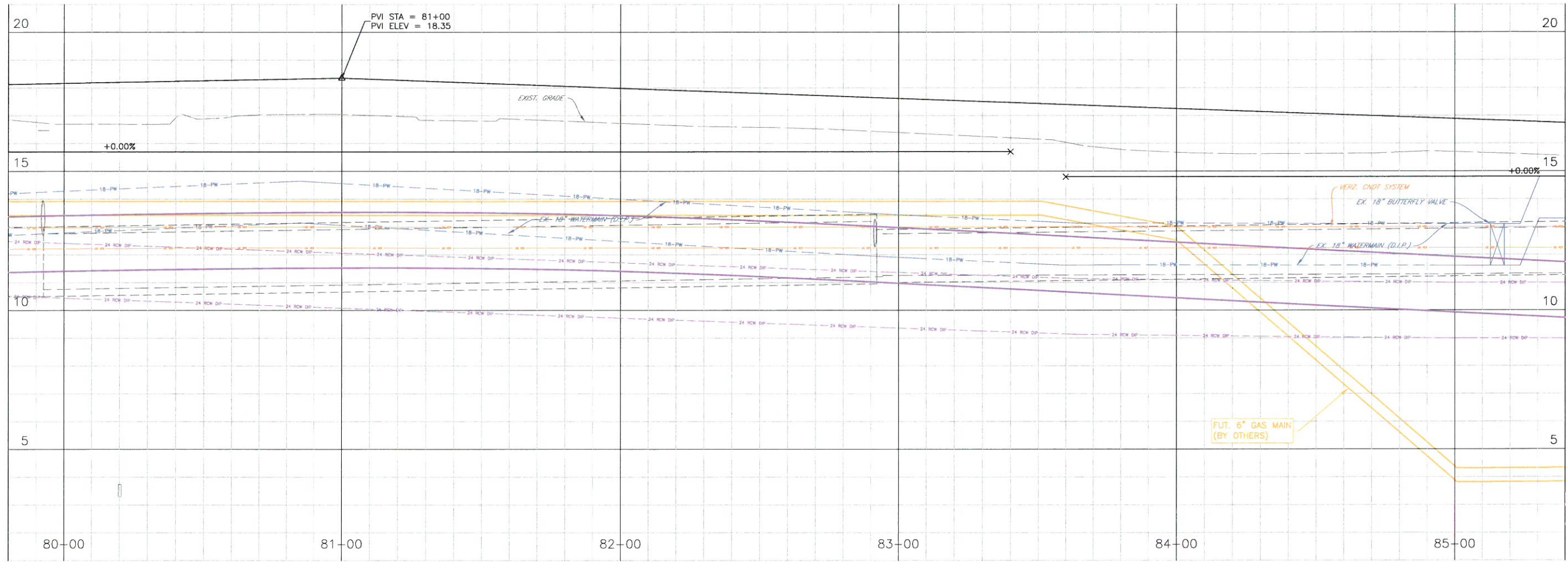
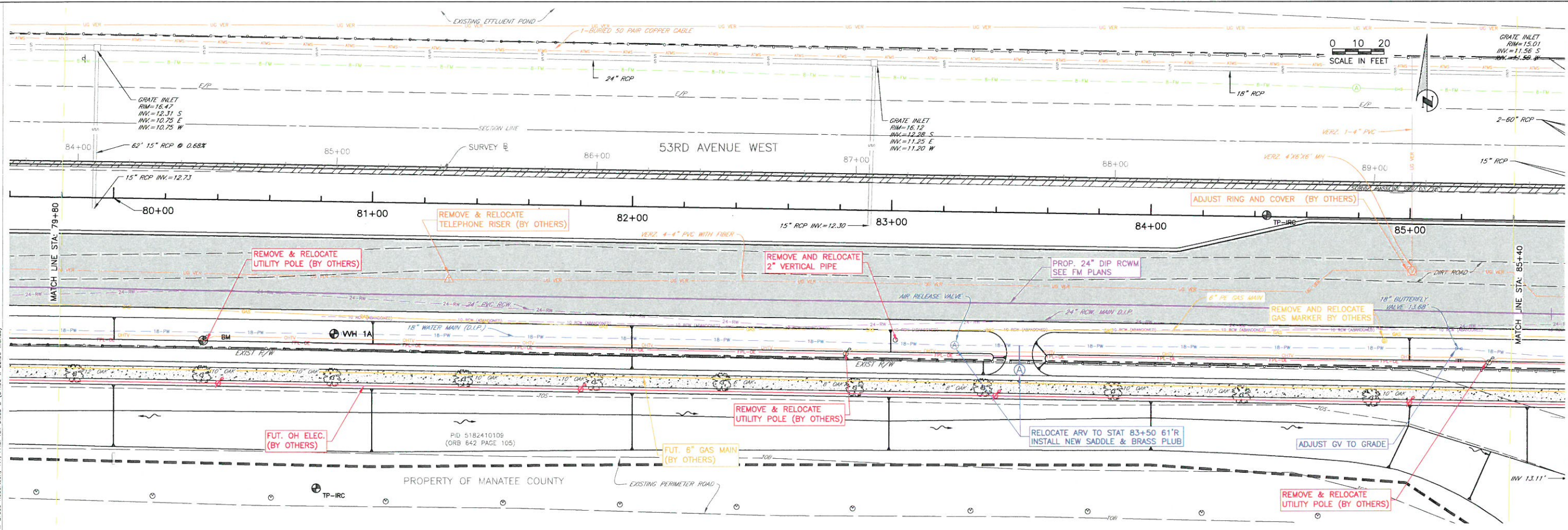


53RD AVENUE WEST
43RD ST. W. TO ROUNDABOUT
UTILITY ADJUSTMENTS



NO.	REVISION DESCRIPTION	BY	DATE

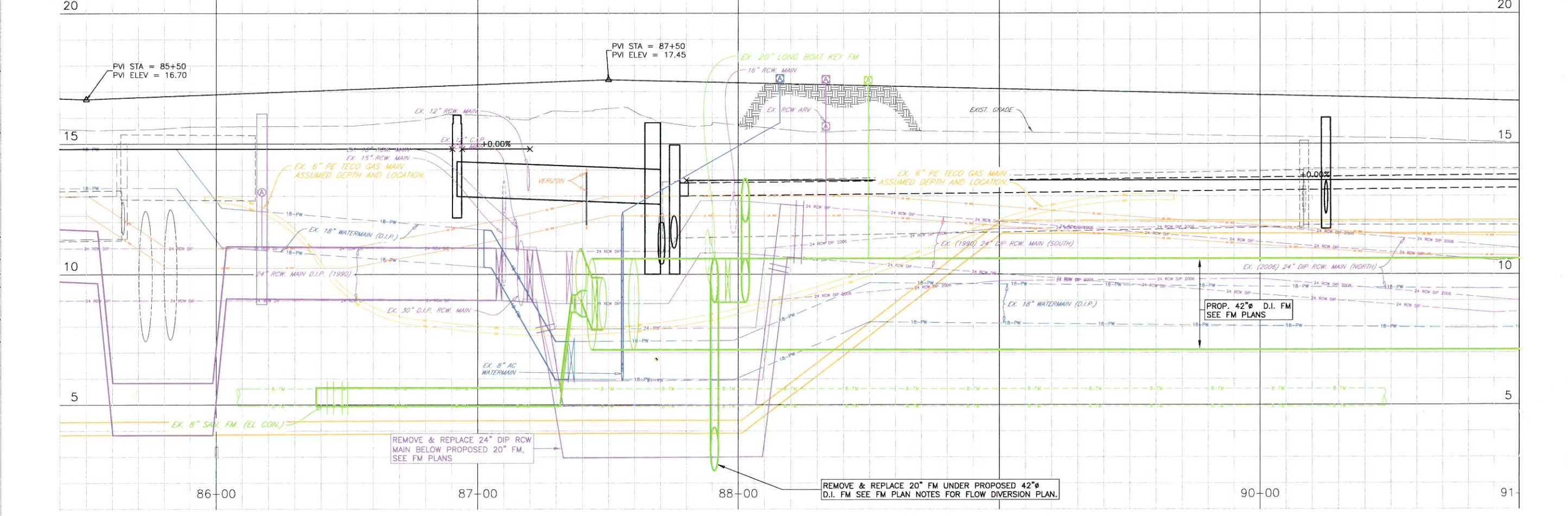
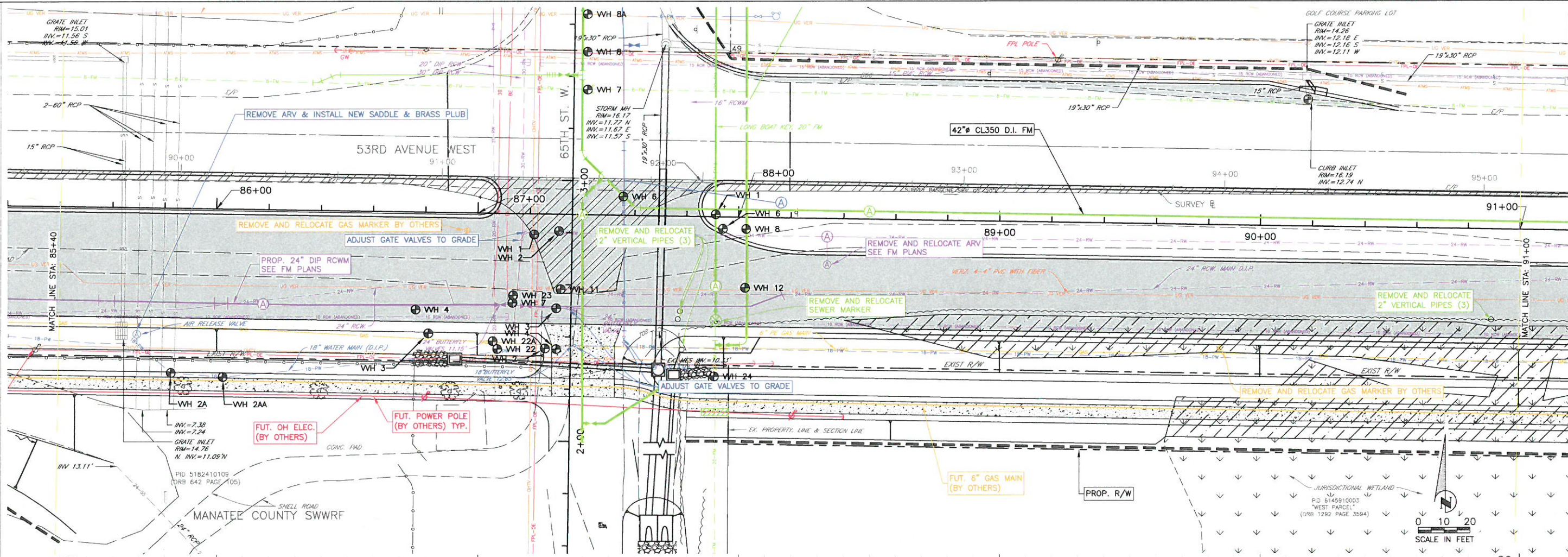
PROJECT #	383-6082960
SURVEY #	3825
SEC./TWN./RGE	16,17,18/35/17
VERT. SCALE	1"=2'
HORZ. SCALE	1"=20'
SURVEYED	BY HYATT/LSF 2001/2012
DESIGNED	BY ISF/JP 2001/2012
DRAWN	BY BLR 10/2012
CHECKED	BY CLM 02/2013

JOHN KENNEDY PARI, P.E.
FLORIDA P.E. # 56368

John Parri
10/2014
Signature & Date

COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT S:\PW\Engineering\Share\Highway_Engineering\Roads\53rd Ave W\DWG\Design\Roads\53rd Ave W\DWG.dwg 10/17/2014 3:35 PM Bruce Robertson, 11. ANSI full bleed D (34.00 x 22.00 inches)

**53RD AVENUE WEST
43RD ST. W. TO ROUNDABOUT
UTILITY ADJUSTMENTS**



NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	383-6082960
SURVEY #	3825
SEC./TWN./RGE	16,17,18/35/17
VERT. SCALE	1"=2'
HORIZ. SCALE	1"=20'

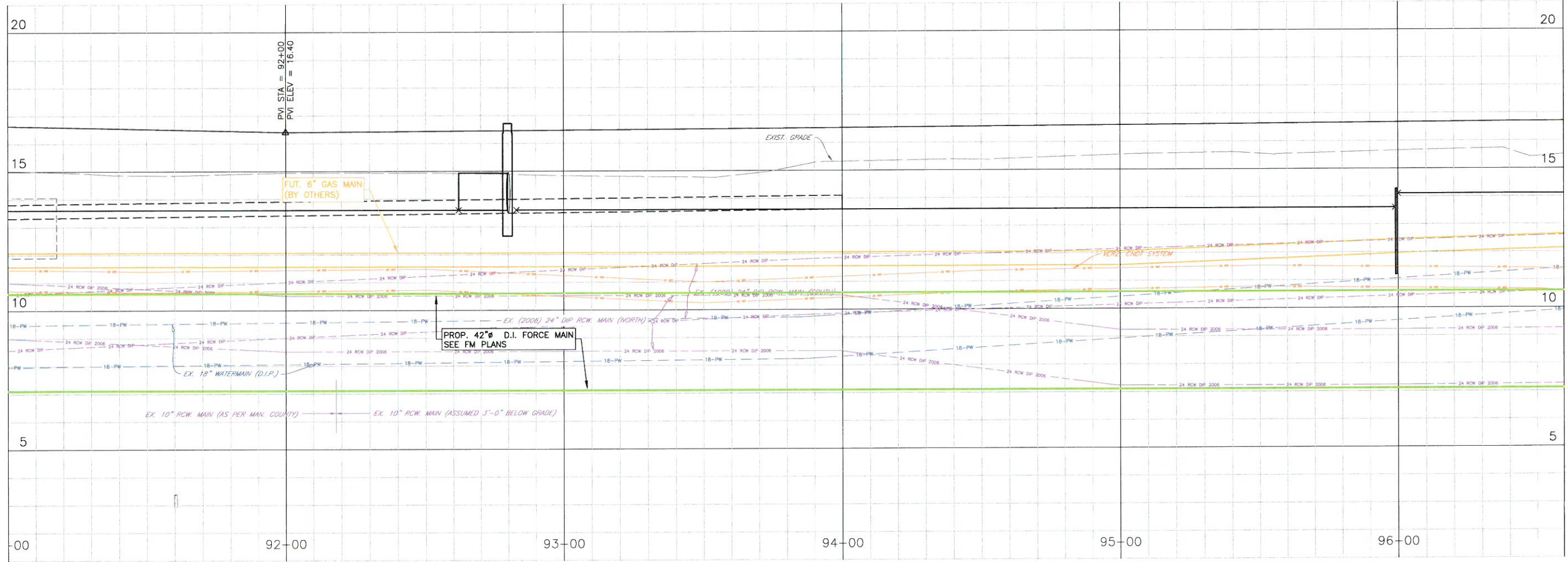
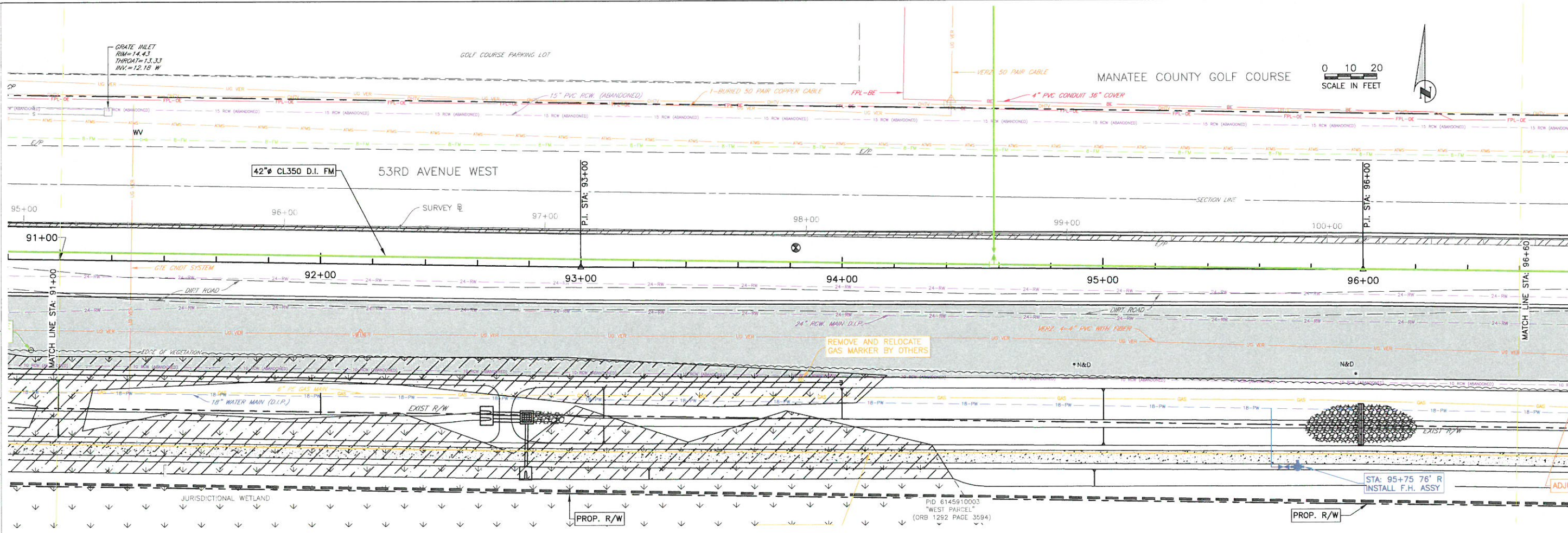
	BY	DATE
SURVEYED	HYATT/LSF	2001/2012
DESIGNED	LSF/JP	2001/2012
DRAWN	BLP	10/2012
CHECKED	CLM	02/2013

JOHN KENNEDY PARK, P.E.
FLORIDA P.E. # 56368

John Park
10/26/14
Signature & Date

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**53RD AVENUE WEST
43RD ST. W. TO ROUNDABOUT
UTILITY ADJUSTMENTS**



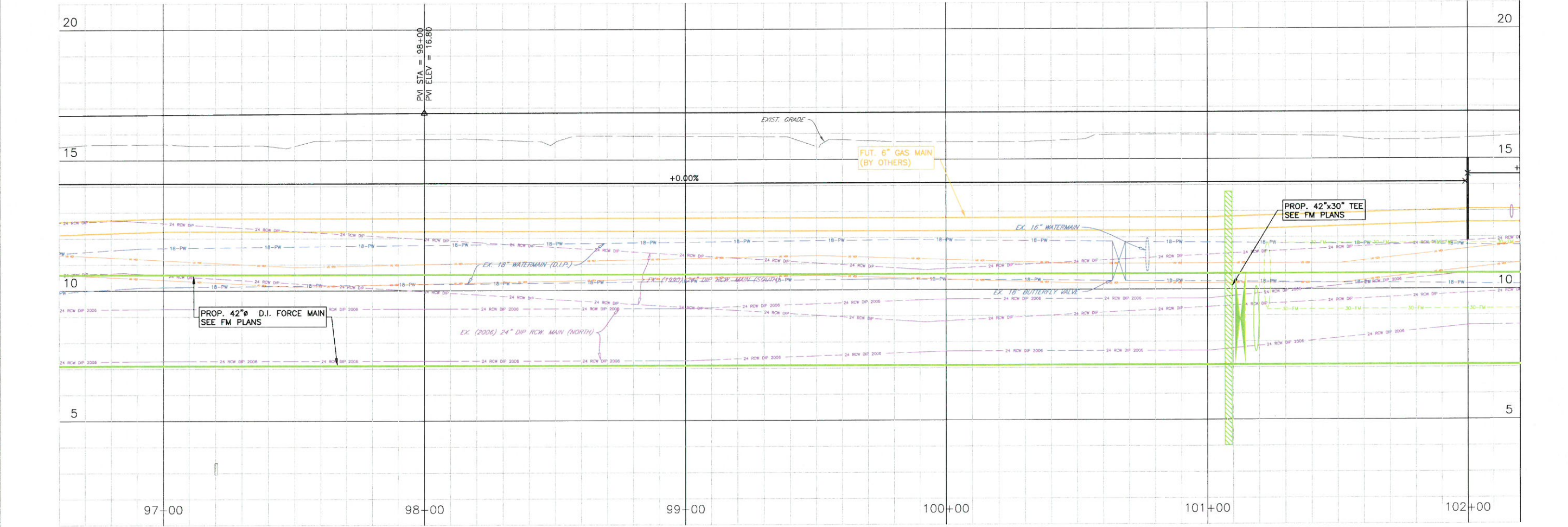
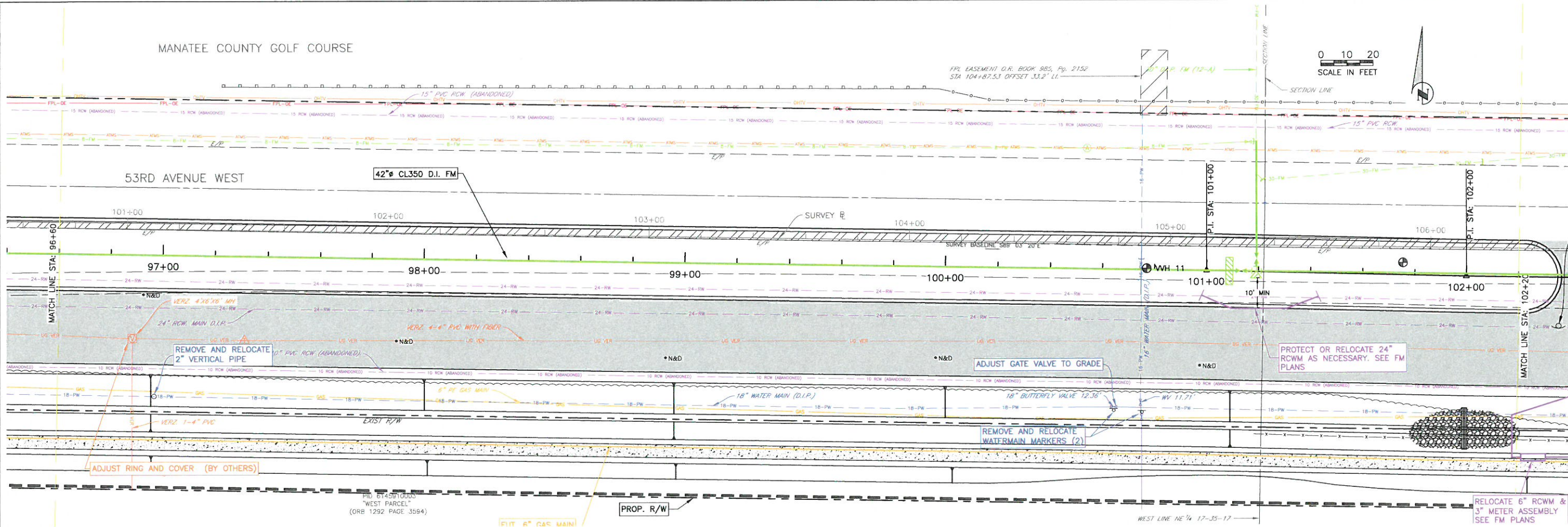
NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	383-6082960
SURVEY #	3825
SEC./TWN./RGE	16,17,18/35/17
VERT. SCALE	1"=2'
HORIZ. SCALE	1"=20'
BY	DATE
SURVEYED	HYATT/LSF 2001/2012
DRAWN	LSF/JP 2001/2012
CHECKED	BLR 10/2012
	CLM 02/2013

JOHN KENNEDY PARI, P.E.
FLORIDA P.E. # 56368

John Parri
10/20/14
Signature & Date

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**53RD AVENUE WEST
43RD ST. W. TO ROUNDABOUT
UTILITY ADJUSTMENTS**

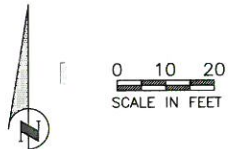
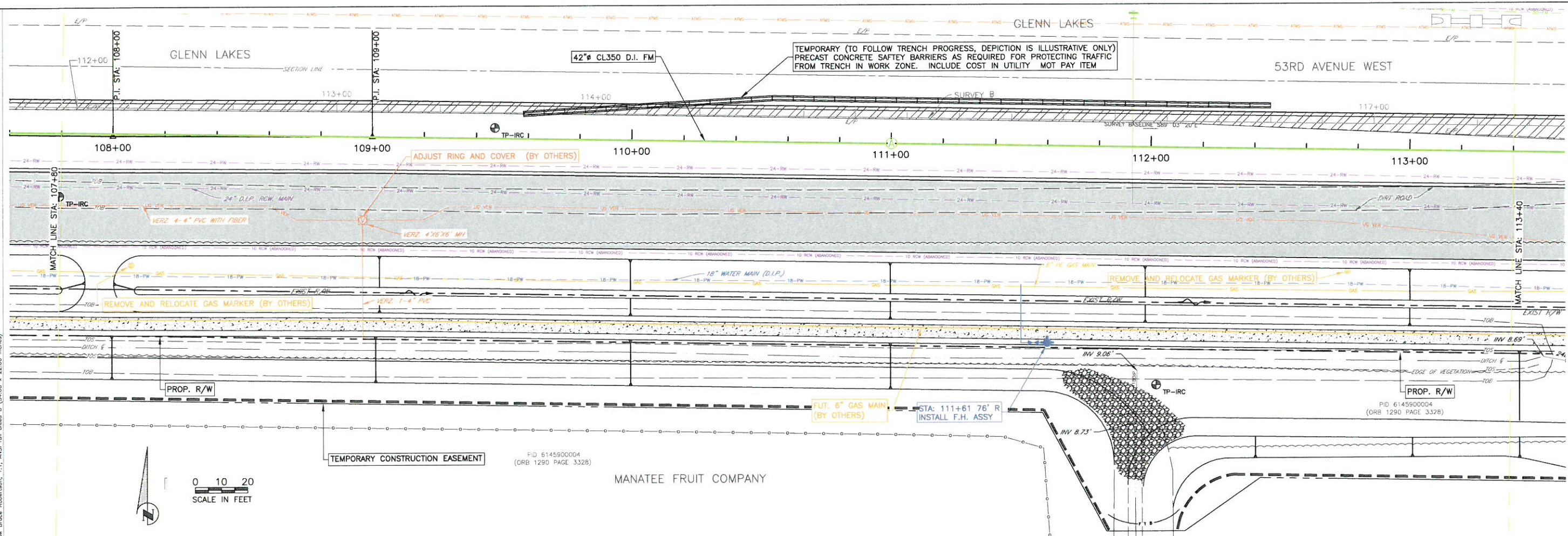
NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	383-6082960
SURVEY #	3825
SEC./TWN./RGE	16,17,18/35/17
VERT. SCALE	1"=2'
HORIZ. SCALE	1"=20'
SURVEYED	HYATT/LSF 2001/2012
DESIGNED	LSF/JP 2001/2012
DRAWN	BLR 10/2012
CHECKED	CLM 02/2013

JOHN KENNEDY PARR, P.E.
FLORIDA P.E. # 56368

John Parr
10/20/14
Signature & Date

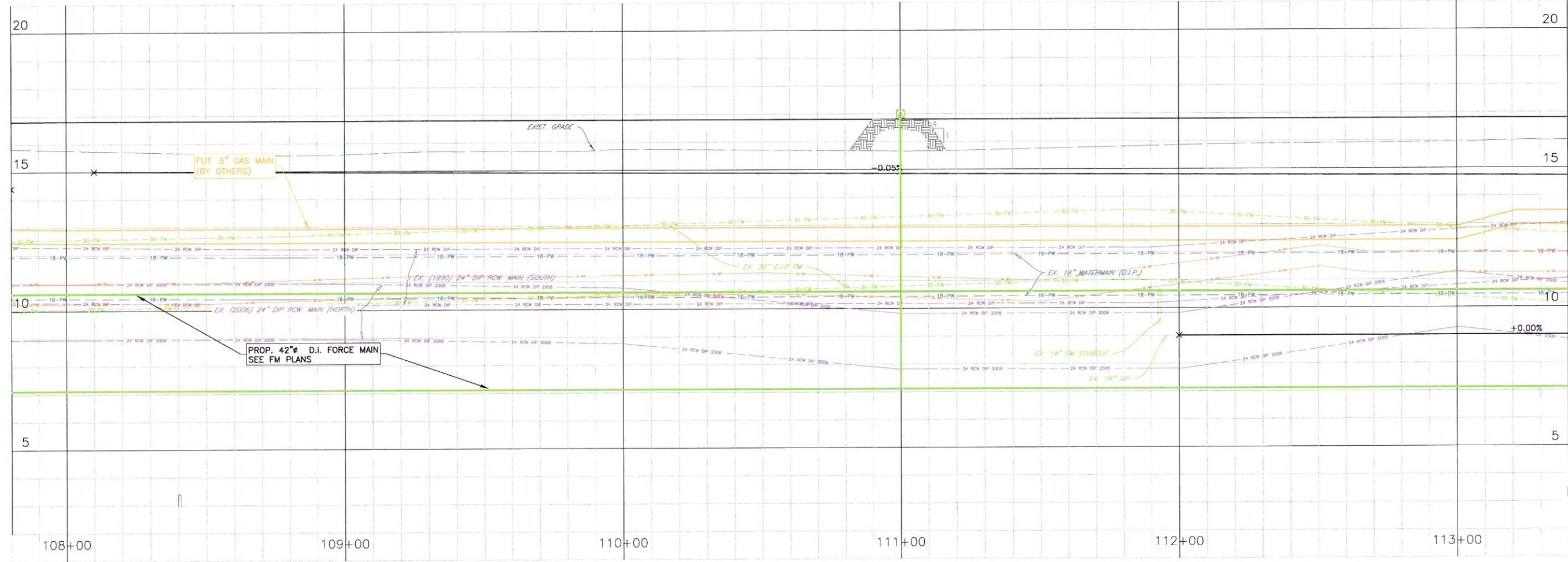
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TEMPORARY CONSTRUCTION EASEMENT
PID 614590004
(ORB 1290 PAGE 332B)

MANATEE FRUIT COMPANY

COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT s:\pww\engineering\manateefruit\highway\engineering\ROADS\53rd st w\DWG\VP_Design\53rd Ave US\dwg\50 US\ 10/17/2014 11:39 AM Bruce Robertson, L1, ANSI Full Size D (34.00 x 22.00 inches)

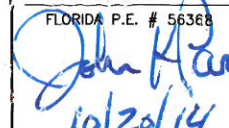


**53RD AVENUE WEST
43RD ST. W. TO ROUNDABOUT
UTILITY ADJUSTMENTS**

NO.	REVISION DESCRIPTION	BY	DATE

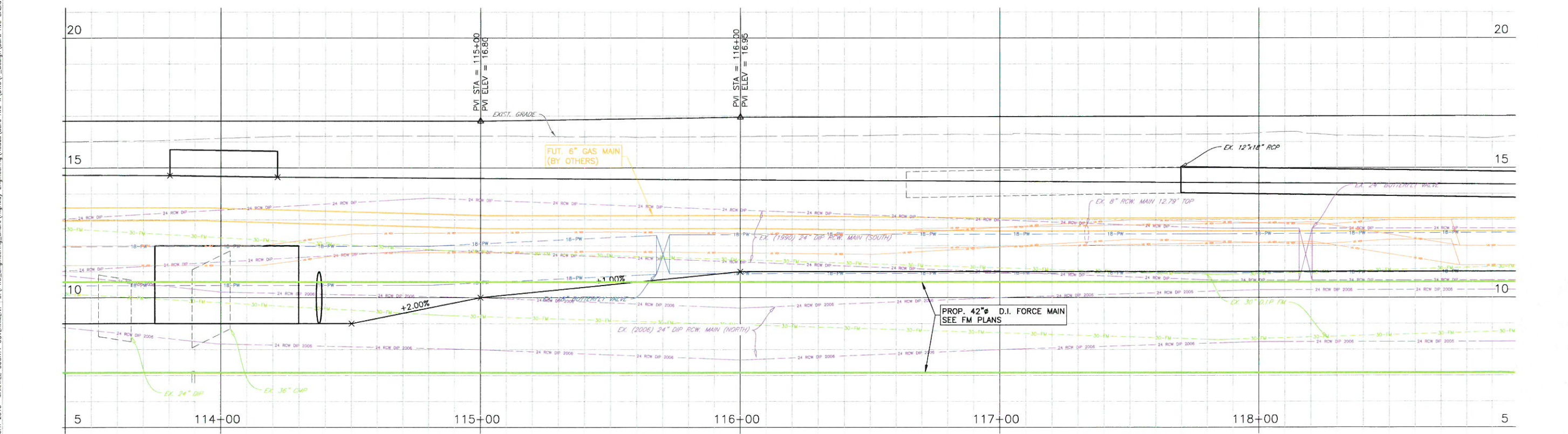
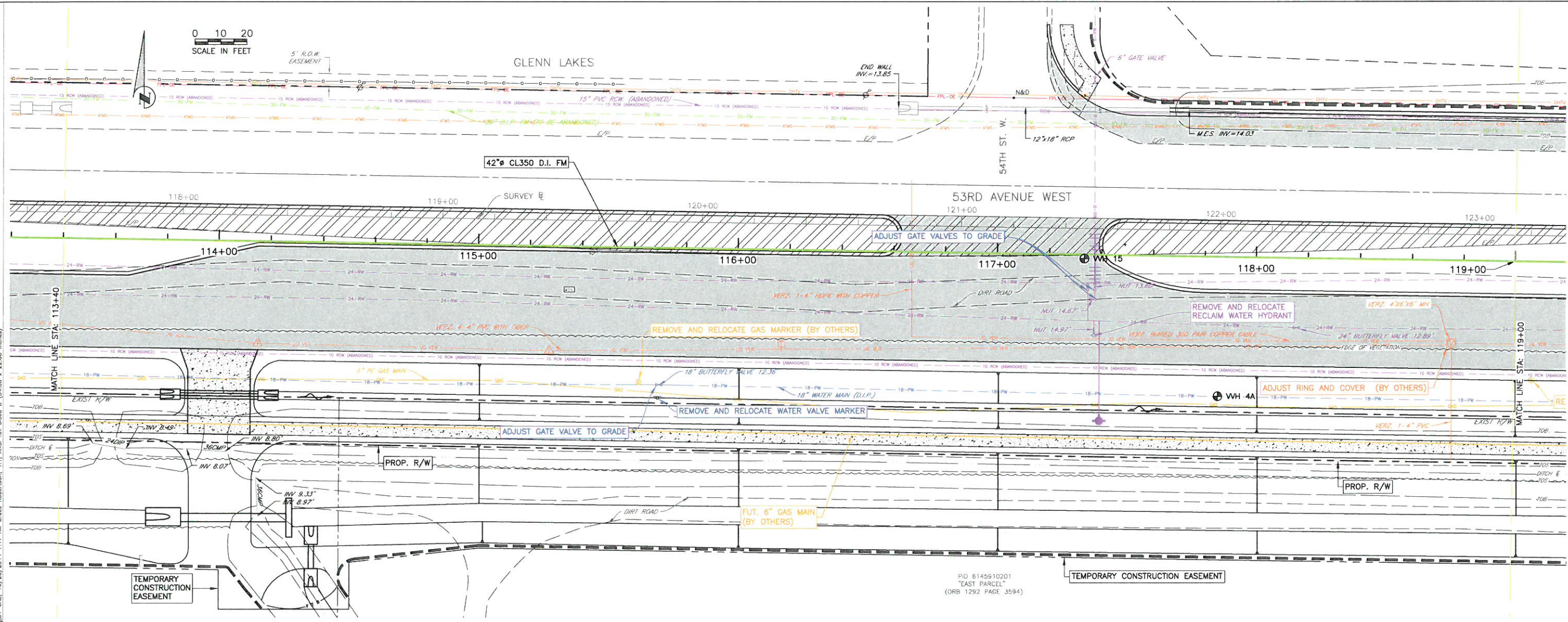
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SURVEY #	3825
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VERT. SCALE	1"=2'
HORIZ. SCALE	1"=20'
BY	DATE
SURVEYED	HYATT/LSF 2001/2012
DESIGNED	LSF/JP 2001/2012
DRAWN	BLR 10/2012
CHECKED	CLM 02/2013

JOHN KENNEDY PARI, P.E.
FLORIDA P.E. # 56368



10/20/14
Signature & Date

53RD AVENUE WEST
43RD ST. W. TO ROUNDABOUT
UTILITY ADJUSTMENTS

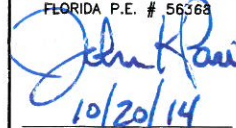


COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT S:\P\DWG\Engineering\Shore Highway Engineering\Roads\53rd Ave W\DWG\Design\53rd Ave W\DWG.dwg 10/20/2014 7:17 AM Bruce Robertson, T.I., ANSI Full Breed D (34.00 x 22.00 inches)

NO.	REVISION DESCRIPTION	BY	DATE

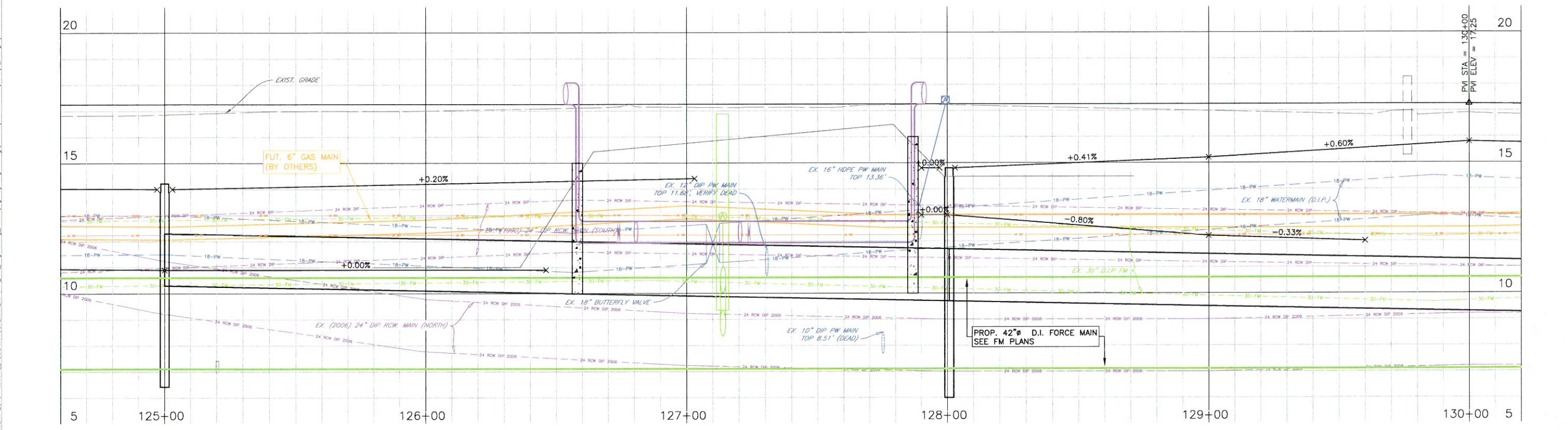
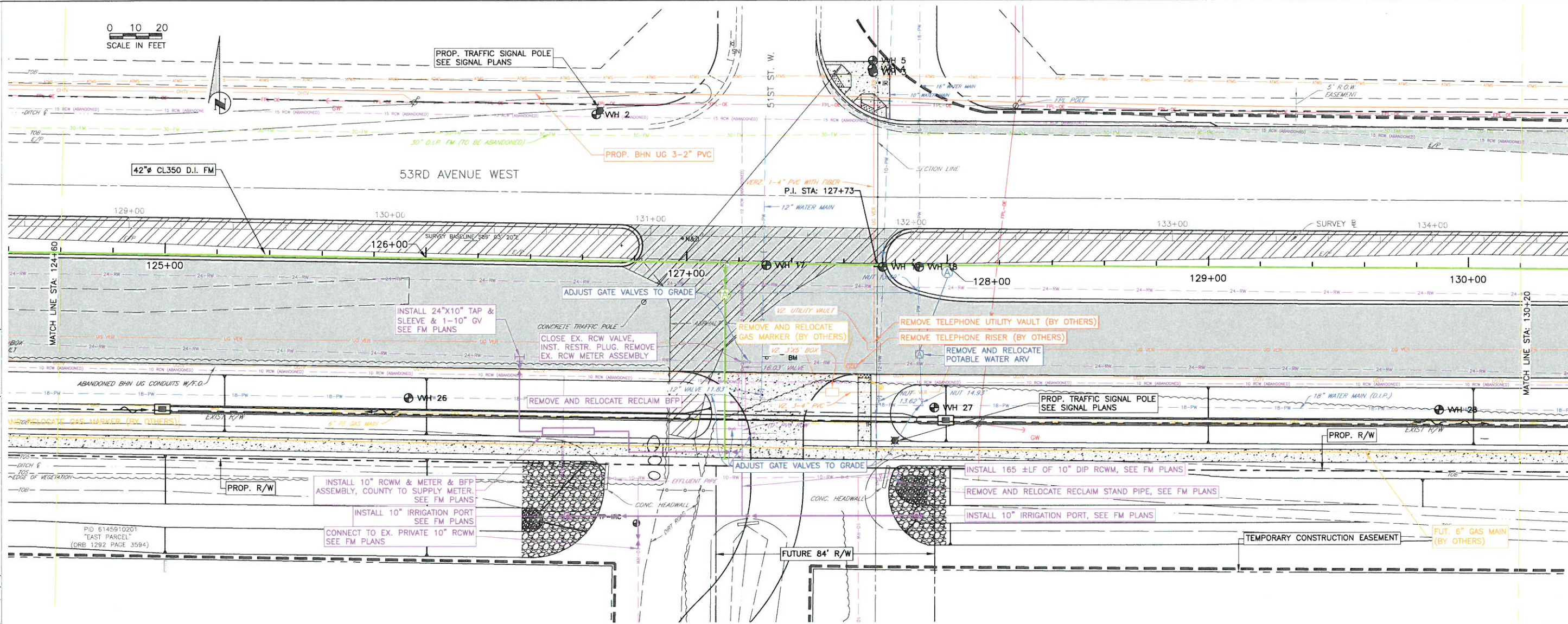
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SURVEY #	3825
SEC./TWN./RGE	16, 17, 18/35/17
VERT. SCALE	1"=2'
HORIZ. SCALE	1"=20'
SURVEYED BY	YATT/LSF 2001/2012
DESIGNED BY	LSF/JP 2001/2012
DRAWN BY	BLR 10/20/12
CHECKED BY	CLM 02/2013

JOHN KENNEDY PARI, P.E.
FLORIDA P.E. # 56368



10/20/14
Signature & Date

**53RD AVENUE WEST
43RD ST. W. TO ROUNDABOUT
UTILITY ADJUSTMENTS**



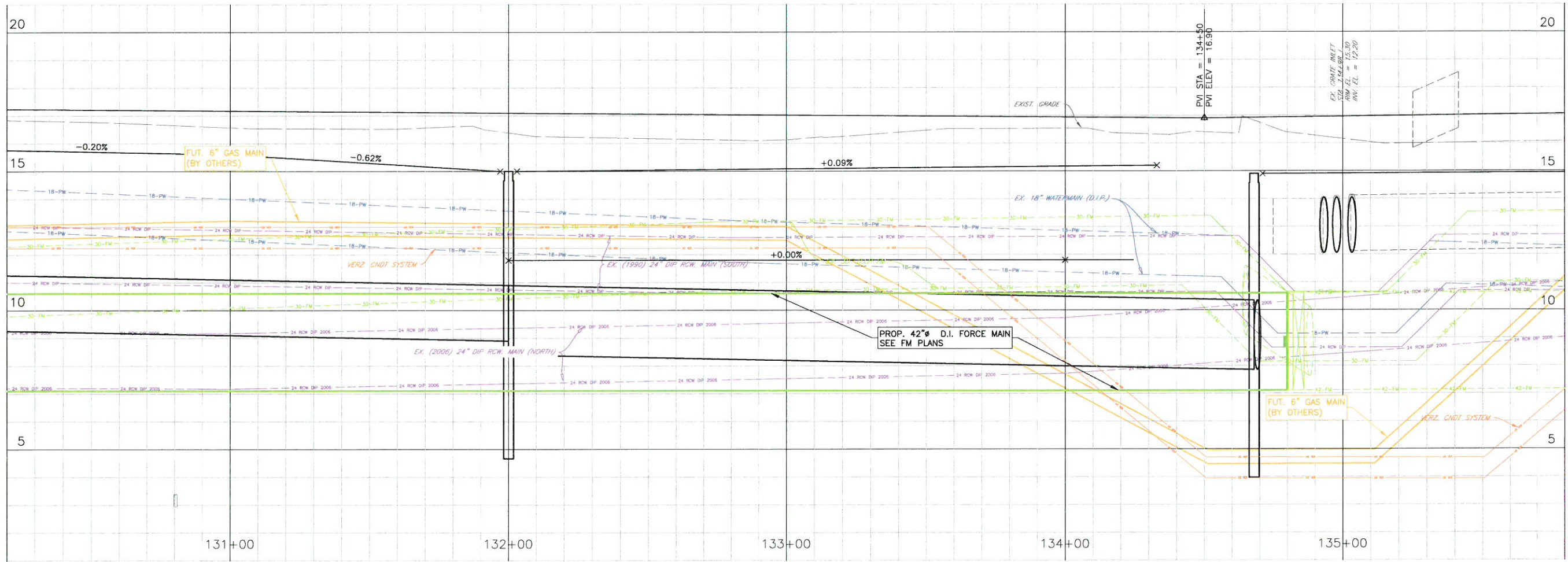
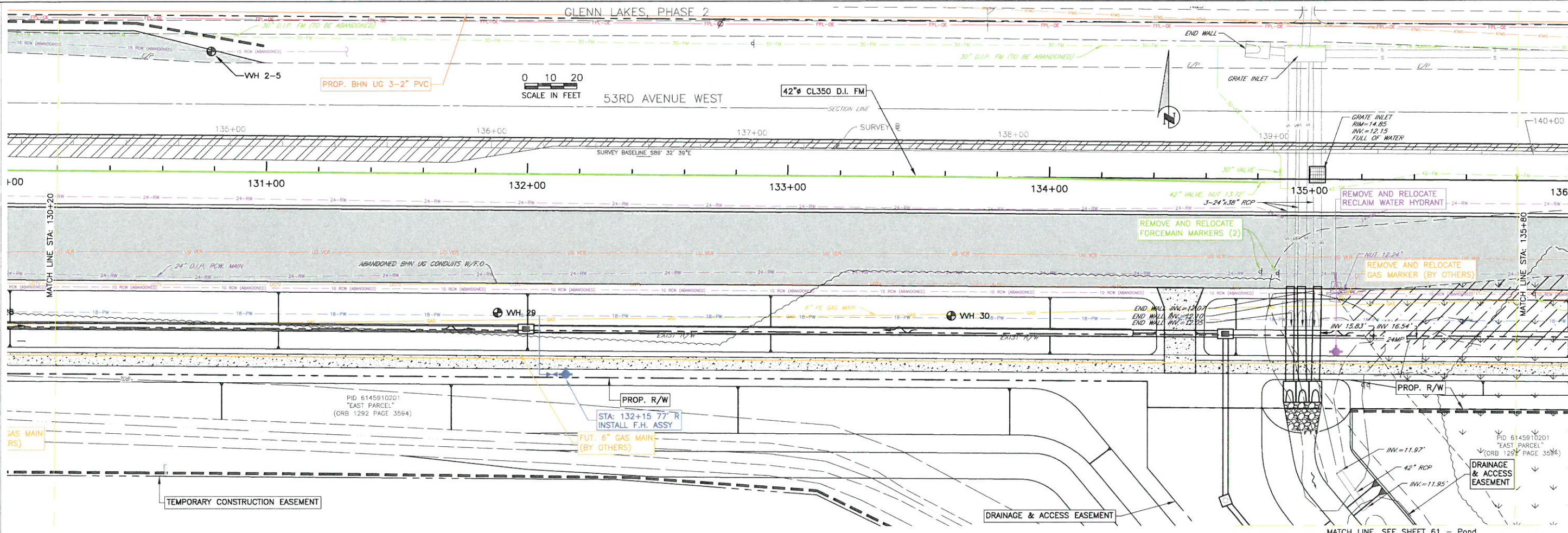
NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	383-6082960
SURVEY #	3625
SEC./TWN./RGE	16,17,18/35/17
VERT. SCALE	1"=2'
HORIZ. SCALE	1"=20'
SURVEYED	HYATT/LSF 2001/2012
DESIGNED	LSF/JP 2001/2012
DRAWN	BLR 10/2012
CHECKED	CLM 02/2013

JOHN KENNEDY PARI, P.E.
FLORIDA P.E. # 56368
John Parri
10/29/14
Signature & Date

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 m:\pww\engineering\sharon\highway_engineering\ROADS\53rd_ave\DWG\VP_Design\53rd_ave\UAS.dwg,3 UAS, 10/17/2014, 11:40 AM Bruce Robertson, 11: ANSI full bleed D (34.00 x 22.00 inches)

**53RD AVENUE WEST
43RD ST. W. TO ROUNDABOUT
UTILITY ADJUSTMENTS**



NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	383-6082960
SURVEY #	3825
SEC./TWN./RGE	16,17,18/35/17
VERT. SCALE	1"=2'
HORZ. SCALE	1"=20'

	BY	DATE
SURVEYED	HYATT/LSF	2001/2012
DESIGNED	LSF/JP	2001/2012
DRAWN	BLR	10/2012
CHECKED	CLM	02/2013

JOHN KENNEDY PARI, P.E.
FLORIDA P.E. # 56368
John Pari
10/20/14
Signature & Date

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GENERAL NOTES

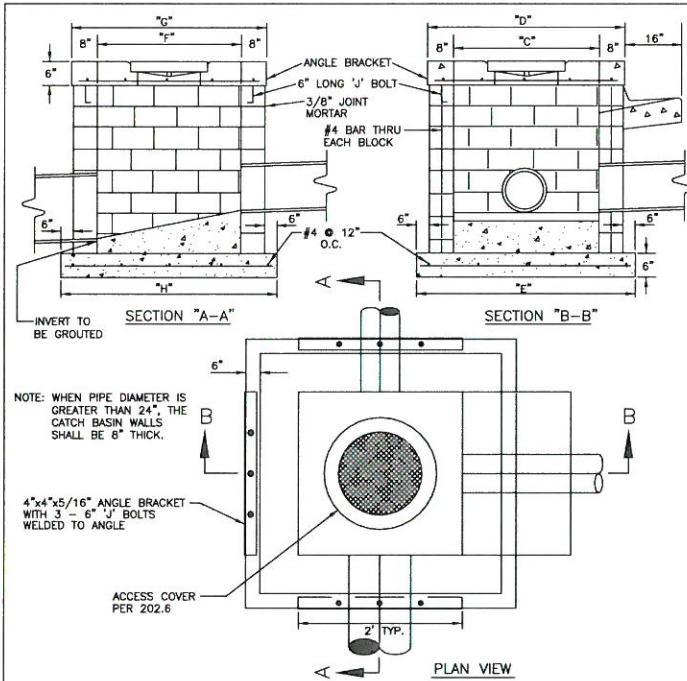
- ALL REFERENCED STANDARDS SHALL BE LATEST REVISION.
- CONCRETE SHALL BE CLASS "1" AS SPECIFIED IN SECTION 345 OF F.D.O.T. SPECIFICATIONS
- SEE SECTION 425-2.2 "MORTAR" OF FLORIDA D.O.T. SPECIFICATIONS.
- IRON CASTING SHALL BE AS SPECIFIED IN SECTION 962-8 OF F.D.O.T. SPECIFICATIONS. SEE SECTION 425-5.
- ALL REINFORCEMENT STEEL SHALL BE AS SPECIFIED IN SECTIONS 415 & 931.1 OF F.D.O.T. SPECIFICATIONS.
- SEE FLORIDA D.O.T. SPECIFICATIONS FOR GRATINGS.
- SEE FLORIDA D.O.T. SPECIFICATIONS FOR SECTION 125 "EXCAVATION FOR STRUCTURES."
- PRECAST TOP AND BOTTOM TO BE F.D.O.T. STANDARDS WITH MINIMUM TRAFFIC BEARING 8" THICKNESS.
- ALL STORMWATER PIPE SHALL BE INSTALLED BEHIND THE CURB OR EDGE OF PAVEMENT AND WITHIN THE RIGHT OF WAY AND WITHIN THE DRAINAGE EASEMENTS.
- THE FOLLOWING IS THE DRAINAGE STRUCTURE WALL MINIMUM THICKNESS:

PRECAST	BLOCK
NON-TRAFFIC 6"	8" EITHER WAY

NOTE: FOR DRAINAGE STRUCTURES WITH PIPE DIAMETERS UP TO AND INCLUDING 24". 6" PRECAST WALLS ARE ACCEPTABLE FOR TRAFFIC BEARING.

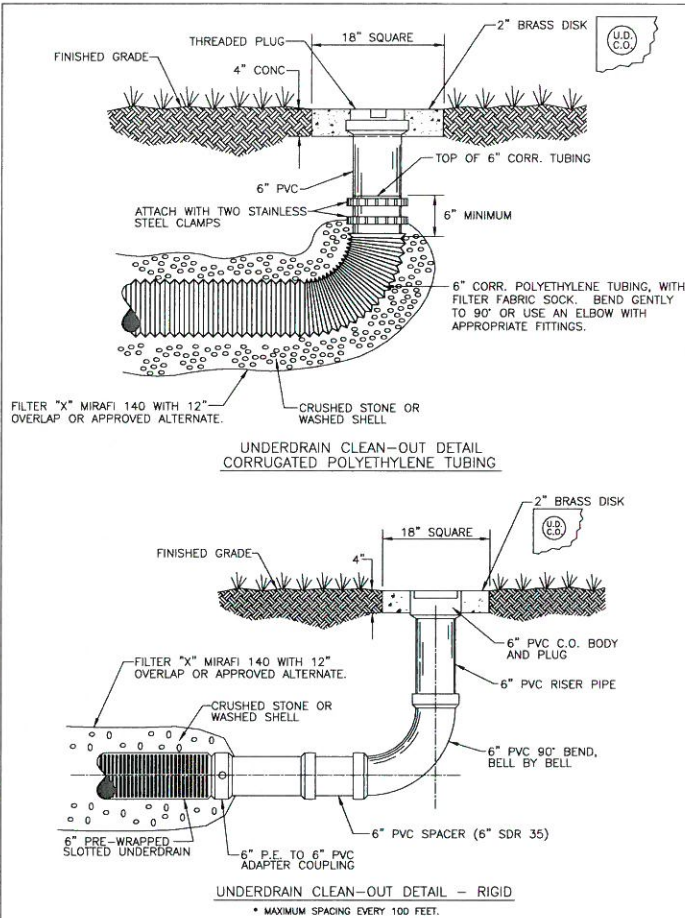
PIPE SIZE	TYPE	DIMENSION INDEX					
		"C"	"D"	"E"	"F"	"G"	"H"
15"	RCP	2'8"	4'	5'	4'	5'4"	6'4"
12"x18"	RCP	"	"	"	"	"	"
18"	RCP	"	"	"	"	"	"
14"x23"	RCP	"	"	"	"	"	"
24"	RCP	3'4"	4'8"	5'8"	"	"	"
19"x30"	RCP	4'	5'4"	6'4"	"	"	"
30"	RCP	"	"	"	"	"	"
24"x38"	RCP	5'	6'4"	7'4"	"	"	"
36"	RCP	5'	6'4"	"	"	"	"
66"	RCP	8'5"	9'9"	10'9"	4'8"	6'0"	7'0"

MANATEE COUNTY TRANSPORTATION DEPARTMENT
 REV. BY DATE 6/12/07
 DATE OF B.O.C.C. APPROVAL
DRAINAGE CONTROL SHEET
 202.0

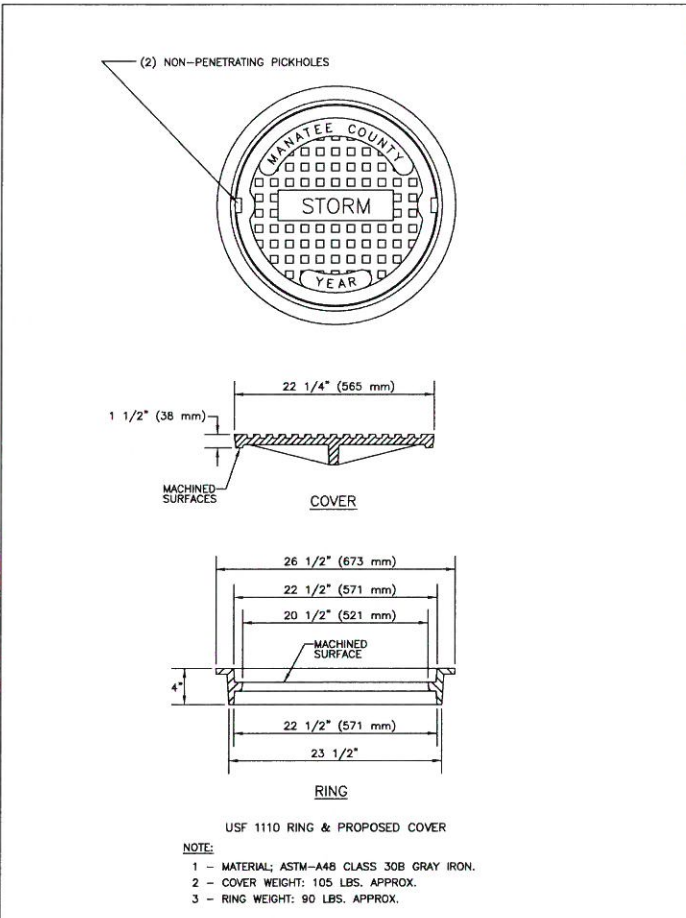


- NOTE: DIMENSIONS PER SECTION 202.0
- THE FOLLOWING MATERIALS TO BE AS SPECIFIED IN THE FLORIDA D.O.T. SPEC'S, 1991, SECTION 346 CONCRETE, SECT. 962-8 IRON CASTING, SECT. 931-1 REINFORCEMENT STEEL, SECT. 425 INLETS, MANHOLES & JUNCTION BOXES.
 - FILL BLOCKS WITH 3,000 psi CONCRETE, USE #4 ROD IN EACH BLOCK, 16" O/C.
 - 2" MINIMUM COVER ON ALL REBAR.
 - USE #4 REBARS ON 8" CENTERS BOTH WAYS ON LD; NO.4 REBARS ON 12" CENTERS BOTH WAYS ON FLOOR SLAB.
 - SEE SHEET 202.0 FOR GENERAL NOTES AND DIMENSION INDEX.
 - ALL EXPOSED CORNERS AND EDGES TO BE CHAMFERED 3/4".
 - PRECAST BOXES AS SPECIFIED IN F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS (2000) ARE AN ACCEPTABLE ALTERNATIVE AS APPROVED BY THE TRANSPORTATION DIRECTOR OR HIS DESIGNEE.
 - ALL PIPE ENTRIES TO CATCH BASIN TO BE GROUTED AND SEALED.

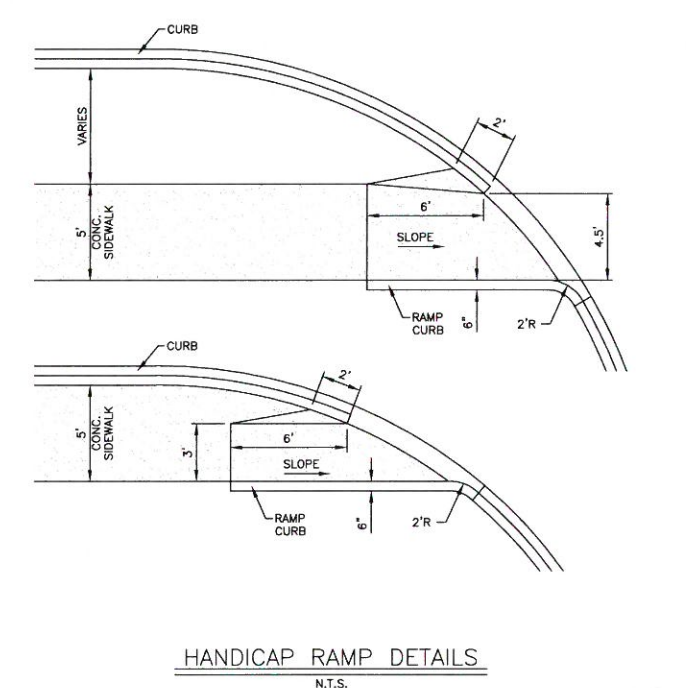
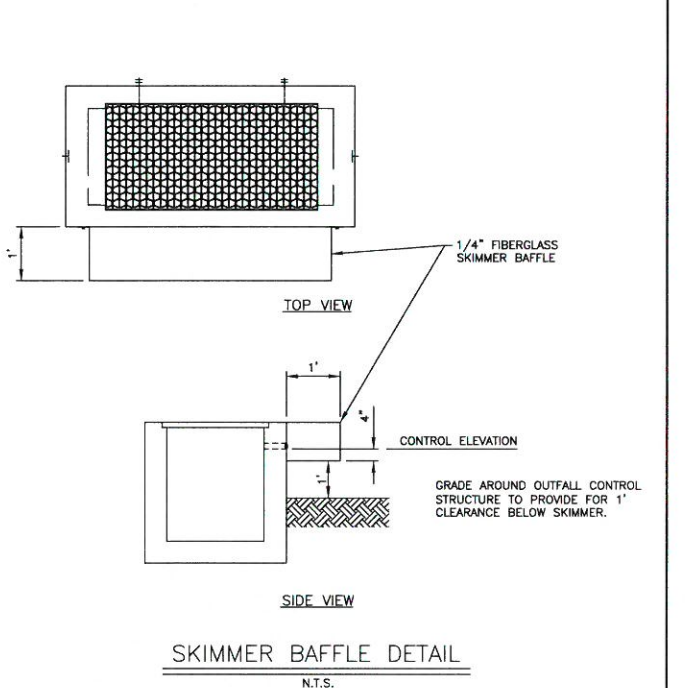
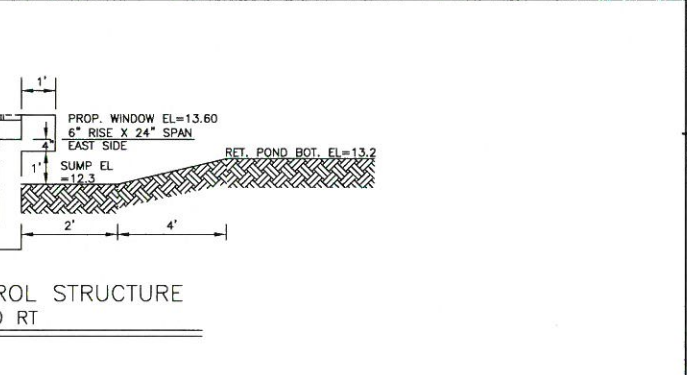
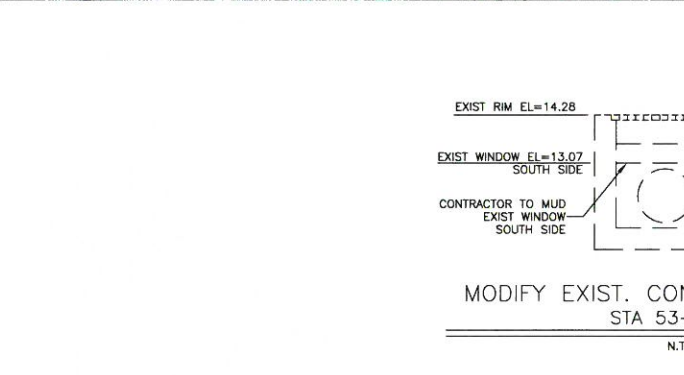
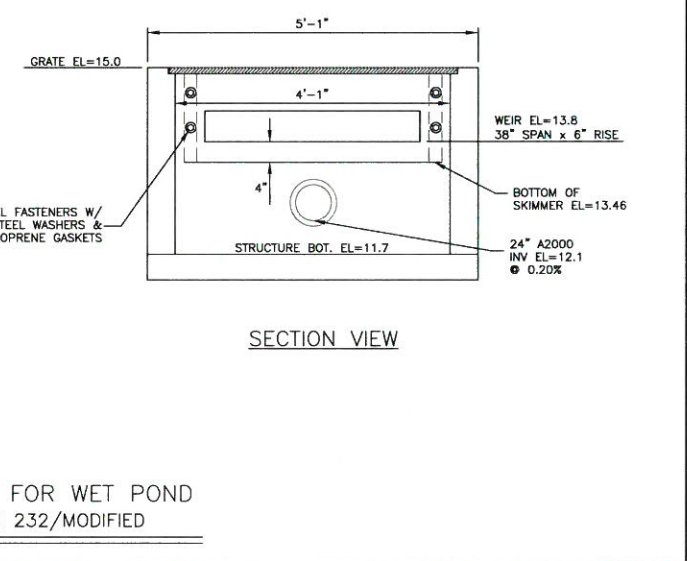
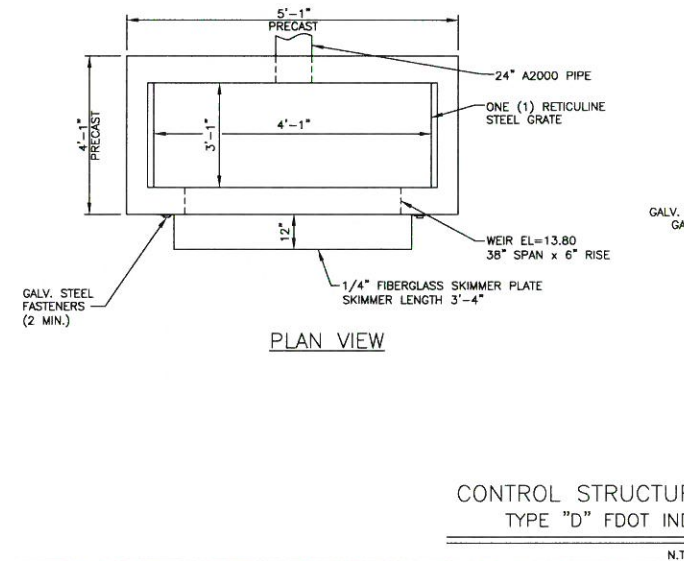
MANATEE COUNTY TRANSPORTATION DEPARTMENT
 REV. BY DATE 6/12/07
 DATE OF B.O.C.C. APPROVAL
TYPICAL CONC. BLOCK BOX
 202.1



MANATEE COUNTY TRANSPORTATION DEPARTMENT
 REV. BY DATE 6/12/07
 DATE OF B.O.C.C. APPROVAL
UNDERDRAIN CLEAN-OUTS (FLEXIBLE & RIGID)
 204.2



MANATEE COUNTY TRANSPORTATION DEPARTMENT
 REV. BY DATE 6/12/07
 DATE OF B.O.C.C. APPROVAL
ACCESS COVER FOR STORMWATER JUNCTION BOX (PUBLIC)
 203.1



MANATEE COUNTY TRANSPORTATION DEPARTMENT
 REV. BY DATE 6/12/07
 DATE OF B.O.C.C. APPROVAL
CONCRETE SIDEWALK DETAIL
 N.T.S.

MANATEE COUNTY TRANSPORTATION DEPARTMENT
 REV. BY DATE 6/12/07
 DATE OF B.O.C.C. APPROVAL
HANDICAP RAMP DETAILS
 N.T.S.

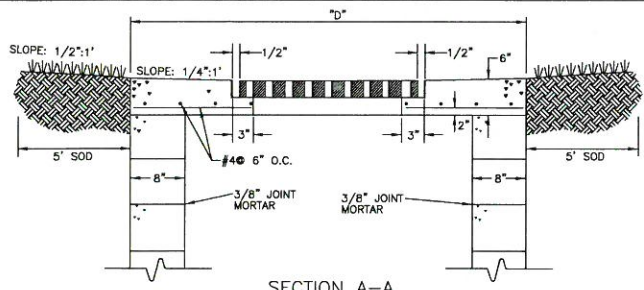
- NOTES:**
- IN LIEU OF 6" PRECAST CONCRETE, 8" CONCRETE BLOCKS WITH 1-#4 # IN EACH CORE, FILLED WITH SAND CEMENT MORTAR & 1/2" COATING OF MORTAR ON BOTH SIDES OF ALL WALLS MAY BE USED.
 - ALL CONCRETE TO BE 3,000 P.S.I. @ 28 DAYS WITH 3/4" CHAMFER ON ALL EXPOSED EDGES.
 - UNDERDRAIN TO BE PLACED 50' EACH SIDE OF CURB INLET CATCH BASINS OR AS DETERMINED BY THE ENGINEER OF RECORD.

**53RD AVENUE WEST
 43RD ST. W. TO ROUNDABOUT
 CONSTRUCTION DETAILS**

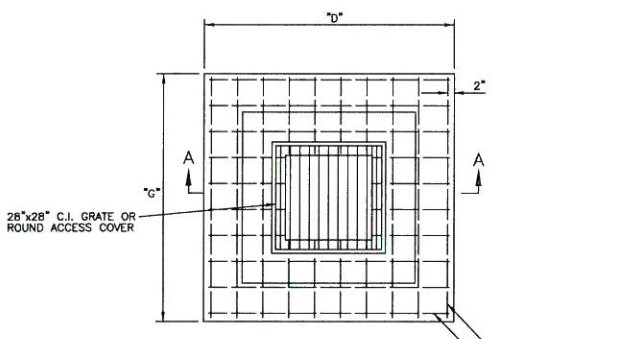
NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	383-6082960
SURVEY #	3825
SEC./TWN./RGE	16,17,18/35/17
VERT. SCALE	N.T.S.
HORZ. SCALE	N.T.S.
SURVEYED	LSF 02/02/01
DESIGNED	JP 02/02/12
DRAWN	TMP 02/02/12
CHECKED	JP 02/02/12

JOHN KENNEDY PARI, P.E.
 FLORIDA P.E. # 56668
John Parri
 6/20/14
 Signature & Date



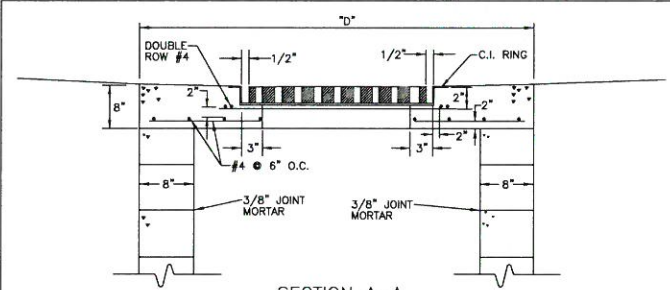
SECTION A-A



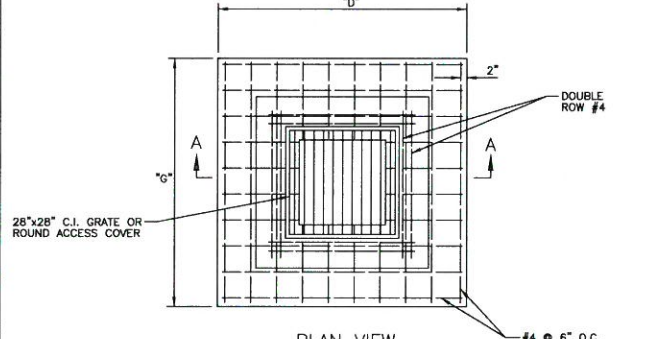
PLAN VIEW

- NOTE: DIMENSIONS "D" & "G" PER SECTION 202.0
- A) ALTERNATE C.I. GRATES, 18" X 24", 24" X 24", 28" X 36" OR ACCESS COVER (202.6)
 - B) SOD TO BE PLACED A MINIMUM OF 5" AROUND BOX.
 - C) THE FOLLOWING MATERIALS SHALL BE AS SPECIFIED IN FLORIDA D.O.T. SPEC'S., 2000. SEC 346 CONCRETE, SEC 962-B IRON CASTING, SEC 931-1 REINFORCED STEEL.
 - D) FILL BLOCKS WITH 3,000 P.S.I. CONCRETE (EACH CELL), USE #4 ROD IN EACH BLOCK, 16" O/C.
 - E) USE #4 ROD ON 6" CENTERS BOTH WAYS ON LID.
 - F) SEE SHEET # 202.0 GENERAL NOTES AND DIMENSIONS INDEX, ALSO SHEET 202.1 TYP. CONC. BOX.
 - G) PRECAST BOXES AS SPECIFIED IN F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS ARE AN ACCEPTABLE ALTERNATIVE AS APPROVED BY THE TRANSPORTATION DIRECTOR OR HIS DESIGNEE.
 - H) ANGLE BRACKETS SHOWN ON 202.1 NOT REQUIRED.

MANATEE COUNTY TRANSPORTATION DEPARTMENT		NON-TRAFFIC BEARING BOX LID	202.4
REV. BY	DATE		
	6/12/07		
	DATE OF B.O.C.C. APPROVAL		



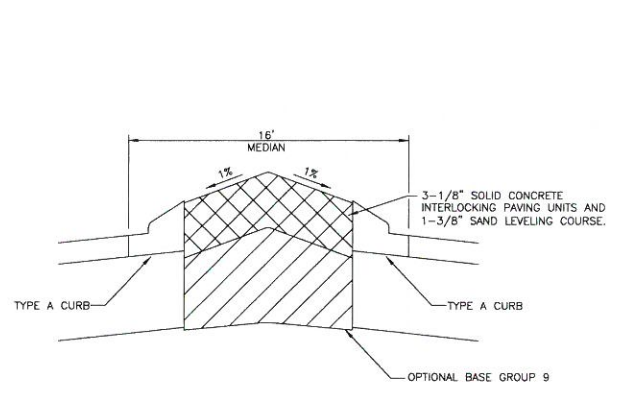
SECTION A-A



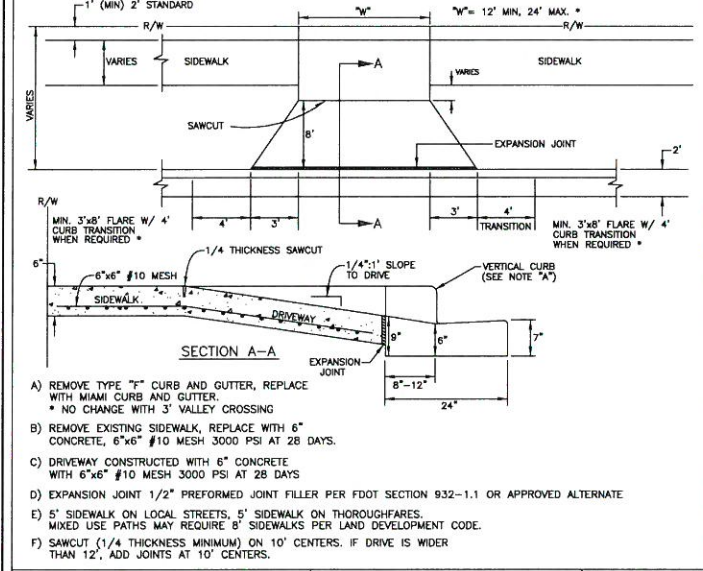
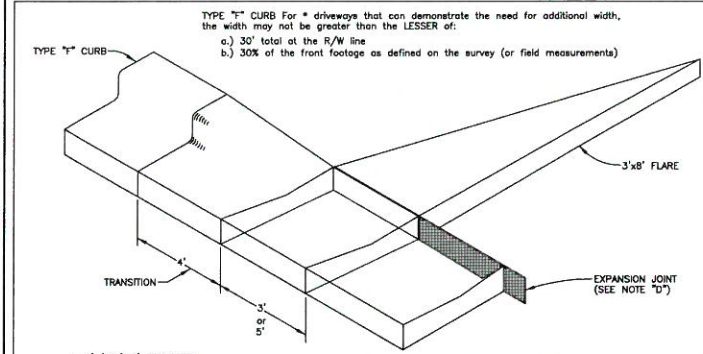
PLAN VIEW

- NOTE: DIMENSIONS "D" & "G" PER SECTION 202.0
- A) ALTERNATE C.I. GRATES, 18" X 24", 24" X 24", 28" X 36" OR ACCESS COVER (202.6)
 - B) 8" TRAFFIC BEARING LID W/ REINFORCING C.I. RING & DOUBLE ROW OF #4 REBAR.
 - C) FOLLOWING MATERIALS ARE SPECIFIED IN FLORIDA D.O.T. SPEC'S., 2000. SEC 346 CONCRETE, SEC 962-B IRON CASTING, SEC 931-1 REINFORCED STEEL.
 - D) FILL BLOCKS WITH 3,000 P.S.I. CONCRETE (EACH CELL), USE #4 ROD IN EACH BLOCK, 16" O/C.
 - E) USE #4 ROD ON 6" CENTERS BOTH WAYS ON LID. (SEE 202.3 E)
 - F) SEE SHEET # 202.0 GENERAL NOTES AND DIMENSIONS INDEX, ALSO SHEET 202.1 TYP. CONC. BOX.
 - G) INVERT TO BE GROUTED (SEE 202.1)
 - H) PRECAST BOXES AS SPECIFIED IN F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS ARE AN ACCEPTABLE ALTERNATIVE AS APPROVED BY THE TRANSPORTATION DIRECTOR OR HIS DESIGNEE.
 - I) ANGLE BRACKETS SHOWN ON 202.1 NOT REQUIRED.

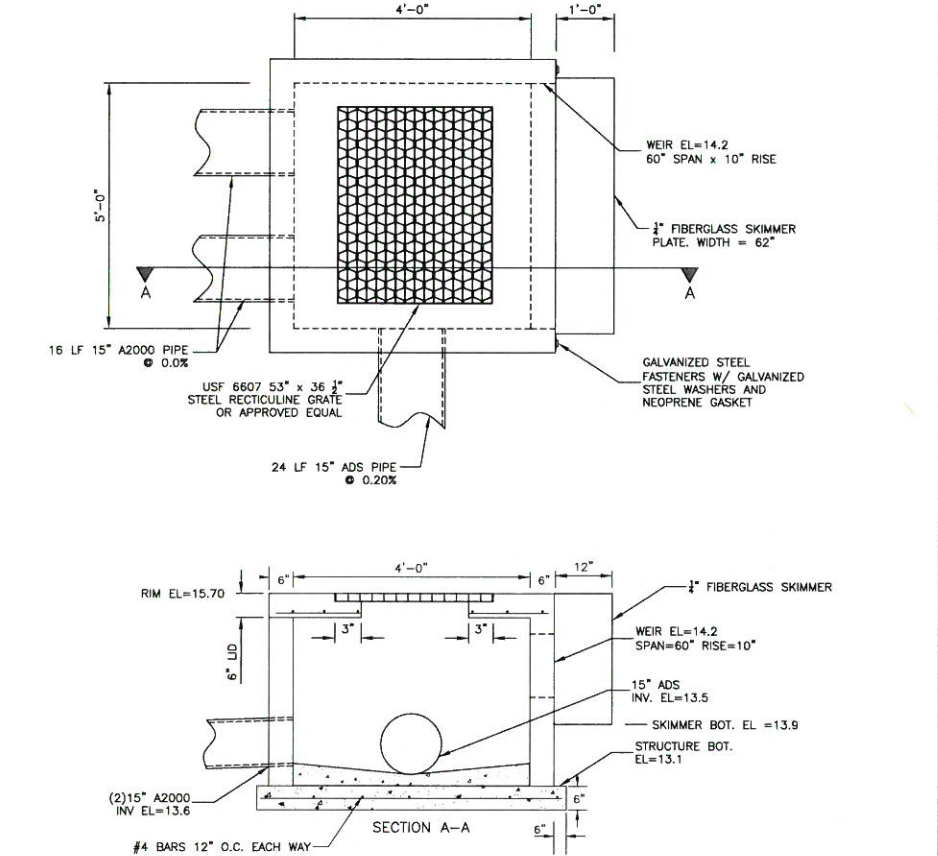
MANATEE COUNTY TRANSPORTATION DEPARTMENT		TRAFFIC BEARING BOX LID	202.5
REV. BY	DATE		
	6/12/07		
	DATE OF B.O.C.C. APPROVAL		



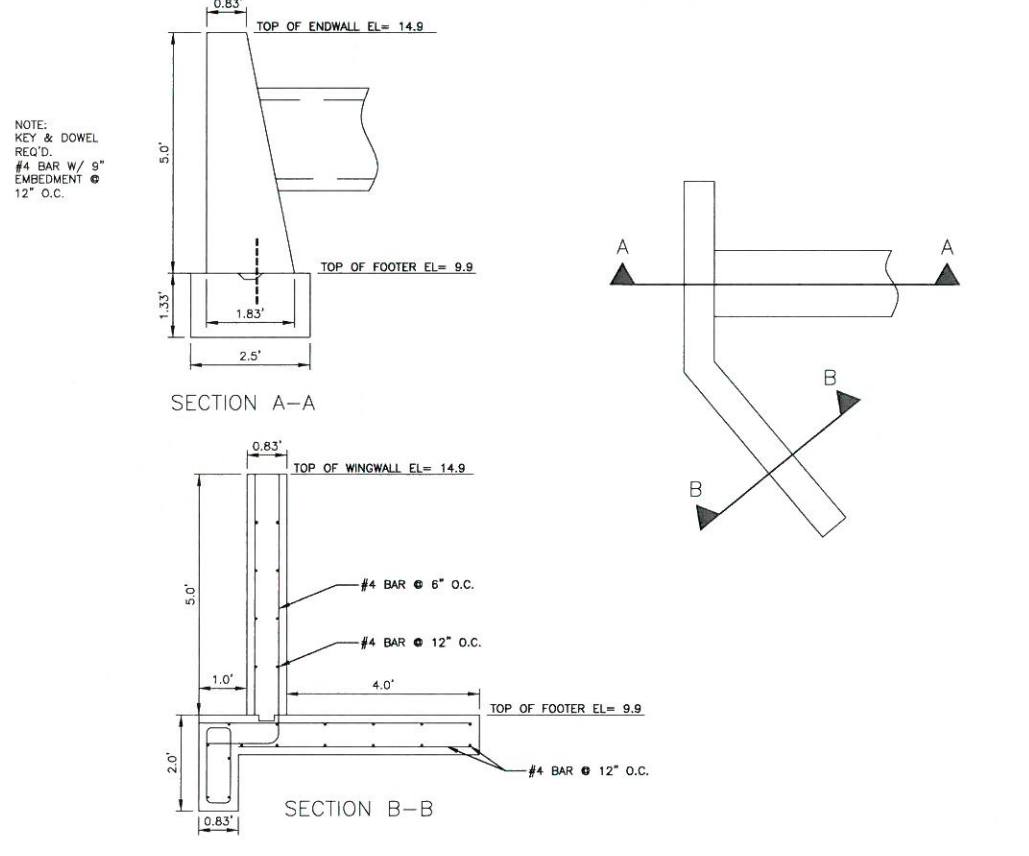
EMERGENCY MEDIAN OPENING DETAIL
STA: 71+70 TO 72+40



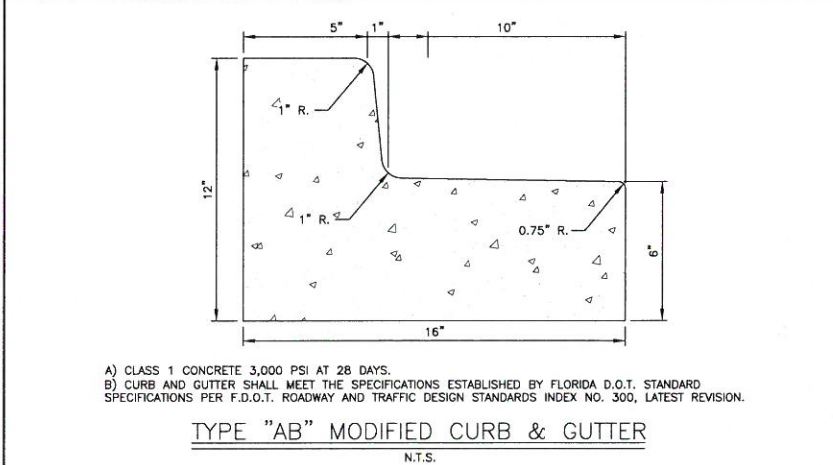
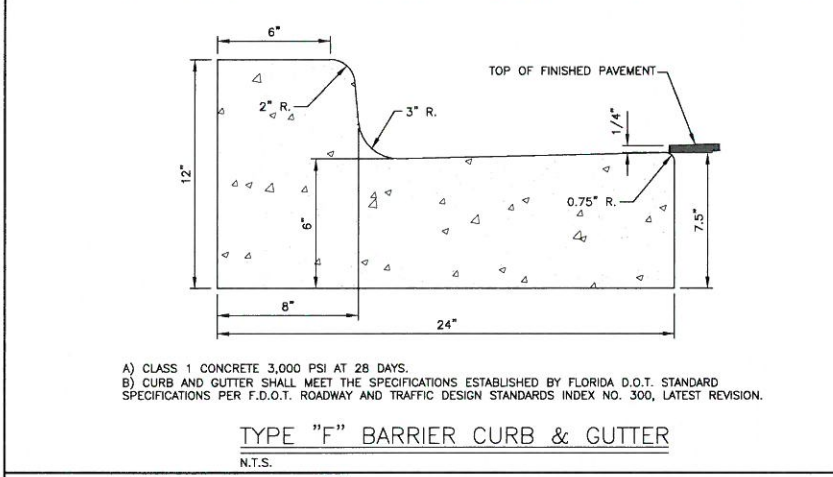
MANATEE COUNTY TRANSPORTATION DEPARTMENT		CURB CUT & TRANSITION W/ T-FLARE FOR RESIDENTIAL DRIVES	101.2
REV. BY	DATE		
	6/12/07		
	DATE OF B.O.C.C. APPROVAL		



DIVERSION BOX
STA 92+80 RT
N.T.S.



ENDWALL AND WINGWALL DETAIL STA 74+56 RT
N.T.S.



TYPE "AB" MODIFIED CURB & GUTTER
N.T.S.

53RD AVENUE WEST
43RD ST. W. TO ROUNDABOUT
CONSTRUCTION DETAILS

NO.	DATE		
BY			
REVISION DESCRIPTION			
PROJECT #	383-6082960		
SURVEY #	3825		
SEC./TWN./RGE	16,17,18/35/17		
VERT. SCALE	N.T.S.		
HORIZ. SCALE	N.T.S.		
BY	DATE		
SURVEYED	LSF	02/02/01	
DESIGNED	JP	02/02/12	
DRAWN	TMF	02/02/12	
CHECKED	JP	02/02/12	
JOHN KENNEDY PARI, P.E.			
FLORIDA P.E. # 56366			
<i>John Parri</i>			
10/20/14			
Signature & Date			
SHEET 80 OF 85			

COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT. S:\PWD_Engineering_Share\Highway_Engineering\ROADS\53rd Ave W\DWG\53rd Ave W CONST_DET.dwg, DET 2, 10/02/2014 11:29 AM Bruce Robertson, 1:1, ANS, Full build D (34.00, x 22.00, inches)

