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

JOB NO.: PR-4234

BID SUBMITTAL - 2014-02-10

ADD 3 - 2014-04-10

ADD6 - 2014-05-07 △2

PAHOA, PUNA, HAWAII - TMK: (3) 1-5-002:020

DIRECTOR
DEPARTMENT OF PARKS & RECREATION

DATE

APPROVED:

MAYOR
COUNTY OF HAWAI'I

DATE

DIRECTOR
PLANNING DEPARTMENT

DATE

DIRECTOR
DEPARTMENT OF PUBLIC WORKS

DATE

CHIEF
FIRE DEPARTMENT

DATE

DIRECTOR
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

DATE

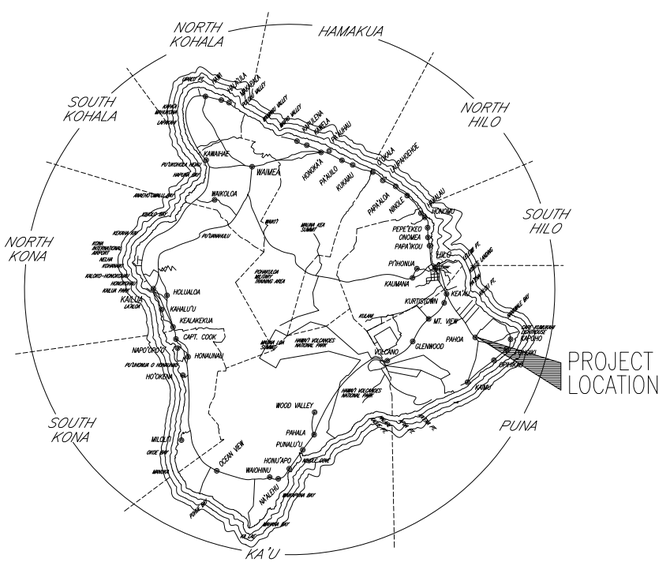
MANAGER
DEPARTMENT OF WATER SUPPLY

DATE

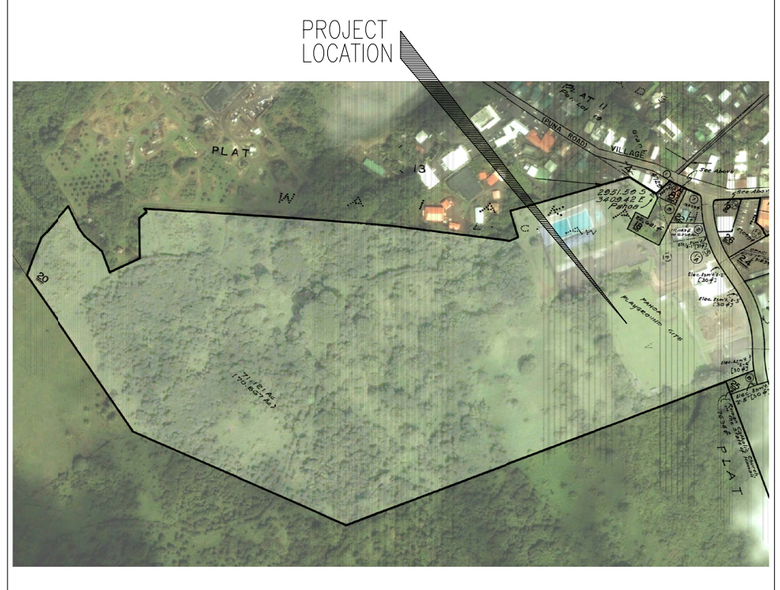
CHIEF
ENVIRONMENTAL MANAGEMENT DIVISION
STATE OF HAWAII DEPARTMENT OF HEALTH

DATE

VICINITY MAP



LOCATION MAP



CONSULTANTS

WCIT ARCHITECTURE
725 KAPIOLANI BLVD., STE C-400, HONOLULU, HI 96813
808-592-2345
PRIME CONSULTANT / (ARCHITECTURE)

ENGINEERING PARTNERS, INC. (SUBCONSULTANT)
455 E. LANIKAULA ST., HILO, HI 96720
808-930-7828
(CIVIL/STRUCTURAL/MECHANICAL/ELECTRICAL ENGINEERING)

IRVIN HIGASHI AND ASSOCIATES (SUBCONSULTANT)
533 IHE ST., HONOLULU, HI 96817
808-735-0844
(LANDSCAPE ARCHTECTURE)

PBR (SUBCONSULTANT)
1001 BISHOP ST., HONOLULU, HI 96813
808-954-6347
(PLANNING AND ENTITLEMENT)

CONSPECTUS, INC. (SUBCONSULTANT)
2231 ROUTE 50, P.O. BOX 248, TUCKAHOE, NJ 08250
808-930-7828
(SPECIFICATIONS)

ISLAND SURVEY, INC. (SUBCONSULTANT)
P.O. BOX 4215, HILO, HI 96720
808-935-9105
(SITE SURVEYOR)

WCIT ARCHITECTURE
725 KAPIOLANI BOULEVARD, SUITE C-400
HONOLULU, HAWAII 96813
PHONE (808) 592-2345
www.wcitarch.com
wcit@wcitarch.com

ROBERT K. IOPA LICENSED PROFESSIONAL ARCHITECT No.6890 HAWAII, U.S.A.

Robert Iopa, AIA — 4/30/2014 — Exp. Date

THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THE PROJECT WILL BE SUPERVISED BY A REGISTERED ARCHITECT.

NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB SITE PRIOR TO PROCEEDING WITH WORK.

MARK	DATE	DESCRIPTION
△1	2014-04-10	ADD3-REVISIONS
△2	2014-05-07	ADD6-REVISIONS

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: GENERAL INFORMATION - TITLE SHEET

DESIGNED BY: OF
DRAWN BY: OF
CHECKED BY: SC

SHEET NO. GI001

OF #### SHEETS

DATE: 2014-02-10

PRINT DATE: 5 May 2014

ARCHITECTURAL ABBREVIATIONS

&	AND
@	AT
℄	CENTER LINE
ø	DIAMETER
A/C	AIR CONDITIONING
ACM	ASBESTOS CONTAINING MATERIAL
ACOUS	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AL, ALUM	ALUMINUM
ANOD	ANODIZED
BD	BOARD
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BOT	BOTTOM
CER	CERAMIC
CLR	CLEAR
CLG	CEILING
CLO	CLOSET
CMU	CONCRETE MASONRY UNIT
CPT	CARPET
CO	CLEAN OUT
CONC	CONCRETE
CONT	CONTINUOUS
CT	CERAMIC TILE
DET	DETAIL
DEPT	DEPARTMENT
DIA	DIAMETER
DR	DOOR
DS	DOWNSPOUT
DWGS	DRAWINGS
EA	EACH
ELEC	ELECTRICAL
EQ	EQUAL
EQPM	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXP	EXPANSION OR EXPOSED
EXST	EXISTING
FD	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET
FF&E	FURNITURE, FURNISHING & EQUIPMENT
FSG	FREE STANDING GUARDRAIL
FSH	FREE STANDING HANDRAIL
GFI	GROUND FAULT INTERUPTOR
GFCI	GROUND FAULT CIRCUIT INTERUPTOR
GL	GLASS OR GLAZING
GOV	GOVERNMENT
GR FL	GROUND FLOOR
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
HB	HOSE BIB
HDWD	HARDWOOD
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
INSUL	INSULATION, INSULATED
INCL	INCLUDED, INCLUDING
JAN	JANITOR
JT	JOINT(S)
m	METER
mm	MILLIMETER
MACH	MACHINE
MAT	MATERIAL
MAX	MAXIMUM
MBH	MOP/BROOM HOLDER
MECH	MECHANICAL
MET	METAL
MISC	MISCELLANEOUS
MIN	MINIMUM, MINUTES
MIR	MIRROR
MTD	MOUNTED
NIC	NOT IN CONTRACT
NOM	NOMINAL
OC	ON CENTER
PLBG	PLUMBING
PLYWD	PLYWOOD
PTDWR	PAPER TOWEL DISPENSER AND WASTE RECEPTACLE
PTH	PAPER TOWER HOLDER
PTN	PARTITION
R&D	REMOVE AND DISPOSE
REINF	REINFORCE
RECT	RECTANGLE, RECTANGULAR
REFURB	REFURBISH
RFG	ROOFING
RH	ROBE HOOK
RM	ROOM
SC	SOLID CORE, SHOWER CURTAIN
SCHD	SCHEDULE
SCR	SHOWER CURTAIN ROD
SCTD	SEAT COVER, TISSUE DISPENSER
SCTND WITH	SEAT COVER, TISSUE DISPENSER NAPKIN DISPOSAL
SD	SOAP DISPENSER
SEAL	SEALANT
SIM	SIMILAR
SPEC	SPECIFICATION
SL	SLOPE OR WINDOW SILL
STD	STANDARD
STL	STEEL
STO	STORAGE
STRL	STRUCTURAL
SST	STAINLESS STEEL
SUSP	SUSPENDED
SYM	SYMBOL(S)
T	WINDOW TREATMENT
TB TREATMENT	TOWEL BAR OR WINDOW AND BLACKOUT SHADE
TDWR WASTE	PAPER TOWEL DISPENSER AND RECEPTACLE
THD	THREAD
THK	THICK
THRU	THROUGH
TLT	TOILET
TSCTD	TOILET SEAT COVER AND TISSUE DISPENSER
TSCTDWR	TOILET SEAT COVER, TISSUE DISPENSER AND WASTE REPTACLE
TTD	TOILET TISSUE DISPENSER
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UR	URINAL
VCT	VINYL COMPOSITE TILE
VERT	VERTICAL
VFT	VINYL FLOOR TILE
W/	WITH
WC	WATER CLOSET
WD	WOOD
WDV	WOOD VENEER
WH	WATER HEATER
WMH	WALL MOUNTED HANDRAIL
WR	WATER RESISTANCE OR EXTERIOR WALL RECESS

PROJECT AND CODE INFORMATION

APPLICANT: COUNTY OF HAWAI'I, DEPARTMENT OF PARKS & RECREATION
LOCATION: PAHOA PARK, PAHOA VILLAGE, PUNA, HAWAI'I
PARCEL AREA: PAHOA PARK, PAHOA VILLAGE, PUNA, HAWAI'I
PROPOSED USE: PAHOA PARK, (PUBLIC USE).
TMK: 1-5-002:020

APPLICABLE CODES:
a. BUILDING CODE: 2006 IBC AND CHAPTER 5-BUILDING OF THE HAWAII COUNTY CODE, HAWAI'I ADMINISTRATIVE RULES, (HAR)
b. HAR, CHAPTER 26, FIRE CODE.
c. MECHANICAL CODE: 2006 INTERNATIONAL ENERGY CONSERVATION CODE, CHAPTER 5-BUILDING OF THE HAR AND DEPARTMENT OF HEALTH, STATE OF HAWAII, CHAPTER 39.
d. PLUMBING CODE: 2006 UNIFORM PLUMBING CODE AND HAR, CHAPTER 17.
e. ELECTRICAL CODE: 2008 NATIONAL ELECTRIC CODE AND HAR, CHAPTER 9.
f. 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN. 2

ZONING: SINGLE FAMILY RESIDENTIAL, (RS-10) AND AGRICULTURAL - 1 ACRE, (A-1a).

SITE AREA: 71.121 AC.

FLOOD ZONE: N/A

CLIMATE ZONE: ZONE 1

OCCUPANCY:
a. COVERED PLAY COURTS: A-3, B AND S-1.
b. CONCESSION BOOTH: B AND S-1.
c. COMFORT STATION: B AND S-1.
d. AUXILIARY STRUCTURES: A-5.

CONSTRUCTION TYPE:
a. COVERED PLAY COURTS: TYPE II-B.
b. CONCESSION BOOTH: TYPE V-B.
c. COMFORT STATION: TYPE V-B.
d. AUXILIARY STRUCTURES: TYPE V-B.

ALLOWABLE HEIGHT AND BUILDING AREAS, (TABLE 503 2006 IBC)
a. GROUP A-3, CONSTRUCTION TYPE II-B: (2) STORIES, 9,500 SF PER STORY X (2) STORIES = 19,000 SF TOTAL ALLOWABLE.
b. GROUP B, CONSTRUCTION TYPE V-B: (2) STORIES, 9,000 SF PER STORY X (2) STORIES = 18,000 SF TOTAL ALLOWABLE.
c. GROUP S-1, CONSTRUCTION TYPE V-B: (1) STORY, 9,000 SF PER STORY = 9,000 SF TOTAL ALLOWABLE.
d. ALLOWABLE INCREASES:
d.a. PER FOOTNOTE a, SECTION 504.2, (1) STORY INCREASE DUE TO AUTOMATIC SPRINKLER SYSTEM INSTALLATION.
d.b. PER FOOTNOTE a, SECTION 506.2, ALLOWABLE AREA INCREASE DUE TO STREET FRONTAGE.
d.c. PER FOOTNOTE a, SECTION 506.3, ALLOWABLE AREA INCREASE DUE TO AUTOMATIC SPRINKLER SYSTEM INSTALLATION.
d.d. PER FOOTNOTE a, SECTION 507, UNLIMITED AREA BUILDINGS. PER SECTION 507.6, GROUP A-3, TYPE II CONSTRUCTION, AREA NOT LIMITED IF CRITERIA MET.

FIRE-RESISTANCE REQUIREMENTS FOR BUILDING ELEMENTS, (TABLE 601 2006 IBC)
a. TYPE II-B, FIRE RESISTANCE RATING FOR STRUCTURAL FRAME, EXTERIOR AND INTERIOR BEARING WALLS, EXTERIOR AND INTERIOR NON-BEARING WALLS, FLOOR AND ROOF CONSTRUCTION, (0) HOUR RATING.
b. a. TYPE V-B, FIRE RESISTANCE RATING FOR STRUCTURAL FRAME, EXTERIOR AND INTERIOR BEARING WALLS, EXTERIOR AND INTERIOR NON-BEARING WALLS, FLOOR AND ROOF CONSTRUCTION, (0) HOUR RATING.

MAXIMUM AREA OF EXTERIOR WALL OPENINGS, (TABLE 704.8 2006 IBC)
a. PER FOOTNOTE i, UNLIMITED, UNPROTECTED OPENINGS PERMITTED IF FIRE SEPARATION GREATER THAN 5' AND EXTERIOR BEARING, NON-BEARING WALLS AND STRUCTURAL FRAME NOT REQUIRED TO BE FIRE-RESISTANCE RATED PER TABLE 601 OR 602.

SPRINKLERS:
a. INTERIOR: AUTOMATIC SPRINKLER SYSTEM PROVIDED.

PLAY COURT
OCCUPANCY CLASSIFICATION: MIXED
PLAY COURT AREA: A-3
CONCESSION AREA, OFFICE AND RESTROOMS: B
STORAGE, ELECTRICAL AND JANITOR ROOMS: S-1
AREA MODIFICATIONS
ALLOWABLE TABULAR ARE, At, (TABLE 503) = 1
AREA INCREASE FACTOR DUE TO FRONTAGE, If, (506.2) = .75
NORTH-39', EAST-112', SOUTH-93' AND WEST-129'
TOTAL FRONTAGE, (F) = 373'
PERIMETER, (P) = 373'
WIDTH OF OPEN SPACE, (W) = 30', (MAX. ALLOWABLE)
AREA INCREASE FACTOR DUE TO FRONTAGE, If, (506.2) = .75
AREA INCREASE FACTOR DUE TO AUTOMATIC SPRINKLERS, Is, (506.3) = 3
CONVERSION FACTOR = 4.75
ACTUAL BUILDING AREA = 31,829 SF
ADJUSTED BUILDING AREA, (ACTUAL BUILDING AREA/CONVERSION FACTOR) = 6,701 SF
ACTUAL BUILDING HEIGHT = 42'-2", (1) STORY
ALLOWABLE BUILDING HEIGHT = (2) STORY
TYPE OF CONSTRUCTION ASSUMED = TYPE II-B
ALLOWABLE AREA PER FLOOR, Aa
4.75, (CONVERSION FACTOR) X 9,500, (TABULAR AREA) = 45,125 SF
TOTAL FLOOR AREA, (ALL STORIES) = 31,829 SF
ALLOWABLE FLOOR AREA, (ALL FLOORS) = 45,125 SF X 2 STORIES = 90,250 SF
PLAY COURT BUILDING IN COMPLIANCE.

CONCESSION BOOTH
OCCUPANCY CLASSIFICATION: MIXED
CONCESSION AREA AND RESTROOMS: B
STORAGE, ELECTRICAL AND JANITOR ROOMS: S-1
ACTUAL BUILDING AREA = 1,605 SF
ACTUAL BUILDING HEIGHT = 22'-2", (1) STORY
ALLOWABLE BUILDING HEIGHT = (2) STORY
TYPE OF CONSTRUCTION ASSUMED = TYPE V-B
TOTAL FLOOR AREA, (ALL STORIES) = 1,605 SF
ALLOWABLE FLOOR AREA, (ALL FLOORS) = 9,000 SF X 2 STORIES = 18,000 SF
CONCESSION BOOTH BUILDING IN COMPLIANCE.

COMFORT STATION
OCCUPANCY CLASSIFICATION: MIXED
RESTROOMS: B
ELECTRICAL AND JANITOR ROOMS: S-1
ACTUAL BUILDING AREA = 859 SF
ACTUAL BUILDING HEIGHT = 19'-10", (1) STORY
ALLOWABLE BUILDING HEIGHT = (2) STORY
TYPE OF CONSTRUCTION ASSUMED = TYPE V-B
TOTAL FLOOR AREA, (ALL STORIES) = 859 SF
ALLOWABLE FLOOR AREA, (ALL FLOORS) = 9,000 SF X 2 STORIES = 18,000 SF
COMFORT STATION BUILDING IN COMPLIANCE.

CONSTRUCTION AND DEMOLITION NOTES

1. ALL CONSTRUCTION AND DEMOLITION PROJECTS SHALL INCLUDE A CONSTRUCTION WASTE MANAGEMENT PLAN. THE CONTRACTOR SHALL SUBMIT THE FOLLOWING TO OWNER REPRESENTATIVE: CONSTRUCTION WASTE MANAGEMENT PLAN.

ARCHEOLOGICAL NOTES

1. THE WORK IS LOCATED IN AN AREA WHERE ARCHEOLOGICAL REMAINS MAY BE ENCOUNTERED. NOTIFY OWNER REPRESENTATIVE IMMEDIATELY WHENEVER REMAINS SUCH AS STONE TOOLS, STONE WALLS, SHELL MIDDENS, CHARCOAL DEPOSITS, HUMAN BONES ARE DISCOVERED DURING CONSTRUCTION. NO PERSONNEL OTHER THAN THE ARCHEOLOGIST SHALL COLLECT ANY ARTIFACTS.

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND INFORM OWNER REPRESENTATIVE OF ANY DISCREPANCIES & CONFLICTS BEFORE PROCEEDING WITH WORK.
2. CONTRACTOR TO VERIFY ALL EXISTING SITE UTILITY INFRASTRUCTURE WITH OWNER REPRESENTATIVE PRIOR TO UTILITY REMOVAL.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE QUANTITY OF DEMOLITION, REPAIR AND REPLACEMENT WORK BEFORE SUBMITTING A BID.
4. ALL ITEMS SHOWN ARE NEW OR REPLACE WORK EXCEPT AS NOTED "EXISTING".
5. CONTRACTOR TO REMOVE ALL ITEMS AND MATERIALS IN SUCH A MANNER AS TO PREVENT DAMAGE TO REMAINING ITEMS, MATERIALS AND ADJACENT SURFACES. CONTRACTOR TO REPAIR ANY DAMAGES CAUSED BY REMOVAL AT NO ADDITIONAL COST TO THE OWNER.
6. THE CONTRACTOR SHALL REVIEW THE PROJECT FOR LONG LEAD ITEMS AND PROVIDE SPECIAL CONSIDERATION TO AVOID UNNECESSARY DELAYS TO THE COMPLETION OF THE PROJECT.
7. ALL AREAS EXPOSED AS A RESULT OF REMOVAL/DEMOLITION WORK SHALL BE PATCHED AND FINISHED TO MATCH ADJACENT SURFACES.
8. ALL WASTE MATERIALS SHALL BE PROMPTLY REMOVED AND DISPOSED OF OUTSIDE THE LIMITS OF PROJECT PROPERTY.
9. CONTRACTOR TO COORDINATE WORK WITH OTHER TRADES AVOIDING CONFLICTS & DELAYS.
10. IF CONTRACTOR OR SUBCONTRACTOR FIND ANY DISCREPANCIES OR AMBIGUITIES IN, OR OMISSIONS FROM THE DRAWINGS AND SPECIFICATIONS, CONTRACTOR SHALL NOTIFY OWNER REPRESENTATIVE AND ARCHITECT OF RECORD FOR CLARIFICATION.
11. CONTRACTOR SHALL EMPLOY NECESSARY MEANS TO PROTECT THE GENERAL PUBLIC AND PERSONNEL FROM INJURY AS A RESULT OF THE WORK INCLUDING, BUT NOT LIMITED TO, BARRICADES, SIGNAGE, OVERHEAD PROTECTION, ETC.
12. ALL EXISTING UTILITIES, WHETHER OR NOT SHOWN ON THE DRAWINGS, SHALL BE PROTECTED AT ALL TIMES BY THE CONTRACTOR DURING CONSTRUCTION. ANY DAMAGE TO THE EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
13. INFORMATION INDICATED ON THESE DRAWINGS HAS BEEN OBTAINED FROM A LIMITED AMOUNT OF FIELD INVESTIGATION AND AVAILABLE SOURCES AT THE TIME DRAWINGS WERE PREPARED. THE DRAWINGS RELATIVE TO EXISTING CONDITIONS IS GIVEN AS THE BEST PRESENT KNOWLEDGE. THE ACCURACY AND COMPLETENESS OF THIS INFORMATION IS NOT GUARANTEED. WHERE ACTUAL CONDITIONS CONFLICT WITH THE DRAWINGS SHALL BE REPORTED TO OWNER REPRESENTATIVE SO THAT PROPER REVISION CAN BE MADE. MODIFICATION OF DETAILS OF CONSTRUCTION SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE ARCHITECT OF RECORD.
14. DIMENSIONING CRITERIA:
14.1.1.1. STUD WALLS ARE DIMENSIONED FROM FACE-OF-FINISH UNLESS OTHERWISE NOTED, (U.O.N.)
14.1.1.2. STRUCTURAL WALLS ARE DIMENSIONED TO FACE OF STRUCTURE, U.O.N.
14.1.1.3. COLUMNS ARE DIMENSIONED TO CENTER OF COLUMN GRIDLINES, U.O.N.
14.1.1.4. DIMENSIONS NOTED AS "CLEAR" ARE CRITICAL MINIMUMS DIMENSIONED FROM FACE-OF-FINISH.
14.1.1.5. WALLS ARE DIMENSIONED FROM FACE-OF-WALL TO FACE-OF WALL. CABINETRY IS DIMENSIONED FOR OVERALL DEPTH, HEIGHT AND LENGTH OF UNITS.
15. THE CONTRACTOR SHALL REPORT IN WRITING ANY CONCEALED, UNSATISFACTORY, UNFORESEEN AND/OR DIMENSIONAL DISCREPANCIES CONDITIONS IMMEDIATELY FOR EVALUATION AND AUTHORIZATION FOR CORRECTIVE MEASURES TO OWNER REPRESENTATIVE. FAILURE TO COMPLY WITH THIS CONDITION MAY RESULT IN PLACING ALL RESPONSIBILITY, LIABILITY AND EXPENSE TO THE CONTRACTOR.
16. VERIFY PLAN DIMENSIONS WITH ACTUAL FIELD MEASUREMENTS. SCALING OF DRAWING MAY NOT BE ACCURATE.
17. DO NOT SCALE DRAWINGS: THE CONTRACTOR SHALL USE DIMENSIONS SHOWN ON THE DRAWINGS AND ACTUAL FIELD MEASUREMENT.
18. MANUFACTURED MATERIALS, EQUIPMENT, PRODUCTS SHALL BE INSTALLED BY THE MANUFACTURER'S RECOMMENDATIONS, INSTRUCTIONS AND ADAAG REQUIREMENTS AND GUIDELINES, U.O.N.
19. THIS PROJECT SHALL BE DESIGNED AND CONSTRUCTED TO CONFORM WITH THE AMERICAN WITH DISABILITIES ACT, ARCHITECTURAL BARRIERS ACT ACCESSIBILITY GUIDELINES, JULY 23 2004, AND FAIR HOUSING ACT.

WCITARCHITECTURE
726 KAPIOLANI BOULEVARD, SUITE C-400
HONOLULU, HAWAII 96813
PHONE (808) 592-2345
www.wcitarch.com
wci@wcitarch.com

ROBERT K. IOPA LICENSED PROFESSIONAL ARCHITECT No.6890 HAWAII, U.S.A.
Robert Iopa, AIA Exp. Date 4/30/2014
THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THE PROJECT WILL BE SUPERVISED BY A LICENSED ARCHITECT.
NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

MARK	DATE	DESCRIPTION
1	2014-04-10	ADD3-REVISED BUILDING NAME
2	2014-05-07	ADD6-REVISED ADA REFERENCE

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: GENERAL INFORMATION - GENERAL NOTES AND CODE INFORMATION

DESIGNED BY: OF
DRAWN BY: OF
CHECKED BY: SC
DATE: 2014-02-10

SHEET NO. GI002
OF #### SHEETS

PRINT DATE: 5 May 2014

DRAWING INDEX

SHEET NO	SHEET REF NO	DESCRIPTION OF DRAWINGS
06–PLUMBING		
2	M–G001	GENERAL MECHANICAL SPECIFICATIONS, SYMBOLS AND ABBREVIATIONS
	M–101	OVERALL MECHANICAL SITE PLAN
	M–PC201	VENTILATION PLAN – PLAY COURT
2	M–PC202	PARTIAL VENTILATION PLAN – PLAY COURT
2	P–101	OVERALL PLUMBING SITE PLAN
2	P–PC201	PLUMBING PLAN – PLAY COURT
	P–PC202	PARTIAL PLUMBING PLAN – PLAY COURT
	P–PC203	PIPING DIAGRAMS – PLAY COURT
	P–CB301	PLUMBING PLAN – CONCESSION BOOTH
	P–CB302	PIPING DIAGRAMS – CONCESSION BOOTH
	P–CS401	PLUMBING PLAN – COMFORT STATION
	P–CS402	PIPING DIAGRAMS – COMFORT STATION
07–ELECTRICAL		
	EGI001	ELECTRICAL COVER SHEET
	EGI002	ELECTRICAL DETAILS
	EGI003	ELECTRICAL LIGHTING FIXTURE DETAILS
	EGI004	ELECTRICAL BASEBALL FIELD LIGHTING DETAILS
	EGI005	ELECTRICAL MULTIPURPOSE FIELD LIGHTING DETAILS, CONTROL SYSTEM AND SCHEDULES
	EGI006	ELECTRICAL LIGHTING FIXTURE DETAILS
	EGI007	ELECTRICAL LIGHTING FIXTURE DETAILS
	EGI008	ELECTRICAL PULLBOX DETAILS
2	EGI009	ELECTRICAL TELECOM NOTES & DETAILS
2	E100	OVERALL ELECTRICAL SITE PLAN
	E101	OVERALL ELECTRICAL SITE PLAN – PULL BOXES
	E102	PARTIAL ELECTRICAL SITE PLAN
	E103	PARTIAL ELECTRICAL SITE PLAN
	E104	PARTIAL ELECTRICAL SITE PLAN
	E105	PARTIAL ELECTRICAL SITE PLAN
	E106	PARTIAL ELECTRICAL SITE PLAN
	ECB101	ENLARGED POWER PLAN – CONCESSION BOOTH
	ECB102	ENLARGED LIGHTING PLAN – CONCESSION BOOTH
	ECS101	ENLARGED ELECTRICAL PLAN – COMFORT STATION
	EPC101	ENLARGED POWER PLAN – PLAY COURT
	EPC102	ENLARGED LIGHTING PLAN – PLAY COURT
2	EPC103	EXTERIOR ELECTRICAL ELEVATION – PLAY COURT
	E501	ELECTRICAL SINGLE LINE DIAGRAM
	E502	PLAY COURT LIGHTING CONTROL AND FIRE RISER DIAGRAM
	E601	ELECTRICAL PANEL SCHEDULES

SHEET NO	SHEET REF NO	DESCRIPTION OF DRAWINGS
04–ARCHITECTURAL CONTINUED		
	CS101	COMFORT STATION – FLOOR AND REFLECTED CEILING PLANS
	CS102	COMFORT STATION – SLAB EDGE PLAN
2	CS103	COMFORT STATION – CLERESTORY AND ROOF PLANS
	CS201	COMFORT STATION – EXTERIOR BUILDING ELEVATIONS
2	CS202	COMFORT STATION – EXTERIOR BUILDING ELEVATIONS
	CS301	COMFORT STATION – BUILDING SECTIONS
2	CS302	COMFORT STATION – BUILDING SECTIONS
	CS401	COMFORT STATION – INTERIOR ELEVATIONS
2	CS402	COMFORT STATION – INTERIOR ELEVATIONS
	AX101	AUXILIARY BUILDINGS – DUGOUT – FLOOR PLAN, EXTERIOR BUILDING ELEVATIONS AND SECTIONS
	A–501	SCHEDULES – DOOR
	A–502	SCHEDULES – WINDOW
2	A–503	DETAILS – DOOR
	A–504	DETAILS – DOOR
	A–505	DETAILS – WINDOW
	A–506	DETAILS – LOUVER
2	A–507	DETAILS – WALL TYPES
2	A–508	MISCELLANEOUS DETAILS
05–STRUCTURAL		
	S–CB001	CONCESSION BOOTH – STRUCTURAL NOTES
	S–CB002	CONCESSION BOOTH – STRUCTURAL NOTES
	S–CB101	CONCESSION BOOTH – FOUNDATION PLAN
2	S–CB102	CONCESSION BOOTH – ROOF PLAN
	S–CB201	CONCESSION BOOTH – BUILDING SECTIONS
2	S–CB301	CONCESSION BOOTH – STRUCTURAL DETAILS
	S–CB302	CONCESSION BOOTH – STRUCTURAL DETAILS
	S–CB303	CONCESSION BOOTH – STRUCTURAL DETAILS
	S–CS001	COMFORT STATION – STRUCTURAL NOTES
	S–CS002	COMFORT STATION – STRUCTURAL NOTES
	S–CS101	COMFORT STATION – FOUNDATION PLAN
2	S–CS102	COMFORT STATION – ROOF PLAN
	S–CS201	COMFORT STATION – BUILDING SECTIONS
2	S–CS301	COMFORT STATION – STRUCTURAL DETAILS
	S–CS302	COMFORT STATION – STRUCTURAL DETAILS
	S–CS303	COMFORT STATION – STRUCTURAL DETAILS
	S–PC001	COVERED PLAYCOURT STRUCTURAL NOTES
2	S–PC002	COVERED PLAYCOURT STRUCTURAL ABBREVIATIONS
	S–PC101	COVERED PLAYCOURT FOUNDATION PLAN
2	S–PC102	COVERED PLAYCOURT ROOF FRAMING PLAN
	S–PC201	COVERED PLAYCOURT PARTIAL CEILING FRAMING PLAN AND BUILDING SECTION
	S–PC202	COVERED PLAYCOURT BUILDING SECTIONS
2	S–PC203	COVERED PLAYCOURT BUILDING SECTION
	S–PC301	COVERED PLAYCOURT STRUCTURAL DETAILS
	S–PC302	COVERED PLAYCOURT STRUCTURAL DETAILS
	S–PC303	COVERED PLAYCOURT STRUCTURAL DETAILS
	S–AX001	DUGOUT – STRUCTURAL NOTES
	S–AX101	DUGOUT – FOUNDATION AND ROOF PLANS
	S–AX201	DUGOUT – STRUCTURAL DETAILS
2	S–AX202	DUGOUT – STRUCTURAL DETAILS

SHEET NO	SHEET REF NO	DESCRIPTION OF DRAWINGS
02–LANDSCAPE ARCHITECTURE		
	L–101	LANDSCAPE PLANTING PLAN
	L–102	LANDSCAPE PLANTING PLAN
2	L–103	LANDSCAPE PLANTING PLAN
	L–104	LANDSCAPE PLANTING PLAN
	L–105	LANDSCAPE PLANTING PLAN
	L–106	PLANT LIST, DETAILS & NOTES
2	L–107	PLAYGROUND EQUIPMENT & DETAILS
03–FIRE SPRINKLER		
	FS–G001	FIRE SPRINKLER NOTES, SYMBOLS AND BRACING
	FS–PC101	FIRE SPRINKLER PLAN – PLAYCOURT
2	FS–PC201	DETAILS
04–ARCHITECTURAL		
	A–001	SITE – SITE PLAN
	A–002	SITE – SITE SECTION – LONGITUDINAL
	A–003	SITE – SITE SECTION – LONGITUDINAL
	A–004	SITE – SITE SECTION – TRANSVERSE
2	A–005	SITE – SITE SECTION – TRANSVERSE
	PC001	PLAY COURT – LIFE SAFETY PLAN
	PC101	PLAY COURT – FLOOR PLAN
	PC102	PLAY COURT – REFLECTED CEILING PLAN
	PC103	PLAY COURT – SLAB EDGE PLAN
	PC104	PLAY COURT – CLERESTORY PLAN
2	PC105	PLAY COURT – ROOF PLAN
	PC201	PLAY COURT – EXTERIOR BUILDING ELEVATIONS
	PC202	PLAY COURT – EXTERIOR BUILDING ELEVATIONS
	PC301	PLAY COURT – BUILDING SECTIONS
2	PC302	PLAY COURT – BUILDING SECTIONS
2	PC401	PLAY COURT – ENLARGED FLOOR PLANS
	PC402	PLAY COURT – ENLARGED FLOOR PLANS – CONCESSION AND RESTROOMS
	PC403	PLAY COURT – ELNARGED SLAB EDGE PLAN
2	PC404	PLAY COURT – INTERIOR ELEVATIONS
	PC405	PLAY COURT – INTERIOR ELEVATIONS – RESTROOMS
	PC501	PLAY COURT – COURT MARKING
	PC510	PLAY COURT – GENERAL DETAILS
	PC511	PLAY COURT – COURT DETAILS
2	PC512	PLAY COURT – GENERAL DETAILS
	PC513	PLAY COURT – FENCING DETAILS
	PC514	PLAY COURT – FENCING DETAILS
2	PC515	PLAY COURT – GENERAL DETAILS
	PC601	PLAY COURT – WALL SECTIONS
	PC602	PLAY COURT – WALL SECTIONS
	CB101	CONCESSION BOOTH – FLOOR PLAN
	CB102	CONCESSION BOOTH – REFLECTED CEILING PLAN
	CB103	CONCESSION BOOTH – SLAB EDGE PLAN
	CB104	CONCESSION BOOTH – CLERESTORY PLAN
2	CB105	CONCESSION BOOTH – ROOF PLAN
2	CB201	CONCESSION BOOTH – EXTERIOR BUILDING ELEVATIONS
2	CB301	CONCESSION BOOTH – BUILDING SECTIONS
	CB401	CONCESSION BOOTH – INTERIOR ELEVATIONS
2	CB402	CONCESSION BOOTH – INTERIOR ELEVATIONS
	CB601	CONCESSION BOOTH – WALL SECTIONS

SHEET NO	SHEET REF NO	DESCRIPTION OF DRAWINGS
00–GENERAL		
	GI001	GENERAL INFORMATION – TITLE SHEET
	GI002	GENERAL INFORMATION – GENERAL NOTES AND CODE INFORMATION
	GI003	GENERAL INFORMATION – DRAWING INDEX
	G–001	GENERAL – ROOM FINISH SCHEDULE
	G–002	GENERAL – AREA CALCULATIONS AND OCCUPANCY LOADS
	G–401	GENERAL – MOUNTING HEIGHTS AND ADAAG COMPLIANCE
01–CIVIL		
	C–001	CIVIL NOTES
2	C–002	CIVIL NOTES
	C–003	CIVIL DETAILS
	C–004	CIVIL DETAILS
	C–005	CIVIL DETAILS
	C–006	CIVIL DETAILS
	C–007	CIVIL DETAILS
	C–008	CIVIL DETAILS
	C–009	CIVIL DETAILS
	C–010	CIVIL DETAILS
	C–011	CIVIL DETAILS
	C–012	CIVIL DETAILS
2	C–013	CIVIL DETAILS
	C–101	CIVIL OVERALL SITE PLAN
	C–102	CIVIL PARTIAL SITE PLAN
	C–103	CIVIL PARTIAL SITE PLAN
	C–104	CIVIL PARTIAL SITE PLAN
	C–105	CIVIL PARTIAL SITE PLAN
	C–106	CIVIL PARTIAL SITE PLAN
	C–107	CIVIL PARTIAL SITE PLAN
	C–108	CIVIL INSET SITE PLAN
	C–109	CIVIL INSET SITE PLAN
	C–110	CIVIL PARTIAL SITE PLAN–DEDUCTIVE ALTERNATE #6–OMIT NEW PARKING
	C–111	CIVIL PARTIAL SITE PLAN–DEDUCTIVE ALT #7–OMIT NEW PARKING & ACCESS ROAD
2	C–112	CIVIL PARTIAL SITE PLAN–DEDUCTIVE ALT #7–OMIT NEW PARKING & ACCESS ROAD
	C–201	CIVIL OVERALL UTILITY PLAN
	C–202	CIVIL PARTIAL UTILITY PLAN
	C–203	CIVIL PARTIAL UTILITY PLAN
	C–204	CIVIL PARTIAL UTILITY PLAN
	C–205	CIVIL PARTIAL UTILITY PLAN
	C–206	CIVIL PARTIAL UTILITY PLAN
	C–207	CIVIL PARTIAL UTILITY PLAN
	C–208	CIVIL I.W.S. PLAN
	C–209	CIVIL I.W.S. PLAN
2	C–210	FIRE LINE PLAN AND PROFILE
	C–301	CIVIL OVERALL GRADING PLAN
	C–302	CIVIL PARTIAL GRADING PLAN
	C–303	CIVIL PARTIAL GRADING PLAN
	C–304	CIVIL PARTIAL GRADING PLAN
	C–305	CIVIL PARTIAL GRADING PLAN
	C–306	CIVIL PARTIAL GRADING PLAN
	C–307	CIVIL PARTIAL GRADING PLAN
	C–308	CIVIL RETAINING WALL PLAN AND PROFILES
	C–401	PARK ACCESS ROAD PLAN AND PROFILE STA 10+00 TO STA 14+50
	C–402	PARK ACCESS ROAD PLAN AND PROFILE STA 14+50 TO STA 18+50
	C–403	PARK ACCESS ROAD PLAN AND PROFILE STA 18+50 TO STA 22+50
	C–404	PARK ACCESS ROAD PLAN AND PROFILE STA 22+50 TO STA 26+50
2	C–405	PARK ACCESS ROAD PLAN AND PROFILE STA 26+50 TO END
	C–500	SSCBMP NOTES
	C–501	PARTIAL SSCBMP PLAN
	C–502	PARTIAL SSCBMP PLAN
	C–503	PARTIAL SSCBMP PLAN
	C–504	PARTIAL SSCBMP PLAN
	C–505	PARTIAL SSCBMP PLAN
	C–506	PARTIAL SSCBMP PLAN
2	C–507	SSCBMP DETAILS

WCITARCHITECTURE
726 KAPIOLANI BOULEVARD, SUITE C-400
HONOLULU, HAWAII 96813
PHONE (808) 592-2345
www.wcitarch.com
wcit@wcitarch.com

ROBERT K. IOPA LICENSED PROFESSIONAL ARCHITECT No.6890 HAWAII, U.S.A.

Robert Iopa, AIA — Exp. Date 4/30/2014

THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THE PROJECT WILL BE SUPERVISED BY A LICENSED ARCHITECT.

NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB SITE BEFORE PROCEEDING WITH WORK.

MARK	DATE	DESCRIPTION
1	2014-04-10	ADD3–REVISED INDEX
2	2014-05-07	ADD6–REVISED INDEX

REVIEWED: DEPARTMENT OF PARKS AND RECREATION — DATE

COUNTY OF HAWAII
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: GENERAL INFORMATION - DRAWING INDEX

DESIGNED BY: DF
DRAWN BY: DF
CHECKED BY: SC

SHEET NO. GI003

OF #### SHEETS

DATE: 2014–02–10

PRINT DATE: 7 May 2014

FINISH LEGEND

XXX-#

ACT-1	ACOUSTICAL CEILING TILE: 24"x48" TEGULAR, (WHITE).
CF-1	CONCRETE FLOOR; SEALED
CMU-1	CONCRETE MASONRY UNIT: 8"X16"X8" RUNNING BOND PATTERN, PAINT FINISH, (PT-2).
CMU-2	CONCRETE MASONRY UNIT: 8"X16"X8" STACKED BOND PATTERN, PAINT FINISH, (PT-3).
CMU-3	CONCRETE MASONRY UNIT: 8"X16"X4" SCREEN BLOCK, (TILECO #314), PAINT FINISH, (PT-3).
CMU-4	CONCRETE MASONRY UNIT: 8"X16"X6", PAINT FINISH (PT-3).
FNC-1	CHAINLINK FENCE FABRIC MEXH.
FNC-2	EXPANDED METAL SCREEN PANEL.
FRP-1	FIBERGLASS REINFORCED PANEL: PEBBLED SURFACE, (WHITE PANELS AND TRIMS).
GWB-1	GYPSUM WALL BOARD: ABUSE RESISTANT
GWB-2	GYPSUM WALL BOARD: MOISTURE RESISTANT
LVR-1	LOUVER: 4" STORM RESISTANT, (CUSTOM COLOR TO MATCH PT-2).
MP-1	CORRUGATED METAL PANEL SIDING AND TRIMS OVER WATERPROOF MEMBRANE ON PLYWOOD SHEATHING, (CUSTOM COLOR TO MATCH PT-4).
MP-2	CORRUGATED METAL PANEL SIDING AND TRIMS OVER FRAMING, (CUSTOM COLOR TO MATCH PT-4).
MT-1	MOSAIC TILE: 2"x1" THRU BODY COLOR WITH STRAIGHT JOINTS, BLEND (DALTILE KEYSTONES 50%, DESERT GREY, 25% CYPRESS, 25% PEPPER WHITE). COVE BASE AND BULLNOSE TILES AT OUTSIDE CORNERS.
PT-1	PAINT: SHERWIN WILLIAMS 7005 "PURE WHITE"
PT-2	PAINT: SHERWIN WILLIAMS 6198 "SENSIBLE HUE"
PT-3	PAINT: SHERWIN WILLIAMS 6199 "RARE GRAY"
PT-4	PAINT: SHERWIN WILLIAMS 6193 "PRIVILEGE GREEN"
RAF-1	RESILIENT ATHLETIC FLOORING
RB-1	RUBBER BASE: 4" STANDARD TOE, (ROPPE 150 "DARK GRAY").
RF-1	ROOF: INSULATED METAL STANDING SEAL PANEL SYSTEM AND TRIMS OVER WATERPROOF MEMBRANE ON PLYWOOD SHEATHING, (CUSTOM COLOR TO MATCH PT-4).
RF-2	ROOF: INSULATED METAL STANDING SEAL PANEL SYSTEM AND TRIMS OVER FRAMING, (CUSTOM COLOR TO MATCH PT-4).
RS-1	RESILIENT TILE FLOORING: VINYL COMPOSITION TILE 12"X12", (FORTRESS ELEMENT "PEBBLE" FE-2030).
WDW-1	WINDOW WALL: STANDARD 4'-0" WIDE TRANSLUCENT VERTI-KAL WALL PANEL WITH 8" CELLS, (WHITE), AND MULLIONS, (CUSTOM COLOR TO MATCH PT-2).

ROOM FINISH REMARKS KEY

1. OPEN TO STRUCTURE ABOVE.
2. 4'-0" FRP-1 WAINSCOT.
3. WINDOW TREATMENTS.
4. SEE INTERIOR ELEVATIONS FOR FINISH EXTENTS.
5. SEE RCP FOR CEILING FINISH EXTENTS.

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				FINISH LEVEL	REMARKS
	COVERED PLAY COURTS, (PC)			A	B	C	D	2	
.	PC – COVERED COURT AREA	RAF-1	.	PT-1	PT-1	PT-1	PT-1	.	.
.	PC – CONCESSION PREP	CF-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	4	.
.	PC – MEN RESTROOM	CF-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	4	.
.	PC – WOMEN RESTROOM	CF-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	4	.
.	PC – JANITOR CLOSET	CF-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	3	.
.	PC – PLUMBING CHASE	CF-1	.	PT-2	PT-2	PT-2	PT-2	3	.
.	PC – OFFICE	RS-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	4	(3) BLINDS; STC 50
.	PC – STORAGE 1	CF-1	.	PT-2/GWB-1	PT-2/GWB-1	PT-2	PT-2	3	(2) ALL SIDES
.	PC – STORAGE 2	CF-1	.	PT-2	PT-2/GWB-1	PT-2/GWB-1	PT-2/GWB-1	3	(2) ALL SIDES
.	PC – STORAGE 3	CF-1	.	PT-2/GWB-1	PT-2/GWB-1	PT-2	PT-2/GWB-1	3	(2) ALL SIDES
.	PC – STORAGE 4	CF-1	.	PT-2	PT-2/GWB-1	PT-2/GWB-1	PT-2/GWB-1	3	(2) ALL SIDES
.	PC – STORAGE 5	CF-1	.	PT-2/GWB-1	PT-2/GWB-1	PT-2	PT-2/GWB-1	3	(2) ALL SIDES
.	PC – STORAGE 6	CF-1	.	PT-2	PT-2/GWB-1	PT-2/GWB-1	PT-2/GWB-1	3	(2) ALL SIDES
.	PC – ELECTRICAL ROOM	CF-1	.	PT-2	PT-2	PT-2	PT-2	3	.
.	PC – RISER CLOSET	CF-1	.	PT-2	PT-2	PT-2	PT-2	3	.
	CONCESSION BOOTH, (CB)								
.	CB – FAMILY RESTROOM	CF-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	4	.
.	CB – MEN RESTROOM	CF-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	4	.
.	CB – WOMEN RESTROOM	CF-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	4	.
.	CB – STORAGE/JANITOR CLOSET	CF-1	.	PT-2	PT-2	PT-2	PT-2	3	(2) ALL SIDES
.	CB – PLUMBING CHASE	CF-1	.	PT-2	PT-2	PT-2	PT-2	3	.
.	CB – ELECTRICAL ROOM	CF-1	.	PT-2	PT-2	PT-2	PT-2	3	.
.	CB – CONCESSION PREP	CF-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	4	(2) ALL SIDES
	COMFORT STATION, (CS)								
.	CS – MEN RESTROOM	CF-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	4	.
.	CS – WOMEN RESTROOM	CF-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	4	.
.	CS – JANITOR CLOSET	CF-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	3	.
.	CS – PLUMBING CHASE	CF-1		PT-2	PT-2	PT-2	PT-2	3	1

WCITARCHITECTURE
726 KAPIOLANI BOULEVARD, SUITE C-400
HONOLULU, HAWAII 96813
PHONE (808) 592-2345
www.wcitarch.com
wci@wcitarch.com

ROBERT K. IOPA LICENSED PROFESSIONAL ARCHITECT No.6890 HAWAII, U.S.A.

Robert Iopa, AIA — Exp. Date 4/30/2014

THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THE PROJECT WILL BE OBSERVED BY ME OR MY DESIGNEE.

NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB SITE BEFORE PROCEEDING WITH WORK.

MARK	DATE	DESCRIPTION
1	2014-04-10	ADD3-PT-2 CLARIFICATION
2	2014-05-07	ADD6-REVISED INDEX

REVIEWED: DATE

DEPARTMENT OF PARKS AND RECREATION

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: GENERAL - ROOM FINISH SCHEDULE

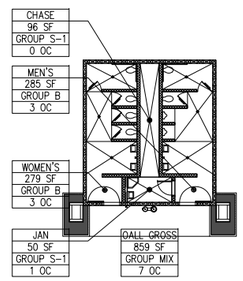
DESIGNED BY: OF
DRAWN BY: OF
CHECKED BY: SC

SHEET NO. G-001

OF #### SHEETS

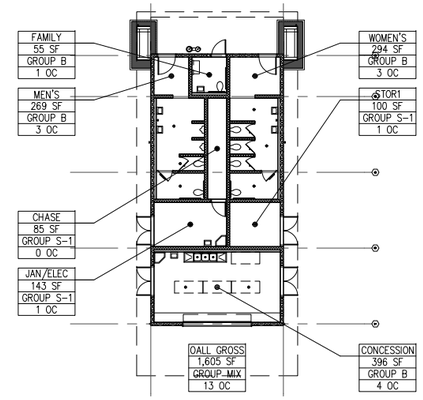
DATE: 2014-02-10

PRINT DATE: 5 May 2014



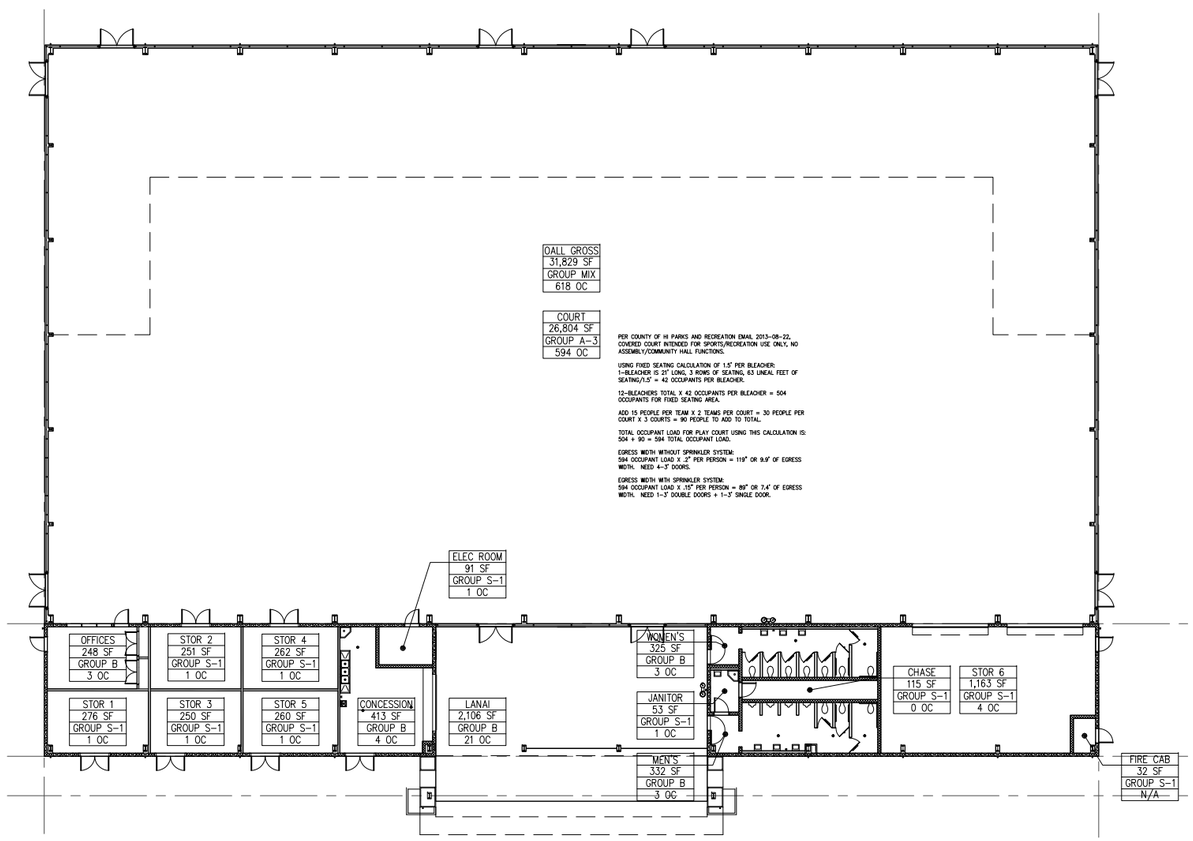
AREA CALC - COMFORT STATION (C3)

1" = 16'



AREA CALC - CONCESSION BOOTH (C2)

1" = 16'



PER COUNTY OF HI PARKS AND RECREATION EMAIL 2013-08-22, COVERED COURT INTENDED FOR SPORTS/RECREATION USE ONLY, NO ASSEMBLY/COMMUNITY HALL FUNCTIONS.

USING FIXED SEATING CALCULATION OF 1.5' PER BLEACHER: 1-BLEACHER IS 21' LONG, 3 ROWS OF SEATING, 63 LINEAL FEET OF SEATING/1.5' = 42 OCCUPANTS PER BLEACHER.

12-BLEACHERS TOTAL X 42 OCCUPANTS PER BLEACHER = 504 OCCUPANTS FOR FIXED SEATING AREA.

ADD 15 PEOPLE PER TEAM X 2 TEAMS PER COURT = 30 PEOPLE PER COURT X 3 COURTS = 90 PEOPLE TO ADD TO TOTAL.

TOTAL OCCUPANT LOAD FOR PLAY COURT USING THIS CALCULATION IS: 504 + 90 = 594 TOTAL OCCUPANT LOAD.

EGRESS WIDTH WITHOUT SPRINKLER SYSTEM:
594 OCCUPANT LOAD X .2" PER PERSON = 119" OR 9.9' OF EGRESS WIDTH. NEED 4-3' DOORS.

EGRESS WIDTH WITH SPRINKLER SYSTEM:
594 OCCUPANT LOAD X .15" PER PERSON = 89" OR 7.4' OF EGRESS WIDTH. NEED 1-3' DOUBLE DOORS + 1-3' SINGLE DOOR.

AREA CALC - PLAY COURT (A2)

1" = 16'

OCCUPANCY TABLE

BUILDING AND ROOM NAME	AREA S.F.	OCCUPANCY	OCCUPANT LOAD	NOTES
PC – PLAY COURT				
PLAY COURT AREA	26,804 SF	A-3	504	42 OCC. PER BLEACH X 12 BLEACH=504 OCC.
OTHER OCC LOAD	N/A	A-3	90	ADD FOR TEAMS
CONCESSION PREP	413 SF	B	4	3 CMPRT SINK, 1-HAND WASH, 1-MOP SINK
ELECTRICAL ROOM	91 SF	S-1	1	–
OFFICES	248 SF	B	3	–
WOMEN RESTROOM	325 SF	B	3	7-WC, 3-LAV
MEN RESTROOM	332 SF	B	3	3-WC, 4-UR, 3-LAV
JANITOR ROOM	53 SF	S-1	1	1-LAV, 1-MOP SINK
STORAGE ROOMS	2,462 SF	S-1	9	6-STOR, MIN 1 OCC PER
COVERED LANAI	2,106 SF	B	21	ACCESSORY USE TO COVERED PLAYCOURT
TOTALS	30,823 SF		639	NET AREA; COVERED LANAI SF NOT INCLUDED.
OVERALL GROSS	31,829 SF			COVERED LANAI SF NOT INCLUDED.
CB – CONCESSION BOOTH				
CONCESSION PREP	396 SF	B	4	3 CMPRT SINK, 1-HAND WASH, 1-MOP SINK
JANITOR/ELEC ROOM	143 SF	S-1	1	1-LAV, 1-MOP SINK
WOMEN RESTROOM	294 SF	B	3	4-WC, 2-LAV
MEN RESTROOM	269 SF	B	3	2-WC, 2-UR, 2-LAV
FAMILY ROOM	55 SF	B	1	1-WC, 1-LAV, CHANGING
STORAGE ROOM	100 SF	S-1	1	MIN 1 OCC PER
TOTALS	1,257 SF		13	NET AREA
OVERALL GROSS	1,605 SF			
CS – COMFORT STATION				
WOMEN RESTROOM	279 SF	B	3	4-WC, 2-LAV
MEN RESTROOM	285 SF	B	3	2-WC, 2-UR, 2-LAV
JANITOR ROOM	50 SF	S-1	1	1-LAV, 1-MOP SINK
TOTALS	614 SF		7	NET AREA
OVERALL GROSS	859 SF			

WCITARCHITECTURE
726 KAPIOLANI BOULEVARD, SUITE C-400
HONOLULU, HAWAII 96813
PHONE (808) 592-2345
www.wcitarch.com
wci@wcitarch.com

ROBERT K. IOPA LICENSED PROFESSIONAL ARCHITECT No.6890 HAWAII, U.S.A.

Robert Iopa, AIA — 4/30/2014 — Exp. Date

THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THE PROJECT WILL BE SUPERVISED BY A LICENSED ARCHITECT.

NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB SITE PRIOR TO PROCEEDING WITH WORK.

MARK	DATE	DESCRIPTION
1	2014-04-10	ADD3-UPDATED OCCUPANCY TABLE
2	2014-05-07	ADD6-REVISED FIXTURE COUNT

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: GENERAL - AREA CALCULATIONS AND OCCUPANCY LOADS

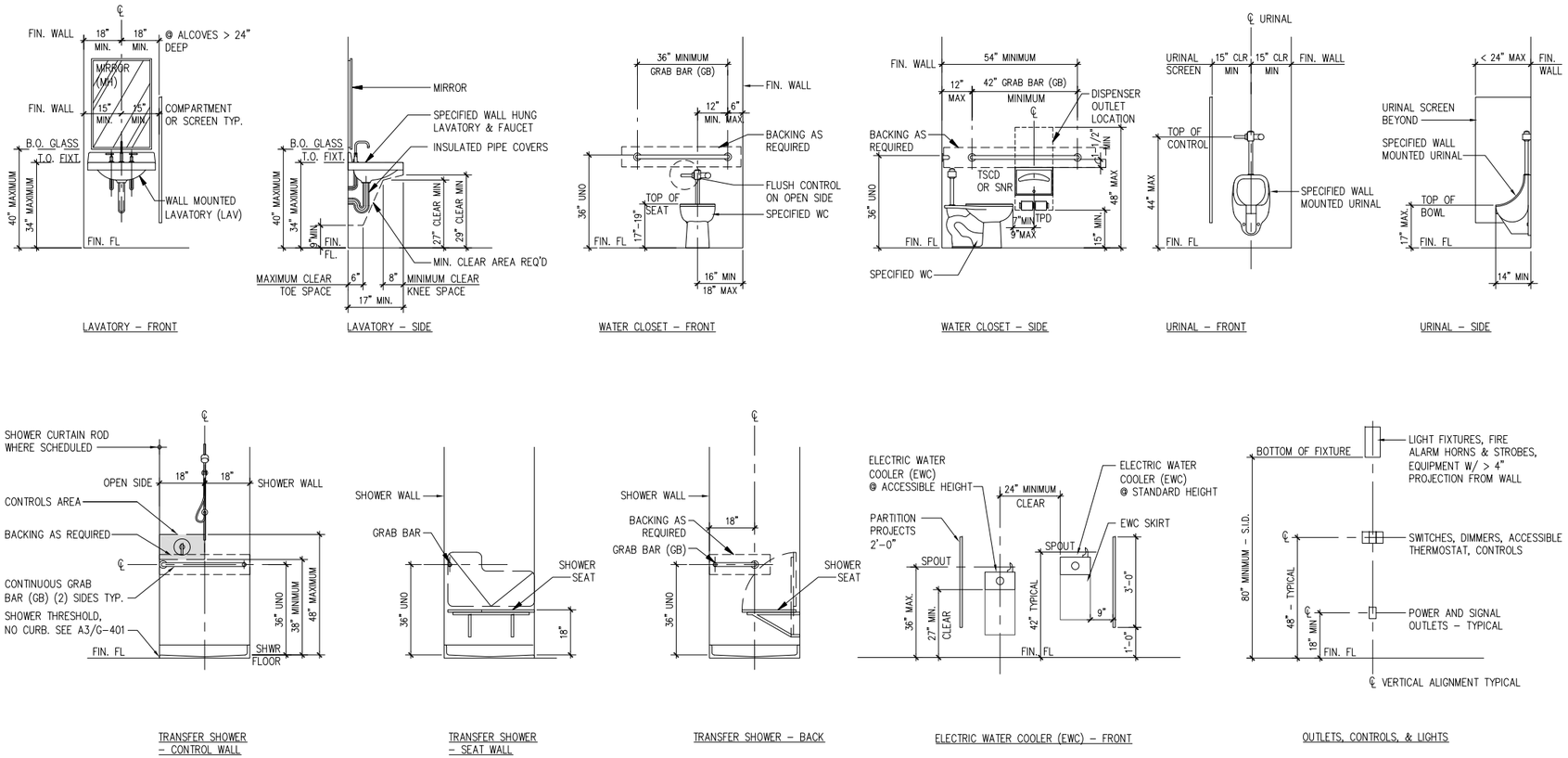
DESIGNED BY: DF
DRAWN BY: DF
CHECKED BY: SC

SHEET NO. G-002

OF #### SHEETS

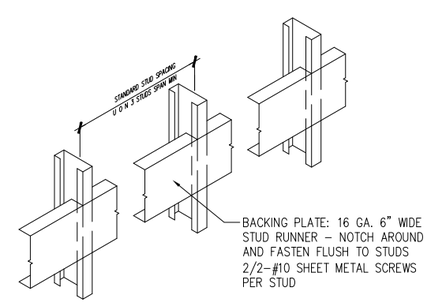
DATE: 2014-02-10

PRINT DATE: 5 May 2014



TYPICAL AND ACCESSIBLE MOUNTING HEIGHTS (B2)

SCALE: N.T.S.



BACKING PLATE DETAIL (A2)

SCALE: N.T.S.

GENERAL NOTES

1. DRAWINGS AND ELEVATIONS ARE PROVIDED FOR COORDINATION OF INSTALLATION PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN. 2
2. SEE INTERIOR ELEVATIONS, INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FINISHES, CASEWORK, TRIM, SPECIFICATIONS & EQUIPMENT, AND PROJECT SPECIFIC INSTALLATIONS INCLUDING FIXTURES AND ACCESSORIES NOT COVERED BY 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.

WCITARCHITECTURE
726 KAPIOLANI BOULEVARD, SUITE C-400
HONOLULU, HAWAII 96813
PHONE (808) 592-2345
www.wcitarch.com
wci@wcitarch.com

ROBERT K. IOPA LICENSED PROFESSIONAL ARCHITECT No.6890 HAWAII, U.S.A.

Robert Iopa, AIA — 4/30/2014 — Exp. Date

THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THE PROJECT WILL BE SUPERVISED BY A LICENSED ARCHITECT.

NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB SITE PRIOR TO PROCEEDING WITH WORK.

MARK	DATE	DESCRIPTION
2	2014-05-07	ADDG-REVISED INDEX

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: GENERAL - MOUNTING HEIGHTS AND ADAAG COMPLIANCE

DESIGNED BY: DF
DRAWN BY: DF
CHECKED BY: SC

SHEET NO. G-401

OF #### SHEETS

DATE: 2014-02-10

PRINT DATE: 5 May 2014