARTY ATTACHER SHALL REMOVE EXISTING POLE E5.

UNDERGROUND PRIMARY REMOVAL

- REMOVE (1) SPAN OF UNDERGROUND PRIMARY CABLE FROM RISER POLE E5 TO EXISTING V1 ALONG VEVAU ST.

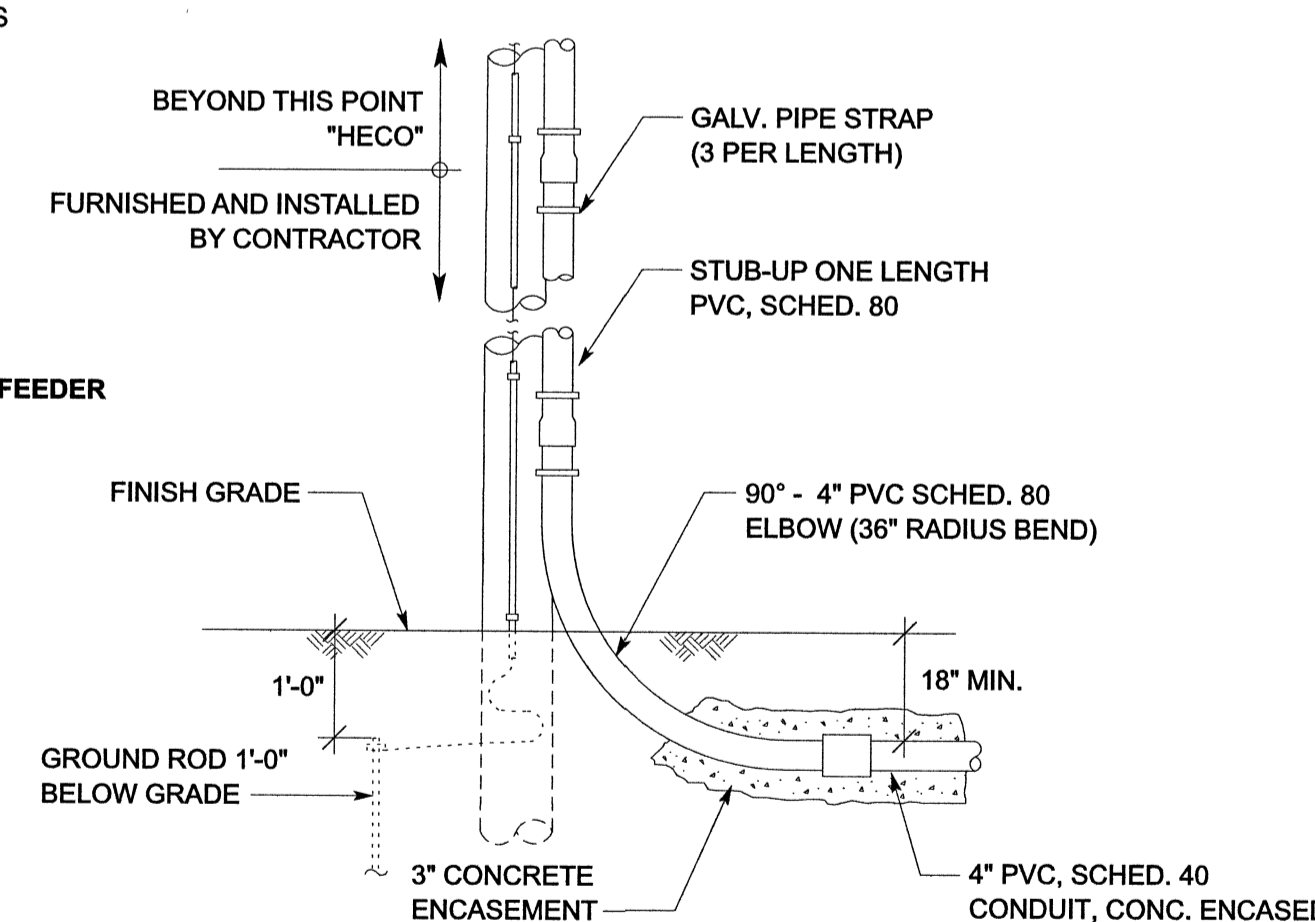
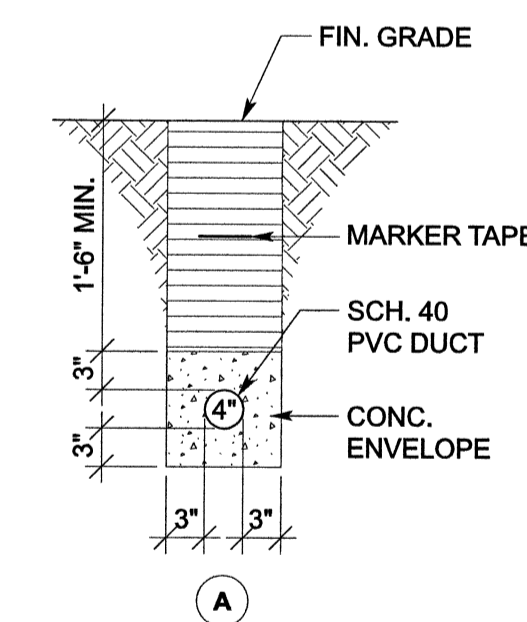
NOTE: CONTRACTOR TO REMOVE A PORTION OF THE EXISTING UNDERGROUND CONDUIT AND GRADUALLY REROUTE CONDUITS UNDER THE PROPOSED 18" DRAIN LINE. CURRENT ELECTRICAL CONDUIT / INFRASTRUCTURE LINE IS IN-LINE WITH THE PROPOSED 18" DRAIN LINE.

UNDERGROUND PRIMARY INSTALLATION

- INSTALL NEW UNDERGROUND PRIMARY CABLE FROM EXISTING V1 (4X6) TO RISER POLE E5.

DUCT NOTES:

- ALL CONDUITS TO BE PVC SCHEDULE 40.
- ALL CONDUITS TO CONTAIN A "MULE TAPE" PULL LINE (WESCO CAT. #0725-92000 OR EQUIVALENT).
- AFTER THE CONDUITS ARE INSTALLED, THE CUSTOMER SHALL PASS A SMOOTH BULLET-SHAPED WOODEN TEST MANDREL THROUGH THE ENTIRE LENGTH OF EACH CONDUIT TO TEST FOR FREEDOM OF BURRS AND OBSTRUCTIONS.
- BACKFILL LEGEND:
 TYPE "A" BACKFILL: BEACH SAND, EARTH, OR EARTH AND GRAVEL. IF EARTH AND GRAVEL, THE MAXIMUM ROCK SIZE SHALL BE 1" AND THE MIXTURE SHALL CONTAIN NOT MORE THAN 50% BY VOLUME OF ROCK PARTICLES.
 TYPE "B" BACKFILL: BEACH SAND, EARTH, OR EARTH AND GRAVEL. IF EARTH AND GRAVEL, THE MIXTURE MUST PASS A 1/2" MESH SCREEN AND CONTAIN NOT MORE THAN 20% BY VOLUME OF ROCK PARTICLES.
 NOTE: IF THE NORMAL MATERIAL IN THE BOTTOM OF THE TRENCH IS NOT TYPE "B", AN ADDITIONAL 3" SHALL BE EXCAVATED AND TYPE "B" BACKFILL SHALL BE PROVIDED.
 CONCRETE ENCASUREMENT STRENGTH: 2,500 PSI IN 28 DAYS MAXIMUM AGGREGATE: 3/4"
- ELECTRICAL WARNING MARKER TAPE IS REQUIRED ABOVE ALL CONDUITS. PLACE MARKER TAPE 12-INCHES ABOVE CONDUIT OR ENCASUREMENT.



CONDUIT INSTALLATION @ RISER
NOT TO SCALE @ POLE E5 (VEVAU STREET)

DUCT DETAILS & NOTES
NOT TO SCALE

REFERENCE DRAWINGS

- 2-1-191B KAAHUMANU SHOPPING CENTER
- 2-1-208 MAUI LAND & PINE CO. BUILDING
- 2-1-248 FOODLAND SUPERMARKET
- 2-1-294 MECO T&D RENOVATION
- 2-1-862 MCC: LONO AVENUE STUDENT HOUSING
- 2-1-942 'AINA O KANE
- 2-1-958 MAUI LAND & PINE
- 2-1-958A OH RELOCATION FOR MAUI LAND & PINE
- 2-1-1127 KAHULUI LANI BUILDING 1
- 2-1-1127A KAHULUI LANI - 3PH POLEMOUNT TRANSFORMER MULTI-PURPOSE BLDG
- 2-1-1140 KAHULUI LANI BUILDING 2
- 2-1-1145 STATE OF HAWAII DOE - POLE RELOCATION (MAUI BUS HUB)
- 2-1-1155 VEVAU & KANE STREET IMPROVEMENTS - OVERHEAD RELOCATION

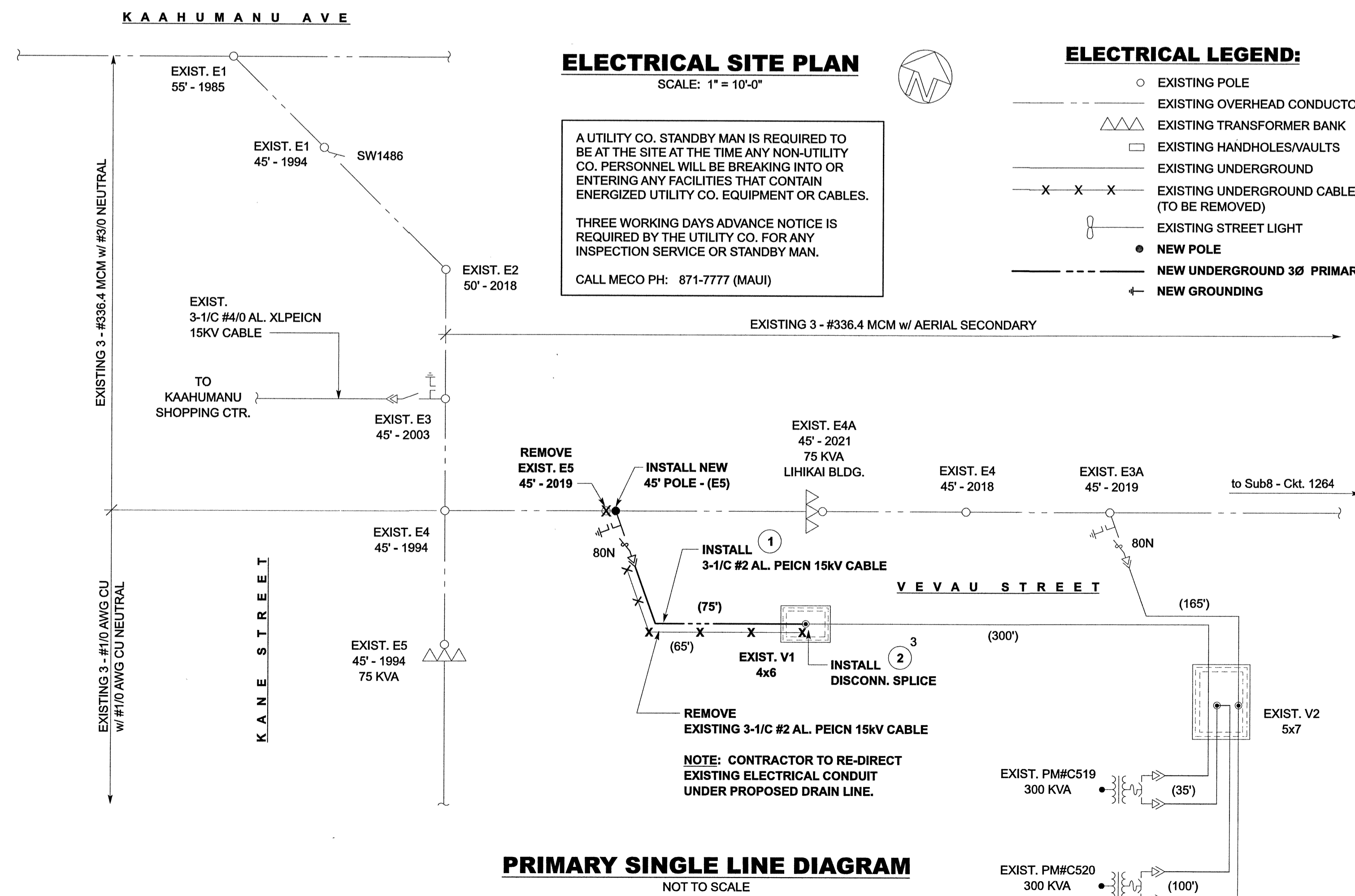
EASEMENT DOCUMENT NO:	T.B.D. BY CUSTOMER EXIST. M2019-061 (BLANKET)
TAX MAP KEY:	(2) 3-7-005: 003
SUBSTATION:	KAHULUI - SUB 8
CIRCUIT:	PUUNENE - 1264
STRIP CHART SHEET No.:	12.47 KV SUB8S2
ESTIMATED DEMAND:	N/A
NOTIFICATION No.:	6109492 / 3058190
REFER TO MAP(S):	3780
NOTICE OF INTENT Joint Pole No.:	N/A

ELECTRICAL SITE PLAN
SCALE: 1" = 10'-0"

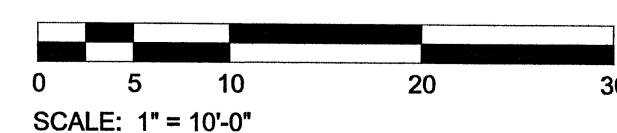
A UTILITY CO. STANDBY MAN IS REQUIRED TO BE AT THE SITE AT THE TIME ANY NON-UTILITY CO. PERSONNEL WILL BE BREAKING INTO OR ENTERING ANY FACILITIES THAT CONTAIN ENERGIZED UTILITY CO. EQUIPMENT OR CABLES.
THREE WORKING DAYS ADVANCE NOTICE IS REQUIRED BY THE UTILITY CO. FOR ANY INSPECTION SERVICE OR STANDBY MAN.
CALL MECO PH: 871-7777 (MAUI)

ELECTRICAL LEGEND:

- EXISTING POLE
- EXISTING OVERHEAD CONDUCTORS
- EXISTING TRANSFORMER BANK
- EXISTING HANDHOLES/VAULTS
- EXISTING UNDERGROUND
- EXISTING UNDERGROUND CABLES (TO BE REMOVED)
- EXISTING STREET LIGHT
- NEW POLE
- NEW UNDERGROUND 3Ø PRIMARY FEEDER
- NEW GROUNDING



PRIMARY SINGLE LINE DIAGRAM
NOT TO SCALE



NO.	DATE	REVISIONS	BY	CHKD	APPD
KAHULUI LANI UNDERGROUND PRIMARY RELOCATION VEVAU STREET (POLE E5) KAHULUI, MAUI DESIGNED: J. RAMORAN DRAWN: JR DATE: APRIL 14, 2022 SCALE: AS NOTED CHECKED: [Signature] CONSTRUCTION: [Signature] JR DESIGNER SUPERVISOR STAFF ENGINEER APPROVAL: [Signature] 2-1-1156 SHEET 1 of 1					