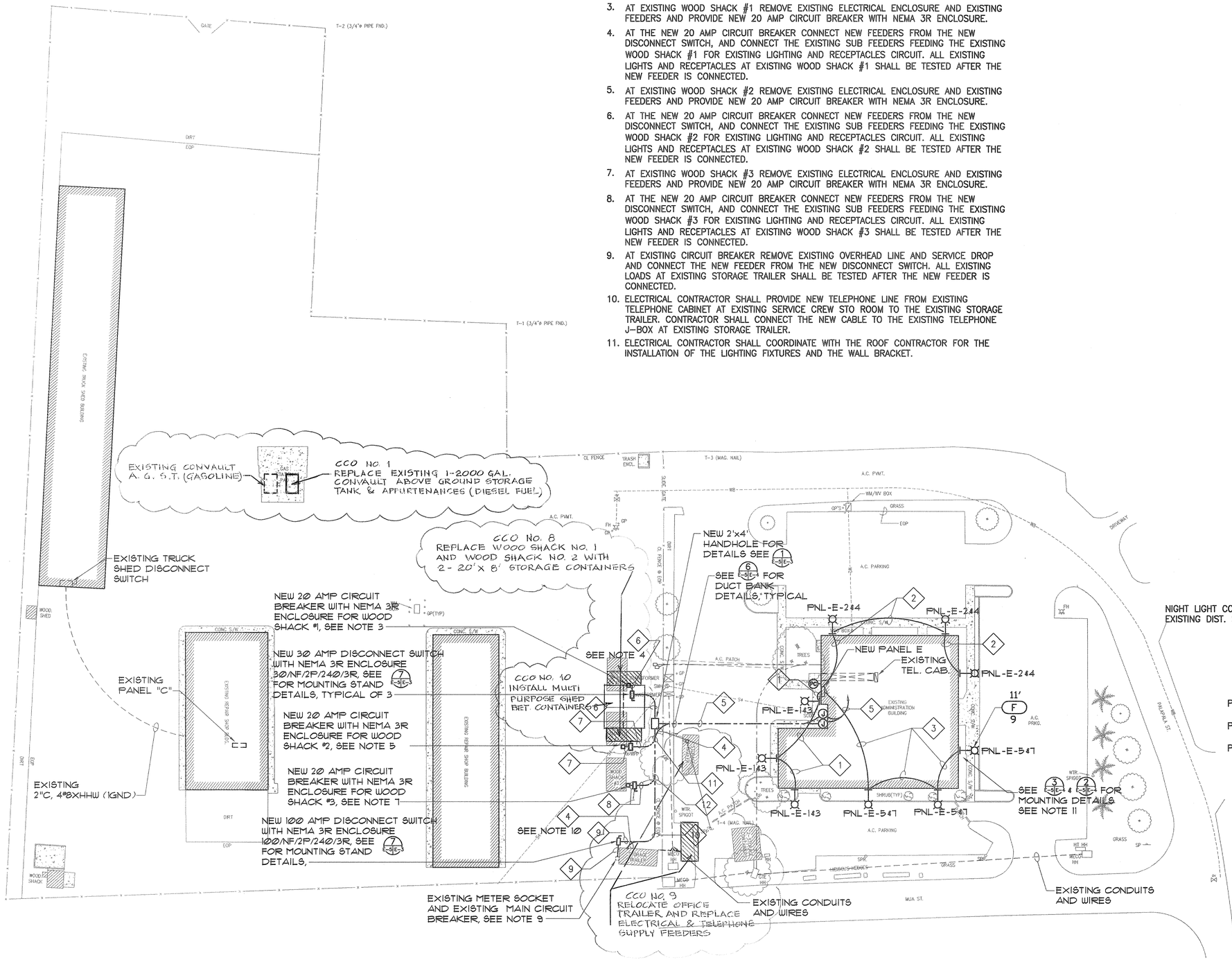
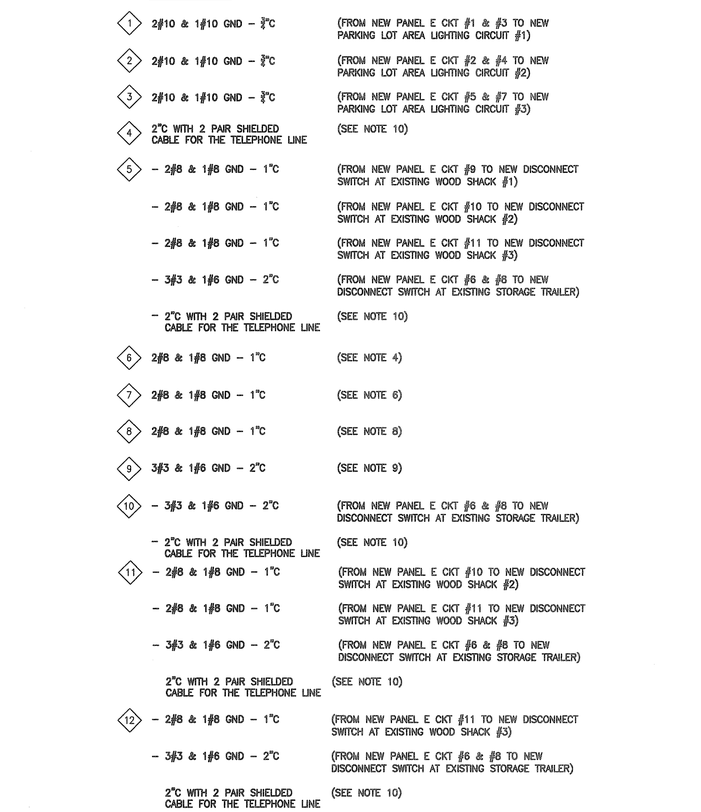
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-08-04M	2005	21	36

JOB NO. H610701

NOTES:

1. EXISTING DUCTBANK LOCATION WAS TAKEN FROM THE BEST AVAILABLE AS-BUILT DRAWINGS. CONTRACTOR TO VERIFY ACTUAL LOCATION.
2. REMOVE EXISTING OVERHEAD LINE AND SERVICE DROP FEEDING THE EXISTING STORAGE TRAILER.
3. AT EXISTING WOOD SHACK #1 REMOVE EXISTING ELECTRICAL ENCLOSURE AND EXISTING FEEDERS AND PROVIDE NEW 20 AMP CIRCUIT BREAKER WITH NEMA 3R ENCLOSURE.
4. AT THE NEW 20 AMP CIRCUIT BREAKER CONNECT NEW FEEDERS FROM THE NEW DISCONNECT SWITCH, AND CONNECT THE EXISTING SUB FEEDERS FEEDING THE EXISTING WOOD SHACK #1 FOR EXISTING LIGHTING AND RECEPTACLES CIRCUIT. ALL EXISTING LIGHTS AND RECEPTACLES AT EXISTING WOOD SHACK #1 SHALL BE TESTED AFTER THE NEW FEEDER IS CONNECTED.
5. AT EXISTING WOOD SHACK #2 REMOVE EXISTING ELECTRICAL ENCLOSURE AND EXISTING FEEDERS AND PROVIDE NEW 20 AMP CIRCUIT BREAKER WITH NEMA 3R ENCLOSURE.
6. AT THE NEW 20 AMP CIRCUIT BREAKER CONNECT NEW FEEDERS FROM THE NEW DISCONNECT SWITCH, AND CONNECT THE EXISTING SUB FEEDERS FEEDING THE EXISTING WOOD SHACK #2 FOR EXISTING LIGHTING AND RECEPTACLES CIRCUIT. ALL EXISTING LIGHTS AND RECEPTACLES AT EXISTING WOOD SHACK #2 SHALL BE TESTED AFTER THE NEW FEEDER IS CONNECTED.
7. AT EXISTING WOOD SHACK #3 REMOVE EXISTING ELECTRICAL ENCLOSURE AND EXISTING FEEDERS AND PROVIDE NEW 20 AMP CIRCUIT BREAKER WITH NEMA 3R ENCLOSURE.
8. AT THE NEW 20 AMP CIRCUIT BREAKER CONNECT NEW FEEDERS FROM THE NEW DISCONNECT SWITCH, AND CONNECT THE EXISTING SUB FEEDERS FEEDING THE EXISTING WOOD SHACK #3 FOR EXISTING LIGHTING AND RECEPTACLES CIRCUIT. ALL EXISTING LIGHTS AND RECEPTACLES AT EXISTING WOOD SHACK #3 SHALL BE TESTED AFTER THE NEW FEEDER IS CONNECTED.
9. AT EXISTING CIRCUIT BREAKER REMOVE EXISTING OVERHEAD LINE AND SERVICE DROP AND CONNECT THE NEW FEEDER FROM THE NEW DISCONNECT SWITCH. ALL EXISTING LOADS AT EXISTING STORAGE TRAILER SHALL BE TESTED AFTER THE NEW FEEDER IS CONNECTED.
10. ELECTRICAL CONTRACTOR SHALL PROVIDE NEW TELEPHONE LINE FROM EXISTING TELEPHONE CABINET AT EXISTING SERVICE CREW STO ROOM TO THE EXISTING STORAGE TRAILER. CONTRACTOR SHALL CONNECT THE NEW CABLE TO THE EXISTING TELEPHONE J-BOX AT EXISTING STORAGE TRAILER.
11. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE ROOF CONTRACTOR FOR THE INSTALLATION OF THE LIGHTING FIXTURES AND THE WALL BRACKET.





KEY NOTES:

1	2#10 & 1#10 GND – ¾"C	(FROM NEW PANEL E CKT #1 & #3 TO NEW PARKING LOT AREA LIGHTING CIRCUIT #1)
2	2#10 & 1#10 GND – ¾"C	(FROM NEW PANEL E CKT #2 & #4 TO NEW PARKING LOT AREA LIGHTING CIRCUIT #2)
3	2#10 & 1#10 GND – ¾"C	(FROM NEW PANEL E CKT #5 & #7 TO NEW PARKING LOT AREA LIGHTING CIRCUIT #3)
4	2"C WITH 2 PAIR SHIELDED CABLE FOR THE TELEPHONE LINE	(SEE NOTE 10)
5	– 2#8 & 1#8 GND – 1"C	(FROM NEW PANEL E CKT #9 TO NEW DISCONNECT SWITCH AT EXISTING WOOD SHACK #1)
	– 2#8 & 1#8 GND – 1"C	(FROM NEW PANEL E CKT #10 TO NEW DISCONNECT SWITCH AT EXISTING WOOD SHACK #2)
	– 2#8 & 1#8 GND – 1"C	(FROM NEW PANEL E CKT #11 TO NEW DISCONNECT SWITCH AT EXISTING WOOD SHACK #3)
	– 3#3 & 1#6 GND – 2"C	(FROM NEW PANEL E CKT #6 & #8 TO NEW DISCONNECT SWITCH AT EXISTING STORAGE TRAILER)
	– 2"C WITH 2 PAIR SHIELDED CABLE FOR THE TELEPHONE LINE	(SEE NOTE 10)
6	2#8 & 1#8 GND – 1"C	(SEE NOTE 4)
7	2#8 & 1#8 GND – 1"C	(SEE NOTE 6)
8	2#8 & 1#8 GND – 1"C	(SEE NOTE 8)
9	3#3 & 1#6 GND – 2"C	(SEE NOTE 9)
10	– 3#3 & 1#6 GND – 2"C	(FROM NEW PANEL E CKT #6 & #8 TO NEW DISCONNECT SWITCH AT EXISTING STORAGE TRAILER)
	– 2"C WITH 2 PAIR SHIELDED CABLE FOR THE TELEPHONE LINE	(SEE NOTE 10)
11	– 2#8 & 1#8 GND – 1"C	(FROM NEW PANEL E CKT #10 TO NEW DISCONNECT SWITCH AT EXISTING WOOD SHACK #2)
	– 2#8 & 1#8 GND – 1"C	(FROM NEW PANEL E CKT #11 TO NEW DISCONNECT SWITCH AT EXISTING WOOD SHACK #3)
	– 3#3 & 1#6 GND – 2"C	(FROM NEW PANEL E CKT #6 & #8 TO NEW DISCONNECT SWITCH AT EXISTING STORAGE TRAILER)
	2"C WITH 2 PAIR SHIELDED CABLE FOR THE TELEPHONE LINE	(SEE NOTE 10)
12	– 2#8 & 1#8 GND – 1"C	(FROM NEW PANEL E CKT #11 TO NEW DISCONNECT SWITCH AT EXISTING WOOD SHACK #3)
	– 3#3 & 1#6 GND – 2"C	(FROM NEW PANEL E CKT #6 & #8 TO NEW DISCONNECT SWITCH AT EXISTING STORAGE TRAILER)
	2"C WITH 2 PAIR SHIELDED CABLE FOR THE TELEPHONE LINE	(SEE NOTE 10)

NOTES

ELECTRICALLY HELD, NEMA 1 ENCL, 30AMP CONTACTS, 120V COIL, 60HZ, WITH H-O-A SELECTOR SWITCH ON FRONT COVER.

2 NIGHT LIGHT CONTROLLER
NOT TO SCALE
E-5 E-5

1 SITE PLAN
E-5 E-5
30' 0 30' 60' 120'
SCALE: 1" = 30'-0"

N

MUNIR W. ARMANIOUS
LICENSED PROFESSIONAL ENGINEER
No. 11213
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ELECTRICAL SITE PLAN

MAUI DISTRICT BASEYARD
REPAIR AND MAINTENANCE OF BUILDINGS AND GROUNDS, PHASE 3
PROJECT NO. HWY-M-08-04M

SCALE: AS SHOWN DATE: MAY 2005

SHEET No. E-5 OF 10 SHEETS

21

"AS-BUILT"

H610E233.DWG 05/02/05 17:36 Final Submittal