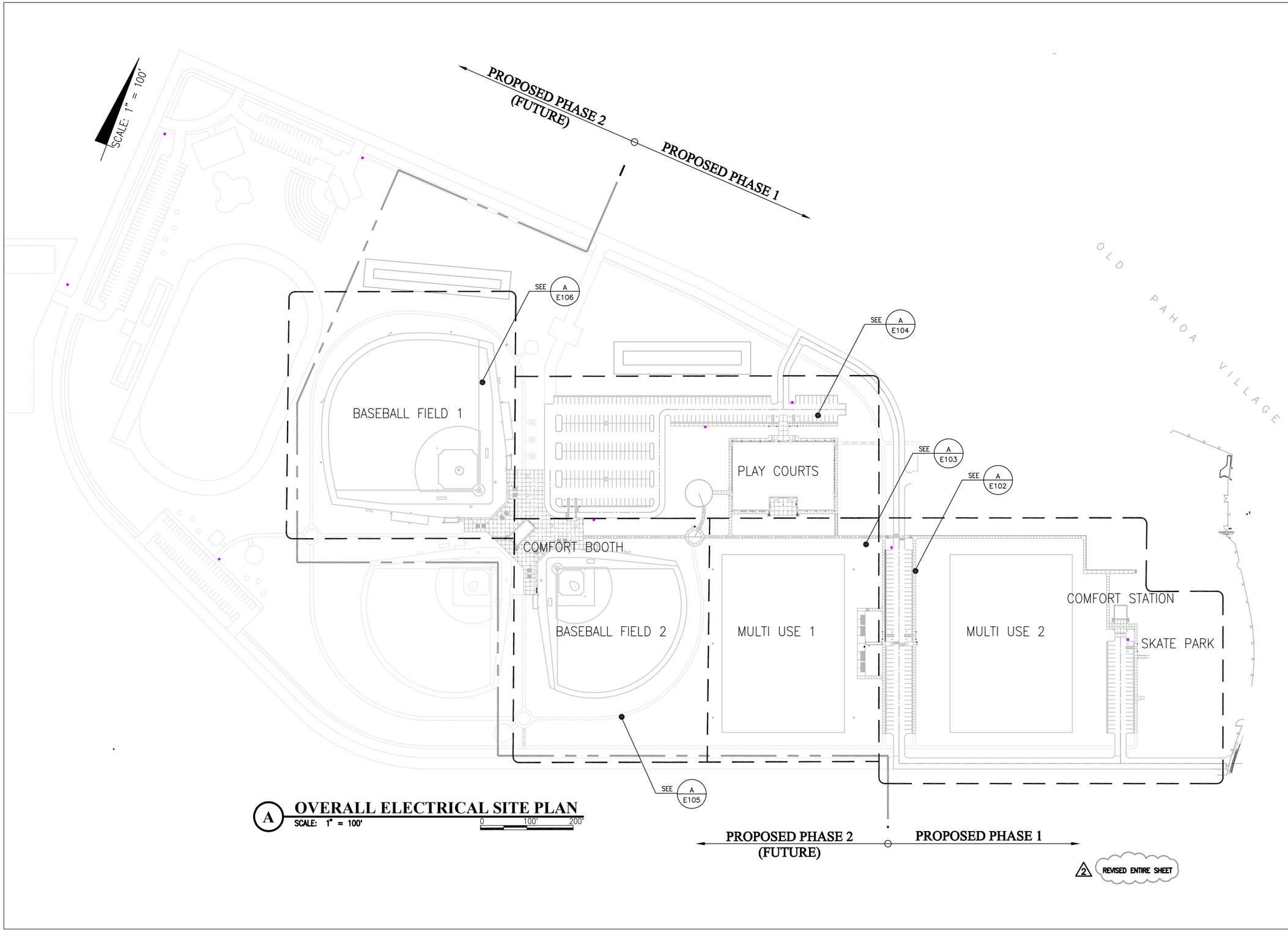

A **OVERALL ELECTRICAL SITE PLAN**
SCALE: 1" = 100'
0 100' 200'

2 REVISED ENTIRE SHEET

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CHRISTOPHER J. LOVETT
LICENSED PROFESSIONAL ENGINEER
Exp. 04/30/16
No. 14689-E
HAWAII, U.S.A.

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MARK	DATE	DESCRIPTION
1	2014-04-10	ADDENDUM NO. 3
2	2014-05-07	ADDENDUM NO. 6

REVIEWED:
DEPARTMENT OF PARKS AND RECREATION DATE

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DEPARTMENT OF PARKS & RECREATION
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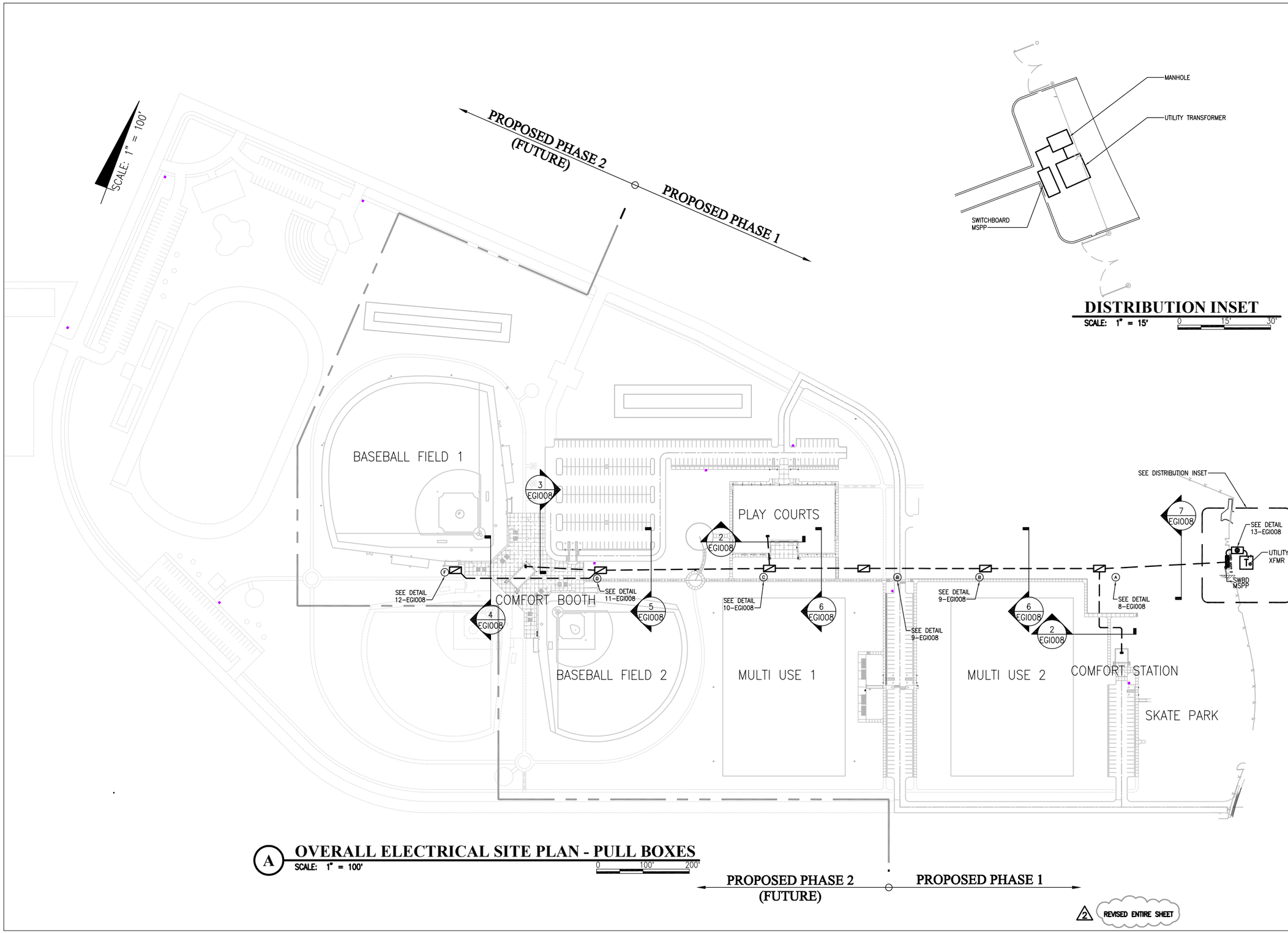
PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

JOB NO.: PR-4234 PAHOA, PUNA, HAWAII TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: OVERALL ELECTRICAL SITE PLAN

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO. E100
1 OF SHEETS
DATE: 2014-02-10



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MARK	DATE	DESCRIPTION
2	2014-05-07	ADDENDUM NO. 6

REVIEWED:
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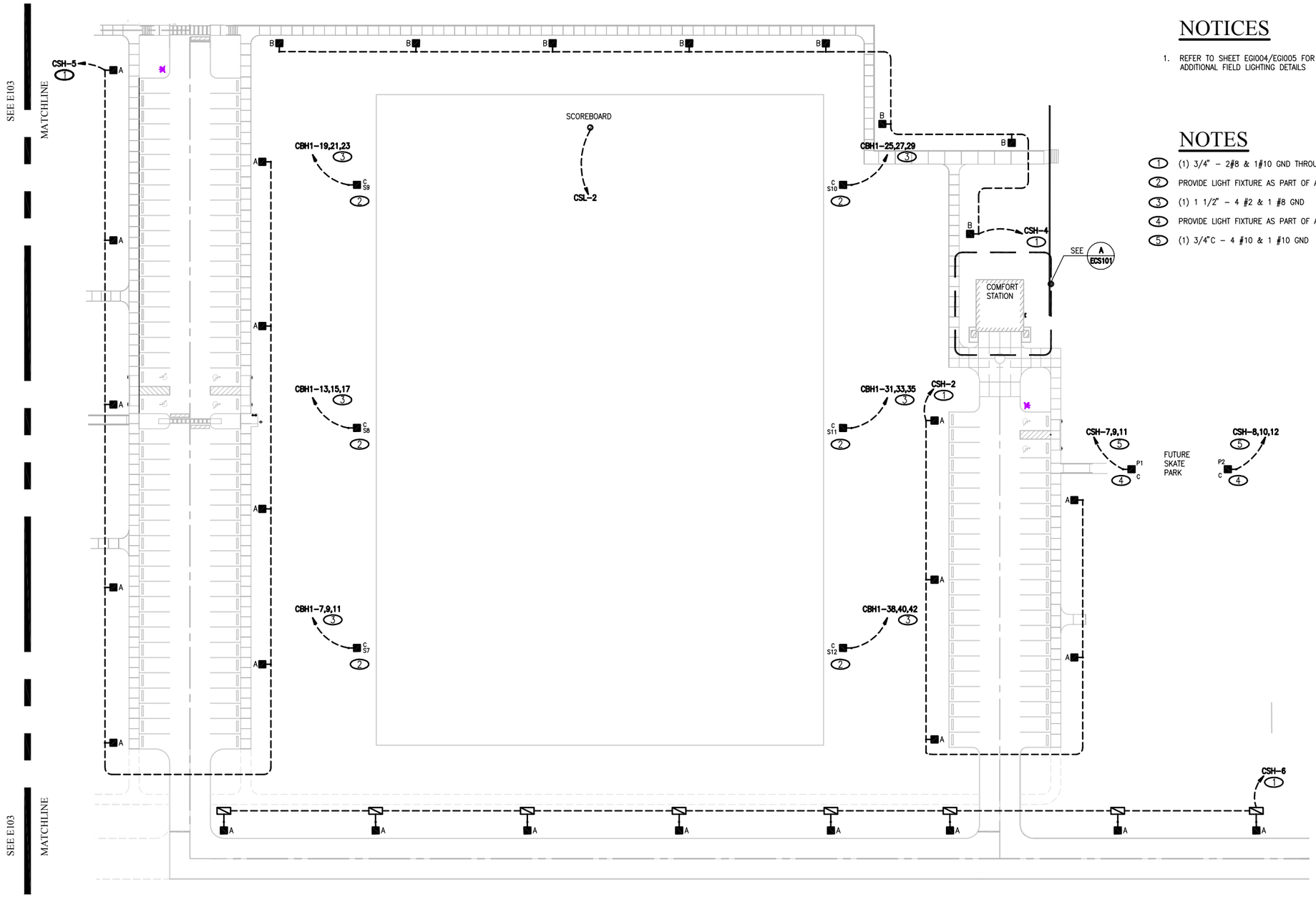
PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

JOB NO.: PR-4234
PAHOA, PUNA, HAWAII
TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: OVERALL ELECTRICAL SITE PLAN - PULL BOXES

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO. E101
1 OF SHEETS
DATE: 2014-02-10



NOTICES

1. REFER TO SHEET EGI004/EGI005 FOR ADDITIONAL FIELD LIGHTING DETAILS

NOTES

1. (1) 3/4" – 2#8 & 1#10 GND THROUGHOUT
2. PROVIDE LIGHT FIXTURE AS PART OF ADDITIVE ALTERNATE #2
3. (1) 1 1/2" – 4 #2 & 1 #8 GND
4. PROVIDE LIGHT FIXTURE AS PART OF ADDITIVE ALTERNATE #3
5. (1) 3/4"C – 4 #10 & 1 #10 GND

A PARTIAL ELECTRICAL SITE PLAN

SCALE: 1/32" = 1'-0"

0 32' 64'

2 REVISED ENTIRE SHEET

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SIGNATURE

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PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

JOB NO.: PR-4234 PAHOA, PUNA, HAWAII TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: PARTIAL ELECTRICAL SITE PLAN

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO. E102

1 OF SHEETS

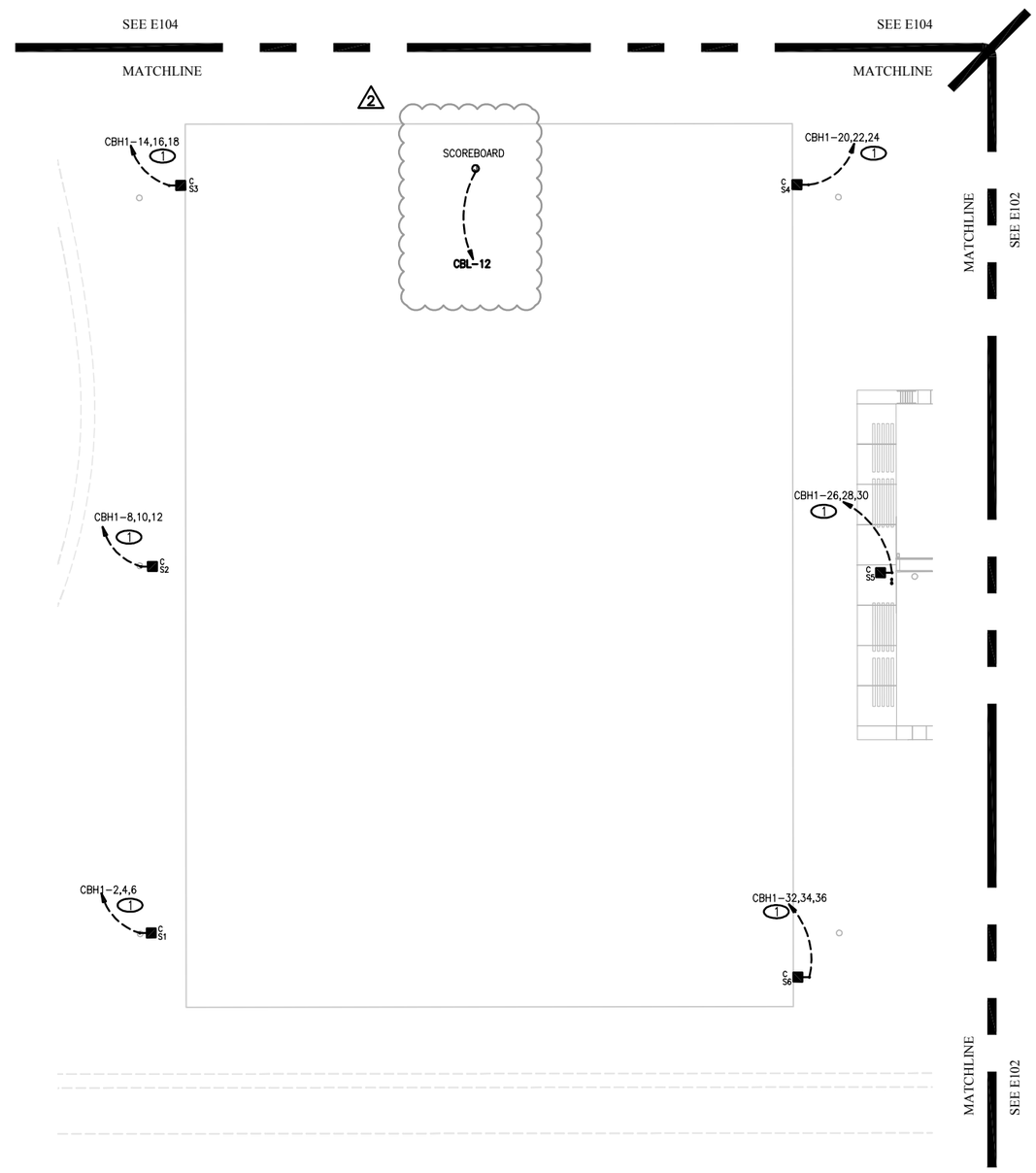
DATE: 2014-02-10

NOTICES

1. REFER TO SHEET EGI004/EGI005 FOR ADDITIONAL FIELD LIGHTING DETAILS

NOTES

1. (1) 1 1/4" – 4#4 & 1#8 GND. THROUGHOUT
2. (1) 1" – 2#6 & 1#8 GND. THROUGHOUT



A PARTIAL ELECTRICAL SITE PLAN

SCALE: 1/32" = 1'-0"

0 32' 64'

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PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

JOB NO.: PR-4234 PAHOA, PUNA, HAWAII TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: PARTIAL ELECTRICAL SITE PLAN

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO. E103

1 OF SHEETS

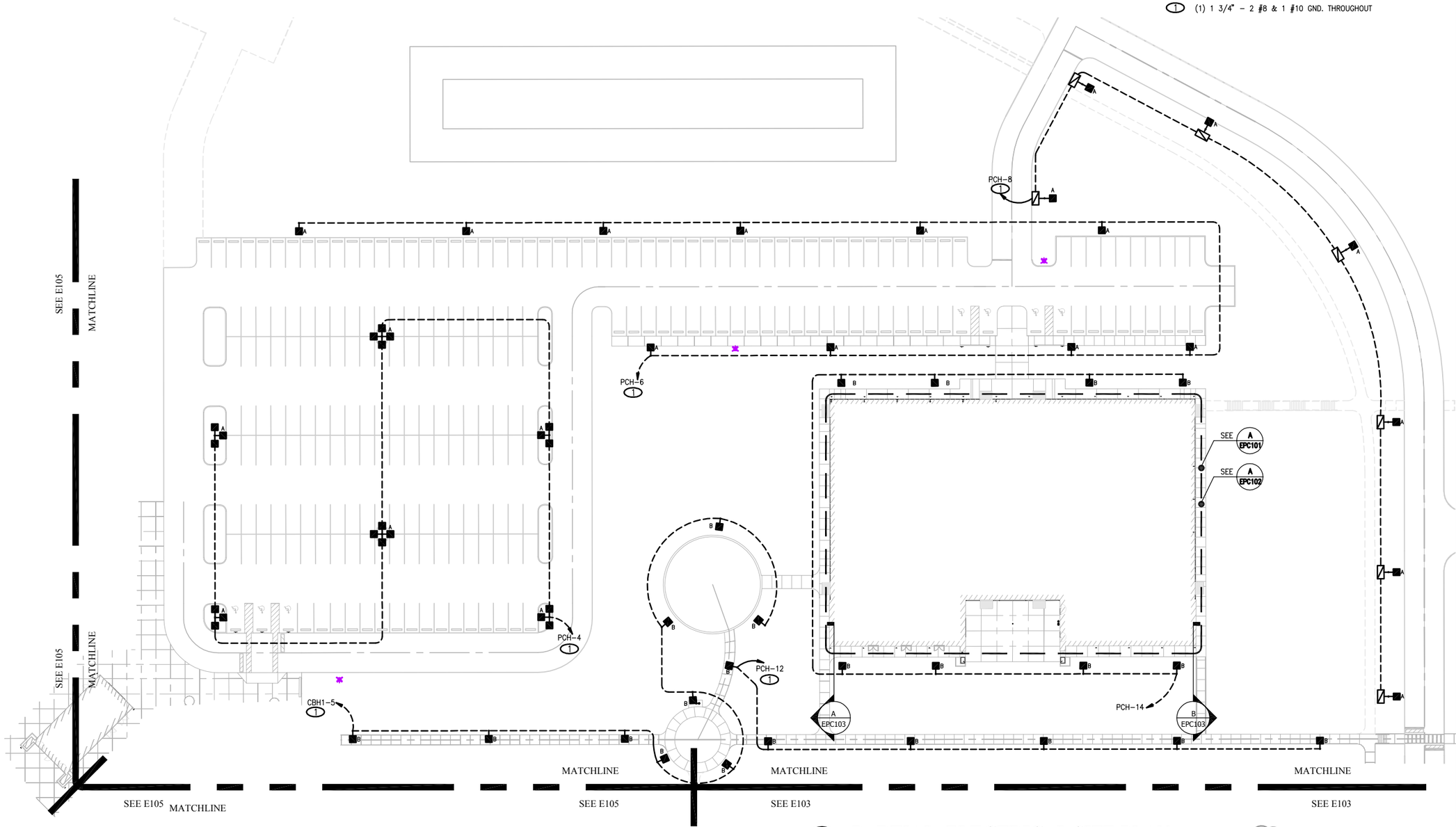
DATE: 2014-02-10

NOTICES

1. REFER TO SHEET EGI1003 FOR POLE MOUNTING DETAILS.
2. REFER TO SHEET EGI006 FOR ADDITIONAL LIGHTING DETAILS.

NOTES

1. (1) 1 3/4" – 2 #8 & 1 #10 GND. THROUGHOUT



A PARTIAL ELECTRICAL SITE PLAN

SCALE: 1/32" = 1'-0" 0 32' 64'

2 REVISED ENTIRE SHEET

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Exp. 04/30/16
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PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

JOB NO.: PR-4234 PAHOA, PUNA, HAWAII TMK: (3) 1-5-002:020

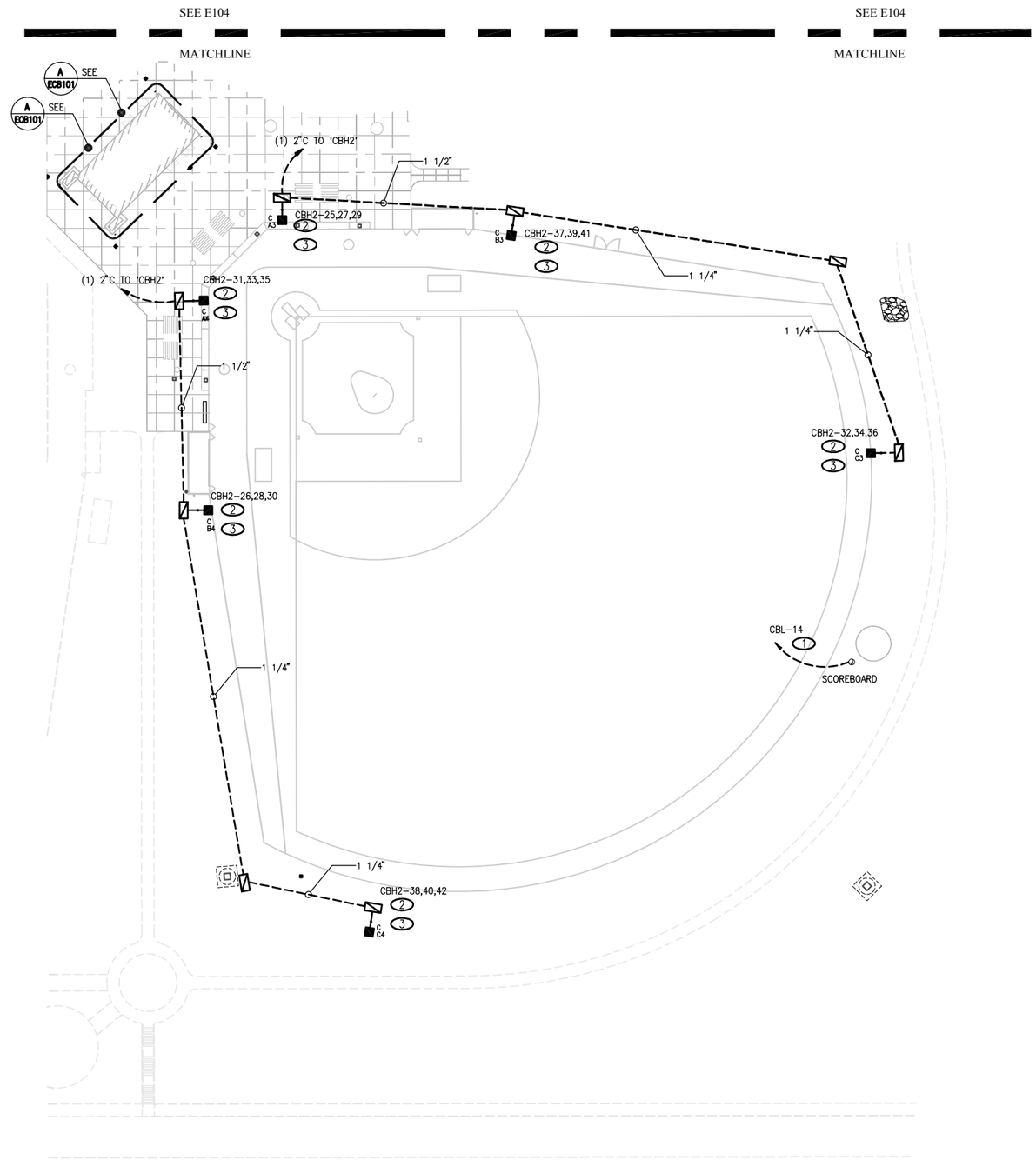
PLAN SHEET DESCRIPTION: PARTIAL ELECTRICAL SITE PLAN

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO. E104

1 OF SHEETS

DATE: 2014-02-10



NOTICES

1. REFER TO SHEET EG1004/EG1005 FOR ADDITIONAL FIELD LIGHTING DETAILS
2. CONDUIT BETWEEN PULLBOX AND FIXTURE SHALL BE 1 1/4"

NOTES

1. (1) 1" -2 #6 & 1 #8 GND.
2. PROVIDE LIGHT FIXTURES AS PART OF ADDITIVE ALTERNATE #1
3. 4 #4 & 1 #8 GND

A PARTIAL ELECTRICAL SITE PLAN

SCALE: 1/32" = 1'-0" 0 32' 64'

2 REVISED ENTIRE SHEET

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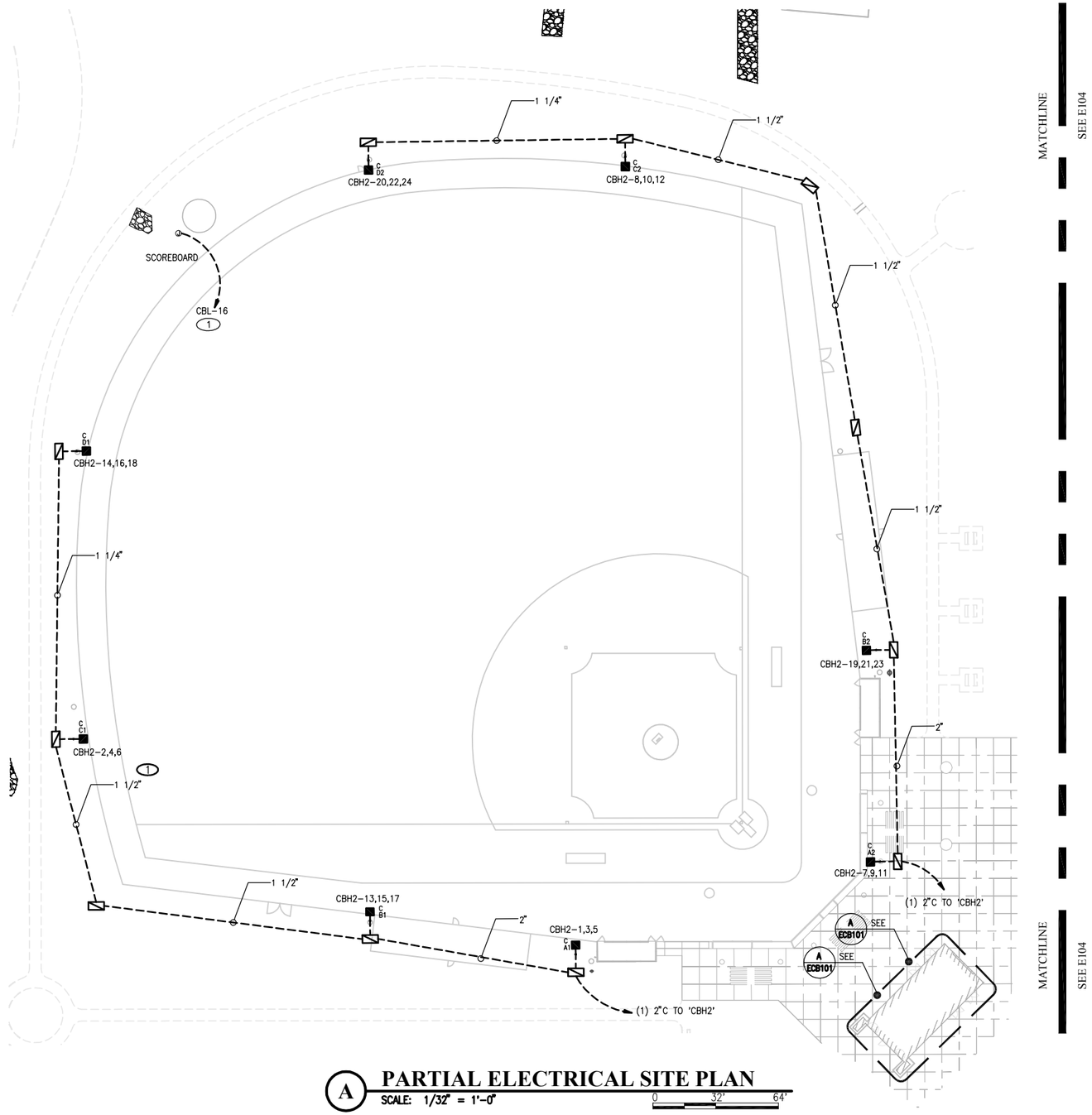
JOB NO.: PR-4234 PAHOA, PUNA, HAWAII TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: PARTIAL ELECTRICAL SITE PLAN

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO. E105
1 OF SHEETS

DATE: 2014-02-10



A PARTIAL ELECTRICAL SITE PLAN

SCALE: 1/32" = 1'-0"

0 32' 64'

NOTICES

1. REFER TO SHEET EG1004/EG1005 FOR ADDITIONAL FIELD LIGHTING DETAILS
2. CONDUIT BETWEEN PULLBOX AND FIXTURE SHALL BE 1 1/4"

NOTES

1 (1) 1" – 2 #6 & 1 #8 GND.

2 REVISED ENTIRE SHEET

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PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

JOB NO.: PR-4234 PAHOA, PUNA, HAWAII TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: PARTIAL ELECTRICAL SITE PLAN

DESIGNED BY:
DRAWN BY:
CHECKED BY:

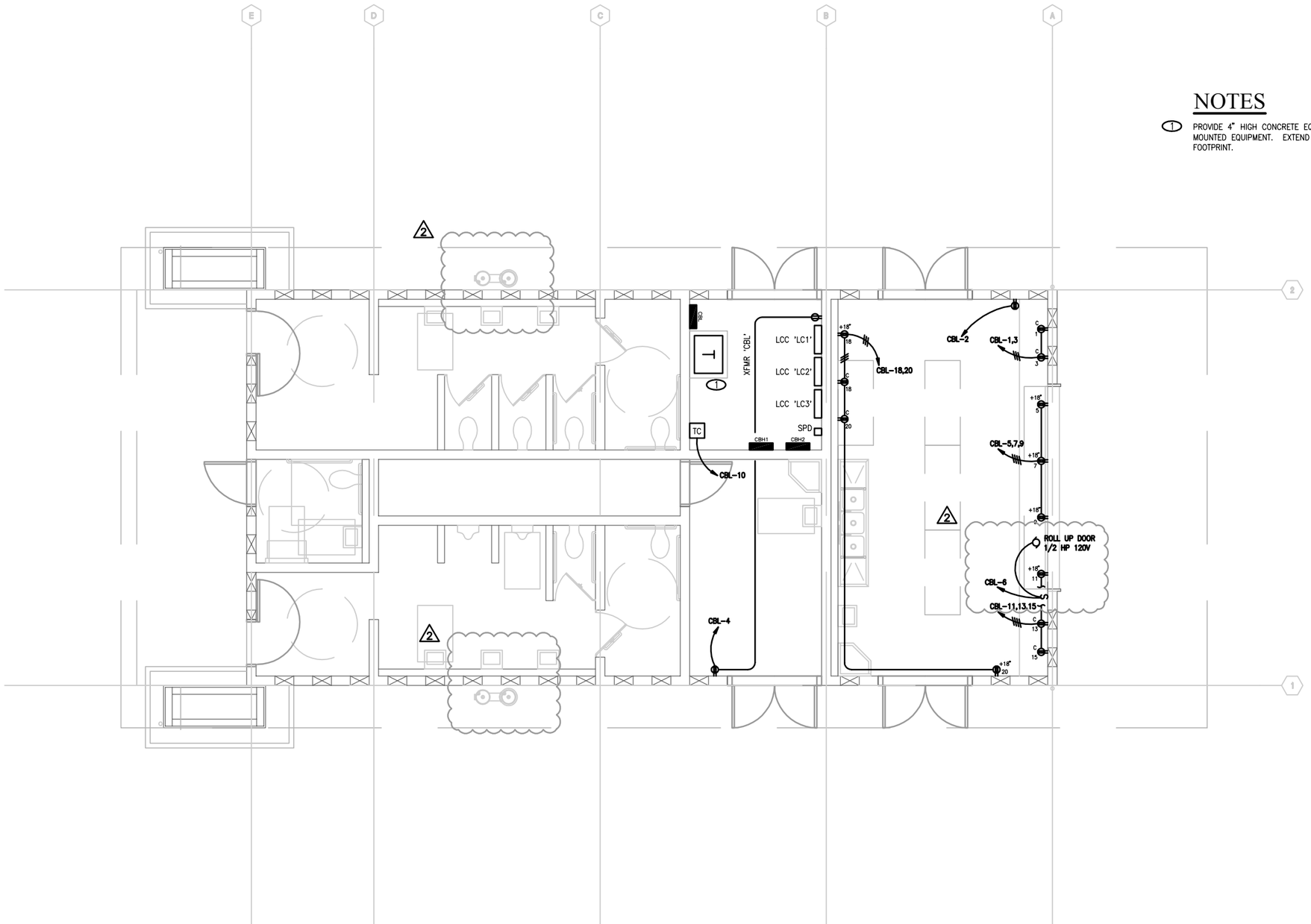
SHEET NO. E106

1 OF SHEETS

DATE: 2014-02-10

NOTES

1. PROVIDE 4" HIGH CONCRETE EQUIPMENT PAD AROUND FLOOR MOUNTED EQUIPMENT. EXTEND PAD 4" BEYOND EQUIPMENT FOOTPRINT.



A ENLARGED POWER PLAN - CONCESSION BOOTH

SCALE: 1/4" = 1'-0"

0 4' 8'

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PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

JOB NO.: PR-4234 PAHOA, PUNA, HAWAII TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: ENLARGED POWER PLAN - CONCESSION BOOTH

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO.
ECB101
1 OF SHEETS

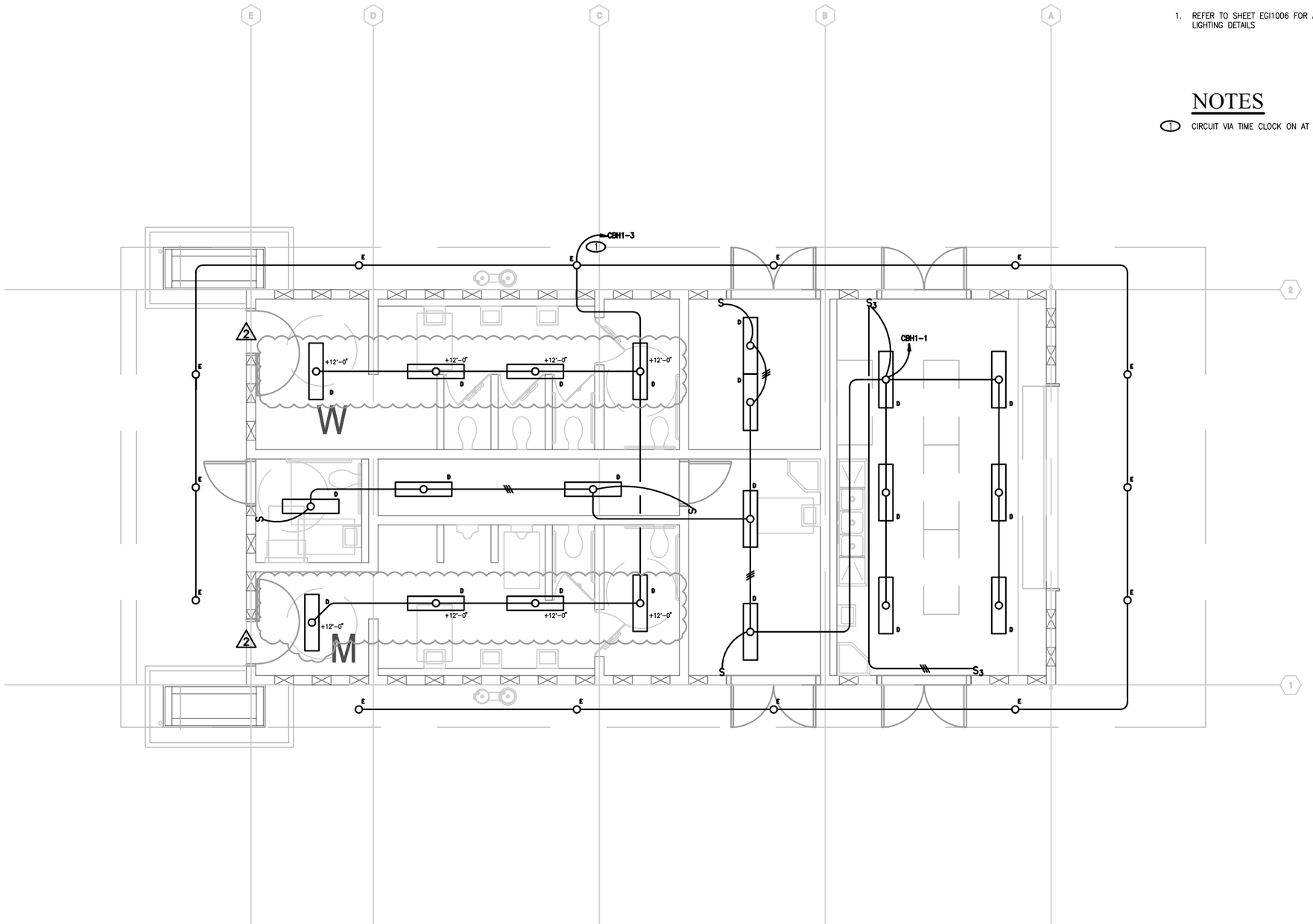
DATE: 2014-02-10

NOTICES

1. REFER TO SHEET EGI1006 FOR ADDITIONAL LIGHTING DETAILS

NOTES

1. CIRCUIT VIA TIME CLOCK ON AT DUSK, OFF AT 10PM



A ENLARGED LIGHTING PLAN - CONCESSION BOOTH

SCALE: 1/4" = 1'-0"

0 4' 8'

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PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

JOB NO.: PR-4234 — PAHOA, PUNA, HAWAII — TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: ENLARGED LIGHTING PLAN - CONCESSION BOOTH

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO. ECB102

1 OF SHEETS

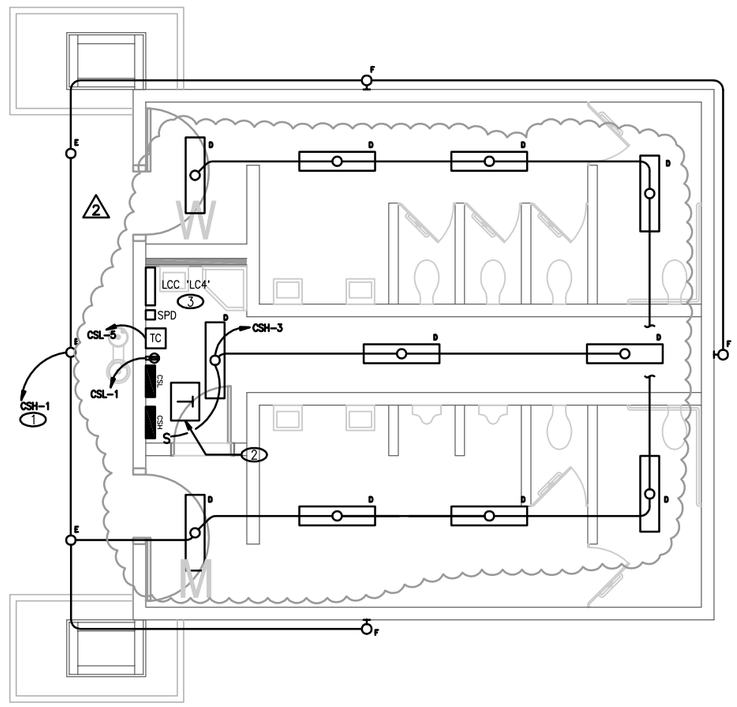
DATE: 2014-02-10

NOTICES

1. REFER TO SHEET EGI1006 FOR ADDITIONAL LIGHTING DETAILS

NOTES

1. CIRCUIT VIA TIME CLOCK ON AT DUSK, OFF AT 10PM.
2. TRAPEZE MOUNT TRANSFORMER ABOVE PANEL 'CSC'.
3. EQUIPMENT PART OF ADDITIVE ALTERNATE #3. NOT INSTALLED AS PART OF BASE PROJECT.



A ENLARGED ELECTRICAL PLAN - COMFORT STATION

SCALE: 1/4" = 1'-0"

0 4' 8'

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PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

JOB NO.: PR-4234 PAHOA, PUNA, HAWAII TMK: (3) 1-5-002:020

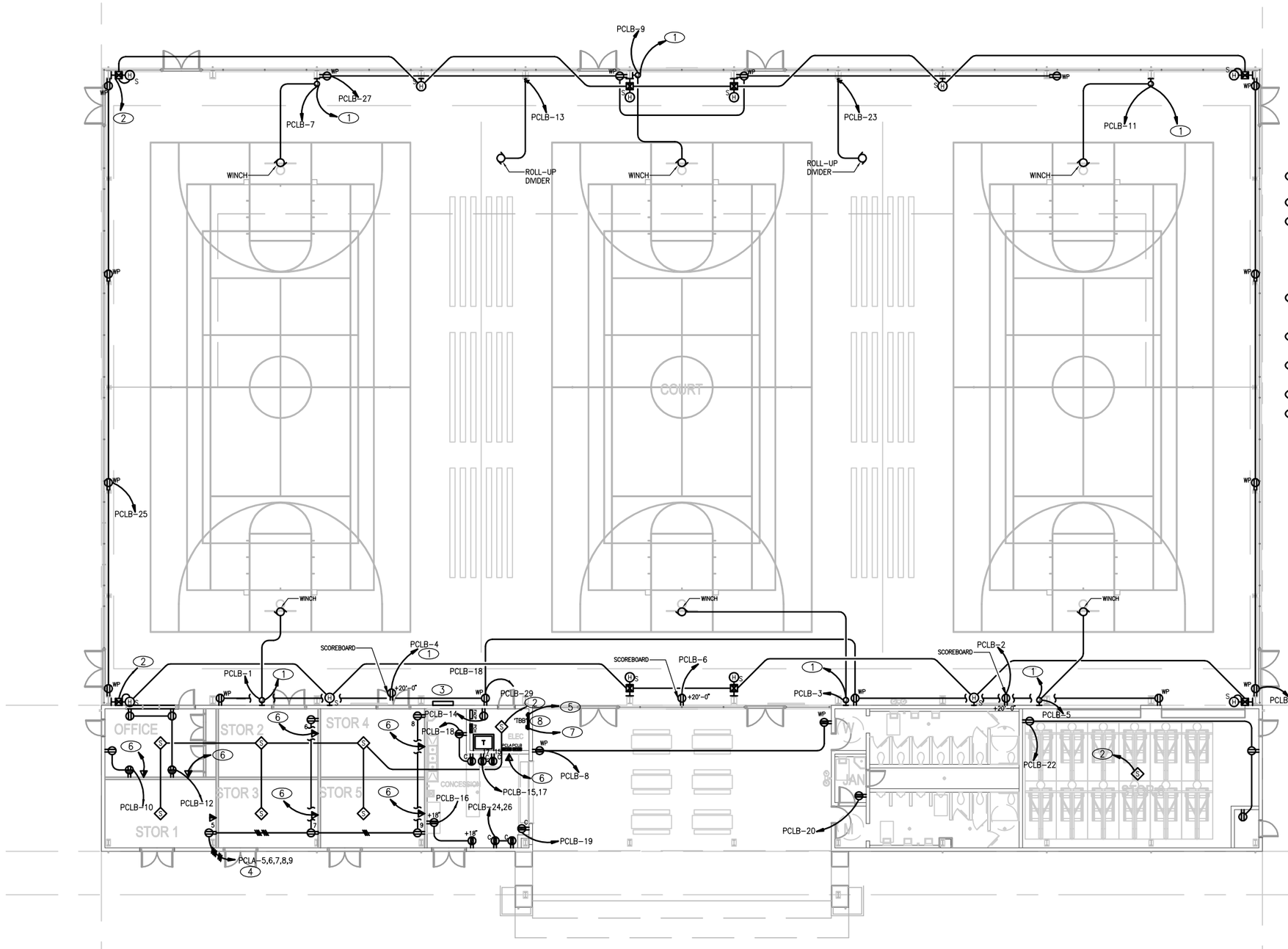
PLAN SHEET DESCRIPTION: ENLARGED ELECTRICAL PLAN - COMFORT STATION

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO. ECS101

1 OF SHEETS

DATE: 2014-02-10



A ENLARGED POWER PLAN - PLAY COURTS

SCALE: 3/32" = 1'-0"

0 8' 16'

NOTICES

1. REFER TO SHEET E502 FOR FIRE RISER DIAGRAM

NOTES

1. PROVIDE CONNECTION TO KEY SWITCHED IN ELECTRICAL ROOM CABINET.
2. HOMERUN CABLING TO FACP IN ELECTRICAL ROOM.
3. PROVIDE WALL MOUNTED 2-DOOR METAL CABINET WITH PLYWOOD BACKBOARD FOR MOUNTING TIME SWITCHES. FIRE ALARM CONTROL PANEL, ONE "UP" AND ONE "DOWN" KEY SWITCH FOR EACH BACKBOARD WINCH, TEN (10) TWO-POLE SWITCHES FOR COURT LIGHTS, AND KEY SWITCH FOR COURT DIVIDER.
4. CIRCUIT RECEPTACLES VIA KEY SWITCH IN METAL CABINET. PROVIDE SEPARATE SWITCH FOR EACH RECEPTACLE.
5. (2) 4"C TO TELEPHONE DISTRIBUTION POLE. REFER TO SHEET E-101.
6. 3/4" STUBBED 6" INTO CEILING WITH (4) CAT 6 CABLES HOMERUN TO 'TBB' IN ELEC CLOSET.
7. 3/4"C W/ #4 CU GND TO PNL 'PCH' GND BAR
8. 4'x4' 3/4" AC PLYWOOD BACKBOARD WITH FIRE RETARDANT PAINT FOR TELECOMMUNICATION DEMARCATION.

2 REVISED ENTIRE SHEET

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PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

JOB NO.: PR-4234 — PAHOA, PUNA, HAWAII — TMK: (3) 1-5-002:020

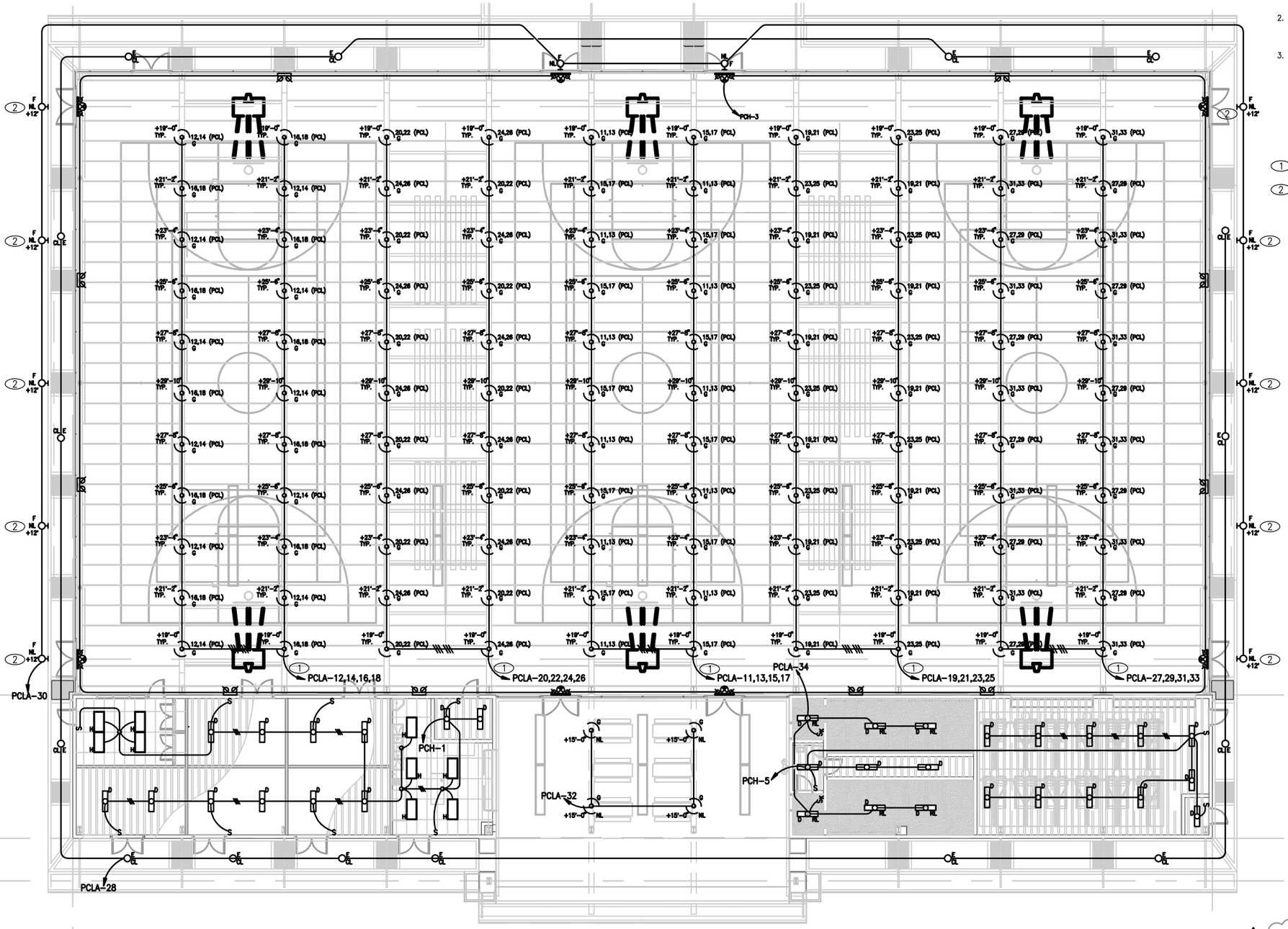
PLAN SHEET DESCRIPTION: ENLARGED POWERL PLAN - PLAY COURTS

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO. EPC101

1 OF SHEETS

DATE: 2014-02-10



A ENLARGED LIGHTING PLAN - PLAY COURTS

SCALE: 3/32" = 1'-0"

0 8' 16'

2 REVISED ENTIRE SHEET

NOTICES

1. TIME CLOCK SETTINGS SHALL BE AS FOLLOWS:
   PCL: ON AT 5:00PM, OFF AT 10:05PM
   CL: ON AT 9:45PM, OFF AT 10:05PM
   NL: ON AT 10:00PM, OFF AT 5:00AM
   RL: ON AT DUSK, OFF AT 10PM
2. ALL LIGHTS SHALL HAVE BYPASS SWITCH CAPABLE OF OVERRIDING TIME CLOCK SETTINGS. REFER TO 1/E502 FOR ADDITIONAL DETAILS.
3. REFER TO SHEET EGI1006 FOR ADDITIONAL LIGHTING DETAILS AND EGI1007 FOR EMERGENCY EXIT LIGHTING.

NOTES

1. (1) 1"-6 #10 & 1 #10 GND
2. SEE SHEET EPC103 FOR EXTERIOR ELEVATION VIEW OF OUTSIDE LIGHTING LOCATION.

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PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

JOB NO.: PR-4234 — PAHOA, PUNA, HAWAII — TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: ENLARGED LIGHTING PLAN - PLAY COURTS

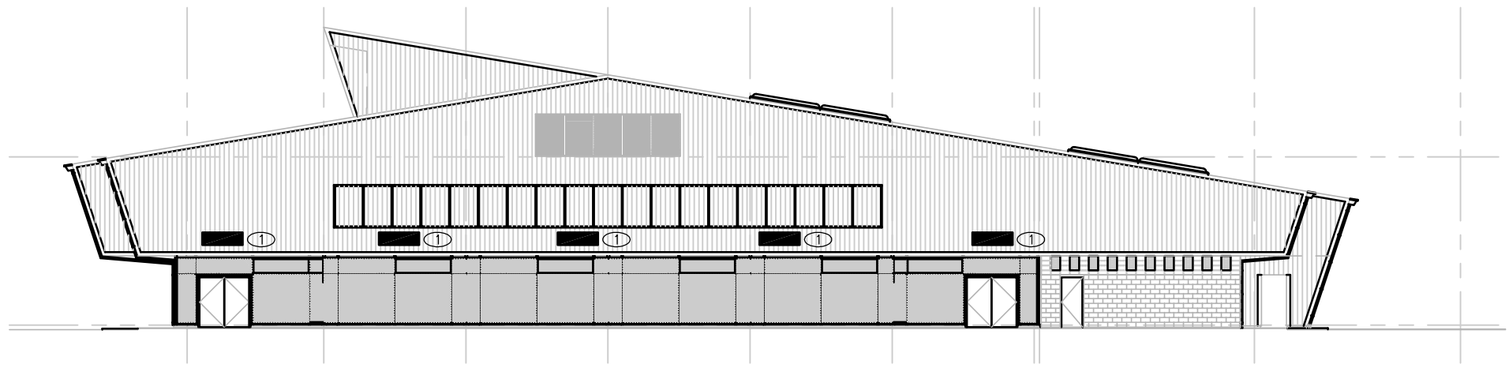
DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO. EPC102 — 1 OF SHEETS

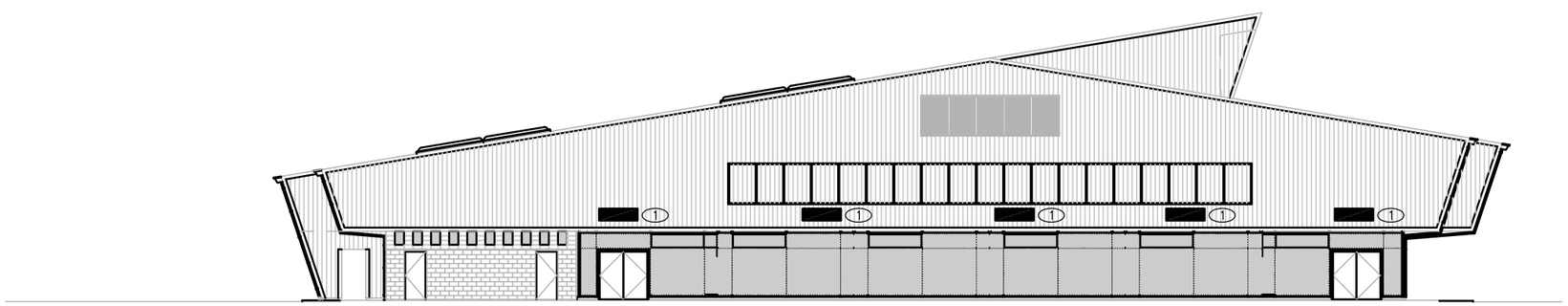
DATE: 2014-02-10

NOTES

(1) FIXTURE F FROM SHEET EPC102. 12' AFF.



A **EXTERIOR ELECTRICAL ELEVATION - PLAY COURTS - WEST**
SCALE: 3/32" = 1'-0"
0 8' 16'



B **EXTERIOR ELECTRICAL ELEVATION - PLAY COURTS - EAST**
SCALE: 3/32" = 1'-0"
0 8' 16'

2 NEW SHEET

Engineering Partners, Inc.
Progressive Solutions
455 ELANIKAULA STREET
HILO, HAWAII, 96720
www.epintegrated.com

CHRISTOPHER J. LOVETT
LICENSED PROFESSIONAL ENGINEER
Exp. 04/30/16
No. 14689-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE

MARK	DATE	DESCRIPTION
2	2014-05-07	ADDENDUM NO. 6

REVIEWED:
DEPARTMENT OF PARKS AND RECREATION — DATE

COUNTY OF HAWAI'I
DEPARTMENT OF PARKS & RECREATION
101 PAUAHI STREET, SUITE 6 / HILO, HAWAII 96720 / PHONE: 808.981.8311 / FAX: 808.981.8411

PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

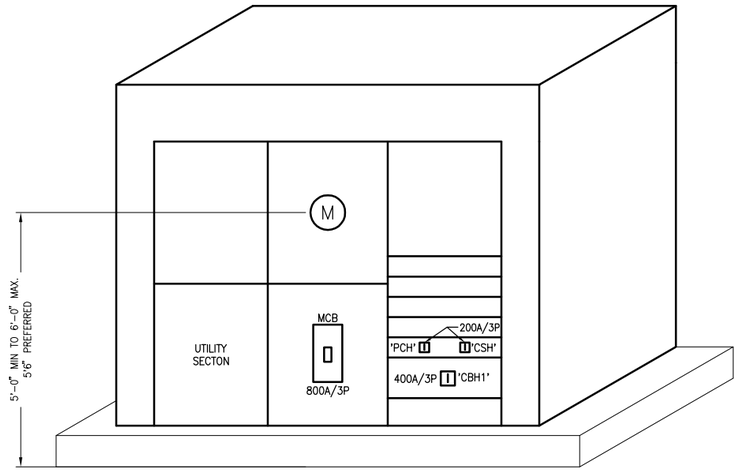
JOB NO.: PR-4234 — PAHOA, PUNA, HAWAII — TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: EXTERIOR ELECTRICAL ELEVATION - PLAY COURTS

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO. EPC103
1 OF SHEETS

DATE: 2014-02-10



1 ELEVATION DIAGRAM

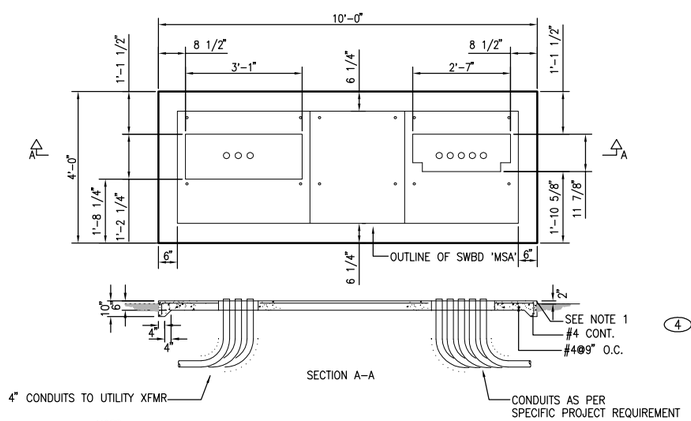
SCALE: NO SCALE

FEEDER SCHEDULE			
FDR. NO.	DESCRIPTION	CONDUIT AND WIRE SIZE (75°C CU 600V)	CONDUIT AND WIRE SIZE (75°C AL 600V) (AA-8000 COMPACT STRANDING)
P3	15KVA XFMR 480V PRIMARY FEEDER (25A MOCP)	(1) 3/4"-3 #10 & 1 #10 GND.	N/A
P1	30KVA XFMR 480V PRIMARY FEEDER (45A MOCP)	(1) 1"-3 #6 & 1 #10 GND.	N/A
P2	75KVA XFMR 480V PRIMARY FEEDER (110A MOCP)	(1) 1 1/2"-3 #1 & 1 #6 GND.	N/A
S6	15KVA XFMR 208V SECONDARY FEEDER (60A MOCP)	(1) 1"-4 #6 & 1 #8 GND.	N/A
S1	30KVA XFMR 208V SECONDARY FEEDER (100A MOCP)	(1) 1 1/2"-4 #1 & 1 #6 GND.	N/A
S2	75KVA XFMR 208V SECONDARY FEEDER (225A MOCP)	(1) 2 1/2"-4 #4/0 & 1 #2 GND.	(1) 3"-4 #300KCMIL & 1 #2 CU GND.
S3	500KVA XFMR 480V SECONDARY SERVICE ENTRANCE (800A MOCP)	(3) 4" EA. W/4 #300KCM	(3) 4" EA. W/4 #400KCMIL
46	200A, DISTRIBUTUION FEEDER	(1) 2"-4 #3/0 & 1 #6 GND.	(1) 2"-4 #250KCMIL & 1 #6 CU GND.
47	400A, DISTRIBUTUION FEEDER	(1) 4"-4 #500KCMIL & 1 #2 GND.	(1) 4"-4 #750KCMIL & 1 #2 CU GND.
48	400A, DISTRIBUTION FEEDER, 1500', 480V, 3ø, 4W	(3) 4" EA. W/4 #350KCMIL & 1 #2/0 GND.	(3) 4" EA. W/4 #600KCMIL & 1 #3/0 GND.
49	200A, DISTRIBUTION FEEDER, 1000', 480V, 3ø, 4W	(1) 4"-4 #300KCMIL & 1 #3 GND.	(1) 4"-4 #500KCMIL & 1 #3 CU GND.
50	200A, DISTRIBUTION FEEDER, 500', 480V, 3ø, 4W	(1) 4"-4 #250KCMIL & 1 #2 GND.	(1) 4"-4 #350KCMIL & 1 #4 CU GND.

NOTES:
1. SOME FEEDERS MAY NOT BE USED ON THIS PROJECT.
2. VOLTAGE DROP MAY REQUIRE THE USE OF A LARGER AMPACITY FEEDER.

NOTES

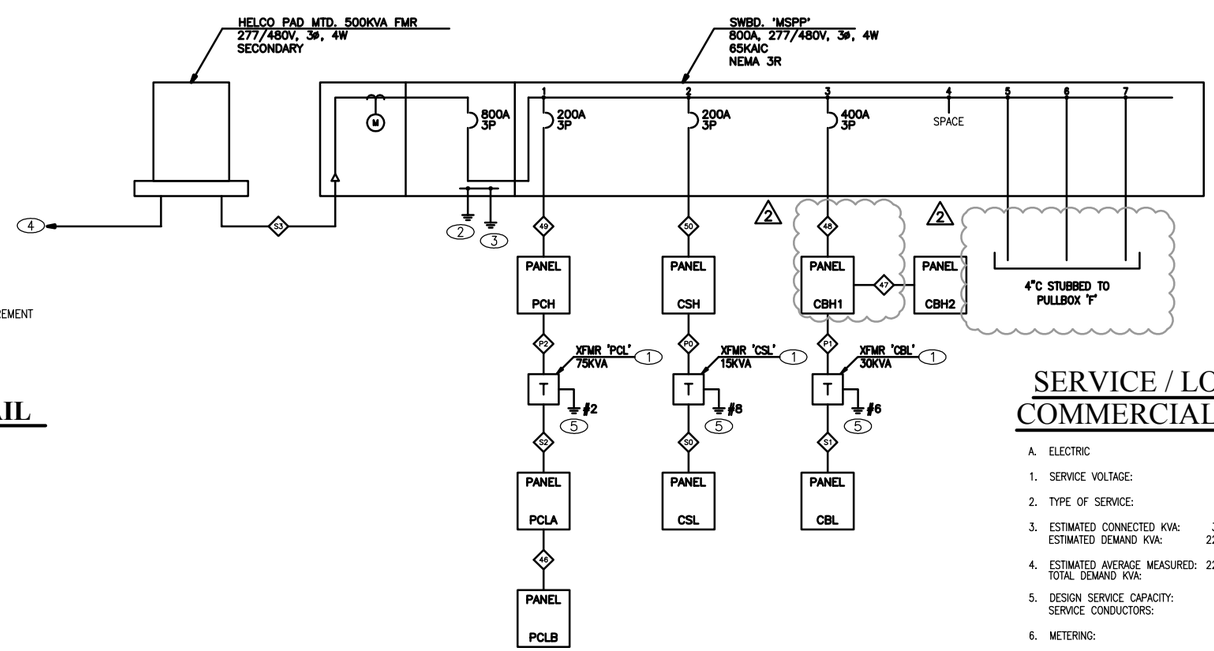
1. PROVIDE DRY-TYPE TRANSFORMER, 480V, 3ø, 3W, DELTA TO 208/120V, 3ø, 4W, WYE, 115°C RISE, 200° CLASS INSULATION AND KVA SIZE AS SHOWN
2. PROVIDE #2/0 CU PER NEC 250.52(A)(S)
3. PROVIDE SUPPLEMENTAL #2/0 PER NEC 250.56.
4. CONNECT UTILITY CONNECTION F.B.O.
5. PROVIDE GROUND SIZED AS INDICATED PER NEC 250.30.



NOTE:
1. CONCRETE: 3000 PSI COMPRESSIVE STRENGTH IN 28 DAYS. MOISTURE CUE CONCRETE PAD A MINIMUM OF 7 DAYS. DO NOT INSTALL TRANSFORMER UNTIL CONCRETE COMPRESSIVE STRENGTH REACHES 1,500 PSI MINIMUM OR AFTER 14 DAYS.

3 SWITCHBOARD CONCRETE PAD DETAIL

SCALE: NO SCALE



2 ELECTRICAL SINGLE LINE DIAGRAM

SCALE: NO SCALE

SERVICE / LOAD DATA COMMERCIAL BUILDING

A. ELECTRIC

1. SERVICE VOLTAGE: 480/277V, 3ø, 4W
2. TYPE OF SERVICE: UNDER GROUND
3. ESTIMATED CONNECTED KVA: 324.5 KVA
   ESTIMATED DEMAND KVA: 227.15 KVA
4. ESTIMATED AVERAGE MEASURED: 227.15 KVA
   TOTAL DEMAND KVA:
5. DESIGN SERVICE CAPACITY: 800 AMPERES
   SERVICE CONDUCTORS: (3) #300 AWG COPPER
6. METERING: RATE SCH J, HELCO STD. B-19
   (13 JAW, CLASS 200 METER SOCKET)
7. BILLING ADDRESS: DEPT. OF PARKS & RECREATION
   101 PAUAHI ST., SUITE 6
   HILO, HI 96720

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Exp. 04/30/16
No. 14689-C
HAWAII, U.S.A.

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SIGNATURE

MARK	DATE	DESCRIPTION
1	2014-04-10	ADDENDUM NO. 3
2	2014-05-07	ADDENDUM NO. 6

REVIEWED:
DEPARTMENT OF PARKS AND RECREATION — DATE

COUNTY OF HAWAI'I
DEPARTMENT OF PARKS & RECREATION
101 PAUAHI STREET, SUITE 6 / HILO, HAWAII 96720 / PHONE: 808.961.8311 / FAX: 808.961.8411

PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

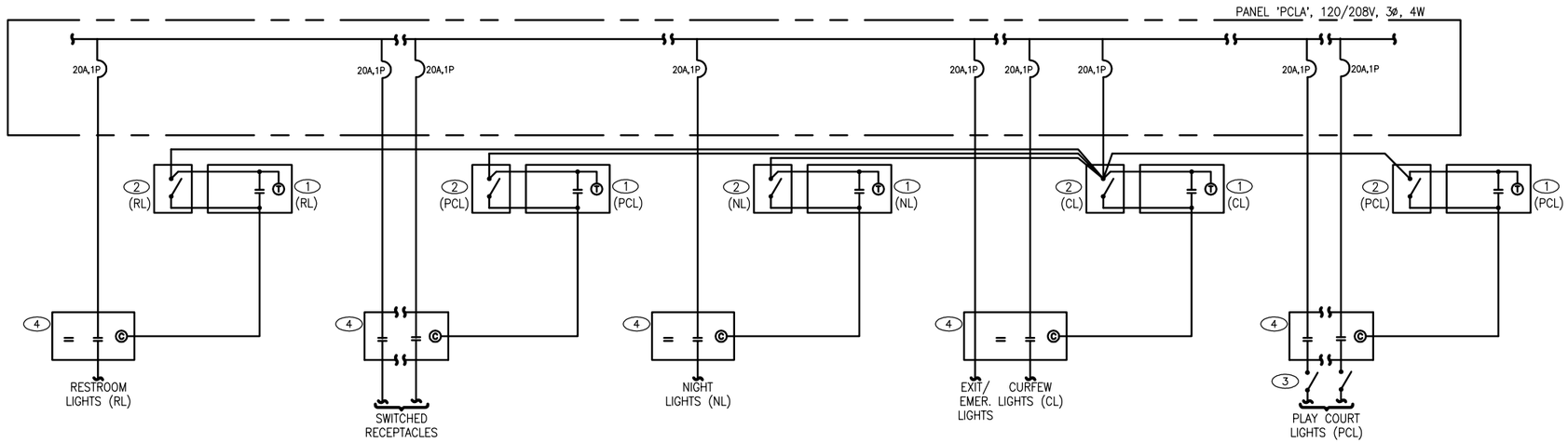
JOB NO.: PR-4234 — PAHOA, PUNA, HAWAII — TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: ELECTRICAL SINGLE LINE DIAGRAM

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO. E501 — 1 OF SHEETS

DATE: 2014-02-10

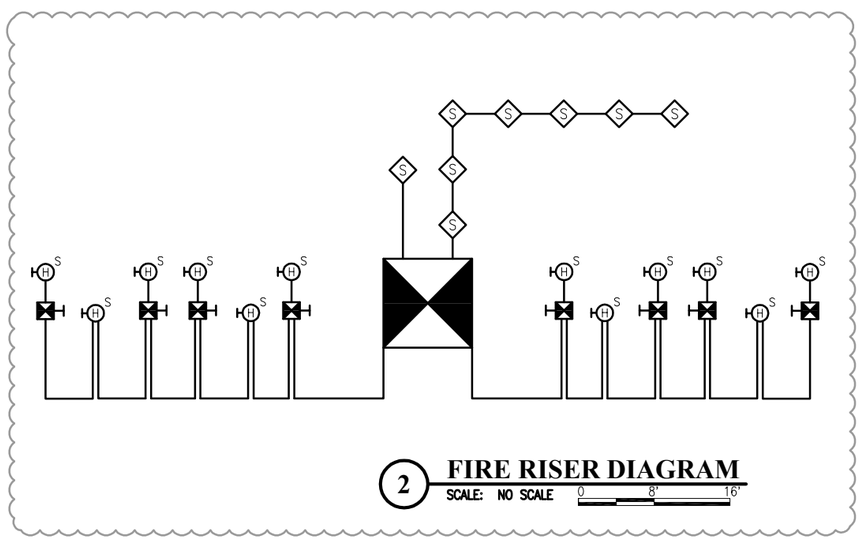


NOTES

1. TIME SWITCH 120V (PCL/CL/NL/RECEPT/RL).
2. BYPASS SWITCH (PCL/CL/NL/RECEPT/RL).
3. TWO-POLE SWITCH FOR CONTROL OF LIGHTS BY ZONE. REFER TO PLAY COURT CEILING PLANS FOR ZONING AND TOTAL NUMBER OF SWITCHES.
4. ELECTRICALLY HELD SQUARE D CLASS LIGHTING CONTACTOR 8903 LG SERIES 30AMP RATED WITH 120 VOLT OR 277 VOLT PULL IN COIL AS REQUIRED. PROVIDE QUANTITY OF CONTACTS AS REQUIRED TO CONTROL ALL PLAY COURT LIGHTS, NIGHT LIGHTS, CURFEW LIGHTS, RESTROOM LIGHTS, AND SWITCHED RECEPTACLES. IF MORE THEN 12 CONTACTS ARE REQUIRED, PROVIDE ADDITIONAL CONTACTOR(S) WITH COILS WIRE IN PARALLEL.

1 PLAY COURT LIGHTING CONTROL DIAGRAM

SCALE: N.T.S.



2 FIRE RISER DIAGRAM

SCALE: NO SCALE 0 8' 16'

NOTICES

1. RACEWAY SIZE SHALL BE 3/4"C MINIMUM EXCEPT AS NOTED, PROVIDE LARGER RACEWAYS AS REQUIRED PER MANUFACTURER'S RECOMMENDATIONS.
2. VERIFY AND PROVIDE TYPE, QUANTITY AND SIZE OF WIRES AND CABLES PER MANUFACTURER'S RECOMMENDATIONS.
3. DASHED LINES DENOTE EXISTING CONDITIONS; SOLID LINES DENOTE NEW WORK.
4. ALL DEV ICES NOT SHOWN – SEE PLANS AND SPECIFICATIONS FOR TYPE AND QUANTITIES OF DEVICES AND LOCATIONS.
5. FIRE ALARM FLASHING LIGHTS SHALL BE SYNCHRONIZED WHERE INSTALLED IN ROOMS CONTAINING MORE THAN TWO FLASHING LIGHTS.
6. COMPLY WITH COUNTY FIRE DEPARTMENT REQUIREMENTS.

Engineering Partners, Inc.
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CHRISTOPHER J. LOVETT
LICENSED PROFESSIONAL ENGINEER
Exp. 04/30/16
No. 14689-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
SIGNATURE

MARK	DATE	DESCRIPTION
1	2014-04-10	ADDENDUM NO. 3
2	2014-05-07	ADDENDUM NO. 6

REVIEWED:
DEPARTMENT OF PARKS AND RECREATION DATE

COUNTY OF HAWAI'I
DEPARTMENT OF PARKS & RECREATION
101 PAUAHI STREET, SUITE 6 / HILO, HAWAII 96720 / PHONE: 808.961.8311 / FAX: 808.961.8411

PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

JOB NO.: PR-4234 PAHOA, PUNA, HAWAII TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: PLAY COURT LIGHTING CONTROL AND FIRE RISER DIAGRAMS

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO. E502
1 OF SHEETS
DATE: 2014-02-10

PANEL: PCH

VOLTAGE: 208 / 120 3Ø 4W | BUS: 225A | MAINS: 200A M.C.B. | AIC RATING: 14,000
DATE: 5/4/14 3:47 PM | JOB: 14066-12-01
LOCATION: PLAYCOURT ELEC RM | MOUNTING: SURFACE
CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN | NO. OF EQUIPMENT: 0

				LOAD DESIGNATION					CONNECTED VA													LOAD DESIGNATION				
CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	M	R	L	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	L	R	M	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	L	20	1	STORAGE / OFFICE LTG				21	1260			•			–							SPARE	20	1	L	2
3		20	1	EMERG. LTG.				22		550			•			1800		20			1	PARKING LOT LIGHTING	20	1	L	4
5	L	20	1	STORAGE / JANITOR CLOSET				14			560			•			900	10			1	PARKING LOT LIGHTING	20	1	L	6
7		20	1	SPARE					–			•			630			7			1	ROADWAY LIGHTING	20	1	L	8
9		20	1	SPARE						–			•			–		8				SPARE	20	1		10
11		20	1	SPARE							–			•			360	6			1	WALKWAY LIGHTING	20	1	L	12
13		20	1	SPARE					–			•			480			8			1	PLAYCOURT OUTSIDE LTG	20	1		14
15		20	1	SPARE						–			•			–						SPARE	20	1		16
17		20	1	SPARE							–			•			–					SPARE	20	1		18
19		20	1	SPARE					–			•			–							SPARE	20	1		20
21		20	1	SPARE						–			•			–						SPARE	20	1		22
23		20	1	SPARE							–			•			–					SPARE	20	1		24
25		20	1	SPARE					–			•			–							SPARE	20	1		26
27		20	1	SPARE						–			•			–						SPARE	20	1		28
29		20	1	SPARE							–			•			–					SPARE	20	1		30
31		20	1	SPARE					–			•			–							SPARE	20	1		32
33		20	1	SPARE						–			•			–						SPARE	20	1		34
35		20	1	SPARE							–			•			–					SPARE	20	1		36
37		110		XFMR 'PCL'					18400			•			–							SPARE	20	1		38
39				---						18400			•			–						SPARE	20	1		40
41			3	---							18400			•			–					SPARE	20	1		42

PHASE TOTALS	ØA: 20770 / ØB: 20750 / ØC: 20220
TOTAL CONNECTED VA	61740
CONNECTED VA (CODE N)	56230
CONNECTED VA (CODE L)	5510
CONNECTED VA (CODE R)	0
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	61.7
PANEL DEMAND KVA	63.1
PANEL DEMAND AMPS	175.2
HIGH Ø AMPS w/ DEMAND	176.9

PANEL NOTES:

1. CONTACTOR CONTROLLED VIA PHOTOCELL/TIMECLOCK.

PANEL: CBH1

VOLTAGE: 480 / 277 3Ø 4W | BUS: 400A | MAINS: 400A MCB | AIC RATING: 14,000
DATE: 5/4/14 4:06 PM | JOB: 14066-12-01
LOCATION: COMFORT BOOTH ELEC RM | MOUNTING: SURFACE
CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN | NO. OF EQUIPMENT: 0

				LOAD DESIGNATION					CONNECTED VA													LOAD DESIGNATION				
CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	M	R	L	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	L	R	M	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	L	20	1	CONCESSION/STORAGE LTG				13	780			•			7180			10			2	MULTI-PURPOSE (S1)	40		L	2
3	L	20	1	RESTROOM/OUTDOOR	1			12		480			•			7180					2	--			L	4
5	L	20	1	WALKWAY LIGHTING	1			9			540			•			7180				2	--		3	L	6
7	L	40		MULTI USE 2 (S7)	3			10	7180			•			7180			10			2	MULTI-PURPOSE (S2)	40		L	8
9	L			--	3					7180			•			7180					2	--			L	10
11	L		3	--	3						7180			•			7180				2	--		3	L	12
13	L	40		MULTI USE 2 (S8)	3			10	7180			•			7180			10			2	MULTI-PURPOSE (S3)	40		L	14
15	L			--	3					7180			•			7180					2	--			L	16
17	L		3	--	3						7180			•			7180				2	--		3	L	18
19	L	40		MULTI USE 2 (S-9	3			10	7180			•			7180			10			2	MULTI-PURPOSE (S4)	40		L	20
21	L			--	3					7180			•			7180					2	--			L	22
23	L		3	--	3						7180			•			7180				2	--		3	L	24
25	L	40		MULTI USE 2 (S10)	3			10	7180			•			7180			10			2	MULTI-PURPOSE (S5)	40		L	26
27	L			--	3					7180			•			7180					2	--			L	28
29	L		3	--	3						7180			•			7180				2	--		3	L	30
31	L	40		MULTI USE 2 (S11)	3			10	7180			•			7180			10			2	MULTI-PURPOSE (S6)	40		L	32
33	L			--	3					7180			•			7180					2	--			L	34
35	L		3	--	3						7180			•			7180				2	--		3	L	36
37		45		XFMR 'CBL'					1080			•			7180			10			3	MULTI-PURPOSE (S12)	40		L	38
39				---						1400			•			7180					3	--			L	40
41			3	---							720			•			7180				3	--		3	L	42

PHASE TOTALS	ØA: 88020 / ØB: 88040 / ØC: 87420
TOTAL CONNECTED VA	263480
CONNECTED VA (CODE N)	3200
CONNECTED VA (CODE L)	260280
CONNECTED VA (CODE R)	0
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	263.5
PANEL DEMAND KVA	328.6
PANEL DEMAND AMPS	395.2
HIGH Ø AMPS w/ DEMAND	396.0

PANEL NOTES:

1. CONTACTOR CONTROLLED VIA PHOTOCELL/TIMECLOCK.
2. CONTACTOR CONTROLLED VIA FIELD LIGHTING CONTROL PANEL.
3. PROVIDE LIGHT FIXTURES AS PART OF ADDITIVE ALTERNATE #2

PROVIDE PANEL WITH FEED THRU LUGS

PANEL: CSH

VOLTAGE: 480 / 277 3Ø 4W | BUS: 225A | MAINS: 200 M.C.B. | AIC RATING: 14,000
DATE: 5/4/14 3:58 PM | JOB: 14066-12-01
LOCATION: JANITOR'S CLOSET | MOUNTING: SURFACE
CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN | NO. OF EQUIPMENT: 0

				LOAD DESIGNATION					CONNECTED VA													LOAD DESIGNATION				
CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	M	R	L	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	L	R	M	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	L	20	1	OUTDOOR LTG.	1			14	480			•			450			5			1	PARKING LOT LIGHTS	20	1	L	2
3	L	20	1	JANITORS CLOSET LTG.				3		180			•			480		8			1	WALKWAY LIGHTS	20	1	L	4
5	L	20	1	PARKING LOT LIGHTS	1			9			810			•			720	8			1	DRIVE LANE LIGHTS	20	1	L	6
7	L	20		SKATE PARK LTG P1	2			2	1200			•			1200			2			2	SKATE PARK LTG P2	20		L	8
9	L			--	2					1200			•			1200					2	--			L	10
11	L		3	--	2						1200			•			1200				2	--		3	L	12
13		20	1	SPARE					–			•			–							SPARE	20	1		14
15		20	1	SPARE						–			•			–						SPARE	20	1		16
17		20	1	SPARE							–			•			–					SPARE	20	1		18
19		20	1	SPARE					–			•			–							SPARE	20	1		20
21		20	1	SPARE						–			•			–						SPARE	20	1		22
23		20	1	SPARE							–			•			–					SPARE	20	1		24
25		20	1	SPARE					–			•			–							SPARE	20	1		26
27		20	1	SPARE						–			•			–						SPARE	20	1		28
29		20	1	SPARE							–			•			–					SPARE	20	1		30
31		20	1	SPARE					–			•			–							SPARE	20	1		32
33		20	1	SPARE						–			•			–						SPARE	20	1		34
35		20	1	SPARE							–			•			–					SPARE	20	1		36
37		25		XFMR 'CSL'		1			180			•			–							SPARE	20	1		38
39				---						180			•			–						SPARE	20	1		40
41			3	---							180			•			–					SPARE	20	1		42

PHASE TOTALS	ØA: 3510 / ØB: 3240 / ØC: 4110
TOTAL CONNECTED VA	10860
CONNECTED VA (CODE N)	540
CONNECTED VA (CODE L)	10320
CONNECTED VA (CODE R)	0
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	10.9
PANEL DEMAND KVA	13.4
PANEL DEMAND AMPS	16.2
HIGH Ø AMPS w/ DEMAND	18.4

PANEL NOTES:

1. CONTRACTOR CONTROLLED VIA PHOTOCELL/TIMECLOCK
2. PROVIDE LIGHT FIXTURES AS PART OF ADDITIVE ALTERNATE #3

PANEL: PCLA

VOLTAGE: 208 / 120 3Ø 4W | BUS: 225A | MAINS: 225A M.C.B | AIC RATING: 10,000
DATE: 5/4/14 4:11 PM | JOB: 14066-12-01
LOCATION: PLAY COURT ELEC RM. | MOUNTING: SURFACE
CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN | NO. OF EQUIPMENT: 0

				LOAD DESIGNATION					CONNECTED VA													LOAD DESIGNATION				
CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	M	R	L	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	L	R	M	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	R	20	1	SPARE					–			•			–							SPARE	20	1	R	2
3	R	20	1	SPARE						–			•			–						SPARE	20	1	R	4
5	R	20	1	STORAGE 1 RECEPT	1		1				180			•			180		1		1	STORAGE 2 RECEPT	20	1	R	6
7	R	20	1	STORAGE 3 RECEPT	1		1		180			•			180				1		1	STORAGE 4 RECEPT	20	1	R	8
9	R	20	1	STORAGE 5 RECEPT	1		1			180			•			–						SPARE	20	1	R	10
11	L	20		PLAYCOURT LTG (PCL)	2			11			1590			•			1590	11			2	PLAYCOURT LTG (PCL)	20		L	12
13	L		2	---	2				1590			•			1590						2	---		2	L	14
15	L	20		PLAYCOURT LTG (PCL)	2			11		1590			•			1590		11			2	PLAYCOURT LTG (PCL)	20		L	16
17	L		2	---	2						1590			•			1590				2	---		2	L	18
19	L	20		PLAYCOURT LTG (PCL)	2			11	1590			•			1590			11			2	PLAYCOURT LTG (PCL)	20		L	20
21	L		2	---	2					1590			•			1590					2	---		2	L	22
23	L	20		PLAYCOURT LTG (PCL)	2			11			1590			•			1590	11			2	PLAYCOURT LTG (PCL)	20		L	24
25	L		2	---	2				1590			•			1590						2	---		2	L	26
27	L	20		PLAYCOURT LTG (PCL)	2			11		1590			•			780		13			3	OUTDOOR LTG	20	1	L	28
29	L		2	---	2						1590			•			720	12			3	OUTDOOR LTG	20	1	L	30
31	L	20		PLAYCOURT LTG (PCL)	2			11	1590			•			180			6			3	ENTRY DOOR LTG	20	1	L	32
33	L		2	---	2					1590			•			360		6			4	RESTROOM LTG	20	1	L	34
35		20	1	SPARE							–			•			–					SPARE	20	1		36
37		20	1	SPARE					–			•			–							SPARE	20	1		38
39		20	1	SPARE						–			•			–						SPARE	20	1		40
41		20	1	SPARE							–			•			–					SPARE	20	1		42

PHASE TOTALS	ØA: 11670 / ØB: 10860 / ØC: 12210
TOTAL CONNECTED VA	34740
CONNECTED VA (CODE N)	0
CONNECTED VA (CODE L)	33840
CONNECTED VA (CODE R)	900
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	34.7
PANEL DEMAND KVA	43.2
PANEL DEMAND AMPS	119.9
HIGH Ø AMPS w/ DEMAND	126.3

PANEL NOTES:

1.) CONTACTOR CONTROL VIA TIME SWITCH 6AM ON, 10PM, OFF. (PLAY COURT RECEPTS)
2.) CONTACTOR CONTROL VIA TIME SWITCH AND MANUAL OVERIDE SWITCH IN CABINET. (PLAY COURT LIGHTS)
3.) CONTACT CONTROL VIA TIME SWITCH (CURFEW LTS, NIGHT LIGHTS, RESTROOM LIGHTS

PROVIDE PANEL WITH FEED THROUGH LUGS

PANEL: CBH2

VOLTAGE: 480 / 277 3Ø 4W | BUS: 400A | MAINS: 400A L.O. | AIC RATING: 14,000
DATE: 5/4/14 4:04 PM | JOB: 14066-12-01
LOCATION: COMFORT BOOTH ELEC RM | MOUNTING: SURFACE
CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN | NO. OF EQUIPMENT: 0

				LOAD DESIGNATION					CONNECTED VA													LOAD DESIGNATION				
CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	M	R	L	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	L	R	M	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1	L	30		BASEBALL FIELD 1 (A1)	1			6	4105			•			4100			5			1	BASEBALL FIELD 1 (C1)	30		L	2
3	L			--	1					4105			•			4100					1	--			L	4
5	L		3	--	1						4105			•			4100				1	--		3	L	6
7	L	30		BASEBALL FIELD 1 (A2)	1			6	4105			•			4100			5			1	BASEBALL FIELD 1 (C2)	30		L	8
9	L			--	1					4105			•			4100					1	--			L	10
11	L		3	--	1						4105			•			4100				1	--		3	L	12
13	L	40		BASEBALL FIELD 1 (B1)	1			12	8200			•			4100			5			1	BASEBALL FIELD 1 (D1)	30		L	14
15	L			--	1					8200			•			4100					1	--			L	16
17	L		3	--	1						8200			•			4100				1	--		3	L	18
19	L	40		BASEBALL FIELD 1 (B2)	1			12	8200			•			4100			5			1	BASEBALL FIELD 1 (D2)	30		L	20
21	L			--	1					8200			•			4100					1	--			L	22
23	L		3	--	1						8200			•			4100				1	--		3	L	24
25	L	30		BASEBALL FIELD 2 (A3)	2			5	4100			•			5000			8			2	BASEBALL FIELD 2 (B4)	30		L	26
27	L			--	2					4100			•			5000					2	--			L	28
29	L		3	--	2						4100			•			5000				2	--		3	L	30
31	L	30		BASEBALL FIELD 2 (A4)	2			5	4100			•			4100			5			2	BASEBALL FIELD 2 (C3)	30		L	32
33	L			--	2					4100			•			4100					2	--			L	34
35	L		3	--	2						4100			•			4100				2	--		3	L	36
37	L	30		BASEBALL FIELD 2 (B3)	2			8	5000			•			4100			5			2	BASEBALL FIELD 2 (C4)	30		L	38
39	L			--	2					5000			•			4100					2	--			L	40
41	L		3	--	2						5000			•			4100				2	--		3	L	42

PHASE TOTALS	ØA: 67410 / ØB: 67410 / ØC: 67410
TOTAL CONNECTED VA	202230
CONNECTED VA (CODE N)	0
CONNECTED VA (CODE L)	202230
CONNECTED VA (CODE R)	0
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	202.2
PANEL DEMAND KVA	252.8
PANEL DEMAND AMPS	304.1
HIGH Ø AMPS w/ DEMAND	304.1

PANEL NOTES:

1. CONTACTOR CONTROLLED VIA FIELD LIGHTING CONTROL SYSTEM.
2. PROVIDE LIGHT FIXTURES AS PART OF ADDITIVE ALTERNATE #1

PANEL: CSL

VOLTAGE: 208 / 120 3Ø 4W | BUS: 125A | MAINS: 60A M.C.B. | AIC RATING: 16,000
DATE: 5/4/14 3:42 PM | JOB: 14066-12-01
LOCATION: JANITOR'S CLOSET | MOUNTING: SURFACE
CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN | NO. OF EQUIPMENT: 0

				LOAD DESIGNATION					CONNECTED VA													LOAD DESIGNATION				
CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	M	R	L	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	L	R	M	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1		20	1	JANITOR'S CLOSET					180			•			1000							SCOREBOARD	20	1		2
3		20	1	SPARE						–			•			–						SPARE	20	1		4
5		20	1	TIMECLOCK							180			•			–					SPARE	20	1		6
7		20	1	SPARE					–			•			–							SPARE	20	1		8
9										–			•			–										10
11											–			•			–									12
13									–			•			–											14
15										–			•			–										16
17											–			•			–									18
19									–			•			–											20
21										–			•			–										22
23											–			•			–									24
25									–			•			–											26
27										–			•			–										28
29											–			•			–									30
31									–			•			–											32
33										–			•			–										34
35											–			•			–									36
37									–			•			–											38
39										–			•			–										40
41											–			•			–									42

PHASE TOTALS	ØA: 1180 / ØB: 0 / ØC: 180
TOTAL CONNECTED VA	1360
CONNECTED VA (CODE N)	1360
CONNECTED VA (CODE L)	0
CONNECTED VA (CODE R)	0
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	1.4
PANEL DEMAND KVA	1.4
PANEL DEMAND AMPS	3.8
HIGH Ø AMPS w/ DEMAND	9.8

PANEL NOTES:

8 CIRCUIT PANEL

PANEL: PCLB

VOLTAGE: 208 / 120 3Ø 4W | BUS: 225A | MAINS: L.O. | AIC RATING: 10,000
DATE: 5/4/14 4:25 PM | JOB: 14066-12-01
LOCATION: PLAY COURT ELEC RM. | MOUNTING: SURFACE
CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN | NO. OF EQUIPMENT: 5

				LOAD DESIGNATION					CONNECTED VA													LOAD DESIGNATION				
CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	M	R	L	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	L	R	M	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1		20	1	PC WINCH		1			1585			•			1000				1			SCOREBOARD	20	1		2
3		20	1	PC WINCH		1				1585			•			1000			1			SCOREBOARD	20	1		4
5		20	1	PC WINCH		1					1585			•			1000		1			SCOREBOARD	20	1		6
7		20	1	PC WINCH		1			1585			•			360				2			OUTDOOR RECEPT	20	1		8
9		20	1	PC WINCH		1				1585			•			540			3			OFFICE	20	1	R	10
11		20	1	PC WINCH		1					1585			•			720		4			OFFICE	20	1	R	12
13		20	1	ROLL-UP DIVIDER		1			1920			•			180				1			ELECTRICAL ROOM	20	1	R	14
15	K	20	1	CONCESSION RECEPT			1			180			•			360			2			CONCESSION RECEPT	20	1	K	16
17	K	20	1	CONCESSION RECEPT			1				180			•			360		2			CONCESSION RECEPT	20	1	K	18
19	K	20	1	CONCESSION RECEPT			1		180			•			180				1			JANITOR'S CLOSET	20	1	R	20
21		20	1	ROLL-UP DIVIDER		1				1920			•			540			3			STORAGE	20	1	R	22
23		20	1	PC RECEPT			4				720			•			180		1			CONCESSION RECEPT	20	1		24
25		20	1	PC RECEPT			4		720			•			180				1			CONCESSION RECEPT	20	1		26
27		20	1	PC RECEPT			4			720			•			720			4			PC RECEPT	20	1		28
29		20	1	SPARE							–			•			1920			1		ROLL-UP DOOR ENTRY	20	1		30
31		20	1	SPARE					–			•			–							SPARE	20	1		32
33		20	1	SPARE						–			•			–						SPARE	20	1		34
35		20	1	SPARE							–			•			–					SPARE	20	1		36
37		20	1	SPARE					–			•			–							SPARE	20	1		38
39		20	1	SPARE						–			•			–						SPARE	20	1		40
41		20	1	SPARE							–			•			–					SPARE	20	1		42

PHASE TOTALS	ØA: 7890 / ØB: 9150 / ØC: 8250
TOTAL CONNECTED VA	25290
CONNECTED VA (CODE N)	21870
CONNECTED VA (CODE L)	0
CONNECTED VA (CODE R)	2160
CONNECTED VA (CODE K)	1260
PANEL CONNECTED KVA	25.3
PANEL DEMAND KVA	24.9
PANEL DEMAND AMPS	69.1
HIGH Ø AMPS w/ DEMAND	74.8

PANEL NOTES:

PANEL: CBL

VOLTAGE: 208 / 120 3Ø 4W | BUS: 125A | MAINS: 100A M.C.B. | AIC RATING: 10,000
DATE: 5/4/14 4:19 PM | JOB: 14066-12-01
LOCATION: COMFORT BOOTH ELEC. RM. | MOUNTING: SURFACE
CIRCUIT CODE: blank or N: NON-CONTINUOUS; L: LONG-CONTINUOUS; R: DEMANDABLE RECEPTACLES; K: KITCHEN | NO. OF EQUIPMENT: 0

				LOAD DESIGNATION					CONNECTED VA													LOAD DESIGNATION				
CKT NO	CODE	TRIP	POLE	DESCRIPTION	(NOTE)	M	R	L	ØA	ØB	ØC	A	B	C	ØA	ØB	ØC	L	R	M	(NOTE)	DESCRIPTION	TRIP	POLE	CODE	CKT NO
1		20	1	CONCESSION RECEPT			1		180			•			360				2			CONCESSION RECEPT	20	1		2
3		20	1	CONCESSION RECEPT			1			180			•			360			2			JANITOR/ELEC RM	20	1		4
5		20	1	CONCESSION RECEPT			1				180			•			1920			1		ROLL-UP DOOR	20	1		6
7		20	1	CONCESSION RECEPT			1		180			•			–							SPARE	20	1		8
9		20	1	CONCESSION RECEPT			1			180			•			500				1		TIMECLOCK	20	1		10
11		20	1	CONCESSION RECEPT			1				180			•			1000					SCOREBOARD	20	1		12
13		20	1	CONCESSION RECEPT			1		180			•			1000							SCOREBOARD	20	1		14
15		20	1	CONCESSION RECEPT			1			180			•			1000						SCOREBOARD	20	1		16
17		20	1	CONCESSION RECEPT			2				360			•			360		2			CONCESSION RECEPT	20	1		18
19		20	1	CONCESSION RECEPT			2		360			•			360				2			CONCESSION RECEPT	20	1		20
21		20	1	SPARE						–			•			–						SPARE	20	1		22
23		20	1	SPARE							–			•			–					SPARE	20	1		24
25									–			•			–											26
27										–			•			–										28
29											–			•			–									30
31									–			•			–											32
33										–			•			–										34
35											–			•			–									36
37									–			•			–											38
39										–			•			–										40
41											–			•			–									42

PHASE TOTALS	ØA: 2620 / ØB: 2400 / ØC: 4000
TOTAL CONNECTED VA	9020
CONNECTED VA (CODE N)	9020
CONNECTED VA (CODE L)	0
CONNECTED VA (CODE R)	0
CONNECTED VA (CODE K)	0
PANEL CONNECTED KVA	9.0
PANEL DEMAND KVA	9.0
PANEL DEMAND AMPS	25.0
HIGH Ø AMPS w/ DEMAND	33.3

PANEL NOTES:

24 CKT PANEL

△2 REVISED ENTIRE SHEET

MARK	DATE	DESCRIPTION
1	2014-04-10	[illegible] PANEL SCHEDULES
2	2014-05-07	ADDENDUM NO. 6

Engineering Partners, Inc.
Progressive Solutions
455 E.LANIKAULA STREET
HILO, HAWAII, 96720
www.epintegrated.com

CHRISTOPHER J. LOVETT
LICENSED PROFESSIONAL ENGINEER
Exp. 04/30/16
No. 14689-E
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE

REVIEWED:

DEPARTMENT OF PARKS AND RECREATION   DATE

COUNTY OF HAWAI'I
DEPARTMENT OF PARKS & RECREATION
101 PAUAHI STREET; SUITE 6 / HILO, HAWAII 96720 / PHONE: 808.961.8311 / FAX: 808.961.8411

PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

JOB NO.: PR-4234   PAHOA, PUNA, HAWAII   TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: ELECTRICAL PANEL SCHEDULES

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SHEET NO.
E601

1 OF SHEETS

DATE: 2014-02-10