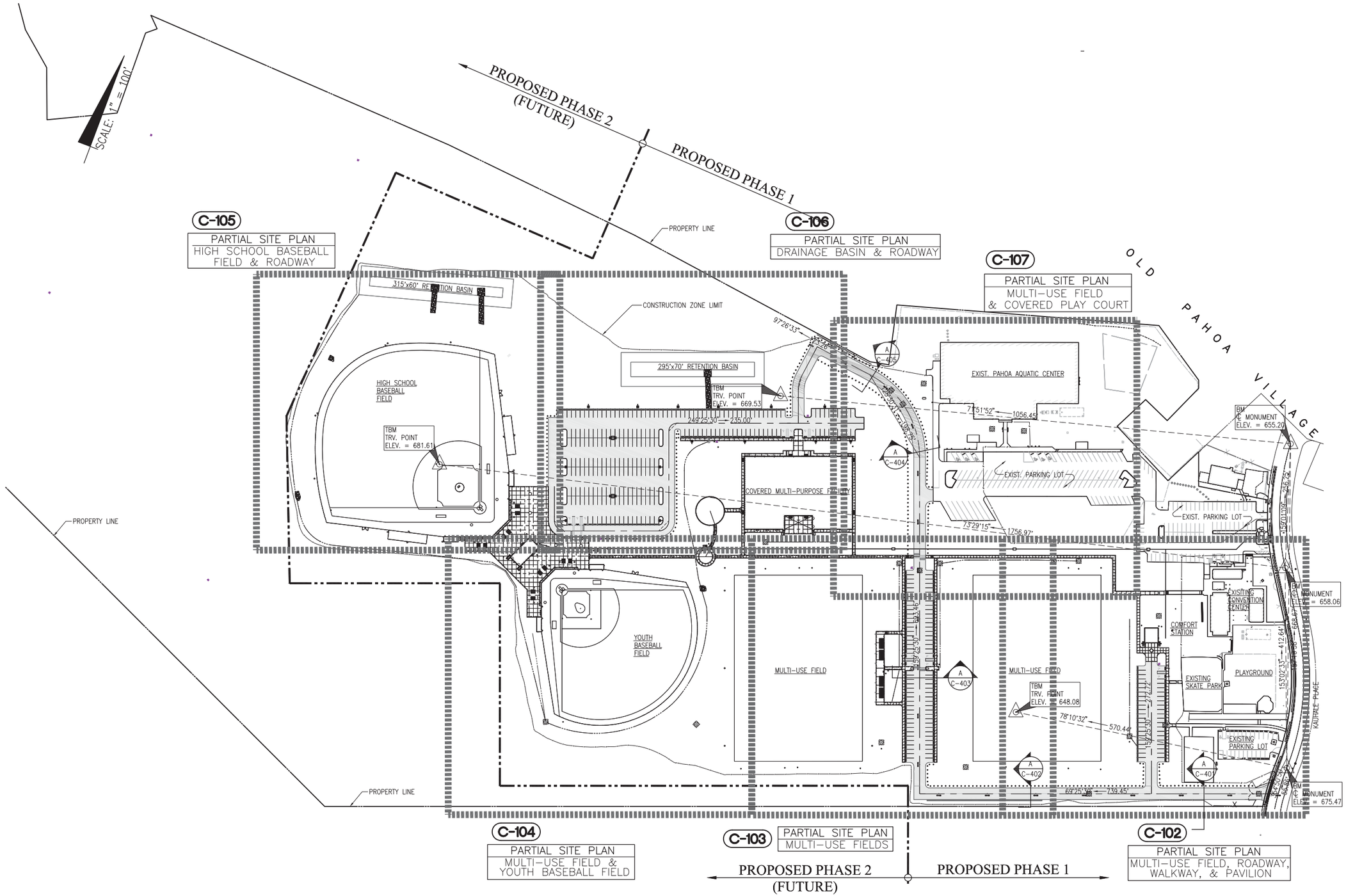


A **OVERALL SITE PLAN**
SCALE: 1" = 100'
0 100' 200'

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

FENG WEN FANG
LICENSED PROFESSIONAL ENGINEER
Exp. 04/30/16
No. 9361-C
HAWAII, U.S.A.
SIGNATURE

MARK	DATE	DESCRIPTION
1	4/10/14	MULTIPLE CHANGES TO SHEET
2	5/07/14	MULTIPLE CHANGES TO SHEET
3		

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

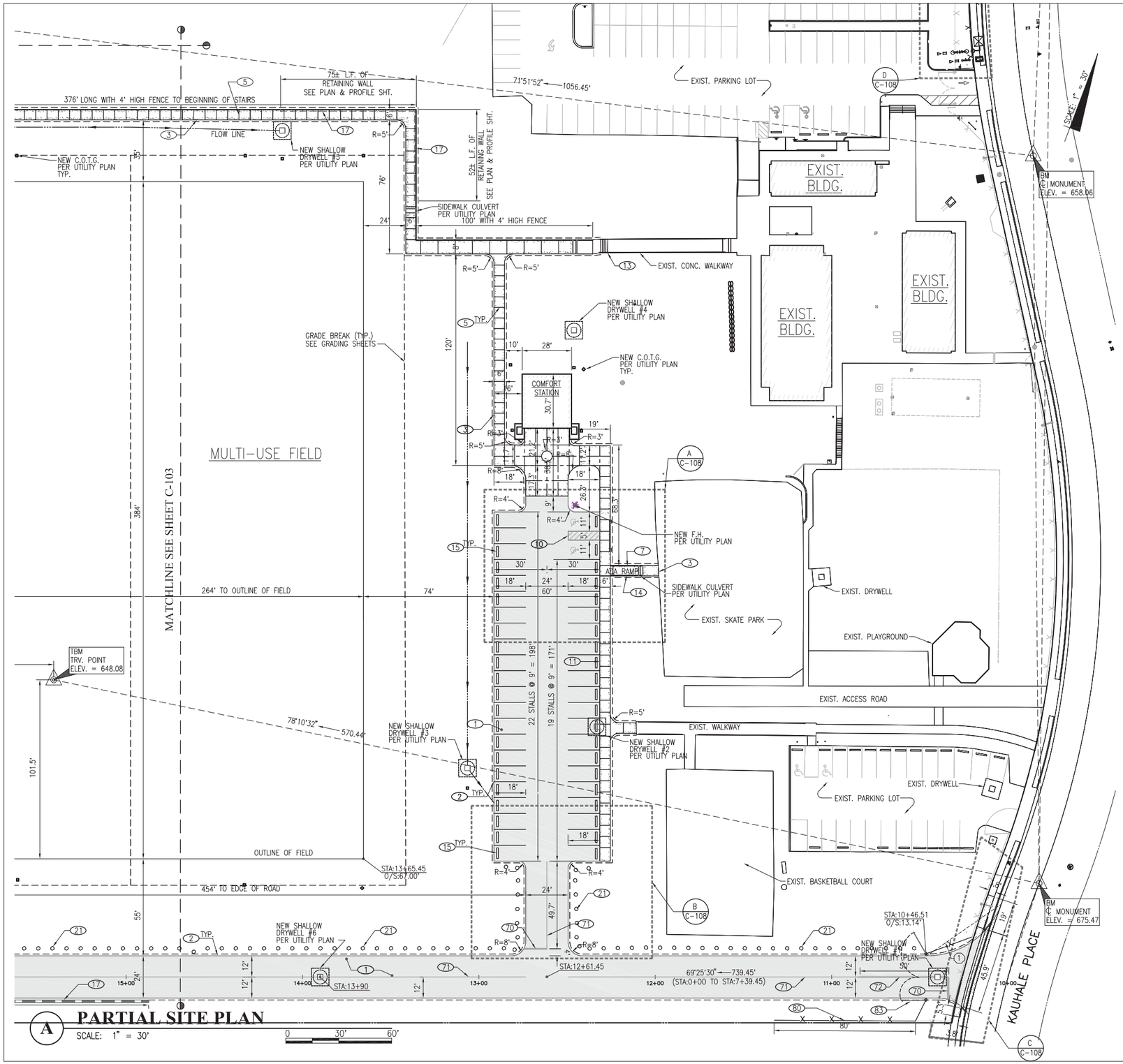
PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

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

PLAN SHEET DESCRIPTION: CIVIL OVERALL SITE PLAN

DESIGNED BY: OH
DRAWN BY: OH
CHECKED BY: YWF
DATE: 2014-02-10

SHEET NO. C-101
3 OF SHEETS



PARTIAL SITE PLAN

SCALE: 1" = 30'

CURVE DATA					
MARK	R	Lc	Δ	T	DESC.
1	45'	51.4'	69°39'33"	31.31'	DRIVEWAY ENTRY

PAV'T CONSTRUCTION NOTES

1	CONSTRUCT 2" COUNTY MIX 3 A.C. PAV'T / 4" A.B. / 6" SUB-BASE PER DET.	8/C-008
2	CONSTRUCT A.C. PAV'T EDGE PER DET.	9/C-008
3	CONSTRUCT 4" THICK CONC. WALK AND RAMP PER DET.	3/C-007
5	CONSTRUCT CRACK CONTROL JOINT PER DET.	12/C-008
7	CONSTRUCT 36" HIGH HANDRAILS WITH THICKEN SLAB EDGE PER DET.	4/C-008, 3/C-009
8	CONSTRUCT 6" THICK CONC. SLAB PER DET.	3/C-007
10	CONSTRUCT & STRIPE OUT ADA ACCESSIBLE STANDARD & VAN PARKING W/ SIGNS PER DET.	1/C-007, 2/C-007
11	CONSTRUCT 6" CURB FACE AT A.C. PAVEMENT PER DET.	11/C-008
13	CONNECT NEW CONC. STAIRS & HANDRAILS TO EXIST. STAIRWAY PER DET.	2/C-009
14	CONSTRUCT ADA ACCESSIBLE RAMP PER DET.	1/C-008
15	INSTALL PRE-CAST CONC. WHEEL STOP PER DET.	7/C-008
17	CONSTRUCT C.M.U./C.R.M RETAINING WALL WITH 4' HIGH FENCE PER DET.	1/C-012, 2/C-012, 3/C-012
21	2' BY 2' BY 2' BOULDERS PLACED 3' FROM EDGE OF PAVEMENT SPACED AT 8' O.C., LOCATION APPROXIMATE.	

SIGN & STRIPING NOTES

70 STRIPE-OUT 12" WIDE SOLID WHITE STOP BAR PER PLAN
71 STRIPE-OUT 4" WIDE SOLID WHITE STRIPE PER PLAN
72 STRIPE-OUT 50' LONG DOUBLE 4" WIDE SOLID WHITE STRIPE

FENCING CONSTRUCTION NOTES

80 CONSTRUCT 6' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-2

83 CONSTRUCT DOUBLE SWING CHAIN LINK FENCE GATE PER DETAIL WIDTH OF DOUBLE SWING CHAIN LINK FENCE GATE PER PLAN 7/C-009

LEGEND

NEW PAVEMENT AREAS

NEW CONCRETE

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

YEN WEN FANG LICENSED PROFESSIONAL ENGINEER No. 9361-C Exp. 04/30/16 HAWAII, U.S.A.

SIGNATURE

MARK	DATE	DESCRIPTION
1	4/10/14	MULTIPLE CHANGES TO SHEET
2	5/07/14	MULTIPLE CHANGES TO SHEET

REVIEWED: DEPARTMENT OF PARKS AND RECREATION DATE

COUNTY OF HAWAII
DEPARTMENT OF PARKS & RECREATION
101 PAUAHI STREET 1, SUITE 6 / HILO, HAWAII 96720 / PHONE: 808.961.8311 / FAX: 808.961.8411

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

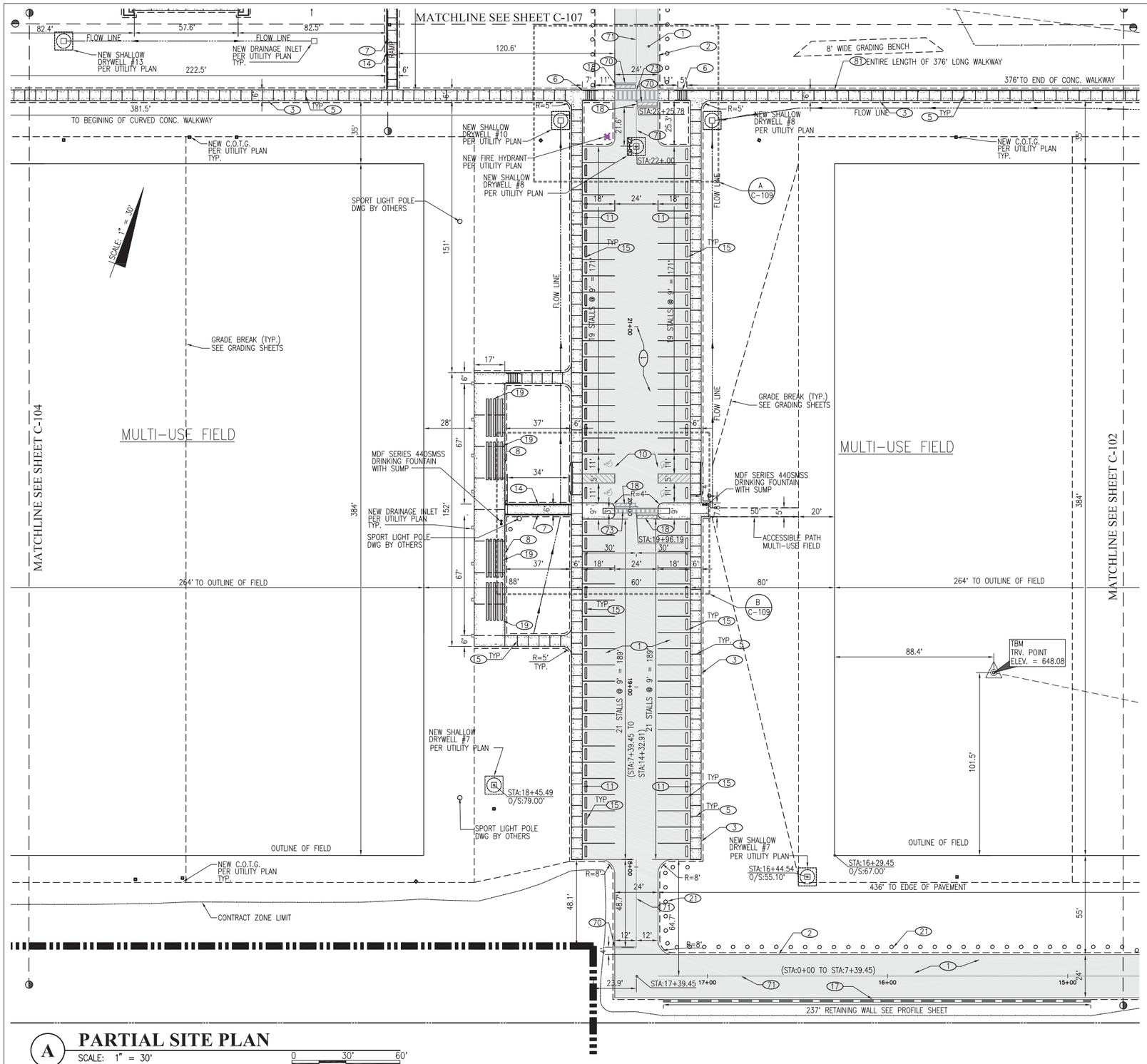
JOB NO.: PR-4234 PAHOA, PUNA, HAWAII TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: CIVIL PARTIAL SITE PLAN

DESIGNED BY: OH
DRAWN BY: OH
CHECKED BY: YWF
DATE: 2014-02-10

SHEET NO. C-102

2 OF SHEETS



A **PARTIAL SITE PLAN**
SCALE: 1" = 30'

PAV'T CONSTRUCTION NOTES

1. CONSTRUCT 2" COUNTY MIX 3 A.C. PAV'T / 4" A.B. / 6" SUB-BASE PER DET. — 8/C-008
2. CONSTRUCT A.C. PAV'T EDGE PER DET. — 9/C-008
3. CONSTRUCT 4" THICK CONC. WALK AND RAMP PER DET. — 3/C-007
5. CONSTRUCT CRACK CONTROL JOINT PER DET. — 12/C-008
6. CONSTRUCT CONC. STAIRS W/ HANDRAILS PER DET. — 4/C-009, 1/C-009
7. CONSTRUCT 36" HIGH HANDRAILS W/ THICKEN SLAB EDGE PER DET. — 4/C-008, 3/C-009
8. CONSTRUCT 6" THICK CONC. SLAB PER DET. — 3/C-007
10. CONSTRUCT & STRIPE OUT ADA ACCESSIBLE STANDARD & VAN PARKING W/ SIGNS PER DET. — 1/C-007, 2/C-007
11. CONSTRUCT 6" CURB FACE AT A.C. PAVEMENT PER DET. — 11/C-008
14. CONSTRUCT ADA ACCESSIBLE RAMP PER DET. — 1/C-008
15. INSTALL PRE-CAST CONC. WHEEL STOP PER DET. — 7/C-008
17. CONSTRUCT C.M.U/C.R.M. RETAINING WALL WITH 4' HIGH FENCE PER DET. — 1/C-012, 2/C-012, 3/C-012
18. CONSTRUCT STRIPED A.C. PAVEMENT SPEED BUMP PER DET. WITH 4" WIDE YELLOW DIAGONAL STRIPING @ 2' O.C. — 4/C-006
19. CONSTRUCT 21' LONG 5 TIER BLEACHERS PER SPECIFICATIONS
21. 2' BY 2' BY 2' BOULDERS PLACED 3' FROM EDGE OF PAVEMENT SPACED AT 8' O.C., LOCATION APPROXIMATE.

SIGN & STRIPING NOTES

70. STRIPE-OUT 12" WIDE SOLID WHITE STOP BAR PER PLAN
71. STRIPE-OUT 4" WIDE SOLID WHITE STRIPE PER PLAN
73. STRIPE CROSSWALK, WIDTH PER PLAN, 1' WIDE STRIP AT EACH SIDE WITH 1' WIDE STRIPES SPACED AT 2.5' O.C. ALONG LENGTH OF CROSSWALK

FENCING CONSTRUCTION NOTES

80. CONSTRUCT 6' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-2
81. CONSTRUCT 4' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-1

LEGEND

NEW PAVEMENT

NEW CONCRETE

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

YEN WEN FANG
LICENSED PROFESSIONAL ENGINEER
Exp. 04/30/16
No. 9361-C
HAWAII, U.S.A.
SIGNATURE

MARK	DATE	DESCRIPTION
1	4/10/14	MULTIPLE CHANGES TO SHEET
2	5/07/14	MULTIPLE CHANGES TO SHEET

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

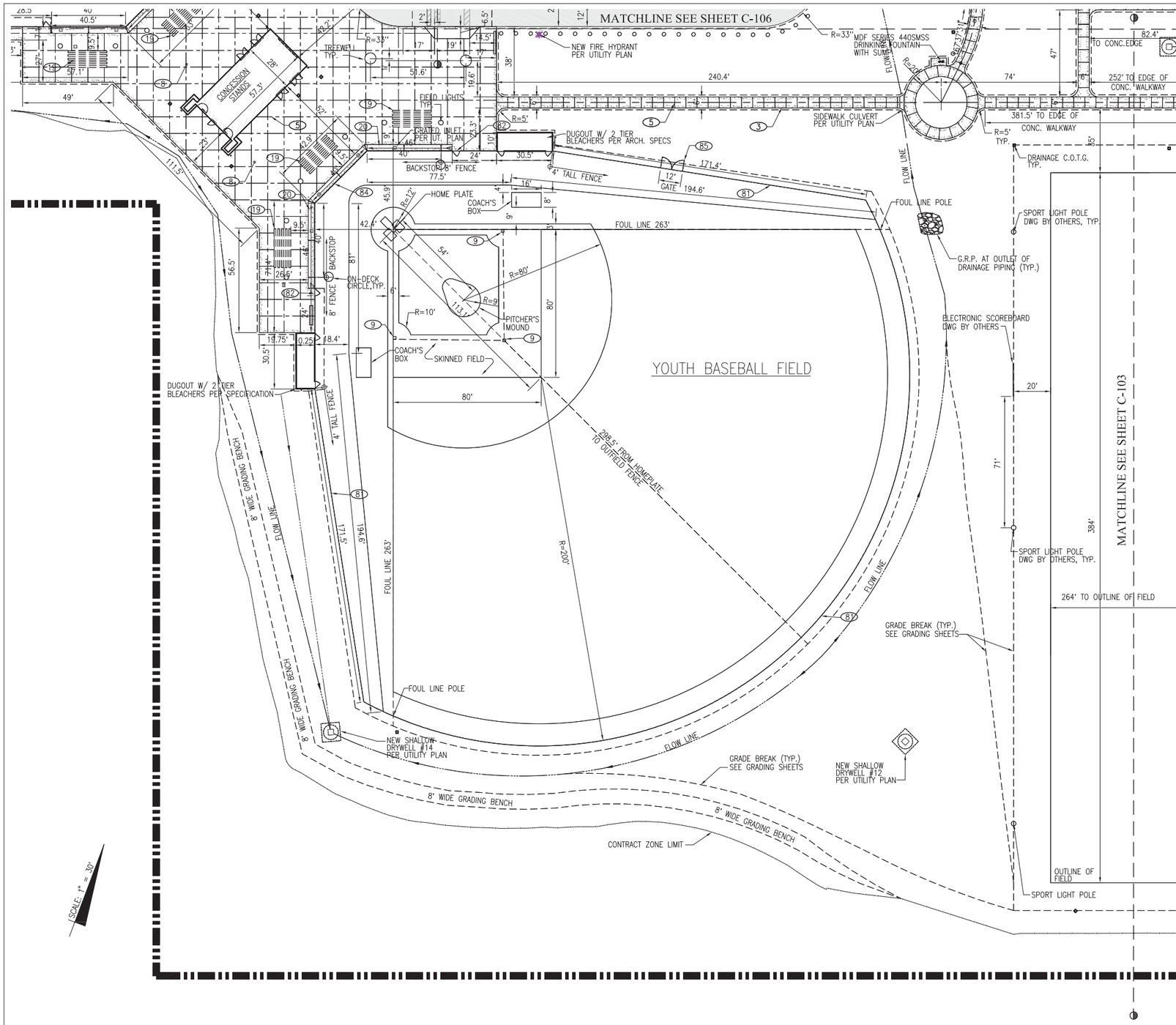
PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

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

PLAN SHEET DESCRIPTION: CIVIL PARTIAL SITE PLAN

DESIGNED BY: OH
DRAWN BY: OH
CHECKED BY: YWF
DATE: 2014-02-10

SHEET NO. C-103 — 2 OF SHEETS



PAV'T CONSTRUCTION NOTES

2	CONSTRUCT A.C. PAV'T EDGE PER DET.	9 C-008
3	CONSTRUCT 4" THICK CONC. WALK AND RAMP PER DET.	3 C-007
4	CONSTRUCT 6" CONCRETE PLANTER CURB PER DET.	4 C-007
5	CONSTRUCT CRACK CONTROL JOINT PER DET.	12 C-008
6	CONSTRUCT CONC. STAIRS W/ HANDRAILS PER DET.	4 C-009 / 1 C-009
8	CONSTRUCT 6" THICK CONC. SLAB PER DET.	
9	INSTALL BASEBALL FIELD BASES PER SPECIFICATION	
19	CONSTRUCT 21' LONG 5 TIER BLEACHERS PER SPECIFICATION	
20	CONSTRUCT 3' WIDE CONCRETE AT BACK OF BACKSTOP SWALE PER DETAIL	7 C-011

FENCING CONSTRUCTION NOTES

80 CONSTRUCT 6' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-2

81 CONSTRUCT 4' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-1

82 CONSTRUCT 4' WIDE GATE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS CONSTRUCTION STD. DET. F-8
-GATE FRAME TO BE CONSTRUCTED OF 1-1/2" N.D. PIPE & INSTALL GATE STOP POST PER DETAIL

84 CONSTRUCT BACKSTOP PER DETAILS ON SHEETS C-011 & C-013.

85 CONSTRUCT 12' WIDE GATE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS CONSTRUCTION STD. DET. F-11

LEGEND

- NEW PAVEMENT
- NEW CONCRETE
- G.R.P. GROUTED RUBBLE PAVING

A PARTIAL SITE PLAN

SCALE: 1" = 30' 0 30' 60'

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YEN WEN FANG
LICENSED PROFESSIONAL ENGINEER
Exp. 04/30/16
No. 9361-C
HAWAII, U.S.A.

SIGNATURE

MARK	DATE	DESCRIPTION
1	4/10/14	MULTIPLE CHANGES TO SHEET
2	5/07/14	MULTIPLE CHANGES TO SHEET

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

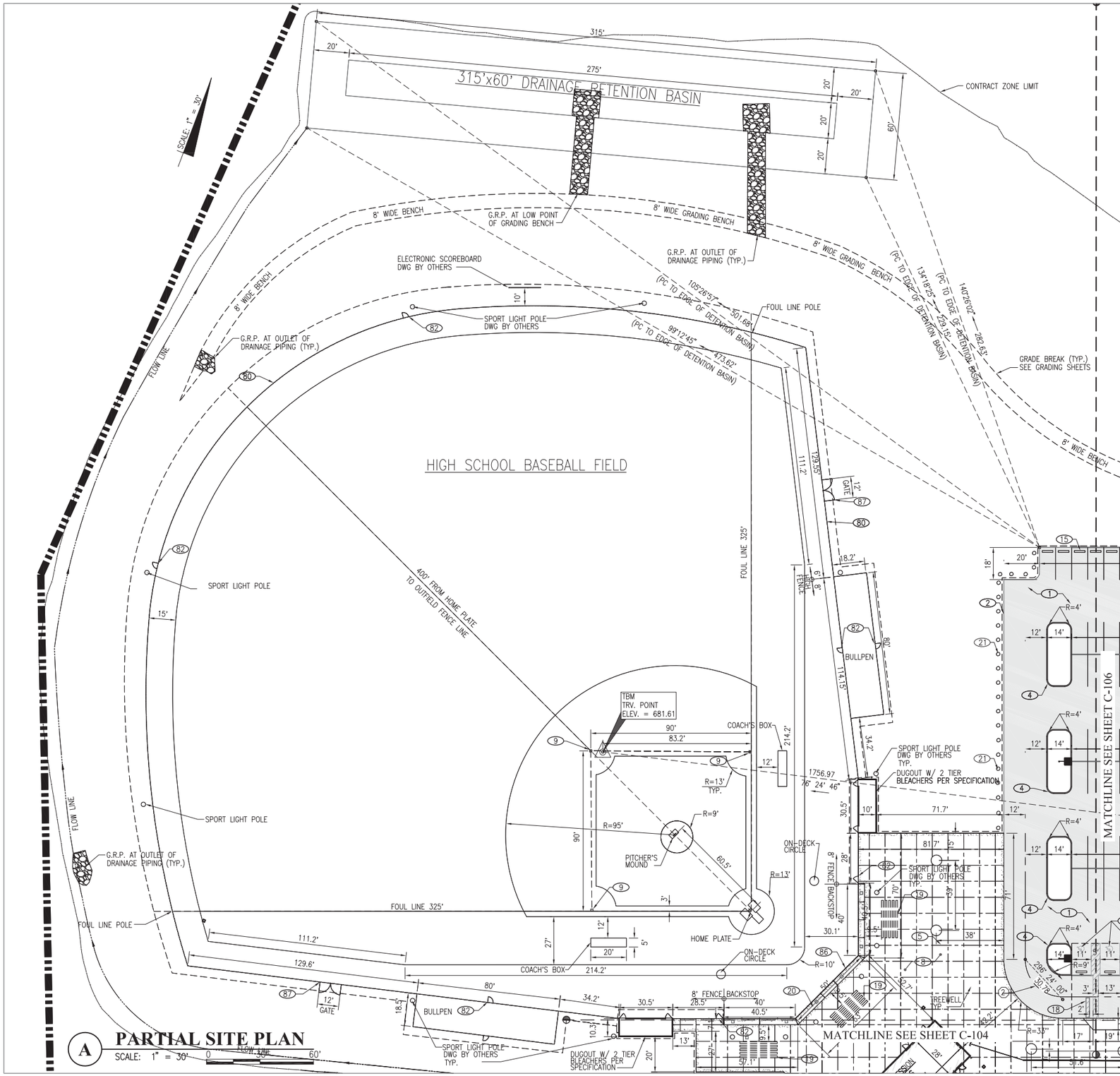
JOB NO.: PR-4234 PAHOA, PUNA, HAWAII TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: CIVIL PARTIAL SITE PLAN

DESIGNED BY: OH
DRAWN BY: OH
CHECKED BY: YWF

SHEET NO. C-104 OF SHEETS

DATE: 2014-02-10



A **PARTIAL SITE PLAN**
SCALE: 1" = 30'

CURVE DATA					
MARK	R	Lc	Δ	T	DESC.
2	21'	29.70'	90°00'00"	21'	℄ ALIGN

PAV'T CONSTRUCTION NOTES

1. CONSTRUCT 2" COUNTY MIX 3 A.C. PAV'T / 4" A.B. / 6" SUB-BASE PER DET. (8/C-008)
2. CONSTRUCT A.C. PAV'T EDGE PER DET. (9/C-008)
4. CONSTRUCT 6" CONCRETE PLANTER CURB PER DET. (4/C-007)
5. CONSTRUCT CRACK CONTROL JOINT PER DET. (12/C-008)
8. CONSTRUCT 6" THICK CONC. SLAB PER DET. (3/C-007)
9. INSTALL BASEBALL FIELD BASES PER DET. (–/C-007)
10. CONSTRUCT ADA ACCESSIBLE STANDARD & VAN PARKING W/ SIGNS PER DET. (1/C-007) (2/C-007)
15. INSTALL PRE-CAST CONC. WHEEL STOP PER DET. (7/C-008)
18. CONSTRUCT STRIPED A.C. PAVEMENT SPEED BUMP PER DET. WITH 4" WIDE YELLOW DIAGONAL STRIPING @ 2' O.C. (4/C-006)
19. CONSTRUCT 21' LONG 5 TIER BLEACHERS PER SPECIFICATION
20. CONSTRUCT 3' WIDE CONCRETE AT BACK OF BACKSTOP SWALE PER DETAIL (7/C-011)
21. 2' BY 2' BY 2' BOULDERS PLACED 3' FROM EDGE OF PAVEMENT SPACED AT 8' O.C., LOCATION APPROXIMATE.

FENCING CONSTRUCTION NOTES

80. CONSTRUCT 6' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-2
82. CONSTRUCT 4' WIDE GATE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS CONSTRUCTION STD. DET. F-8 –GATE FRAME TO BE CONSTRUCTED OF 1-1/2" N.D. PIPE & INSTALL GATE STOP POST PER DETAIL
86. CONSTRUCT BACKSTOP PER DETAILS ON SHEETS C-010 & C-011.
87. CONSTRUCT 12' WIDE GATE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS CONSTRUCTION STD. DET. F-12

LEGEND

- NEW PAVEMENT
- NEW CONCRETE
- G.R.P. GROUTED RUBBLE PAVING

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HILO, HAWAII, 96720
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FENWEN FANG
LICENSED PROFESSIONAL ENGINEER
Exp. 04/30/16
No. 9361-C
HAWAII, U.S.A.
SIGNATURE

MARK	DATE	DESCRIPTION
1	4/10/14	MULTIPLE CHANGES TO SHEET
2	5/07/14	MULTIPLE CHANGES TO SHEET
3		

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

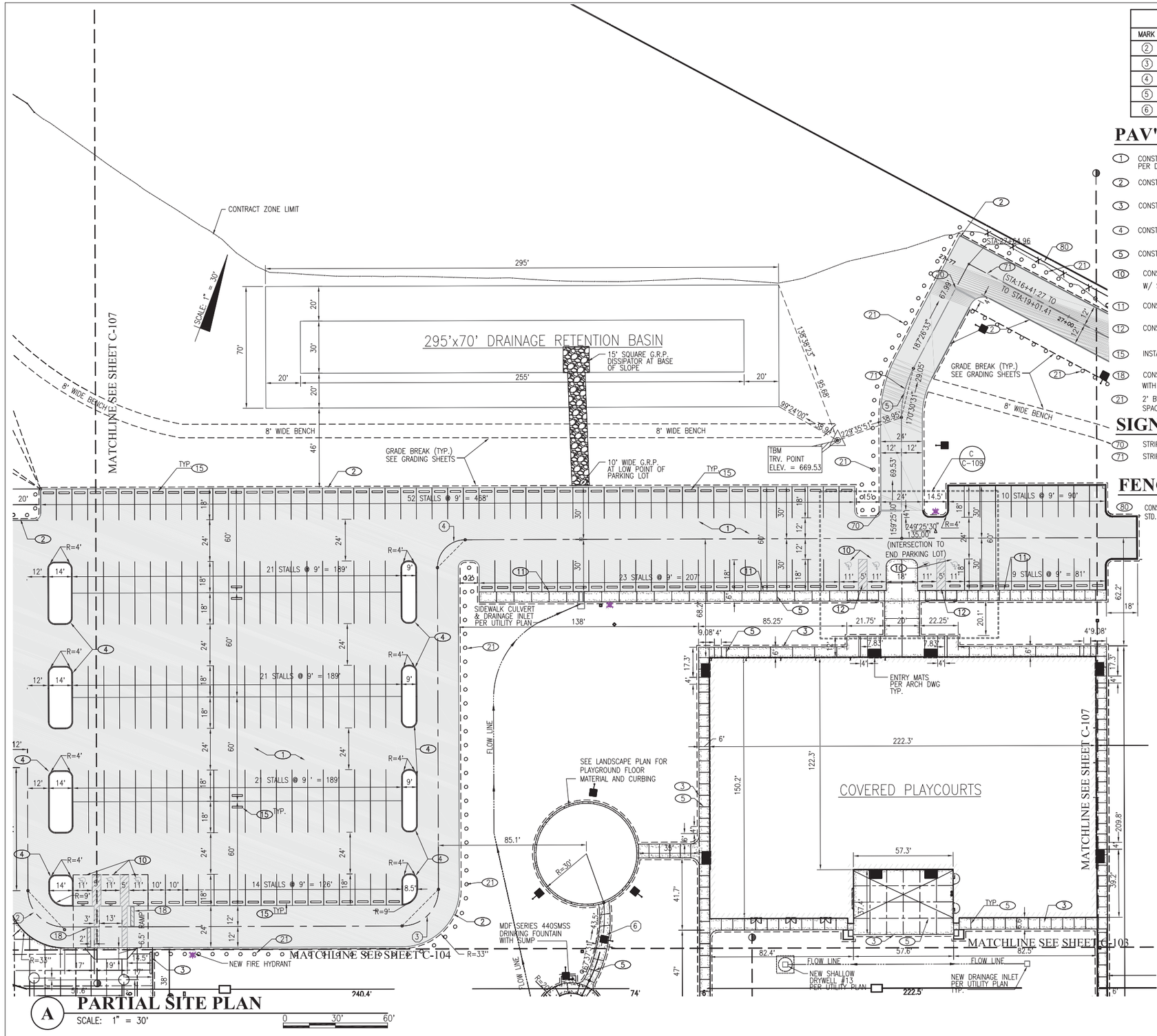
JOB NO.: PR-4234 — PAHOA, PUNA, HAWAII — TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: CIVIL PARTIAL SITE PLAN

DATE: 2014-02-10

SHEET NO. C-105 — SHEETS

DESIGNED BY: OH
DRAWN BY: OH
CHECKED BY: YMF



A PARTIAL SITE PLAN

SCALE: 1" = 30'

CURVE DATA					
MARK	R	Lc	Δ	T	DESC.
2	21'	29.70'	90°00'00"	21'	℄ ALIGN
3	21'	29.70'	90°00'00"	21'	℄ ALIGN
4	16'	22.63'	90°00'00"	16'	℄ ALIGN
5	16'	22.63'	90°00'00"	16'	℄ ALIGN
6	69.5'	43.5	36°30'04"	22.91'	SIDEWALK

PAV'T CONSTRUCTION NOTES

1. CONSTRUCT 2" COUNTY MIX 3 A.C. PAV'T / 4" A.B. / 6" SUB-BASE PER DET. — 8/C-008
2. CONSTRUCT A.C. PAV'T EDGE PER DET. — 9/C-008
3. CONSTRUCT 4" THICK CONC. WALK AND RAMP PER DET. — 3/C-007
4. CONSTRUCT 6" CONCRETE PLANTER CURB PER DET. — 4/C-007
5. CONSTRUCT CRACK CONTROL JOINT PER DET. — 12/C-008
10. CONSTRUCT ADA ACCESSIBLE STANDARD & VAN PARKING W/ SIGNS PER DET. — 1/C-007, 2/C-007
11. CONSTRUCT 6" CURB FACE AT A.C. PAVEMENT PER DET. — 11/C-008
12. CONSTRUCT A.C. PAVEMENT FLUSH W/ CON. PER DET. — 3/C-008
15. INSTALL PRE-CAST CONC. WHEEL STOP PER DET. — 7/C-008
18. CONSTRUCT STRIPED A.C. PAVEMENT SPEED BUMP PER DET. WITH 4" WIDE YELLOW DIAGONAL STRIPING @ 2' O.C. — 4/C-006
21. 2' BY 2' BY 2' BOULDERS PLACED 3' FROM EDGE OF PAVEMENT SPACED AT 8' O.C., LOCATION APPROXIMATE.

SIGN & STRIPING NOTES

70. STRIPE-OUT 12" WIDE SOLID WHITE STOP BAR PER PLAN
71. STRIPE-OUT 4" WIDE SOLID WHITE STRIPE PER PLAN

FENCING CONSTRUCTION NOTES

80. CONSTRUCT 6' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-2

LEGEND

- NEW PAVEMENT
- NEW CONCRETE
- G.R.P. GROUTED RUBBLE PAVING

Engineering Partners, Inc.
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HILO, HAWAII, 96720
www.epintegrated.com

FENG WEN FANG — LICENSED PROFESSIONAL ENGINEER — No. 9361-C — Exp. 04/30/16 — HAWAII, U.S.A.

SIGNATURE

MARK	DATE	DESCRIPTION
1	4/10/14	MULTIPLE CHANGES TO SHEET
2	5/07/14	MULTIPLE CHANGES TO SHEET
3		
4		
5		

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

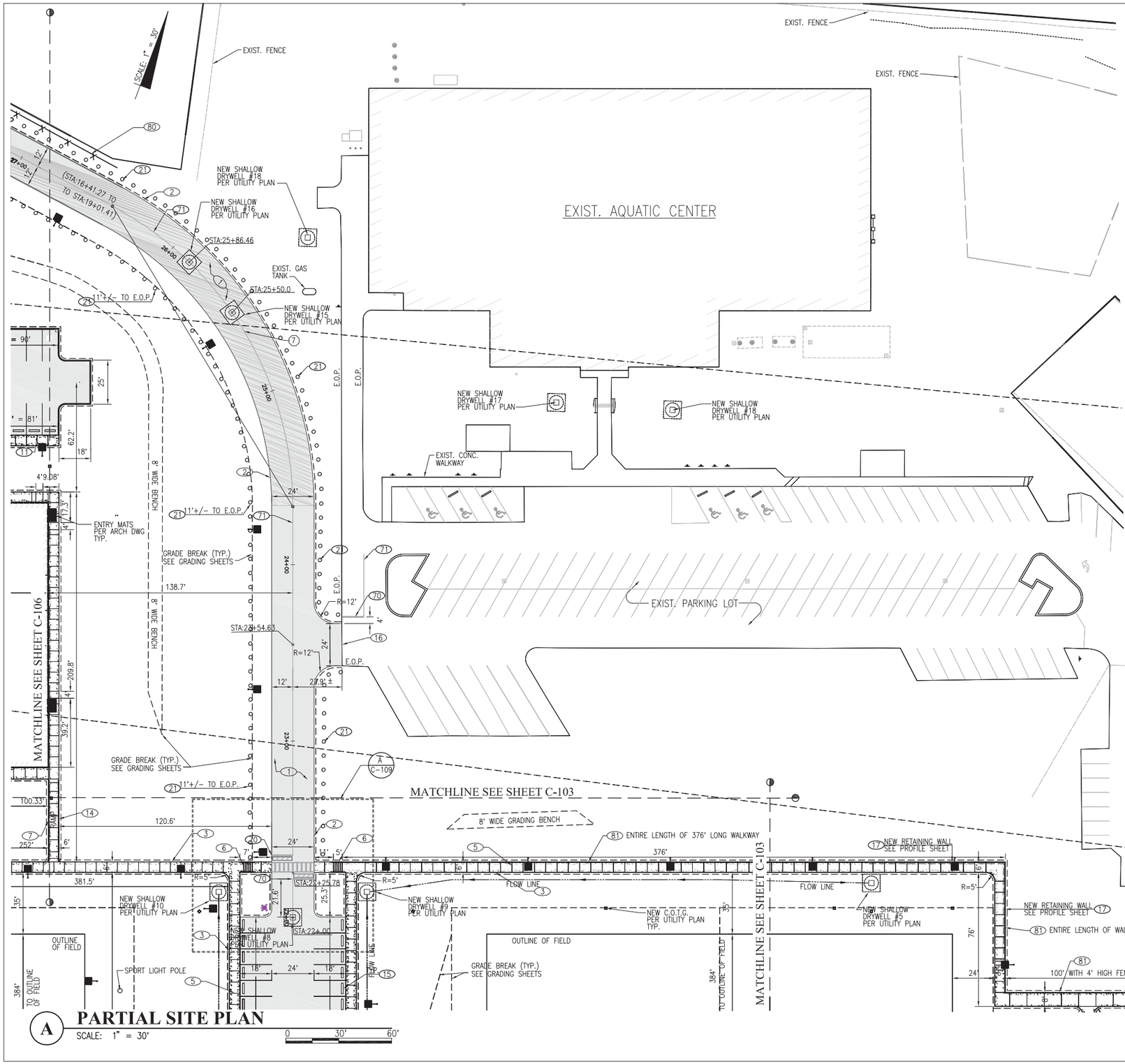
JOB NO.: PR-4234 — PAHOA, PUNA, HAWAII — TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: CIVIL PARTIAL SITE PLAN

DESIGNED BY: OH
DRAWN BY: OH
CHECKED BY: YWF

SHEET NO. C-106 — 4 OF SHEETS

DATE: 2014-02-10



A **PARTIAL SITE PLAN**
SCALE: 1" = 30'

CURVE DATA					
MARK	R	Lc	Δ	T	DESC.
7	193'	198.75'	61°58'57"	115.93'	℄ ROAD

PAV'T CONSTRUCTION NOTES

1. CONSTRUCT 2" COUNTY MIX 3 A.C. PAV'T / 4" A.B. / 6" SUB-BASE PER DET. — 8/C-008
2. CONSTRUCT A.C. PAV'T EDGE PER DET. — 9/C-008
3. CONSTRUCT 4" THICK CONC. WALK AND RAMP PER DET. — 3/C-007
5. CONSTRUCT CRACK CONTROL JOINT PER DET. — 12/C-008
6. CONSTRUCT CONC. STAIRS W/ HANDRAILS PER DET. — 4/C-009, 1/C-009
7. CONSTRUCT HANDRAILS PER DET. — 4/C-008, 3/C-009
14. CONSTRUCT ADA ACCESSIBLE RAMP PER DET. — 1/C-008
15. INSTALL PRE-CAST CONC. WHEEL STOP PER DET. — 7/C-008
16. SAWCUT AND JOIN NEW A.C. PAV'T TO EXIST. PAV'T — 5/C-008
17. CONSTRUCT C.M.U. RETAINING WALL WITH 4' HIGH FENCE PER DET. — 2/C-012, 3/C-012
21. 2' BY 2' BY 2' BOULDERS PLACED 3' FROM EDGE OF PAVEMENT SPACED AT 8' O.C., LOCATION APPROXIMATE.

SIGN & STRIPING NOTES

70. STRIPE-OUT 12" WIDE SOLID WHITE STOP BAR PER PLAN
71. STRIPE-OUT 4" WIDE SOLID WHITE STRIPE PER PLAN

FENCING CONSTRUCTION NOTES

80. CONSTRUCT 6' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-2
81. CONSTRUCT 4' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-1

LEGEND

NEW PAVEMENT
NEW CONCRETE

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

FEN WEN FANG
LICENSED PROFESSIONAL ENGINEER
Exp. 04/30/16
No. 9361-C
HAWAII, U.S.A.
SIGNATURE

MARK	DATE	DESCRIPTION
1	4/10/14	MULTIPLE CHANGES TO SHEET
2	5/07/14	MULTIPLE CHANGES TO SHEET
3		

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

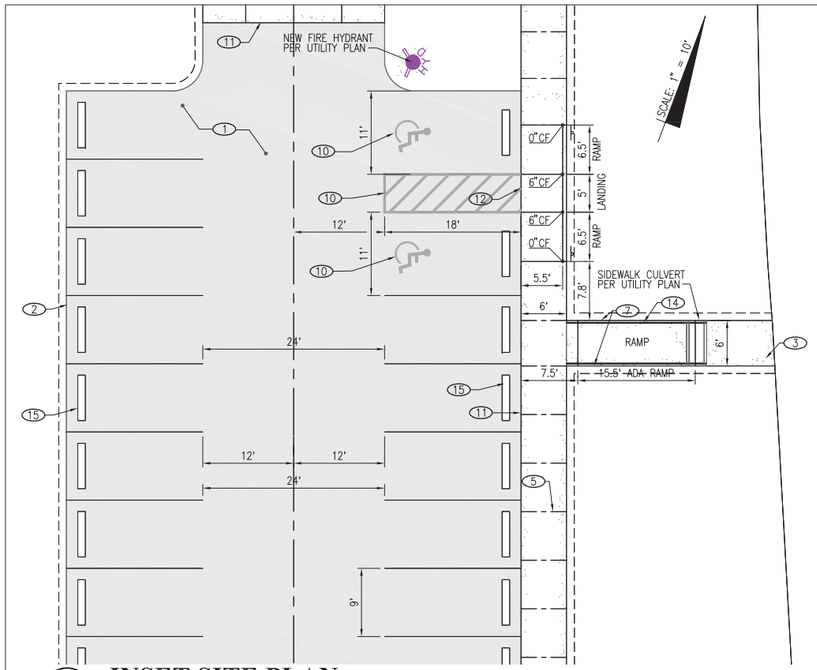
PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

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

PLAN SHEET DESCRIPTION: CIVIL PARTIAL SITE PLAN

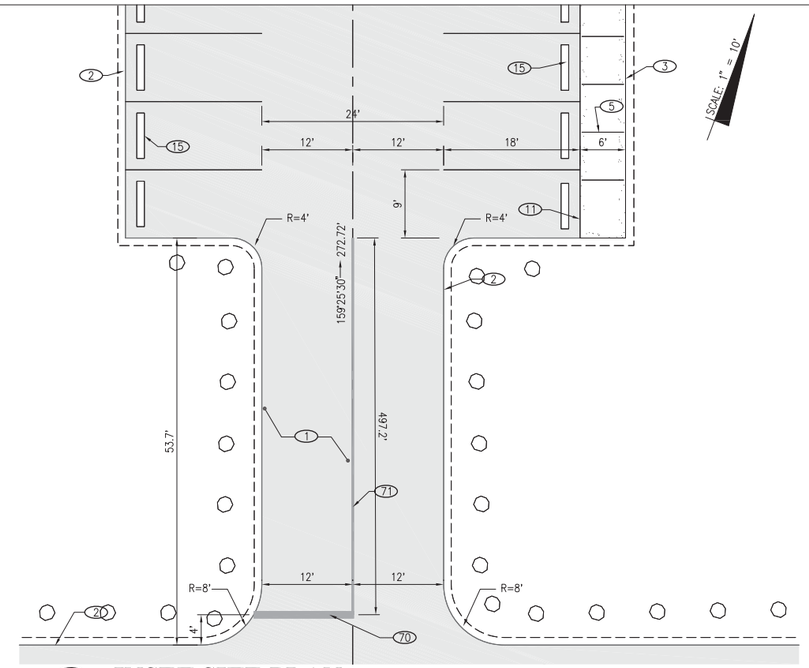
DESIGNED BY: OH
DRAWN BY: OH
CHECKED BY: YWF
DATE: 2014-02-10

SHEET NO. C-107
3 OF SHEETS



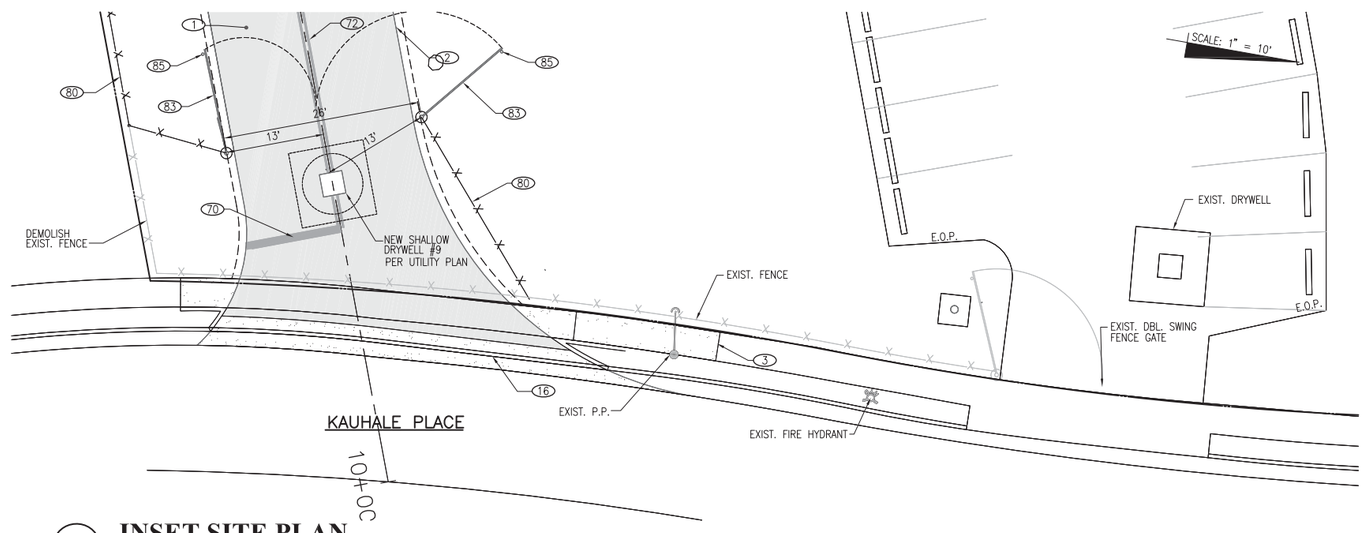
A INSET SITE PLAN

SCALE: 1" = 10' 0 10' 20'



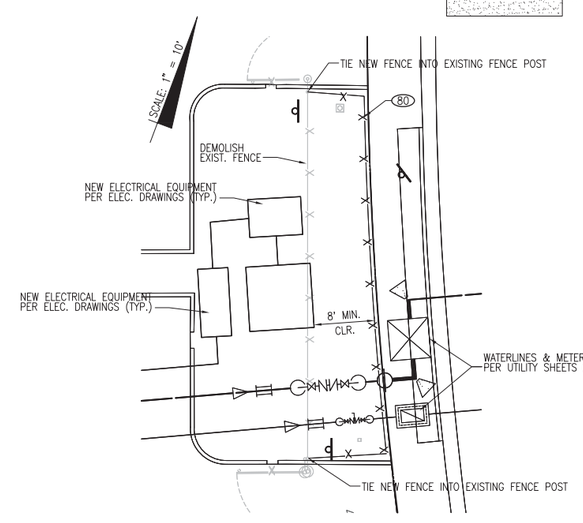
B INSET SITE PLAN

SCALE: 1" = 10' 0 10' 20'



C INSET SITE PLAN

SCALE: 1" = 10' 0 10' 20'



D INSET SITE PLAN

SCALE: 1" = 10' 0 10' 20'

PAV'T CONSTRUCTION NOTES

1	CONSTRUCT 2" COUNTY MIX 3 A.C. PAV'T / 4" A.B. / 6" SUB-BASE PER DET.	8 C-008
2	CONSTRUCT A.C. PAV'T EDGE PER DET.	9 C-008
3	CONSTRUCT 4" THICK CONC. WALK AND RAMP PER DET.	3 C-007
5	CONSTRUCT CRACK CONTROL JOINT PER DET.	12 C-008
7	CONSTRUCT 36" HIGH HANDRAILS WITH THICKEN SLAB EDGE PER DET.	4 C-008 / 3 C-009
10	CONSTRUCT & STRIPE OUT ADA ACCESSIBLE STANDARD & VAN PARKING W/ SIGNS PER DET.	1 C-007 / 2 C-007
11	CONSTRUCT 6" CURB FACE AT A.C. PAVEMENT PER DET.	11 C-008
14	CONSTRUCT ADA ACCESSIBLE RAMP PER DET.	1 C-008
15	INSTALL PRE-CAST CONC. WHEEL STOP PER DET.	7 C-008
16	CONSTRUCT THRU GUTTER PER DET.	7 C-003

SIGN & STRIPING NOTES

70	STRIPE-OUT 12" WIDE SOLID WHITE STOP BAR PER PLAN
71	STRIPE-OUT 4" WIDE SOLID WHITE STRIPE PER PLAN
72	STRIPE-OUT 50' LONG DOUBLE 4" WIDE SOLID WHITE STRIPE

FENCING CONSTRUCTION NOTES

80	CONSTRUCT 6' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-2	
83	CONSTRUCT DOUBLE SWING CHAIN LINK FENCE GATE PER DETAIL WIDTH OF DOUBLE SWING CHAIN LINK FENCE GATE PER PLAN	7 C-009
85	CONSTRUCT 12" BY 12" BY 12" CONCRETE ANCHOR WITH EMBEDDED 1"ø PIPE SLEEVE FOR FENCE PLUNGER BAR	

LEGEND

NEW PAVEMENT AREAS

NEW CONCRETE

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

FERWEN FANG
LICENSED PROFESSIONAL ENGINEER
Exp. 04/30/16
No. 9361-C
HAWAII, U.S.A.

SIGNATURE

MARK	DATE	DESCRIPTION
1	4/10/14	MULTIPLE CHANGES TO SHEET
2	5/07/14	MULTIPLE CHANGES TO SHEET

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

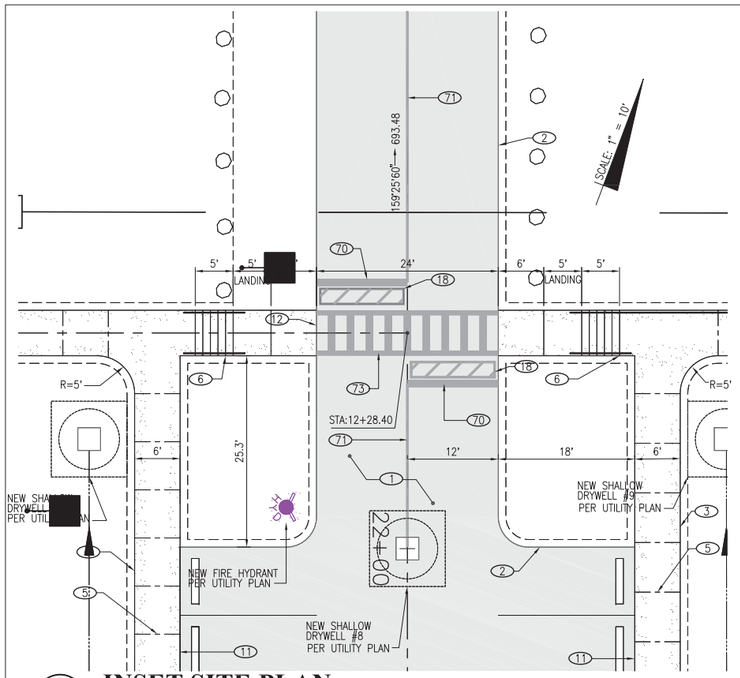
JOB NO.: PR-4234 PAHOA, PUNA, HAWAII TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: CIVIL INSET SITE PLAN

DESIGNED BY: OH
DRAWN BY: OH
CHECKED BY: YWF

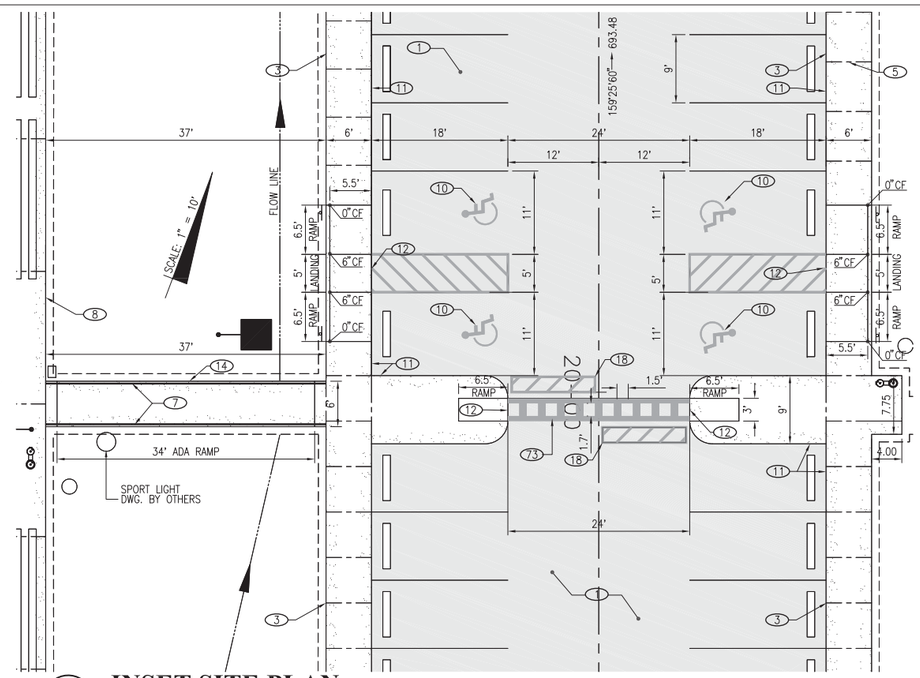
SHEET NO. C-108 OF SHEETS

DATE: 2014-02-10



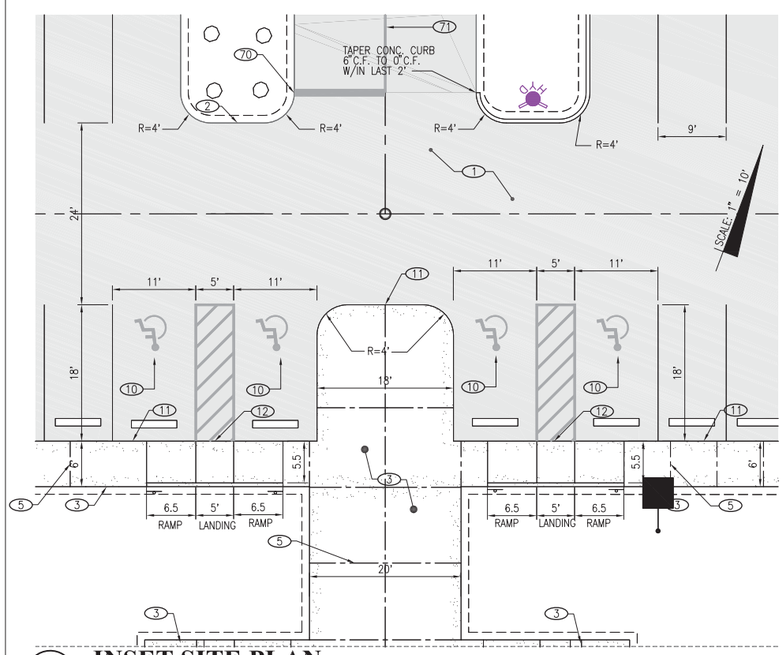
A INSET SITE PLAN

SCALE: 1" = 10'



B INSET SITE PLAN

SCALE: 1" = 10'



C INSET SITE PLAN

SCALE: 1" = 10'

PAV'T CONSTRUCTION NOTES

1. CONSTRUCT 2" COUNTY MIX 3 A.C. PAV'T / 4" A.B. / 6" SUB-BASE PER DET. — 8/C-008
2. CONSTRUCT A.C. PAV'T EDGE PER DET. — 9/C-008
3. CONSTRUCT 4" THICK CONC. WALK AND RAMP PER DET. — 3/C-007
5. CONSTRUCT CRACK CONTROL JOINT PER DET. — 12/C-008
6. CONSTRUCT CONC. STAIRS W/ HANDRAILS PER DET. — 4/C-009, 1/C-009
7. CONSTRUCT 36" HIGH HANDRAILS WITH THICKEN SLAB EDGE PER DET. — 4/C-008, 3/C-009
8. CONSTRUCT 6" THICK CONC. SLAB PER DET. — 3/C-007
10. CONSTRUCT & STRIPE OUT ADA ACCESSIBLE STANDARD & VAN PARKING W/ SIGNS PER DET. — 1/C-007, 2/C-007
11. CONSTRUCT 6" CURB FACE AT A.C. PAVEMENT PER DET. — 11/C-008
12. CONSTRUCT A.C. PAVEMENT FLUSH W/ CON. PER DET. — 3/C-008
13. CONNECT NEW CONC. STAIRS & HANDRAILS TO EXIST. STAIRWAY PER DET. — 2/C-009
14. CONSTRUCT ADA ACCESSIBLE RAMP PER DET. — 1/C-008
15. INSTALL PRE-CAST CONC. WHEEL STOP PER DET. — 7/C-008
18. CONSTRUCT STRIPED A.C. PAVEMENT SPEED BUMP PER DET. WITH 4" WIDE YELLOW DIAGONAL STRIPING @ 2' O.C. — 4/C-006

SIGN & STRIPING NOTES

70. STRIPE-OUT 12" WIDE SOLID WHITE STOP BAR PER PLAN
71. STRIPE-OUT 4" WIDE SOLID WHITE STRIPE PER PLAN
72. STRIPE-OUT 12" WIDE SOLID WHITE CROSSWALK STRIPING PER PLAN
73. STRIPE CROSSWALK, WIDTH PER PLAN, 1' WIDE STRIP AT EACH SIDE WITH 1' WIDE STRIPES SPACED AT 2.5' O.C. ALONG LENGTH OF CROSSWALK

LEGEND

- NEW PAVEMENT AREAS
- NEW CONCRETE

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

YEN WEN FANG — LICENSED PROFESSIONAL ENGINEER — Exp. 04/30/16 — No. 9361-C — HAWAII, U.S.A.

SIGNATURE

MARK	DATE	DESCRIPTION
1	4/10/14	MULTIPLE CHANGES TO SHEET
2	5/07/14	MULTIPLE CHANGES TO SHEET

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

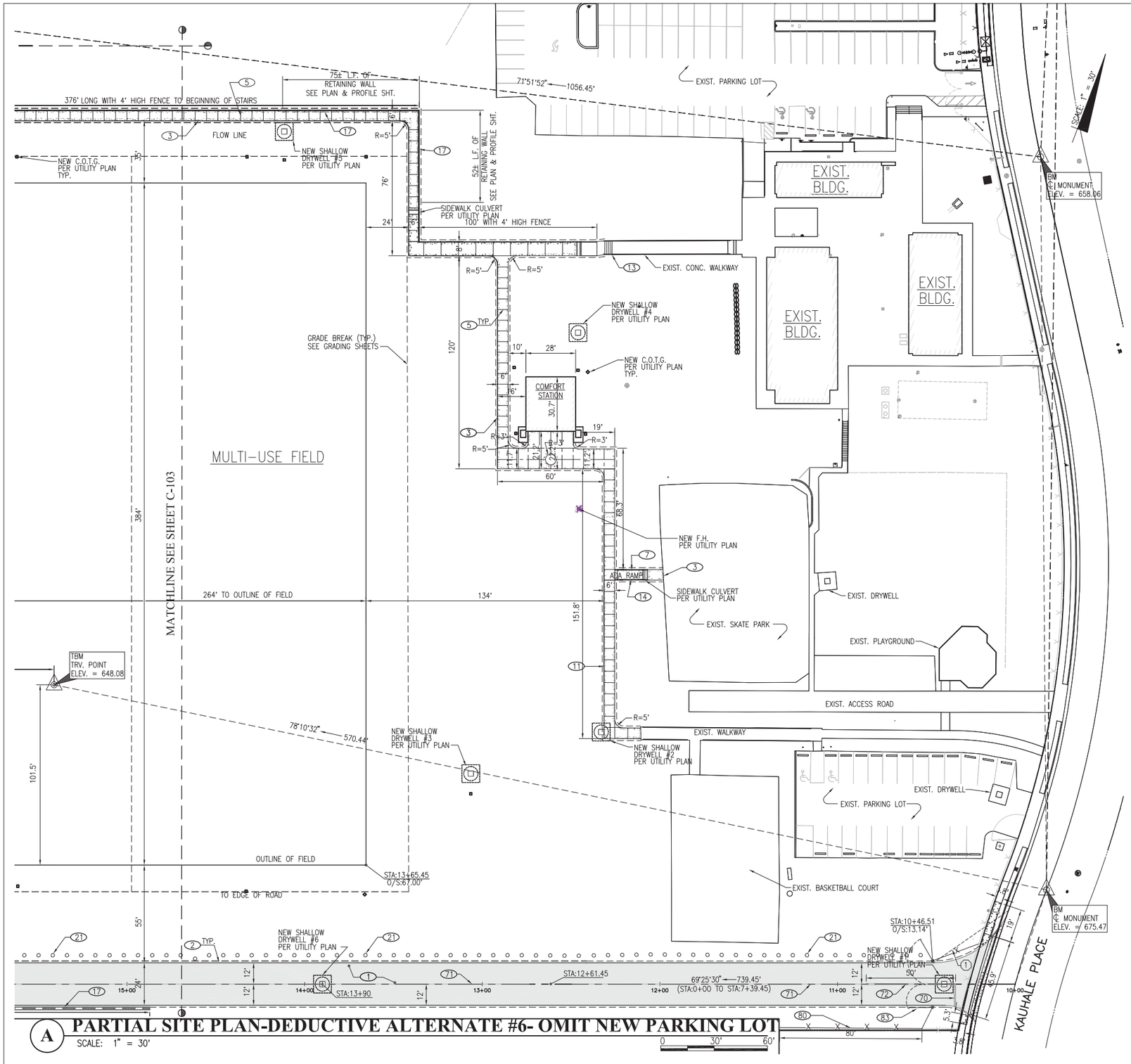
JOB NO.: PR-4234 — PAHOA, PUNA, HAWAII — TMK: (3) 1-5-002:020

PLAN SHEET DESCRIPTION: CIVIL INSET SITE PLAN

DESIGNED BY: OH
DRAWN BY: OH
CHECKED BY: YWF

SHEET NO. C-109 — 2 OF SHEETS

DATE: 2014-02-10



A PARTIAL SITE PLAN-DEDUCTIVE ALTERNATE #6- OMIT NEW PARKING LOT

SCALE: 1" = 30'

CURVE DATA					
MARK	R	Lc	Δ	T	DESC.
1	45'	51.4'	69°39'33"	31.31'	DRIVEWAY ENTRY

PAV'T CONSTRUCTION NOTES

1	CONSTRUCT 2" COUNTY MIX 3 A.C. PAV'T / 4" A.B. / 6" SUB-BASE PER DET.	8/C-008
2	CONSTRUCT A.C. PAV'T EDGE PER DET.	9/C-008
3	CONSTRUCT 4" THICK CONC. WALK AND RAMP PER DET.	3/C-007
5	CONSTRUCT CRACK CONTROL JOINT PER DET.	12/C-008
7	CONSTRUCT 36" HIGH HANDRAILS WITH THICKEN SLAB EDGE PER DET.	4/C-008, 3/C-009
8	CONSTRUCT 6" THICK CONC. SLAB PER DET.	3/C-007
10	CONSTRUCT & STRIPE OUT ADA ACCESSIBLE STANDARD & VAN PARKING W/ SIGNS PER DET.	1/C-007, 2/C-007
11	CONSTRUCT 6" CURB FACE AT A.C. PAVEMENT PER DET.	11/C-008
13	CONNECT NEW CONC. STAIRS & HANDRAILS TO EXIST. STAIRWAY PER DET.	2/C-009
14	CONSTRUCT ADA ACCESSIBLE RAMP PER DET.	1/C-008
15	INSTALL PRE-CAST CONC. WHEEL STOP PER DET.	7/C-008
17	CONSTRUCT C.M.U./C.R.M RETAINING WALL WITH 4' HIGH FENCE PER DET.	1/C-012, 2/C-012, 3/C-012
21	2' BY 2' BY 2' BOULDERS PLACED 3' FROM EDGE OF PAVEMENT SPACED AT 8' O.C., LOCATION APPROXIMATE.	

SIGN & STRIPING NOTES

70 STRIPE-OUT 12" WIDE SOLID WHITE STOP BAR PER PLAN
71 STRIPE-OUT 4" WIDE SOLID WHITE STRIPE PER PLAN
72 STRIPE-OUT 50' LONG DOUBLE 4" WIDE SOLID WHITE STRIPE

FENCING CONSTRUCTION NOTES

80 CONSTRUCT 6' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-2

83 CONSTRUCT DOUBLE SWING CHAIN LINK FENCE GATE PER DETAIL WIDTH OF DOUBLE SWING CHAIN LINK FENCE GATE PER PLAN — 7/C-009

LEGEND

NEW PAVEMENT AREAS

NEW CONCRETE

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

FEN WEN FANG
LICENSED PROFESSIONAL ENGINEER
Exp. 04/30/16
No. 9361-C
HAWAII, U.S.A.

SIGNATURE

MARK	DATE	DESCRIPTION
1	4/10/14	MULTIPLE CHANGES TO SHEET
2	5/07/14	SHEET ADDED
3		
4		
5		

REVIEWED: DATE
DEPARTMENT OF PARKS AND RECREATION

COUNTY OF HAWAII
DEPARTMENT OF PARKS & RECREATION
101 PAUAHI STREET, SUITE 6 / HILO, HAWAII 96720 / PHONE: 808.961.8311 / FAX: 808.961.8414

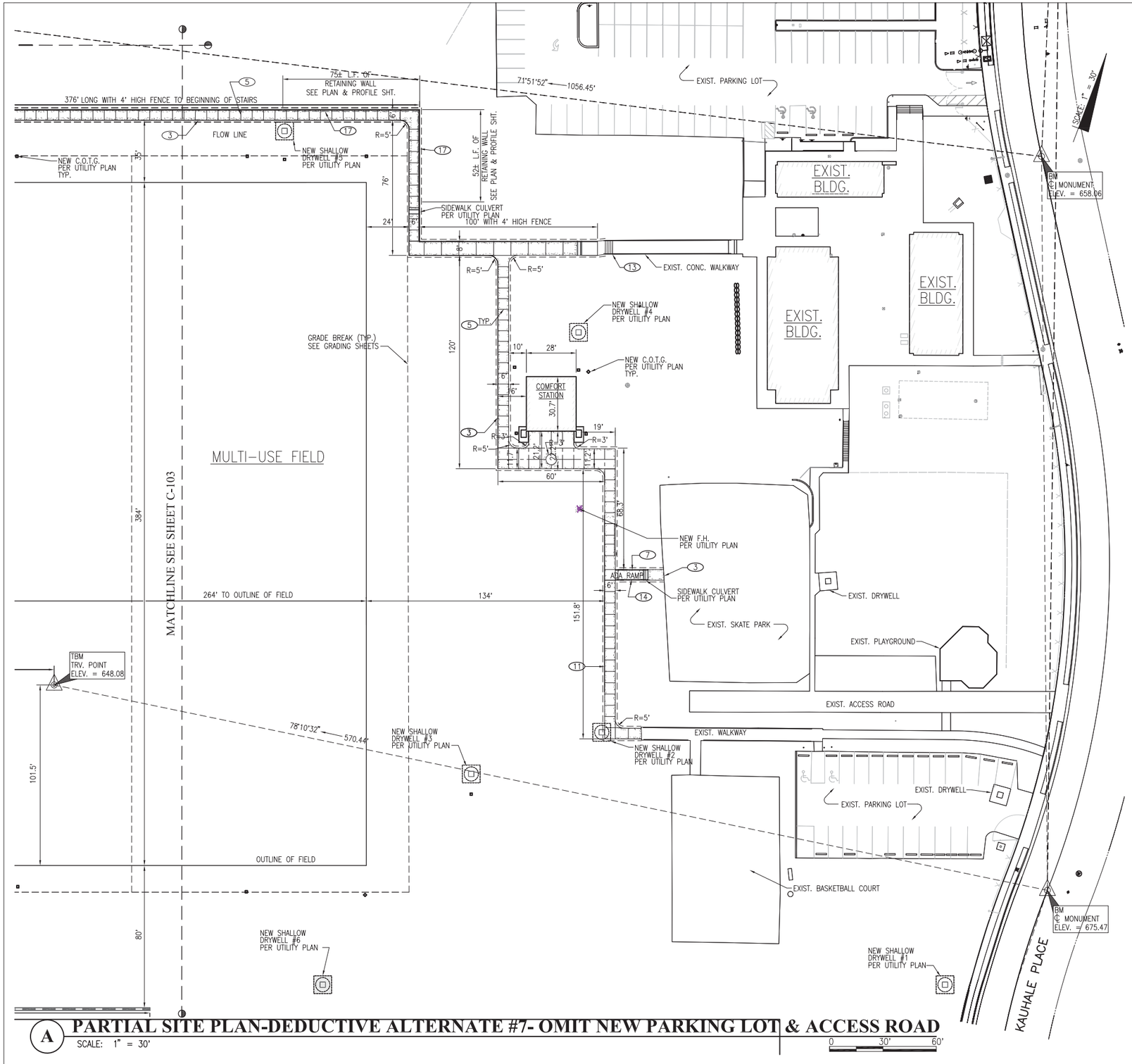
PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

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

PLAN SHEET DESCRIPTION: CIVIL PARTIAL SITE PLAN-DEDUCTIVE ALTERNATE #6-OMIT NEW PARKING

DESIGNED BY: OH
DRAWN BY: OH
CHECKED BY: YWF
DATE: 2014-02-10

SHEET NO. C-110 OF SHEETS



A **PARTIAL SITE PLAN-DEDUCTIVE ALTERNATE #7- OMIT NEW PARKING LOT & ACCESS ROAD**

SCALE: 1" = 30'

0 30' 60'

CURVE DATA					
MARK	R	Lc	Δ	T	DESC.
1	45'	51.4'	69°39'33"	31.31'	DRIVEWAY ENTRY

PAV'T CONSTRUCTION NOTES

1	CONSTRUCT 2" COUNTY MIX 3 A.C. PAV'T / 4" A.B. / 6" SUB-BASE PER DET.	8/C-008
2	CONSTRUCT A.C. PAV'T EDGE PER DET.	9/C-008
3	CONSTRUCT 4" THICK CONC. WALK AND RAMP PER DET.	3/C-007
5	CONSTRUCT CRACK CONTROL JOINT PER DET.	12/C-008
7	CONSTRUCT 36" HIGH HANDRAILS WITH THICKEN SLAB EDGE PER DET.	4/C-008, 3/C-009
8	CONSTRUCT 6" THICK CONC. SLAB PER DET.	3/C-007
10	CONSTRUCT & STRIPE OUT ADA ACCESSIBLE STANDARD & VAN PARKING W/ SIGNS PER DET.	1/C-007, 2/C-007
11	CONSTRUCT 6" CURB FACE AT A.C. PAVEMENT PER DET.	11/C-008
13	CONNECT NEW CONC. STAIRS & HANDRAILS TO EXIST. STAIRWAY PER DET.	2/C-009
14	CONSTRUCT ADA ACCESSIBLE RAMP PER DET.	1/C-008
15	INSTALL PRE-CAST CONC. WHEEL STOP PER DET.	7/C-008
17	CONSTRUCT C.M.U./C.R.M RETAINING WALL WITH 4' HIGH FENCE PER DET.	1/C-012, 2/C-012, 3/C-012
21	2' BY 2' BY 2' BOULDERS PLACED 3' FROM EDGE OF PAVEMENT SPACED AT 8' O.C., LOCATION APPROXIMATE.	

SIGN & STRIPING NOTES

70 STRIPE-OUT 12" WIDE SOLID WHITE STOP BAR PER PLAN
71 STRIPE-OUT 4" WIDE SOLID WHITE STRIPE PER PLAN
72 STRIPE-OUT 50' LONG DOUBLE 4" WIDE SOLID WHITE STRIPE

FENCING CONSTRUCTION NOTES

80 CONSTRUCT 6' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-2

83 CONSTRUCT DOUBLE SWING CHAIN LINK FENCE GATE PER DETAIL WIDTH OF DOUBLE SWING CHAIN LINK FENCE GATE PER PLAN 7/C-009

LEGEND

NEW PAVEMENT AREAS

NEW CONCRETE

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

YEN WEN FANG LICENSED PROFESSIONAL ENGINEER No. 9361-C Exp. 04/30/16 HAWAII, U.S.A.

SIGNATURE

MARK	DATE	DESCRIPTION
1	4/10/14	MULTIPLE CHANGES TO SHEET
2	5/07/14	SHEET ADDED
3		

REVIEWED: DATE

DEPARTMENT OF PARKS AND RECREATION

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

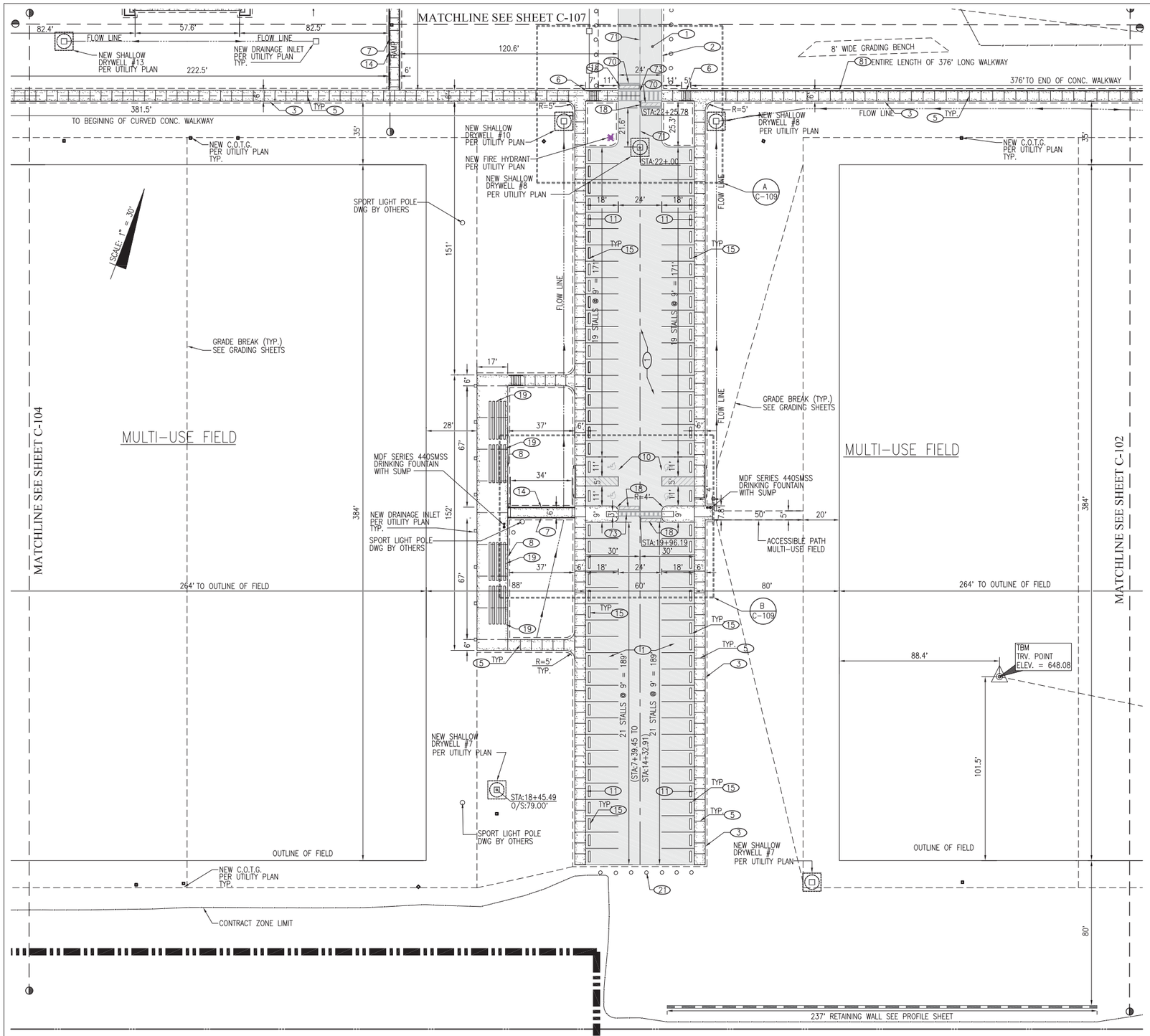
JOB NO.: PR-4234 PAHOA, PUNA, HAWAII TMK: (3) 1-5-002:020

DESIGNED BY: OH
DRAWN BY: OH
CHECKED BY: YWF

SHEET NO. C-111 OF SHEETS

DATE: 2014-02-10

PLAN SHEET DESCRIPTION: CIVIL PARTIAL SITE PLAN-DEDUCTIVE ALTERNATE #7-OMIT NEW PARKING & ACCESS ROAD



A PARTIAL SITE PLAN-DEDUCTIVE ALTERNATE #6- OMIT NEW PARKING LOT & ACCESS ROAD

SCALE: 1" = 30'

0 30' 60'

PAV'T CONSTRUCTION NOTES

1	CONSTRUCT 2" COUNTY MIX 3 A.C. PAV'T / 4" A.B. / 6" SUB-BASE PER DET.	8/C-008
2	CONSTRUCT A.C. PAV'T EDGE PER DET.	9/C-008
3	CONSTRUCT 4" THICK CONC. WALK AND RAMP PER DET.	3/C-007
5	CONSTRUCT CRACK CONTROL JOINT PER DET.	12/C-008
6	CONSTRUCT CONC. STAIRS W/ HANDRAILS PER DET.	4/C-009, 1/C-009
7	CONSTRUCT 36" HIGH HANDRAILS W/ THICKEN SLAB EDGE PER DET.	4/C-008, 3/C-009
8	CONSTRUCT 6" THICK CONC. SLAB PER DET.	3/C-007
10	CONSTRUCT & STRIPE OUT ADA ACCESSIBLE STANDARD & VAN PARKING W/ SIGNS PER DET.	1/C-007, 2/C-007
11	CONSTRUCT 6" CURB FACE AT A.C. PAVEMENT PER DET.	11/C-008
14	CONSTRUCT ADA ACCESSIBLE RAMP PER DET.	1/C-008
15	INSTALL PRE-CAST CONC. WHEEL STOP PER DET.	7/C-008
17	CONSTRUCT C.M.U/C.R.M. RETAINING WALL WITH 4' HIGH FENCE PER DET.	1/C-012, 2/C-012, 3/C-012
18	CONSTRUCT STRIPED A.C. PAVEMENT SPEED BUMP PER DET. WITH 4" WIDE YELLOW DIAGONAL STRIPING @ 2' O.C.	4/C-006
19	CONSTRUCT 21' LONG 5 TIER BLEACHERS PER SPECIFICATIONS	
21	2' BY 2' BY 2' BOULDERS PLACED 3' FROM EDGE OF PAVEMENT SPACED AT 8' O.C., LOCATION APPROXIMATE.	

SIGN & STRIPING NOTES

70	STRIPE-OUT 12" WIDE SOLID WHITE STOP BAR PER PLAN
71	STRIPE-OUT 4" WIDE SOLID WHITE STRIPE PER PLAN
73	STRIPE CROSSWALK, WIDTH PER PLAN, 1" WIDE STRIP AT EACH SIDE WITH 1" WIDE STRIPES SPACED AT 2.5' O.C. ALONG LENGTH OF CROSSWALK

FENCING CONSTRUCTION NOTES

80	CONSTRUCT 6' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-2
81	CONSTRUCT 4' HIGH CHAIN LINK FENCE PER CITY & COUNTY OF HONOLULU STD. DET. FOR PARKS & RECS. CONSTRUCTION STD. DET. F-1

LEGEND

NEW PAVEMENT

NEW CONCRETE

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

YEN WEN FANG
LICENSED PROFESSIONAL ENGINEER
Exp. 04/30/16
No. 9361-C
HAWAII, U.S.A.

SIGNATURE

MARK	DATE	DESCRIPTION
1	4/10/14	MULTIPLE CHANGES TO SHEET
2	5/07/14	SHEET ADDED
3		
4		
5		
6		

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: CIVIL PARTIAL SITE PLAN-DECUTIVE ALTERNATE #6-OMIT NEW PARKING & ACCESS ROAD

DESIGNED BY: OH
DRAWN BY: OH
CHECKED BY: YWF

SHEET NO. C-112

3 OF SHEETS

DATE: 2014-02-10