

EL CONQUISTADOR PARKWAY EXTENSION PHASE II

ROADWAY PLAN & PROFILE
STA 107+50- STA 113+00

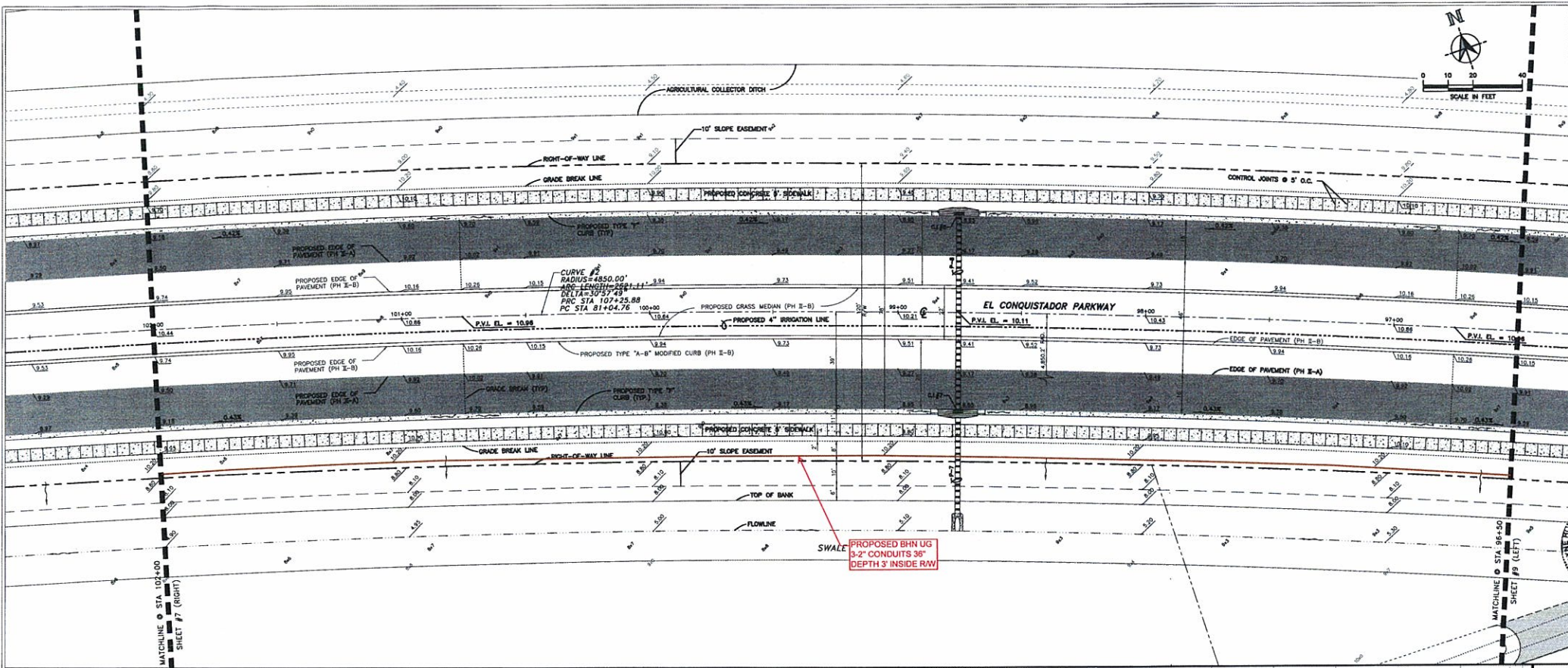
SHEET 6 OF

MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022, 26TH AVE. E.
BRADENTON, FL 34208

PROJECT NO. 081010
DRAWN BY: [Signature]
CHECKED BY: [Signature]
DATE: 11/15/10

SEAL: [Seal]
MANATEE COUNTY COMMISSIONER
PUBLIC WORKS DEPARTMENT
1022, 26TH AVE. E.
BRADENTON, FL 34208

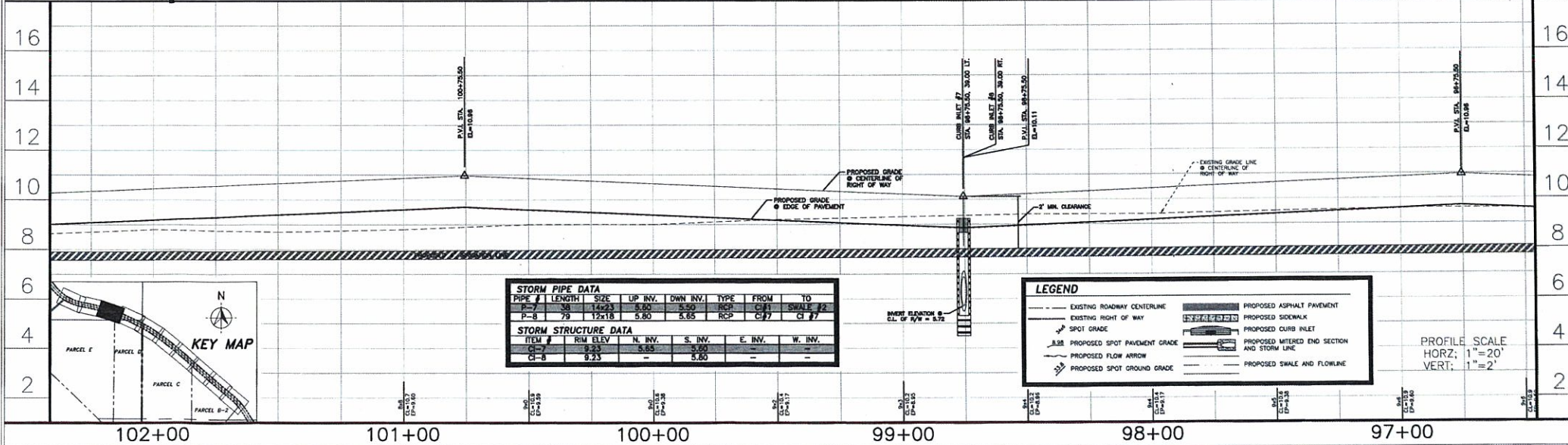
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MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E.
 BRADENTON, FL 34208

PROJECT NO. 102226
 DRAWN BY: J. [Name]
 CHECKED BY: [Name]
 DATE: 11/14/2010

SEAL: [Professional Engineer Seal]
 MANATEE COUNTY COMMISSIONER
 1022 26TH AVE. SE.
 BRADENTON, FL 34208



STORM PIPE DATA						
PIPE #	LENGTH	SIZE	UP INV.	DNV INV.	TYPE	FROM TO
P-7	38	12x18	5.80	5.80	RCP	C#7 C#7
P-8	79	12x18	5.80	5.65	RCP	C#7 C#7

STORM STRUCTURE DATA					
ITEM #	RIM ELEV.	N. INV.	S. INV.	E. INV.	W. INV.
C-7	8.23	5.85	5.60	-	-
C-8	9.23	-	5.80	-	-

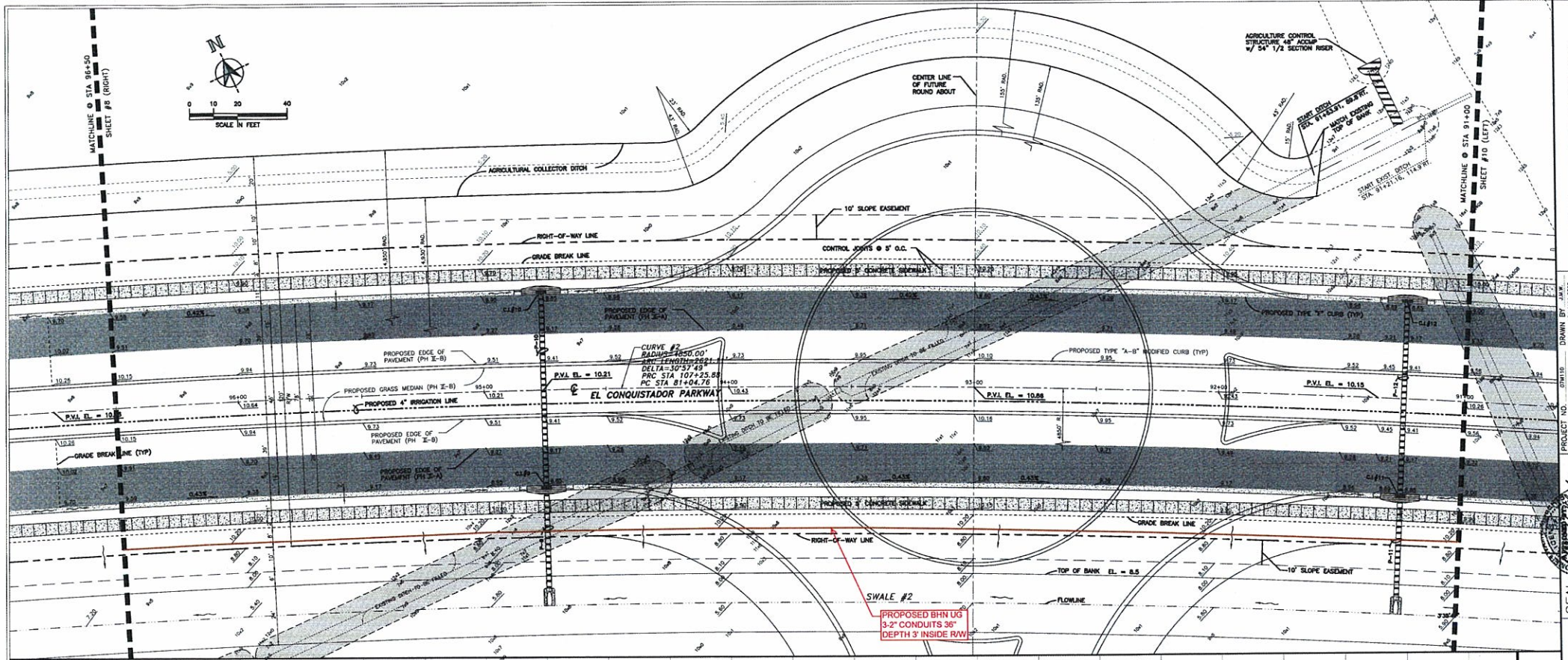
LEGEND	
---	EXISTING ROADWAY CENTERLINE
---	EXISTING RIGHT OF WAY
---	SPOT GRADE
---	PROPOSED SPOT PAVEMENT GRADE
---	PROPOSED FLOW ARROW
---	PROPOSED SPOT GROUND GRADE
---	PROPOSED ASPHALT PAVEMENT
---	PROPOSED SIDEWALK
---	PROPOSED CURB INLET
---	PROPOSED MITERED END SECTION AND STORM LINE
---	PROPOSED SWALE AND FLOWLINE

PROFILE SCALE
 HORZ: 1"=20'
 VERT: 1"=2'

EL CONQUISTADOR PARKWAY EXTENSION PHASE II

ROADWAY PLAN & PROFILE
 STA 97+00 - STA 102+00

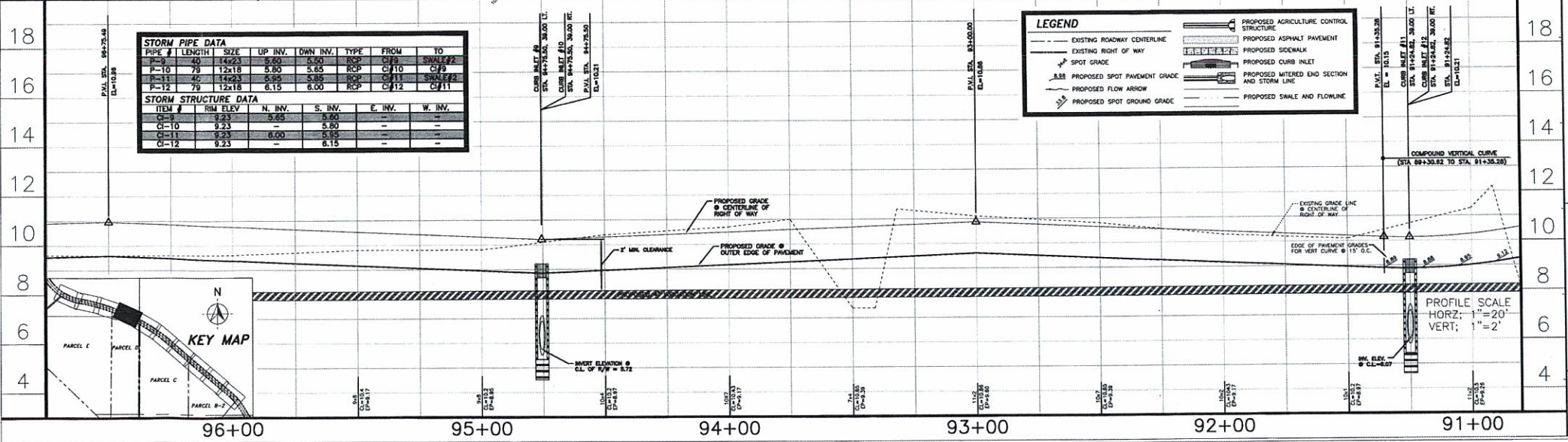
SHEET 8 OF



PIPE #	LENGTH	SIZE	UP INV.	DWN INV.	TYPE	FROM	TO
P-9	40	14x23	5.60	5.50	RCP	C#9	SWALE #2
P-10	79	12x18	5.80	5.85	RCP	C#10	C#9
P-11	40	14x23	5.95	5.85	RCP	C#11	SWALE #2
P-12	79	12x18	6.15	6.00	RCP	C#12	C#11

ITEM #	RIM ELEV.	N. INV.	S. INV.	E. INV.	W. INV.
C#-9	9.23	5.85	5.80	-	-
C#-10	9.23	-	5.80	-	-
C#-11	9.23	6.00	5.85	-	-
C#-12	9.23	-	6.15	-	-

LEGEND	
	EXISTING ROADWAY CENTERLINE
	EXISTING RIGHT OF WAY
	SPOT GRADE
	PROPOSED SPOT PAVEMENT GRADE
	PROPOSED FLOW ARROW
	PROPOSED SPOT GROUND GRADE
	PROPOSED AGRICULTURE CONTROL STRUCTURE
	PROPOSED ASPHALT PAVEMENT
	PROPOSED SIDEWALK
	PROPOSED CURB INLET
	PROPOSED MITERED END SECTION AND STORM LINE
	PROPOSED SWALE AND FLOWLINE



MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 28TH AVE. E.
BRADENTON, FL 34208

EL CONQUISTADOR PARKWAY EXTENSION PHASE II

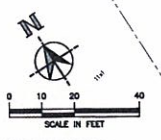
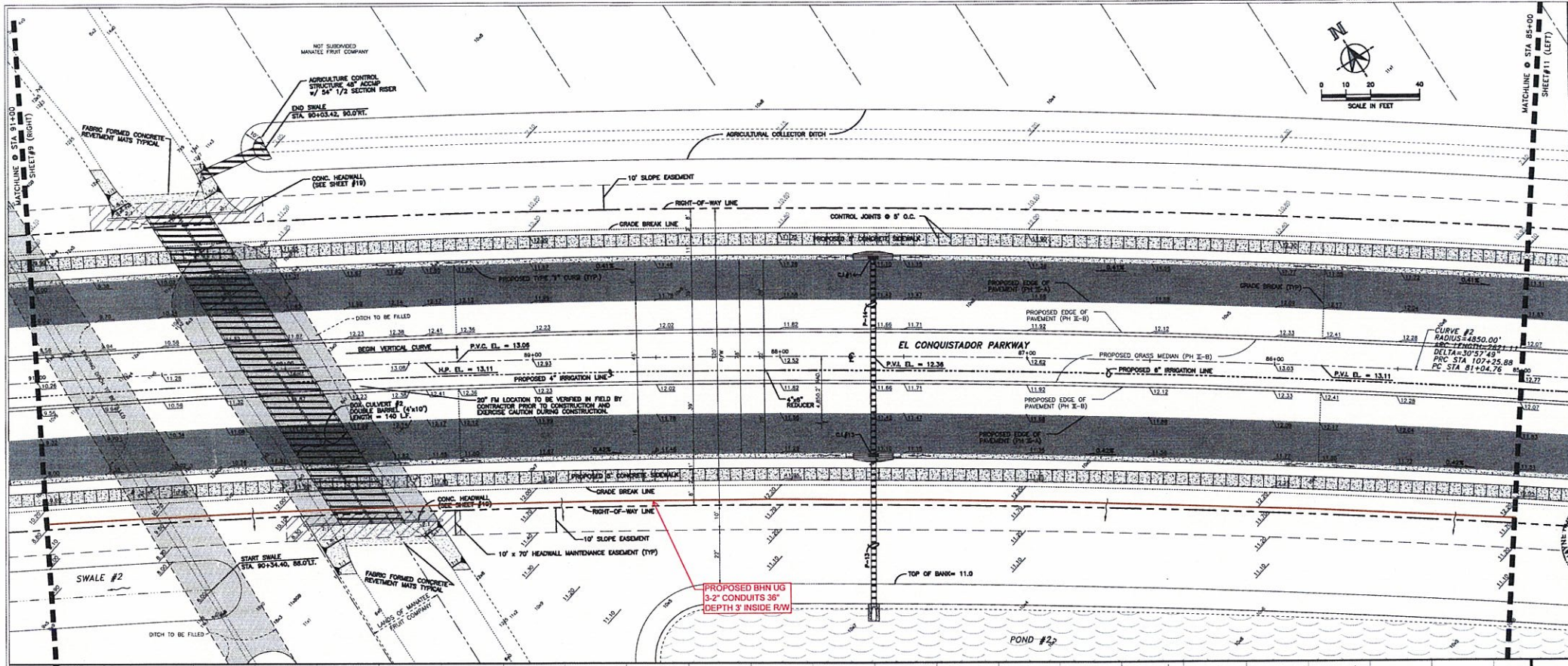
ROADWAY PLAN & PROFILE
STA 91+00 - STA 96+50

SHEET 9 OF

PROJECT NO. 011115	DRAWN BY JAK	DATE 11/15/17
CHECKED BY AMP	DATE 11/15/17	REVISIONS

SEAL: [Professional Engineer Seal] DATE: 11/15/17

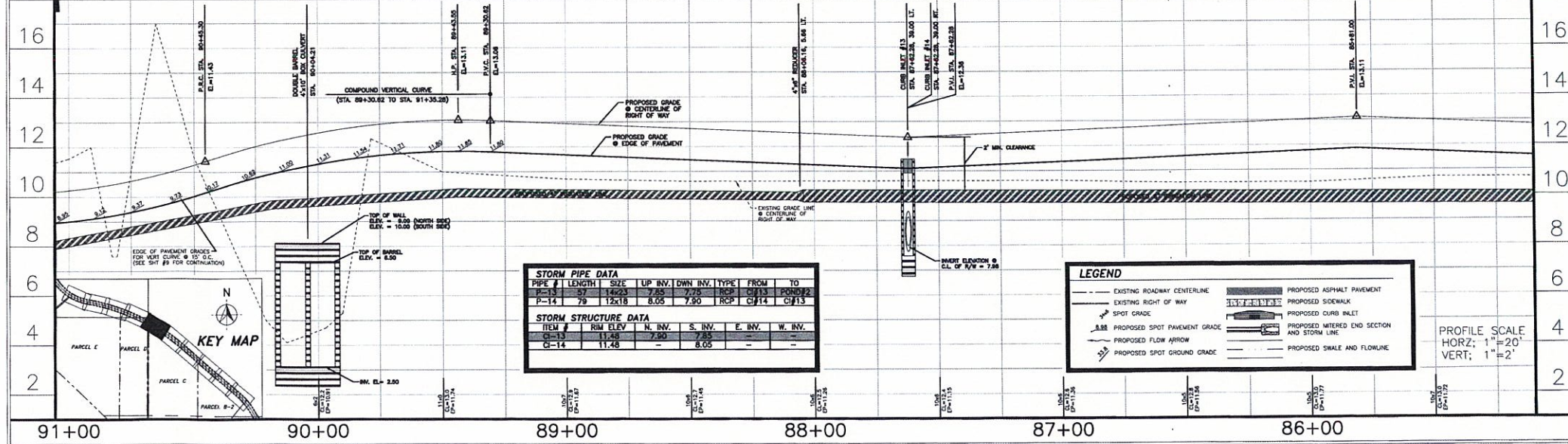
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MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 E. 26TH AVE. E.
 BRADENTON, FL 34208

PROJECT NO. 2015-01
 J.M.P. DATE 20 MAR 2015
 REVISIONS

SEAL
 MANATEE COUNTY GOVERNMENT
 PUBLIC WORKS DEPARTMENT
 BRADENTON, FL 34208

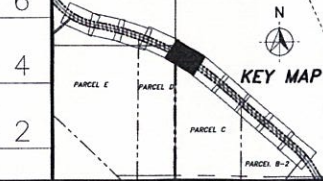


STORM PIPE DATA						
PIPE #	LENGTH	SIZE	UP INV.	DNV INV.	TYPE	FROM TO
P-14	79	12x18	8.05	7.90	RCP	CH14 CH13

STORM STRUCTURE DATA					
ITEM #	RIM ELEV.	N. INV.	S. INV.	E. INV.	W. INV.
CI-13	11.48	-	7.90	7.95	-
CI-14	11.48	-	8.05	-	-

LEGEND	
	EXISTING ROADWAY CENTERLINE
	EXISTING RIGHT-OF-WAY
	SPOT GRADE
	PROPOSED SPOT PAVEMENT GRADE
	PROPOSED FLOW ARROW
	PROPOSED SPOT GROUND GRADE
	PROPOSED ASPHALT PAVEMENT
	PROPOSED SIDEWALK
	PROPOSED CURB INLET
	PROPOSED MITERED END SECTION AND STORM LINE
	PROPOSED SWALE AND FLOWLINE

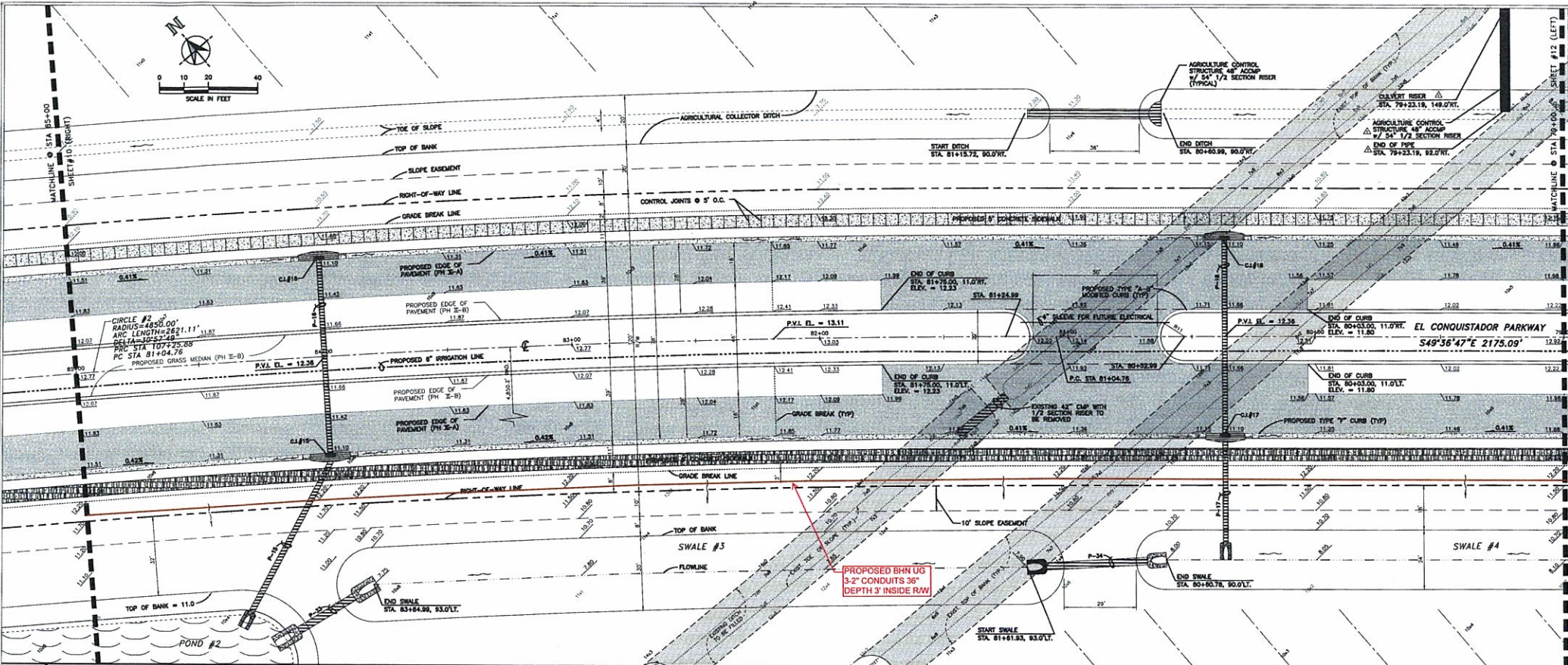
PROFILE SCALE
 HORZ: 1"=20'
 VERT: 1"=2'



EL CONQUISTADOR
 PARKWAY EXTENSION
 PHASE II

ROADWAY
 PLAN & PROFILE
 STA 86+00 - STA 91+00

SHEET
 10
 OF

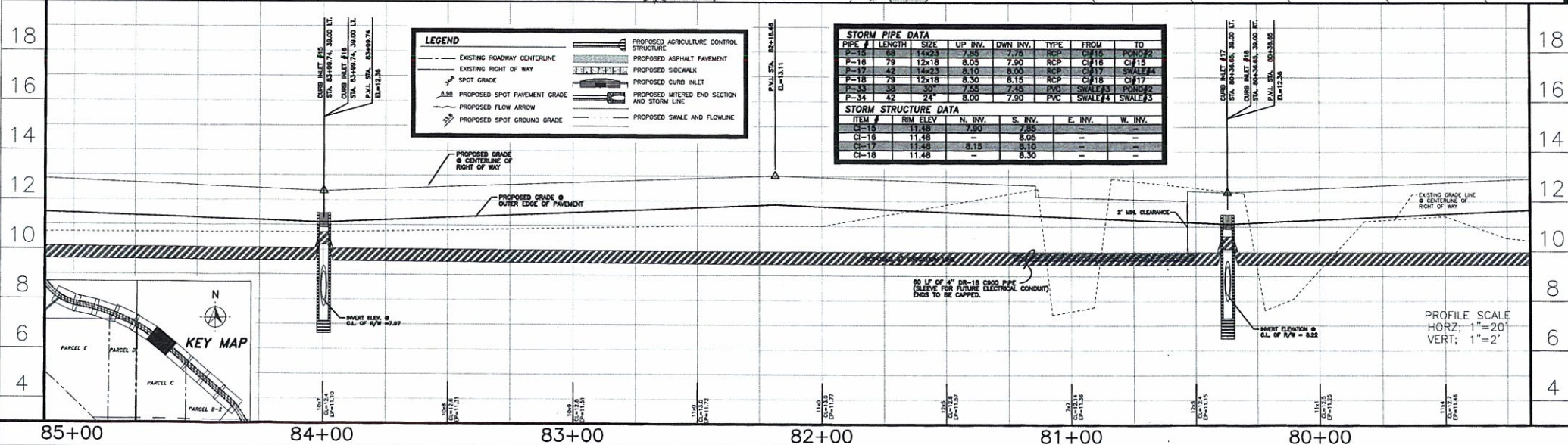


MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208



REVISIONS

NO.	DATE	BY	DESCRIPTION
1	12/15/10	JKP	ISSUED FOR PERMITS
2	01/20/11	JKP	ISSUED FOR PERMITS
3	02/02/11	JKP	ISSUED FOR PERMITS
4	02/02/11	JKP	ISSUED FOR PERMITS
5	02/02/11	JKP	ISSUED FOR PERMITS
6	02/02/11	JKP	ISSUED FOR PERMITS
7	02/02/11	JKP	ISSUED FOR PERMITS
8	02/02/11	JKP	ISSUED FOR PERMITS
9	02/02/11	JKP	ISSUED FOR PERMITS
10	02/02/11	JKP	ISSUED FOR PERMITS
11	02/02/11	JKP	ISSUED FOR PERMITS
12	02/02/11	JKP	ISSUED FOR PERMITS
13	02/02/11	JKP	ISSUED FOR PERMITS
14	02/02/11	JKP	ISSUED FOR PERMITS
15	02/02/11	JKP	ISSUED FOR PERMITS
16	02/02/11	JKP	ISSUED FOR PERMITS
17	02/02/11	JKP	ISSUED FOR PERMITS
18	02/02/11	JKP	ISSUED FOR PERMITS
19	02/02/11	JKP	ISSUED FOR PERMITS
20	02/02/11	JKP	ISSUED FOR PERMITS



LEGEND

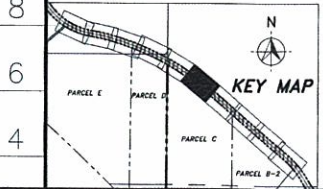
	EXISTING ROADWAY CENTERLINE		PROPOSED AGRICULTURE CONTROL STRUCTURE
	EXISTING RIGHT OF WAY		PROPOSED ASPHALT PAVEMENT
	SPOT GRADE		PROPOSED SIDEWALK
	PROPOSED SPOT PAVEMENT GRADE		PROPOSED CURB INLET
	PROPOSED FLOW ARROW		PROPOSED WATERED END SECTION AND STORM LINE
	PROPOSED SPOT GROUND GRADE		PROPOSED SWALE AND FLOWLINE

STORM PIPE DATA

PIPE #	LENGTH	SIZE	UP INV.	DWN INV.	TYPE	FROM	TO
P-16	79	12x18	8.05	7.85	RCP	C#16	C#15
P-17	42	14x23	6.10	8.00	RCP	C#17	SWALE#4
P-18	79	12x18	8.30	8.15	RCP	C#18	C#17
P-33	30	30"	7.55	7.45	PVC	SWALE#3	SWALE#3
P-34	42	24"	8.00	7.90	PVC	SWALE#4	SWALE#3

STORM STRUCTURE DATA

ITEM #	RIM ELEV.	N. INV.	S. INV.	E. INV.	W. INV.
CI-15	11.48	-	7.80	7.85	-
CI-16	11.48	-	8.05	-	-
CI-17	11.48	-	8.10	-	-
CI-18	11.48	-	8.30	-	-



EL CONQUISTADOR PARKWAY EXTENSION PHASE II

ROADWAY PLAN & PROFILE
STA 79+00 - STA 85+00

SHEET 11 OF

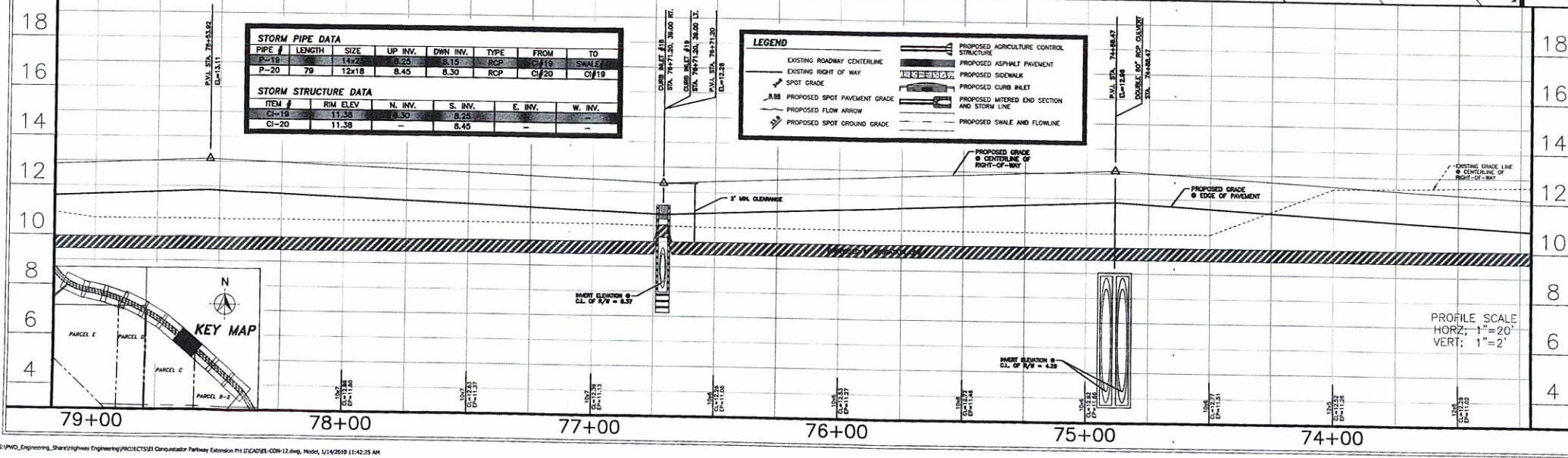
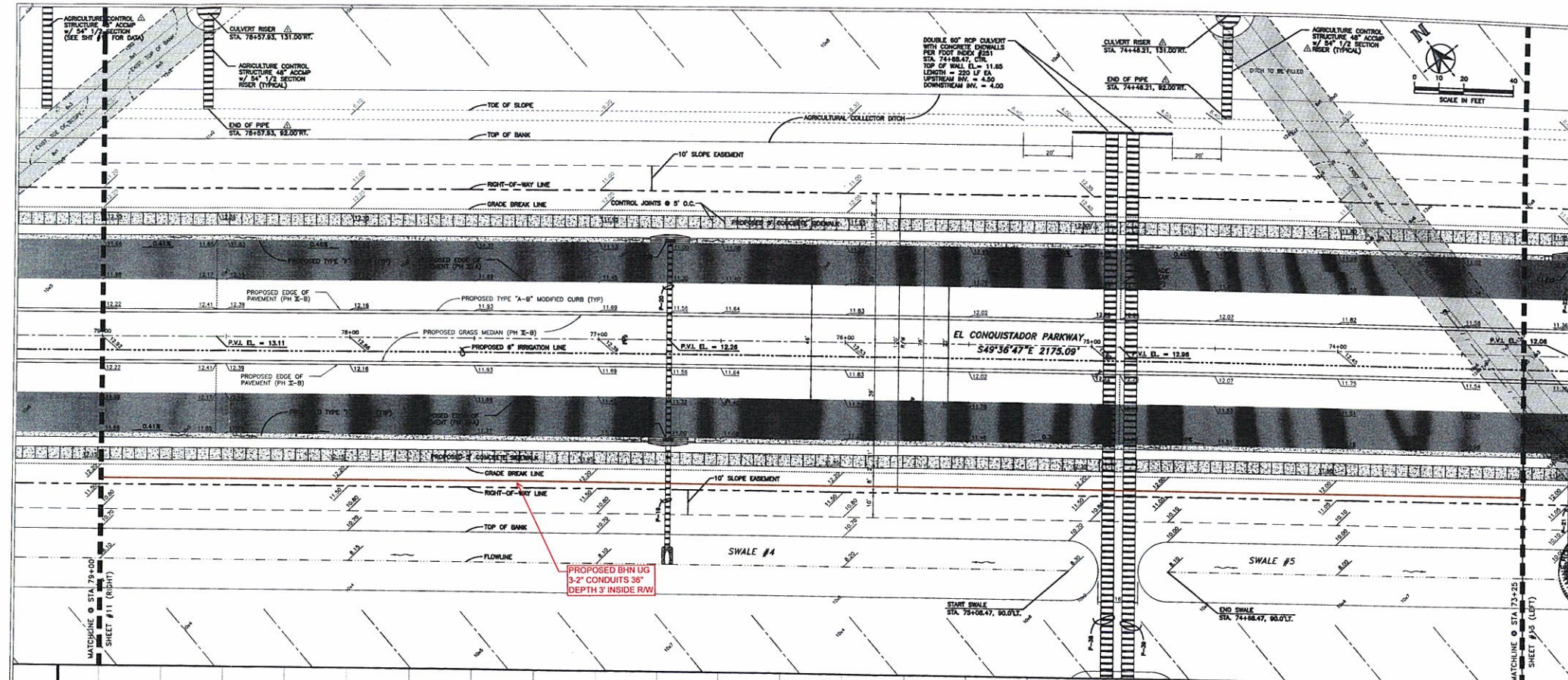
MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208



PROJECT NO. 20110 DRAWN BY: ALK
CHECKED BY: JLM
DATE: 28 FEB 2007
REVISIONS:
DATE: 19 JAN 2008
DATE: 19 JAN 2008
DATE: 19 JAN 2008
DATE: 19 JAN 2008
DATE: 19 JAN 2008
DATE: 19 JAN 2008

EL CONQUISTADOR
PARKWAY EXTENSION
PHASE II

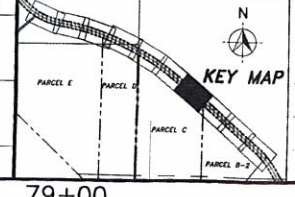
ROADWAY
PLAN & PROFILE
STA 73+25 - STA 79+00
SHEET
12
OF

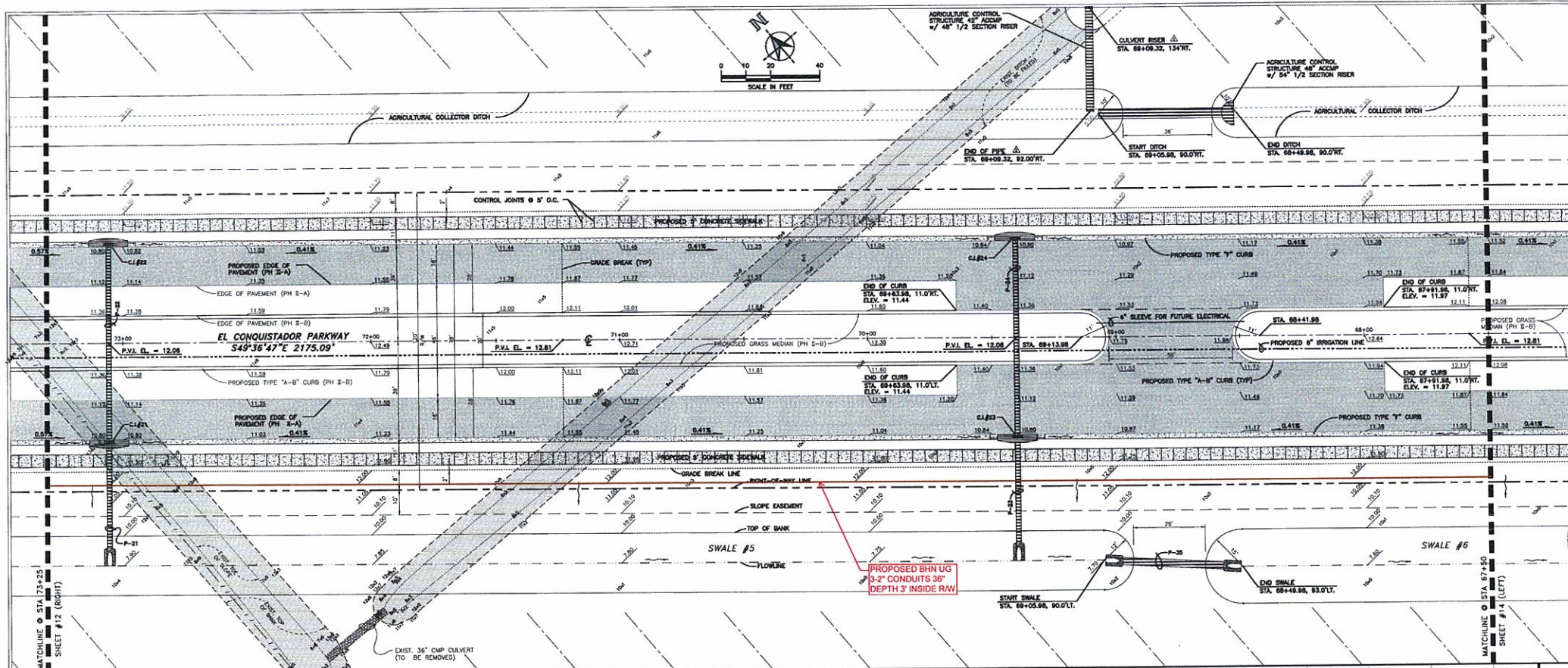
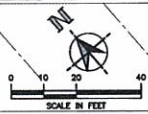


STORM PIPE DATA							
PIPE #	LENGTH	SIZE	UP INV.	DWN INV.	TYPE	FROM	TO
P-19	14x22		3.25	3.15	RCP	CI#19	SWALE
P-20	79	12x18	8.45	8.30	RCP	CI#20	CI#19

STORM STRUCTURE DATA					
ITEM #	RIM ELEV.	N. INV.	S. INV.	E. INV.	W. INV.
CI-18	11.35	8.30	8.25	-	-
CI-20	11.38	-	8.45	-	-

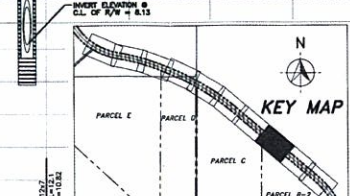
LEGEND	
	EXISTING ROADWAY CENTERLINE
	EXISTING RIGHT OF WAY
	SPOT GRADE
	PROPOSED SPOT PAVEMENT GRADE
	PROPOSED FLOW ARROW
	PROPOSED SPOT GROUND GRADE
	PROPOSED AGRICULTURE CONTROL STRUCTURE
	PROPOSED ASPHALT PAVEMENT
	PROPOSED SIDEWALK
	PROPOSED CURB INLET
	PROPOSED MITERED END SECTION AND STORM LINE
	PROPOSED SWALE AND FLOWLINE





STORM PIPE DATA						
PIPE #	LENGTH	SIZE	UP INV.	DWN INV.	TYPE	FROM TO
P-21	42	14x23	8.00	7.90	RCP	CI-21 SWALE#7
P-22	79	12x18	8.20	8.05	RCP	CI-22 CI-21
P-23	42	14x23	7.65	7.75	RCP	CI-23 SWALE#7
P-24	79	12x18	8.05	7.90	RCP	CI-24 CI-23
P-25	42	24"	7.70	7.85	PVC	SWALE#7 SWALE#8

STORM STRUCTURE DATA						
ITEM #	R/W ELEV	N. INV.	S. INV.	E. INV.	W. INV.	
CI-21	11.18	8.05	8.00	-	-	-
CI-22	11.18	-	8.20	-	-	-
CI-23	11.18	7.90	7.85	-	-	-
CI-24	11.18	-	8.05	-	-	-



LEGEND	
	EXISTING ROADWAY CENTERLINE
	EXISTING RIGHT OF WAY
	SPOT GRADE
	PROPOSED SPOT PAVEMENT GRADE
	PROPOSED FLOW ARROW
	PROPOSED SPOT GROUND GRADE
	PROPOSED AGRICULTURE CONTROL STRUCTURE
	PROPOSED ASPHALT PAVEMENT
	PROPOSED SIDEWALK
	PROPOSED CURB INLET
	PROPOSED MITERED END SECTION AND STORM LINE
	PROPOSED SWALE AND FLOWLINE

PROFILE SCALE
 HORZ: 1"=20'
 VERT: 1"=2'

EL CONQUISTADOR PARKWAY EXTENSION PHASE II

ROADWAY PLAN & PROFILE
 STA 67+50 - STA 73+25

SHEET 13 OF

MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE., E.
 BRADENTON, FL 34208

PROJECT NO.	07412	DRAWN BY	JAW
CHECKED BY	JMP	DATE	24 FEB 2007
REVISIONS		DATE	
1	ISSUED FOR CONSTRUCTION	15 JAN 2007	J.M.
2	ISSUED FOR AS-BUILT	19 JAN 2007	J.M.

SEAL: [Professional Engineer Seal]
 DATE: 1/17/07



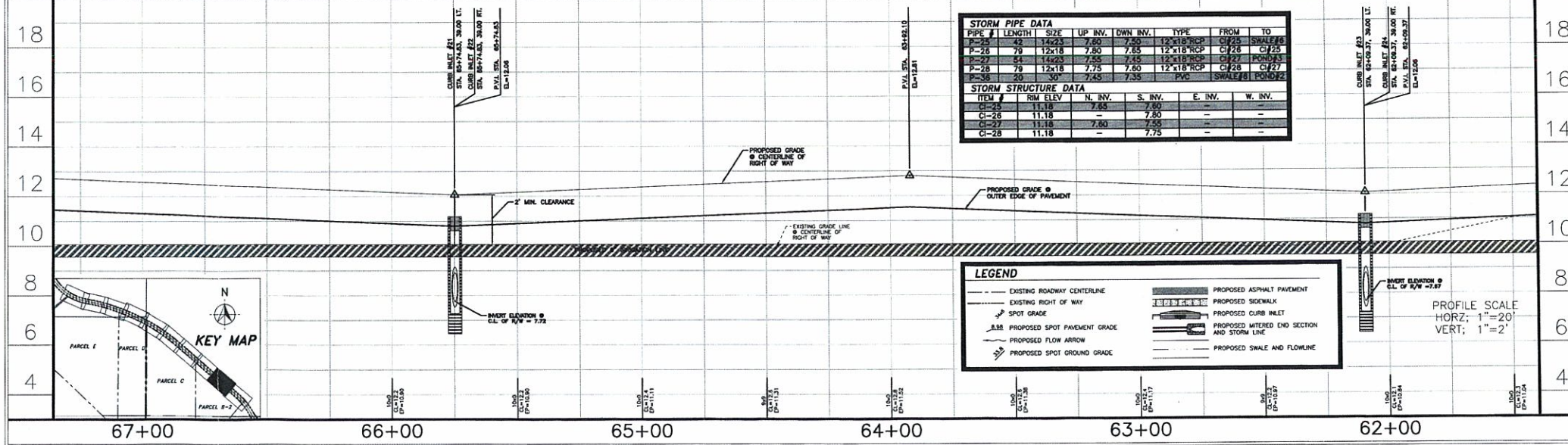
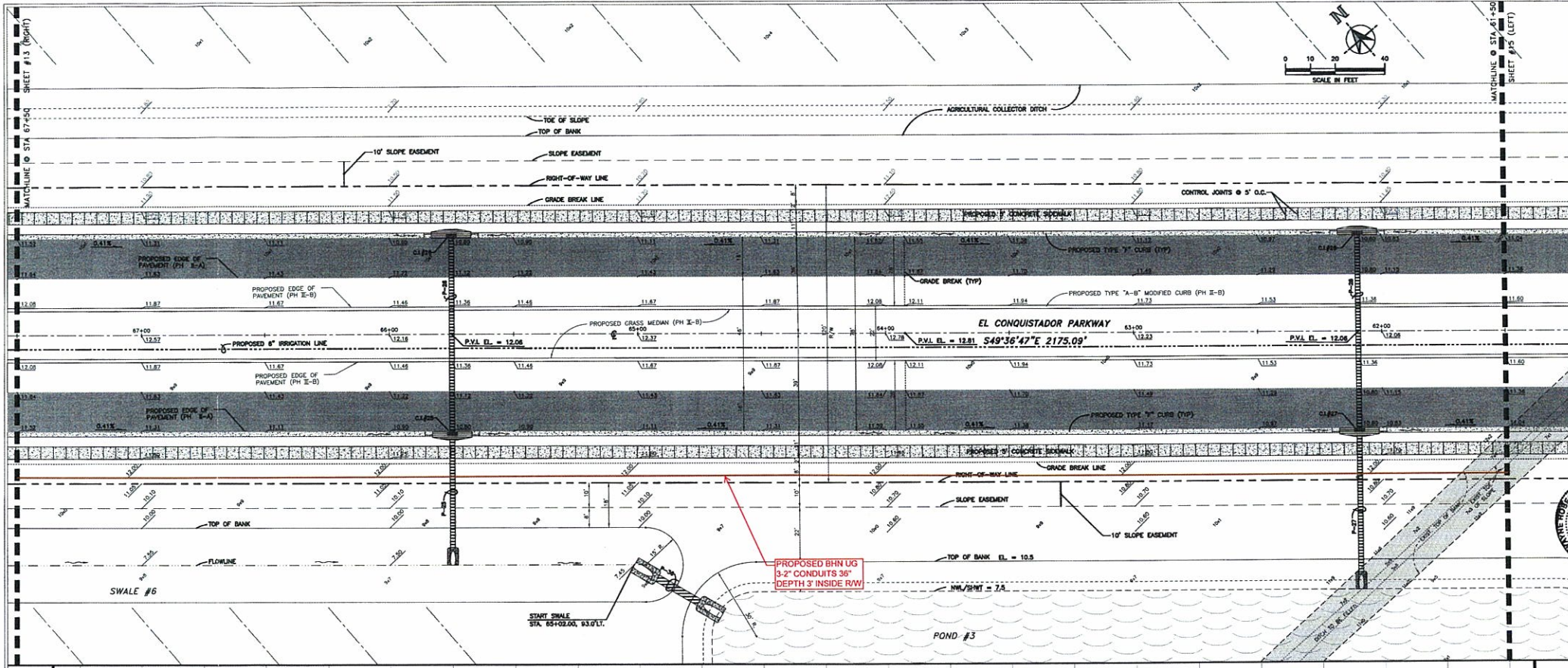
PROJECT NO. 0815
DRAWN BY: J.M.P.
CHECKED BY: J.M.P.
DATE: 24 MAY 2009

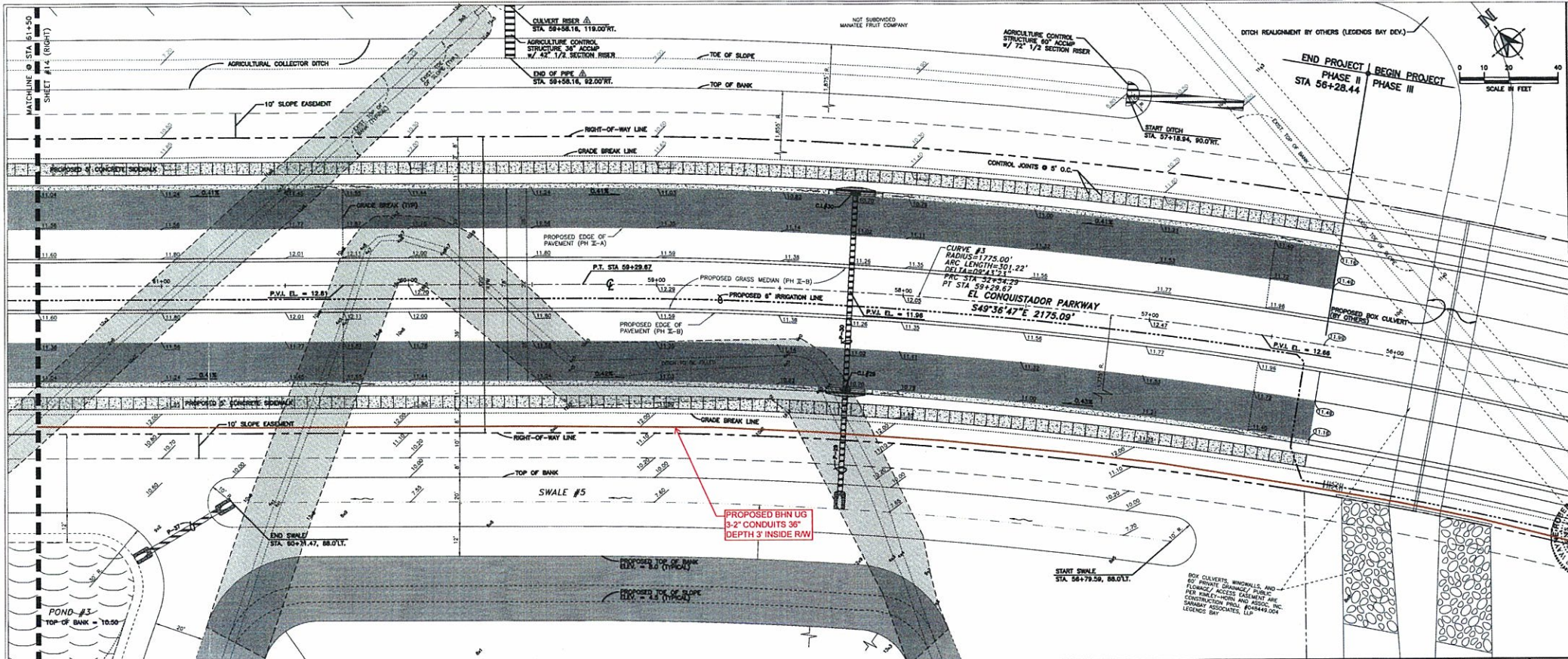
SEAL: DAVID W. ...
MANATEE COUNTY GOVERNMENT
PUBLIC WORKS DEPARTMENT
BRADENTON, FL 34208

EL CONQUISTADOR
PARKWAY EXTENSION
PHASE II

ROADWAY
PLAN & PROFILE

SHEET
14
OF



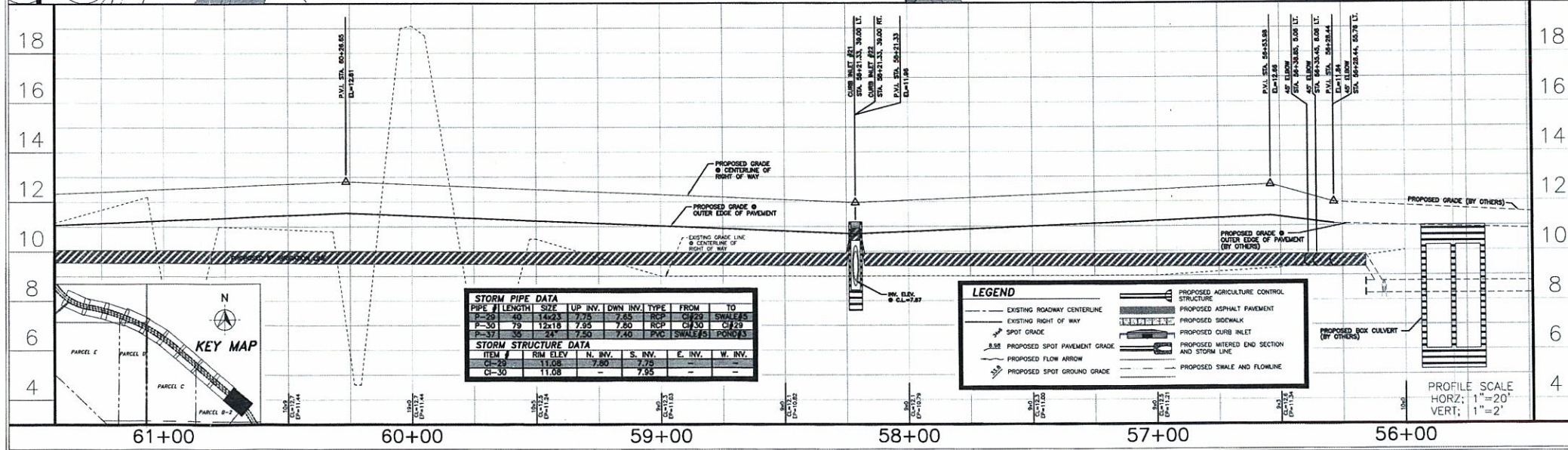


MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
BRADENTON, FL 34208

PROJECT NO. 20110101
DRAWN BY: J.M.P.
DATE: 23 FEB 2011
CHECKED BY: J.M.P.
DATE: 14 JUN 2011
REVISIONS:
1. REVISED PER SWANSON COMMENTS ON 2/23/11
2. REVISED PER SWANSON COMMENTS ON 3/15/11
3. REVISED PER SWANSON COMMENTS ON 3/15/11

SEAL: [Professional Engineer Seal]

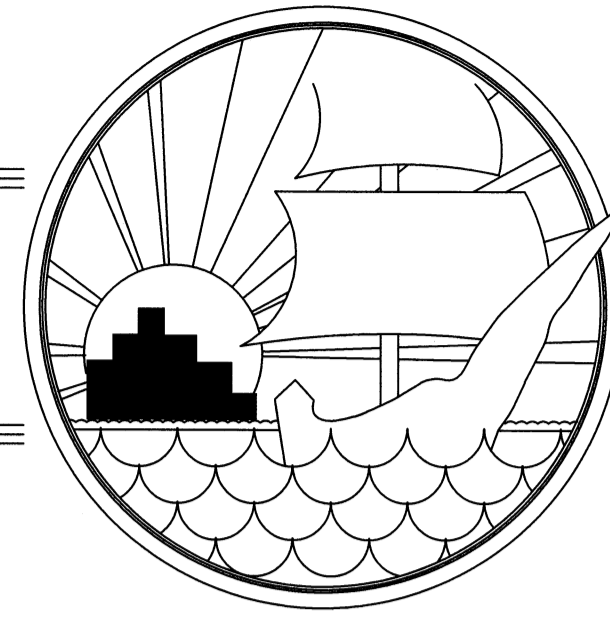
DATE: 1/19/11



EL CONQUISTADOR PARKWAY EXTENSION PHASE II

ROADWAY PLAN & PROFILE
STA 56+00 - STA 61+50

SHEET 15 OF



MANATEE COUNTY, FLORIDA

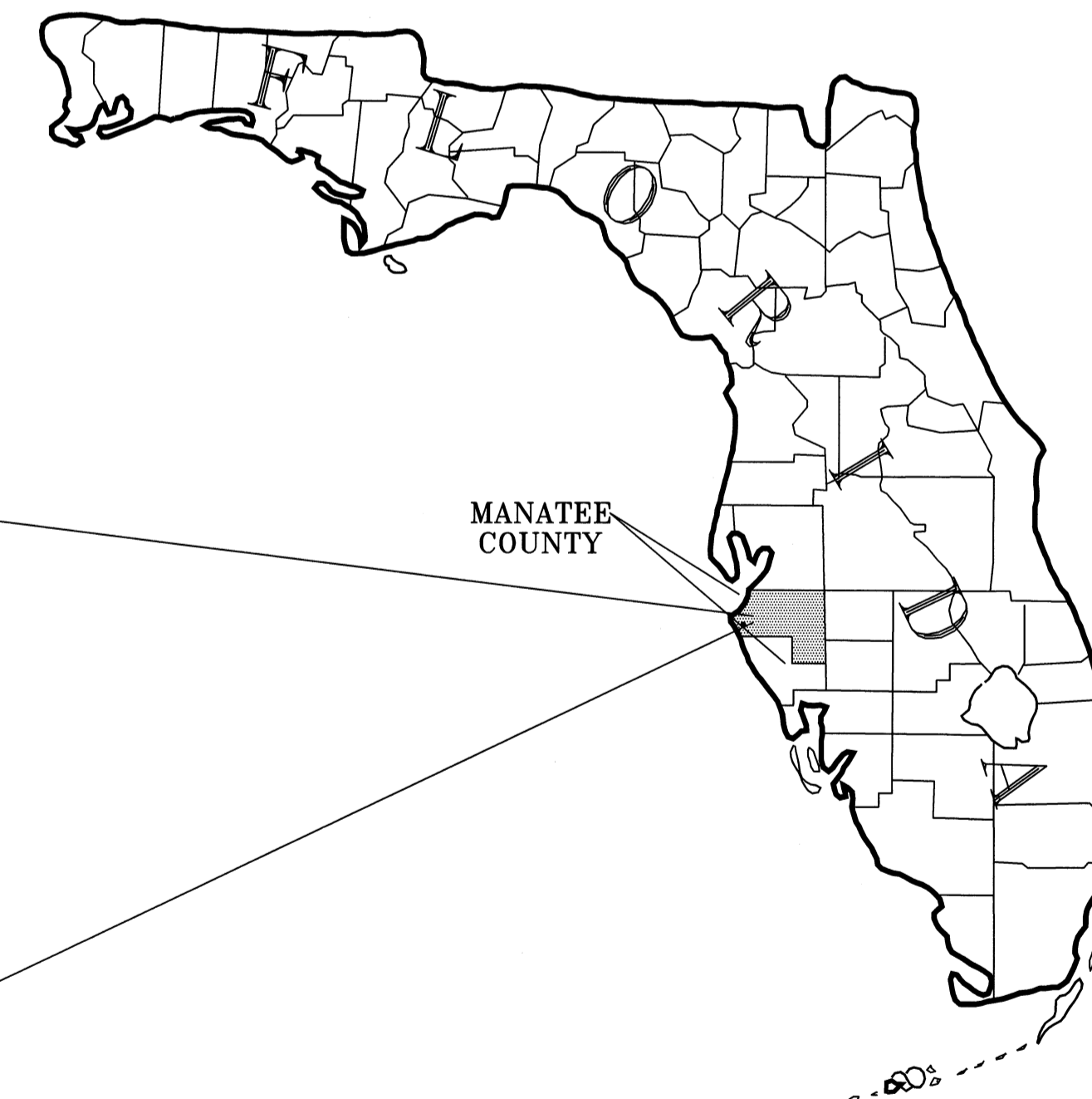
EL CONQUISTADOR PARKWAY EXTENSION

PHASE II

CONSTRUCTION PLANS

INDEX TO SHEETS	
1.	COVER
1A.	QUANTITIES
2.	EXISTING CONDITIONS W/PROJECT OVERLAY
3.	SURVEY CONTROL & BENCH MARK
3A.	HORIZONTAL & VERTICAL CONTROL PLAN
3B.	HORIZONTAL & VERTICAL CONTROL PLAN
3C.	RIGHT OF WAY AND EASEMENT MAP
3D.	RIGHT OF WAY AND EASEMENT MAP
4.	MASTER STORMWATER DRAINAGE PLAN
5.	TYPICAL ROADWAY CROSS-SECTION W/CURB DETAILS
6.	ROADWAY PLAN & PROFILE (STA. 107+50 - 113+00)
7.	ROADWAY PLAN & PROFILE (STA. 102+00 - 107+50)
8.	ROADWAY PLAN & PROFILE (STA. 96+50 - 102+00)
9.	ROADWAY PLAN & PROFILE (STA. 91+00 - 96+50)
10.	ROADWAY PLAN & PROFILE (STA. 85+00 - 91+00)
11.	ROADWAY PLAN & PROFILE (STA. 79+00 - 85+00)
12.	ROADWAY PLAN & PROFILE (STA. 73+25 - 79+00)
13.	ROADWAY PLAN & PROFILE (STA. 67+50 - 73+25)
14.	ROADWAY PLAN & PROFILE (STA. 61+50 - 67+50)
15.	ROADWAY PLAN & PROFILE (STA. 56+28 - 61+50)
16.	POND #1 LAYOUT AND DETAILS
17.	POND #2 LAYOUT AND DETAILS
18.	POND #3 LAYOUT AND DETAILS
19.	BOX CULVERT CONSTRUCTION DETAILS
20.	STORMWATER CONSTRUCTION DETAILS
21.	SEDIMENT & EROSION CONTROL / DEWATERING PLAN
22.	BEST MANAGEMENT PRACTICES AND SE&C DETAILS
23.	ROADWAY STRIPING PLAN (STA. 102+00 - 113+00)
24.	ROADWAY STRIPING PLAN (STA. 91+00 - 102+00)
25.	ROADWAY STRIPING PLAN (STA. 79+00 - 91+00)
26.	ROADWAY STRIPING PLAN (STA. 67+50 - 79+00)
27.	ROADWAY STRIPING PLAN (STA. 56+28 - 67+50)
28.	GRADING CROSS-SECTIONS (STA. 112+00 - 104+00)
29.	GRADING CROSS-SECTIONS (STA. 103+00 - 94+00)
30.	GRADING CROSS-SECTIONS (STA. 93+00 - 84+00)
31.	GRADING CROSS-SECTIONS (STA. 83+00 - 74+00)
32.	GRADING CROSS-SECTIONS (STA. 73+00 - 64+00)
33.	GRADING CROSS-SECTIONS (STA. 63+00 - 56+28)

SITE LOCATION MAP



SEC. 7&18, TWP. 35 S, RNG. 17 E.

SURVEY BY WILSON MILLER
6900 PROFESSIONAL PARKWAY EAST
SUITE 100
SARASOTA, FL 34240-8414
941-907-6900

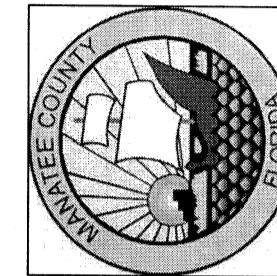
APPROVED BY:

SIA MOLLANZAR, P.E.
FLORIDA P.E. # 42903
MANATEE COUNTY GOVERNMENT
PUBLIC WORKS DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208
DATE: 4-11-11

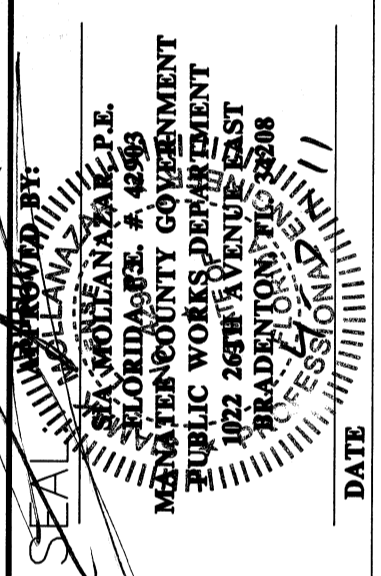
El Conquistador Parkway Extension Phase IIA Bid Form

LINE NO.	ITEM NO.	DESCRIPTION	EST. QTY	U/M
1.	101-1	Mobilization	1.00	LS
2.	102-1-1	Maintenance of Traffic	1.00	LS
3.	104-12	Turbidity Barrier, Staked	200.00	LF
4.	104-10-3	Sediment Barrier (Incl's Silt Fence and Synthetic Bales)	12,897.00	LF
5.	104-15	Soil Tracking Prevention Device	1.00	EA
6.	104-16	Rock Bags	600.00	EA
7.	110-1-1	Clearing & Grubbing	25.00	AC
8.	120-1	Regular Excavation (Includes Ponds)	30,821.00	CY
9.	120-3-MC	Lateral Ditch Excavation (Includes Embankment and is for all work outside of ROW)	1.00	LS
10.	120-4	Excavation, Subsoil (Roadway)	2,215.00	CY
11.	120-6	Embankment (Regular)	29,364.00	CY
12.	160-4	12" Type B Stabilization (LBR 60)	26,287.00	SY
13.	285-706	Optional Base Group 6: Limerock 8" LBR 100	22,311.00	SY
14.	331-2-MC	2" Type S-1 Asphalt Concrete (Incl Tack Coat) 200#/SY FDOT 2000	2,231.00	TN
15.	337-7-MC	1" Asphaltic Friction Course (FC III) 100 #/SY FDOT 2000	1,116.00	TN
16.	410-70-MC	Single Barrel - 4'x10' Box Culvert (Includes Wing walls)	136.00	LF
17.	410-70-MC	Double Barrel - 4'x10' Box Culvert (Includes Wing walls)	140.00	LF
18.	400-1-2	Class I Concrete (Endwalls)	23.00	CY
19.	400-1-15	Class I Concrete (Misc) OCS Concrete Pads	1.00	CY
20.	425-1-361	Inlets (Curb) (Type P-6) (<10')	30.00	EA
21.	425-1-549	Inlet (Dt Bot) (Type D Modified) (<10') Outfall Control Structure	3.00	EA
22.	430-174-101	Pipe Storm Sewer Culv (PVC C900 DR-18)(24")	166.00	LF
23.	430-174-102	Pipe Storm Sewer Culv (PVC C900 DR-18)(30")	222.00	LF
24.	430-175-102-MC	Pipe Storm Sewer Culv (ACMP)(36")	71.00	LF
25.	430-175-103-MC	Pipe Storm Sewer Culv (ACMP)(42")	44.00	LF
26.	430-175-103-MC	Pipe Storm Sewer Culv (ACMP)(48")	384.00	LF
27.	430-175-104	Pipe Storm Sewer Culv (RCP)(60")	414.00	LF
28.	430-175-104-MC	Pipe Storm Sewer Culv (ACMP)(60")	49.00	LF
29.	430-175-201	Pipe Storm Sewer Culv (ERCP) (12"x18")	1,185.00	LF
30.	430-175-201	Pipe Storm Sewer Culv (ERCP) (14"x23")	680.00	LF
31.	430-175-203-MC	Pipe Storm Sewer Culv (ACMP)(42")(1/2 Section Riser) 6' Height	2.00	EA
32.	430-175-203-MC	Pipe Storm Sewer Culv (ACMP)(48")(1/2 Section Riser) 6' Height	1.00	EA
33.	430-175-204-MC	Pipe Storm Sewer Culv (ACMP) (54") (1/2 Section Riser) 6' Height	9.00	EA
34.	430-175-205-MC	Pipe Storm Sewer Culv (ACMP)(72")(1/2 Section Riser) 6' Height	1.00	EA
35.	430-982-625	Mitered End Section, Optional - Elliptical/14"x23"	15.00	EA
36.	430-984-129	Mitered End Section, Optional - Round/24"	8.00	EA
37.	430-984-133	Mitered End Section, Optional - Round/30"	7.00	EA
38.	515-1-2	Pipe Handrail (Aluminum)	265.00	LF
39.	520-1-8	Type AB (Special) Curb & Gutter	1,050.00	LF
40.	520-1-10	Type F Curb & Gutter	11,296.00	LF
41.	522-1	4" Concrete Sidewalk	6,276.00	SY
42.	524-MC	Concrete Ditch Pavement - Non-Reinforced - Fabric Formed Concrete Mat - 8" Filter Points	582.00	SY
43.	530-3-4	Rip-Rap (Rubble) (Ditch Lining)	176.00	TN
44.	908-104-1	Contractor's Sediment and Erosion Control Incl'd's Dewatering/Sump/Pipe/Spreader, Swale, etc.	1.00	LS
45.	700-20-11	Sign Single Post, <12 S.F.	13.00	EA
46.	706-3	Reflective Pavement Marker, All Colors	326.00	EA
47.	710-12-290	Reflective Paint (Island Nose) (Yellow)	117.00	SF
48.	711-11-160	Pavement Messages, Thermoplastic (Bike Lane Markings)	12.00	EA
49.	711-11-170	Directional Arrows, Thermoplastic	8.00	EA
50.	711-11-241	Skip Traffic Stripe, 10'-30' Yellow, Thermoplastic, 6"	340.00	LF
51.	711-11-222	Solid Traffic Stripe, 8" Yellow, Thermoplastic	785.00	LF
52.	711-11-224	Solid Traffic Stripe, 18" Yellow, Thermoplastic	531.00	LF
53.	711-11-121	Solid Traffic Stripe, 6" White, Thermoplastic	11,251.00	LF
54.	711-11-221	Solid Traffic Stripe, 6" Yellow, Thermoplastic	10,054.00	LF
55.	715-2-11	Lighting Conduit (Electrical, 4" PVC DR 18)	233.00	LF
56.	570-1-1	Performance Turf (Hydroseed)	12,551.00	SY
57.	570-1-2	Performance Turf (Bahia Sod)	48,896.00	SY
58.	MC-U	3" PVC casing (purple, reclaim water)	168.00	LF
59.	MC-U	12" Ductile Iron Pipe (reclaim water)	98.00	LF
60.	MC-U	12" Caps/Plugs	2.00	EA
61.	MC-U	Joint Restraints	4.00	EA

MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208



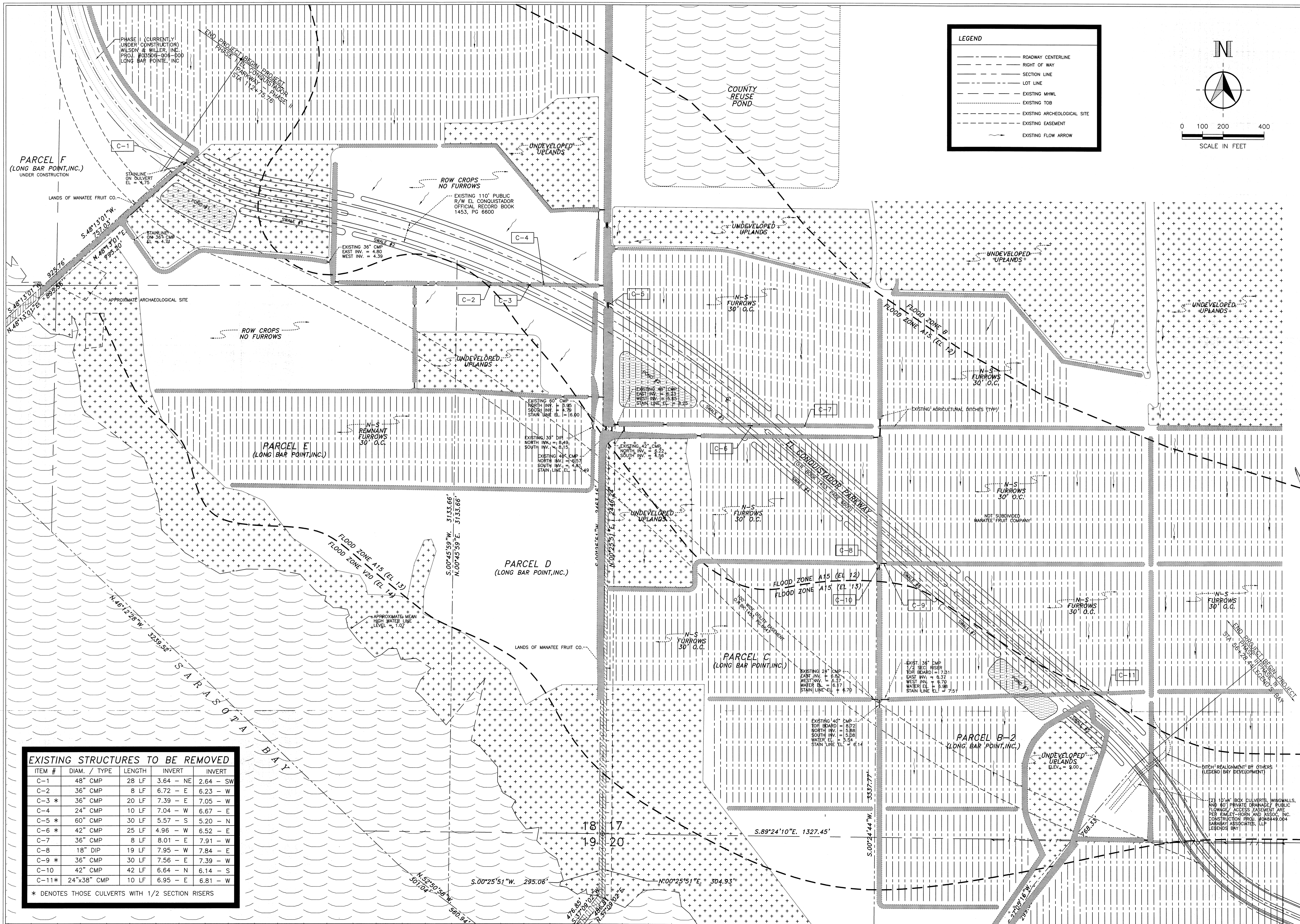
PROJECT NO. 07110 CHECKED BY: JAW REVISIONS:	DRAWN BY: JAW DATE: 22 FEB 2007 DATE:
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**EL CONQUISTADOR
PARKWAY EXTENSION
PHASE II**

QUANTITIES

SHEET
1A
OF



LEGEND

- ROADWAY CENTERLINE
- RIGHT OF WAY
- SECTION LINE
- LOT LINE
- EXISTING MHWL
- EXISTING TOB
- EXISTING ARCHEOLOGICAL SITE
- EXISTING EASEMENT
- EXISTING FLOW ARROW

N

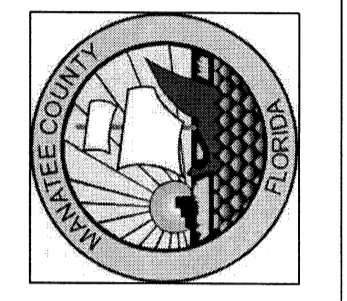
SCALE IN FEET

EXISTING STRUCTURES TO BE REMOVED

ITEM #	DIAM. / TYPE	LENGTH	INVERT	INVERT
C-1	48" CMP	28 LF	3.64 - NE	2.64 - SW
C-2	36" CMP	8 LF	6.72 - E	6.23 - W
C-3 *	36" CMP	20 LF	7.39 - E	7.05 - W
C-4	24" CMP	10 LF	7.04 - W	6.67 - E
C-5 *	60" CMP	30 LF	5.57 - S	5.20 - N
C-6 *	42" CMP	25 LF	4.96 - W	6.52 - E
C-7	36" CMP	8 LF	8.01 - E	7.91 - W
C-8	18" DIP	19 LF	7.95 - W	7.84 - E
C-9 *	36" CMP	30 LF	7.56 - E	7.39 - W
C-10	42" CMP	42 LF	6.64 - N	6.14 - S
C-11*	24"x38" CMP	10 LF	6.95 - E	6.81 - W

* DENOTES THOSE CULVERTS WITH 1/2 SECTION RISERS

MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E.
 BRADENTON, FL 34208



PROJECT NO. 07M110 DRAWN BY J.M.W.
 CHECKED BY C.A.M.P. DATE 22 FEB 2007
 REVISIONS

SEARCHED BY: [Signature]
 INDEXED BY: [Signature]
 SERIALIZED BY: [Signature]
 FILED BY: [Signature]
 MAR 1 2007
 MANATEE COUNTY PUBLIC WORKS DEPARTMENT
 BRADENTON, FL 34208

**EL CONQUISTADOR
 PARKWAY EXTENSION
 PHASE II**

EXISTING CONDITIONS
 MAP w/ PROJECT
 OVERLAY

"OTHER SURFACE WATERS" TO BE IMPACTED

O.S.W. #1 = 1,149.50 SF	O.S.W. #9 = 1,318.23 SF
O.S.W. #2 = 2,547.80 SF	O.S.W. #10 = 1,729.50 SF
O.S.W. #3 = 1,678.20 SF	O.S.W. #11 = 4,741.32 SF
O.S.W. #4 = 464.28 SF	O.S.W. #12 = 3,994.80 SF
O.S.W. #5 = 1,562.97 SF	O.S.W. #13 = 4,203.69 SF
O.S.W. #6 = 1,461.68 SF	O.S.W. #14 = 3,894.87 SF
O.S.W. #7 = 4,281.02 SF	O.S.W. #15 = 2,712.18 SF
O.S.W. #8 = 813.53 SF	

LEGEND

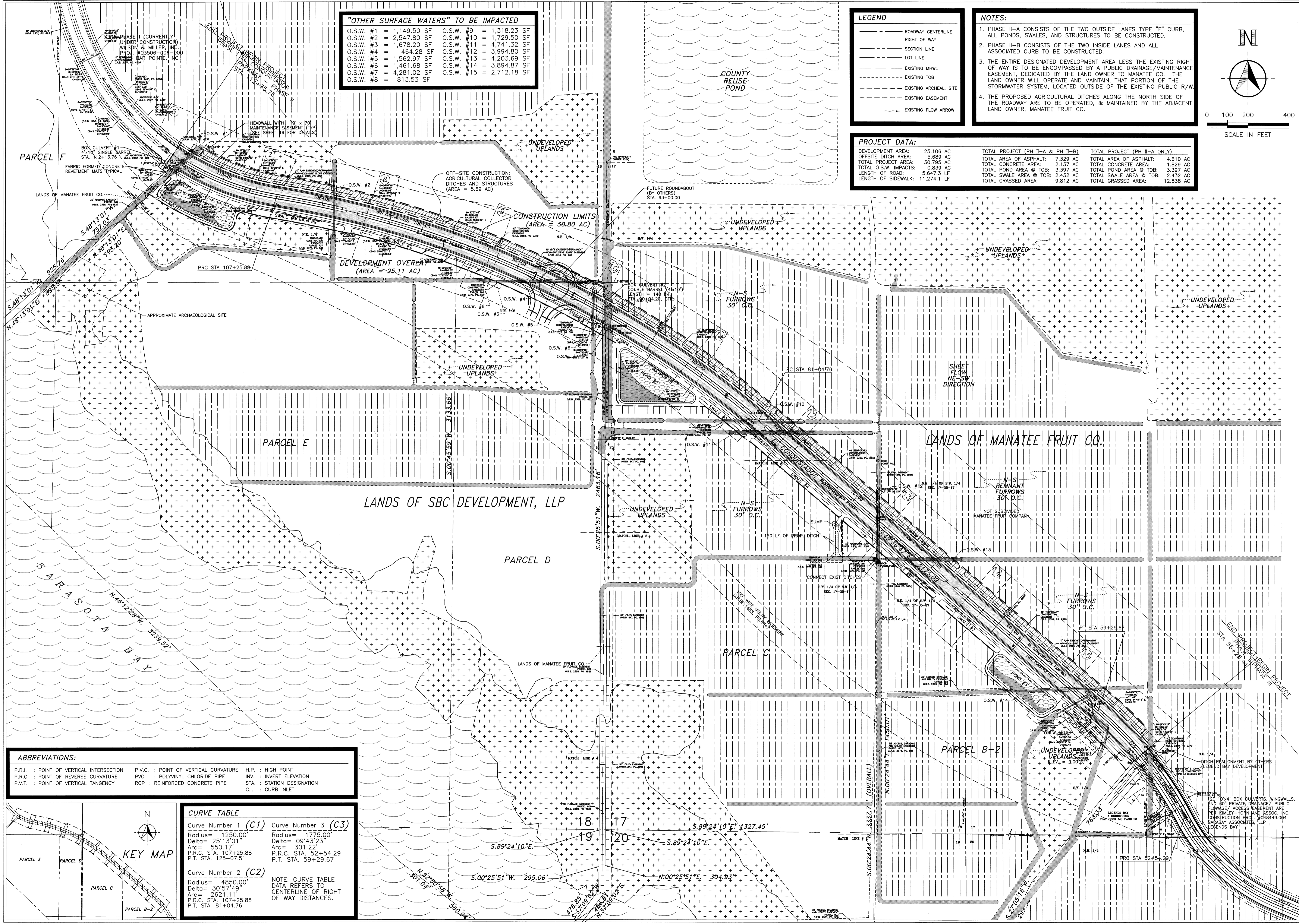
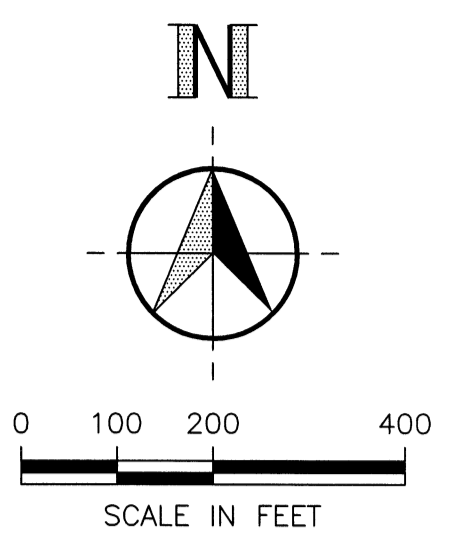
- ROADWAY CENTERLINE
- RIGHT OF WAY
- SECTION LINE
- LOT LINE
- EXISTING MHWL
- EXISTING TOB
- EXISTING ARCHEAL SITE
- EXISTING EASEMENT
- EXISTING FLOW ARROW

NOTES:

- PHASE II-A CONSISTS OF THE TWO OUTSIDE LANES TYPE "F" CURB, ALL PONDS, SWALES, AND STRUCTURES TO BE CONSTRUCTED.
- PHASE II-B CONSISTS OF THE TWO INSIDE LANES AND ALL ASSOCIATED CURB TO BE CONSTRUCTED.
- THE ENTIRE DESIGNATED DEVELOPMENT AREA LESS THE EXISTING RIGHT OF WAY IS TO BE ENCOMPASSED BY A PUBLIC DRAINAGE/MAINTENANCE EASEMENT, DEDICATED BY THE LAND OWNER TO MANATEE CO. THE LAND OWNER WILL OPERATE AND MAINTAIN, THAT PORTION OF THE STORMWATER SYSTEM, LOCATED OUTSIDE OF THE EXISTING PUBLIC R/W.
- THE PROPOSED AGRICULTURAL DITCHES ALONG THE NORTH SIDE OF THE ROADWAY ARE TO BE OPERATED, & MAINTAINED BY THE ADJACENT LAND OWNER, MANATEE FRUIT CO.

PROJECT DATA:

DEVELOPMENT AREA:	25.106 AC	TOTAL PROJECT (PH II-A & PH II-B):	TOTAL PROJECT (PH II-A ONLY):
OFFSITE DITCH AREA:	5.689 AC	TOTAL AREA OF ASPHALT:	TOTAL AREA OF ASPHALT:
TOTAL PROJECT AREA:	30.795 AC	TOTAL CONCRETE AREA:	TOTAL CONCRETE AREA:
TOTAL O.S.W. IMPACTS:	0.839 AC	TOTAL POND AREA @ TOB:	TOTAL POND AREA @ TOB:
LENGTH OF ROAD:	5,647.3 LF	TOTAL SWALE AREA @ TOB:	TOTAL SWALE AREA @ TOB:
LENGTH OF SIDEWALK:	11,274.1 LF	TOTAL GRASSED AREA:	TOTAL GRASSED AREA:



ABBREVIATIONS:

P.R.I. : POINT OF VERTICAL INTERSECTION	P.V.C. : POINT OF VERTICAL CURVATURE	H.P. : HIGH POINT
P.R.C. : POINT OF REVERSE CURVATURE	P.V.C. : POLYVINYL CHLORIDE PIPE	INV. : INVERT ELEVATION
P.V.T. : POINT OF VERTICAL TANGENCY	R.C.P. : REINFORCED CONCRETE PIPE	STA. : STATION DESIGNATION
		C.I. : CURB INLET

CURVE TABLE

Curve Number 1 (C1) Radius= 1250.00' Delta= 25°13'01" Arc= 650.17' P.R.C. STA. 107+25.88 P.T. STA. 125+07.51	Curve Number 3 (C3) Radius= 1775.00' Delta= 09°43'23" Arc= 301.22' P.R.C. STA. 52+54.29 P.T. STA. 59+29.67
Curve Number 2 (C2) Radius= 4850.00' Delta= 30°57'49" Arc= 2621.11' P.R.C. STA. 107+25.88 P.T. STA. 81+04.76	NOTE: CURVE TABLE DATA REFERS TO CENTERLINE OF RIGHT OF WAY DISTANCES.

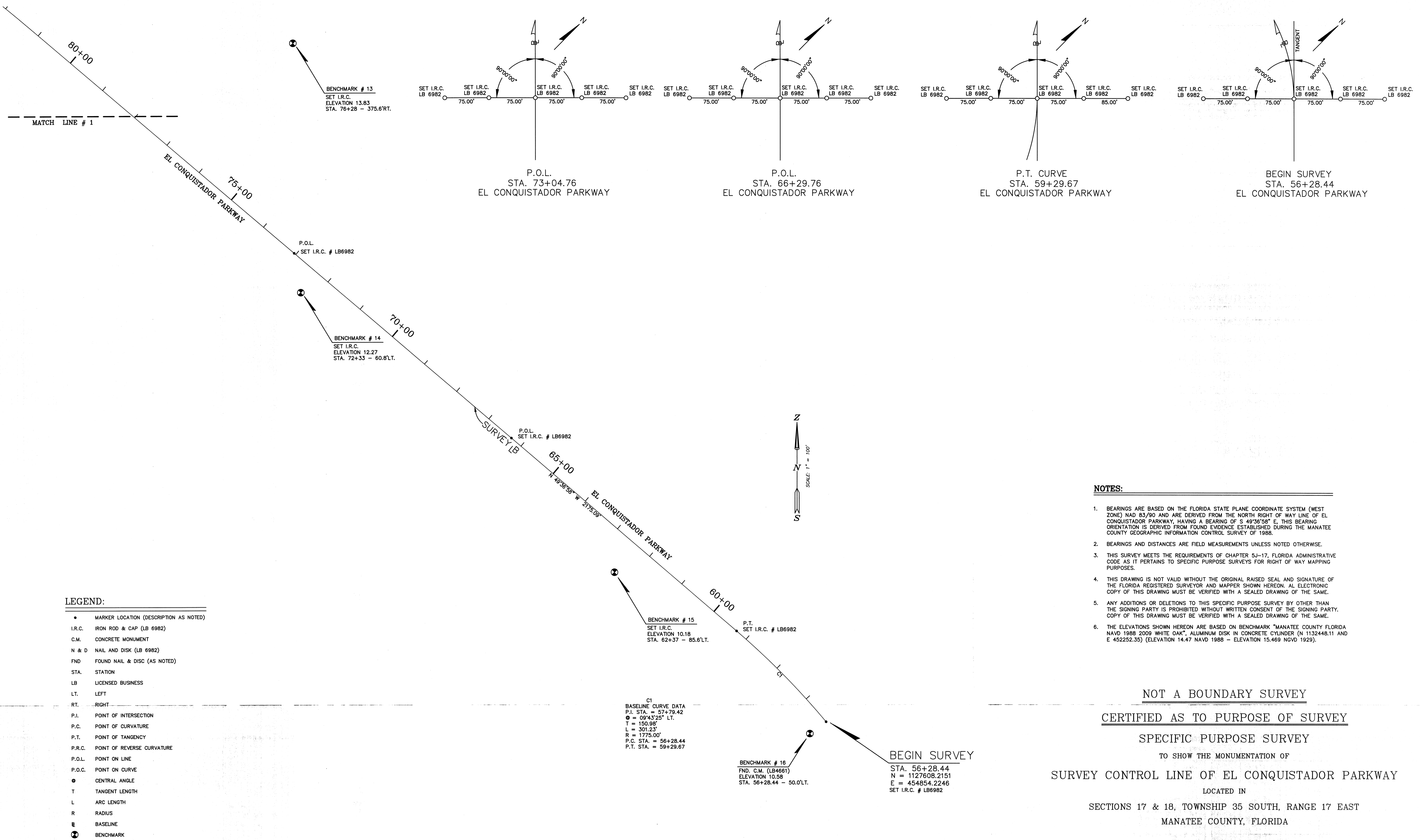
MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208

PROJECT NO. 07M10 DRAWN BY J.M.W. DATE 22 FEB 2007
 CHECKED BY C.M.M.E. DATE 17 MAY 2007
 REVISIONS: 17 MAY 2007 J.M.W. ADDED NOTES FOR AS DITCHES PER SWMWD 22 AUG 2007 J.M.W. ADDED ESMTS PER SWMWD 20 NOV 2008 J.M.W.

APPROVED BY: [Signature]
 SEAL: [Professional Seal]
 PROJECT: EL CONQUISTADOR PARKWAY EXTENSION PHASE II

EL CONQUISTADOR PARKWAY EXTENSION PHASE II

SURVEY CONTROL & BENCH MARK
 SHEET 3 OF



LEGEND:

- MARKER LOCATION (DESCRIPTION AS NOTED)
- I.R.C. IRON ROD & CAP (LB 6982)
- C.M. CONCRETE MONUMENT
- N & D NAIL AND DISK (LB 6982)
- FND FOUND NAIL & DISC (AS NOTED)
- STA. STATION
- LB LICENSED BUSINESS
- LT. LEFT
- RT. RIGHT
- P.I. POINT OF INTERSECTION
- P.C. POINT OF CURVATURE
- P.T. POINT OF TANGENCY
- P.R.C. POINT OF REVERSE CURVATURE
- P.O.L. POINT ON LINE
- P.O.C. POINT ON CURVE
- CENTRAL ANGLE
- T TANGENT LENGTH
- L ARC LENGTH
- R RADIUS
- ▬ BASELINE
- ⊙ BENCHMARK

C1
 BASELINE CURVE DATA
 P.I. STA. = 57+79.42
 Δ = 09°43'25" LT.
 T = 150.98'
 L = 301.23'
 R = 1775.00'
 P.C. STA. = 56+28.44
 P.T. STA. = 59+29.67

NOTES:

1. BEARINGS ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM (WEST ZONE) NAD 83/90 AND ARE DERIVED FROM THE NORTH RIGHT OF WAY LINE OF EL CONQUISTADOR PARKWAY, HAVING A BEARING OF S 49°36'58" E. THIS BEARING ORIENTATION IS DERIVED FROM FOUND EVIDENCE ESTABLISHED DURING THE MANATEE COUNTY GEOGRAPHIC INFORMATION CONTROL SURVEY OF 1988.
2. BEARINGS AND DISTANCES ARE FIELD MEASUREMENTS UNLESS NOTED OTHERWISE.
3. THIS SURVEY MEETS THE REQUIREMENTS OF CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE AS IT PERTAINS TO SPECIFIC PURPOSE SURVEYS FOR RIGHT OF WAY MAPPING PURPOSES.
4. THIS DRAWING IS NOT VALID WITHOUT THE ORIGINAL RAISED SEAL AND SIGNATURE OF THE FLORIDA REGISTERED SURVEYOR AND MAPPER SHOWN HEREON. AN ELECTRONIC COPY OF THIS DRAWING MUST BE VERIFIED WITH A SEALED DRAWING OF THE SAME.
5. ANY ADDITIONS OR DELETIONS TO THIS SPECIFIC PURPOSE SURVEY BY OTHER THAN THE SIGNING PARTY IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY. COPY OF THIS DRAWING MUST BE VERIFIED WITH A SEALED DRAWING OF THE SAME.
6. THE ELEVATIONS SHOWN HEREON ARE BASED ON BENCHMARK "MANATEE COUNTY FLORIDA NAVD 1988 2009 WHITE OAK", ALUMINUM DISK IN CONCRETE CYLINDER (N 1132448.11 AND E 452252.35) (ELEVATION 14.47 NAVD 1988 - ELEVATION 15.469 NGVD 1929).

NOT A BOUNDARY SURVEY
CERTIFIED AS TO PURPOSE OF SURVEY
SPECIFIC PURPOSE SURVEY
 TO SHOW THE MONUMENTATION OF
SURVEY CONTROL LINE OF EL CONQUISTADOR PARKWAY
 LOCATED IN
 SECTIONS 17 & 18, TOWNSHIP 35 SOUTH, RANGE 17 EAST
 MANATEE COUNTY, FLORIDA

NOTE: THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

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REVISION	BY	DATE

CERTIFICATE OF SURVEYOR

I, THE UNDERSIGNED PROFESSIONAL SURVEYOR & MAPPER, HEREBY CERTIFY THAT THIS RECORD OF LAND SURVEY WAS PREPARED UNDER MY DIRECT SUPERVISION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF IS A TRUE AND CORRECT REPRESENTATION OF THE LAND AS SHOWN AND DESCRIBED HEREON, AND THAT IT MEETS THE "MINIMUM TECHNICAL STANDARDS FOR SURVEYING IN THE STATE OF FLORIDA", CHAPTER 5J-17--050, OF THE FLORIDA ADMINISTRATIVE CODE.

FLORIDA CERTIFICATE No. LS 4292
 DATE OF CERTIFICATION 07/22/10
 DATE OF FIELD SURVEY 07/08/10

BY: *R.E.M. Edgerton*
 R.E.M. EDGERTON, P.S.M.

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 LANDSCAPE ARCHITECTS ENVIRONMENTAL CONSULTANTS

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DRAWING: T:\Harbour Ventures\ElCon-rw.dwg (SHEET 1A) DATE 07/22/10 SCALE 1" = 100'
 DRAWN bernie JOB NO. 00-42411 FIELD BOOK _____ PAGE _____ SHEET 3A OF 33

BENCHMARK # 20
SET N & D
ELEVATION 10.01
STA. 113+66 - 16.9'LT.
END OF SURVEY
STA. 112+75.76
N = 1130525.9211
E = 450131.3102
SET I.R.C. # LB6982

C3
BASELINE CURVE DATA
P.I. STA. = 110+05.34
 $\Delta = 291'21.7''$ RT.
T = 279.46'
L = 549.88'
R = 1250.00'
P.R.C. STA. = 107+25.88
END STA. = 112+75.76

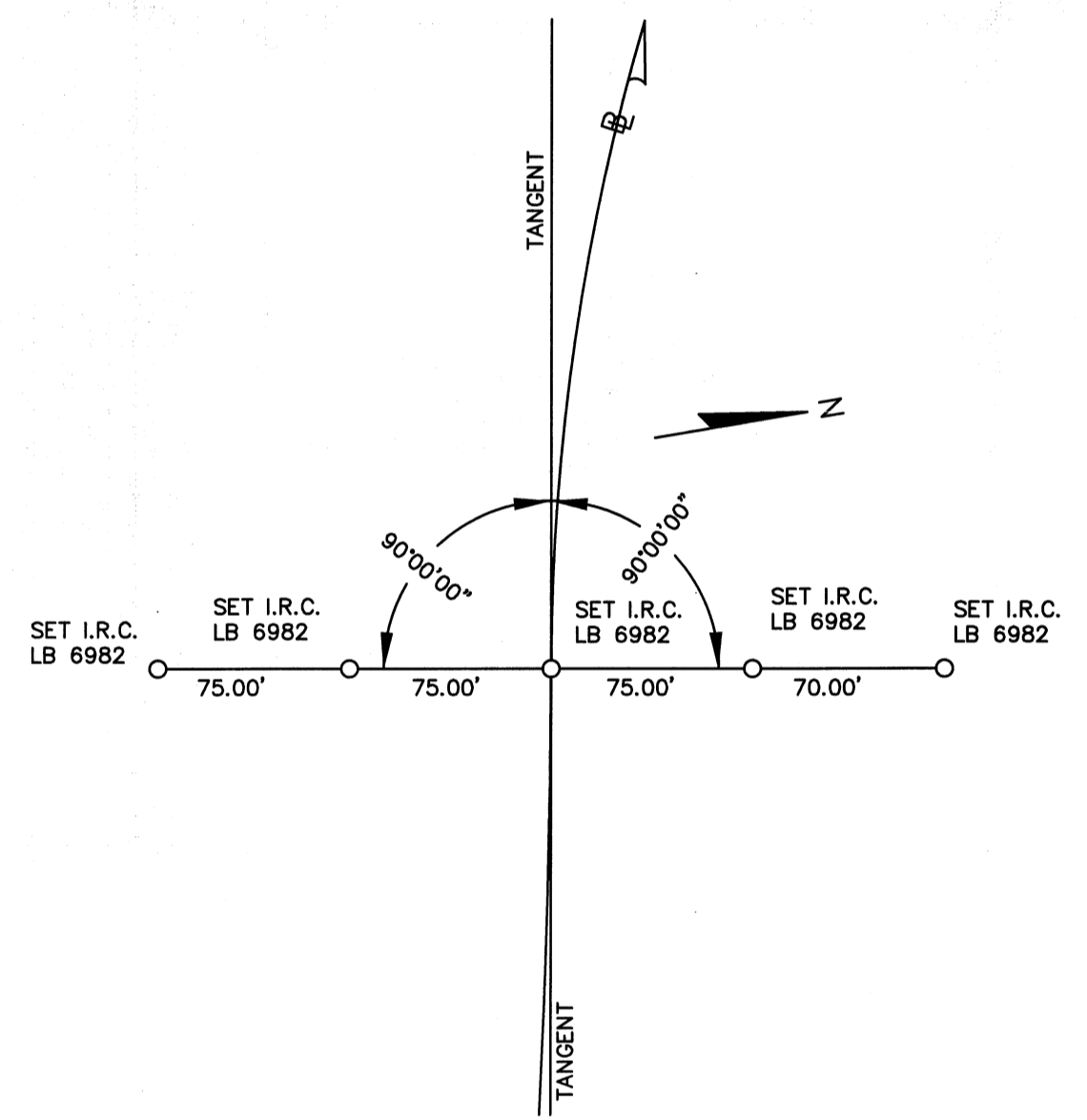
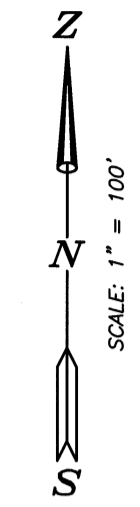
BENCHMARK # 19
SET I.R.C.
ELEVATION 6.69
STA. 104+99 - 105.9'LT.

BENCHMARK # 18
SET I.R.C.
ELEVATION 9.09
STA. 100+00 - 169.0'LT.

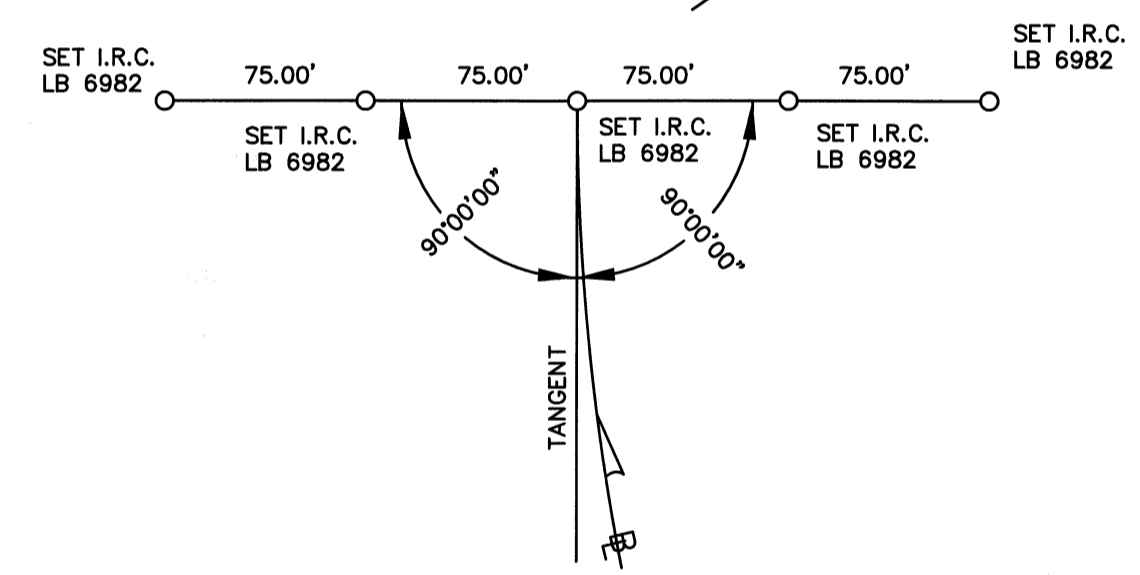
BENCHMARK # 17
SET I.R.C.
ELEVATION 10.87
STA. 96+00 - 100.0'LT.

BENCHMARK # 4
FND. I.R.C. (WILSON MILLER TRAV. PT.)
ELEVATION 12.15
STA. 91+42 - 90.6'LT.

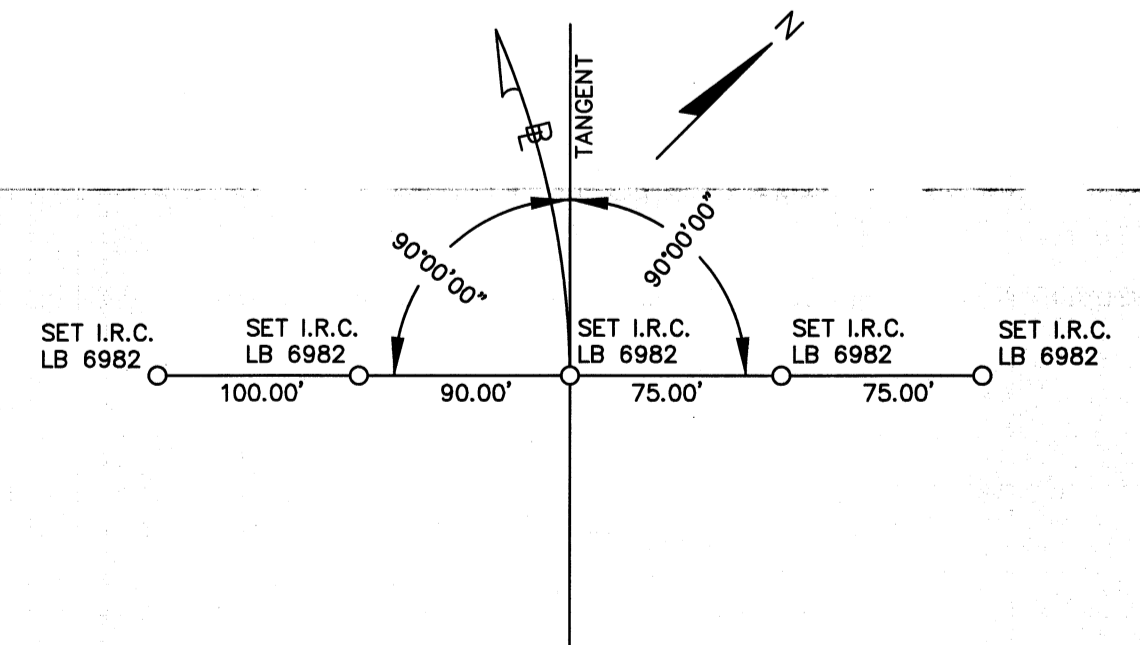
- LEGEND:**
- MARKER LOCATION (DESCRIPTION AS NOTED)
 - I.R.C. IRON ROD & CAP (LB 6982)
 - C.M. CONCRETE MONUMENT
 - N & D NAIL AND DISK (LB 6982)
 - FND FOUND NAIL & DISC (AS NOTED)
 - STA. STATION
 - LB LICENSED BUSINESS
 - LT. LEFT
 - RT. RIGHT
 - P.I. POINT OF INTERSECTION
 - P.C. POINT OF CURVATURE
 - P.T. POINT OF TANGENCY
 - P.R.C. POINT OF REVERSE CURVATURE
 - P.O.L. POINT ON LINE
 - P.O.C. POINT ON CURVE
 - CENTRAL ANGLE
 - T TANGENT LENGTH
 - L ARC LENGTH
 - R RADIUS
 - ⊖ BASELINE
 - ⊗ BENCHMARK



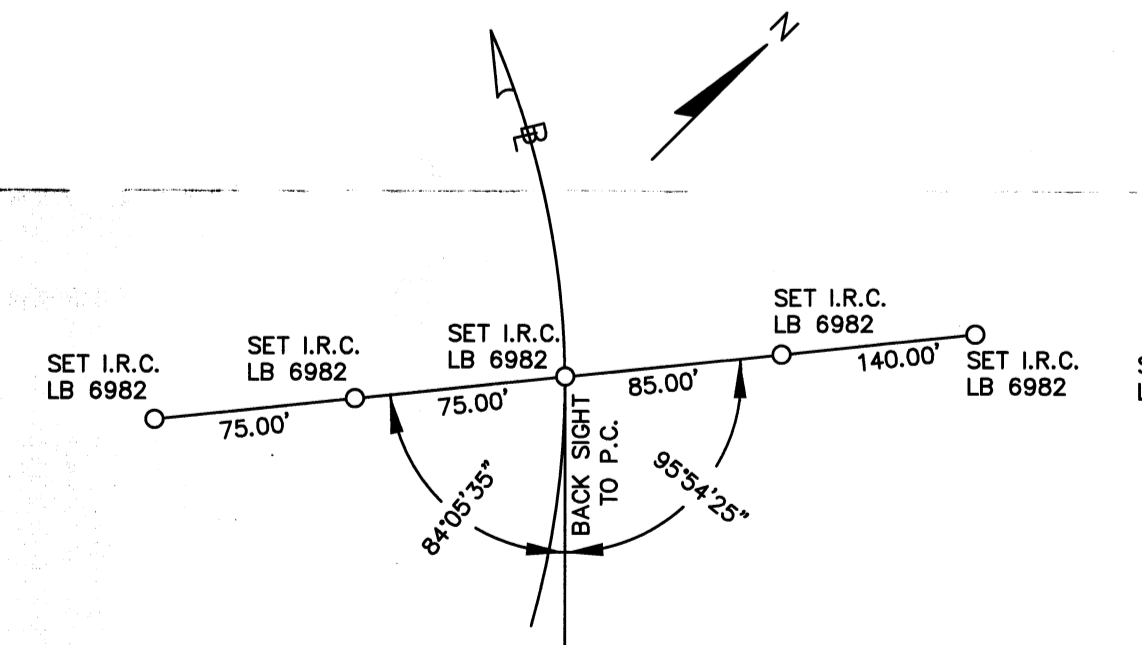
P.R.C. CURVE
STA. 107+25.88
EL CONQUISTADOR PARKWAY



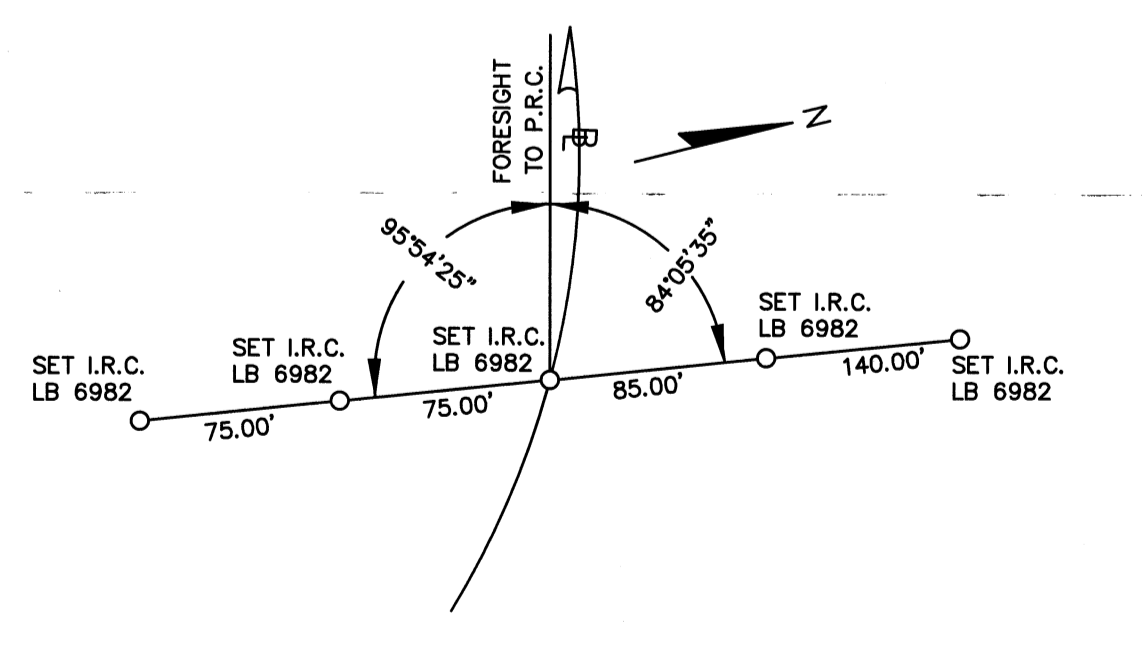
END OF SURVEY
STA. 112+75.76
EL CONQUISTADOR PARKWAY



P.C. CURVE
STA. 81+04.76
EL CONQUISTADOR PARKWAY



P.O.C. CURVE
STA. 91+04.77
EL CONQUISTADOR PARKWAY



P.O.C. CURVE
STA. 99+04.76
EL CONQUISTADOR PARKWAY

BASELINE CURVE DATA
P.I. STA. = 94+48.20
 $\Delta = 303'57.53''$ LT.
T = 1343.42'
L = 2621.12'
R = 4850.00'
P.C. STA. = 81+04.76
P.R.C. STA. = 107+25.88

BENCHMARK # 12
SET I.R.C.
ELEVATION 13.96
STA. 82+00 - 70.8'LT.

MATCH LINE # 1

NOT A BOUNDARY SURVEY
CERTIFIED AS TO PURPOSE OF SURVEY
SPECIFIC PURPOSE SURVEY

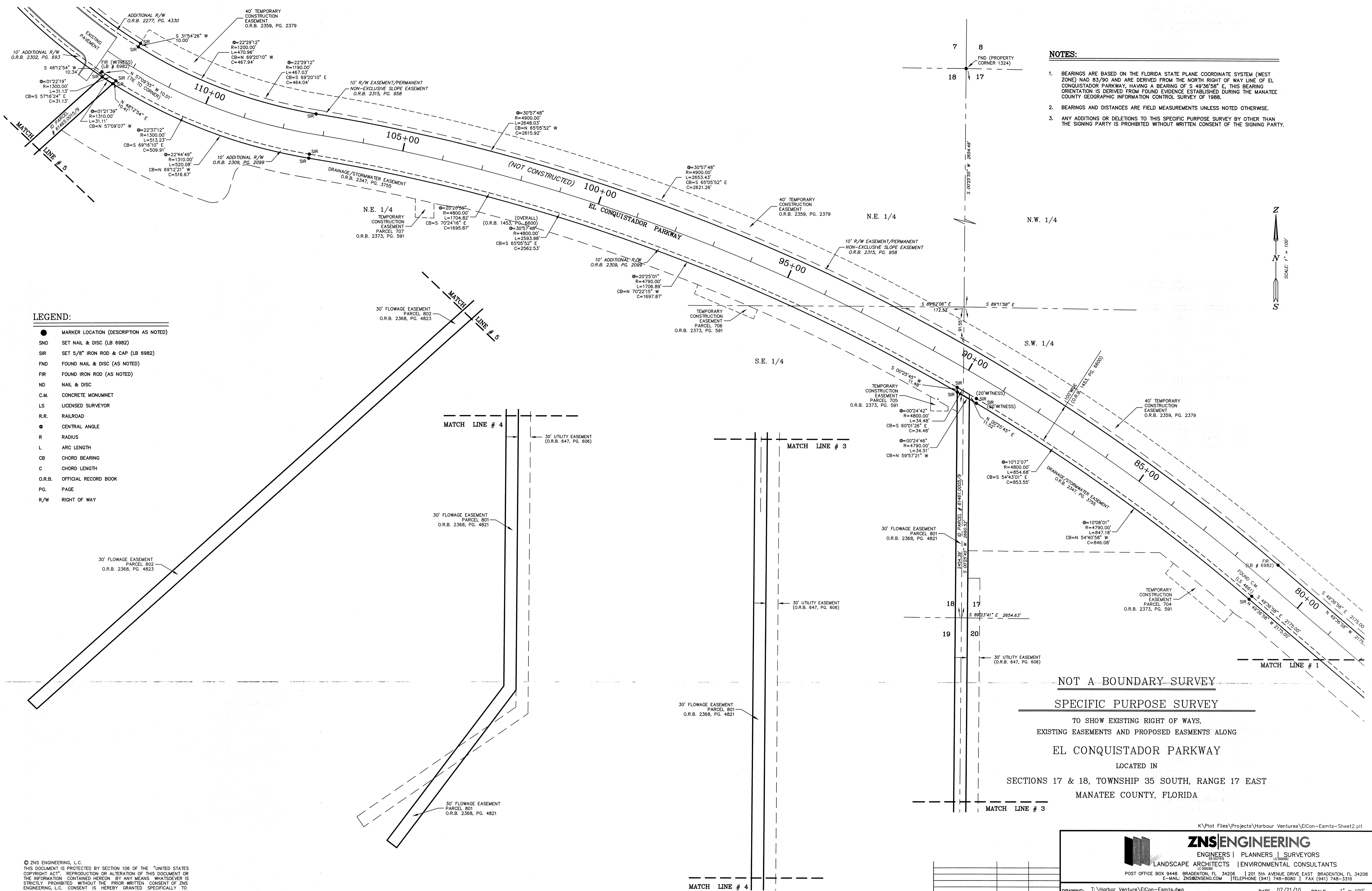
TO SHOW THE MONUMENTATION OF
SURVEY CONTROL LINE OF EL CONQUISTADOR PARKWAY
LOCATED IN
SECTIONS 17 & 18, TOWNSHIP 35 SOUTH, RANGE 17 EAST
MANATEE COUNTY, FLORIDA

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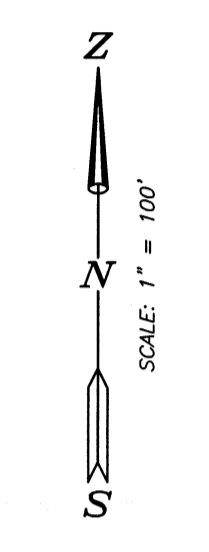
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REVISION	BY	DATE

DRAWING: T:\Harbour Ventures\EICon-rw.dwg DATE: 07/21/10 SCALE: 1" = 100'
DRAWN: bernie JOB NO.: 00-42411 FIELD BOOK: PAGE: SHEET 39 OF 33



- NOTES:**
- BEARINGS ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM (WEST ZONE) NAD 83/90 AND ARE DERIVED FROM THE NORTH RIGHT OF WAY LINE OF EL CONQUISTADOR PARKWAY, HAVING A BEARING OF S 49°36'58" E. THIS BEARING ORIENTATION IS DERIVED FROM FOUND EVIDENCE ESTABLISHED DURING THE MANATEE COUNTY GEOGRAPHIC INFORMATION CONTROL SURVEY OF 1988.
 - BEARINGS AND DISTANCES ARE FIELD MEASUREMENTS UNLESS NOTED OTHERWISE.
 - ANY ADDITIONS OR DELETIONS TO THIS SPECIFIC PURPOSE SURVEY BY OTHER THAN THE SIGNING PARTY IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY.



- LEGEND:**
- MARKER LOCATION (DESCRIPTION AS NOTED)
 - SND SET NAIL & DISC (LB 6982)
 - SIR SET 5/8" IRON ROD & CAP (LB 6982)
 - FND FOUND NAIL & DISC (AS NOTED)
 - FIR FOUND IRON ROD (AS NOTED)
 - ND NAIL & DISC
 - C.M. CONCRETE MONUMENT
 - LS LICENSED SURVEYOR
 - R.R. RAILROAD
 - ∠ CENTRAL ANGLE
 - R RADIUS
 - L ARC LENGTH
 - CB CHORD BEARING
 - C CHORD LENGTH
 - O.R.B. OFFICIAL RECORD BOOK
 - PG. PAGE
 - R/W RIGHT OF WAY

NOT A BOUNDARY SURVEY
SPECIFIC PURPOSE SURVEY
 TO SHOW EXISTING RIGHT OF WAYS,
 EXISTING EASEMENTS AND PROPOSED EASEMENTS ALONG
EL CONQUISTADOR PARKWAY
 LOCATED IN
 SECTIONS 17 & 18, TOWNSHIP 35 SOUTH, RANGE 17 EAST
 MANATEE COUNTY, FLORIDA

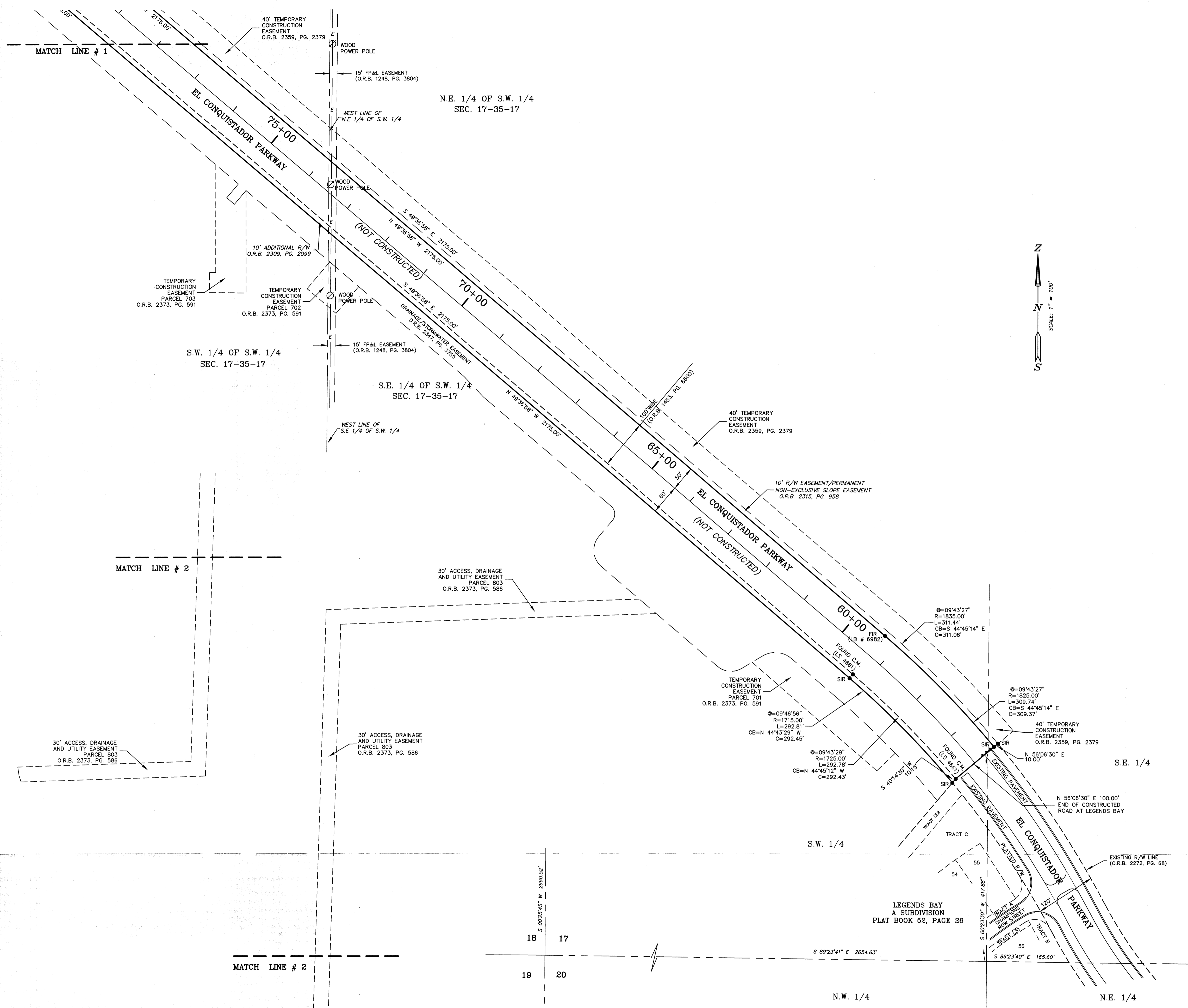
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REVISION	BY	DATE

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 DRAWN: bernie\dr JOB NO.: 00-42558 FIELD BOOK: PAGE: SHEET 3C OF 33



- LEGEND:**
- MARKER LOCATION (DESCRIPTION AS NOTED)
 - SND SET NAIL & DISC (LB 6982)
 - SIR SET 5/8" IRON ROD & CAP (LB 6982)
 - FND FOUND NAIL & DISC (AS NOTED)
 - FIR FOUND IRON ROD (AS NOTED)
 - ND NAIL & DISC
 - C.M. CONCRETE MONUMENT
 - LS LICENSED SURVEYOR
 - R.R. RAILROAD
 - SEC. SECTION
 - CENTRAL ANGLE
 - R RADIUS
 - L ARC LENGTH
 - CB CHORD BEARING
 - C CHORD LENGTH
 - O.R.B. OFFICIAL RECORD BOOK
 - PG. PAGE
 - R/W RIGHT OF WAY
 - E — ELECTRIC OVERHEAD LINES

- NOTES:**
1. BEARINGS ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM (WEST ZONE) NAD 83/90 AND ARE DERIVED FROM THE NORTH RIGHT OF WAY LINE OF EL CONQUISTADOR PARKWAY, HAVING A BEARING OF S 49°36'58" E. THIS BEARING ORIENTATION IS DERIVED FROM FOUND EVIDENCE ESTABLISHED DURING THE MANATEE COUNTY GEOGRAPHIC INFORMATION CONTROL SURVEY OF 1988.
 2. BEARINGS AND DISTANCES ARE FIELD MEASUREMENTS UNLESS NOTED OTHERWISE.
 3. ANY ADDITIONS OR DELETIONS TO THIS SPECIFIC PURPOSE SURVEY BY OTHER THAN THE SIGNING PARTY IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY.

NOT A BOUNDARY SURVEY
SPECIFIC PURPOSE SURVEY
 TO SHOW EXISTING RIGHT OF WAYS,
 EXISTING EASEMENTS AND PROPOSED EASEMENTS ALONG
EL CONQUISTADOR PARKWAY
 LOCATED IN
 SECTIONS 17 & 18, TOWNSHIP 35 SOUTH, RANGE 17 EAST
 MANATEE COUNTY, FLORIDA

NOTE: THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

CERTIFICATE OF SURVEYOR			
I, THE UNDERSIGNED PROFESSIONAL SURVEYOR & MAPPER, HEREBY CERTIFY THAT THIS RECORD OF LAND SURVEY WAS PREPARED UNDER MY DIRECT SUPERVISION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF IS A TRUE AND CORRECT REPRESENTATION OF THE LAND AS SHOWN AND DESCRIBED HEREON, AND THAT IT MEETS THE "MINIMUM TECHNICAL STANDARDS FOR SURVEYING IN THE STATE OF FLORIDA", CHAPTER 5J-17.050, OF THE FLORIDA ADMINISTRATIVE CODE.			
FLORIDA CERTIFICATE No.	LS 4295	BY:	JAMES N. GATCH JR., P.S.M.
DATE OF CERTIFICATION	08/30/10		
DATE OF FIELD SURVEY	08/28/10		

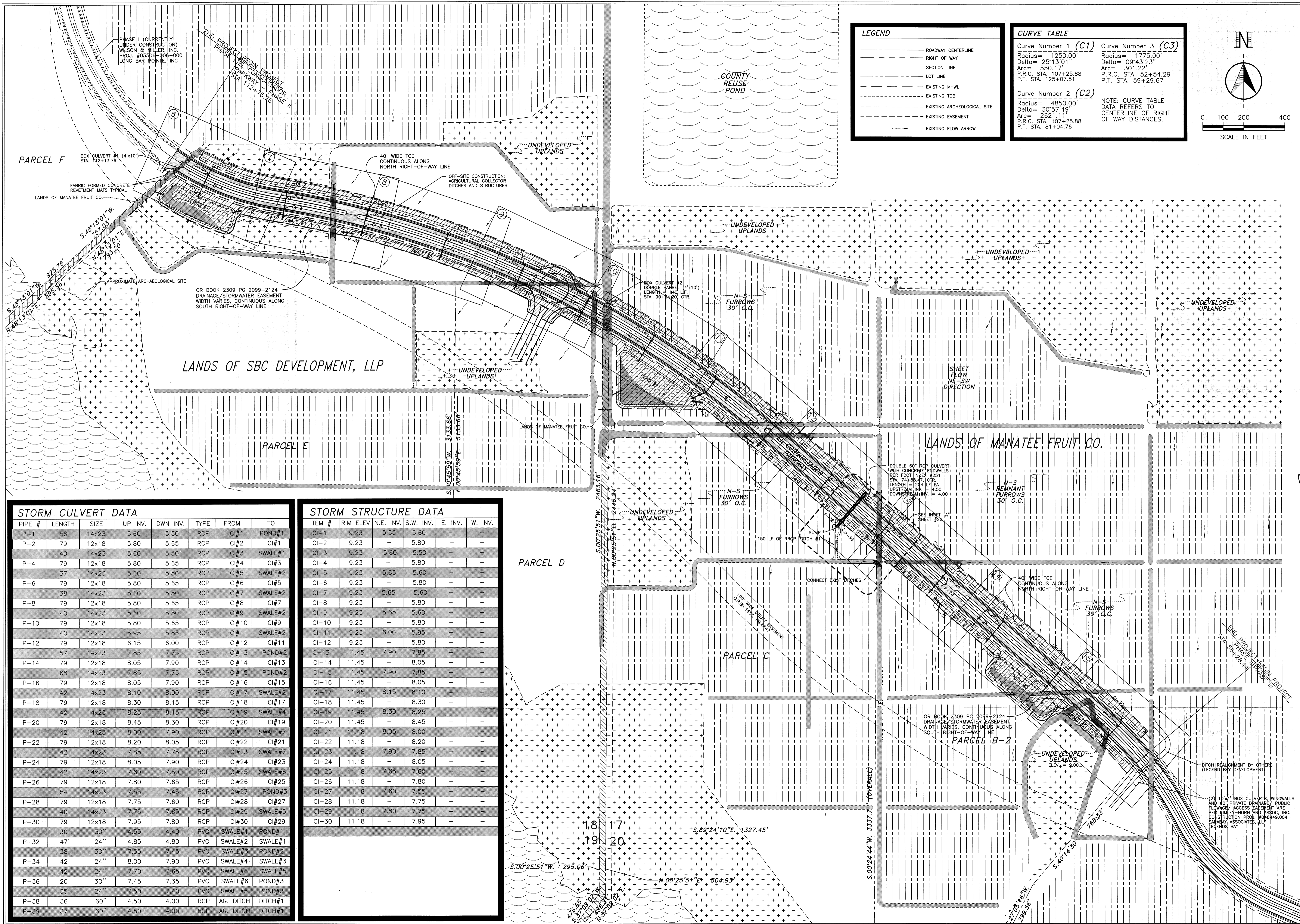
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ZNS ENGINEERING
 ENGINEERS | PLANNERS | SURVEYORS
 LANDSCAPE ARCHITECTS | ENVIRONMENTAL CONSULTANTS

POST OFFICE BOX 9448 BRADENTON, FL 34206 | 201 5th AVENUE DRIVE EAST BRADENTON, FL 34208
 E-MAIL: ZNS@ZNSENG.COM | TELEPHONE (941) 748-8080 | FAX (941) 748-3316

DRAWING: T:\Harbour Ventures\EICon-Esmts.dwg DATE: 07/21/10 SCALE: 1" = 100'
 DRAWN: bernie\dr JOB NO.: 00-42558 FIELD BOOK: PAGE: SHEET: 30 OF 33

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LEGEND

- ROADWAY CENTERLINE
- RIGHT OF WAY
- SECTION LINE
- LOT LINE
- EXISTING MHWL
- EXISTING TOB
- EXISTING ARCHEOLOGICAL SITE
- EXISTING EASEMENT
- EXISTING FLOW ARROW

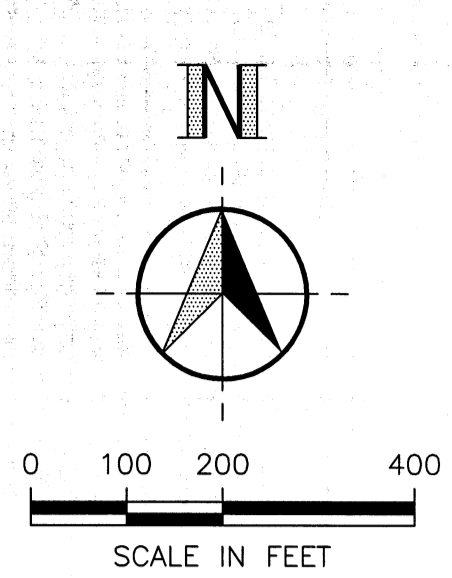
CURVE TABLE

Curve Number 1 (C1)	Curve Number 3 (C3)
Radius= 1250.00'	Radius= 1775.00'
Delta= 25°13'01"	Delta= 09°43'23"
Arc= 550.17'	Arc= 301.22'
P.R.C. STA. 107+25.88	P.R.C. STA. 52+54.29
P.T. STA. 125+07.51	P.T. STA. 59+29.67

Curve Number 2 (C2)

Radius= 4850.00'
Delta= 30°57'49"
Arc= 2621.11'
P.R.C. STA. 107+25.88
P.T. STA. 81+04.78

NOTE: CURVE TABLE DATA REFERS TO CENTERLINE OF RIGHT OF WAY DISTANCES.



STORM CULVERT DATA

PIPE #	LENGTH	SIZE	UP INV.	DWN INV.	TYPE	FROM	TO
P-1	56	14x23	5.60	5.50	RCP	CI#1	POND#1
P-2	79	12x18	5.80	5.65	RCP	CI#2	CI#1
P-3	40	14x23	5.80	5.50	RCP	CI#3	SWALE#1
P-4	79	12x18	5.80	5.65	RCP	CI#4	CI#3
P-5	37	14x23	5.60	5.50	RCP	CI#5	SWALE#2
P-6	79	12x18	5.80	5.65	RCP	CI#6	CI#5
P-7	38	14x23	5.60	5.50	RCP	CI#7	SWALE#2
P-8	79	12x18	5.80	5.65	RCP	CI#8	CI#7
P-9	40	14x23	5.60	5.50	RCP	CI#9	SWALE#2
P-10	79	12x18	5.80	5.65	RCP	CI#10	CI#9
P-11	40	14x23	5.95	5.85	RCP	CI#11	SWALE#2
P-12	79	12x18	6.15	6.00	RCP	CI#12	CI#11
P-13	57	14x23	7.85	7.75	RCP	CI#13	POND#2
P-14	79	12x18	8.05	7.90	RCP	CI#14	CI#13
P-15	68	14x23	7.85	7.75	RCP	CI#15	POND#2
P-16	79	12x18	8.05	7.90	RCP	CI#16	CI#15
P-17	42	14x23	8.10	8.00	RCP	CI#17	SWALE#2
P-18	79	12x18	8.30	8.15	RCP	CI#18	CI#17
P-19	42	14x23	8.25	8.15	RCP	CI#19	SWALE#4
P-20	79	12x18	8.45	8.30	RCP	CI#20	CI#19
P-21	42	14x23	8.00	7.90	RCP	CI#21	SWALE#7
P-22	79	12x18	8.20	8.05	RCP	CI#22	CI#21
P-23	42	14x23	7.85	7.75	RCP	CI#23	SWALE#7
P-24	79	12x18	8.05	7.90	RCP	CI#24	CI#23
P-25	42	14x23	7.60	7.50	RCP	CI#25	SWALE#6
P-26	79	12x18	7.80	7.65	RCP	CI#26	CI#25
P-27	54	14x23	7.55	7.45	RCP	CI#27	POND#3
P-28	79	12x18	7.75	7.60	RCP	CI#28	CI#27
P-29	40	14x23	7.75	7.65	RCP	CI#29	SWALE#5
P-30	79	12x18	7.95	7.80	RCP	CI#30	CI#29
P-31	30	30"	4.55	4.40	PVC	SWALE#1	POND#1
P-32	47	24"	4.85	4.80	PVC	SWALE#2	SWALE#1
P-33	38	30"	7.55	7.45	PVC	SWALE#3	POND#2
P-34	42	24"	8.00	7.90	PVC	SWALE#4	SWALE#3
P-35	42	24"	7.70	7.65	PVC	SWALE#6	SWALE#5
P-36	20	30"	7.45	7.35	PVC	SWALE#6	POND#3
P-37	35	24"	7.50	7.40	PVC	SWALE#5	POND#3
P-38	36	60"	4.50	4.00	RCP	AG. DITCH	DITCH#1
P-39	37	60"	4.50	4.00	RCP	AG. DITCH	DITCH#1

STORM STRUCTURE DATA

ITEM #	RIM ELEV.	N.E. INV.	S.W. INV.	E. INV.	W. INV.
CI-1	9.23	5.65	5.60	-	-
CI-2	9.23	-	5.80	-	-
CI-3	9.23	5.60	5.50	-	-
CI-4	9.23	-	5.80	-	-
CI-5	9.23	5.65	5.60	-	-
CI-6	9.23	-	5.80	-	-
CI-7	9.23	5.65	5.60	-	-
CI-8	9.23	-	5.80	-	-
CI-9	9.23	5.65	5.60	-	-
CI-10	9.23	-	5.80	-	-
CI-11	9.23	6.00	5.95	-	-
CI-12	9.23	-	5.80	-	-
CI-13	11.45	7.90	7.85	-	-
CI-14	11.45	-	8.05	-	-
CI-15	11.45	7.90	7.85	-	-
CI-16	11.45	-	8.05	-	-
CI-17	11.45	8.15	8.10	-	-
CI-18	11.45	-	8.30	-	-
CI-19	11.45	8.30	8.25	-	-
CI-20	11.45	-	8.45	-	-
CI-21	11.18	8.05	8.00	-	-
CI-22	11.18	-	8.20	-	-
CI-23	11.18	7.90	7.85	-	-
CI-24	11.18	-	8.05	-	-
CI-25	11.18	7.65	7.60	-	-
CI-26	11.18	-	7.80	-	-
CI-27	11.18	7.60	7.55	-	-
CI-28	11.18	-	7.75	-	-
CI-29	11.18	7.80	7.75	-	-
CI-30	11.18	-	7.95	-	-

MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208

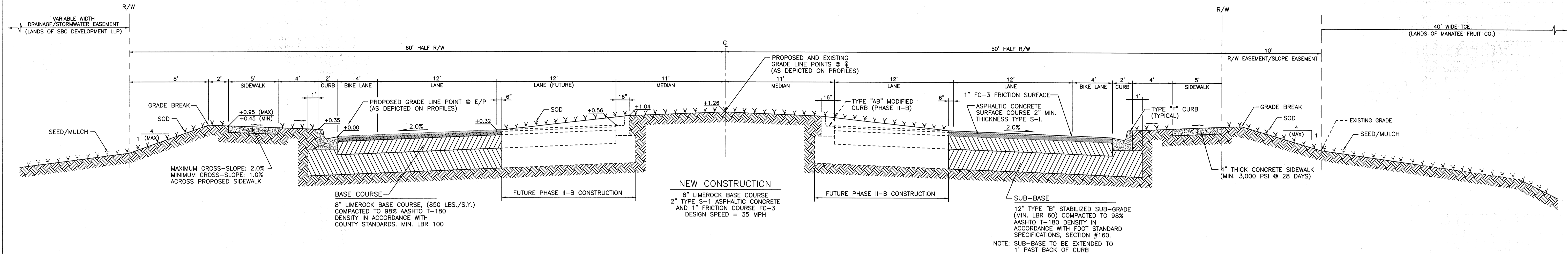
PROJECT NO. 07M110 DRAWN BY J.M.W. DATE 22 FEB 2007
 CHECKED BY J.M.W. DATE 24 AUG 2007
 REVISIONS 24 AUG 2007 J.M.W. DATE 20 NOV 2008 J.M.W.
 ADDED AS DITCH NOTE PER SF
 ADDED ESMIS PER SPMWD

APPROVED BY: [Signature]
 SEALED BY: [Signature]
 STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 PUBLIC WORKS DIVISION
 1022 26TH AVENUE EAST
 BRADENTON, FL 34208

EL CONQUISTADOR PARKWAY EXTENSION PHASE II

OVERALL STORMWATER MASTER PLAN

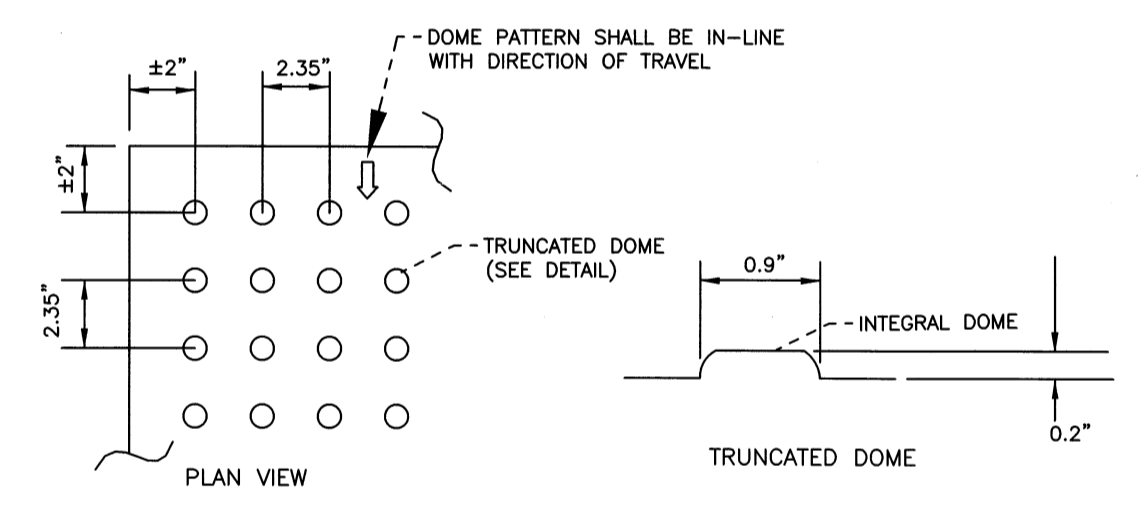
SHEET 4 OF



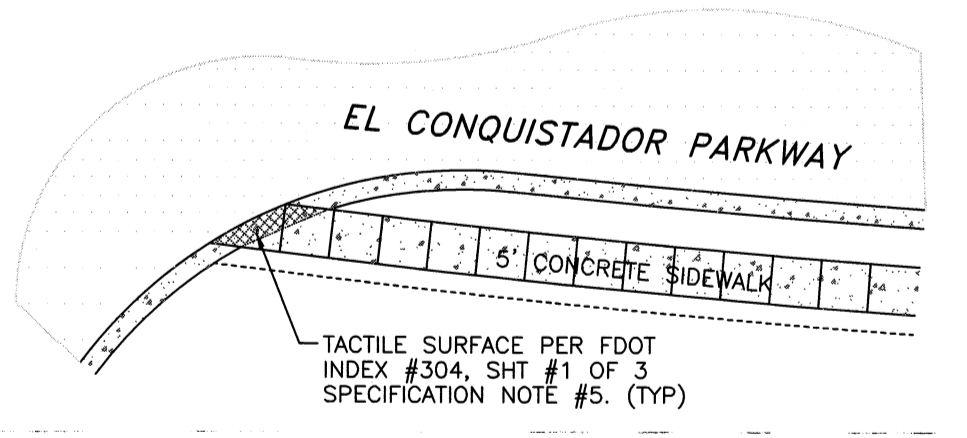
TYPICAL ROADWAY CROSS SECTION

VERTICAL SCALE: 1" = 2.5'
 HORIZONTAL SCALE: 1" = 5'

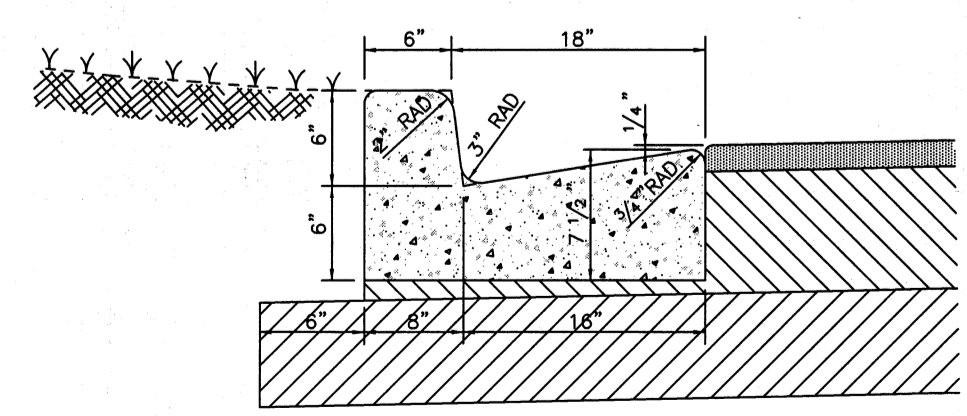
- SIGNING AND PAVEMENT MARKING GENERAL NOTES:**
- PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE FDOT DESIGN STANDARDS INDEX NO. 17346.
 - TEMPORARY PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE FDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION SECTION 710 - PAINTING TRAFFIC STRIPES.
 - FINAL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 711 - THERMOPLASTIC TRAFFIC STRIPES AND MARKINGS.
 - SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE FDOT DESIGN STANDARDS INDEX NO. 17352.
 - SIGNAGE SHALL CONFORM TO THE LATEST EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SPECIFICATION, SECTION 700-HIGHWAY SIGNING.
 - REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH THE LATEST EDITION OF THE FDOT DESIGN STANDARDS INDEX NO. 17352 AND 40" THROUGHOUT THE PROJECT LIMIT.
 - THE PERMANENT REMOVAL OF SIGNS WITHIN THE LIMITS OF THIS PROJECT IS NOT REQUIRED UNLESS SHOWN IN THE PLANS.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DISPOSE OF ALL SIGNS THAT ARE PERMANENTLY REMOVED FROM THIS PROJECT.
- GENERAL PAVEMENT NOTES:**
- LABORATORY TESTS ARE REQUIRED TO SUBstantiate STRUCTURAL SECTION DESIGN. SPECIFICATIONS SHOWN ON THIS SHEET ARE MINIMUM REQUIREMENTS.
 - SIDEWALK TO BE CONSTRUCTED PER SECTION 522.
 - MEDIAN TO BE SODDED.
 - SODDING TO BE INSTALLED PER MANATEE COUNTY STANDARD 401.1



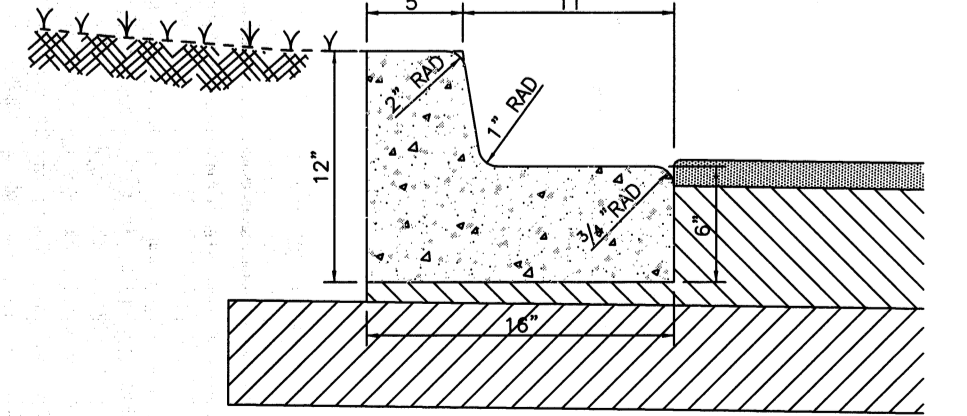
CURB RAMP DETECTABLE WARNING
 SCALE: N.T.S.



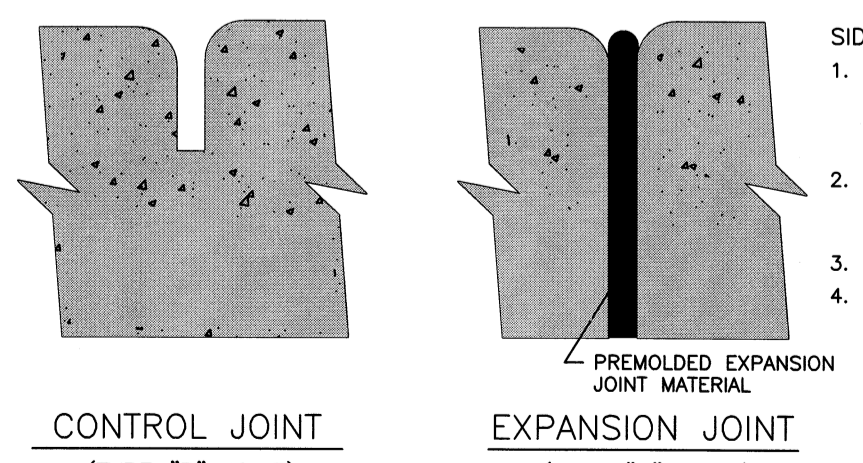
TYPICAL PLACEMENT OF PUBLIC SIDEWALK CURB RAMPS AT CURBED RETURNS
 SCALE: N.T.S.



TYPE "F" CURB DETAIL
 SCALE: N.T.S.



TYPE "AB" MODIFIED CURB & GUTTER DETAIL
 SCALE: N.T.S.



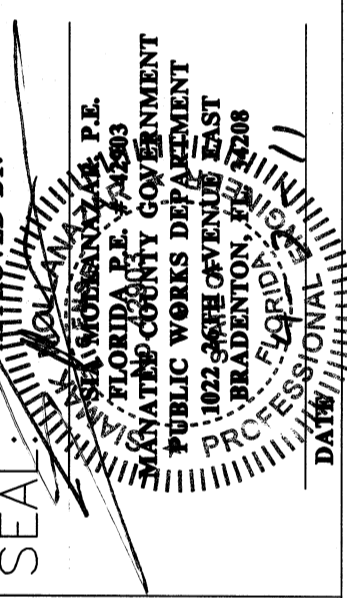
SIDEWALK JOINT DETAILS
 SCALE: N.T.S.

- SIDEWALK CONSTRUCTION NOTES:**
- ALL ORGANIC MATERIAL & DEBRIS SHALL BE REMOVED AND AREA GRADED & COMPACTED PRIOR TO CONCRETE PLACEMENT.
 - THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 2,500 P.S.I. AT 28 DAYS.
 - TYPE "B" JOINTS MAY BE SAW CUT.
 - MINIMUM CROSS SLOPE ACROSS SIDEWALK TO BE 1/4" PER FOOT.

- GENERAL NOTES**
- THERE SHALL BE NO CHANGE OR DEVIATION FROM THESE PLANS WITHOUT PRIOR APPROVAL BY THE ENGINEER.
 - ALL PROPOSED GROUND ELEVATIONS ARE FINISHED SOD ELEVATIONS. FINISH EARTHWORK GRADING SHALL BE 0.2 FEET BELOW ELEVATIONS SHOWN TO ALLOW FOR SOD THICKNESS.
 - SODDING INCLUDES MAINTAINING SLOPES AND SOD UNTIL COMPLETION AND ACCEPTANCE OF TOTAL PROJECT OR GROWTH IS ESTABLISHED, WHICHEVER COMES LAST, UNTIL THEN, ALL EROSION, SILTATION, AND MAINTENANCE OF GRADES AND GRASS IS THE RESPONSIBILITY OF THE CONTRACTOR.
 - LAY SOD AROUND ALL INLETS, MITERED ENDWALLS, HEADWALLS, SWALES, LAKE SLOPES, AND ALL NON PERVIOUS SURFACE AREAS WITHIN THE RIGHT OF WAY ARE TO BE SODDED AS SHOWN IN DETAILS OR AS DIRECTED BY THE ENGINEER.
 - NOTIFY "SUNSHINE STATE ONE CALL (1-800-432-4770), MANATEE COUNTY PUBLIC WORKS DEPARTMENT, FLORIDA POWER & LIGHT, PEACE RIVER ELECTRIC, VERIZON AND ANY OTHER UTILITIES (GAS COMPANIES, CABLE TV, ETC.) PRIOR TO CONSTRUCTION OPERATION AND PRIOR TO ANY CONNECTION TO EXISTING UTILITIES. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT EXISTING UTILITIES FROM DAMAGE.
 - ALL STORM DRAIN LINES, CONTROL STRUCTURES, AND INLETS SHALL BE CONSTRUCTED TO ALIGNMENT AND LOCATIONS SHOWN ON PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - CLEARING, GRUBBING, STRIPPING, AND COMPACTION SHALL BE INSPECTED BY THE ENGINEER OR HIS DULY APPOINTED REPRESENTATIVE PRIOR TO FILLING.
 - PRIOR TO THE START OF CONSTRUCTION ACTIVITIES, PRESERVE AREAS WITHIN AND ADJOINING THE AREA OF CONSTRUCTION ACTIVITY SHALL BE PROTECTED BY ERECTION OF TREE PROTECTION BARRICADES AND/OR SILT BARRIERS. TREE PROTECTION BARRICADES SHALL MEET THE STANDARDS OF MANATEE COUNTY LAND DEVELOPMENT CODE. SILT BARRIERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICES DETAIL DRAWING. THE ENGINEER SHALL DETERMINE THE EXTENT AND TYPE OF PROTECTIVE MEASURES TO BE CONSTRUCTED FOR THE PROTECTION OF PRESERVE AREAS SUBJECT TO THE APPROVAL OF SWFWMD & MANATEE COUNTY EMD WHEN PRESERVE AREA BARRICADES AND BARRIERS ARE IN PLACE. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY REQUIRED TREE REMOVAL PERMIT FROM MANATEE COUNTY.
 - LOCATION OF ALL STORM STRUCTURES (WEIR, MITERED END, CONTROL STRUCTURE, GRATE INLET, ETC.) ADJACENT TO A WETLAND SHALL BE APPROVED BY THE ENGINEER OR HIS REPRESENTATIVE AFTER SURVEY STAKE OUT AND PRIOR TO INSTALLATION.
 - THE CONTRACTOR SHALL ADHERE TO AND HAVE A COPY OF THE SWFWMD PERMIT FOR THE PROJECT ON SITE.
 - ALL CONCRETE PIPE IN R/W SHALL HAVE A FILTER FABRIC JACKET MINIMUM 12" EACH SIDE OF JOINT WITH MINIMUM 24" OVERLAP AT SEAM PER FDOT INDEX #280 & #199 & ALL APPLICABLE COUNTY REQUIREMENTS. IN ADDITION, ALL ELLIPTICAL PIPE SHALL HAVE ALL JOINTS WRAPPED.
 - THE CONTRACTOR SHALL PROTECT ANY WELLS IN THE AREA, WITH A BARRIER OR OTHER MEANS, TO AVOID ACCIDENTAL DAMAGE TO THE WELLS DURING CONSTRUCTION ACTIVITIES OR UNTIL THE WELLS CAN BE PROPERLY ABANDONED BY A LICENSED WELL CONTRACTOR.
 - THE CONTRACTOR SHALL NEUTRALIZE DUST DURING CONSTRUCTION AS REQ'D.
 - THE CONTRACTOR SHALL SOA A TWO FT (2') STRIP AT THE BACK OF ALL CURBS, PAVEMENT EDGES, SWALES AND DETENTION AREAS UNLESS NOTED OTHERWISE. ALL OTHER AREAS NOT COVERED BY PAVEMENT OR BUILDING SHALL BE LANDSCAPED, SODDED, SEEDDED, OR LEFT IN IT'S NATURAL STATE.
 - PERMANENT EROSION CONTROLS SHALL BE INCORPORATED AT THE EARLIEST PRACTICAL TIME.
 - TEMPORARY EROSION CONTROLS SHALL BE ADOPTED AS NECESSARY TO PRECLUDE EXCESSIVE EROSION.
 - TEMPORARY EROSION CONTROLS MAY CONSIST OF, BUT NOT LIMITED TO; GRASSING, SODDING, SAND BAGGING, SLOPE GRABBERS, SEDIMENT BASINS, SEDIMENT CHECKS, BERMS, BALED HAY OR STRAW, FLOATING SILT BARRIERS, AND STAKED SILT FENCES.
 - THE LOCATION OF EXISTING UTILITY LINES AND DRAINAGE STRUCTURES SHOWN ON PLANS ARE APPROXIMATE ONLY, AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THESE LOCATIONS PRIOR TO THE START OF CONSTRUCTION.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY EXISTING UNDERGROUND UTILITY LINES NOT SHOWN ON PLANS, AND TO PRESERVE AND PROTECT SAID UTILITY LINES.
 - WRITTEN DIMENSIONS ON PLANS SUPERCEDES SCALED DISTANCES.
 - THE CONTRACTOR SHALL SCHEDULE HIS OPERATIONS SUCH THAT A MINIMUM AREA OF UNPROTECTED ERODIBLE EARTH NECESSARY FOR EFFICIENT CONSTRUCTION OPERATIONS BE EXPOSED AT ONE TIME, AND FOR THE SHORTEST DURATION POSSIBLE.
 - THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENTS OF THE WATER, GAS, SEWER, TELEPHONE, AND POWER COMPANIES 10 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION THAT HE INTENDS TO WORK IN A SPECIFIC AREA.
 - ALL DISTURBED AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE AND SHALL RECEIVE SOD AS DIRECTED.
 - ANY DISCREPANCIES ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO COMMENCING WORK.
 - FILL IN ALL AREAS SHALL BE COMPACTED IN LIFTS NOT EXCEEDING 12 INCHES TO A DENSITY OF 98% PER AASHTO T-180. REFER TO BUILDING PLANS FOR STRUCTURAL STRUCTURAL COMPACTION SPECIFICATIONS.
 - THE CONTRACTOR SHALL MAINTAIN TRAFFIC DURING CONSTRUCTION IN ACCORDANCE WITH THE "FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
 - THE CONTRACTOR SHALL OBTAIN COPIES OF ALL REQUIRED PERMITS PRIOR TO COMMENCING WORK AND RETURN ON-SITE.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE THE WORK SITE AS MAY BE NECESSARY, TO INFORM HIMSELF OF THE CONDITION UNDER WHICH WORK IS TO BE PERFORMED.
 - ALL DISPLACED TREES AND OTHER VEGETATIVE MATTER SHALL BE REMOVED OFF SITE.
 - ALL ROADWAY AND DRAINAGE RELATED CONCRETE SHALL BE A MINIMUM OF 3,000 PSI IN STRENGTH AT THE 28 DAY BREAK, UNLESS NOTED OTHERWISE.
 - STORM PIPING SHALL MAINTAIN MIN. COVER PER FDOT INDEX #205.
 - ALL POTABLE WATER, REUSE WATER, SANITARY SEWER AND DRAINAGE IMPROVEMENTS AND ASSOCIATED APPURTENANCES LOCATED WITHIN THE PUBLIC RIGHT-OF-WAY ARE TO BE PUBLICLY OWNED AND MAINTAINED.
 - ALL TRAFFIC CONTROL PAVEMENT MARKINGS SHALL BE ALKYD THERMOPLASTIC, 90 MILS IN THICKNESS, TO CONFORM TO F.D.O.T. AND M.U.T.C.D. STANDARDS.
 - SEDIMENT & EROSION CONTROL (S&E) DEVICES SHALL BE INSTALLED AND THEN VERIFIED / INSPECTED BY MANATEE COUNTY E.M.D. STAFF PRIOR TO THE START OF CONSTRUCTION.
 - DAILY INSPECTION MAINTENANCE OF S&E DEVICES SHALL BE PERFORMED. AN INSPECTION / MAINTENANCE LOG IS RECOMMENDED, AND SHALL BE MAINTAINED & AVAILABLE ON-SITE FOR MANATEE COUNTY E.M.D. STAFF.
 - ALL CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH MANATEE COUNTY TRANSPORTATION DEPARTMENT COMMENTS.
 - IF BURNING OF TREES AND/OR BRANCHES IS REQUIRED FOR LAND CLEARING, A BURN PERMIT MUST FIRST BE OBTAINED FROM THE ENVIRONMENTAL MANAGEMENT DEPT.
 - PRIOR TO COMMENCEMENT OF CONSTRUCTION OR LAND CLEARING, AN EROSION AND SEDIMENT CONTROL PLAN (ESCP) SHALL BE SUBMITTED TO THE EMD FOR REVIEW AND APPROVAL PURSUANT TO SECTION 508.3.4.7.1 OF THE L.D.C. FINAL SITE PLANS, CONSTRUCTION PLANS, ERP AND NPDES PERMIT APPROVALS MUST BE OBTAINED PRIOR TO SUBMITTAL OF THE ESCP.
- NOTE A**
- DUE TO INCOMPLETE AS-BUILT UTILITY INFORMATION, THE CONTRACTOR SHALL VERIFY LOCATION OF EXISTING UTILITIES (HORIZONTALLY AND VERTICALLY) PRIOR TO STORM STRUCTURE FABRICATION AND SHOP DRAWING SUBMITTAL. THE INFORMATION SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW. THE ENGINEER MAY REVISE THE STORM PIPING TO AVOID A POSSIBLE CONFLICT. NO ADDITIONAL COST OR CONTRACT TIME WILL BE GRANTED FOR THIS FIELD VERIFICATION AND REVIEW PROCESS.
- STORM CULVERT NOTES**
- ALL PIPE NOTED AS R.C.P. IS TO BE CLASS III ELLIPTICAL R.C.P., UNLESS OTHERWISE NOTED, WITH ALL JOINTS WRAPPED IN MIRAFI 140-N.
 - ALL CULVERTS DENOTED A.D.S. ARE TO BE SMOOTH LINED, N12, A.D.S. PIPE.
 - ALL CULVERTS NOTED AS P.V.C. ARE TO BE DR-18 C900 P.V.C.
 - PIPE SLOPES IN TABLE ARE MINIMUM. THE CONTRACTOR IS TO INSTALL CULVERTS TO THE INVERT ELEVATIONS SHOWN.
 - ALL STORM PIPING TO MAINTAIN MINIMUM COVER REQUIREMENTS PER F.D.O.T. INDEX #205, OR PROVIDE ADDITIONAL FRANGIBLE BASE AS NOTED.

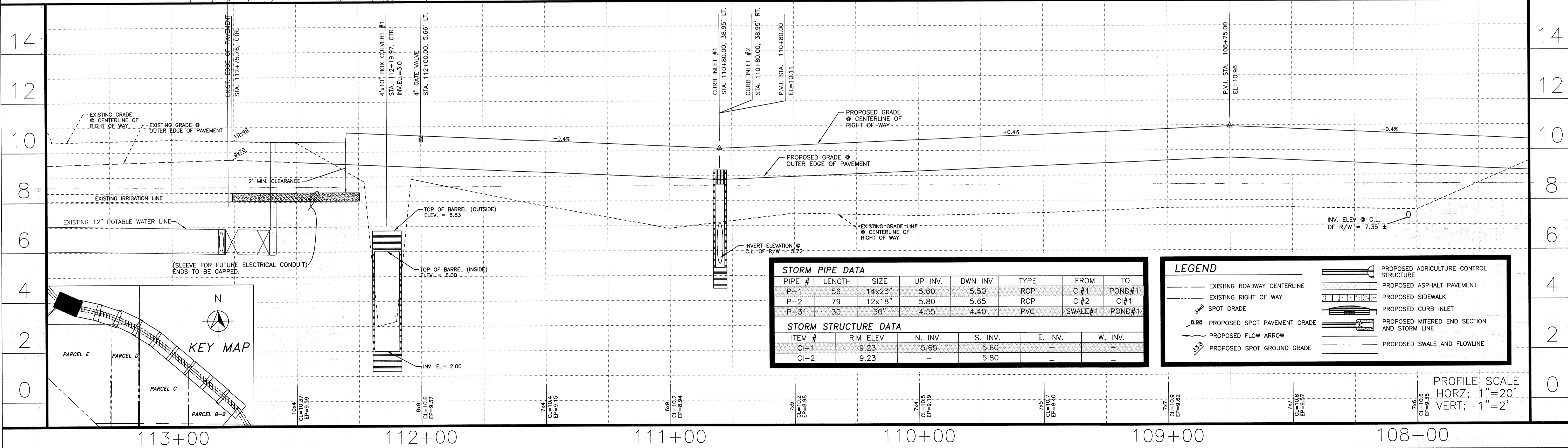
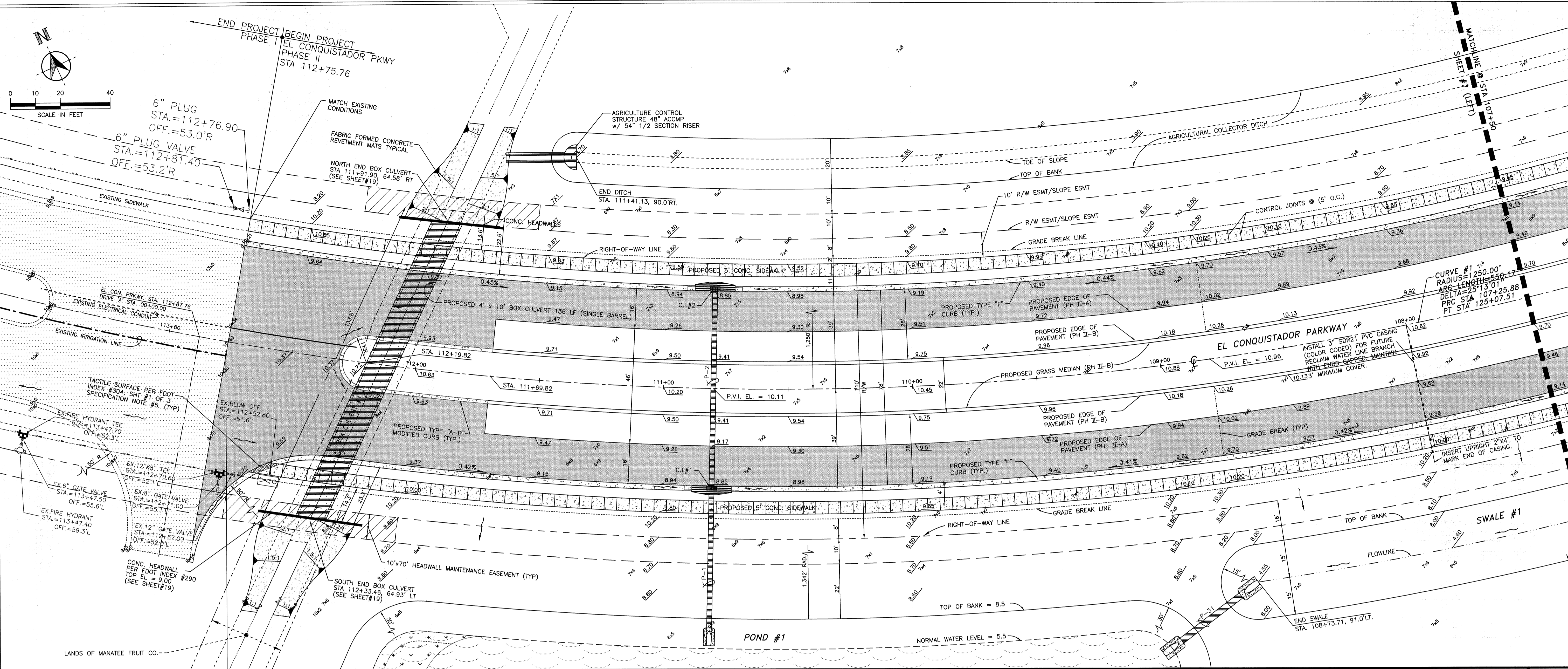
MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E.
 BRADENTON, FL 34208

PROJECT NO. 074110	DRAWN BY: J.M.W.
CHECKED BY: J.M.W.	DATE: 27 FEB 2007
REVISIONS:	DATE: 20 NOV 2008 J.M.W.
ADDED EASEMENT NOTES PER SWFWMD	



EL CONQUISTADOR PARKWAY EXTENSION PHASE II

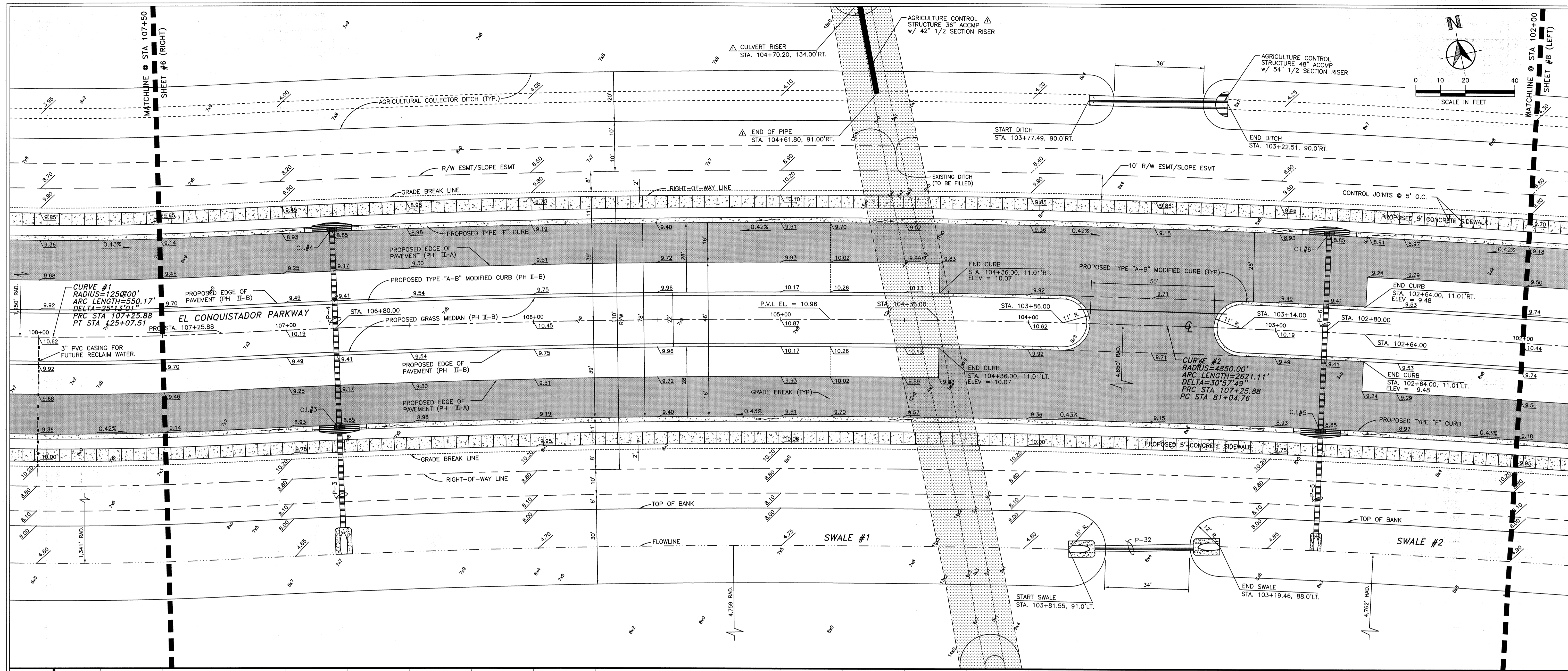
TYPICAL ROADWAY CROSS SECTIONS



MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E.
 BRADENTON, FL 34208

PROJECT NO. 0910
 DRAWN BY J.A.W.
 CHECKED BY J.A.W.
 DATE 23 FEB 2007
 REVISIONS

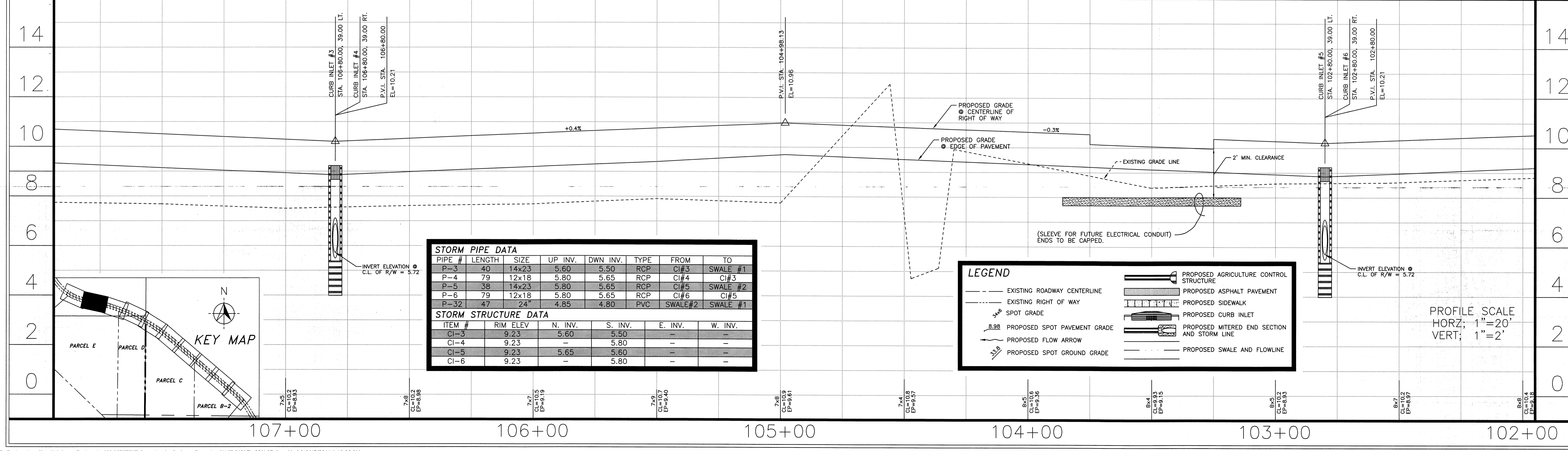
EL CONQUISTADOR PARKWAY EXTENSION PHASE II
 ROADWAY PLAN & PROFILE
 STA 107+50- STA 113+00
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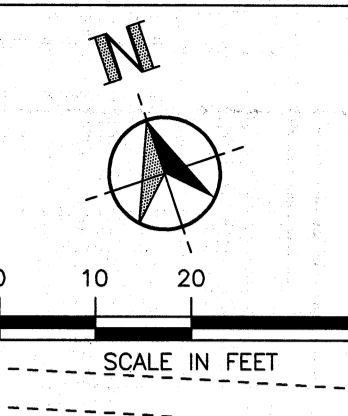
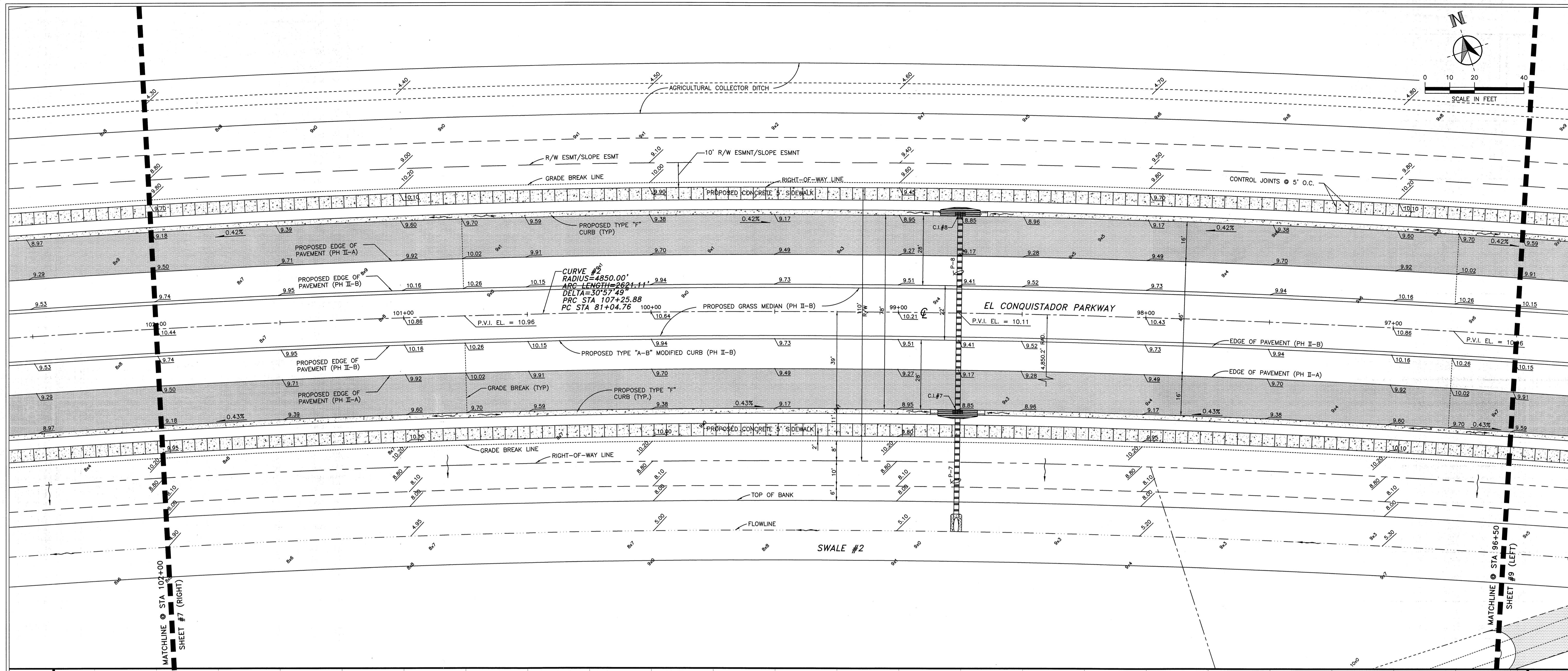


MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208

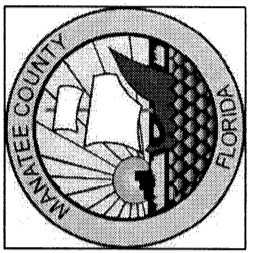
PROJECT NO. 07M110
DRAWN BY JAW
CHECKED BY ZLP
DATE 23 FEB 2007

SEAL
APPROVED BY
SIA MOLLANA, P.E.
REGISTERED PROFESSIONAL ENGINEER
MANATEE COUNTY, FLORIDA
1025 11TH AVENUE EAST
BRADENTON, FL 34208
DATE 02/23/07



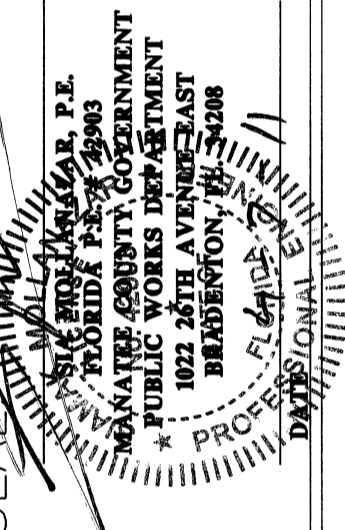


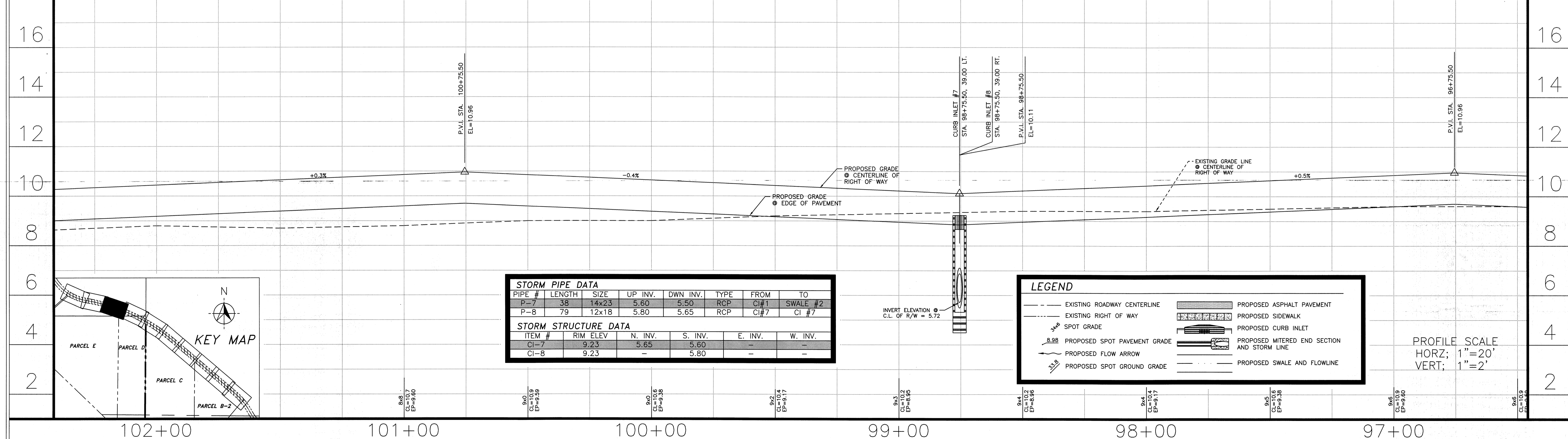
MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E.
 BRADENTON, FL 34208



PROJECT NO. 07M110 DRAWN BY JAW DATE 28 FEB 2007
 CHECKED BY CJP DATE 28 FEB 2007

REVISIONS	DATE	BY

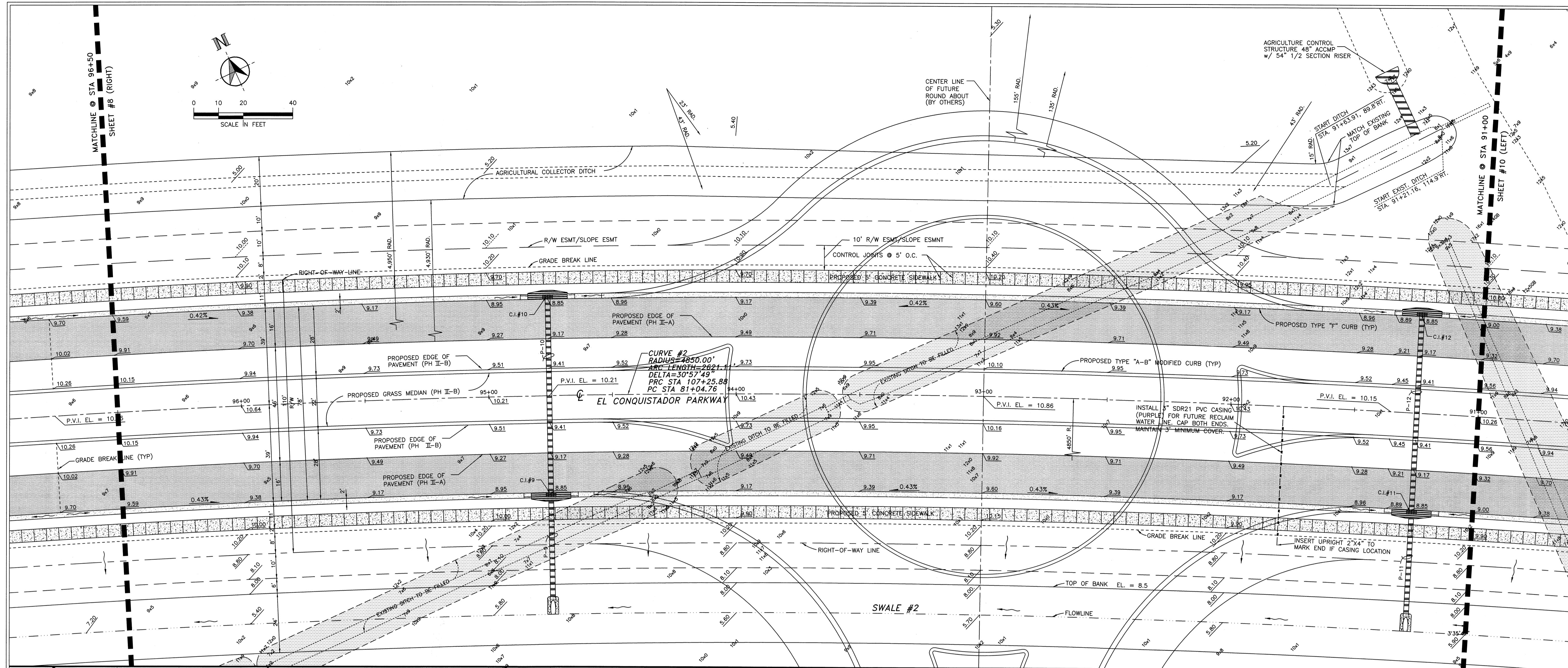
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EL CONQUISTADOR PARKWAY EXTENSION PHASE II

ROADWAY PLAN & PROFILE
 STA 96+50 - STA 102+00

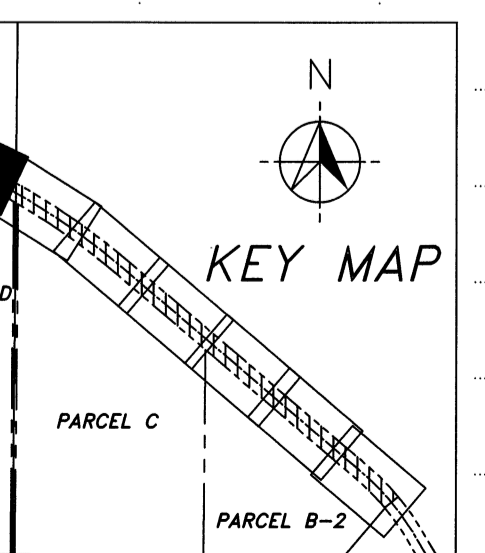
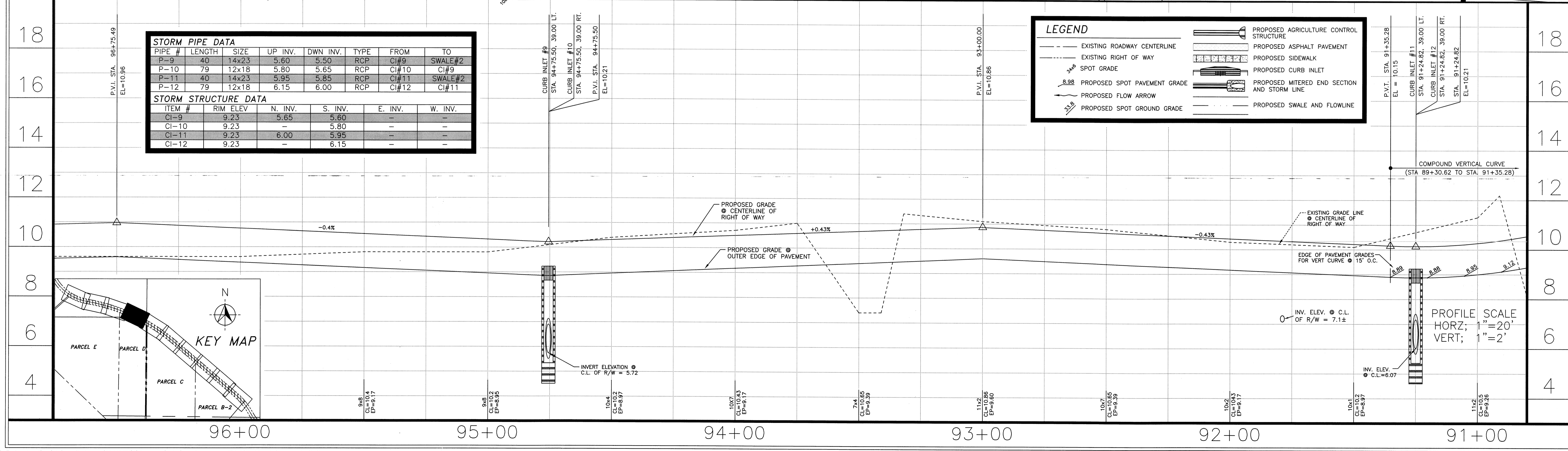
SHEET 08 OF



STORM PIPE DATA						
PIPE #	LENGTH	SIZE	UP INV.	DWN INV.	TYPE	FROM TO
P-9	40	14x23	5.60	5.50	RCP	CI#9 SWALE#2
P-10	79	12x18	5.80	5.65	RCP	CI#10 CI#9
P-11	40	14x23	5.95	5.85	RCP	CI#11 SWALE#2
P-12	79	12x18	6.15	6.00	RCP	CI#12 CI#11

STORM STRUCTURE DATA					
ITEM #	RIM ELEV.	N. INV.	S. INV.	E. INV.	W. INV.
CI-9	9.23	5.65	5.60	-	-
CI-10	9.23	-	5.80	-	-
CI-11	9.23	6.00	5.95	-	-
CI-12	9.23	-	6.15	-	-

LEGEND	
	EXISTING ROADWAY CENTERLINE
	EXISTING RIGHT OF WAY
	SPOT GRADE
	PROPOSED SPOT PAVEMENT GRADE
	PROPOSED SPOT GROUND GRADE
	PROPOSED AGRICULTURE CONTROL STRUCTURE
	PROPOSED ASPHALT PAVEMENT
	PROPOSED SIDEWALK
	PROPOSED CURB INLET
	PROPOSED MITERED END SECTION AND STORM LINE
	PROPOSED SWALE AND FLOWLINE



MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208

EL CONQUISTADOR PARKWAY EXTENSION PHASE II

ROADWAY PLAN & PROFILE
STA 91+00 - STA 96+50

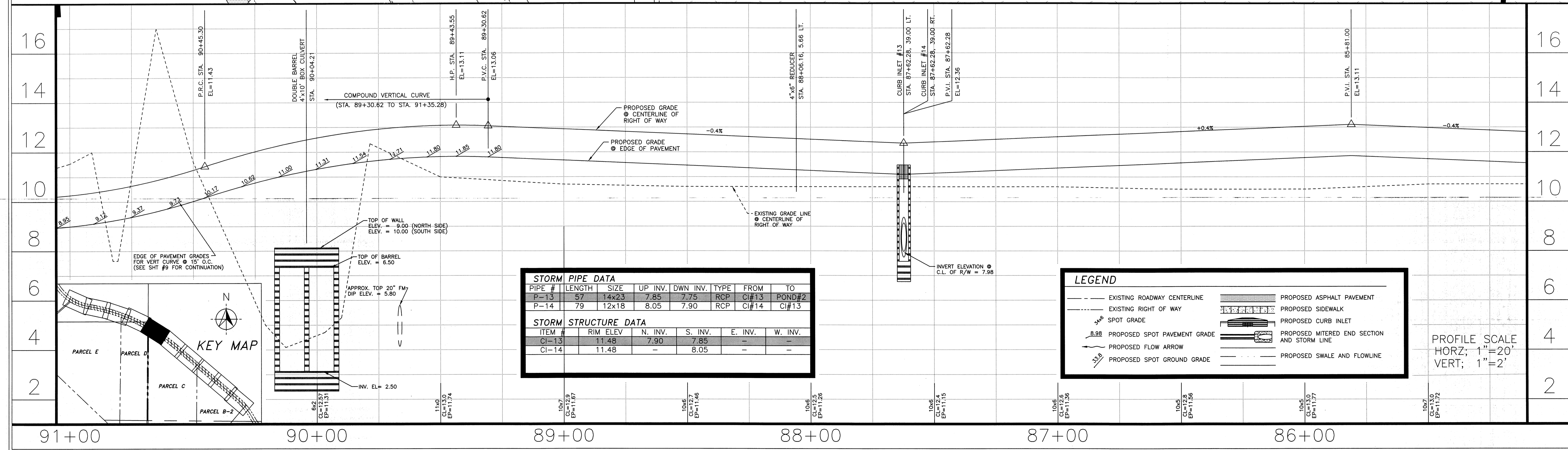
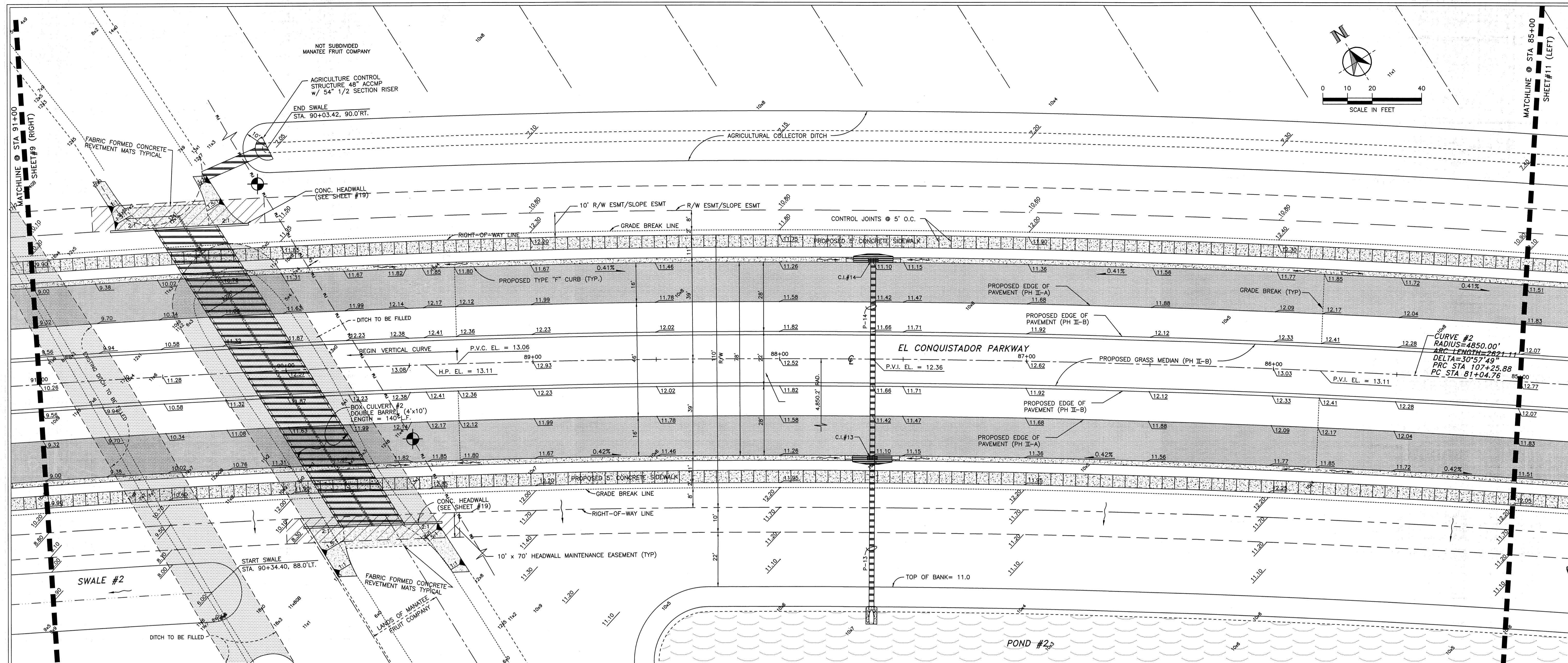
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PROJECT NO. 07M110 DRAWN BY J.M.W. DATE 24 MAY 2002
CHECKED BY C.E.-J.M.E. DATE 31 JUL 2002

SEAL: [Professional Engineer Seal]

REVISIONS:

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MANATEE COUNTY PUBLIC WORKS DEPARTMENT
10222 26TH AVE. E.
BRADENTON, FL 34208

EL CONQUISTADOR PARKWAY EXTENSION
PHASE II

ROADWAY PLAN & PROFILE
STA 85+00 - STA 91+00

SHEET 10 OF

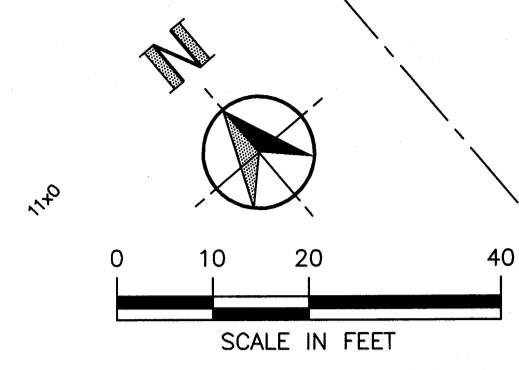
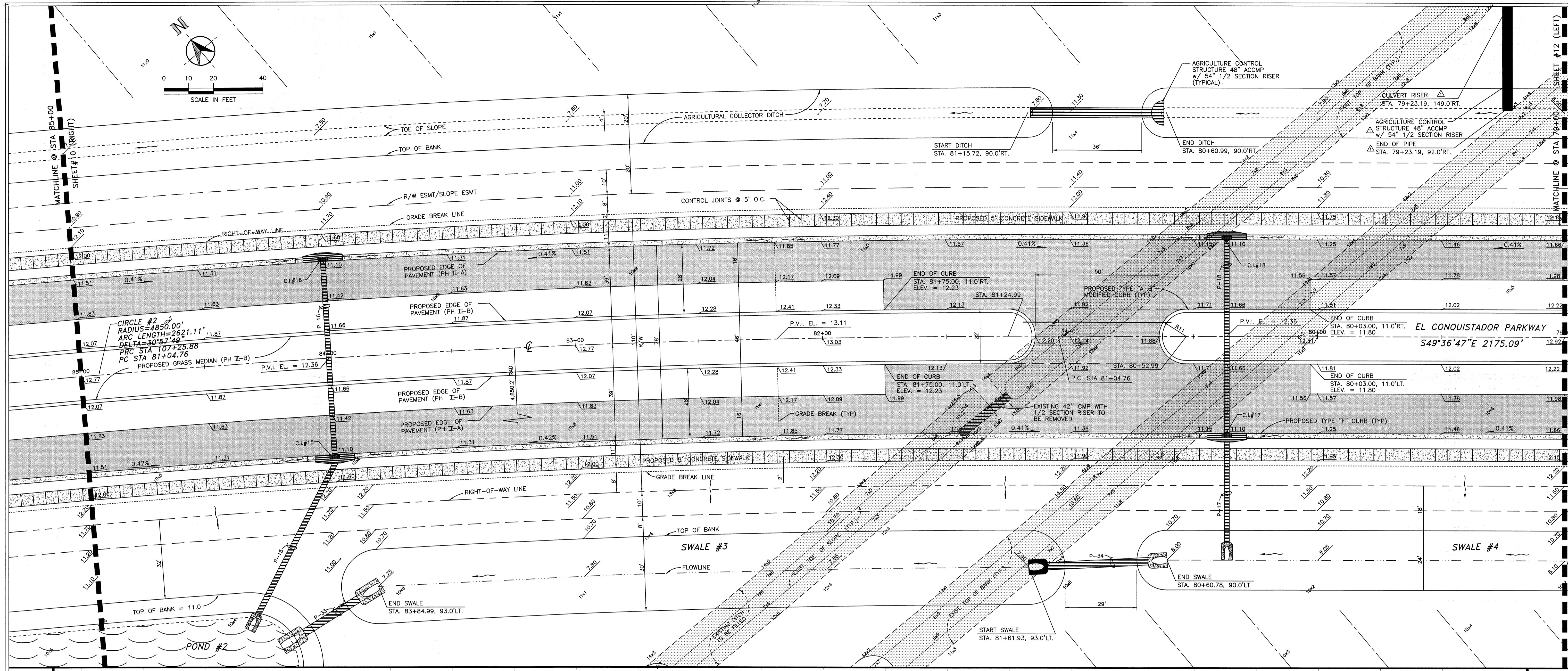
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CHECKED BY GMM/MP DATE 24 MAY 2002

REVISIONS

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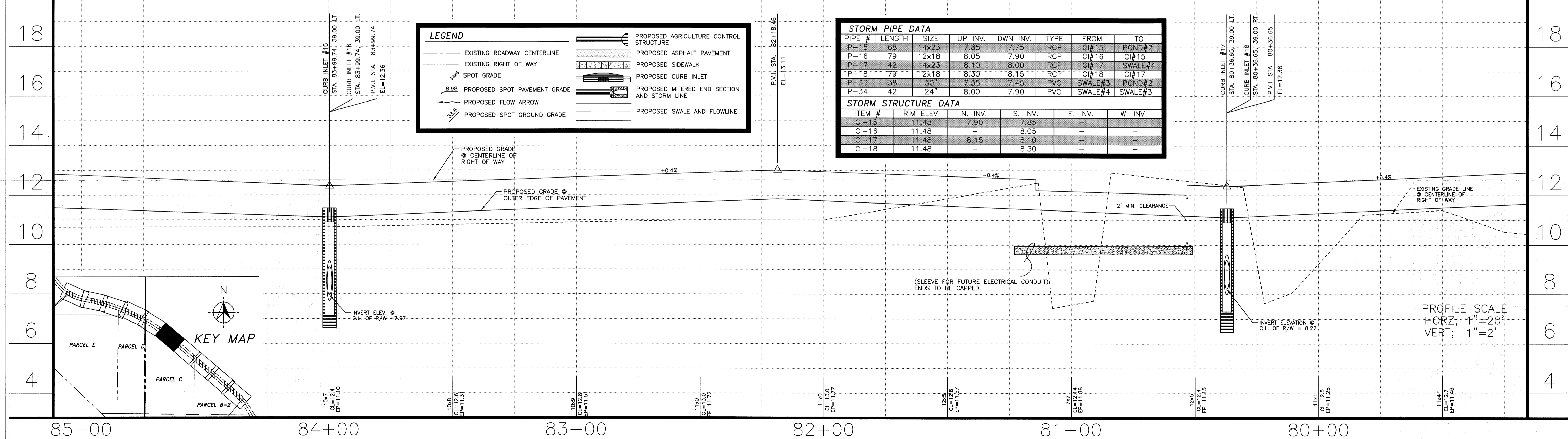
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MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E.
 BRADENTON, FL 34208

PROJECT NO. 07M110
 CHECKED BY: J.A.W.
 DRAWN BY: J.A.W.
 DATE: 24 FEB 2007
 REVISIONS: 1. DATE: 19 JAN 2008 L.D.M.
 ADDED DATA FOR AG STRUCT @ STA 79+23.19

SEARCHED BY: J.A.W.
 INDEXED BY: J.A.W.
 FILED BY: J.A.W.
 MANATEE COUNTY GOVERNMENT
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVENUE EAST
 BRADENTON, FL 34208



LEGEND

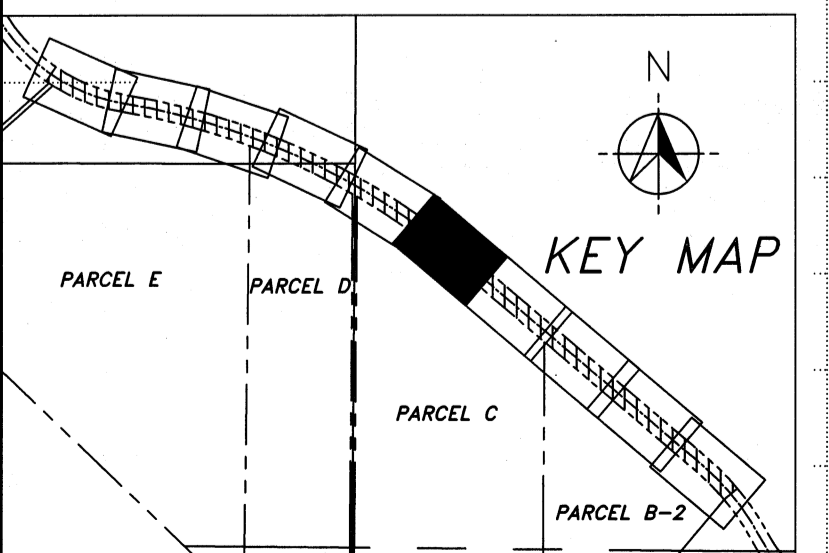
- EXISTING ROADWAY CENTERLINE
- EXISTING RIGHT OF WAY
- SPOT GRADE
- PROPOSED SPOT PAVEMENT GRADE
- PROPOSED FLOW ARROW
- PROPOSED SPOT GROUND GRADE
- PROPOSED AGRICULTURE CONTROL STRUCTURE
- PROPOSED ASPHALT PAVEMENT
- PROPOSED SIDEWALK
- PROPOSED CURB INLET
- PROPOSED MITERED END SECTION AND STORM LINE
- PROPOSED SWALE AND FLOWLINE

STORM PIPE DATA

PIPE #	LENGTH	SIZE	UP INV.	DWN INV.	TYPE	FROM	TO
P-15	68	14x23	7.85	7.75	RCP	CI#15	POND#2
P-16	79	12x18	8.05	7.90	RCP	CI#16	CI#15
P-17	42	14x23	8.10	8.00	RCP	CI#17	SWALE#4
P-18	79	12x18	8.30	8.15	RCP	CI#18	CI#17
P-33	38	30"	7.55	7.45	PVC	SWALE#3	POND#2
P-34	42	24"	8.00	7.90	PVC	SWALE#4	SWALE#3

STORM STRUCTURE DATA

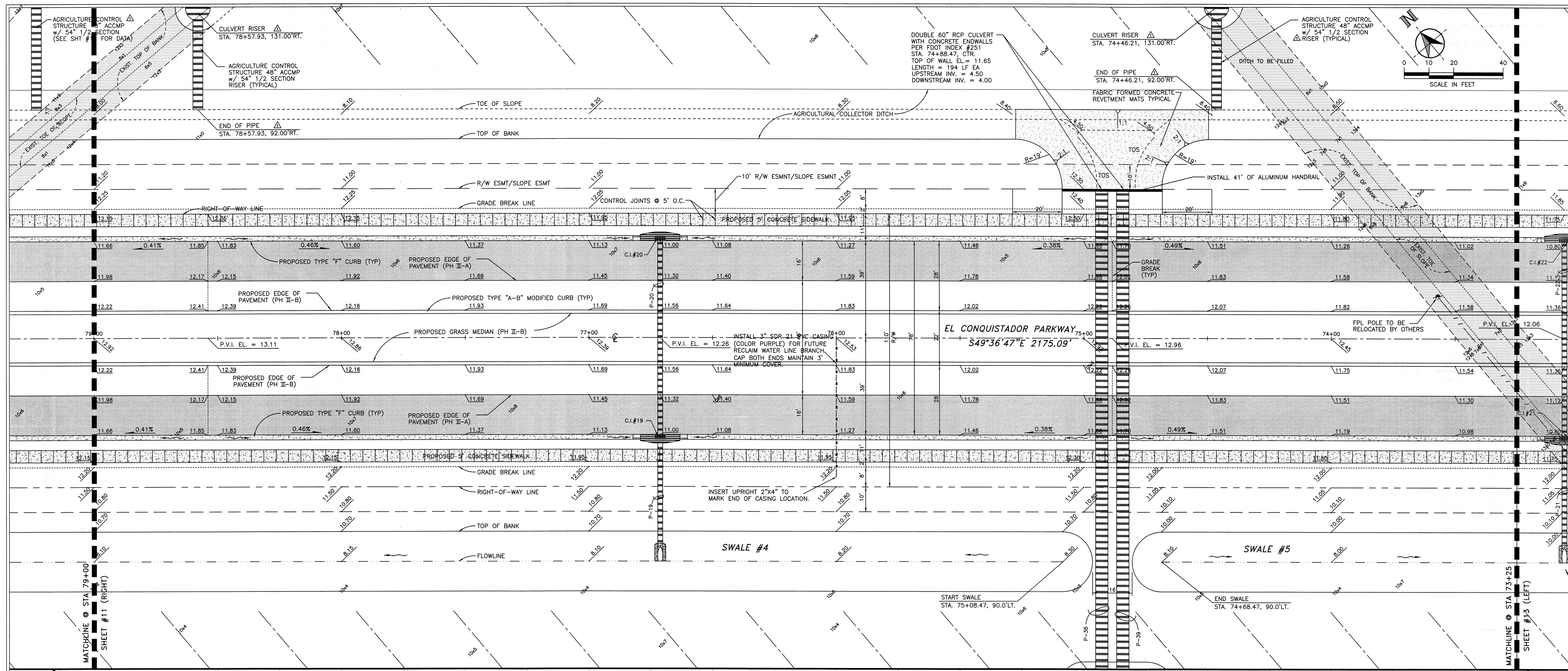
ITEM #	RIM ELEV.	N. INV.	S. INV.	E. INV.	W. INV.
CI-15	11.48	7.90	7.85	-	-
CI-16	11.48	-	8.05	-	-
CI-17	11.48	8.15	8.10	-	-
CI-18	11.48	-	8.30	-	-



EL CONQUISTADOR PARKWAY EXTENSION PHASE II

ROADWAY PLAN & PROFILE
 STA 79+00 - STA 85+00

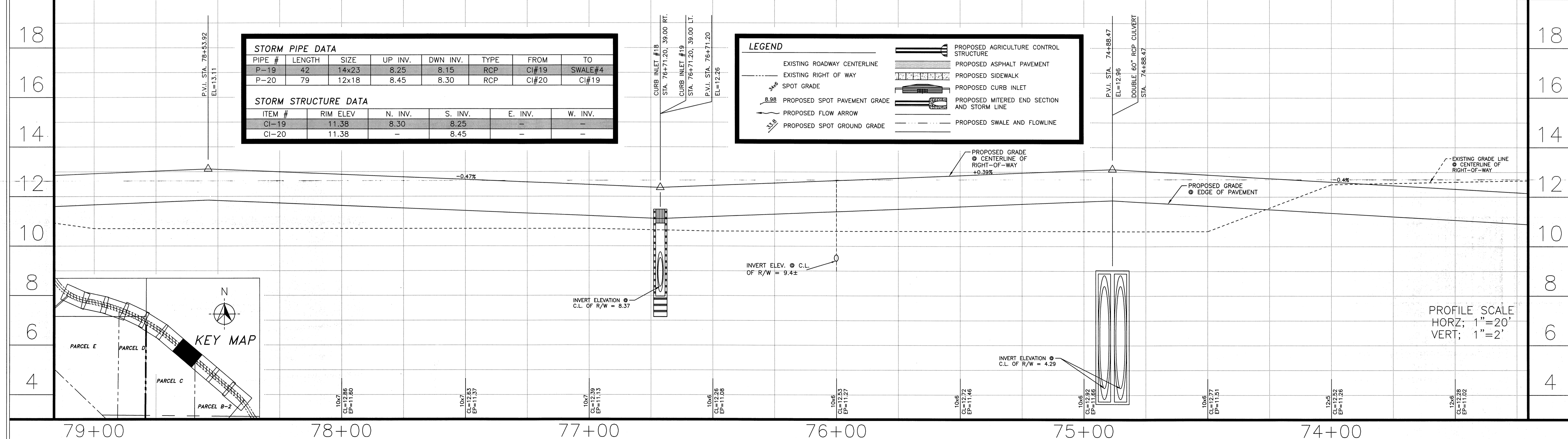
SHEET 11 OF



MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E
 BRADENTON, FL 34208

PROJECT NO. 09M110
 DRAWN BY JAW
 CHECKED BY JAW
 DATE 28 FEB 2007
 REVISIONS
 ADDED DATA FOR AG STRUCTURES
 19 JAN 2008 LDM

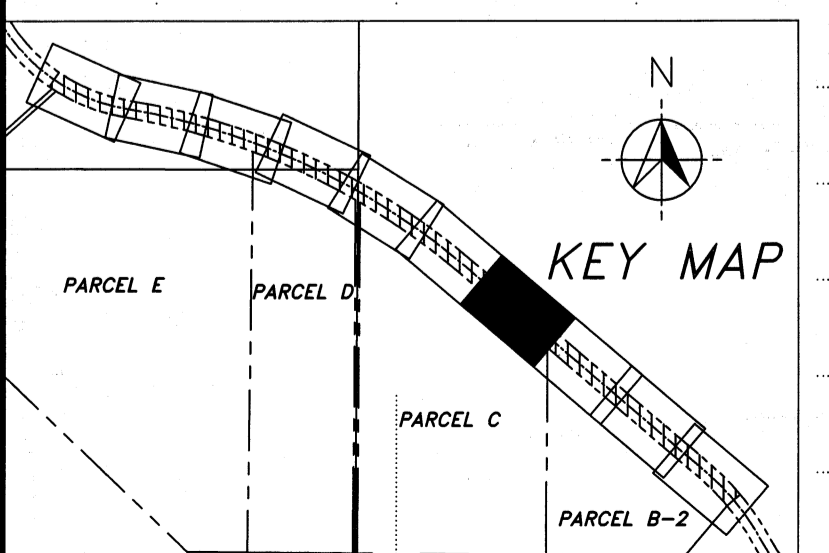
SEALED AND APPROVED
 JAW
 MANATEE COUNTY GOVERNMENT
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVENUE EAST
 BRADENTON, FL 34208
 DATE



STORM PIPE DATA							
PIPE #	LENGTH	SIZE	UP INV.	DWN INV.	TYPE	FROM	TO
P-19	42	14x23	8.25	8.15	RCP	CI#19	SWALE#4
P-20	79	12x18	8.45	8.30	RCP	CI#20	CI#19

STORM STRUCTURE DATA					
ITEM #	RIM ELEV	N. INV.	S. INV.	E. INV.	W. INV.
CI-19	11.38	8.30	8.25	-	-
CI-20	11.38	-	8.45	-	-

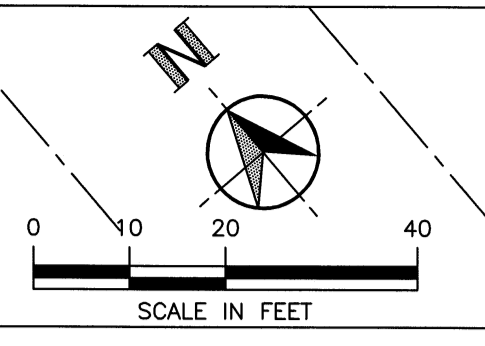
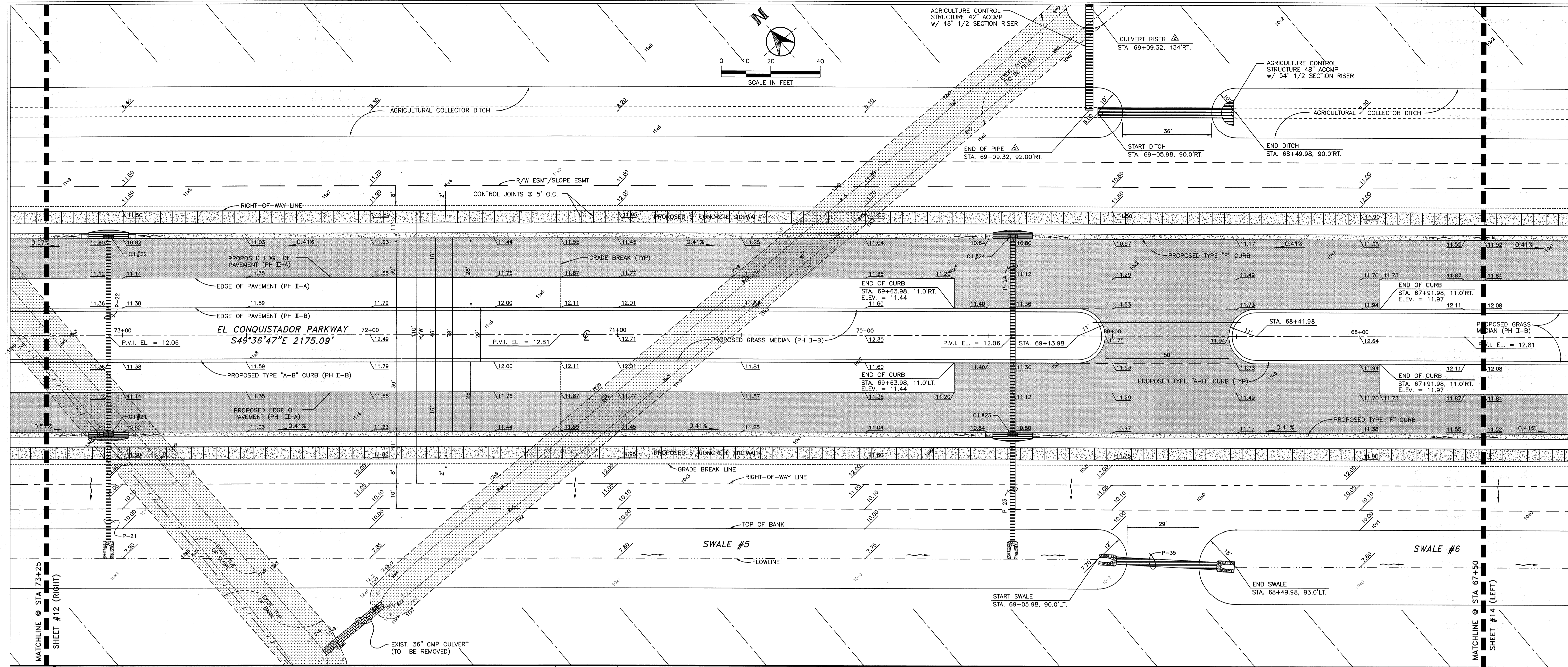
LEGEND	
	EXISTING ROADWAY CENTERLINE
	EXISTING RIGHT OF WAY
	SPOT GRADE
	PROPOSED SPOT PAVEMENT GRADE
	PROPOSED FLOW ARROW
	PROPOSED SPOT GROUND GRADE
	PROPOSED AGRICULTURE CONTROL STRUCTURE
	PROPOSED ASPHALT PAVEMENT
	PROPOSED SIDEWALK
	PROPOSED CURB INLET
	PROPOSED MITERED END SECTION AND STORM LINE
	PROPOSED SWALE AND FLOWLINE



EL CONQUISTADOR PARKWAY EXTENSION PHASE II

ROADWAY PLAN & PROFILE
 STA 73+25 - STA 79+00

SHEET 12 OF

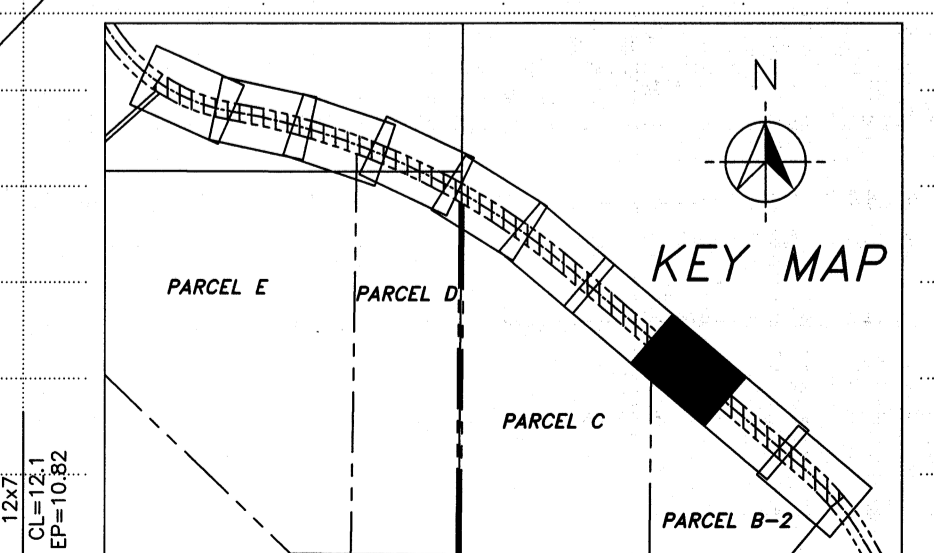
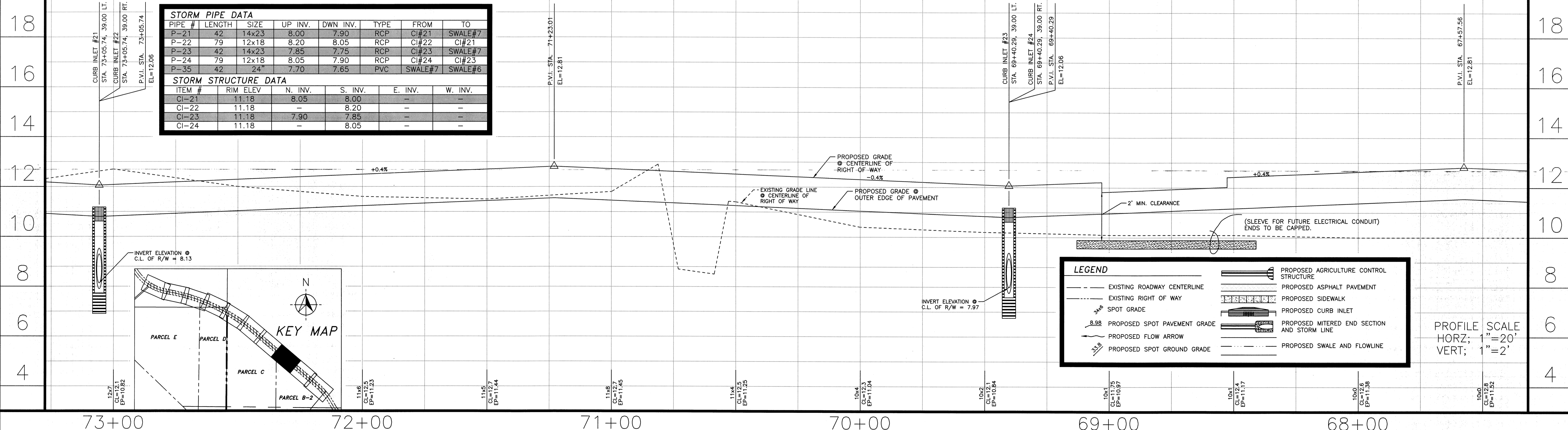


MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E.
 BRADENTON, FL 34208

PROJECT NO. 09A110 DRAWN BY JAW
 CHECKED BY CMA DATE 24 FEB 2007
 REVISIONS BY DATE
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 2. 09A110-02 JAW 24 FEB 2007
 3. 09A110-03 JAW 24 FEB 2007
 4. 09A110-04 JAW 24 FEB 2007
 5. 09A110-05 JAW 24 FEB 2007
 6. 09A110-06 JAW 24 FEB 2007
 7. 09A110-07 JAW 24 FEB 2007
 8. 09A110-08 JAW 24 FEB 2007
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 10. 09A110-10 JAW 24 FEB 2007
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 49. 09A110-49 JAW 24 FEB 2007
 50. 09A110-50 JAW 24 FEB 2007

PIPE #	LENGTH	SIZE	UP INV.	DWN INV.	TYPE	FROM	TO
P-21	42	14x23	8.00	7.90	RCP	CI#21	SWALE#7
P-22	79	12x18	8.20	8.05	RCP	CI#22	CI#21
P-23	42	14x23	7.85	7.75	RCP	CI#23	SWALE#7
P-24	79	12x18	8.05	7.90	RCP	CI#24	CI#23
P-35	42	24"	7.70	7.65	PVC	SWALE#7	SWALE#6

ITEM #	RIM ELEV.	N. INV.	S. INV.	E. INV.	W. INV.
CI-21	11.18	8.05	8.00		
CI-22	11.18	7.90	8.20		
CI-23	11.18	7.90	7.85		
CI-24	11.18		8.05		



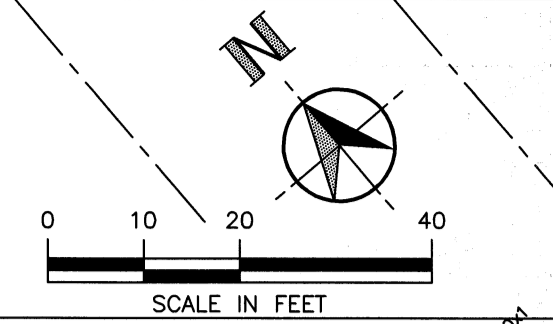
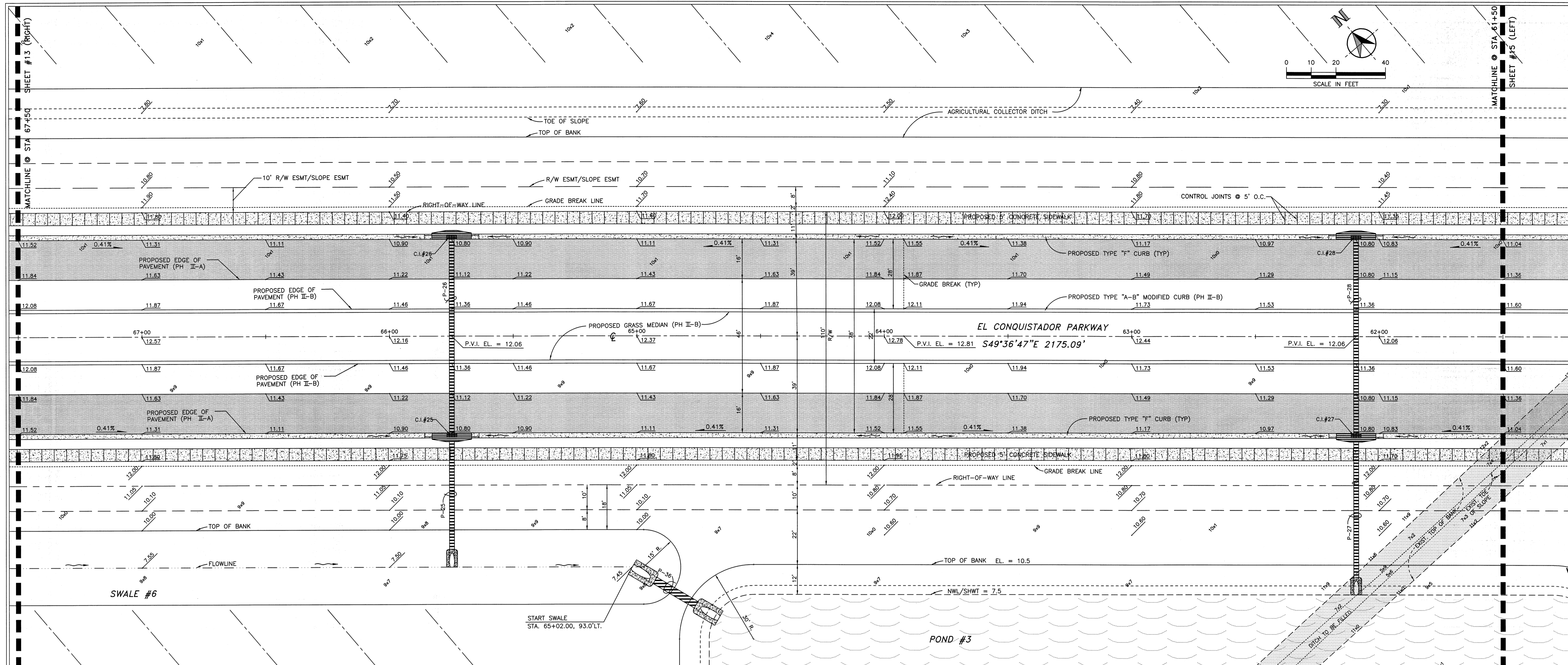
LEGEND	
	EXISTING ROADWAY CENTERLINE
	EXISTING RIGHT OF WAY
	PROPOSED SPOT PAVEMENT GRADE
	PROPOSED SPOT GROUND GRADE
	PROPOSED AGRICULTURE CONTROL STRUCTURE
	PROPOSED ASPHALT PAVEMENT
	PROPOSED SIDEWALK
	PROPOSED CURB INLET
	PROPOSED MITERED END SECTION AND STORM LINE
	PROPOSED SWALE AND FLOWLINE

PROFILE SCALE
 HORZ; 1" = 20'
 VERT; 1" = 2'

EL CONQUISTADOR
 PARKWAY EXTENSION
 PHASE II

ROADWAY
 PLAN & PROFILE
 STA 67+50 - STA 73+25

SHEET
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 OF



MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208

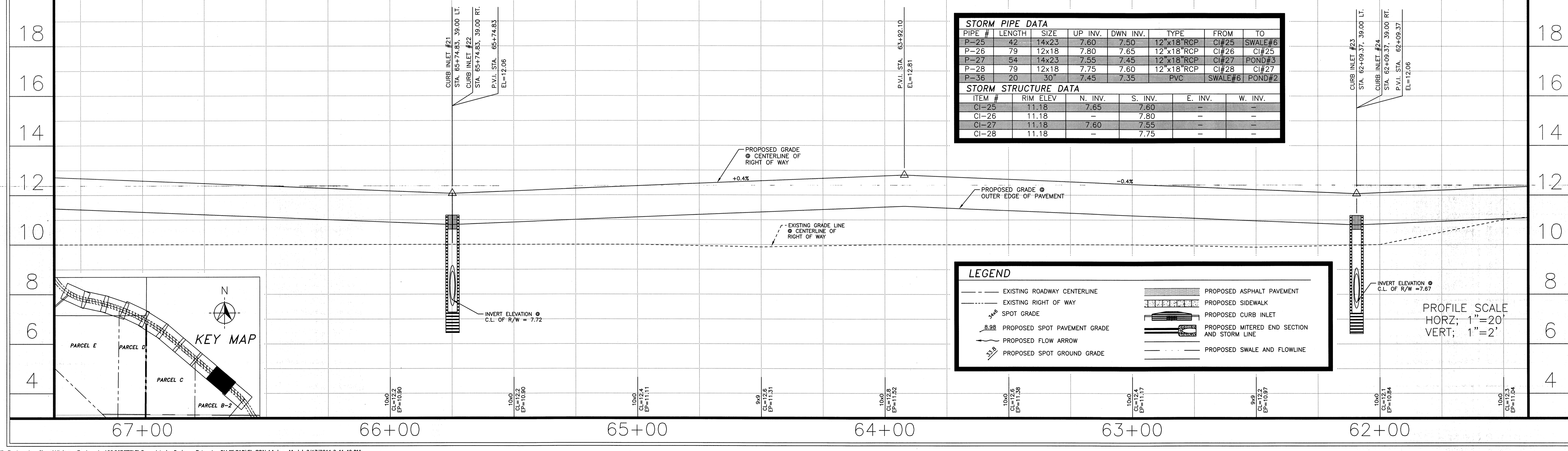
PROJECT NO. 07M110 DRAWN BY J.W.W. DATE 24 MAY 2002
CHECKED BY J.M.P. DATE 24 MAY 2002

REVISIONS	DATE	BY

APPROVED BY: DATE: 11/11/11
SEAL: DATE: 11/11/11

EL CONQUISTADOR
PARKWAY EXTENSION
PHASE II

ROADWAY
PLAN & PROFILE
STA 61+50 - STA 67+50

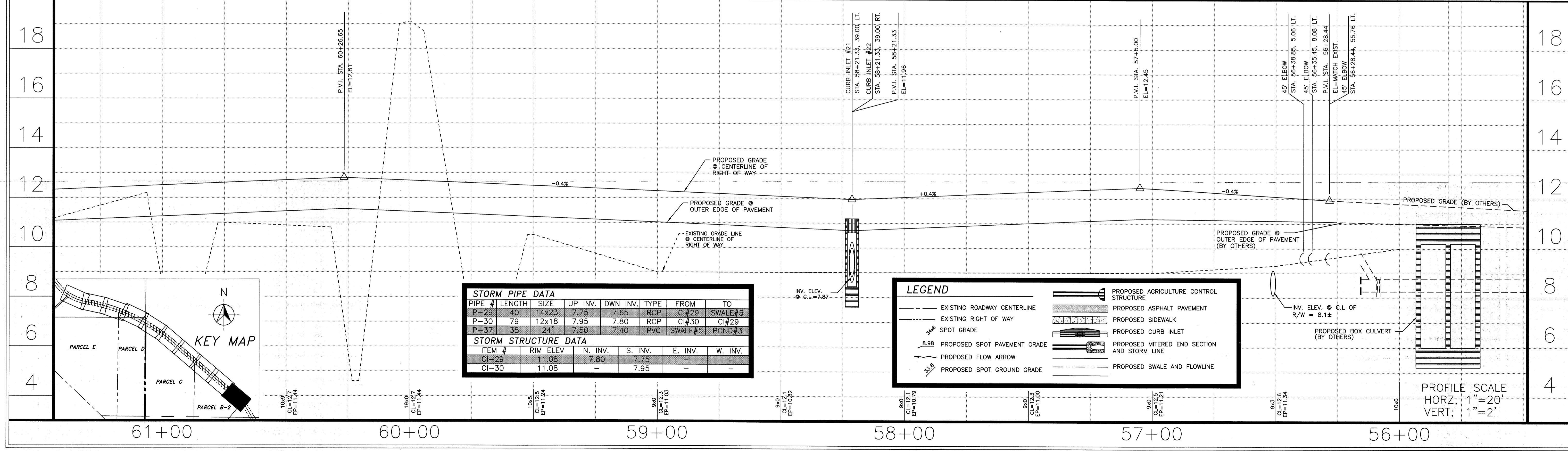
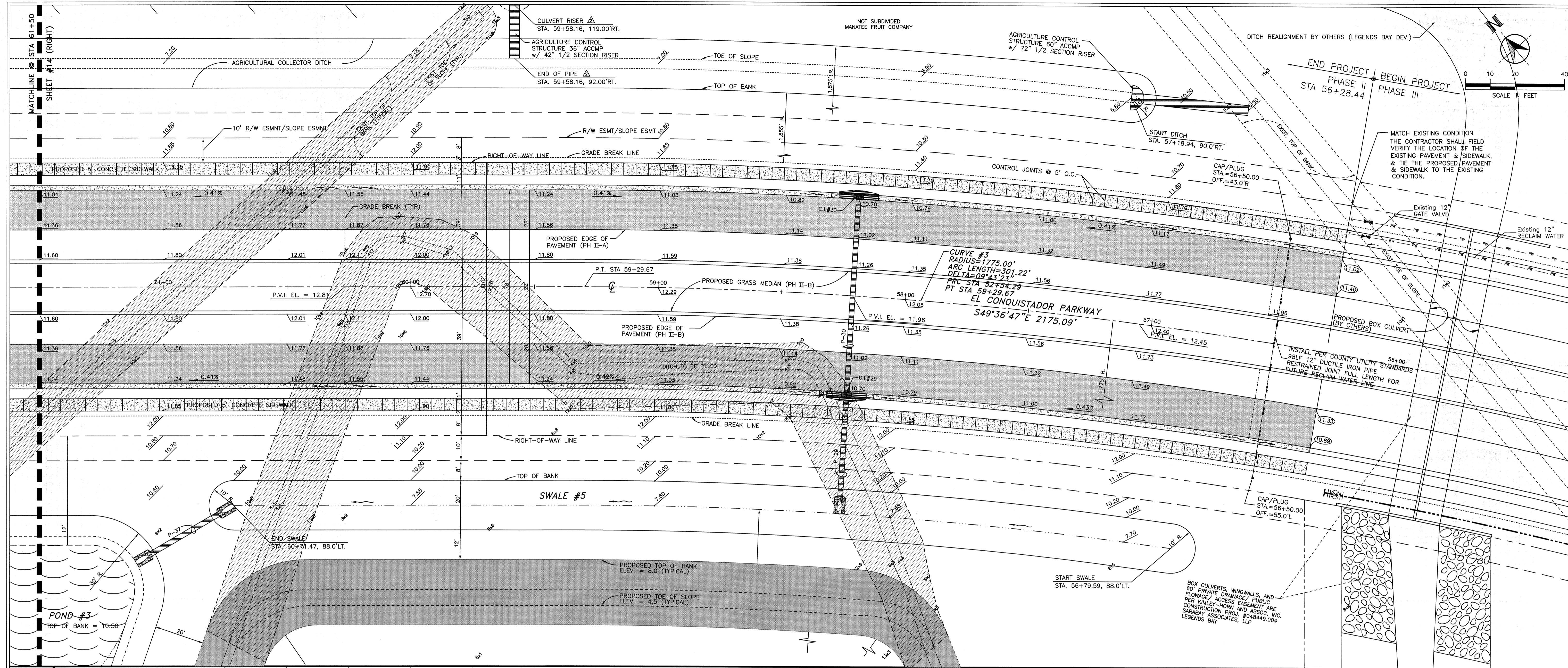


STORM PIPE DATA						
PIPE #	LENGTH	SIZE	UP INV.	DWN INV.	TYPE	FROM TO
P-25	42	14x23	7.60	7.50	12'x18' RCP	CI#25 SWALE#6
P-26	79	12x18	7.80	7.65	12'x18' RCP	CI#26 CI#25
P-27	54	14x23	7.55	7.45	12'x18' RCP	CI#27 POND#3
P-28	79	12x18	7.75	7.60	12'x18' RCP	CI#28 CI#27
P-36	20	30"	7.45	7.35	PVC	SWALE#6 POND#2

STORM STRUCTURE DATA					
ITEM #	RIM ELEV.	N. INV.	S. INV.	E. INV.	W. INV.
CI-25	11.18	-	7.65	7.60	-
CI-26	11.18	-	7.80	-	-
CI-27	11.18	7.60	7.55	-	-
CI-28	11.18	-	7.75	-	-

LEGEND	
	EXISTING ROADWAY CENTERLINE
	EXISTING RIGHT OF WAY
	SPOT GRADE
	PROPOSED SPOT PAVEMENT GRADE
	PROPOSED FLOW ARROW
	PROPOSED SPOT GROUND GRADE
	PROPOSED ASPHALT PAVEMENT
	PROPOSED SIDEWALK
	PROPOSED CURB INLET
	PROPOSED MITERED END SECTION AND STORM LINE
	PROPOSED SWALE AND FLOWLINE

PROFILE SCALE
HORZ; 1"=20'
VERT; 1"=2'



STORM PIPE DATA									
PIPE #	LENGTH	SIZE	UP INV.	DWN INV.	TYPE	FROM	TO		
P-29	40	14x23	7.75	7.65	RCP	CI#29	SWALE#5		
P-30	79	12x18	7.95	7.80	RCP	CI#30	CI#29		
P-37	35	24"	7.50	7.40	PVC	SWALE#5	POND#3		

STORM STRUCTURE DATA				
ITEM #	RIM ELEV	N. INV.	S. INV.	E. INV.
CI-29	11.08	7.80	7.75	-
CI-30	11.08	-	7.95	-

LEGEND	
	EXISTING ROADWAY CENTERLINE
	EXISTING RIGHT OF WAY
	SPOT GRADE
	PROPOSED SPOT PAVEMENT GRADE
	PROPOSED FLOW ARROW
	PROPOSED SPOT GROUND GRADE
	PROPOSED AGRICULTURE CONTROL STRUCTURE
	PROPOSED ASPHALT PAVEMENT
	PROPOSED SIDEWALK
	PROPOSED CURB INLET
	PROPOSED MITERED END SECTION AND STORM LINE
	PROPOSED SWALE AND FLOWLINE

MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208

PROJECT NO. 03M110 DRAWN BY JAW
CHECKED BY C.M.P. / L.L. DATE 23 FEB 2007

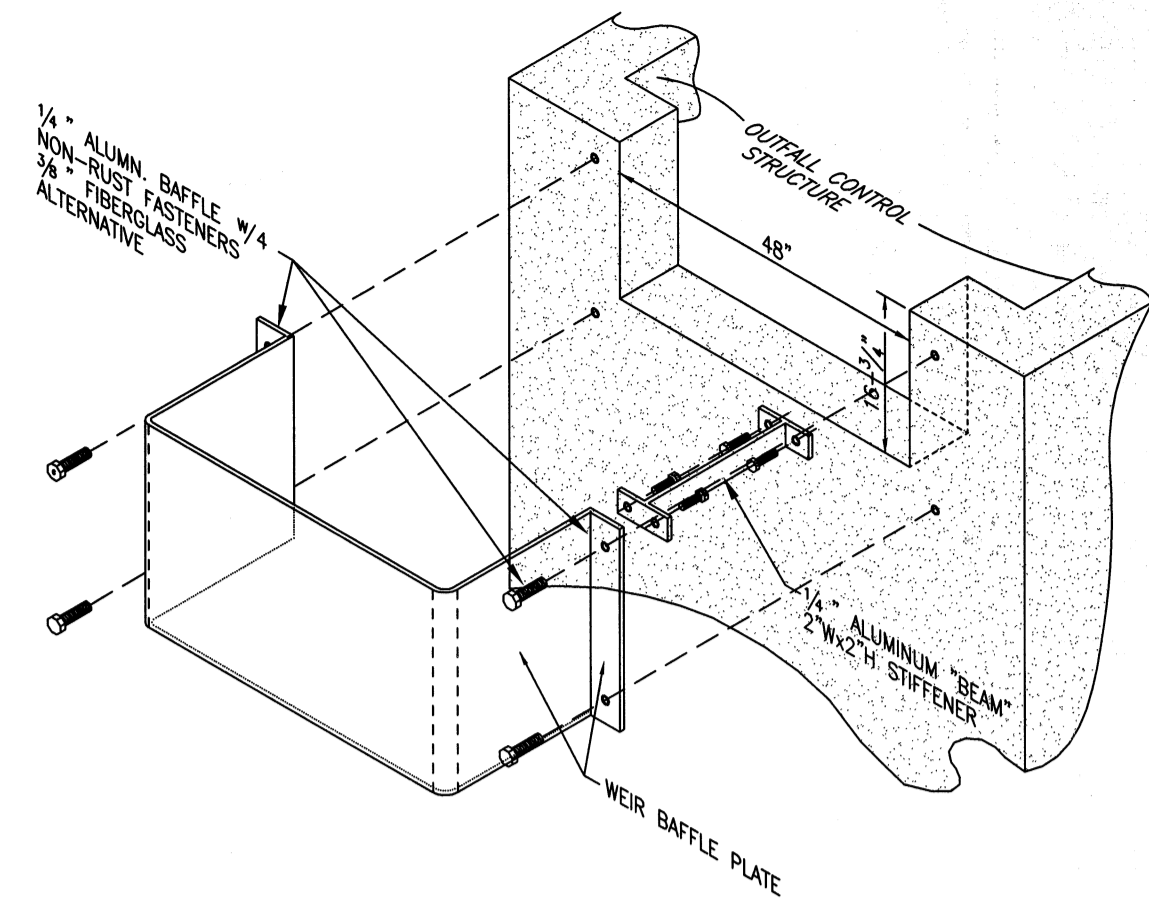
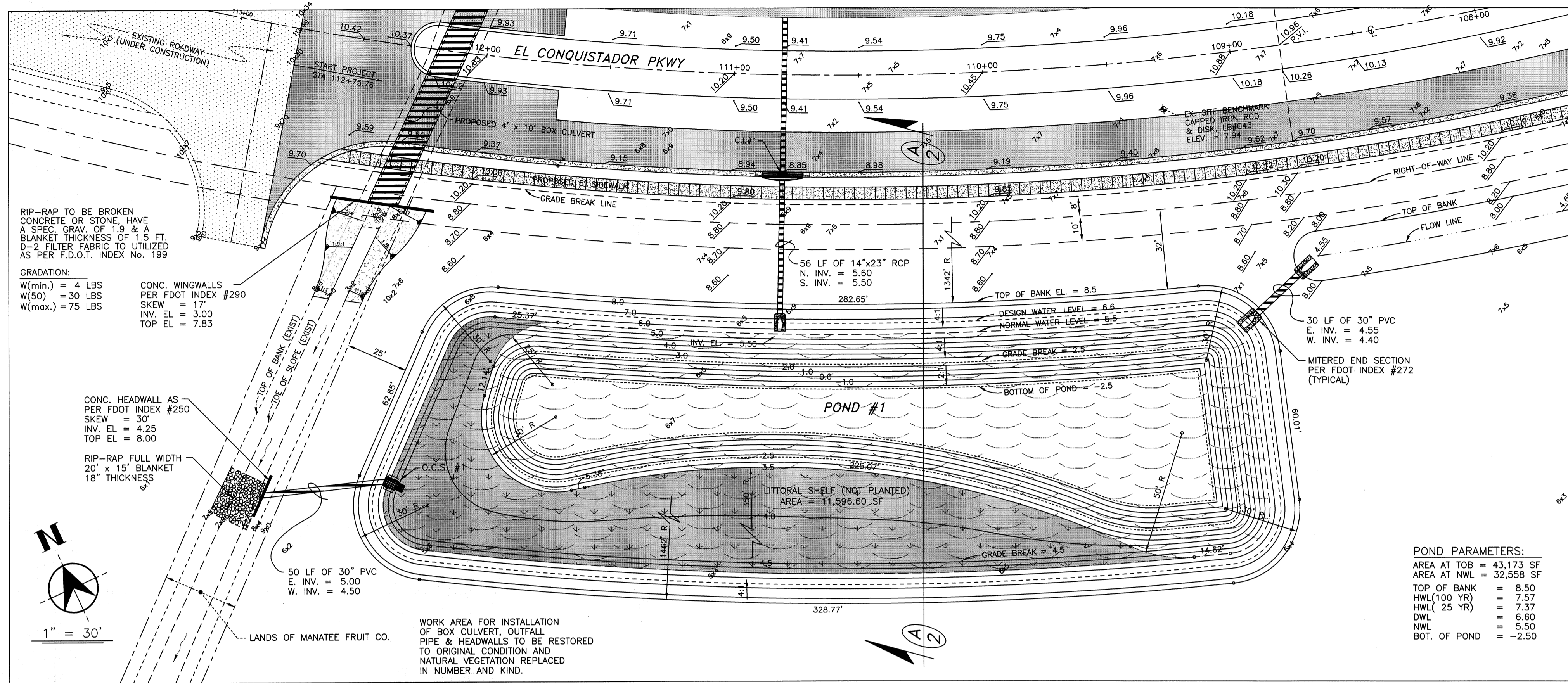
REVISIONS
REVISED PER SWAMP COMMENTS 24 AUG 2007 LJM
ADDED DATA FOR AG STRUCT @ STA 59.58 19 JAN 2008 LJM

SEAL
FOR P.E. JAMES P. ...
MANATEE COUNTY GOVERNMENT
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. EAST
BRADENTON, FL 34208
DATE 02/23/07

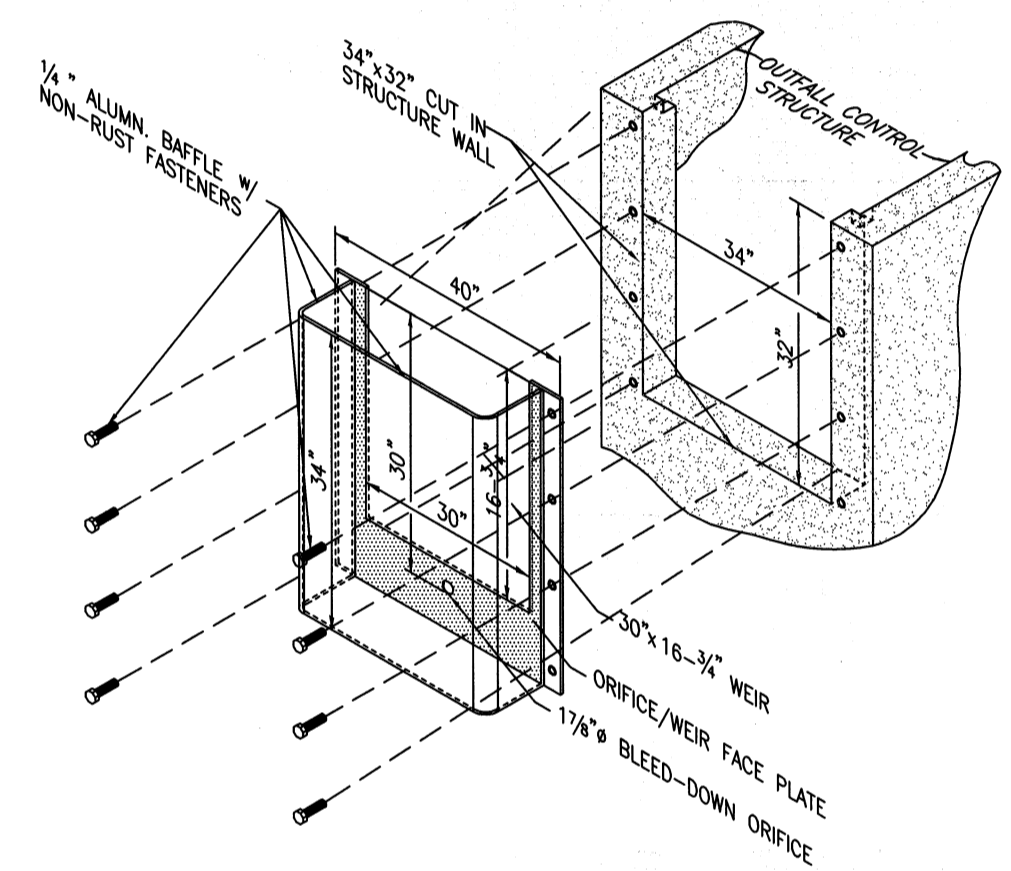
EL CONQUISTADOR PARKWAY EXTENSION PHASE II

ROADWAY PLAN & PROFILE
STA 56+28 - STA 61+50

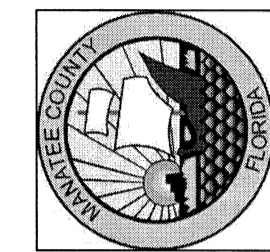
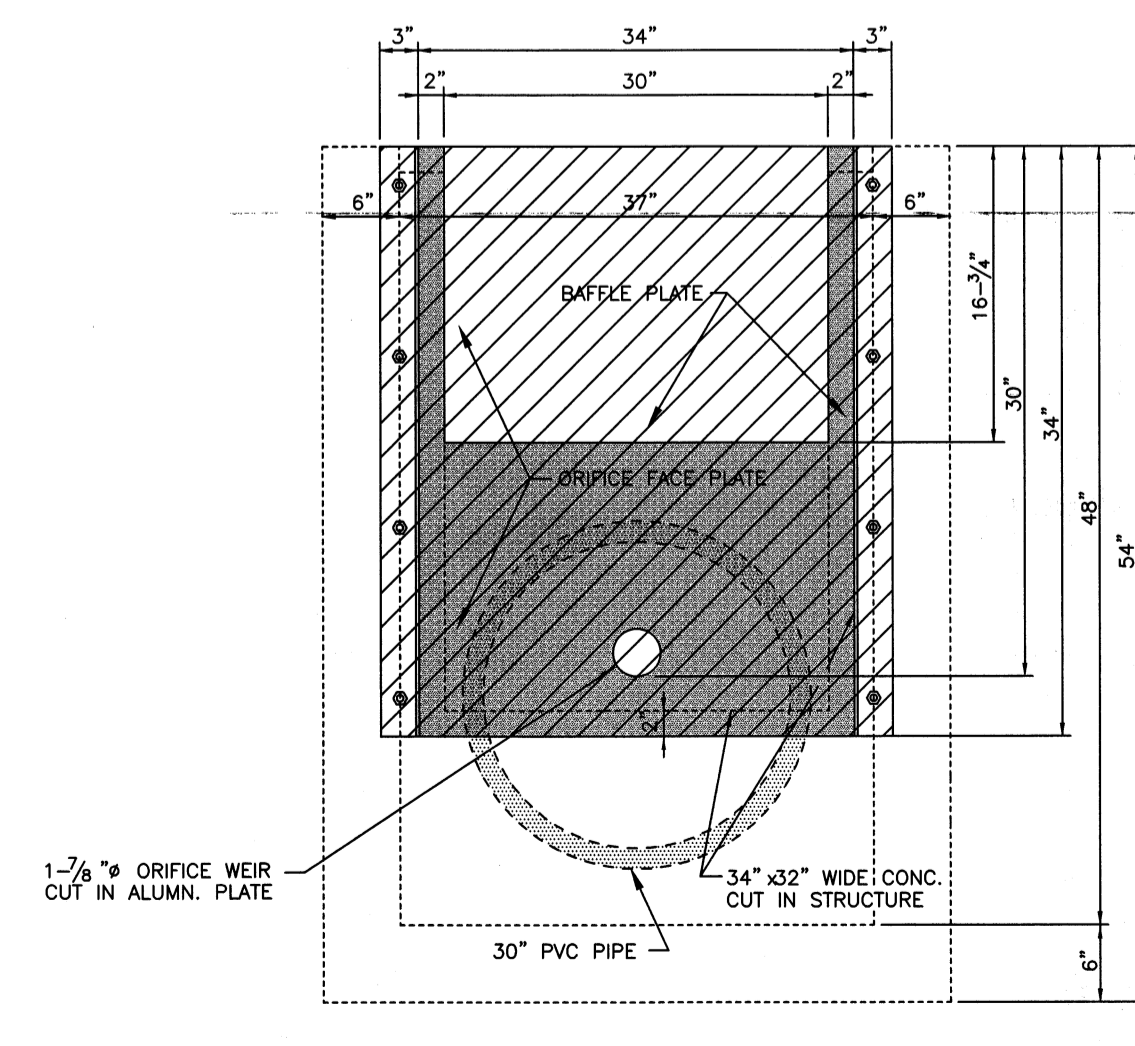
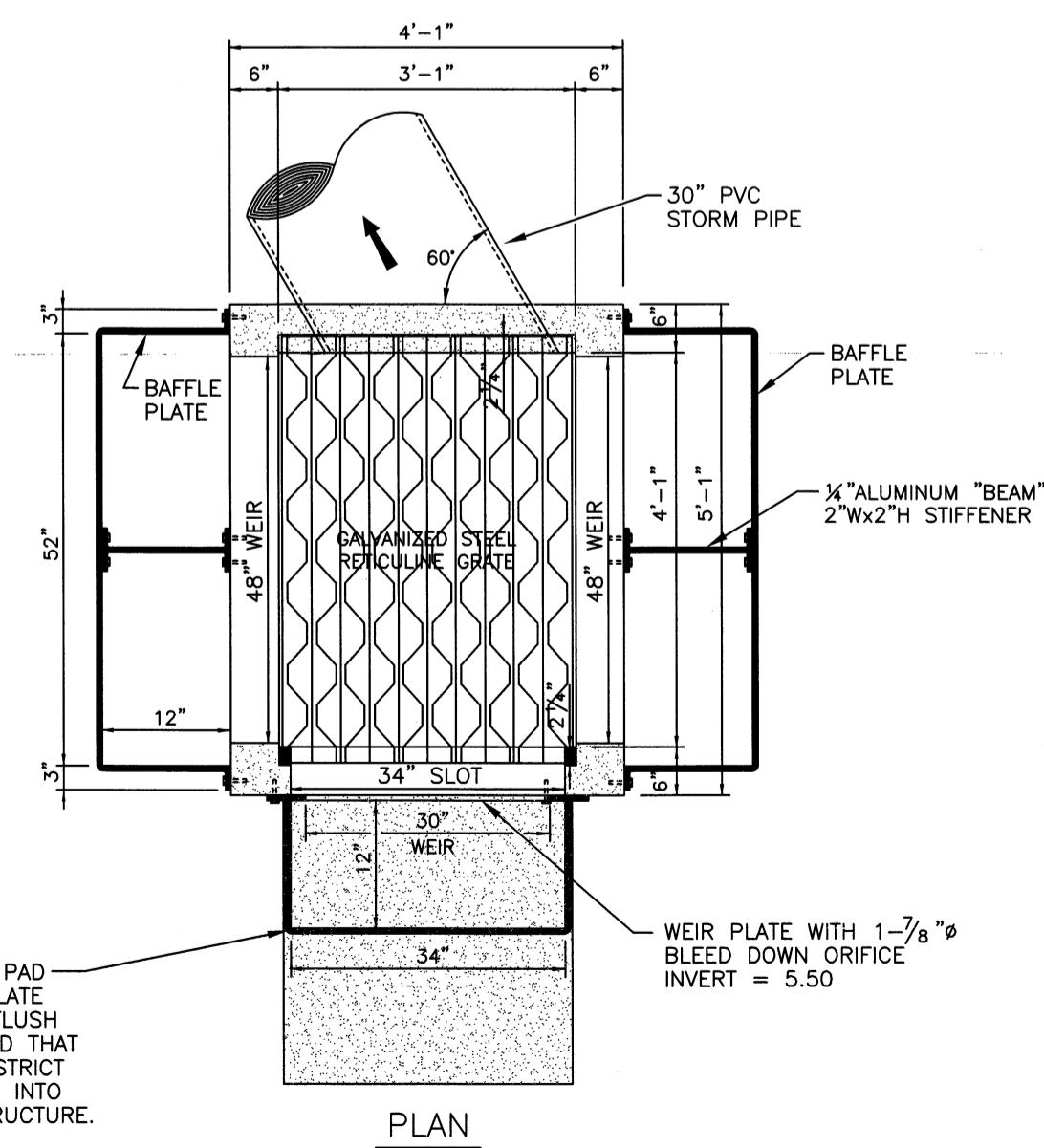
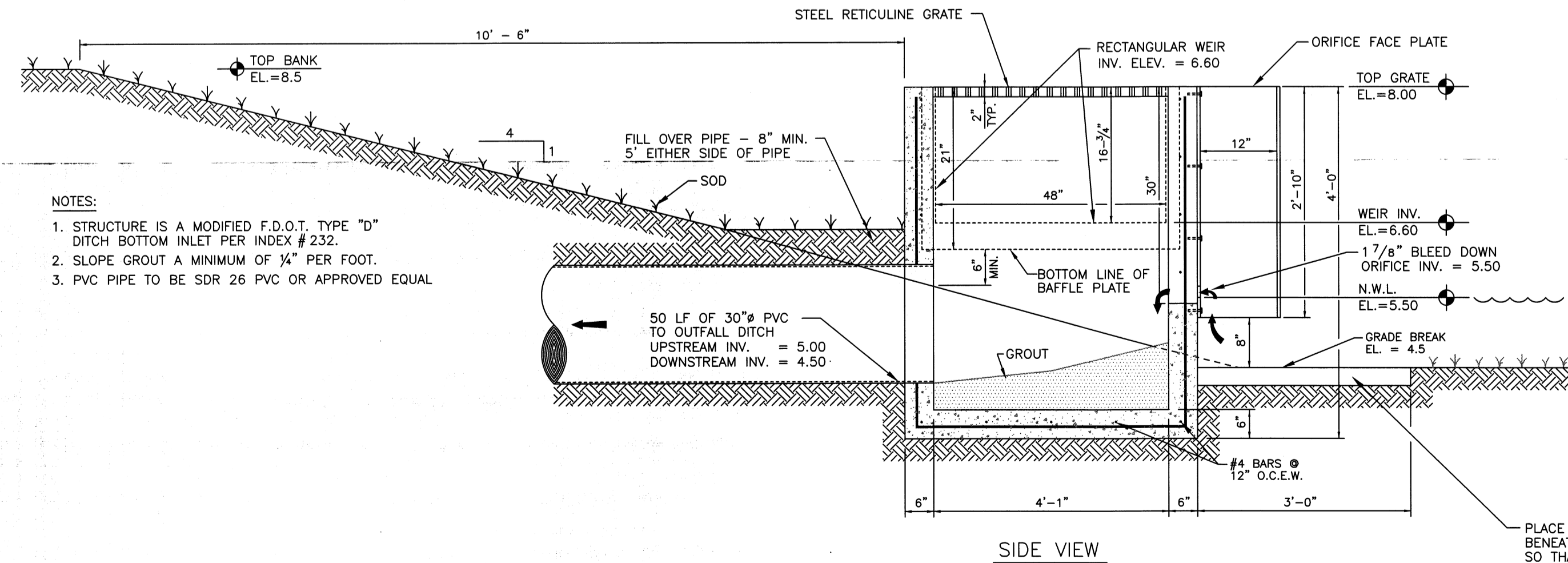
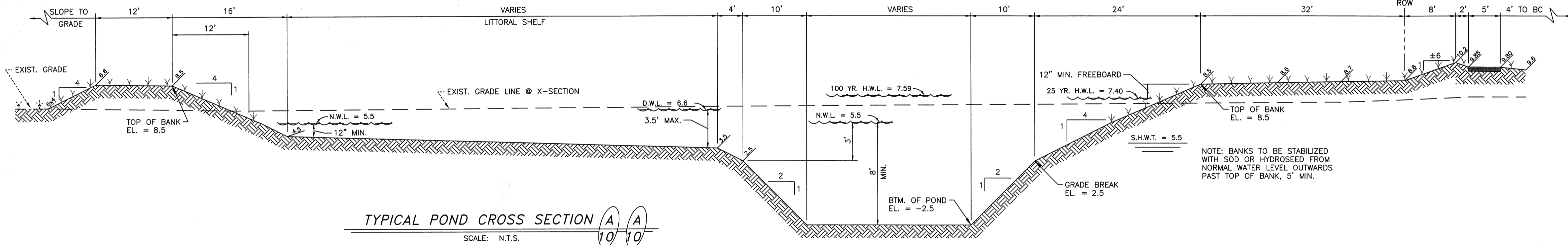
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OF



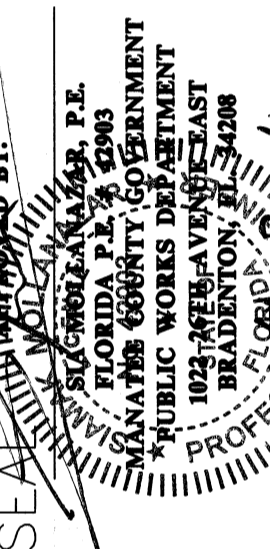
NOTE:
3/4" FIBERGLASS BAFFLE CAN BE USED AS AN ALTERNATIVE TO 1/4" ALUMINUM BAFFLE.

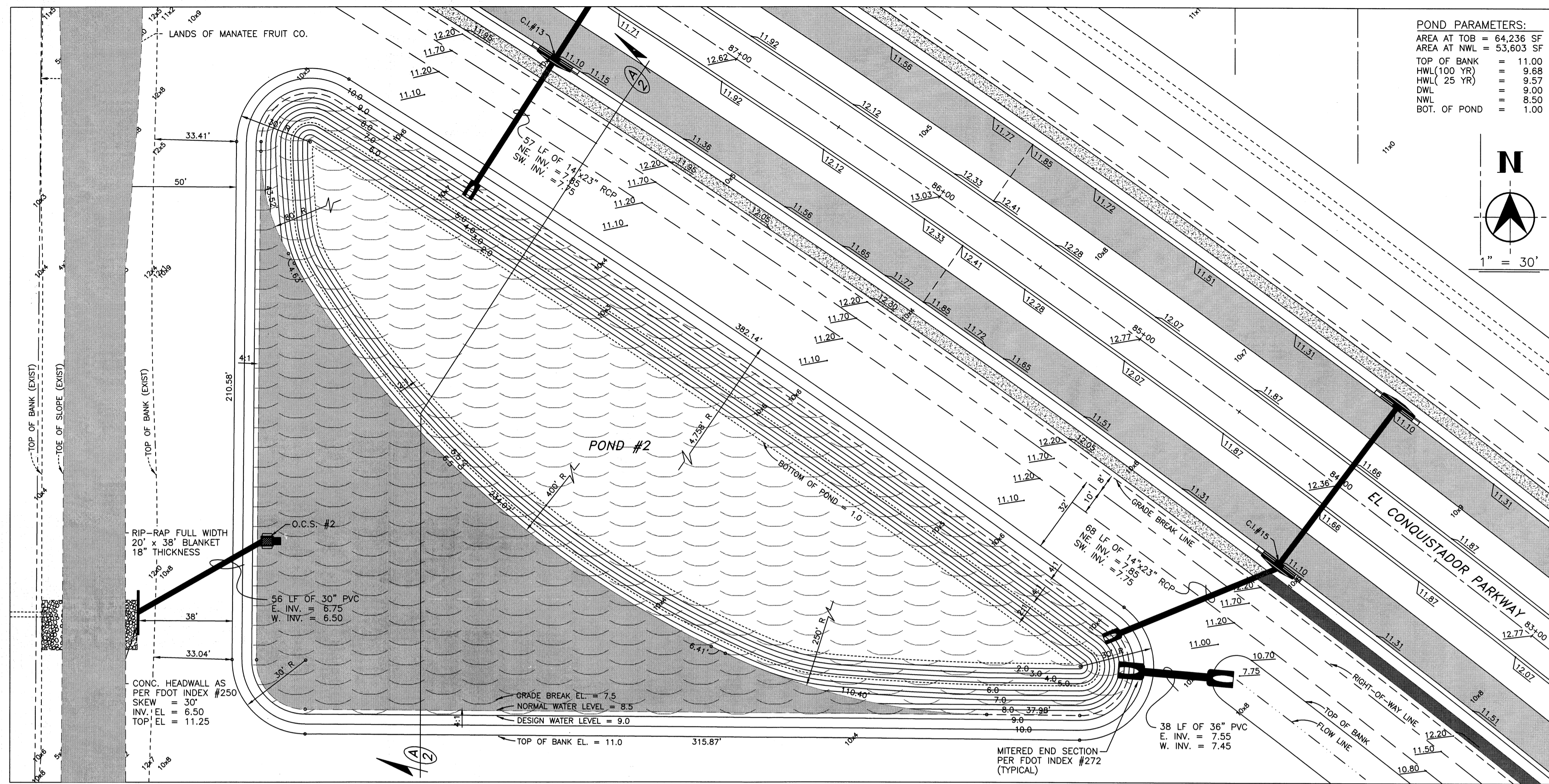


NOTE:
3/4" FIBERGLASS BAFFLE CAN BE USED AS AN ALTERNATIVE TO 1/4" ALUMINUM BAFFLE.



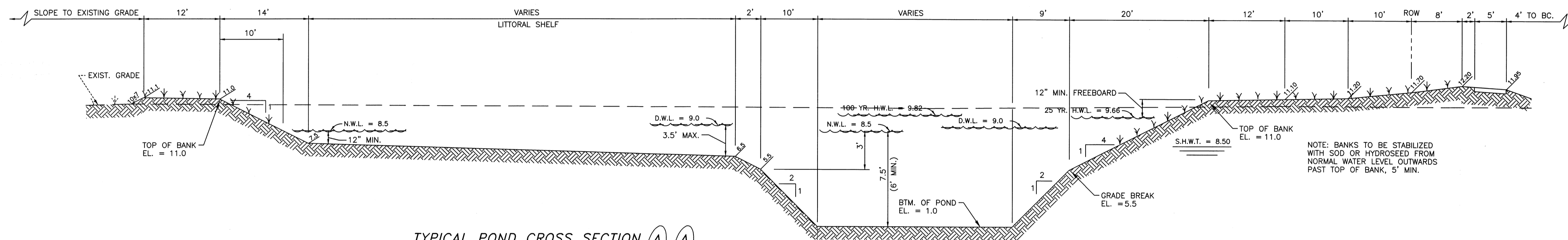
PROJECT NO. 031110	DRAWN BY: [Signature]	DATE: 10 FEB 2007	BY:
CHECKED BY: [Signature]	DATE: 31	DATE:	DATE:
REVISIONS			





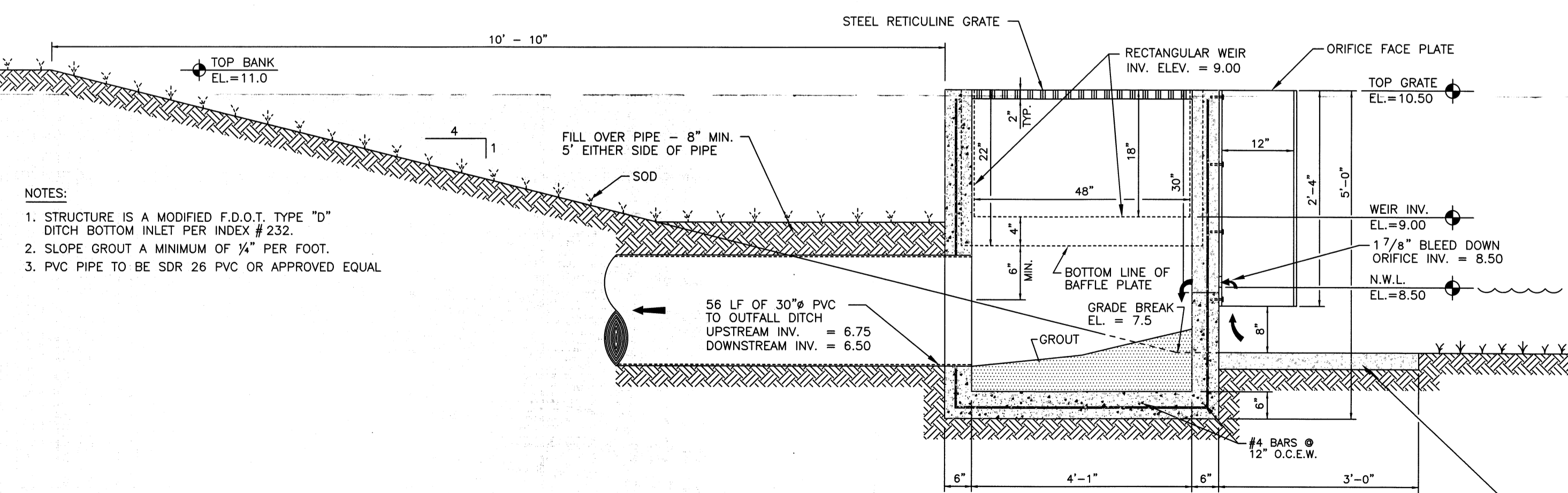
POND BLOW-UP DETAIL

SCALE: 1" = 30'



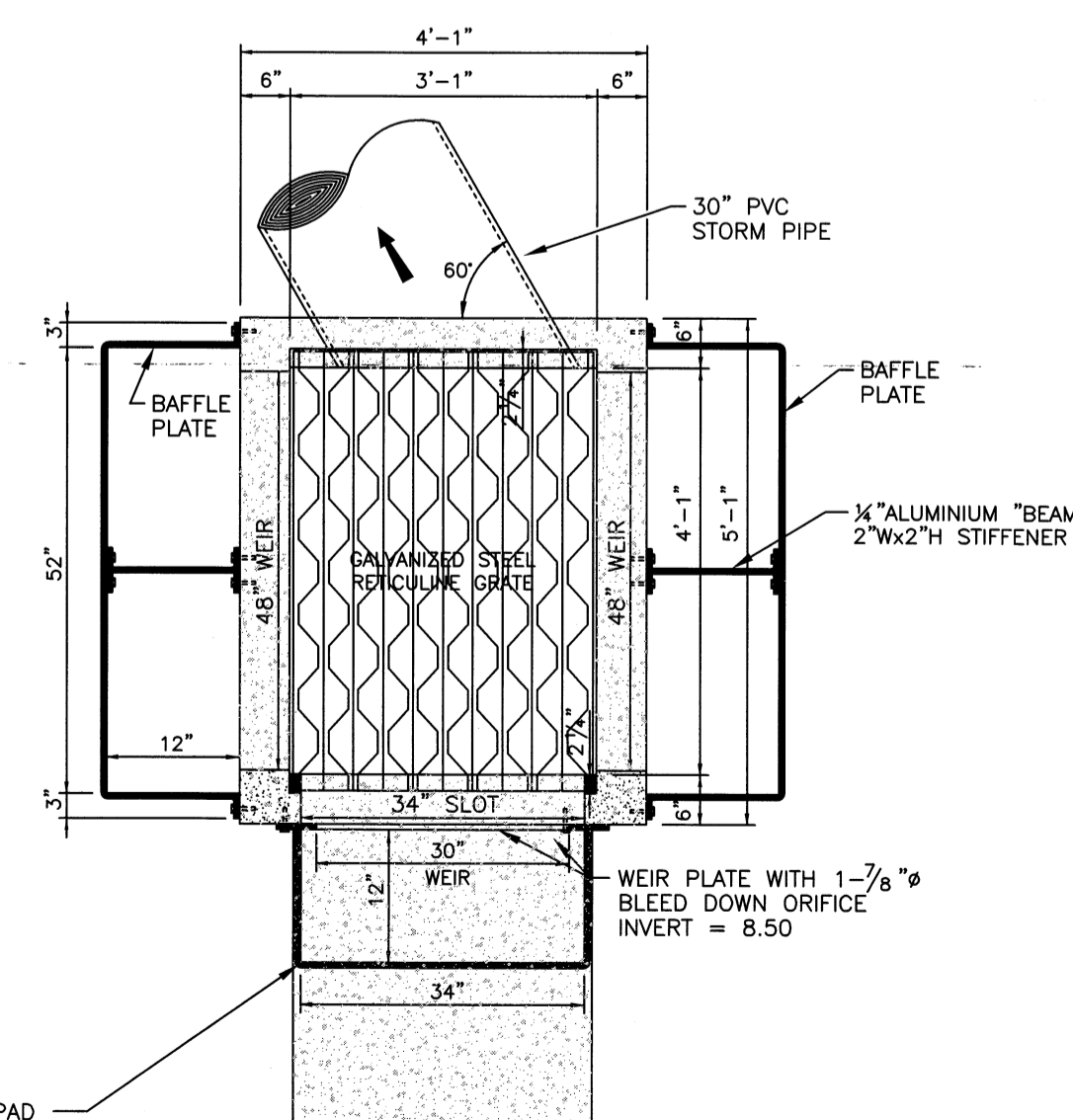
TYPICAL POND CROSS SECTION

SCALE: N.T.S.



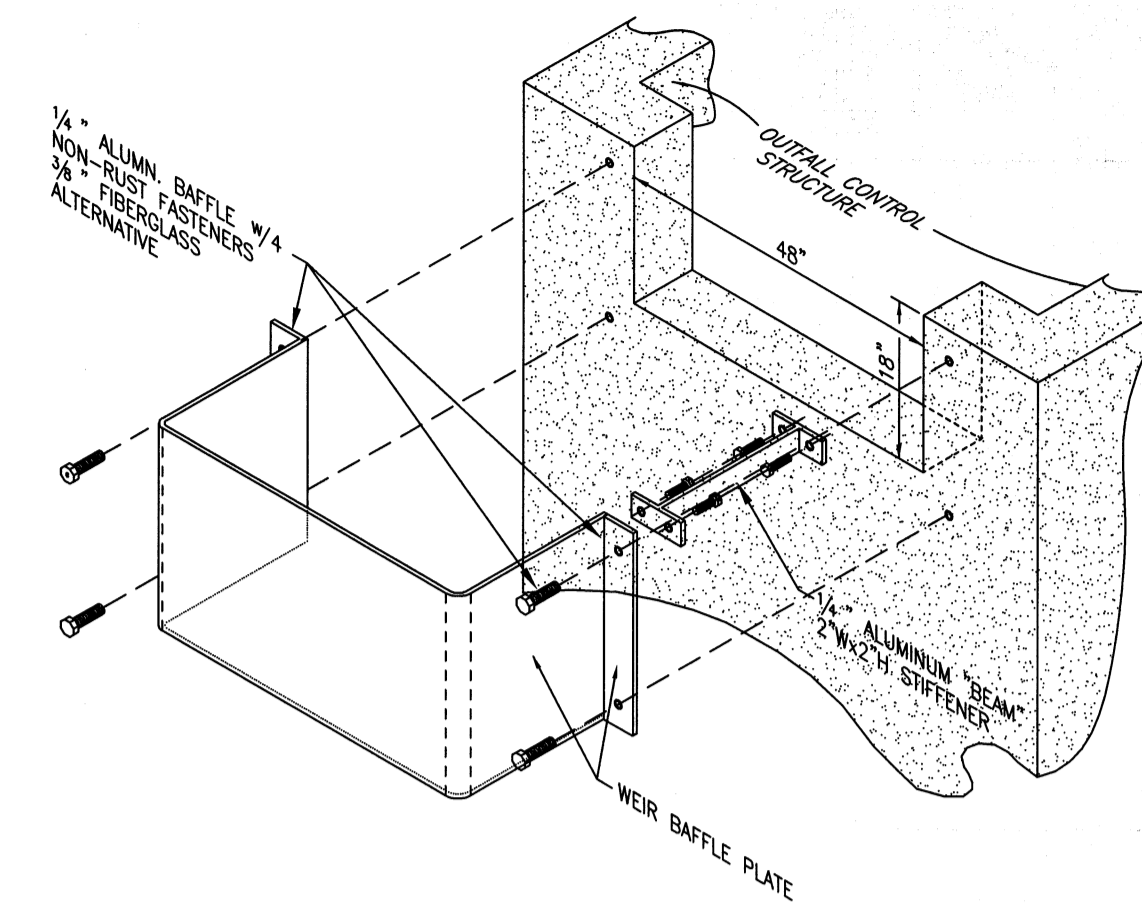
OUTFALL CONTROL STRUCTURE

SCALE: N.T.S.

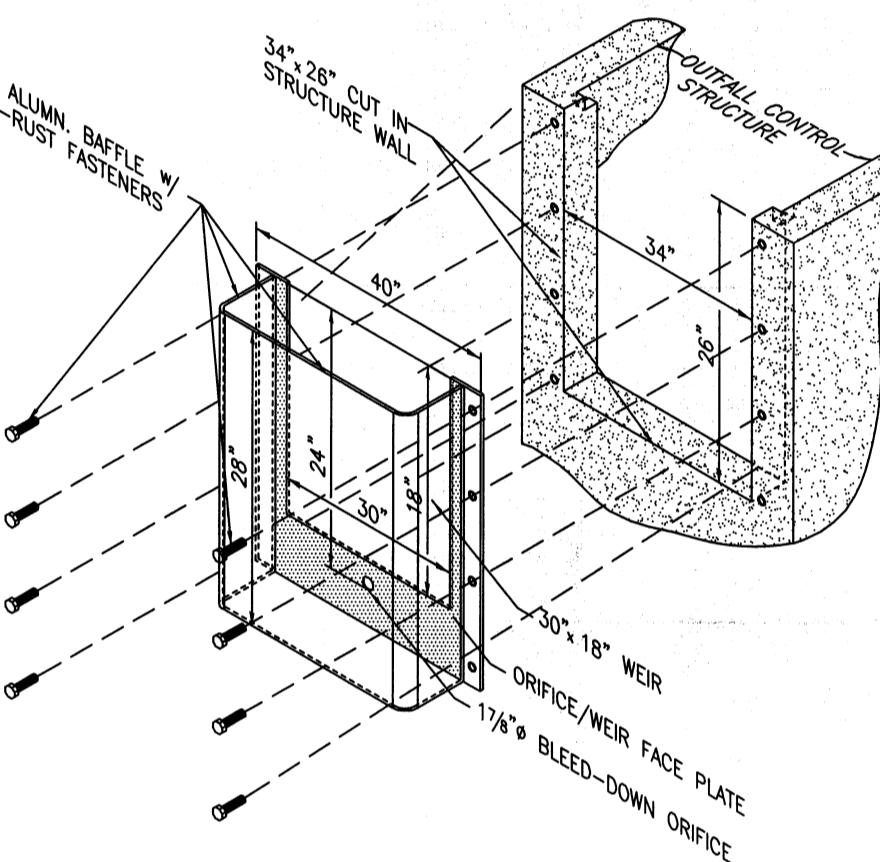


PLAN

PLACE 3'x3'x2" CONCRETE PAD BENEATH SKIMMER/FACE PLATE SO THAT TOP OF PAD IS FLUSH WITH BOTTOM OF POND AND THAT VEGETATION WILL NOT CONSTRICT THE FLOW OF STORMWATER INTO THE OUTFALL CONTROL STRUCTURE.

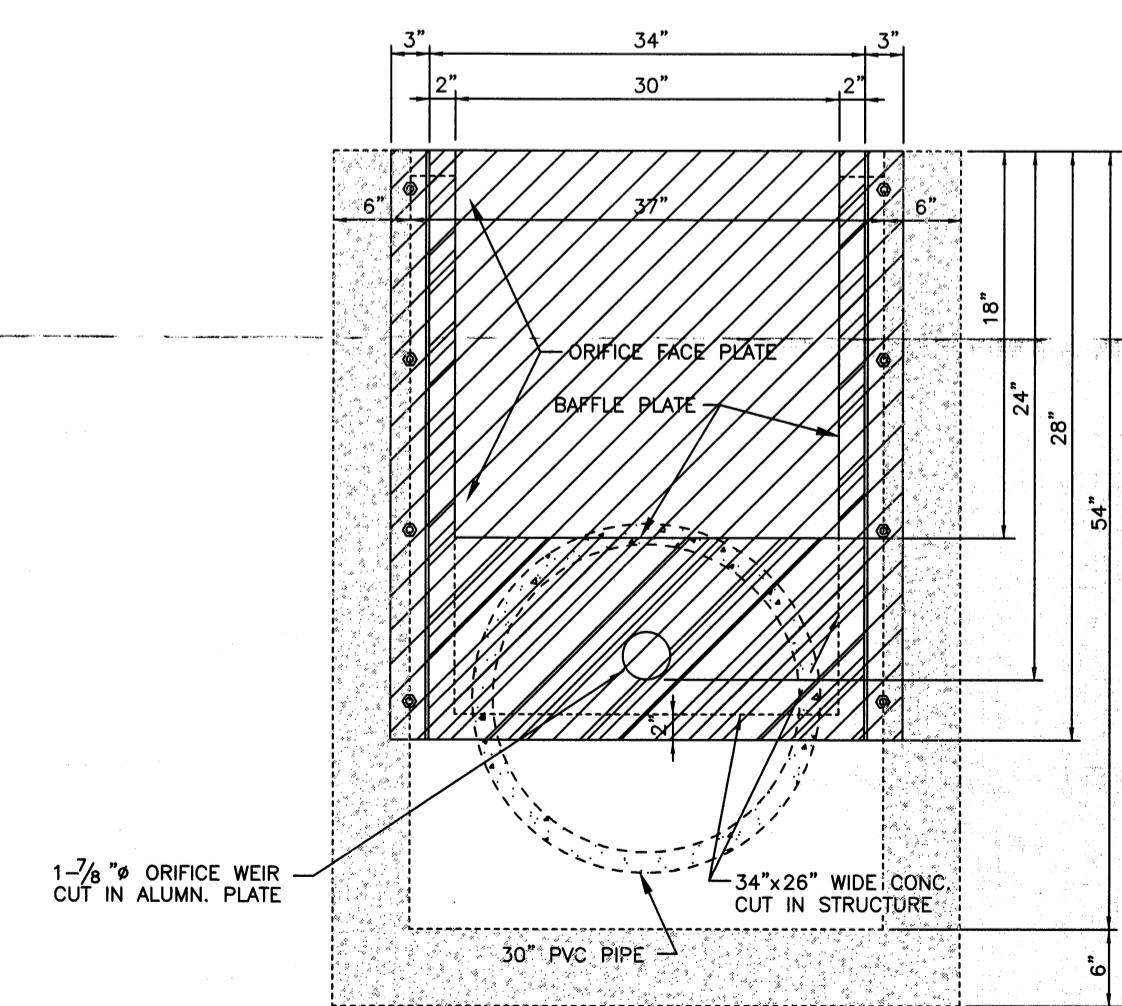


WEIR BAFFLE PLATE ISOMETRIC



BLEEDDOWN ORIFICE PLATE ISOMETRIC

SCALE: N.T.S.



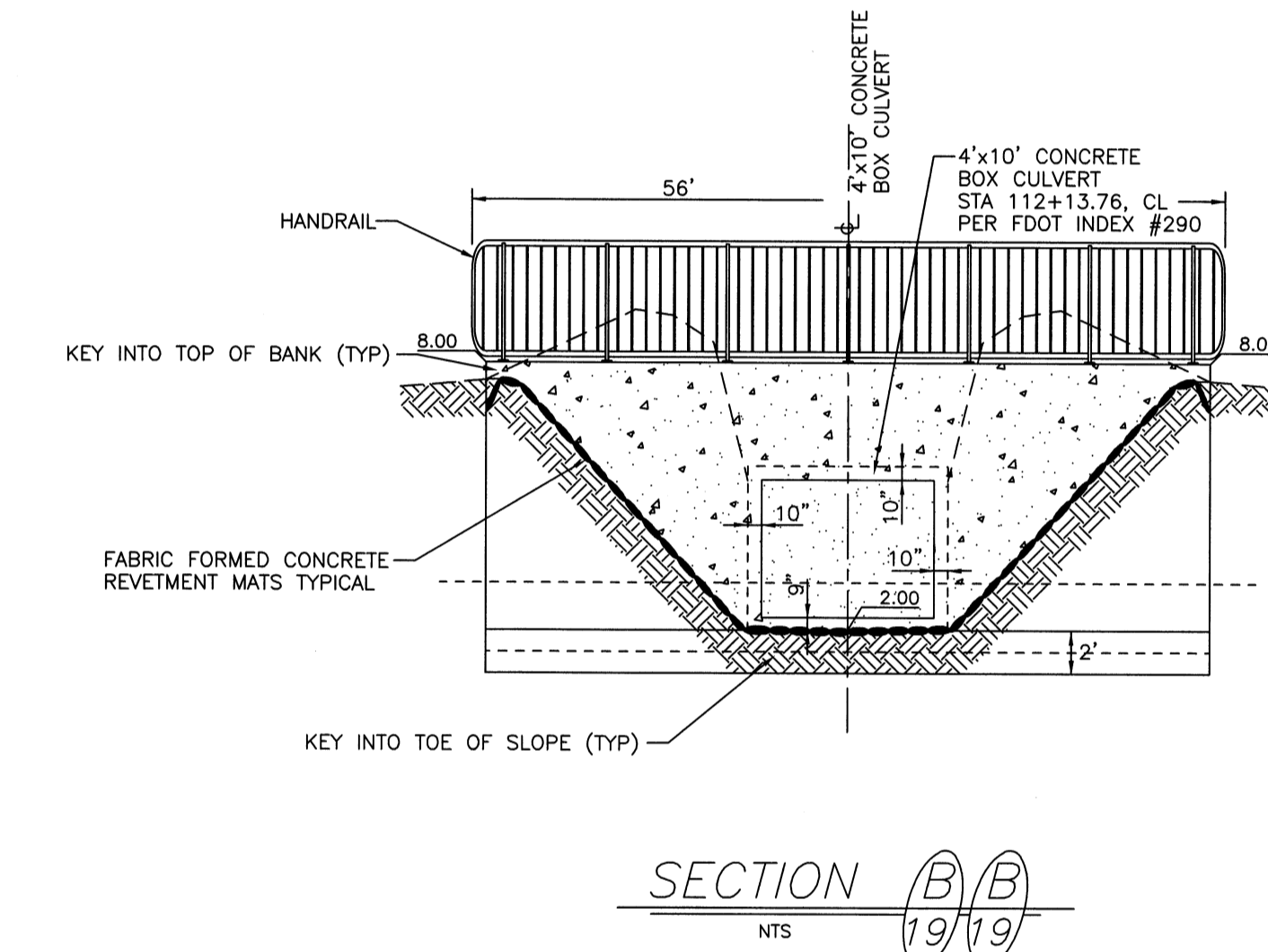
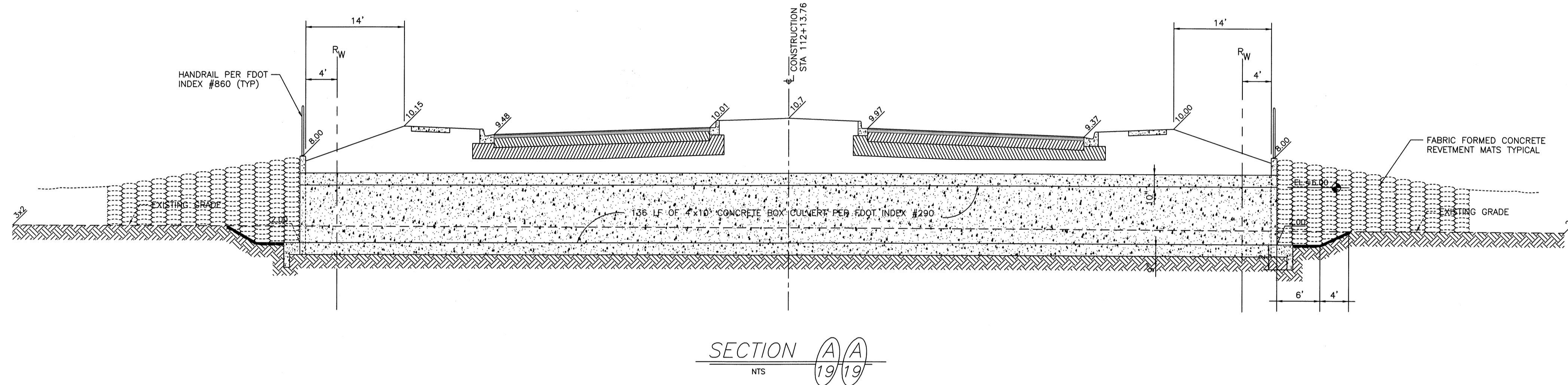
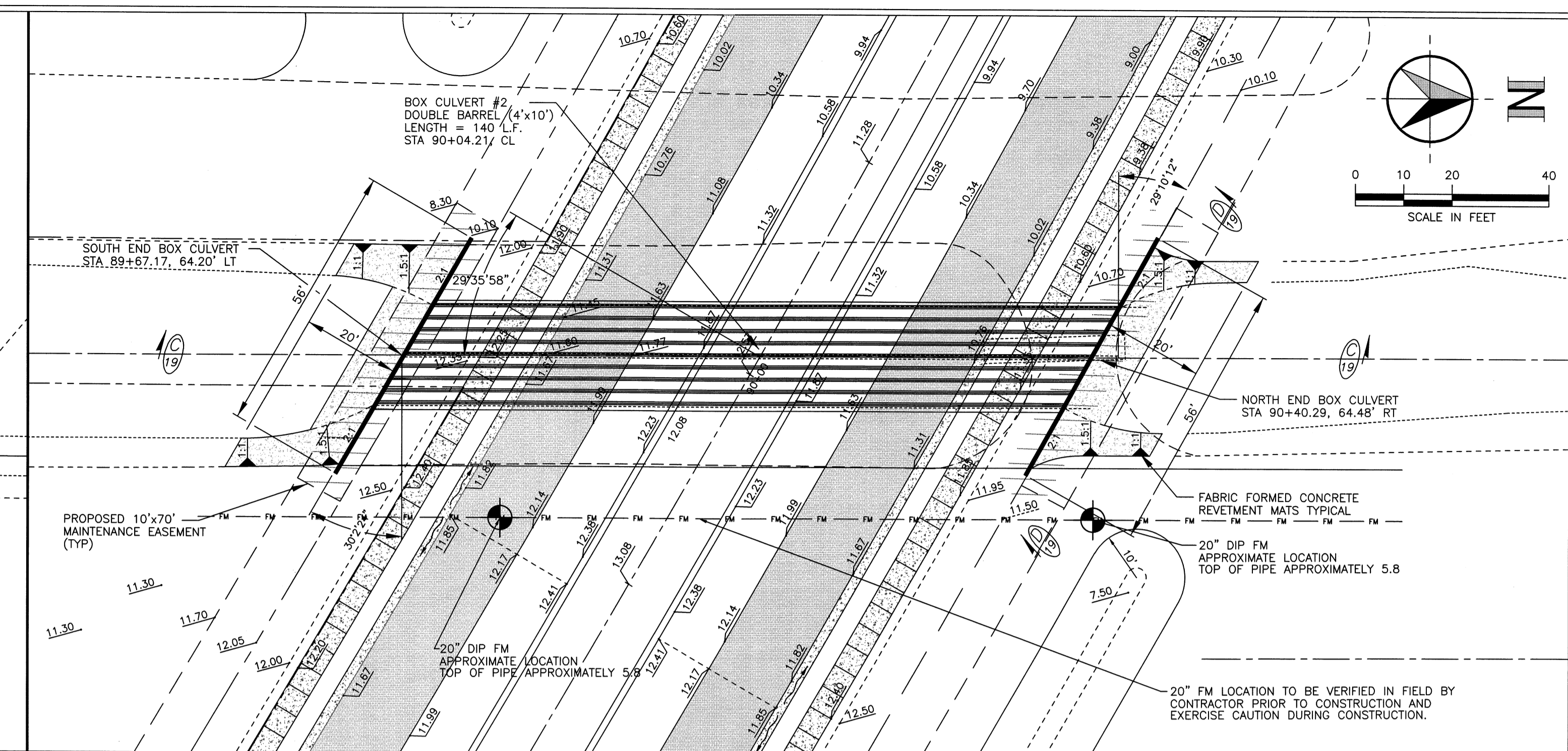
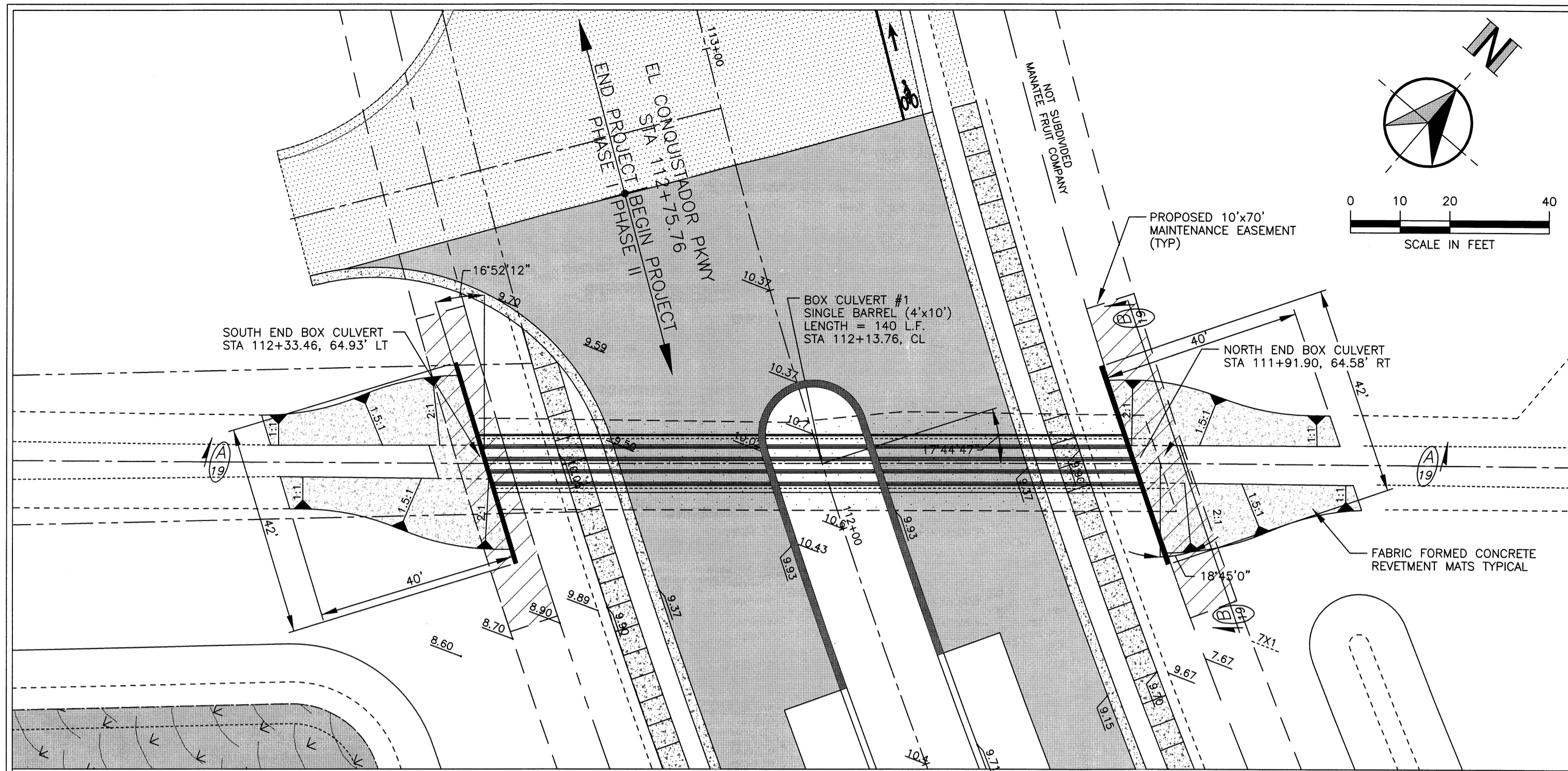
SKIMMER/FACE PLATE BLOW-UP

SCALE: N.T.S.

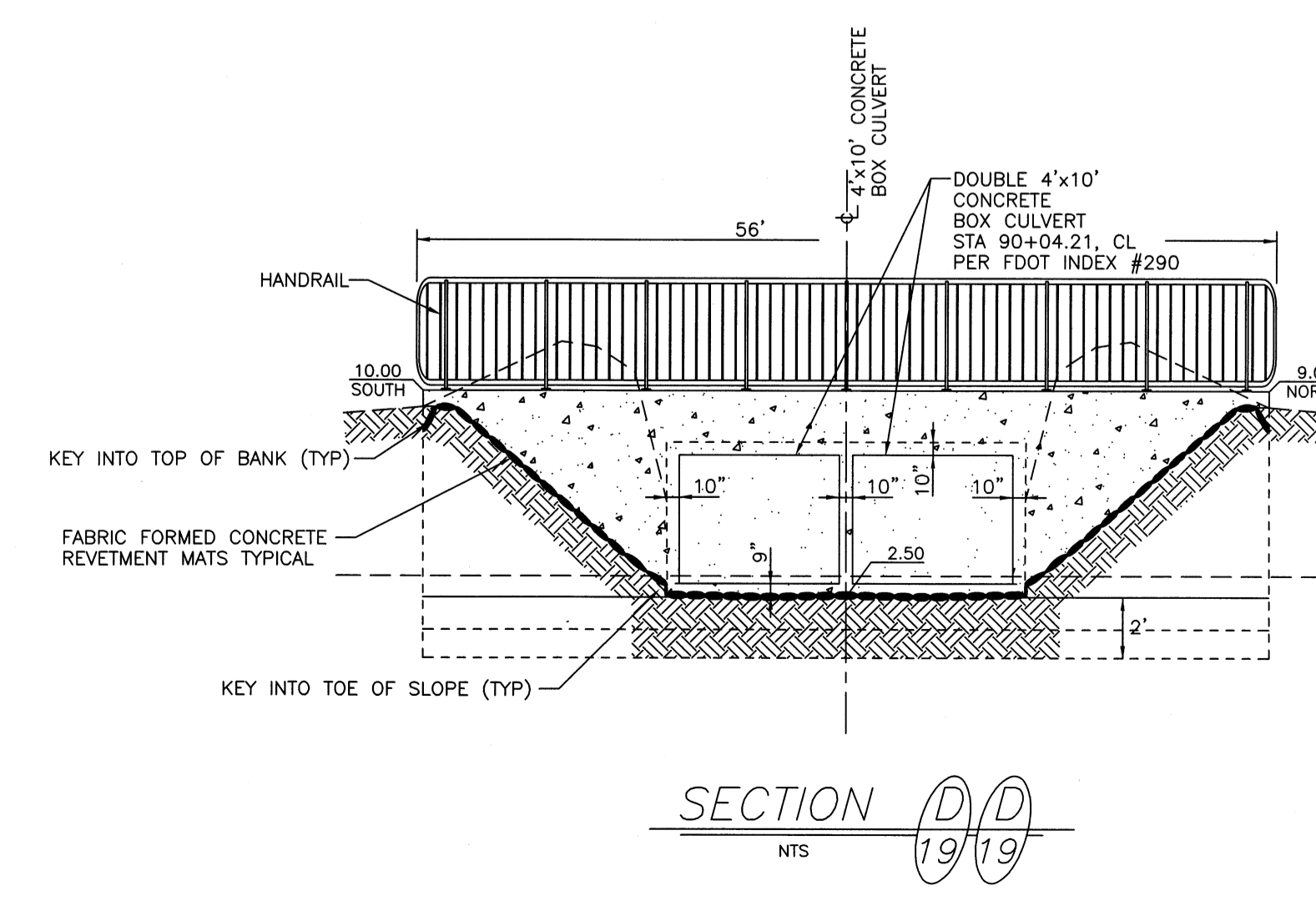
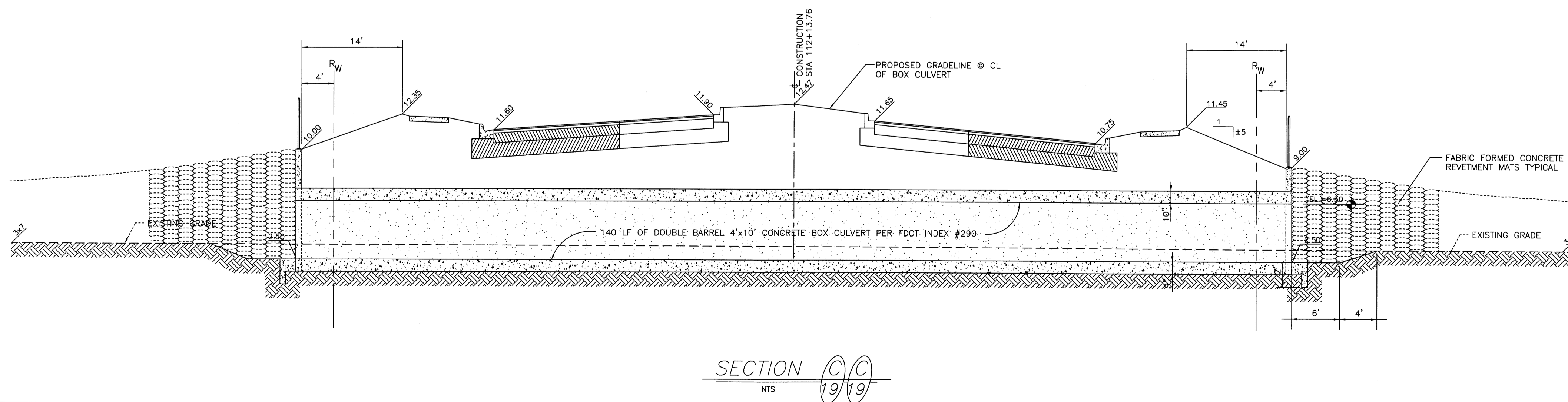
(FRONT VIEW)

PROJECT NO. 07110	DRAWN BY: [Signature]	DATE: 26 FEB 2007
CHECKED BY: [Signature]	DATE: 26 FEB 2007	
REVISIONS	DATE	BY

APPROVED BY: [Signature]
 PROJECT ENGINEER
 MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E.
 BRADENTON, FL 34208



CONTRACTOR SHALL SUBMIT SHOP DRAWING DETAILS OF BOX CULVERTS TO ENGINEER OF RECORD FOR APPROVAL



MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E
BRADENTON, FL 34208

PROJECT NO. 070010
DRAWN BY: [Signature]
CHECKED BY: [Signature]
DATE: 26 FEB 2007

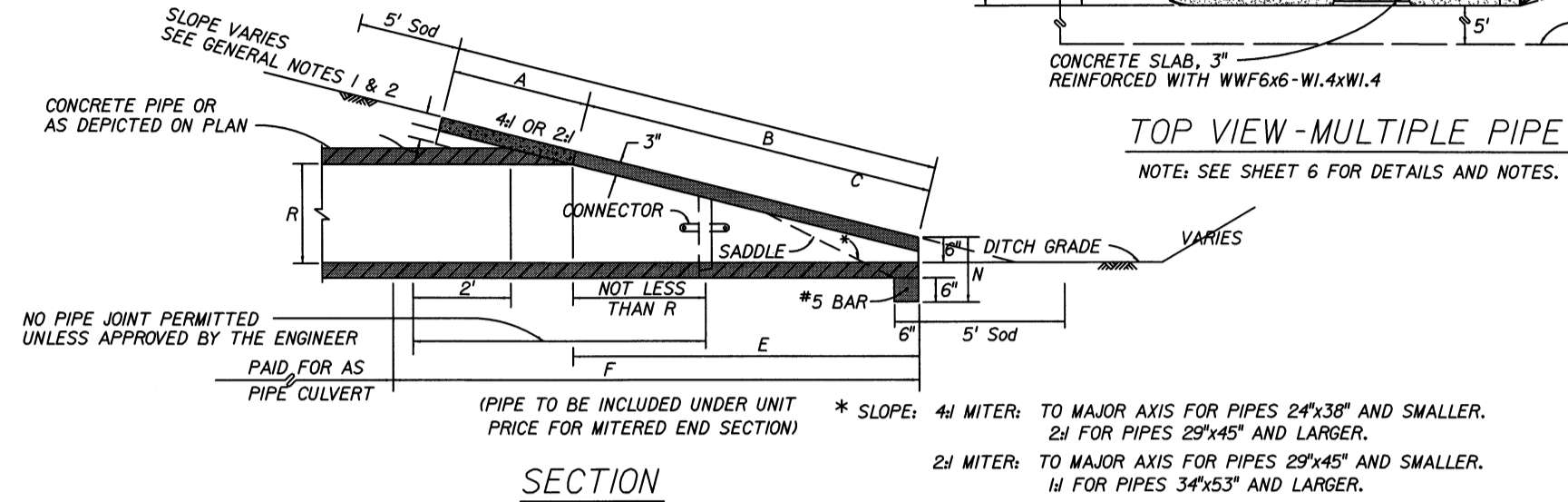
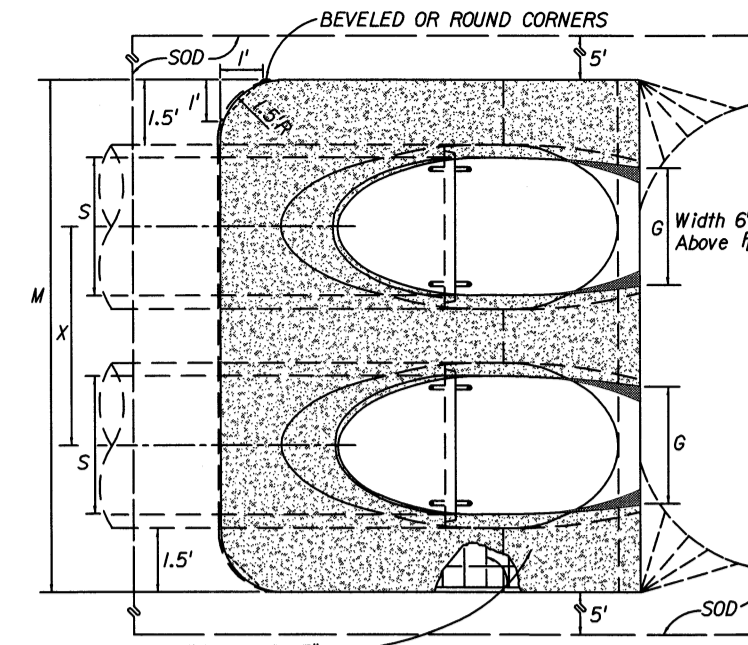
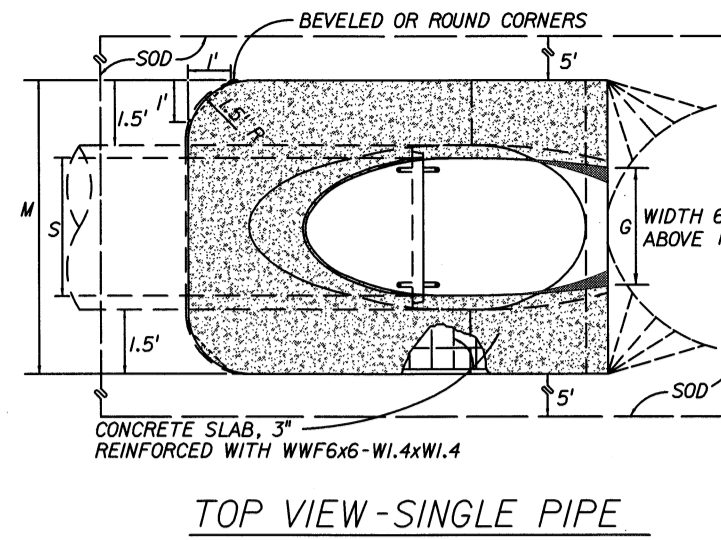
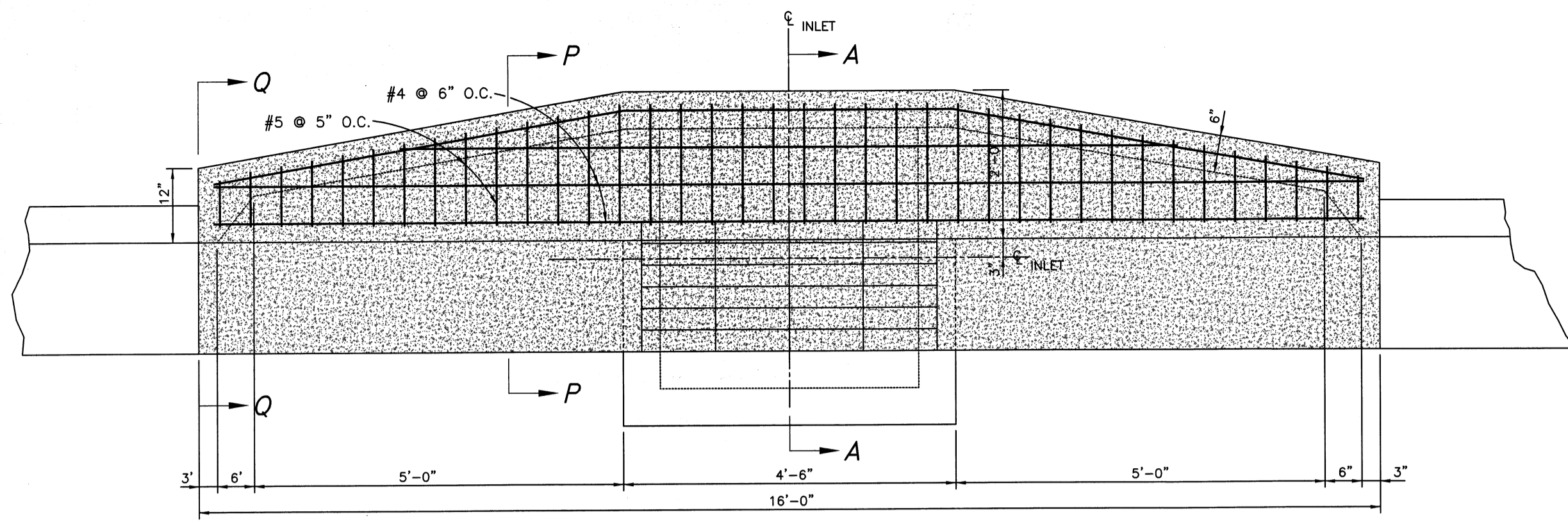
SEAL: [Professional Engineer Seal]

EL CONQUISTADOR PARKWAY EXTENSION PHASE II

BOX CULVERT CONSTRUCTION DETAILS

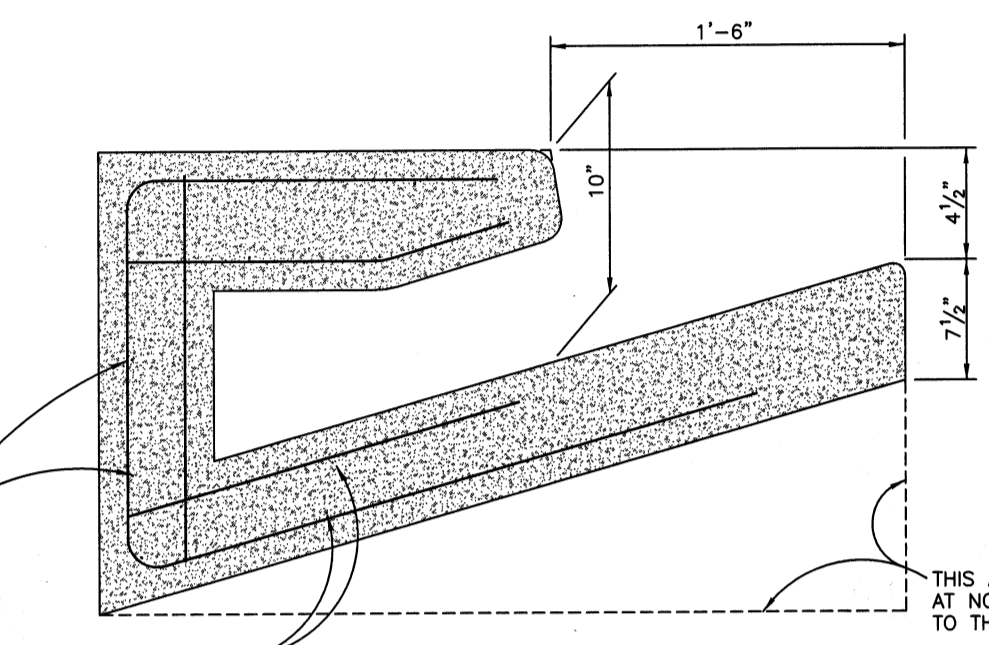
SHEET 19 OF

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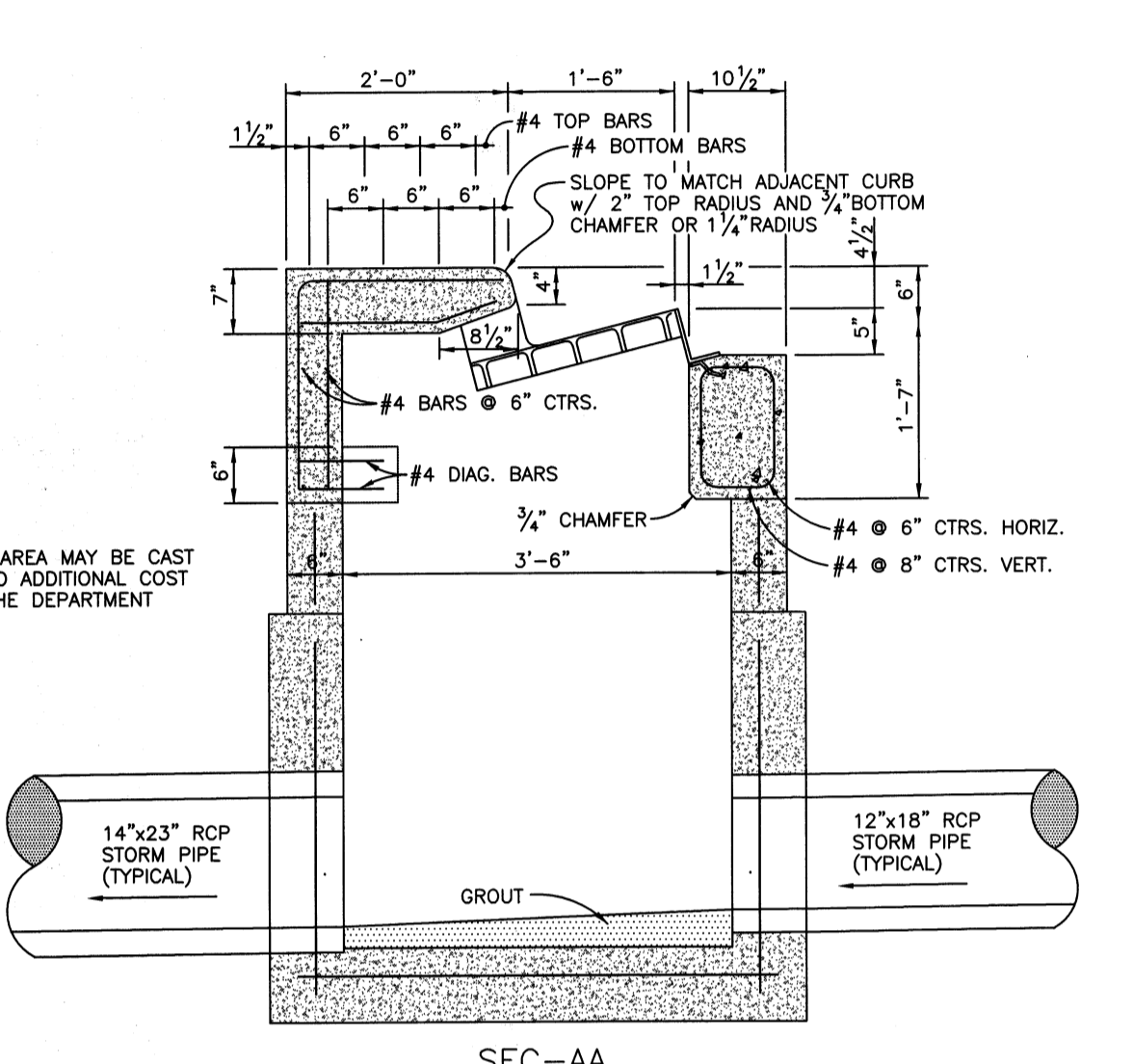


SECTION
MITERED END SECTION DETAIL
SCALE: N.T.S.

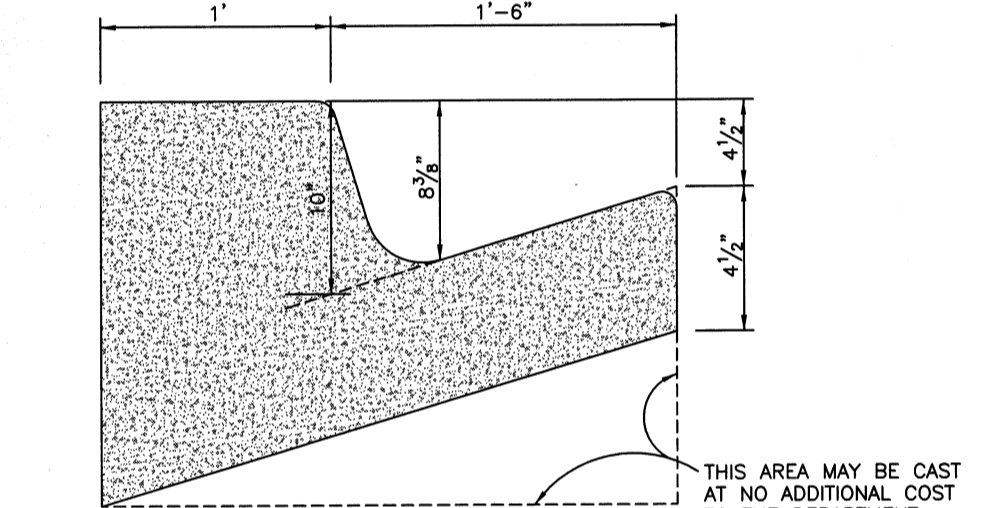
ELLIPTICAL PIPE												
DIMENSIONS & QUANTITIES												
Rise R	Span S	X	A	B	C	E	F	G	M			
									Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe
12"	18"	2'-10"	1.91'	1.62'	3.59'	1.56'	4'	1.50'	4.96'	7.75'	10.58'	13.42'
14"	23"	3'-4"	2.07'	1.99'	4.00'	1.89'	5'	1.90'	5.38'	8.71'	12.04'	15.38'
18"	30"	4'-0"	2.3'	2.32'	5.03'	2.73'	6'	2.77'	6.04'	10.04'	14.04'	18.04'
24"	38"	5'-0"	2.50'	3.05'	6.05'	3.56'	7'	2.85'	6.79'	11.79'	16.79'	21.79'
29"	45"	5'-11"	2.54'	4.79'	7.13'	4.39'	8'	3.19'	7.50'	13.42'	19.33'	25.25'
34"	53"	7'-0"	2.43'	5.72'	8.15'	5.23'	9'	3.57'	8.25'	15.25'	22.25'	29.25'
38"	60"	7'-10"	2.52'	6.40'	8.98'	5.89'	9'	3.95'	8.99'	16.75'	24.58'	32.42'
43"	68"	8'-11"	2.62'	7.39'	10.04'	6.73'	10'	4.28'	9.67'	18.58'	27.50'	36.42'
48"	76"	9'-11"	2.71'	8.33'	11.04'	7.56'	11'	4.59'	10.42'	20.33'	30.25'	40.7'
53"	83"	10'-8"	2.80'	9.26'	12.06'	8.39'	12'	4.77'	11.08'	21.75'	32.42'	43.08'
58"	91"	11'-8"	2.90'	10.21'	13.09'	9.23'	13'	5.01'	11.83'	23.50'	35.07'	46.83'



SEC-PP



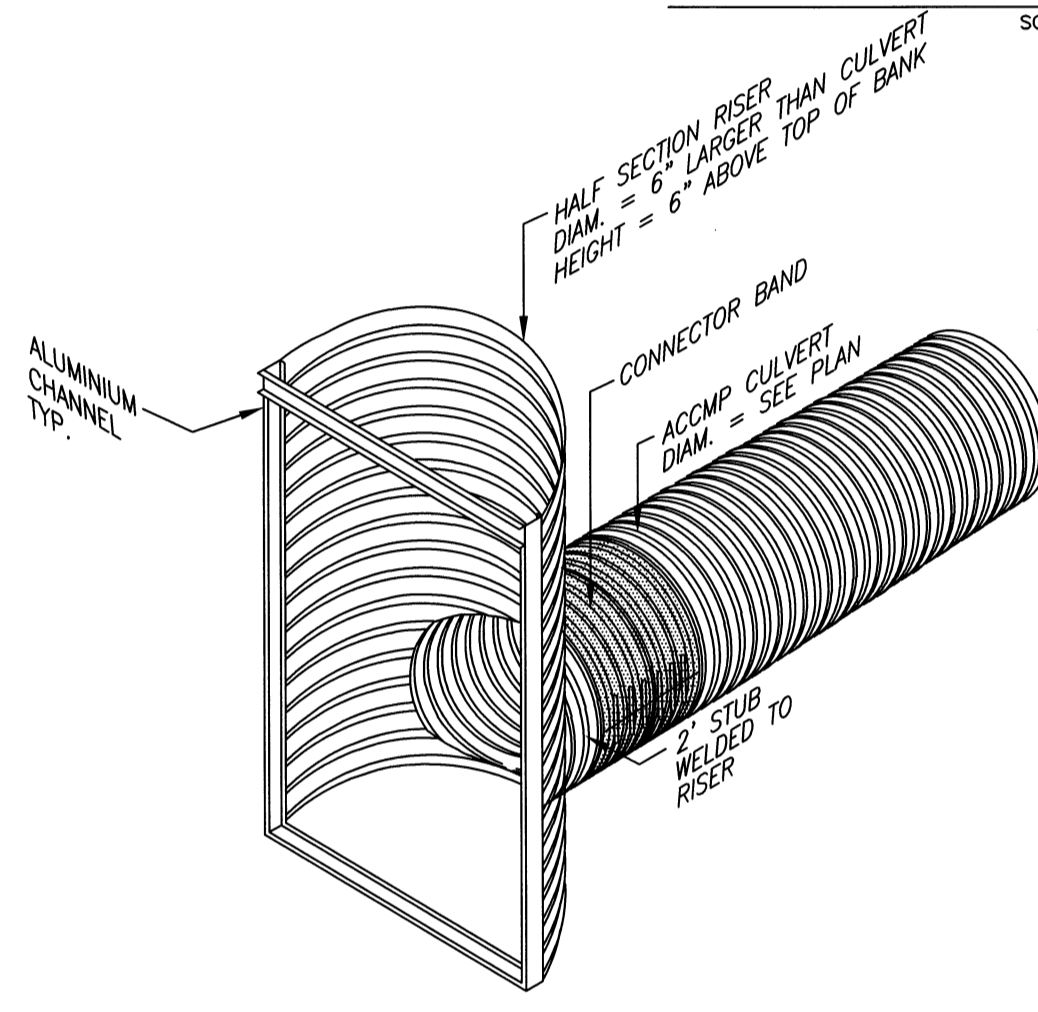
SEC-AA



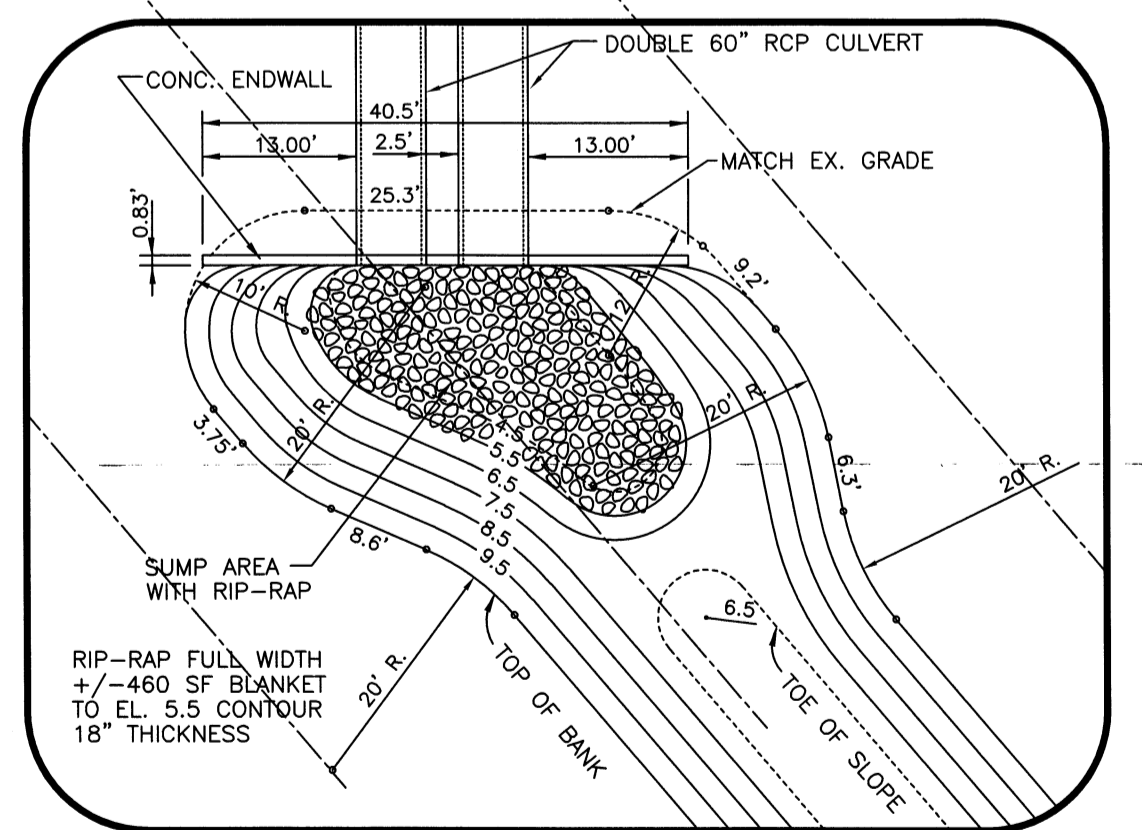
SEC-QQ

TYPE "P-6" CURB INLET DETAIL
SCALE: N.T.S.

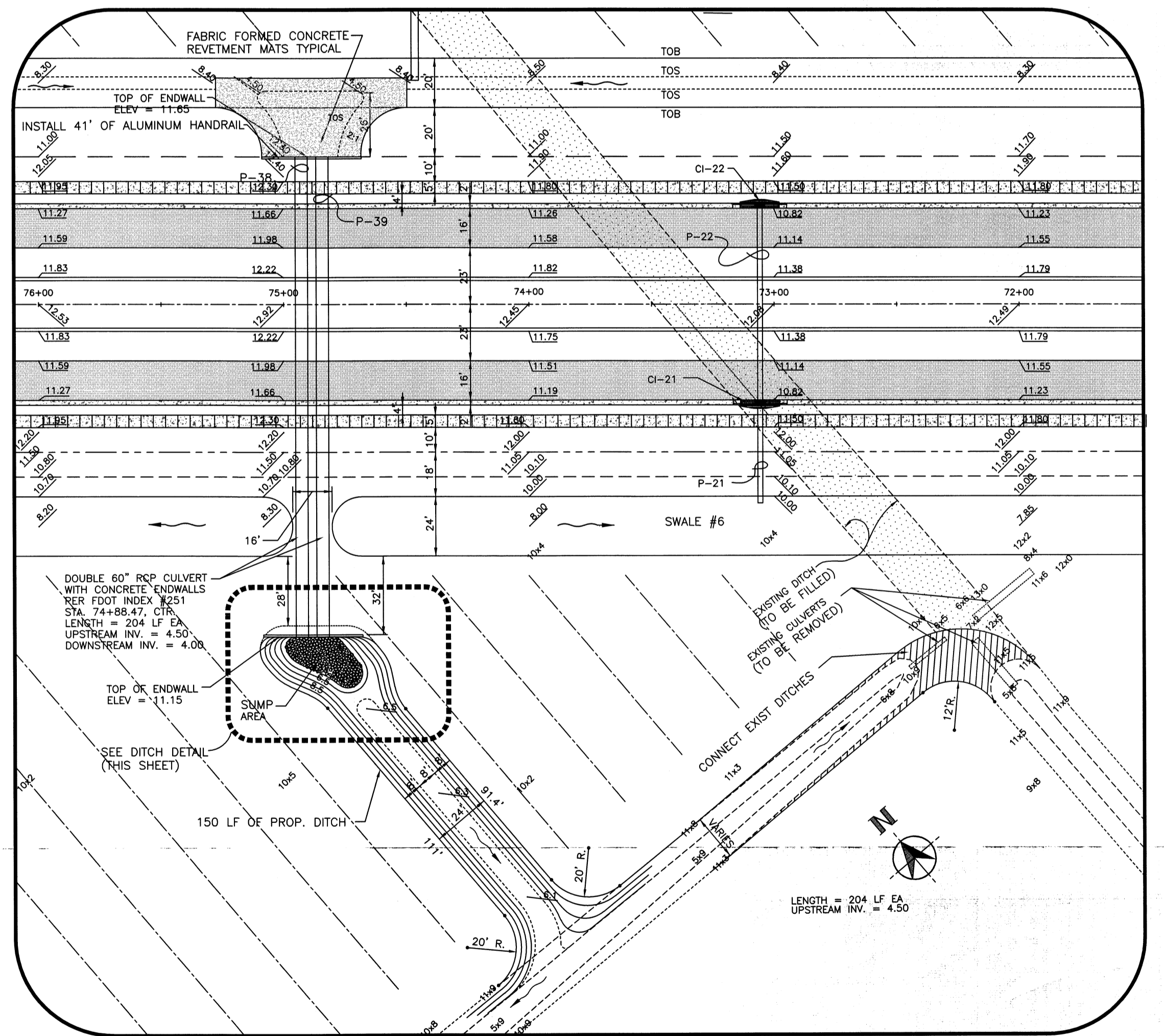
- P-6 INLET CONSTRUCTION NOTES:
1. INLET TOP TYPE #6 TO BE CONSTRUCTED PER FOOT INDEX #211 SHEET #1 OF 2.
 2. STRUCTURE BOTTOM TYPE "P" TO BE CONSTRUCTED PER FOOT INDEX #200 SHEET #1 OF 3.



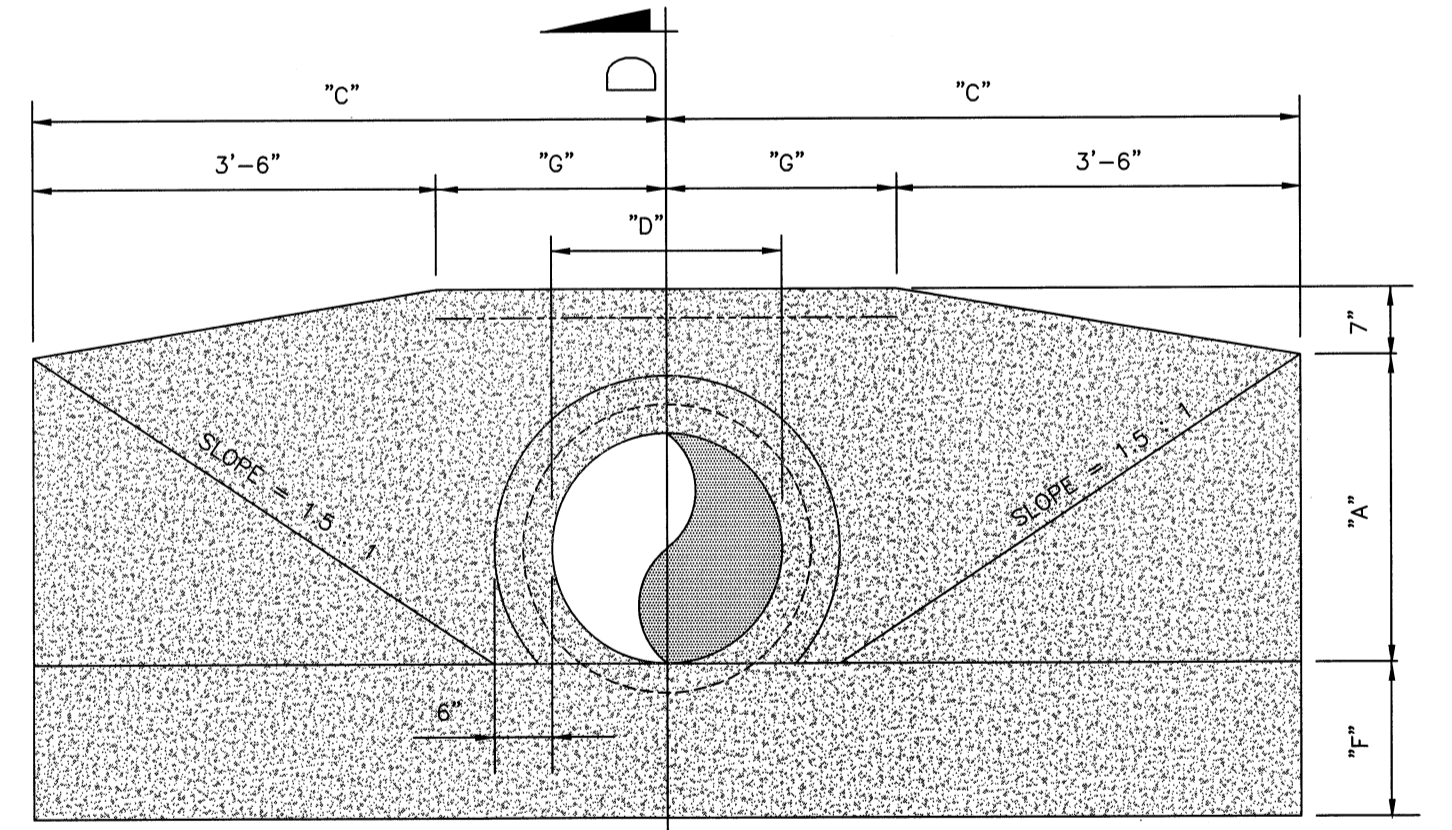
PERSPECTIVE VIEW
TYPICAL AGRICULTURE CONTROL STRUCTURE
SCALE: N.T.S.



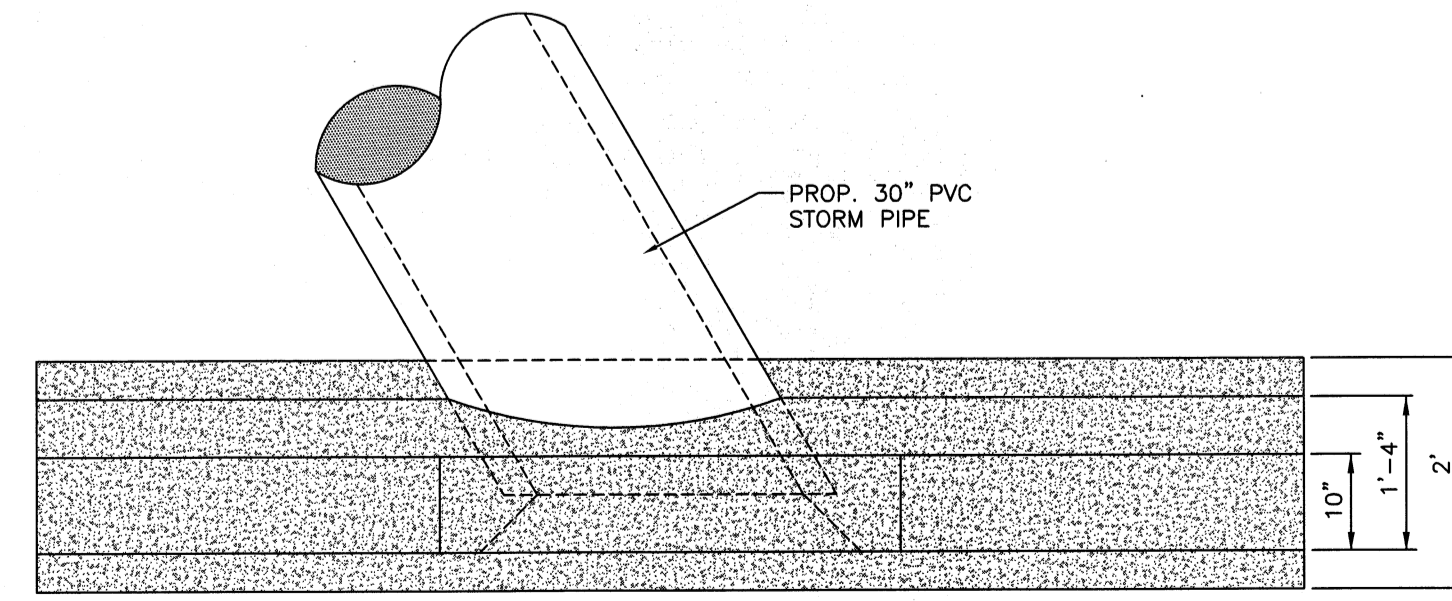
DITCH DETAIL
SCALE: N.T.S.



INSET "A"
SCALE: N.T.S.



NORMAL PIPE FRONT VIEW

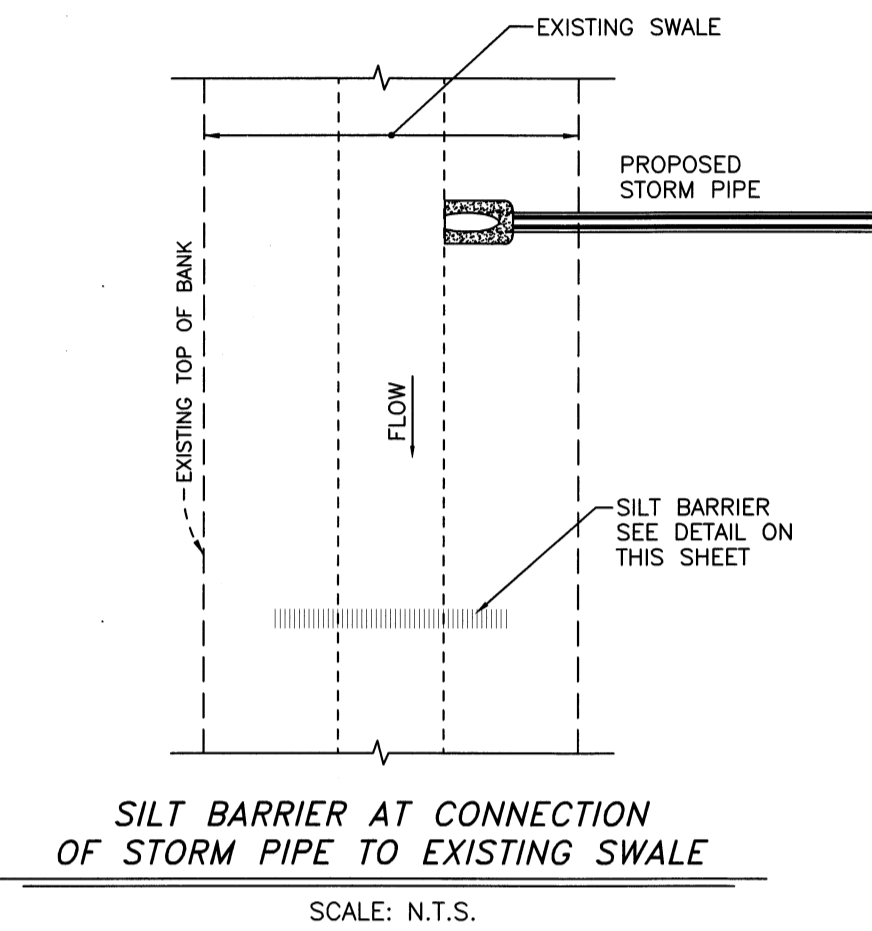
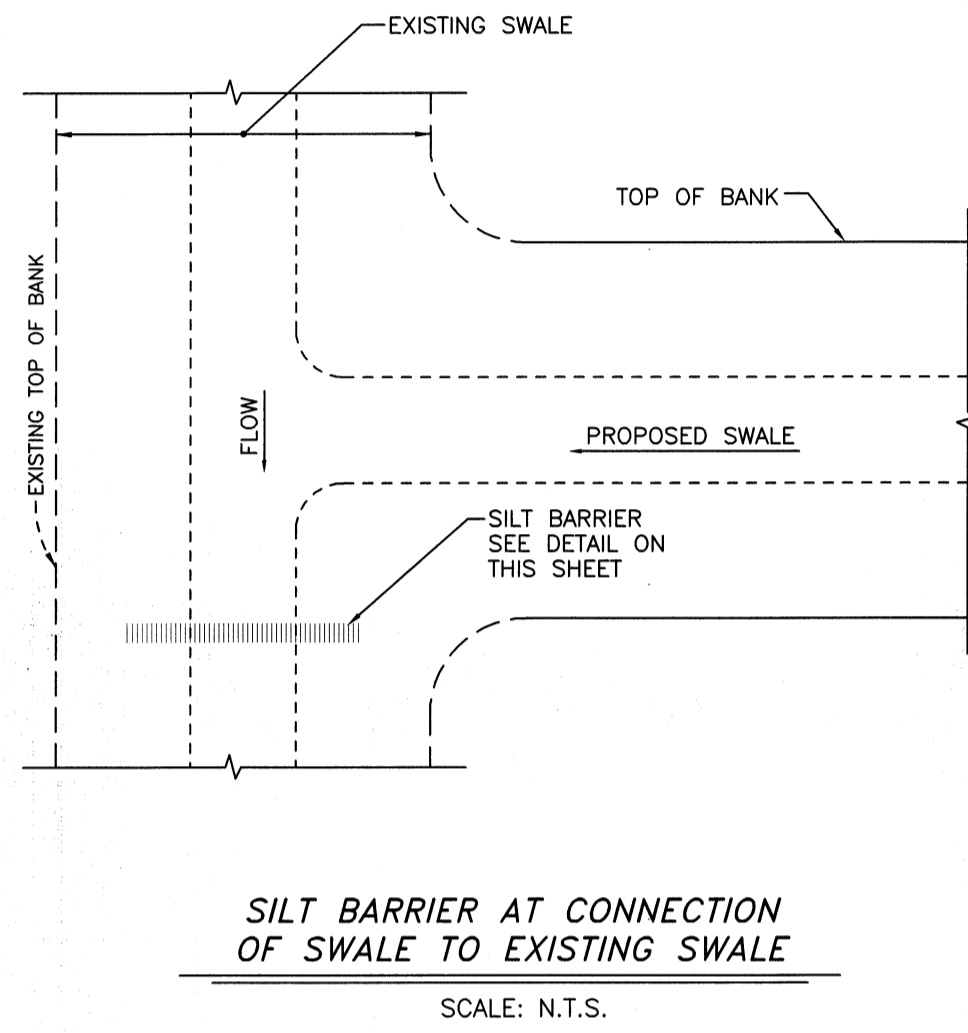
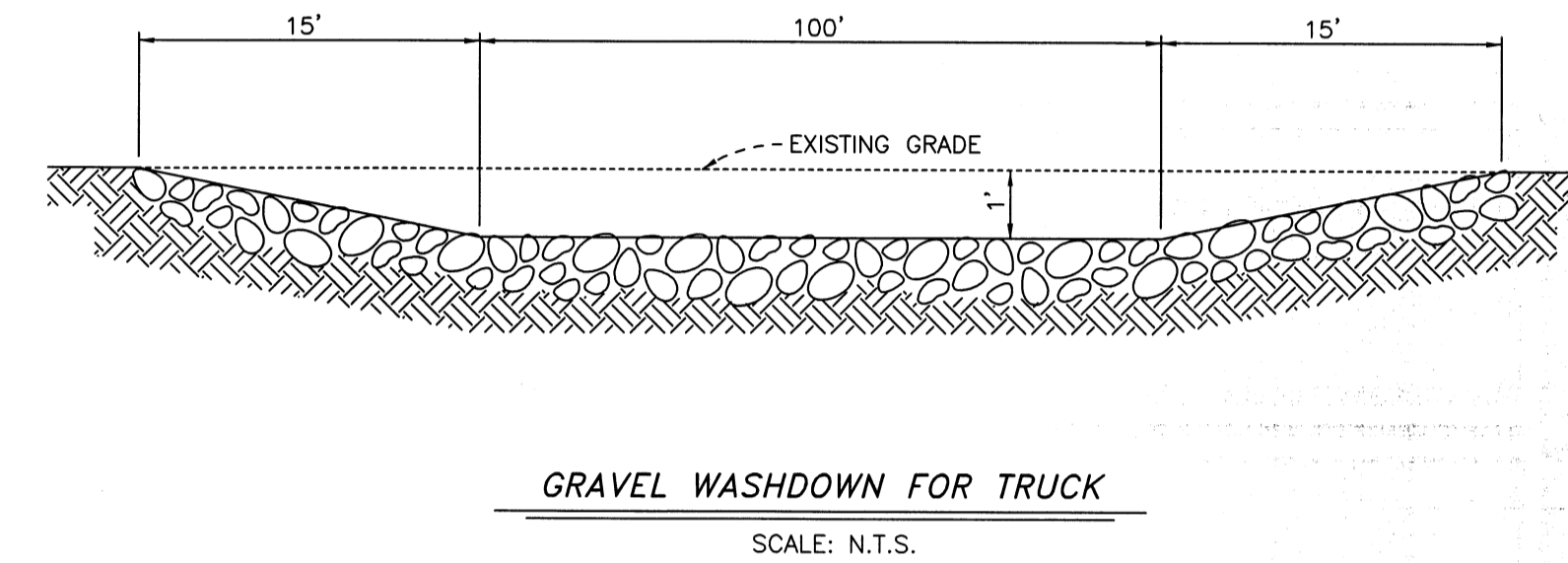
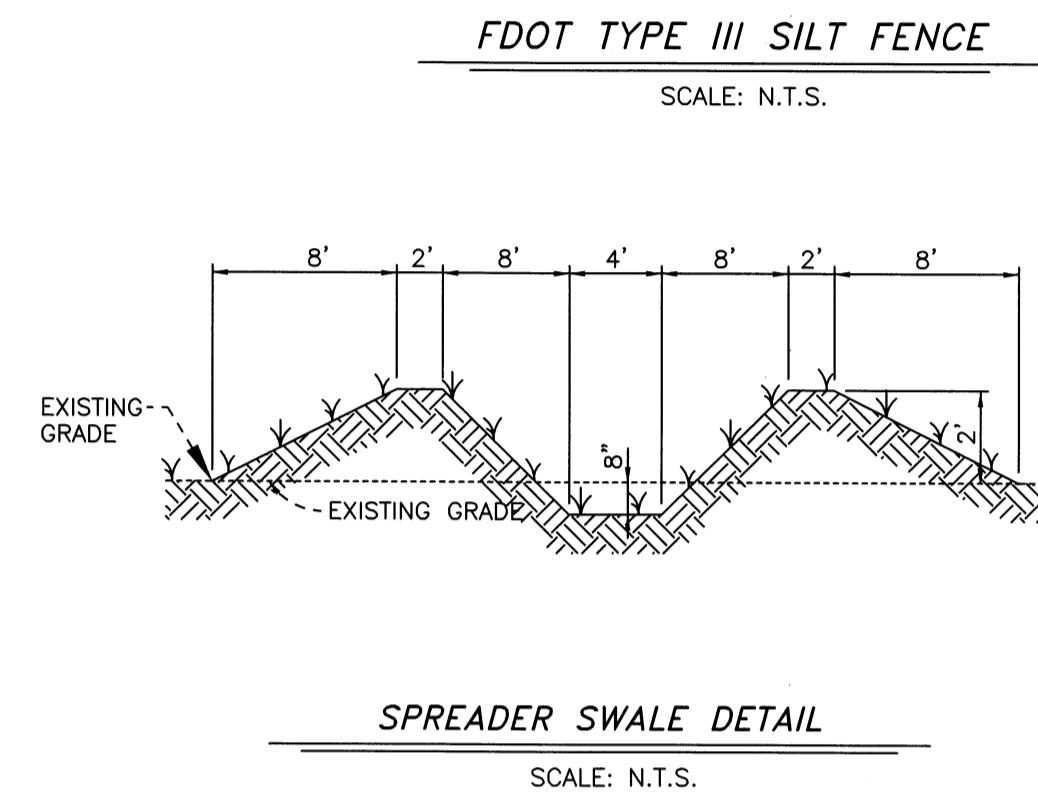
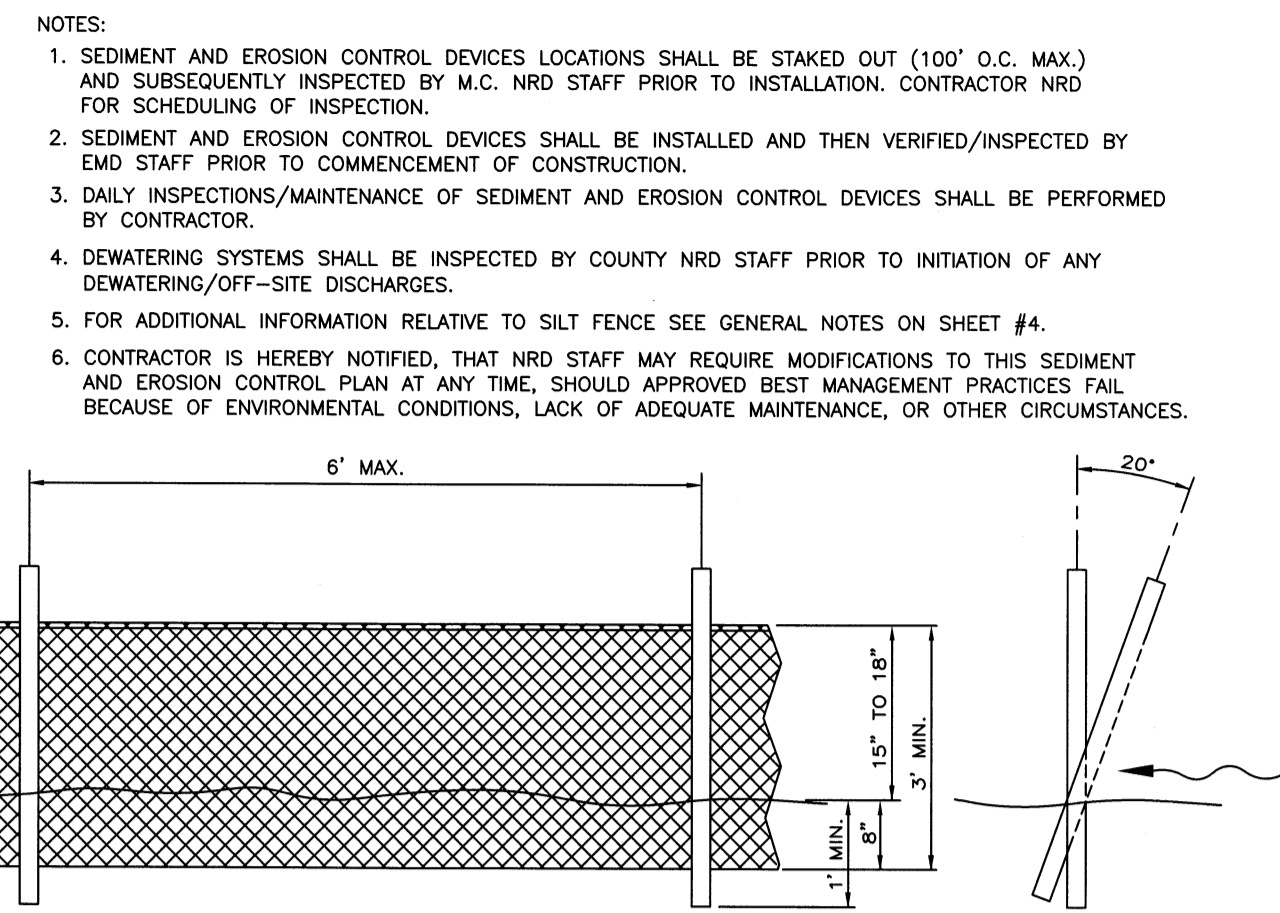
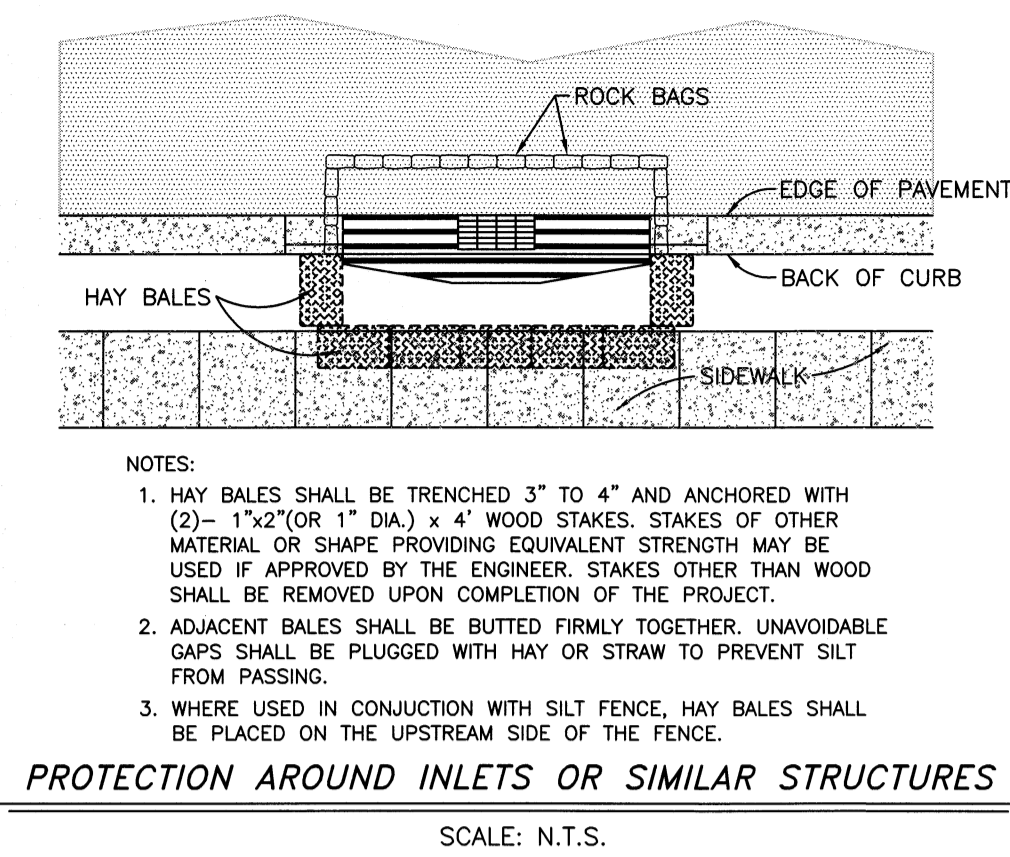
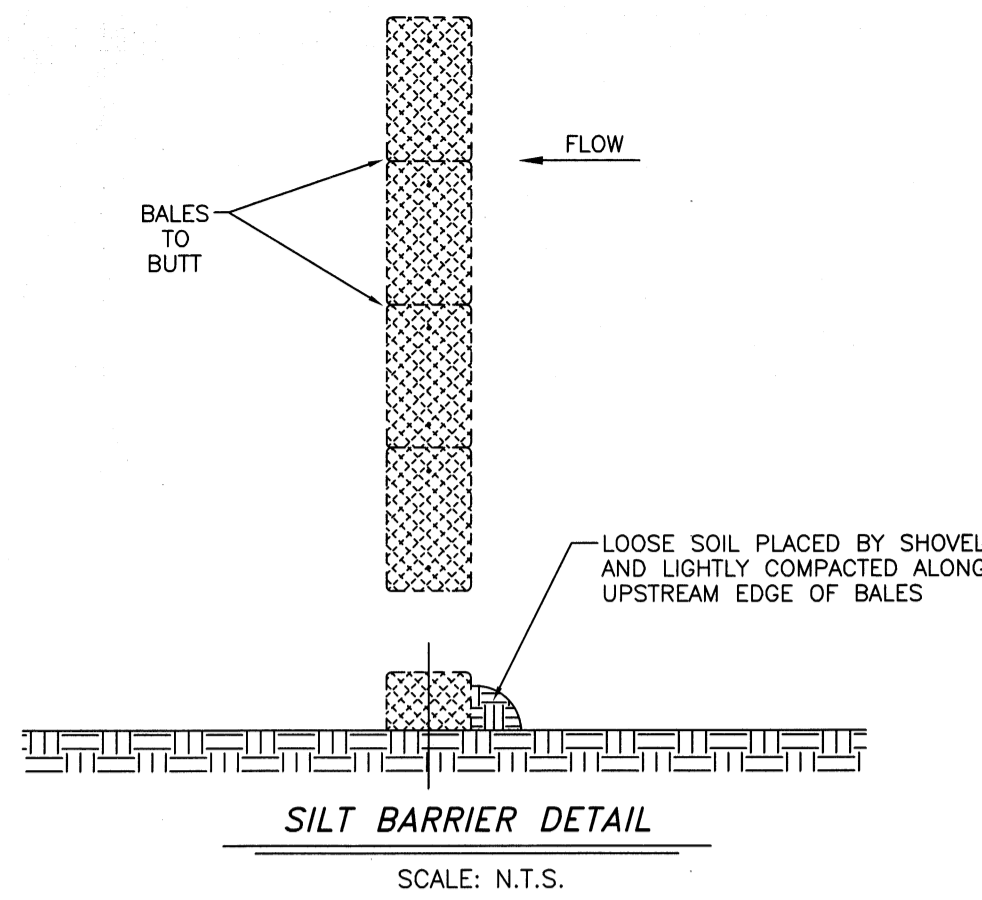


NORMAL PIPE TOP VIEW
ENDWALL DETAIL
N.T.S.

MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208

PROJECT NO. 018030 DRAWN BY J.M.W. DATE 28 FEB 2006
 CHECKED BY C.M.P./J.M.P./J.L. DATE 24 AUG 2007 J.M.W.
 REVISIONS
 REVISED PER SHOWN COMMENTS

SEAL: **EL CONQUISTADOR PARKWAY EXTENSION PHASE II**
 STORMWATER CONSTRUCTION DETAILS
 SHEET 20 OF



BEST MANAGEMENT PRACTICES

GENERAL
 EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED DURING CONSTRUCTION BY THE CONTRACTOR. SITE SPECIFIC BEST MANAGEMENT PRACTICES SHALL PREVENT SEDIMENT AND OTHER HARMFUL CONTAMINATES FROM ENTERING THE STORM WATER MANAGEMENT SYSTEM AND ADJACENT PROPERTIES. THE EFFECTIVENESS OF THE SEDIMENT AND EROSION CONTROL PRACTICES SHALL BE CHECKED DAILY BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SILTATION ENTERING THE STORM WATER MANAGEMENT SYSTEM BOTH ON-SITE AND OFF-SITE. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE VERIFIED AND INSPECTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

SITE GRADING PRACTICES
 SEDIMENT AND EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY EARTH MOVING ACTIVITIES. THE CONTRACTOR SHALL MINIMIZE IMPACT TO AREAS WHICH ARE TO REMAIN UNDISTURBED. ALL AREAS TO REMAIN SHALL BE PROTECTED ACCORDINGLY (TREE BARRICADES, ETC.). TEMPORARILY DEWATERING BASINS SHALL BE CONSTRUCTED PRIOR TO STORM WATER MANAGEMENT LAKE EXCAVATION. STOCKPILED AREAS SUCH AS TOPSOIL SHALL BE PLACED AND PROTECTED SO AS TO LIMIT SEDIMENT RUNOFF. ANY STOCKPILED MATERIAL NOT USED WITHIN 30 DAYS SHALL BE STABILIZED. ORGANIC MATERIAL AND DEBRIS SHALL BE DISPOSED OF ACCORDINGLY. ALL SLOPES SHALL BE IN ACCORDANCE WITH THE PLANS AND STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING.

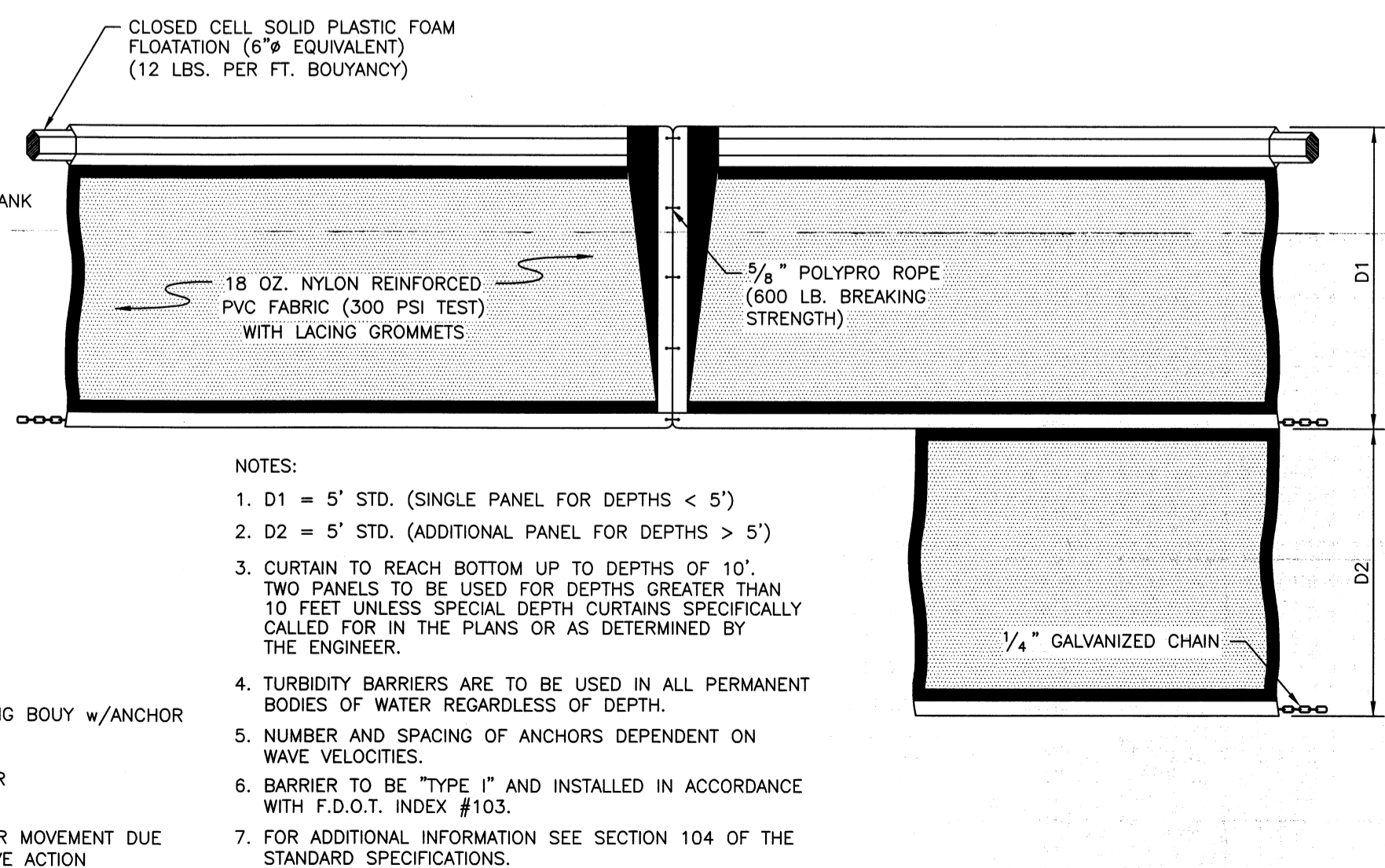
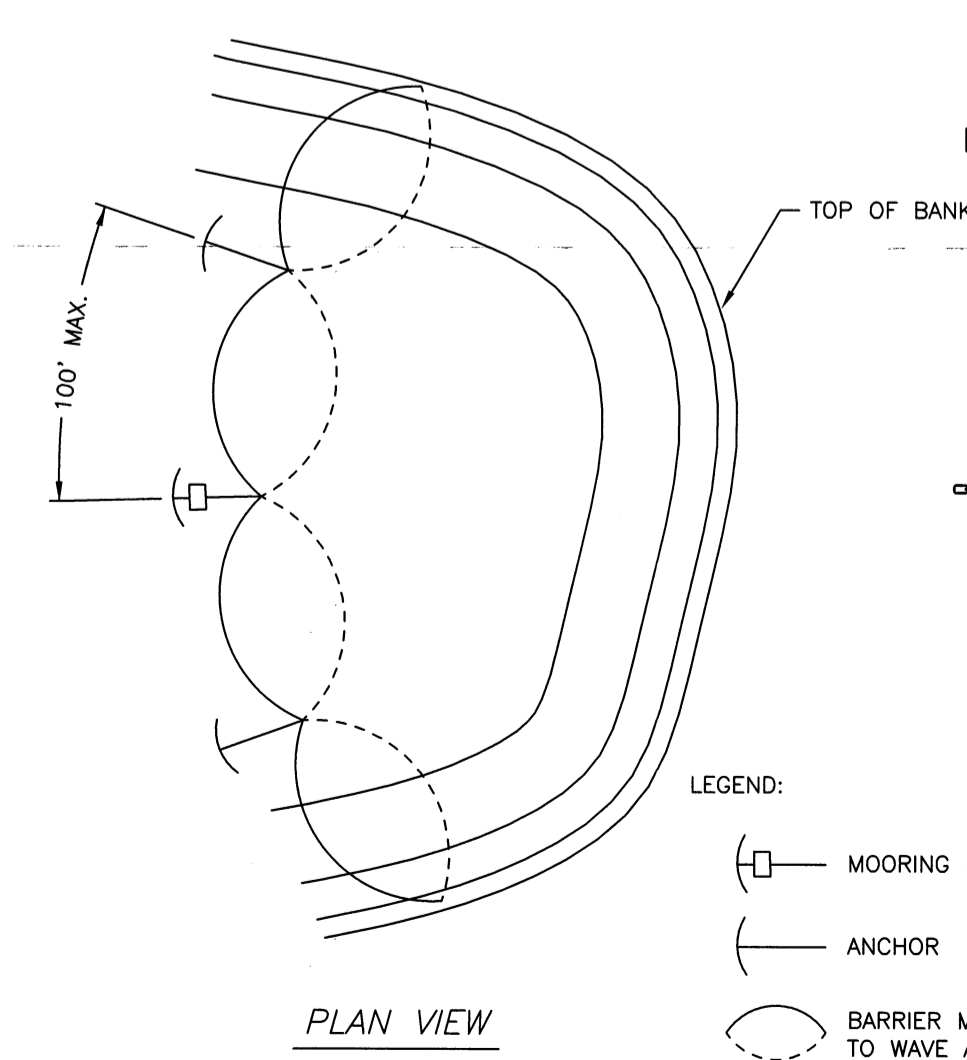
TEMPORARY DEWATERING BASINS
 THERE IS NO TEMPORARY DEWATERING BASIN PROPOSED FOR THIS PROJECT.

MAINTENANCE OF SEDIMENT AND EROSION CONTROL PRACTICES
 ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED DAILY AND/OR AFTER ANY STORM EVENT FOR INTEGRITY AND REPAIRED AND/OR REPLACED ACCORDINGLY IF SIGNS OF FAILURE ARE OBSERVED. SEDIMENT SHALL BE REMOVED FROM ALL SUMP AREAS AS NECESSARY TO MAINTAIN REQUIRED VOLUMES. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL REMAIN IN PLACE UNTIL ALL STABILIZATION HAS BEEN COMPLETED. ANY EROSION EXPERIENCED UPON REMOVAL OF SEDIMENT AND EROSION CONTROL MEASURES WILL BE STABILIZED IMMEDIATELY.

MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E.
 BRADENTON, FL 34208

PROJECT NO.	DATE	DRAWN BY	DATE
041110	02/22/07	J.M.W.	02/22/07
CHECKED BY	J.M.P.	J.L.	
REVISIONS			

SEALED AND APPROVED BY:
 J.M.W.
 J.M.P.
 J.L.



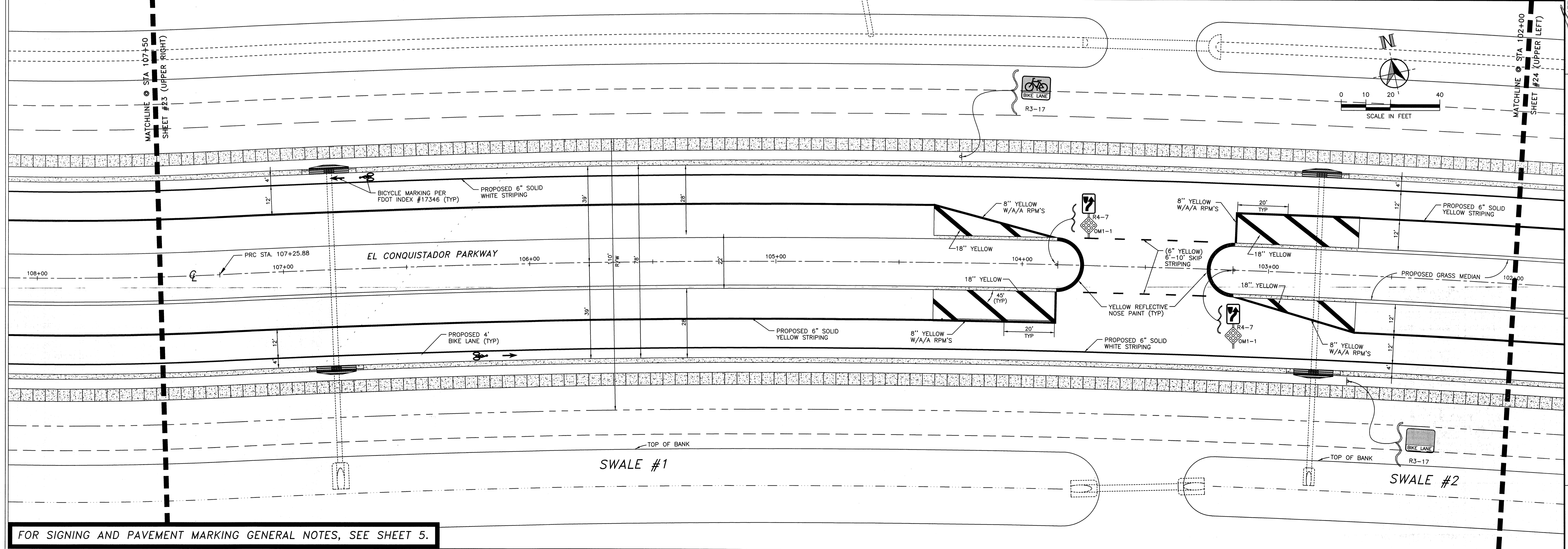
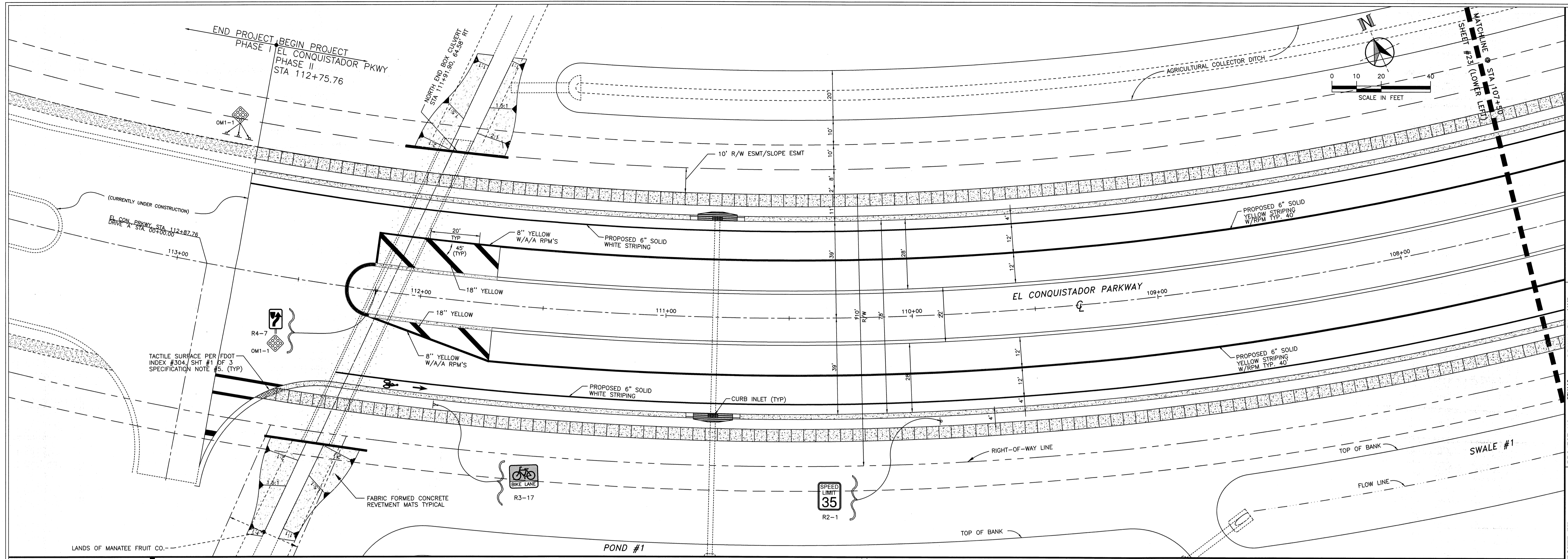
- NOTES:
- D1 = 5' STD. (SINGLE PANEL FOR DEPTHS < 5')
 - D2 = 5' STD. (ADDITIONAL PANEL FOR DEPTHS > 5')
 - CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10'. TWO PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH CURTAINS SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.
 - TURBIDITY BARRIERS ARE TO BE USED IN ALL PERMANENT BODIES OF WATER REGARDLESS OF DEPTH.
 - NUMBER AND SPACING OF ANCHORS DEPENDENT ON WAVE VELOCITIES.
 - BARRIER TO BE "TYPE I" AND INSTALLED IN ACCORDANCE WITH F.D.O.T. INDEX #103.
 - FOR ADDITIONAL INFORMATION SEE SECTION 104 OF THE STANDARD SPECIFICATIONS.

FLOATING TURBIDITY BARRIER DETAIL
 SCALE: N.T.S.

EL CONQUISTADOR
 PARKWAY EXTENSION
 PHASE II

BEST MANAGEMENT
 PRACTICES

SHEET
 22
 OF



FOR SIGNING AND PAVEMENT MARKING GENERAL NOTES, SEE SHEET 5.

MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E.
 BRADENTON, FL 34208

NO.	DATE	BY

PROJECT NO. 08110
 CHECKED BY: J.M.W.
 DRAWN BY: J.M.W.
 DATE: 23 FEB 2007

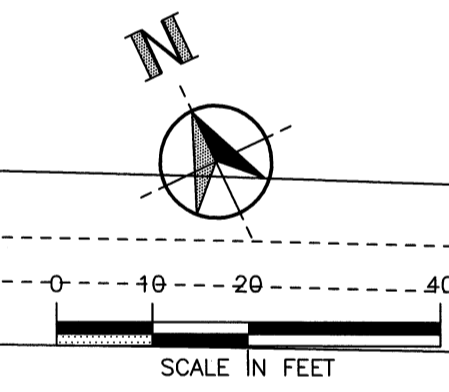
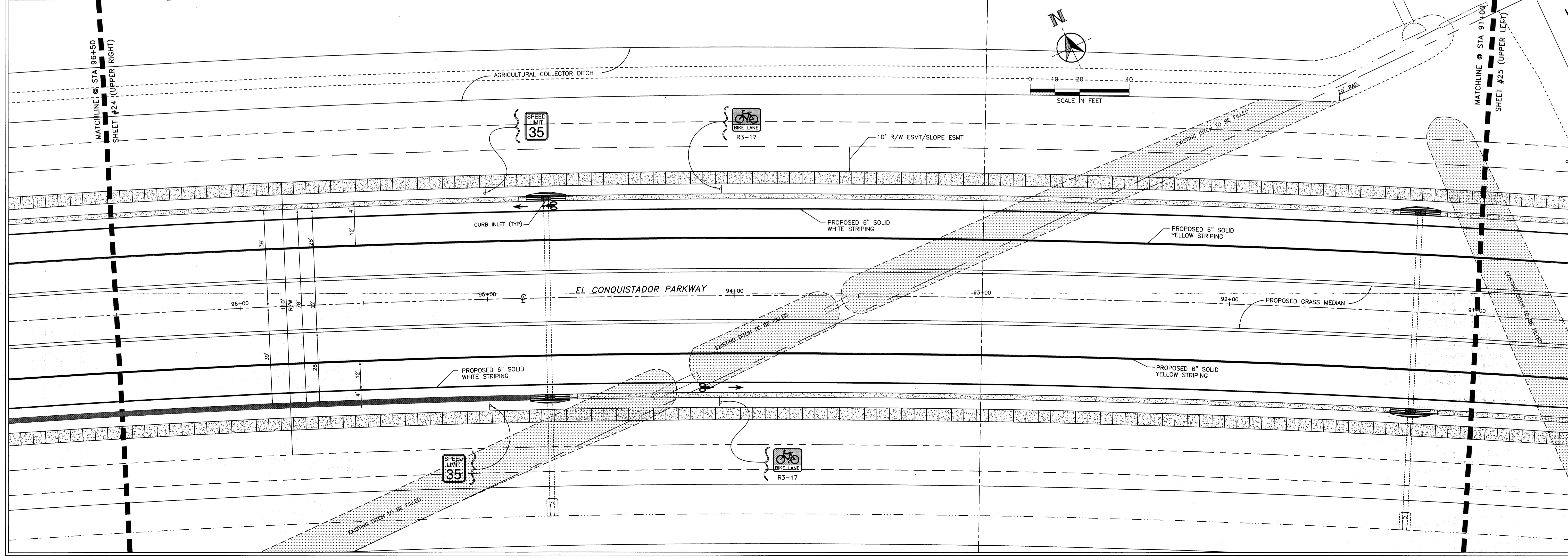
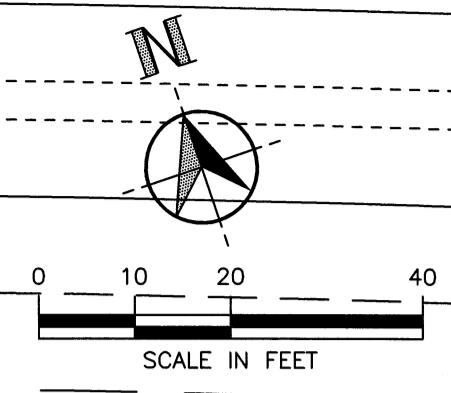
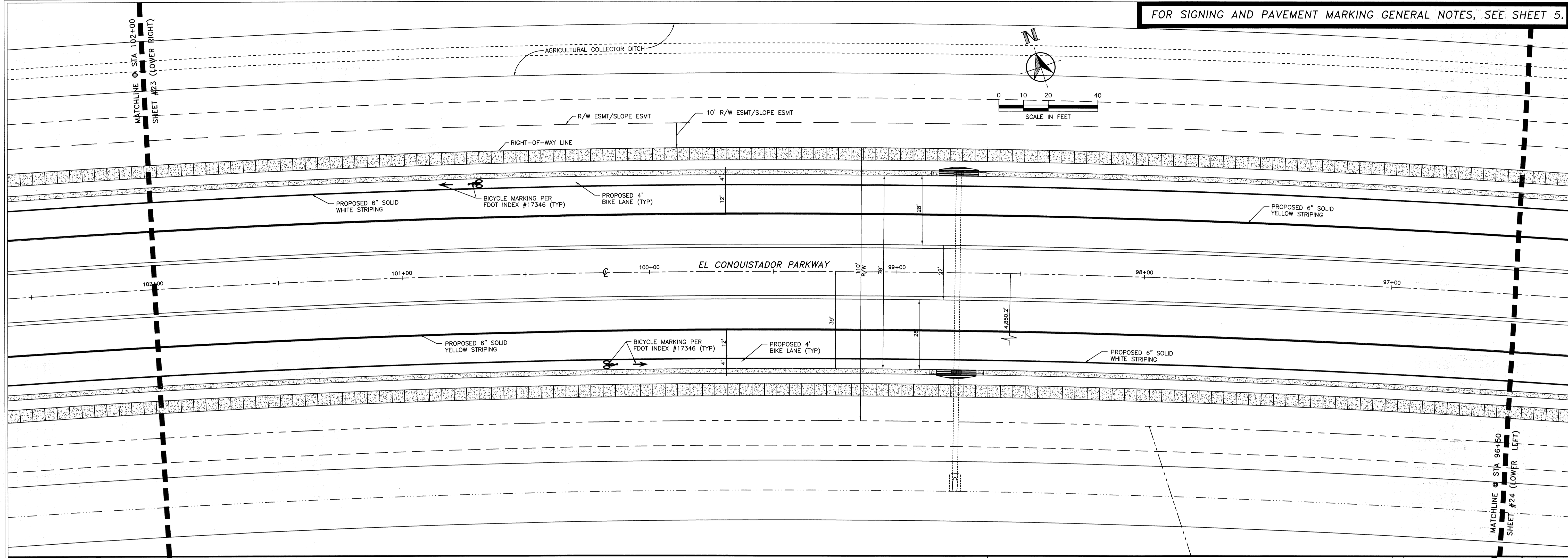
SEAL: J.M.W.
 JAMES W. WILSON
 P.E.
 MANATEE COUNTY GOVERNMENT
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVENUE EAST
 BRADENTON, FL 34208

**EL CONQUISTADOR
 PARKWAY EXTENSION
 PHASE II**

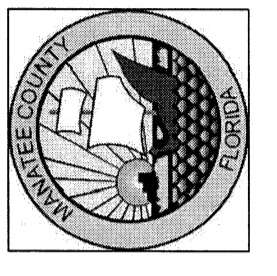
ROADWAY STRIPING
 AND PAVEMENT
 MARKING PLAN
 STA 102+00 - STA 113+00

S:\PWD_Engineering_Share\Highway Engineering\PROJECTS\El Conquistador Parkway Extension PH II\CAD\EL-CON-23.dwg, Model, 3/17/2011 3:02:31 PM

FOR SIGNING AND PAVEMENT MARKING GENERAL NOTES, SEE SHEET 5.



MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E.
 BRADENTON, FL 34208



PROJECT NO. 07M110
 CHECKED BY: JAW
 DRAWN BY: JAW
 DATE: 23 FEB 2007

REVISIONS	DATE	BY

SEALED BY: JAW
 DATE: 23 FEB 2007

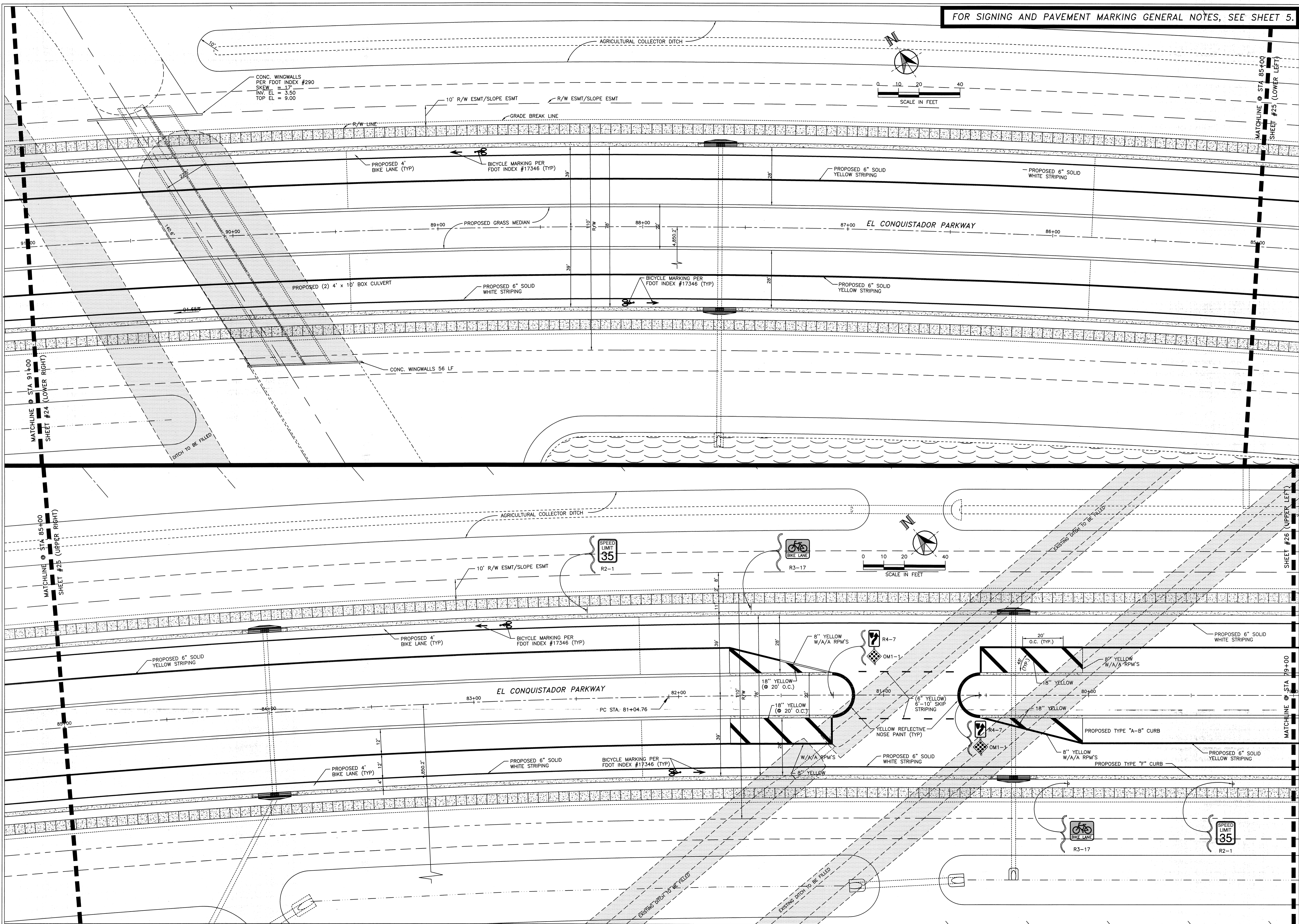
MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E.
 BRADENTON, FL 34208

EL CONQUISTADOR
 PARKWAY EXTENSION
 PHASE II

ROADWAY STRIPING
 AND PAVEMENT
 MARKING PLAN
 STA 91+00 - STA 102+00

SHEET
 24
 OF

FOR SIGNING AND PAVEMENT MARKING GENERAL NOTES, SEE SHEET 5.



MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208

PROJECT NO. 071110
DRAWN BY J.M.W.
CHECKED BY C.P.M.
DATE 24 MAY 2002

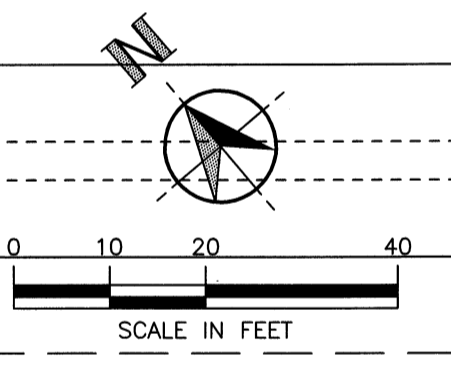
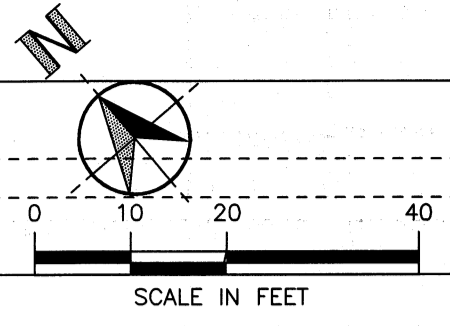
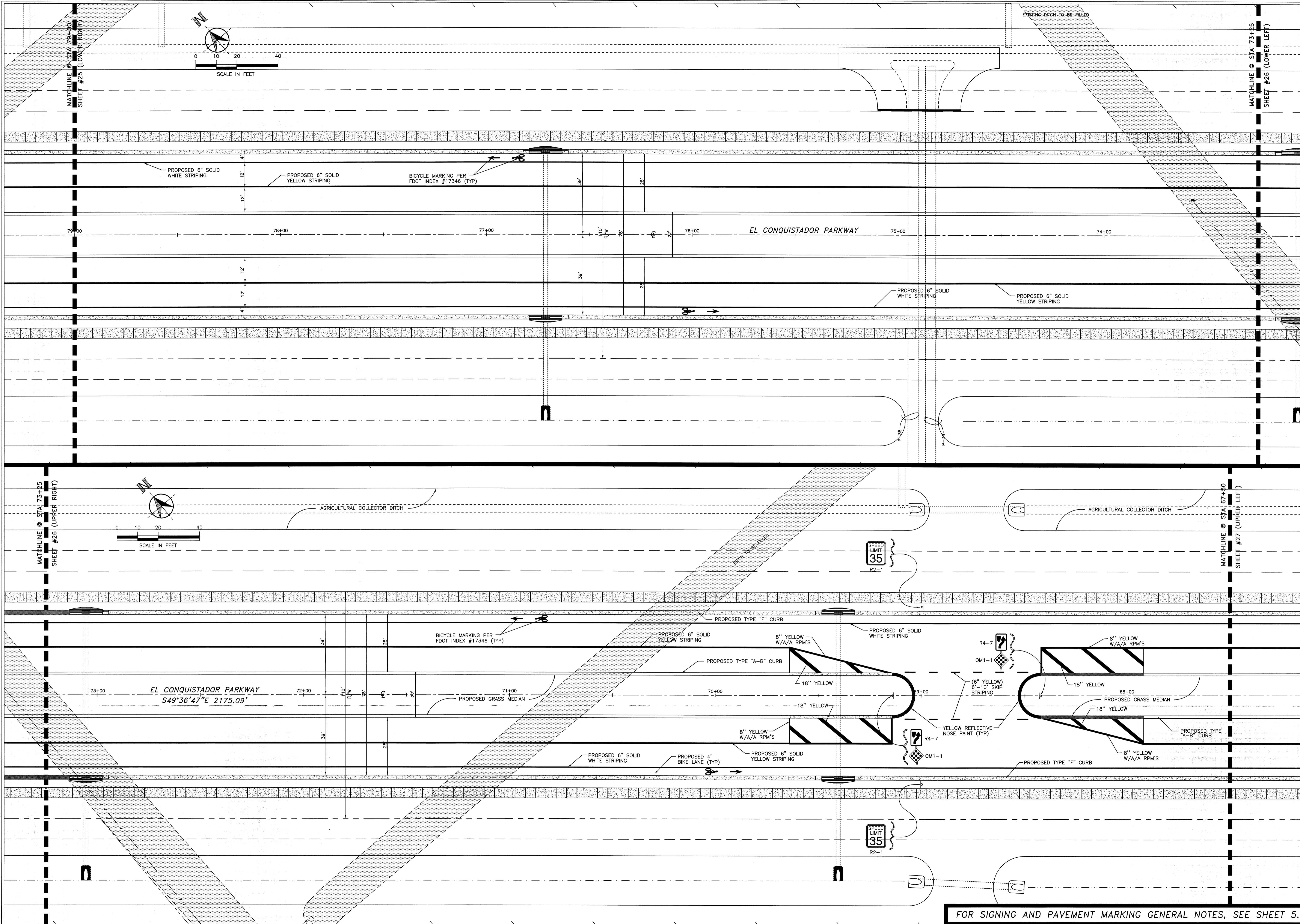
REVISIONS	DATE	BY

DESIGNED BY
SEAL
MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208

EL CONQUISTADOR
PARKWAY EXTENSION
PHASE II

ROADWAY STRIPING
AND PAVEMENT
MARKING PLAN
STA 79+00 - STA 91+00

SHEET
25
OF



MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208

EL CONQUISTADOR PARKWAY EXTENSION PHASE II

ROADWAY STRIPING AND PAVEMENT MARKING PLAN
STA 67+50 - STA 79+00

SHEET 26 OF

FOR SIGNING AND PAVEMENT MARKING GENERAL NOTES, SEE SHEET 5.

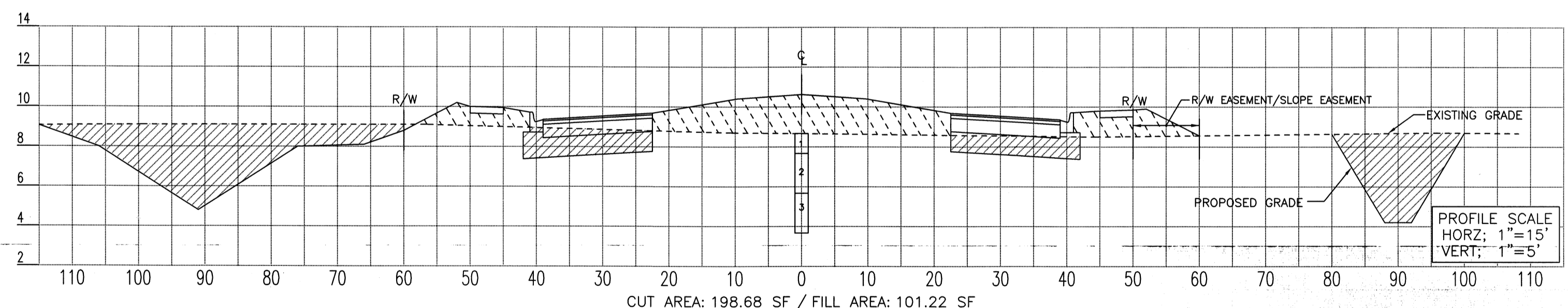
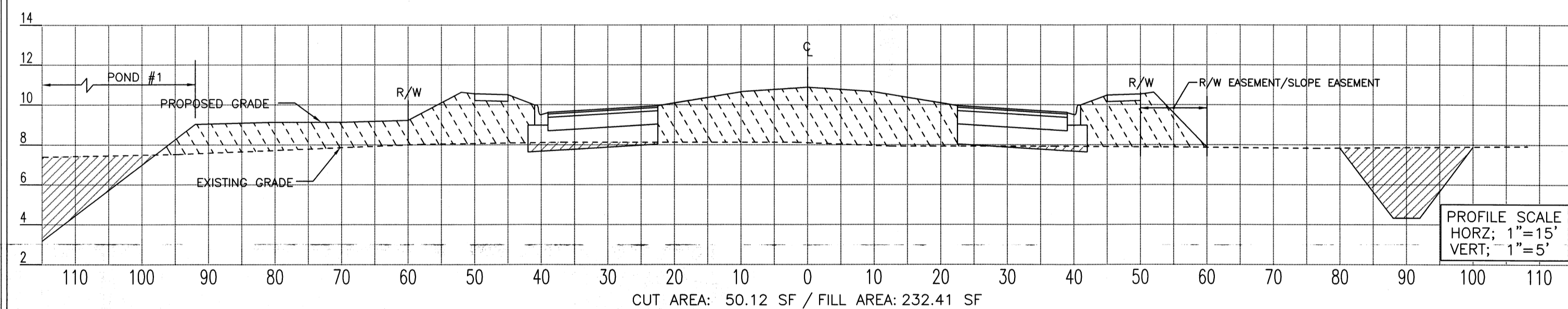
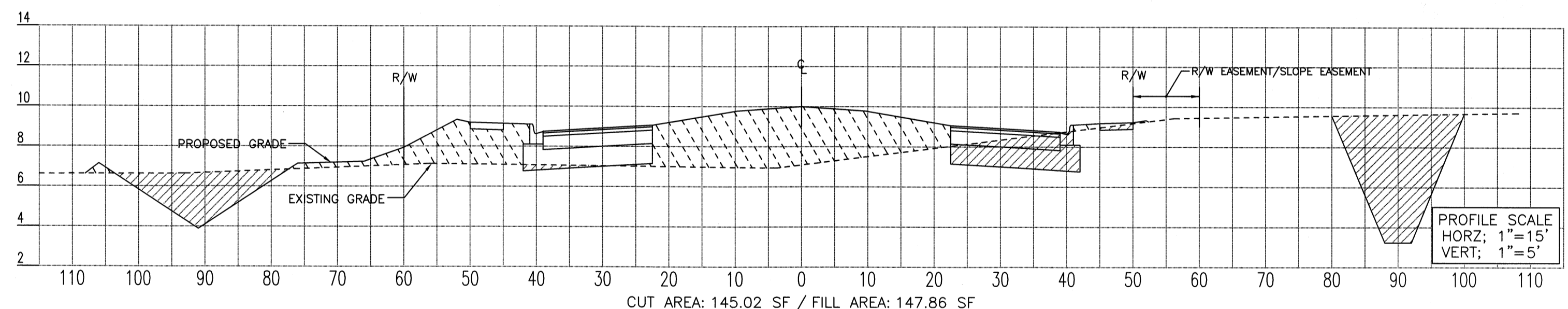
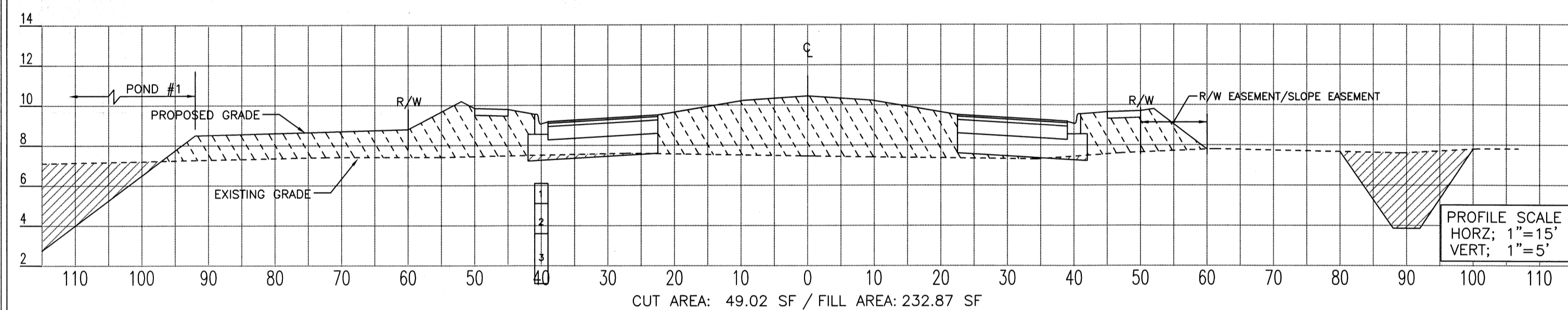
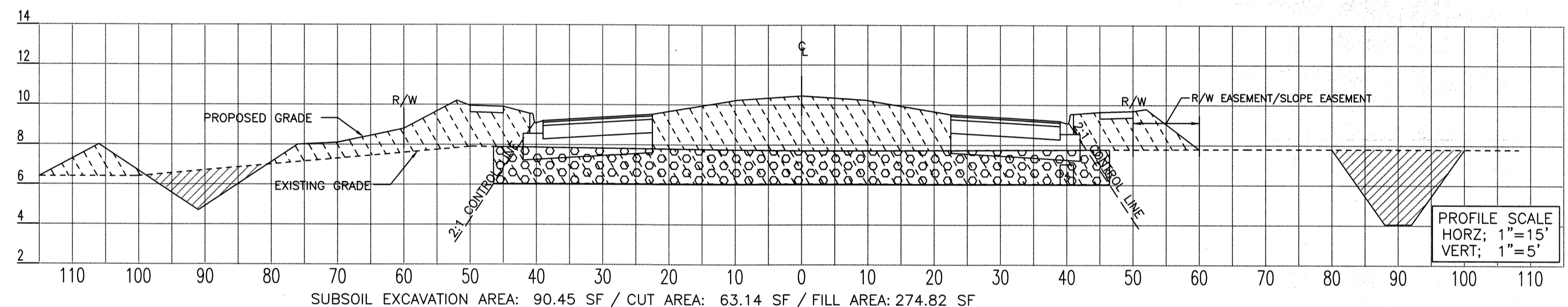
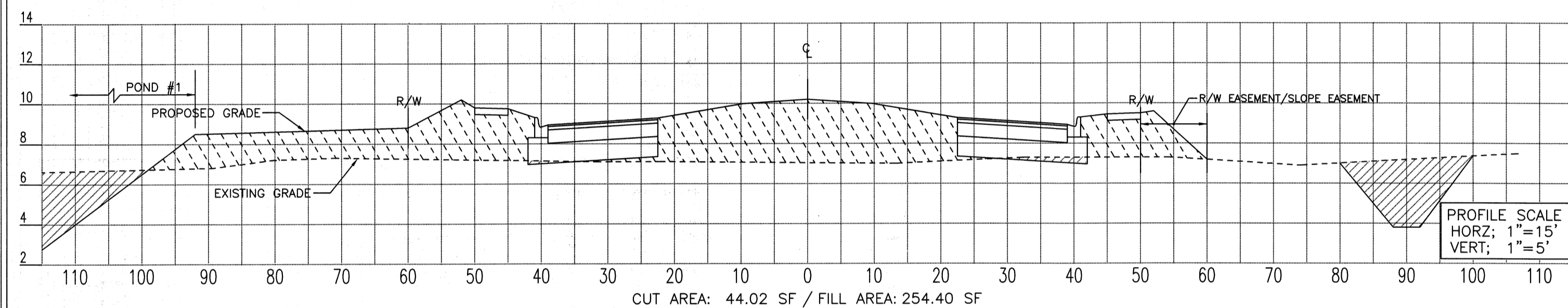
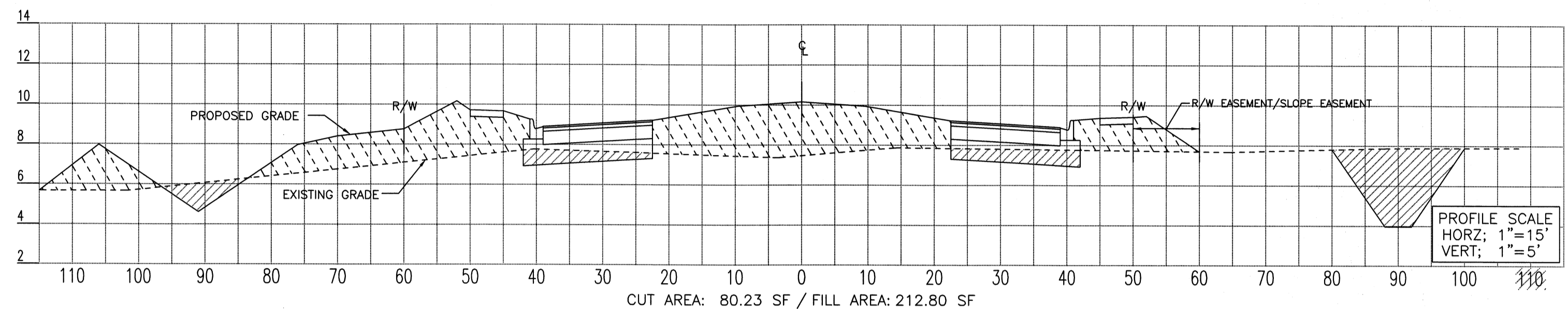
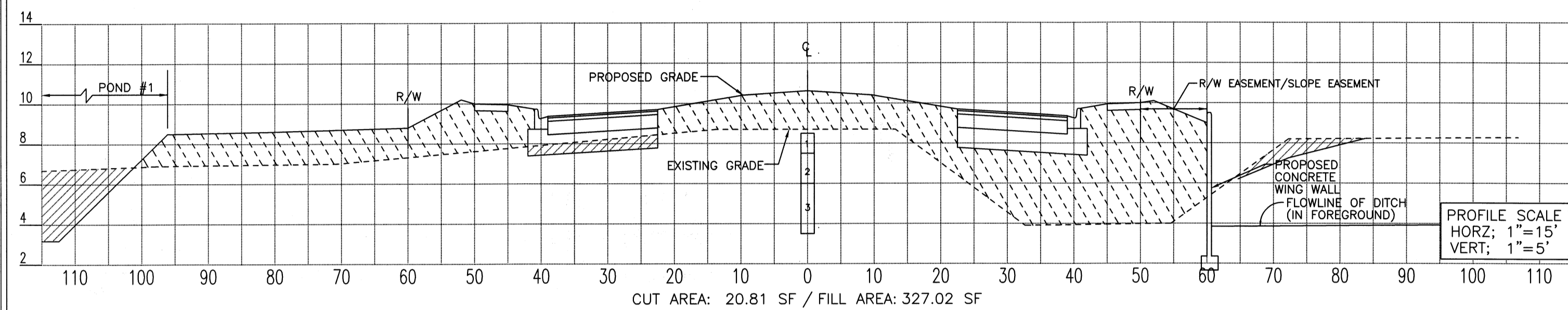
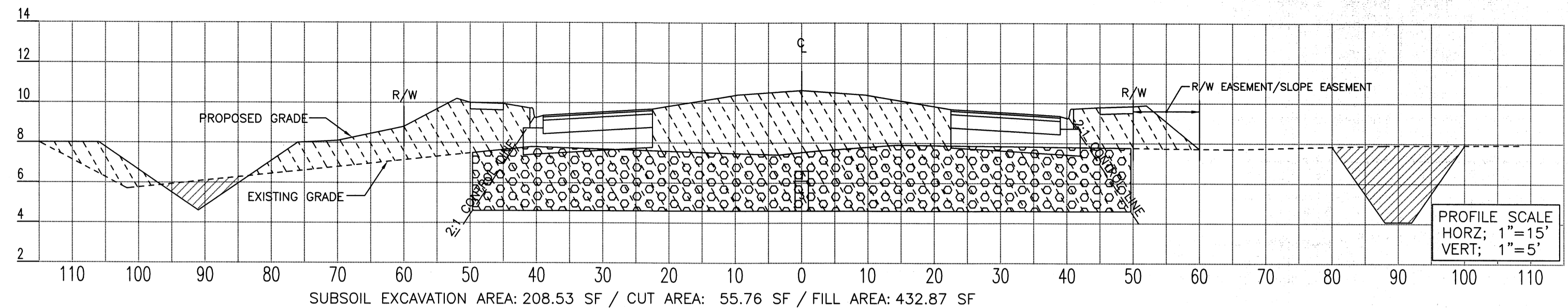
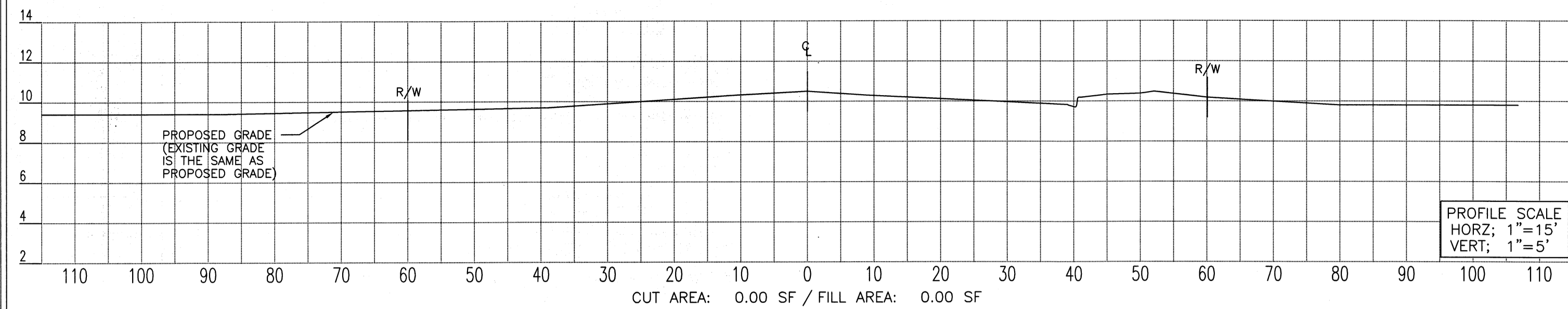
PROJECT NO. 2011010010 DRAWN BY JLMW
CHECKED BY JLMW DATE 24 MAY 2012

REVISIONS

DATE BY

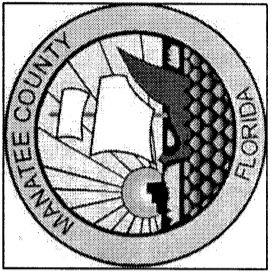
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MANATEE COUNTY PUBLIC WORKS DEPARTMENT
302 29TH AVENUE EAST
BRADENTON, FL 34208



LEGEND		NOTES	
	RIGHT OF WAY LINE		SIDEWALK CROSS-SLOPE NOT TO EXCEED 2.0% AND NOT BE LESS THAN 1.0%
	EXISTING GRADE		MAXIMUM CROSS-SLOPE ON EMBANKMENT FILL NOT TO EXCEED 4:1. CONTRACTOR TO UTILIZE PROPOSED GROUND GRADES PROVIDED IN PLAN VIEW ON SHEETS #6 THRU #15 FOR FINISHED GRADE LINE ELEVATIONS.
	FINISHED GRADE		ALL PROPOSED GROUND GRADES TO BE FINISHED GRADE AFTER SOD HAS BEEN INSTALLED. CONTRACTOR TO PLAN ACCORDINGLY.
	EXCAVATION AREA		CONTRACTOR TO REFER TO GENERAL NOTES ON SHEET #5 FOR FILL REQUIREMENTS.
	FILL AREA		MAXIMUM OF 3" VERTICAL DIFFERENCE BETWEEN OUTER EDGE OF SIDEWALK AND THE ADJACENT GRADE BREAK LINE. USE GRADES ON SHEETS #6 THRU #15.
	SUBSOIL EXCAVATION		ABOVE SECTIONS ARE CUT ON STATION, AND MAY NOT FULLY REPRESENT CUT & FILL REQUIREMENTS, DUE TO DITCHES, SWALES, AND BERMS CROSSING BETWEEN STATIONS. CONTRACTOR TO ACCOUNT FOR REQUIRED CUT & FILL VOLUMES ACCORDINGLY.
			SUBSOIL EXCAVATION AT STATIONS 105+00, 107+00, & 108+00 ARE ASSUMPTIONS BASED ON THE SOIL REPORT RECEIVED. THE CONTRACTOR SHOULD VERIFY IN FIELD ANY SUBSOIL EXCAVATION QUANTITY.

MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208

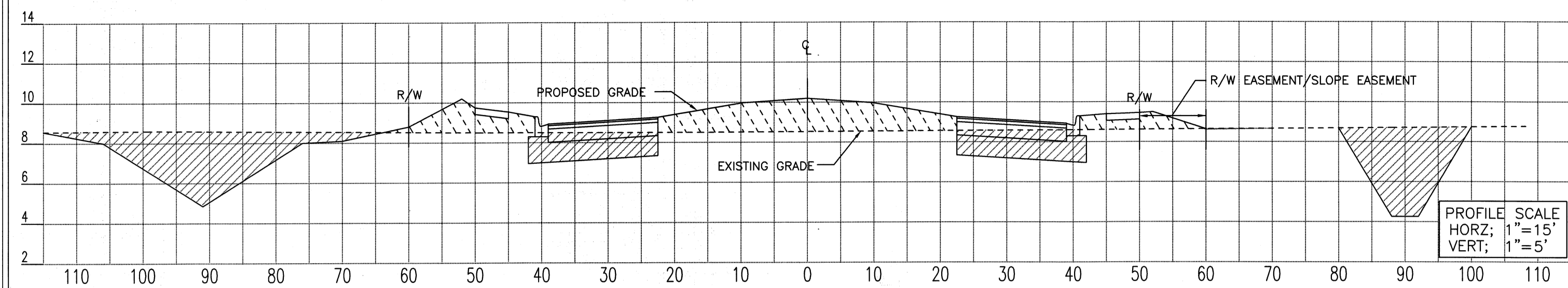


PROJECT NO. 018030 DRAWN BY J.M.W. DATE 15 MARCH 2007
CHECKED BY J.M.W. DATE 15 MARCH 2007
REVISIONS

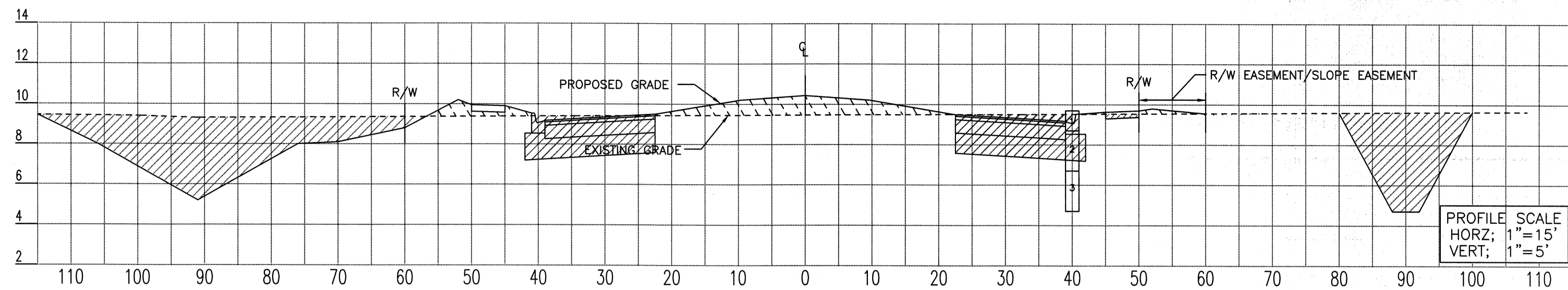
SEAL
MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208

EL CONQUISTADOR
PARKWAY EXTENSION
PHASE II

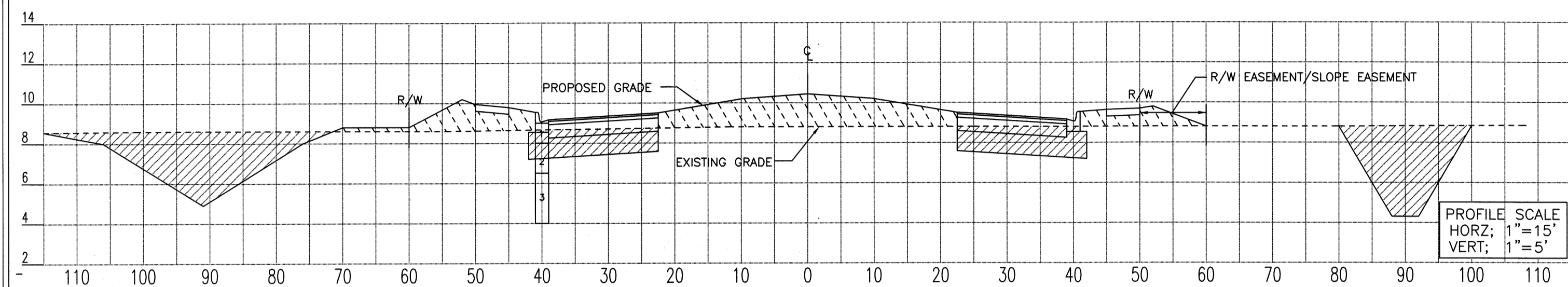
CROSS SECTIONS
STA 112+00 - STA 104+00



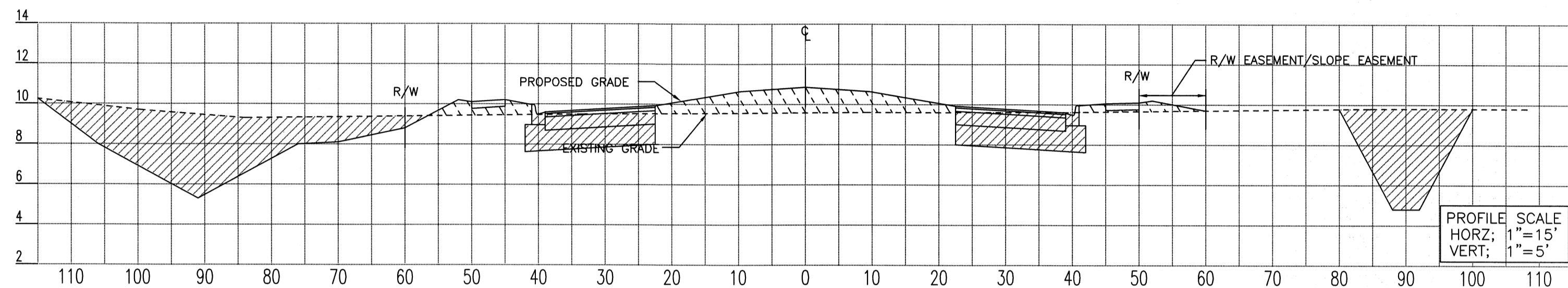
TYPICAL ROADWAY CROSS SECTION (STA 103+00.00)



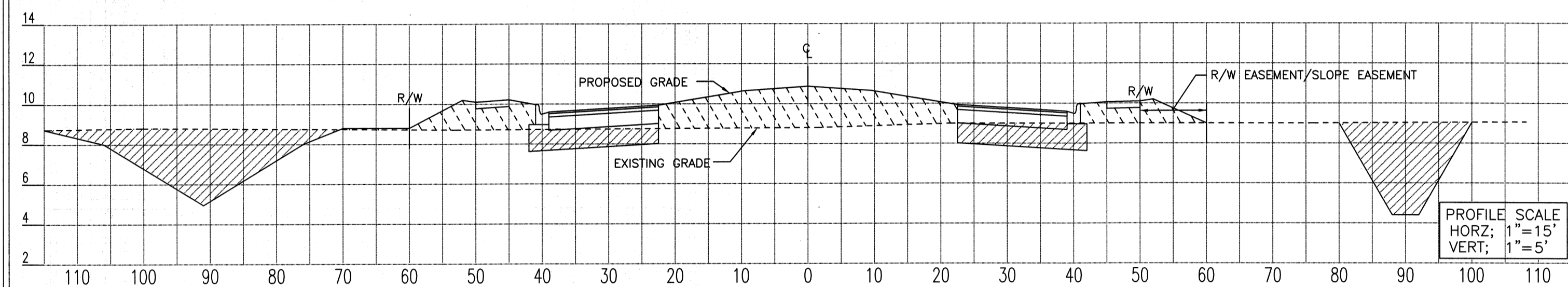
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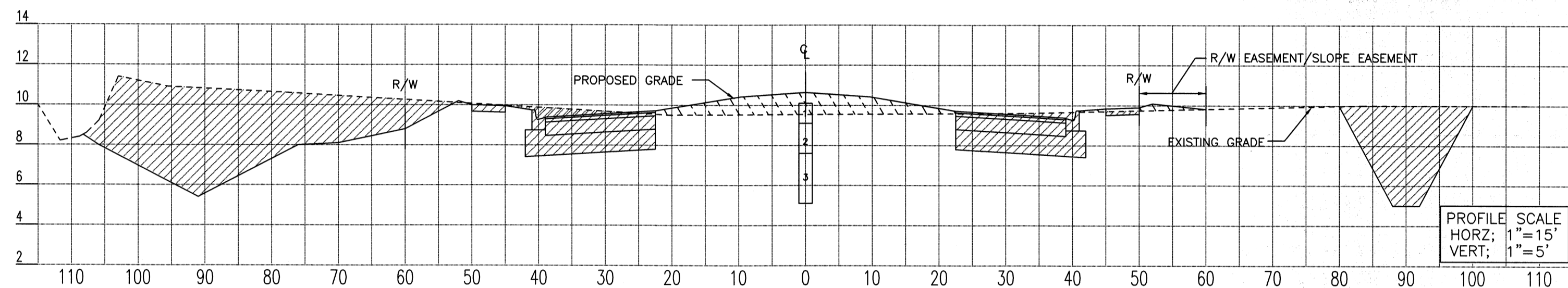
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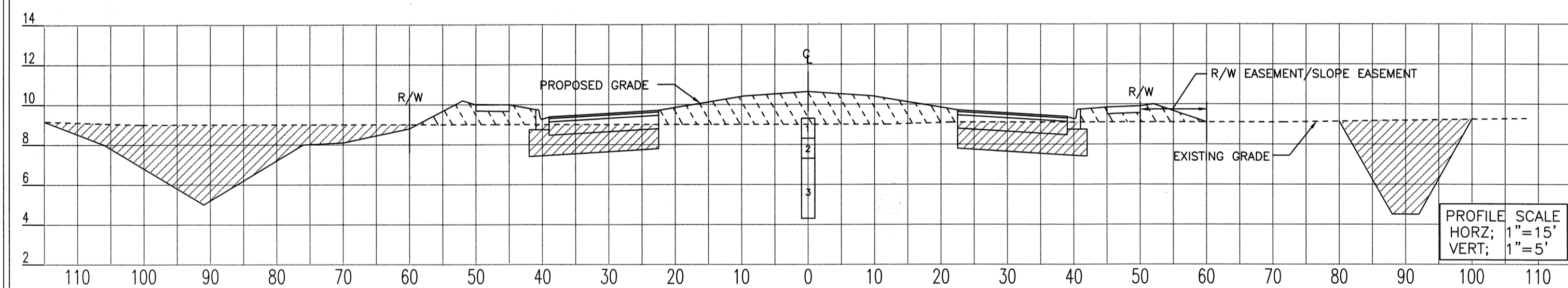
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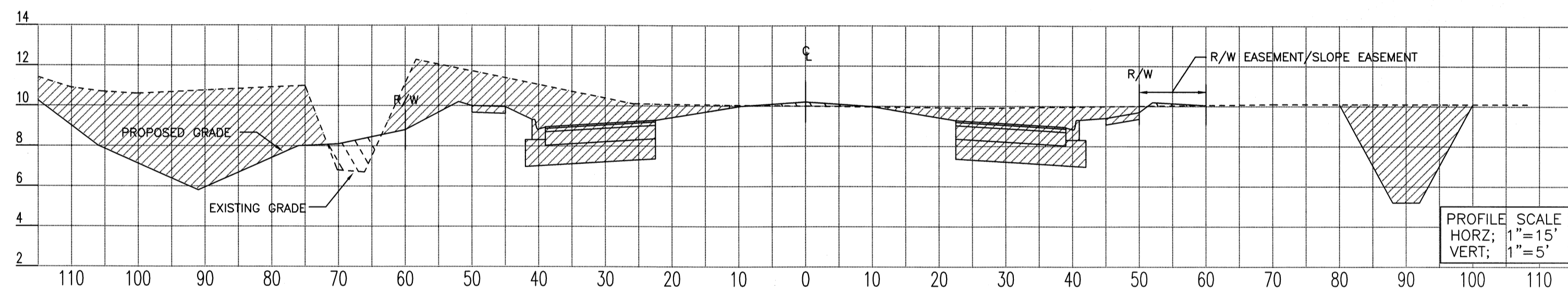
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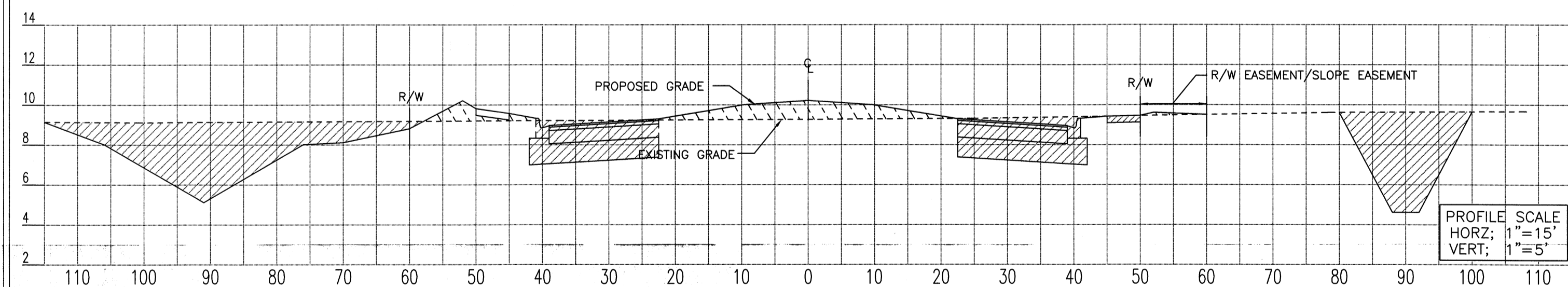
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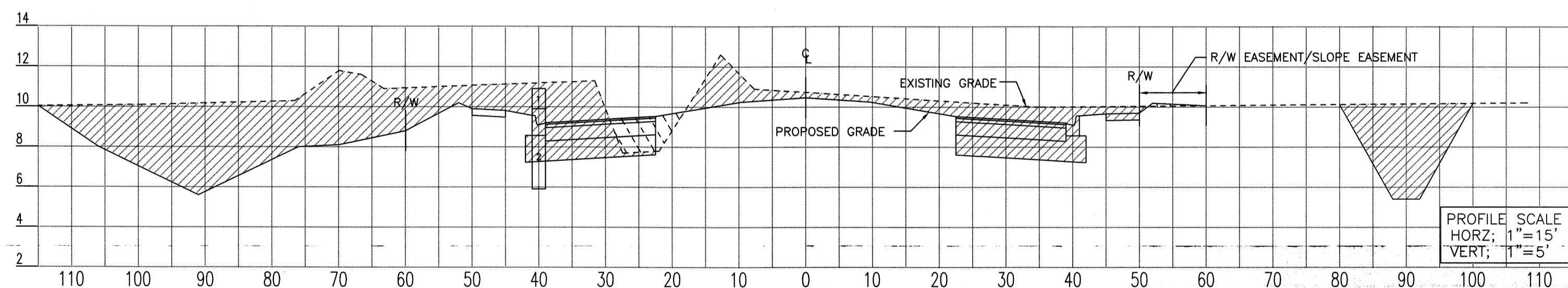
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TYPICAL ROADWAY CROSS SECTION (STA 95+00.00)



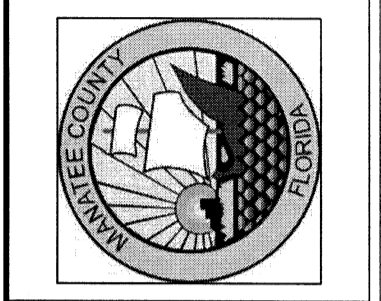
TYPICAL ROADWAY CROSS SECTION (STA 99+00.00)



TYPICAL ROADWAY CROSS SECTION (STA 94+00.00)

LEGEND		NOTES	
	RIGHT OF WAY LINE		SIDEWALK CROSS-SLOPE NOT TO EXCEED 2.0% AND NOT BE LESS THAN 1.0%
	EXISTING GRADE		MAXIMUM CROSS-SLOPE ON EMBANKMENT FILL NOT TO EXCEED 4:1. CONTRACTOR TO UTILIZE PROPOSED GROUND GRADES PROVIDED IN PLAN VIEW ON SHEETS #6 THRU #15 FOR FINISHED GRADE LINE ELEVATIONS.
	FINISHED GRADE		ALL PROPOSED GROUND GRADES TO BE FINISHED GRADE AFTER SOD HAS BEEN INSTALLED. CONTRACTOR TO PLAN ACCORDINGLY.
	EXCAVATION AREA		CONTRACTOR TO REFER TO GENERAL NOTES ON SHEET #5 FOR FILL REQUIREMENTS.
	FILL AREA		MAXIMUM OF 3" VERTICAL DIFFERENCE BETWEEN OUTER EDGE OF SIDEWALK AND THE ADJACENT GRADE BREAK LINE. USE GRADES ON SHEETS #6 THRU #15.
			ABOVE SECTIONS ARE CUT ON STATION, AND MAY NOT FULLY REPRESENT CUT & FILL REQUIREMENTS, DUE TO DITCHES, SWALES, AND BERMS CROSSING BETWEEN STATIONS. CONTRACTOR TO ACCOUNT FOR REQUIRED CUT & FILL VOLUMES ACCORDINGLY.

MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208



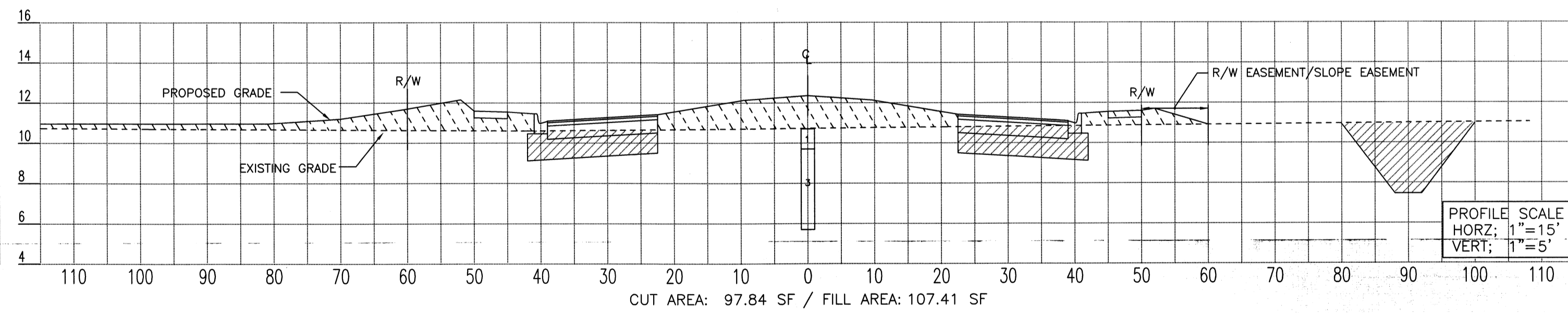
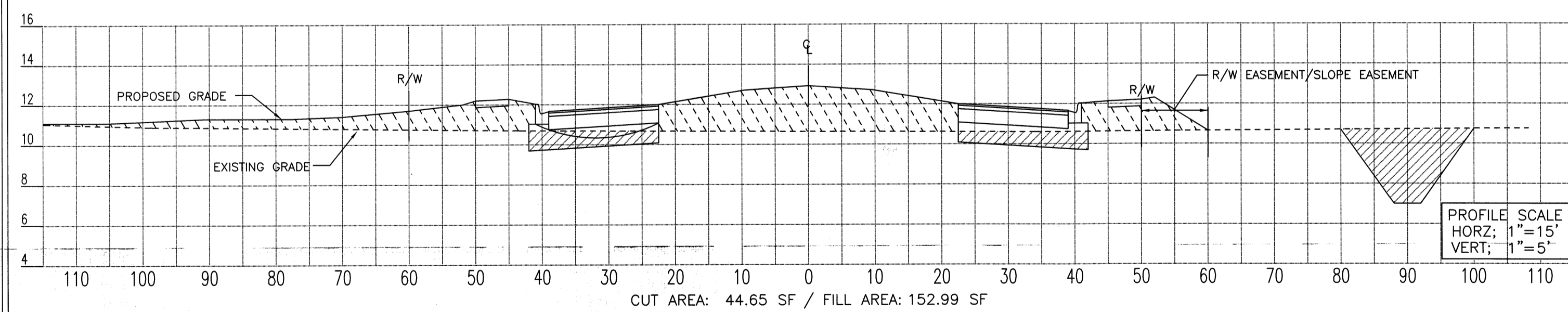
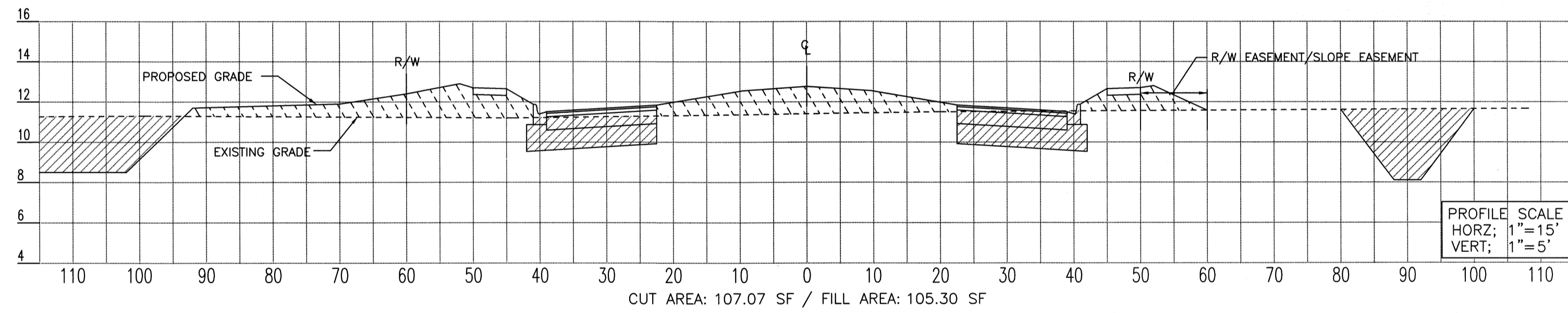
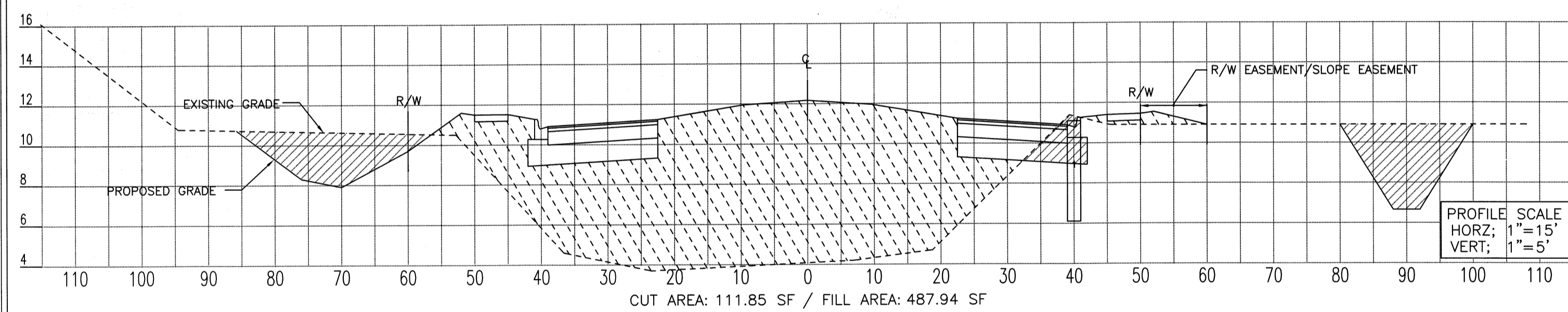
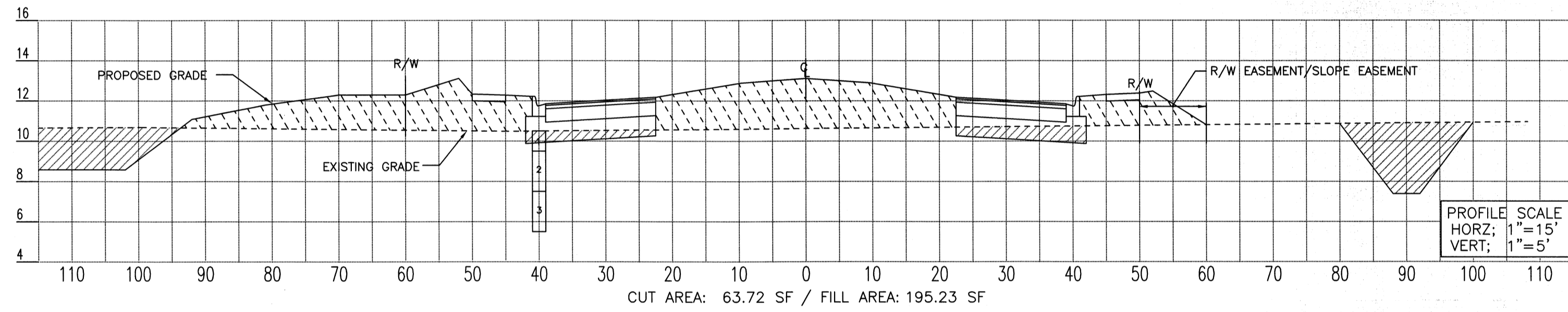
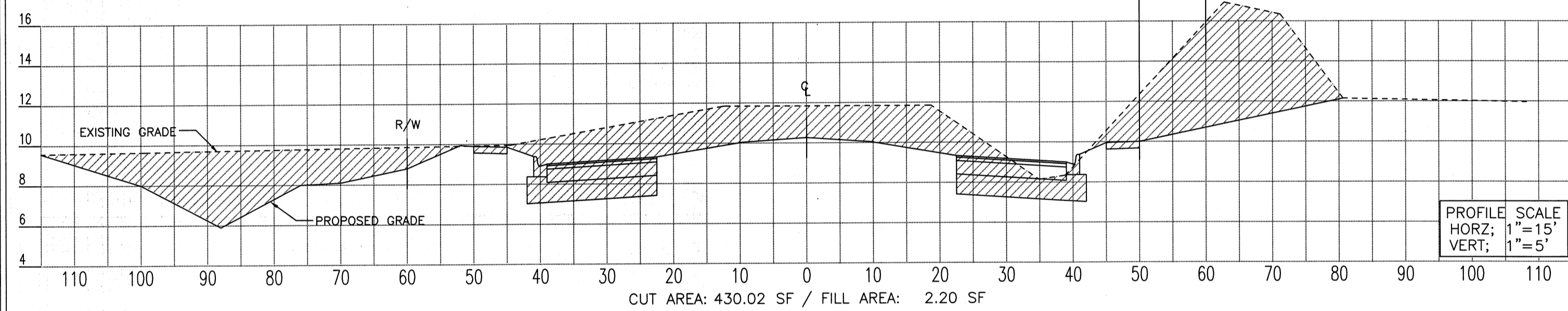
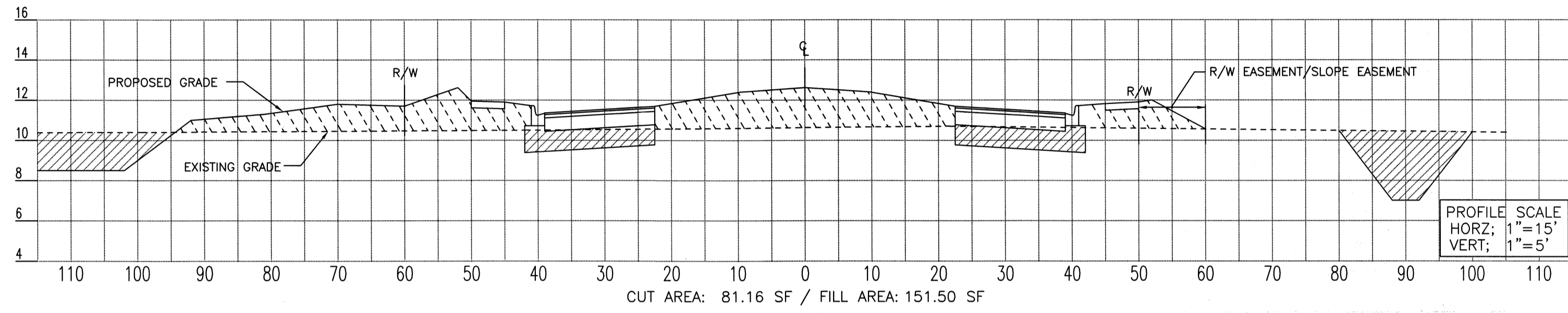
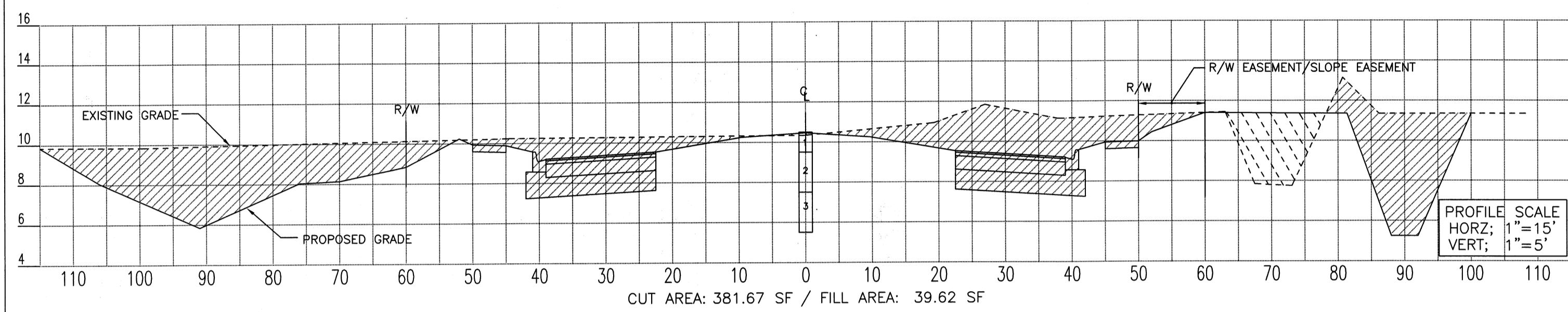
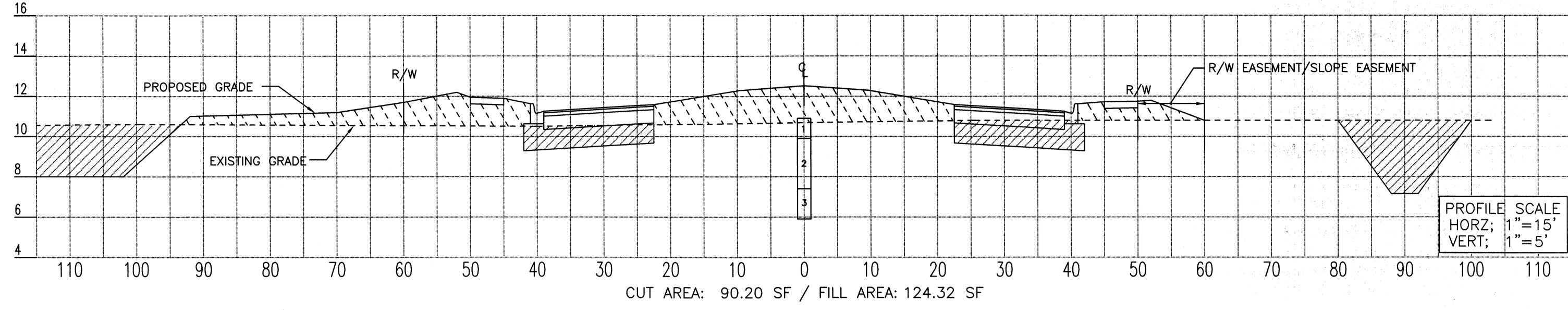
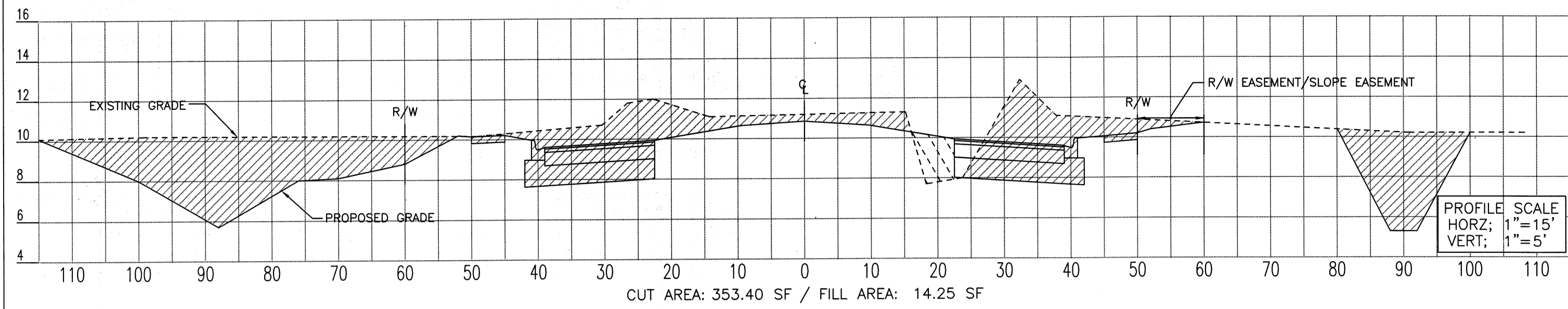
PROJECT NO. 010030	DRAWN BY J.M.W.	DATE 15 MARCH 2007
CHECKED BY C.M.J.P.	DATE 3/14	
REVISIONS		

SEAL: JAMES W. WILSON, P.E.
FLORIDA LICENSE NO. 12345
MANATEE COUNTY DEPARTMENT OF PUBLIC WORKS
1022 26TH AVENUE EAST
BRADENTON, FL 34208
DATE: 3/14/07

EL CONQUISTADOR
PARKWAY EXTENSION
PHASE II

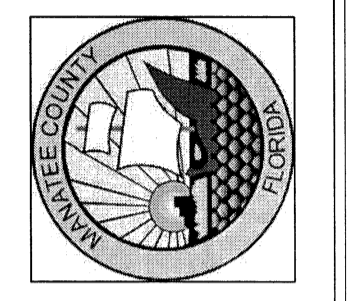
CROSS SECTIONS
STA 103+00 - STA 94+00

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LEGEND		NOTES	
---	RIGHT OF WAY LINE	---	SIDEWALK CROSS-SLOPE NOT TO EXCEED 2.0% AND NOT BE LESS THAN 1.0%
---	EXISTING GRADE	---	MAXIMUM CROSS-SLOPE ON EMBANKMENT FILL NOT TO EXCEED 4:1. CONTRACTOR TO UTILIZE PROPOSED GROUND GRADES PROVIDED IN PLAN VIEW ON SHEETS #6 THRU #15 FOR FINISHED GRADE LINE ELEVATIONS.
---	FINISHED GRADE	---	ALL PROPOSED GROUND GRADES TO BE FINISHED GRADE AFTER SOD HAS BEEN INSTALLED. CONTRACTOR TO PLAN ACCORDINGLY.
▨	EXCAVATION AREA	---	CONTRACTOR TO REFER TO GENERAL NOTES ON SHEET #5 FOR FILL REQUIREMENTS.
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		---	ABOVE SECTIONS ARE CUT ON STATION, AND MAY NOT FULLY REPRESENT CUT & FILL REQUIREMENTS, DUE TO DITCHES, SWALES, AND BERMS CROSSING BETWEEN STATIONS. CONTRACTOR TO ACCOUNT FOR REQUIRED CUT & FILL VOLUMES ACCORDINGLY.

MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVE. E.
BRADENTON, FL 34208

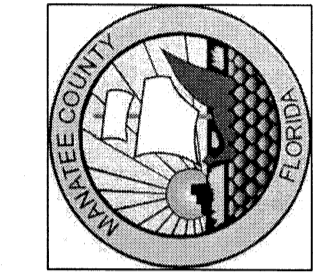


PROJECT NO.	010030	DRAWN BY	J.M.W.
CHECKED BY	U.P.-J.M.P.	DATE	15 MARCH 2007
REVISIONS			

SEARCHED
SERIALIZED
INDEXED
FILED
MAR 15 2007
FBI - TAMPA
PUBLIC WORKS DEPARTMENT
MANATEE COUNTY GOVERNMENT
1022 26TH AVE. E.
BRADENTON, FL 34208

EL CONQUISTADOR
PARKWAY EXTENSION
PHASE II

CROSS SECTIONS
STA 93+00 - STA 84+00

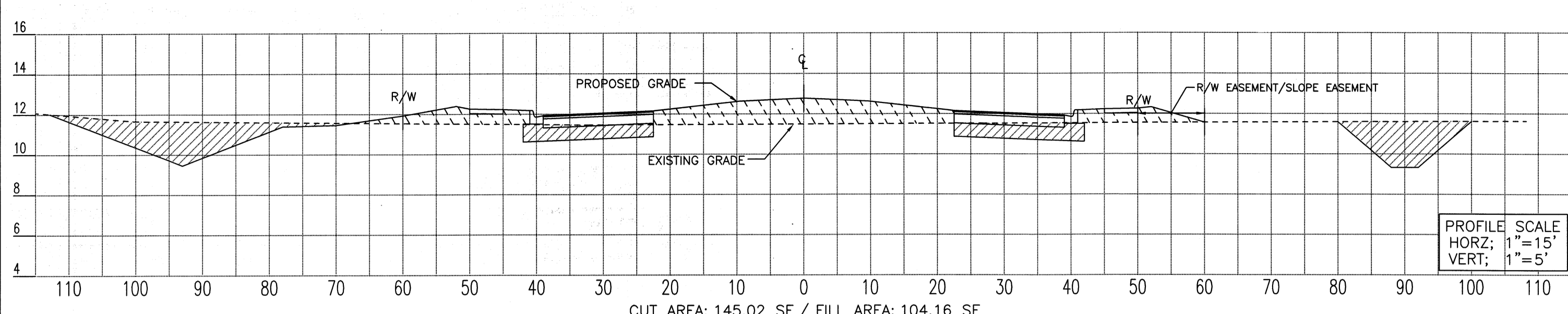


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DRAWN BY JAW
CHECKED BY JAW
DATE 15 MARCH 2007

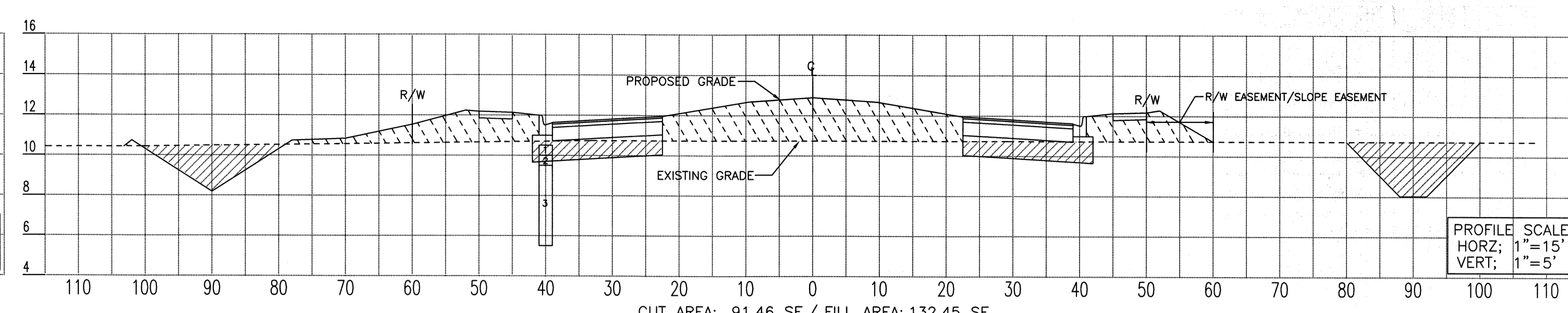
SEAL
MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
1022 26TH AVENUE EAST
BRADENTON, FL 34208
DATE 4-2-11

EL CONQUISTADOR
PARKWAY EXTENSION
PHASE II

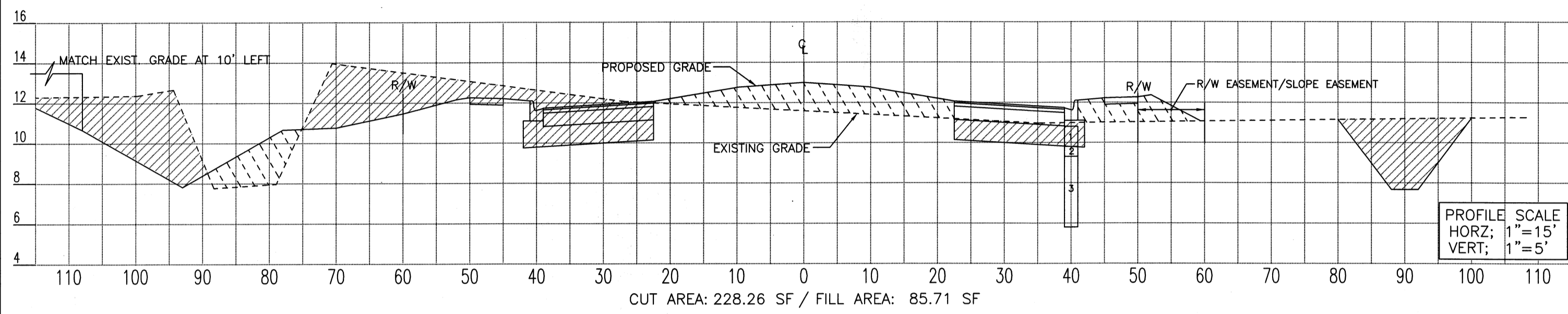
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STA 83+00 - STA 74+00



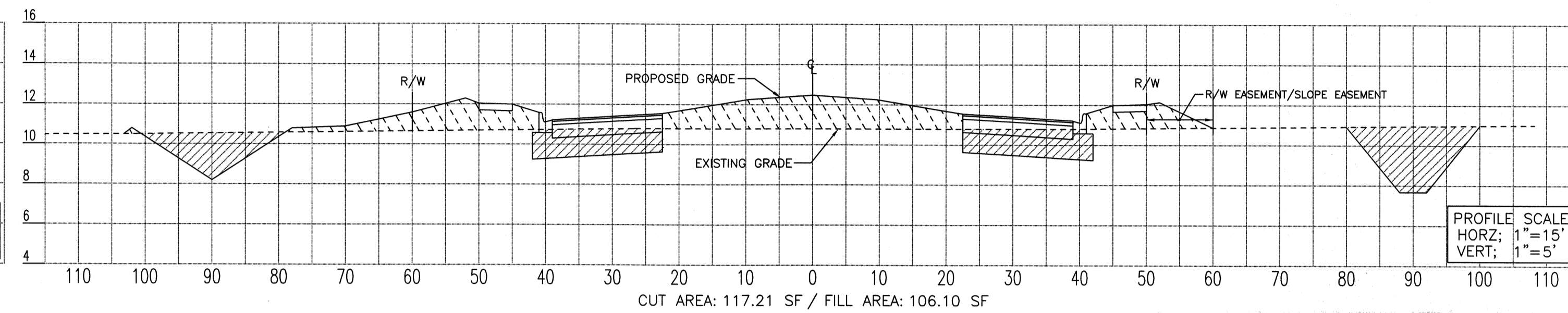
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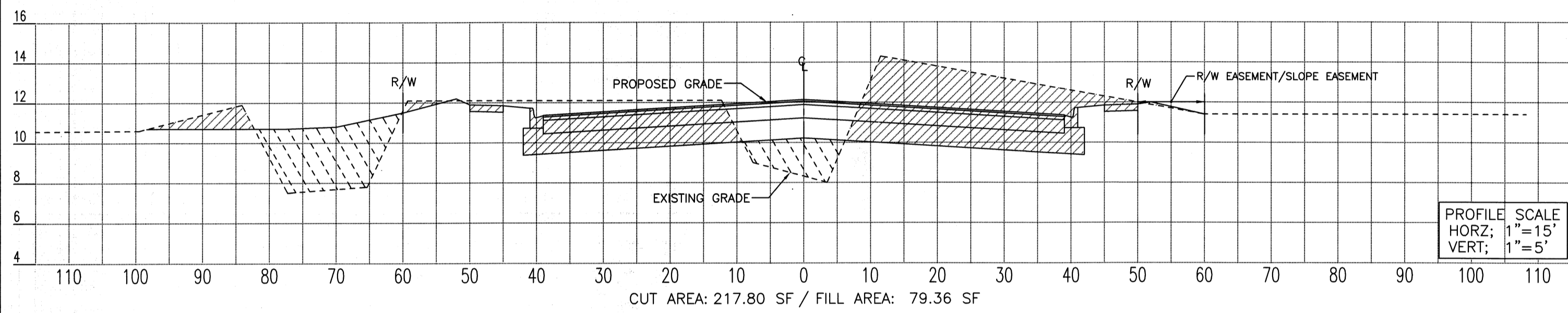
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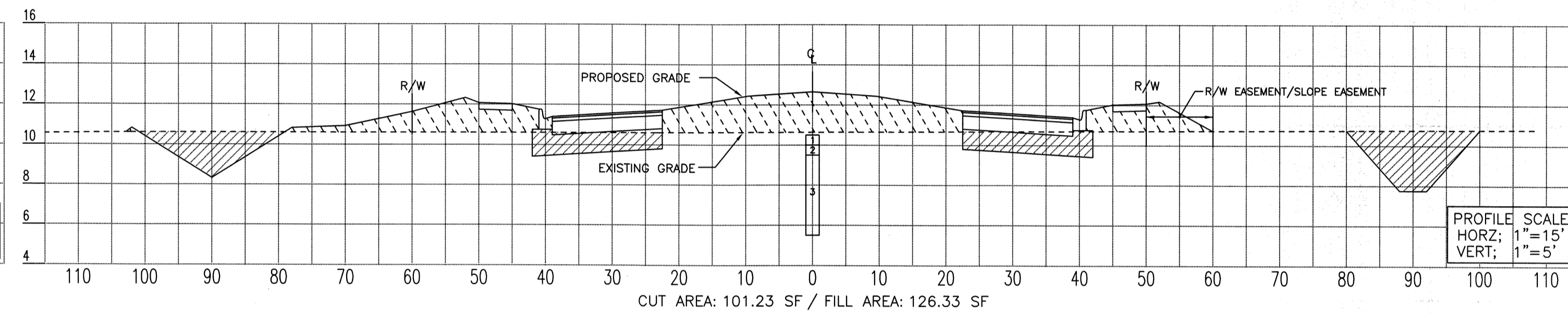
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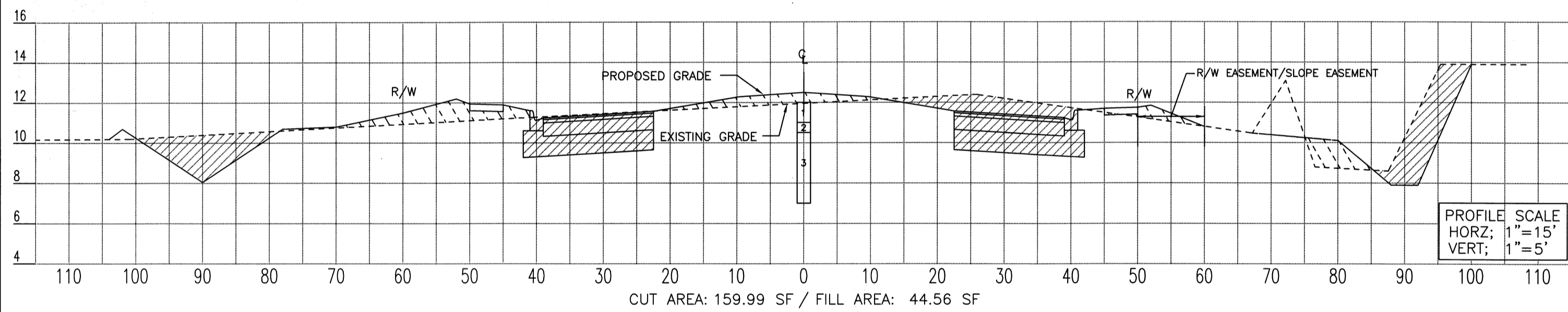
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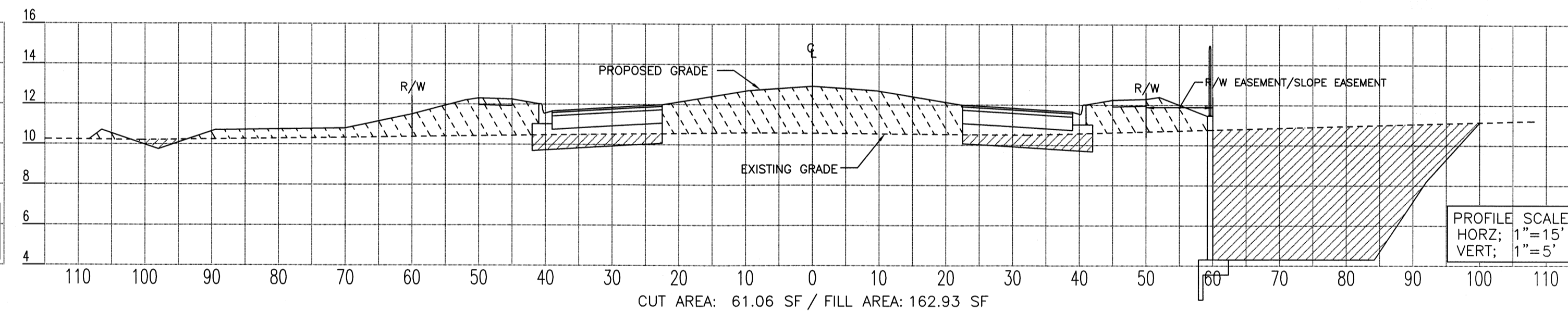
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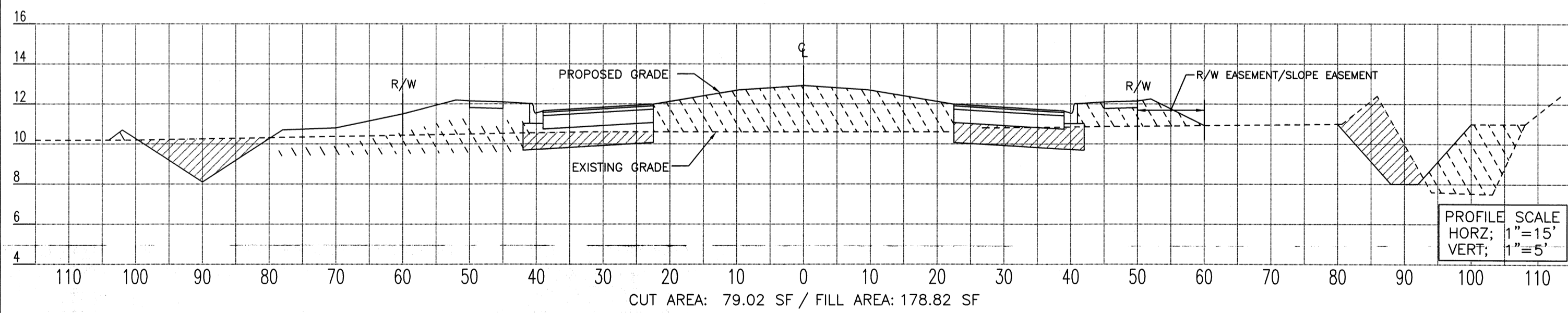
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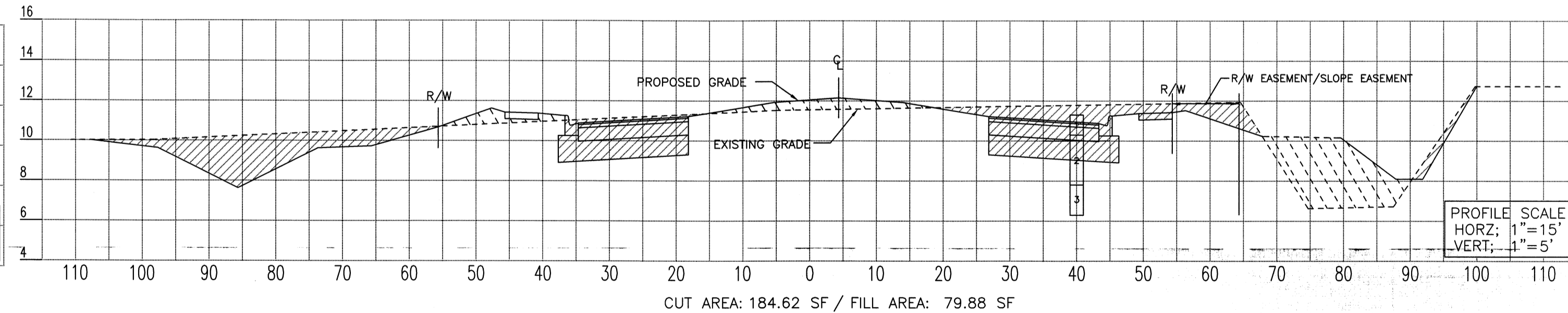
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TYPICAL ROADWAY CROSS SECTION (STA 75+00.00)

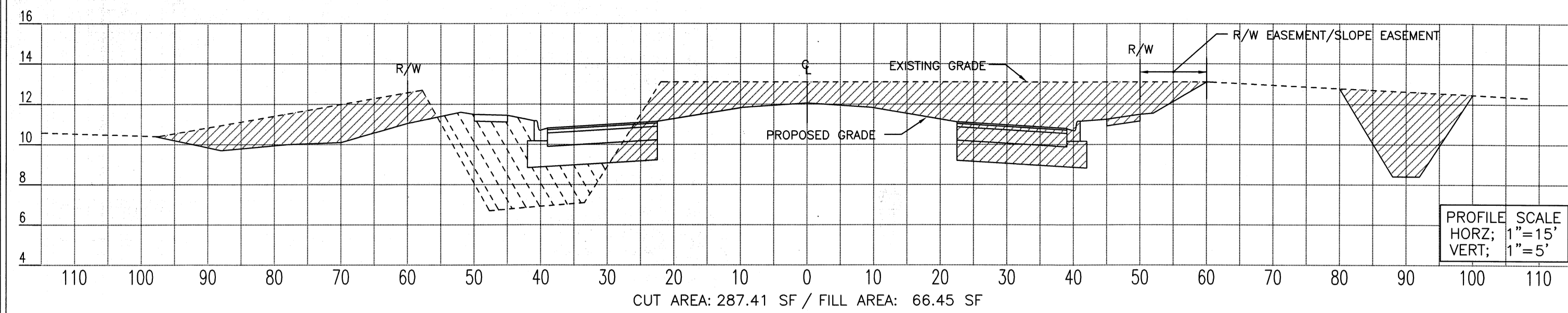


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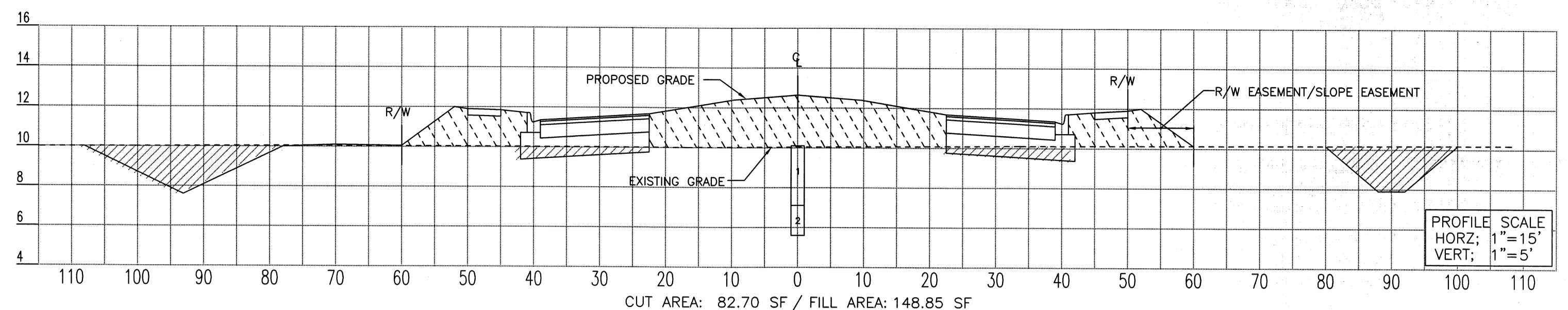


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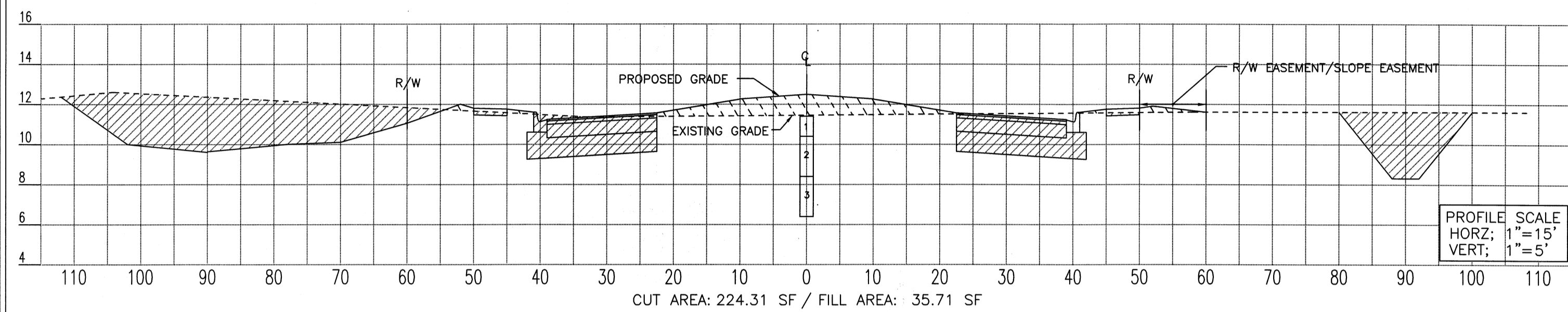
LEGEND		NOTES	
	RIGHT OF WAY LINE		SIDEWALK CROSS-SLOPE NOT TO EXCEED 2.0% AND NOT BE LESS THAN 1.0%
	EXISTING GRADE		MAXIMUM CROSS-SLOPE ON EMBANKMENT FILL NOT TO EXCEED 4:1. CONTRACTOR TO UTILIZE PROPOSED GROUND GRADES PROVIDED IN PLAN VIEW ON SHEETS #6 THRU #15 FOR FINISHED GRADE LINE ELEVATIONS.
	FINISHED GRADE		ALL PROPOSED GROUND GRADES TO BE FINISHED GRADE AFTER SOD HAS BEEN INSTALLED. CONTRACTOR TO PLAN ACCORDINGLY.
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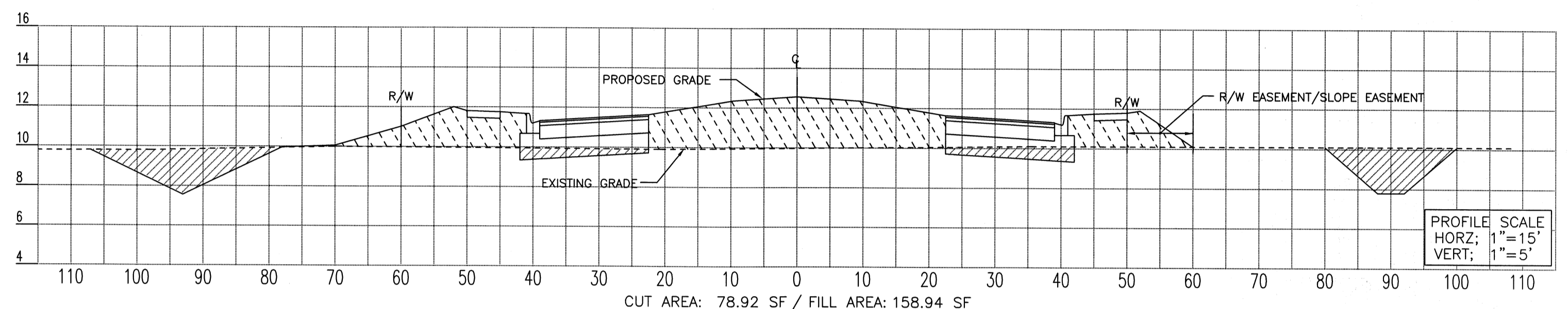
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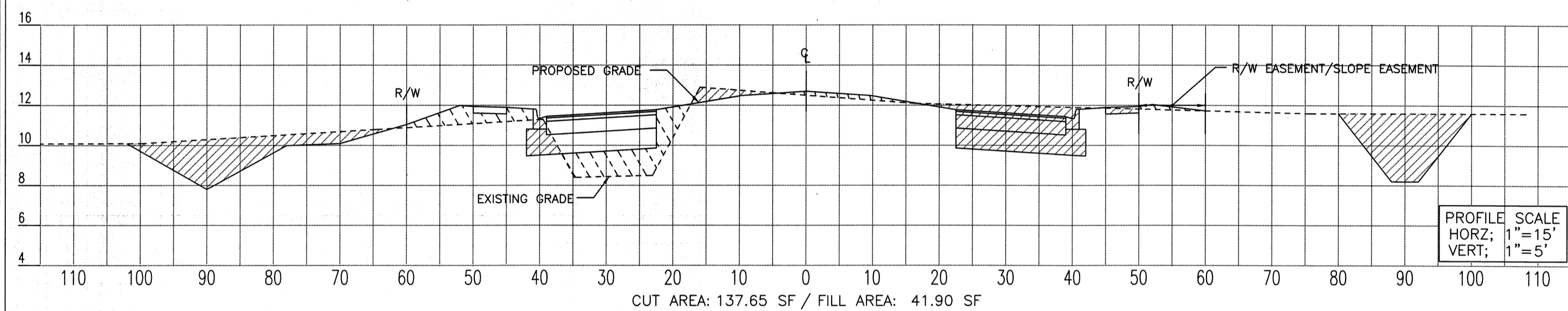
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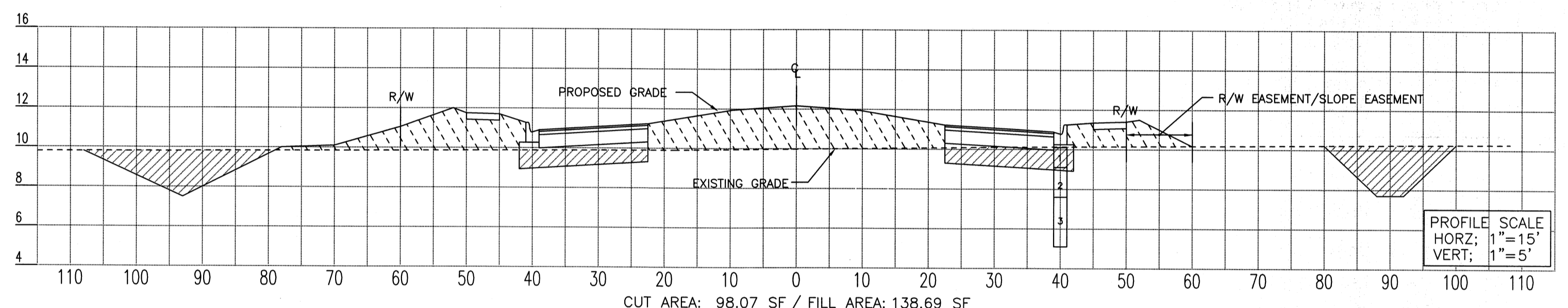
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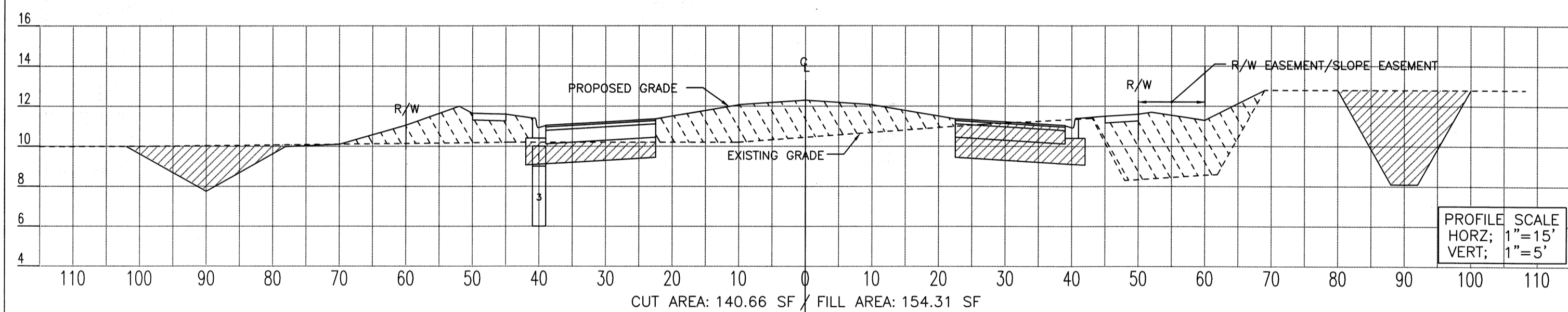
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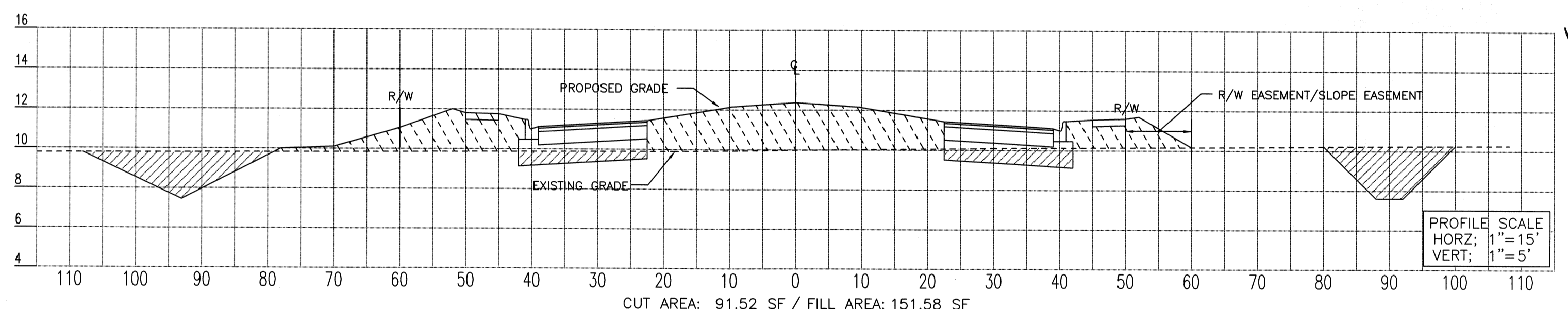
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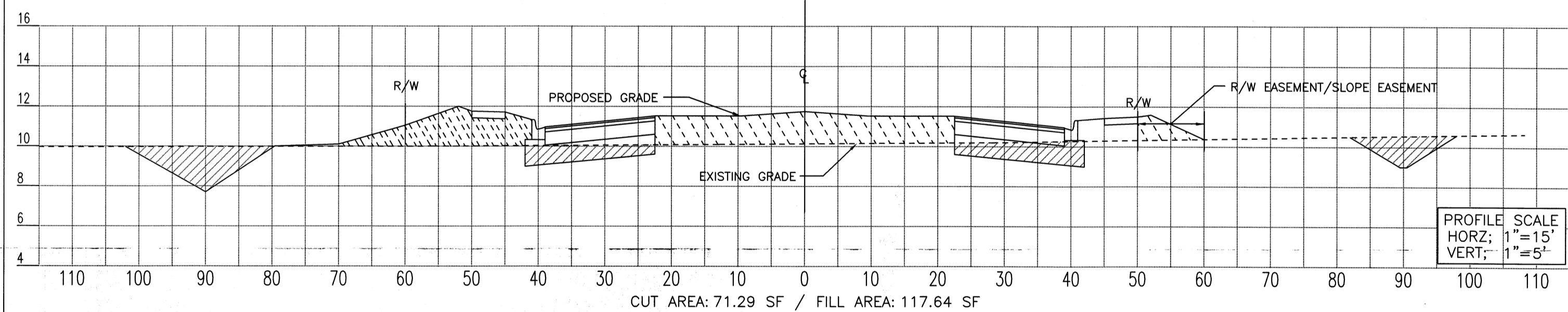
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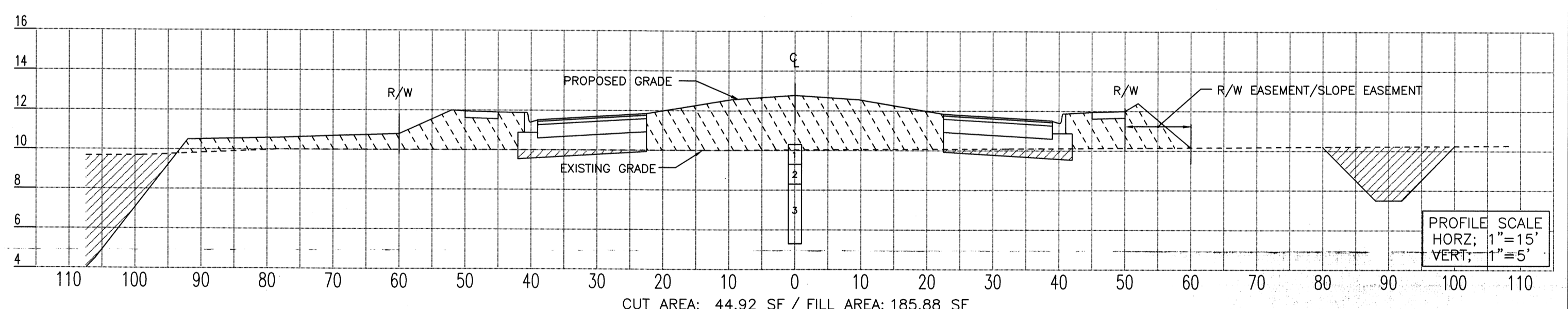
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TYPICAL ROADWAY CROSS SECTION (STA 65+00.00)



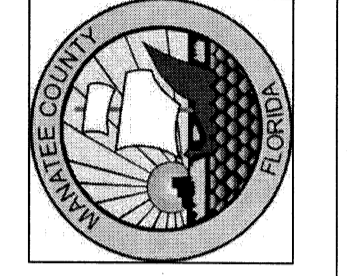
TYPICAL ROADWAY CROSS SECTION (STA 69+00.00)



TYPICAL ROADWAY CROSS SECTION (STA 64+00.00)

LEGEND		NOTES	
---	RIGHT OF WAY LINE	---	SIDEWALK CROSS-SLOPE NOT TO EXCEED 2.0% AND NOT BE LESS THAN 1.0%
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MANATEE COUNTY
PUBLIC WORKS DEPARTMENT
10222 26TH AVE. E.
BRADENTON, FL 34208

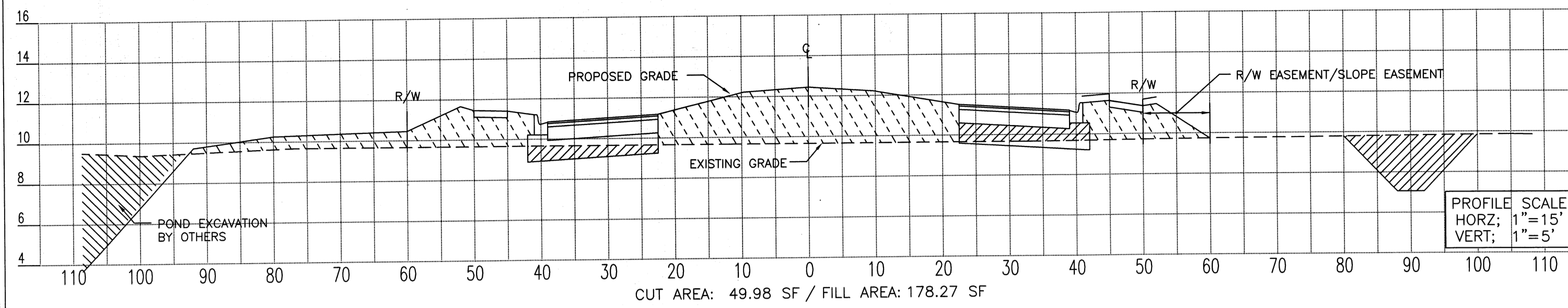


PROJECT NO. 010330	DRAWN BY: J.M.M.
CHECKED BY: J.M.M.	DATE: 15 MARCH 2007
REVISIONS	DATE

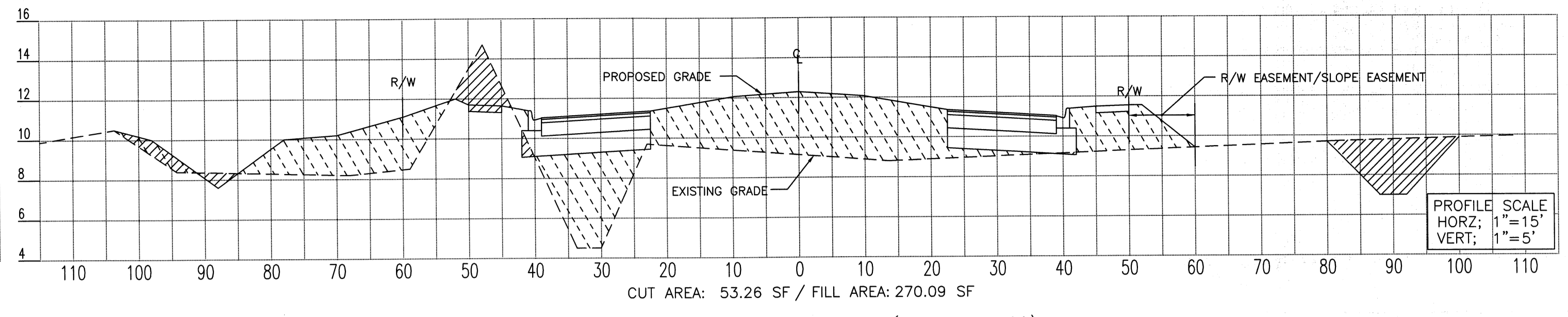
SEAL OF JAMES M. MURPHY
COUNTY ENGINEER
MANATEE COUNTY, FLORIDA
PUBLIC WORKS DEPARTMENT
10222 26TH AVE. E.
BRADENTON, FL 34208

EL CONQUISTADOR
PARKWAY EXTENSION
PHASE II

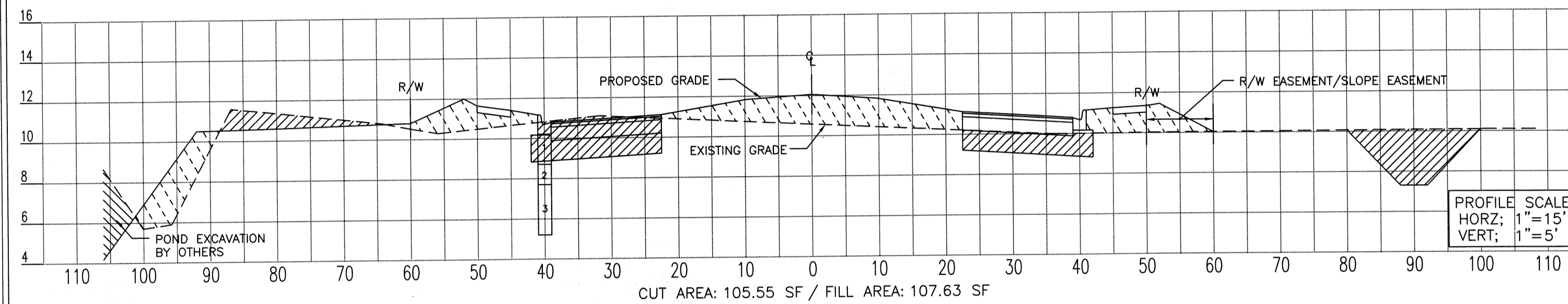
CROSS SECTIONS
STA 73+00 - STA 64+00



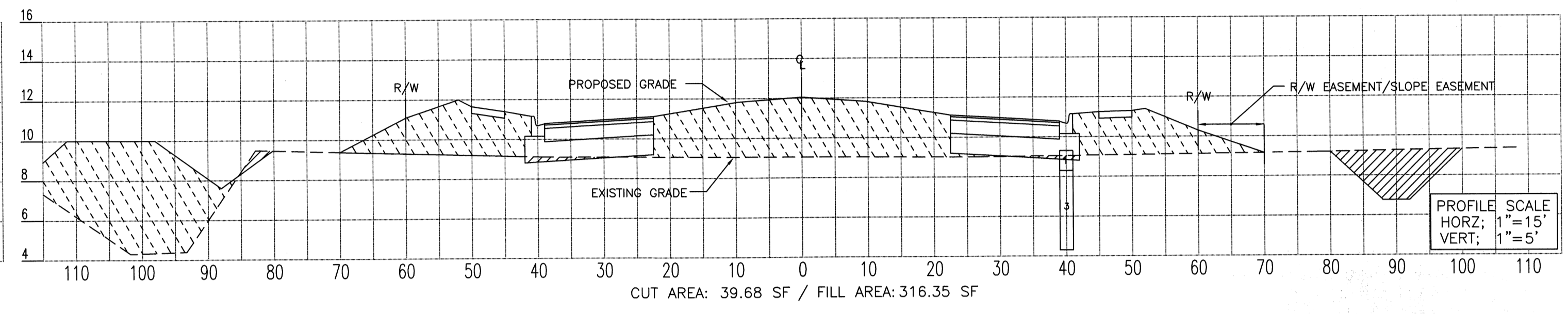
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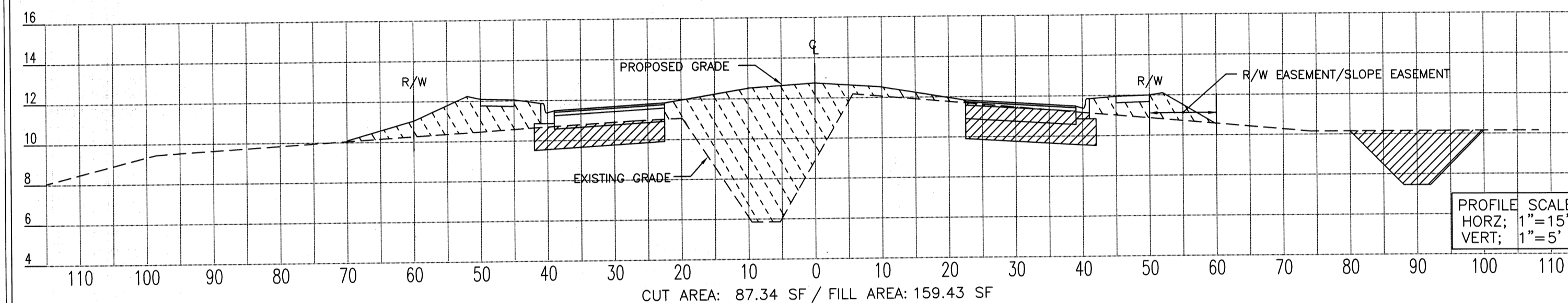
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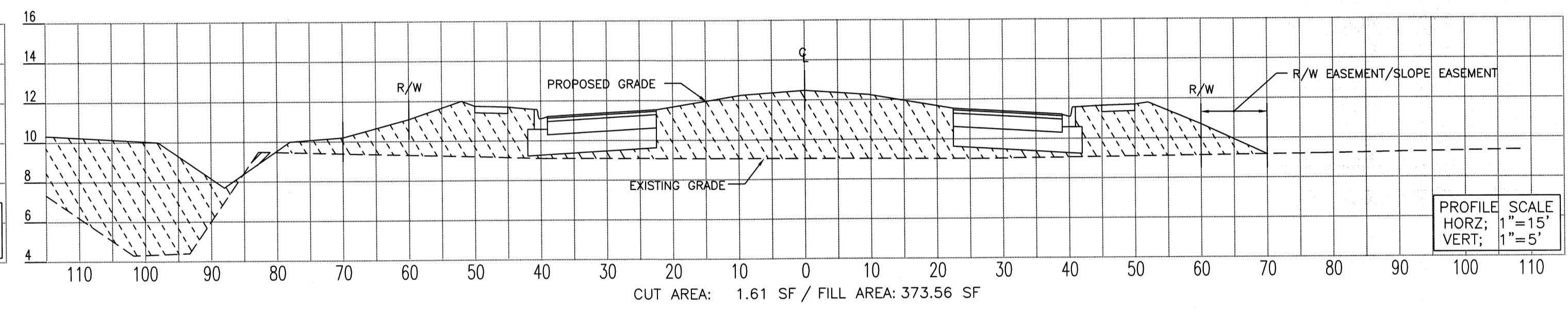
TYPICAL ROADWAY CROSS SECTION (STA 62+00.00)



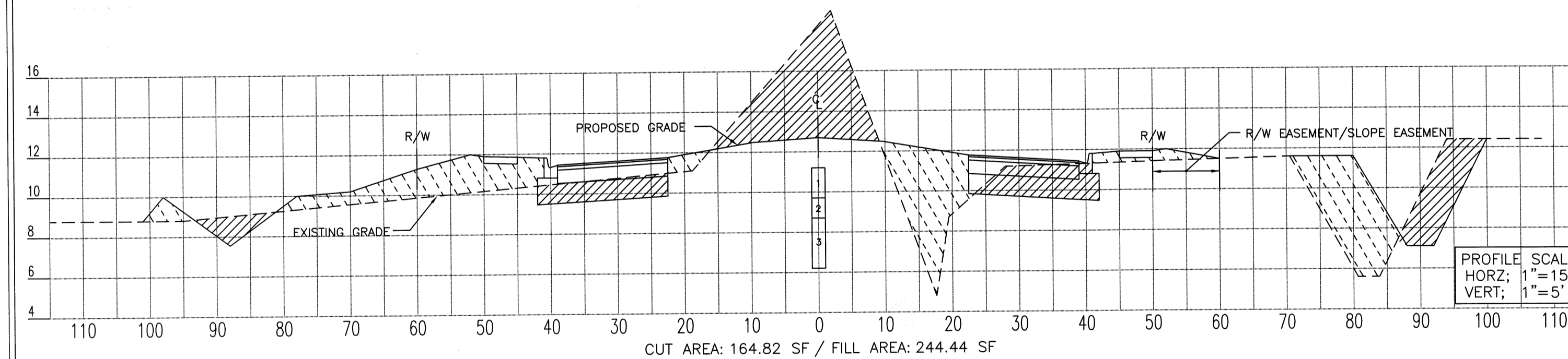
TYPICAL ROADWAY CROSS SECTION (STA 58+00.00)



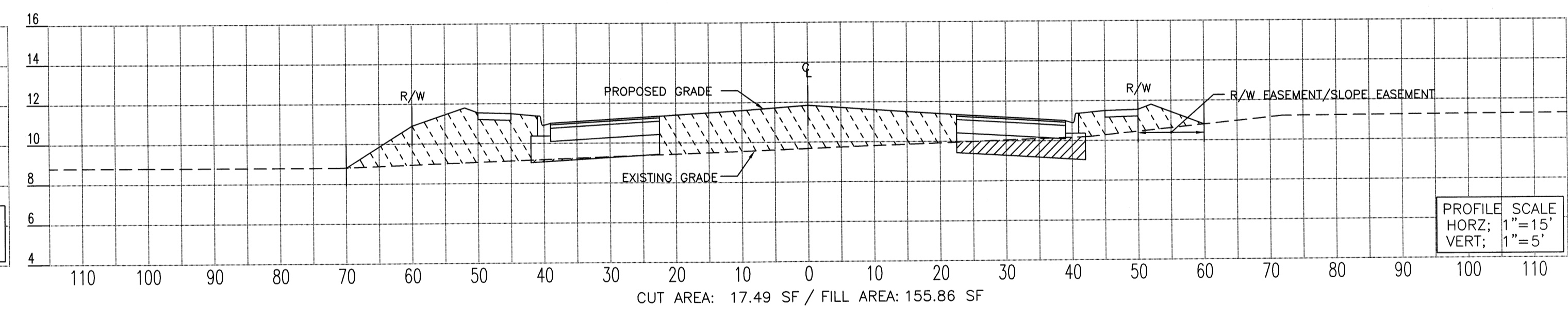
TYPICAL ROADWAY CROSS SECTION (STA 61+00.00)



TYPICAL ROADWAY CROSS SECTION (STA 57+00.00)



TYPICAL ROADWAY CROSS SECTION (STA 60+00.00)



TYPICAL ROADWAY CROSS SECTION (STA 56+28.44)

LEGEND

	RIGHT OF WAY LINE
	EXISTING GRADE
	FINISHED GRADE
	EXCAVATION AREA
	FILL AREA

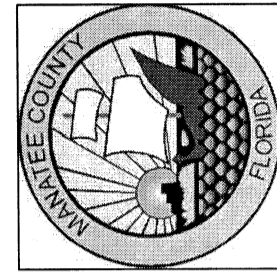
NOTES

SIDEWALK CROSS-SLOPE NOT TO EXCEED 2.0% AND NOT BE LESS THAN 1.0%
 MAXIMUM CROSS-SLOPE ON EMBANKMENT FILL NOT TO EXCEED 4:1. CONTRACTOR TO UTILIZE PROPOSED GROUND GRADES PROVIDED IN PLAN VIEW ON SHEETS #6 THRU #15 FOR FINISHED GRADE LINE ELEVATIONS.
 ALL PROPOSED GROUND GRADES TO BE FINISHED GRADE AFTER SOD HAS BEEN INSTALLED. CONTRACTOR TO PLAN ACCORDINGLY.
 CONTRACTOR TO REFER TO GENERAL NOTES ON SHEET #5 FOR FILL REQUIREMENTS.
 MAXIMUM OF 3" VERTICAL DIFFERENCE BETWEEN OUTER EDGE OF SIDEWALK AND THE ADJACENT GRADE BREAK LINE. USE GRADES ON SHEETS #6 THRU #15.
 ABOVE SECTIONS ARE CUT ON STATION, AND MAY NOT FULLY REPRESENT CUT & FILL REQUIREMENTS, DUE TO DITCHES, SWALES, AND BERMS CROSSING BETWEEN STATIONS. CONTRACTOR TO ACCOUNT FOR REQUIRED CUT & FILL VOLUMES ACCORDINGLY.

SUMMARY OF EARTHWORK (CUBIC YARDS)

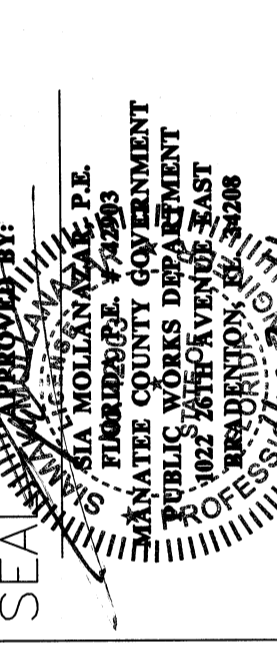
ROADWAY EXCAVATION	30,821 C.Y.
REGULAR EXCAVATION-POND #1	4,356 C.Y.
REGULAR EXCAVATION-POND #2	53,458 C.Y.
REGULAR EXCAVATION-POND #3	5,990 C.Y.
REGULAR EXCAVATION-WETLAND ENHANCEMENT	2,355 C.Y.
REGULAR EXCAVATION-PRETREATMENT SWALE	147 C.Y.
TOTAL REGULAR EXCAVATION	96,451 C.Y.
EMBANKMENT	29,369 C.Y.
EMBANKMENT-POND #1	0
EMBANKMENT-POND #2	0
EMBANKMENT-POND #3	0
TOTAL EMBANKMENT	29,364 C.Y.
SUBSOIL EXCAVATION	2,215 C.Y.
SUBSOIL EXCAVATION-POND #1	0
SUBSOIL EXCAVATION-POND #2	0
SUBSOIL EXCAVATION-POND #3	1,645 C.Y.
TOTAL SUBSOIL EXCAVATION	3,860 C.Y.

MANATEE COUNTY
 PUBLIC WORKS DEPARTMENT
 1022 26TH AVE. E.
 BRADENTON, FL 34208



PROJECT NO. 010000
 CHECKED BY JVP/JMF
 DRAWN BY J.M.W.
 DATE 15 MARCH 2007

REVISIONS



EL CONQUISTADOR
 PARKWAY EXTENSION
 PHASE II

CROSS SECTIONS
 STA 63+00 - STA 56+28

SHEET
 33
 OF