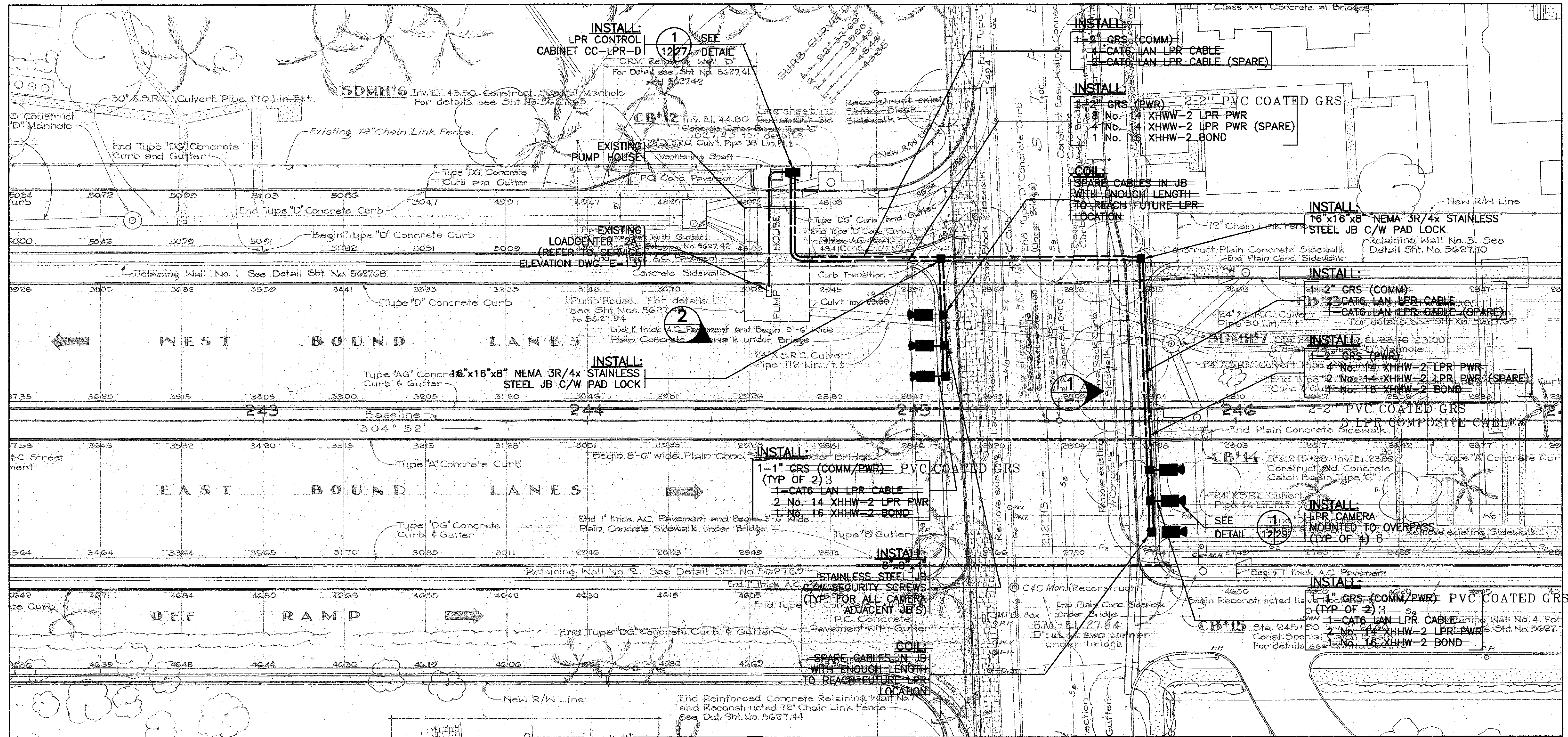


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-0300(115)	2009	18	36



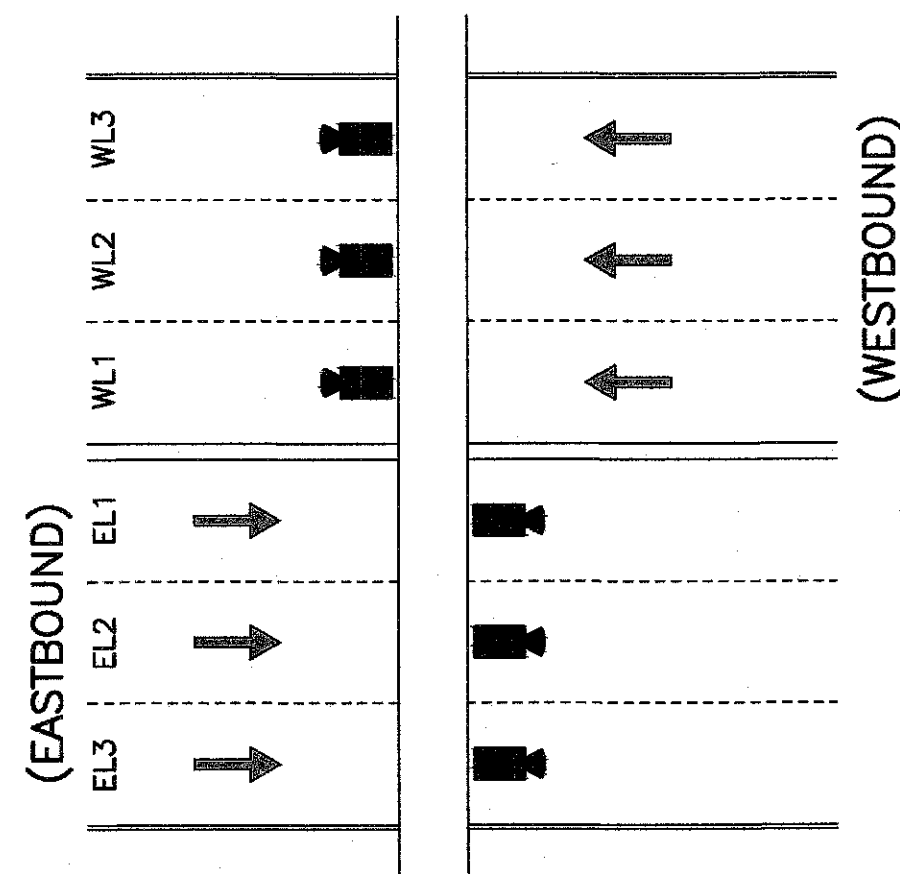
LEGEND FOR AS-BUILT POSTINGS
 Squiggly line for as-built deletion
 Double line for as-built deletion
 Roadway Text for as-built posting

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

0 1"=10'-0" 25'

- NOTES:**
1. SITE DETAILS FROM HDOT DRAWING U-59(6) UNIT 2-012.
 2. POWER SERVICING AVAILABLE FROM HDOT PUMP STATION.
 3. SCALE IS APPROXIMATE ONLY.
 4. CAMERAS TO BE CENTERED OVER LANES AS SHOWN IN THE LANE LAYOUT.
 5. 2" CONDUIT ABOVE GRADE SHALL BE SUPPORTED BY GALVANIZED UNISTRUT C/W P-CLAMPS SPACED EVERY 4'-0".
 6. NEC APPROVED EXPANSION FITTINGS OR FLEXIBLE CONDUIT SHALL BE USED TO SPAN OVERPASS EXPANSION JOINTS.
 7. JUNCTION BOXES ABOVE GRADE SHALL BE SUPPORTED BY UNISTRUT.

**ALL EQUIPMENT IS EXISTING
 UNLESS NOTED OTHERWISE**



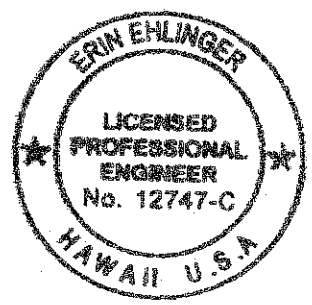
PUNAHOU LANE LAYOUT
 N.T.S.



PICTURE 1 WESTBOUND TRAFFIC
 N.T.S.



PICTURE 2 ROADWAY CROSS-SECTION
 N.T.S.



Erin Ehlinger
 THIS WORK WAS PREPARED BY ME
 OR UNDER MY SUPERVISION

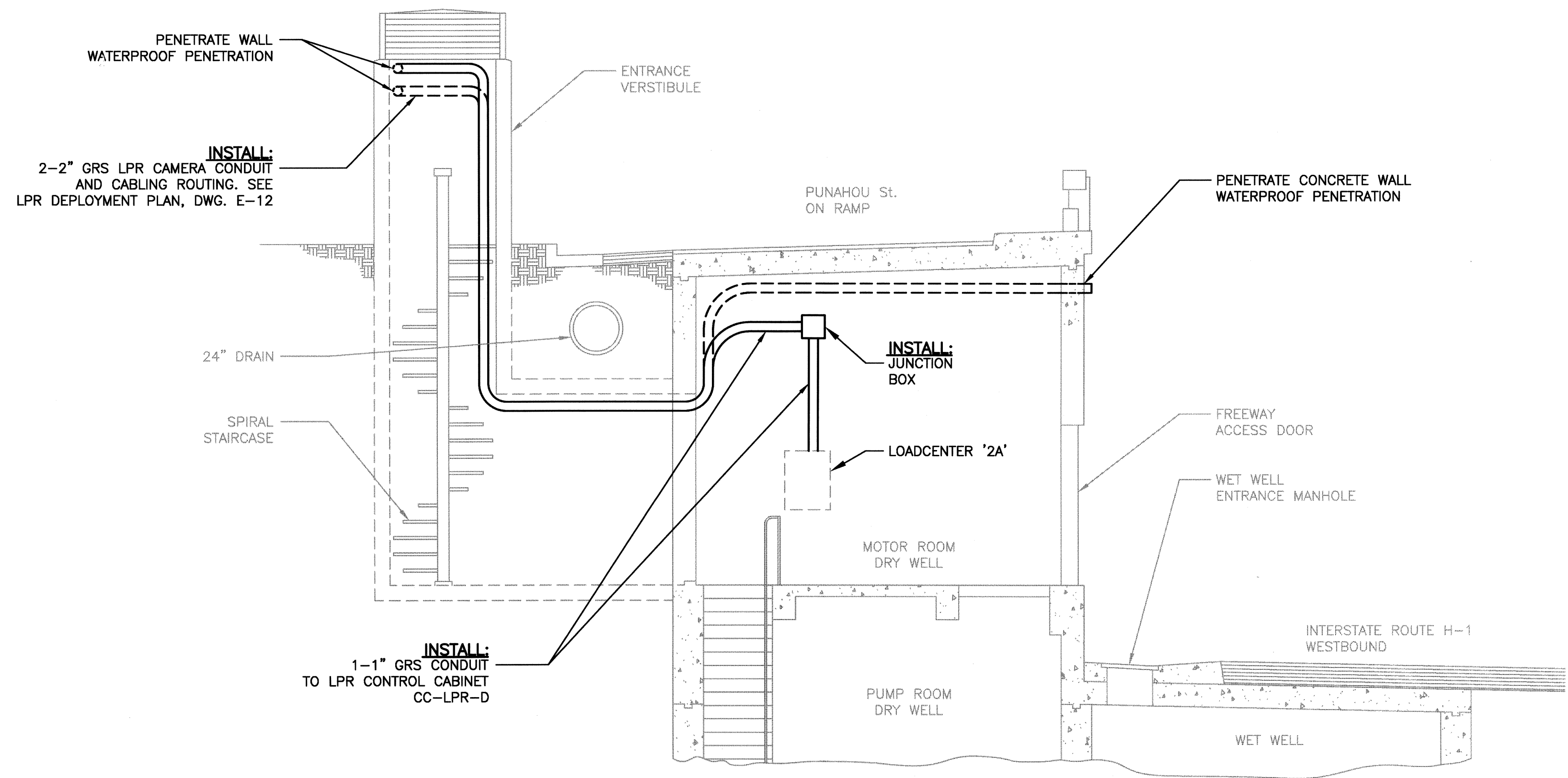
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SITE PLAN
NODE D - PUNAHOU
 FREEWAY MANAGEMENT SYSTEM PHASE 1B
 TRAVELER INFORMATION SYSTEM, UNIT 3
 ITS EQUIPMENT INSTALLATION

F.A.P. NO. IM-0300(115)

SCALE: 1"=10'-0" DATE: DEC 2008

SHEET No. E-12 OF 36 SHEETS

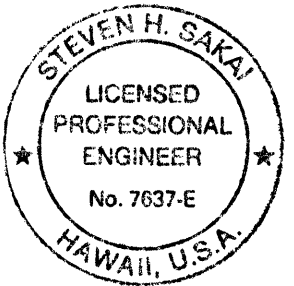
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-0300(115)	2009	19	36



DETAIL A PUMP STATION SECTION
N.T.S. E-13

- NOTES:**
1. CONTRACTOR SHALL SUBMIT A CONFINED SPACE SAFETY PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO BEGINNING WORK ON THIS SHEET.

ALL EQUIPMENT IS EXISTING
UNLESS NOTED OTHERWISE



Alvan H. Hahn
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

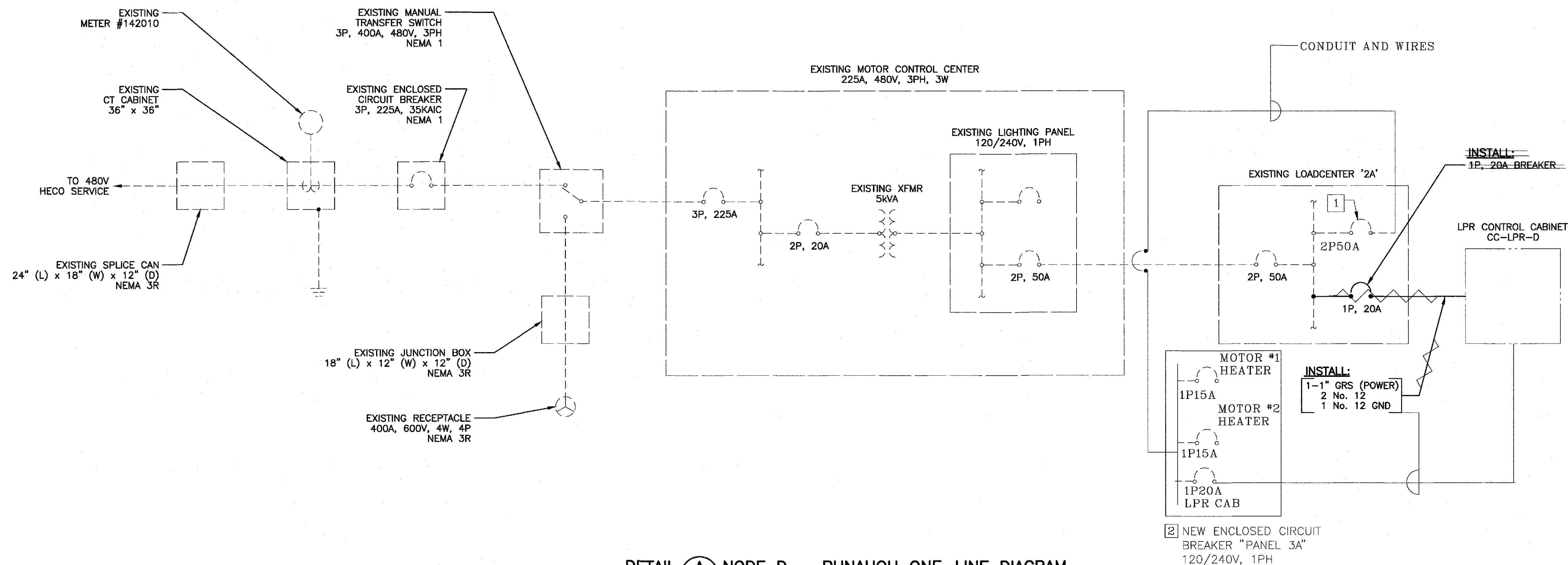
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**SERVICE ELEVATION
NODE D - PUNAHOU**
FREeway MANAGEMENT SYSTEM PHASE 1B
TRAVELER INFORMATION SYSTEM, UNIT 3
ITS EQUIPMENT INSTALLATION

F.A.P. NO. IM-0300(115)

SCALE: NONE DATE: DEC 2008

SHEET No. E-13 OF 36 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-0300(115)	2009	20	36



DETAIL A NODE D - PUNAHOU ONE-LINE DIAGRAM
N.T.S.

- 1 REMOVED EXISTING CIRCUITS #11 & #13 (MOTOR #1 HEATER, MOTOR #2 HEATER) AND INSTALLED SP50A BREAKER FOR PANEL "3A". MOVED CIRCUITS #11 & #13 TO NEW PANEL "3A".
- 2 NEW ENCLOSED CIRCUIT BREAKER "PANEL 3A". PROVIDED (S) 1P15A BREAKERS FOR OLD PANEL 2A CIRCUITS #11 & #13. PROVIDED 1P20A BREAKER FOR LPR CABINET.

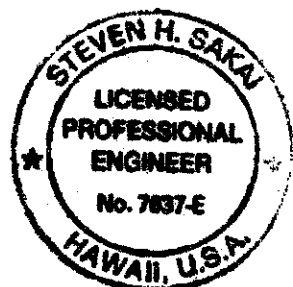
LEGEND FOR AS-BUILT POSTINGS

~~~~~ Squiggly line for as-built deletion

±00.000 Double line for as-built deletion

Roadway Text for as-built posting

ALL EQUIPMENT IS EXISTING  
UNLESS NOTED OTHERWISE



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

SERVICE ONE-LINE DIAGRAM  
NODE D - PUNAHOU

FREEWAY MANAGEMENT SYSTEM PHASE 1B  
TRAVELER INFORMATION SYSTEM, UNIT 3  
ITS EQUIPMENT INSTALLATION

F.A.P. NO. IM-0300(115)

SCALE: NONE DATE: DEC 2008

SHEET No. E-14 OF 36 SHEETS