

FERRIS, FLINN & MEDINA, LLC

E N G I N E E R S S U R V E Y O R S

ADDENDUM NO. 2

To: All Planholders
From: Antonio L. Reyna, PE
Subject: United Irrigation District
FM 494, Mile 3 to Mile 5 Pipeline Relocation
Date: December 5, 2025

The Contract Documents are hereby modified as follows:

CONTRACT DOCUMENTS

I. SECTION 00300 – BID FORM (PROPOSAL):

- Replace the Bid Form documents with the attached Bid Form, Page 00300-2 to 00300-4, Addendum No. 2, dated 12/5/2025.

REFER TO CONTRACT PLANS

- I. Replace Plan Sheets 3 to 10, 12 to 15, 17 to 25, 27 to 30, 32 to 38 and 43 with attached Revised Plan Sheets 3 to 10, 12 to 15, 17 to 25, 27 to 30, 32 to 38 and 43 Addendum No. 2, dated 12/5/2025. Linework, text and leader boxes in red denote work that will be done by the TxDOT Contractor. Linework, text and leader boxes in green/black denote work that will be done by this Contract.

Addendum No. 2 Issued by,
FERRIS, FLINN & MEDINA, LLC
TBPE Firm Reg. No. F-897



Antonio L. Reyna, PE
Project Engineer



12-5-2025

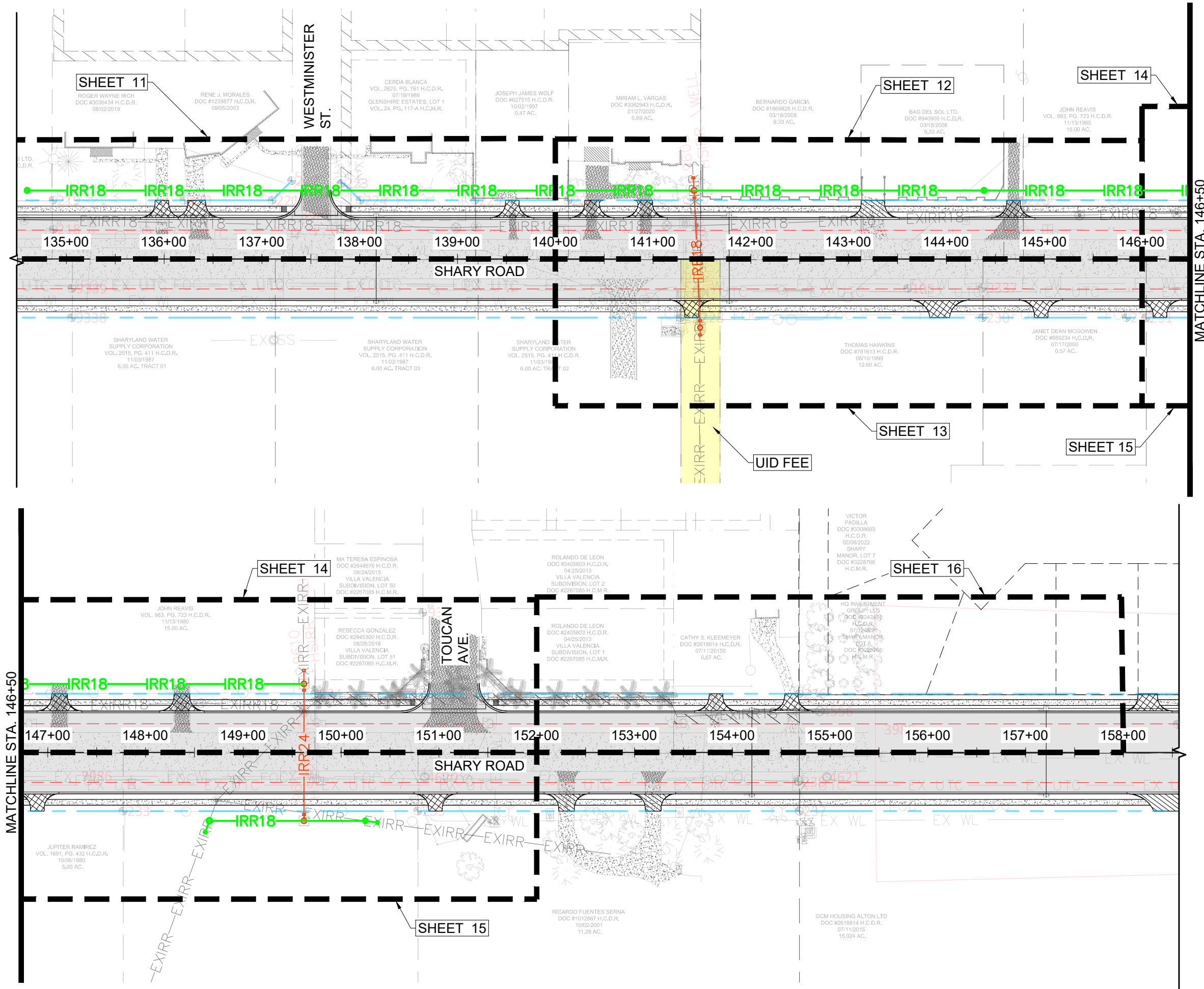
Attachments: Addendum No. 2 Section 00300 (Page 00300-2 to 00300-4)
Addendum No. 2 Plan Sheets

UNITED IRRIGATION DISTRICT
PIPELINE RELOCATION QUANTITIES
FM 494, MILE 3 TO MILE 5 PIPELINE RELOCATION

Bid Item No.	Item Code			Description	Units	Approx. Quantity	Unit Price	Total Price
	Item No.	Desc. Code	S.P. No.					
Materials - *Denotes Buy America Materials								
M.1				Furnish 18" Dia. 80 PSI PIP PVC Pipe.	L.F.	5,872		
M.2				Furnish 15" Dia. 80 PSI PIP PVC Pipe.	L.F.	510		
M.3*				Furnish 18" Fresno Series 8200 Fabricated Slide Gate or approved equivalent. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	16		
M.4*				Furnish 24" Fresno Series 8200 Fabricated Slide Gate or approved equivalent. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	1		
M.5*				Furnish concrete, steel rebar & grating for each 9'x4' Well Irrigation Wells. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	1		
M.6*				Furnish RCP, steel rebar & grating for each 48" Dia. Irrigation Wells. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	21		
M.7*				Furnish RCP, steel rebar & grating for each 60" Dia. Irrigation Wells. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	2		
M.8*				Furnish rebar for each 15" concrete collar. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	2		
M.9*				Furnish rebar for each 18" concrete collar. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	15		
M.10				Furnish pea gravel for 80 PSI Pip PVC pipe bedding.	C.Y.	1,352		
M.11*				Furnish 24" x 1/2" dia. Epoxy coated steel casing under driveway. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	L.F.	515		

M.12A				Furnish 15" Dia. 80 PSI PIP PVC Bend, Socket x Gasket, 90 deg. Bend, for the outlet valve assembly.	Ea.	28		
M.12B				Furnish 18"x18"x15" Gasket Tee, for the outlet valve assembly, where shown.	Ea.	13		
M.12C				Furnish 30" Dia. Polywell with 18" Dia. Polywell piping for the outlet valve assembly.	Ea.	28		
M.12D*				Furnish 14" Dia. Mud Valve for the outlet valve assembly. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	28		
M.12E*				Furnish rebar and other necessary material for polywell foundation for the outlet valve assembly. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	28		
M.13*				Furnish necessary material to complete a Concrete Driveway Repair. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	L.F.	30		
M.14				Furnish necessary material to complete an Asphalt Driveway Repair.	L.F.	36		
Construction								
1				Install 18" Dia. 80 PSI PIP PVC Pipe.	L.F.	5,872		
2				Install 15" Dia. 80 PSI PIP PVC Pipe.	L.F.	510		
3				Install 18" Fresno Series 8200 Fabricated Slide Gate or approved equivalent.	Ea.	16		
4				Install 24" Fresno Series 8200 Fabricated Slide Gate or approved equivalent.	Ea.	1		
5				Construction of 9' x 4' Well including rebar, materials, and equipment to perform excavation, forming, reinforcing steel, waterstop, backfill, installation of grating, and any other incidentals necessary.	Ea.	1		
6				Construction of 48" Dia. Irrigation Well including rebar, materials, and equipment to perform excavation, forming, reinforcing steel, waterstop, backfill, installation of grating, and any other incidentals necessary.	Ea.	21		
7				Construction of 60" Dia. Irrigation Well including rebar, materials, and equipment to perform excavation, forming, reinforcing steel, waterstop, backfill, installation of grating, and any other incidentals necessary.	Ea.	2		
8				Construction of 15" concrete collar including excavation, forming, reinforcing steel, waterstop, backfill, and any other incidentals.	Ea.	2		
9				Construction of 18" concrete collar including excavation, forming, reinforcing steel, waterstop, backfill, and any other incidentals.	Ea.	15		

10				Pea gravel for 80 PSI PIP PVC pipe bedding.	C.Y.	1,352		
11				Install 24" x 1/2" dia. Epoxy coated steel casing under driveways by dry bore, including casing spacers, end seals, dewatering and other incidentals required.	L.F.	515		
12				Construction of 14" Outlet Valve Assembly including 14" mud valve, 30" dia. poly well, rebar, materials, 18"x18"x15" G Tee where applicable, and equipment to perform excavation, forming, reinforcing steel, waterstop, backfill and any other incidentals necessary.	Ea.	28		
13				Repair of Concrete Driveway with subbase compacted to 95% Standard Proctor Density.	L.F.	30		
14				Repair of Asphalt Driveway with subbase compacted to 95% Standard Proctor Density.	L.F.	36		
15	402	6001		Trench Safety	L.F.	5,583		
16				Removal of existing standpipes & valves and compaction of backfill to 95% Standard Proctor Density .	Ea.	83		
17				Removal of existing irrigation pipeline and compaction of backfill to 95% Standard Proctor Density.	L.F.	7,000		
Total Bid Amount								



LEGEND

CONCRETE MONUMENT FOUND
X MARK FOUND
IRON ROD FOUND
NAIL FOUND
PIPE FOUND
POST
POWER POLE
SIGN
IRRIGATION WELL
MANHOLE
TRAFFIC LIGHT
SECURITY LIGHT POST
STREET LIGHT POST
CURB INLET
GRATE INLET
EXIST. OVERHEAD POWER LINE
EXIST. FENCE
FOC
EX SS
SD-EX
SD-EX12
EXIRR15
EX-IRR24
IRR15
IRR18
IRR18
EXIST. TxDOT RIGHT OF WAY
PROP. TxDOT RIGHT OF WAY

ADDENDUM NO. 2



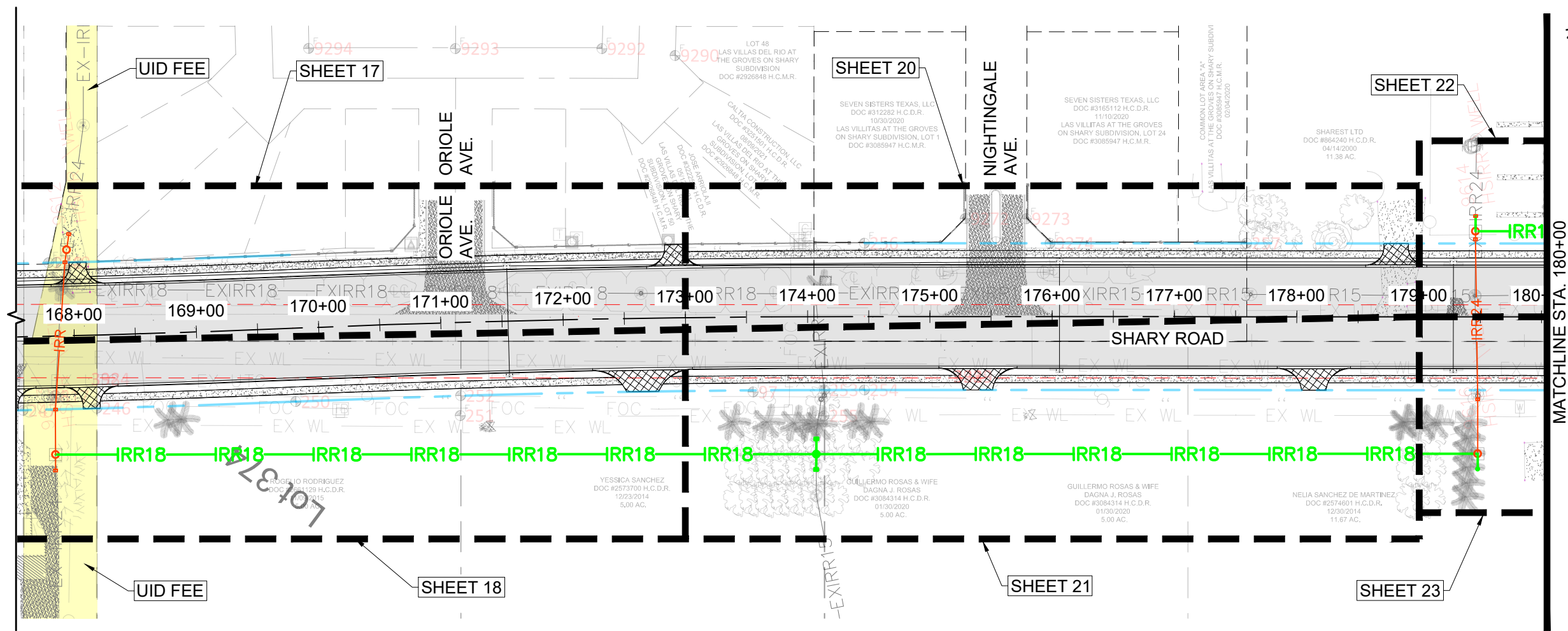
SCALE
HORIZONTAL: 1" = 100'
VERTICAL: 1" = 100'
FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79552
PHONE (361) 364-0236 FAX (361) 364-1023
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PRL REGISTRATION NO. 130207-00 PRL REGISTRATION NO. F-887

UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
OVERALL PLAN VIEW 01

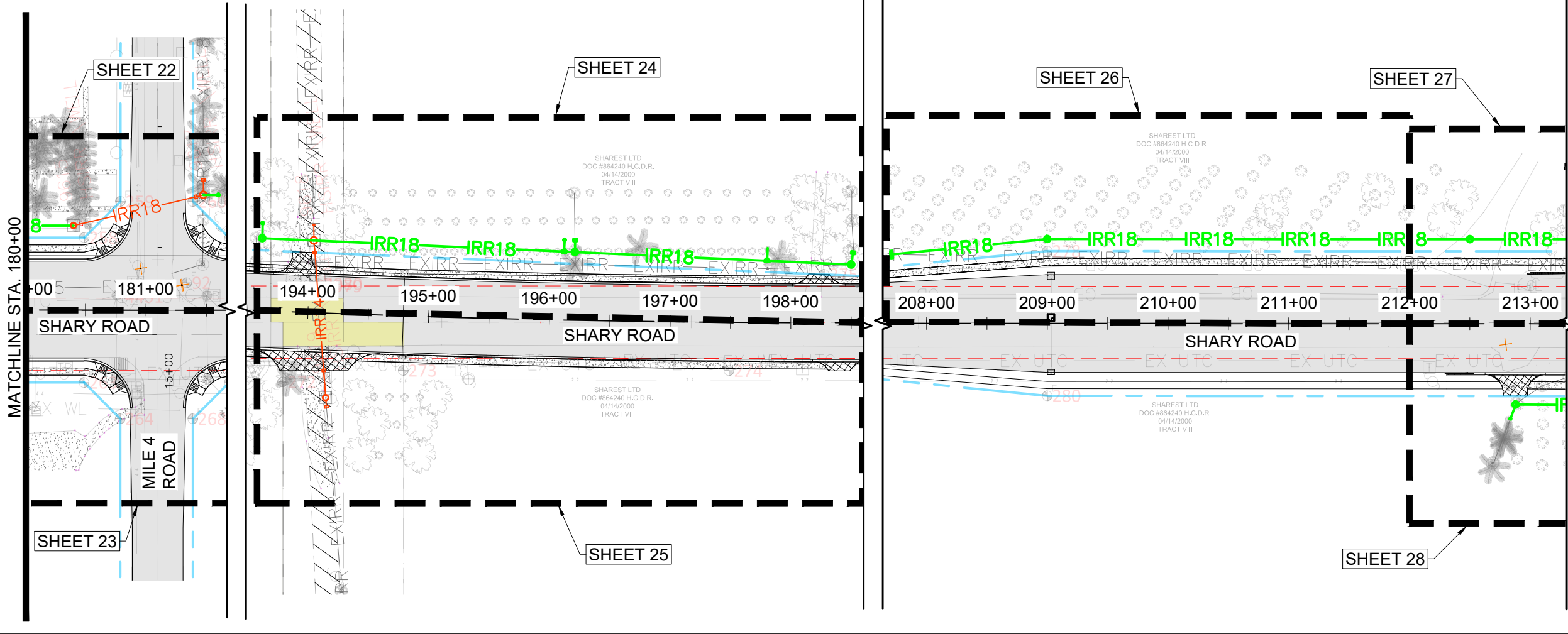
SCALE: 1" = 100'		SHEET 3 OF 46			
DN:		CONT	SECT	JOB	HIGHWAY
OK DN:		---	---	---	FM 494
DW:					
OK DW:		DIST	COUNTY		SHEET NO.
TR:		PHR	HIDALGO		
OK TR:					

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LEGEND

- CONCRETE MONUMENT FOUND
- X MARK FOUND
- IRON ROD FOUND
- NAIL FOUND
- PIPE FOUND
- POST
- POWER POLE
- SIGN
- IRRIGATION WELL
- MANHOLE
- TRAFFIC LIGHT
- SECURITY LIGHT POST
- STREET LIGHT POST
- CURB INLET
- GRATE INLET
- EXIST. OVERHEAD POWER LINE
- EXIST. FENCE
- FOC
- EX SS
- SD-EX
- SD-EX12
- EXIRR15
- EX-IRR24
- IRR15
- IRR18
- IRR18
- EXIST. TxDOT RIGHT OF WAY
- PROP. TxDOT RIGHT OF WAY



ADDENDUM NO. 2

STATE OF TEXAS
ANTONIO L. REYNA
145245
LICENSED
PROFESSIONAL ENGINEER
Antonio Reyna
12.5.2025

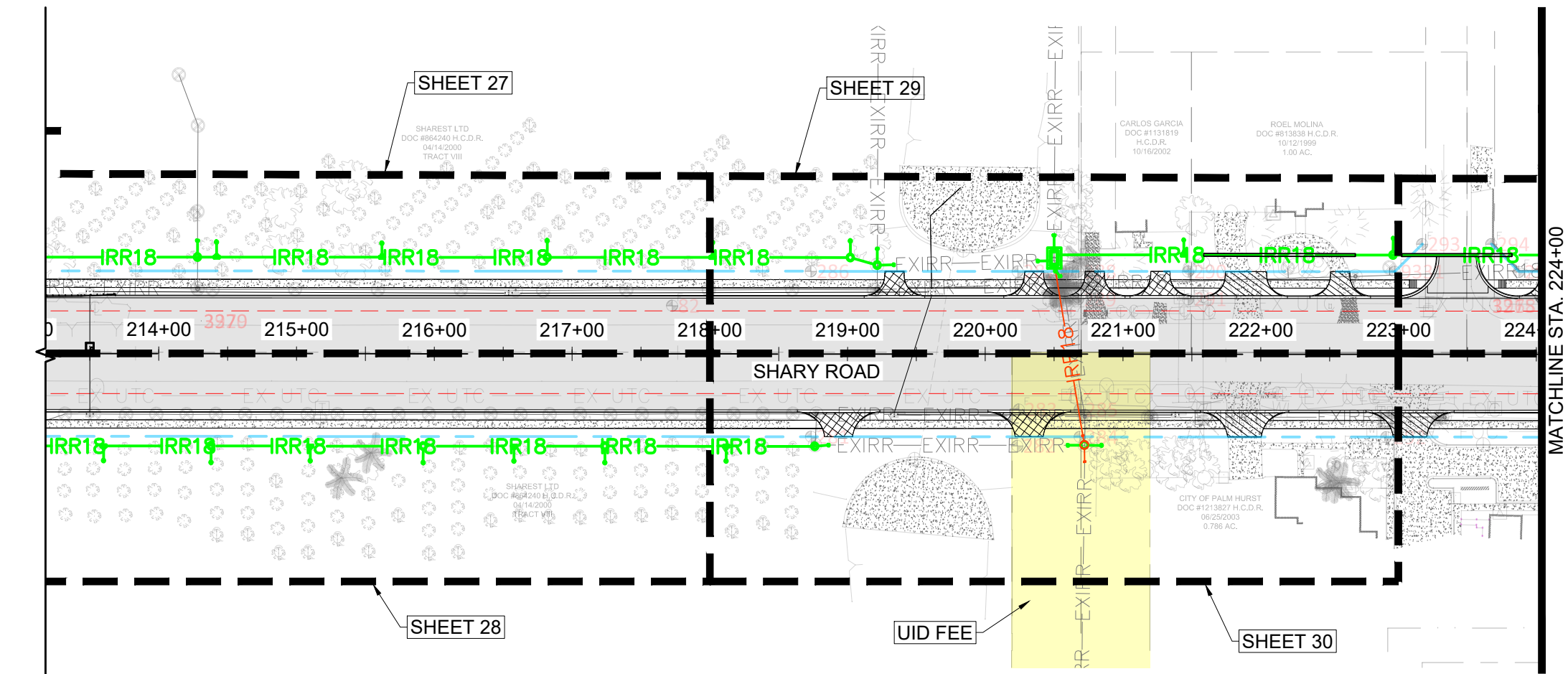
SCALE
HORIZONTAL: 1" = 100'
VERTICAL: 1" = 100'
FERRIS, FLINN & MEDINA, LLC
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P.L.S. REGISTRATION NO. 130207-00 P.E. REGISTRATION NO. F-887

UNITED IRRIGATION DISTRICT

**FM 494 (SHARY RD)
MILE 3 TO MILE 5
OVERALL PLAN VIEW 02**

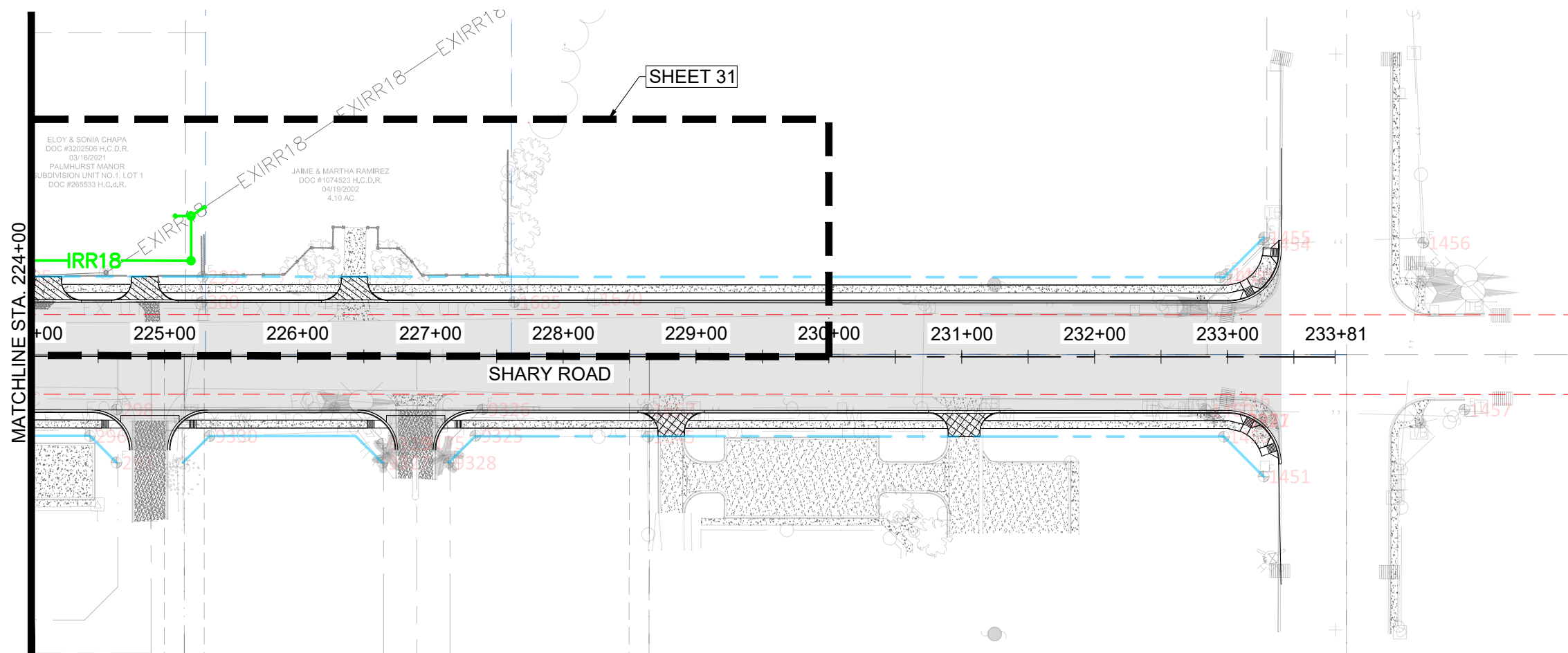
SCALE: 1" = 100'		SHEET 4 OF 46	
DN:		CONT	SECT
OK DN:		---	---
DW:			
OK DW:			
TR:		DIST	COUNTY
OK TR:		PHR	HIDALGO

F:\0202 UID\202-053A FM 494 Shary Road Project Mile 3 to Mile 5\DWG\202-053A FM494 M3-M5 Const Plans.dwg, 03-05_Overall



LEGEND

- CONCRETE MONUMENT FOUND
- X MARK FOUND
- IRON ROD FOUND
- NAIL FOUND
- PIPE FOUND
- POST
- POWER POLE
- SIGN
- IRRIGATION WELL
- MANHOLE
- TRAFFIC LIGHT
- SECURITY LIGHT POST
- STREET LIGHT POST
- CURB INLET
- GRATE INLET
- EXIST. OVERHEAD POWER LINE
- EXIST. FENCE
- FOC
- EXIST. FIBER OPTIC CABLE
- EX SS
- EXIST. SANITARY SEWER
- SD-EX
- EXIST. STORM DRAIN
- SD-EX12
- EXIST. 12" IRRIGATION LINE
- EXIRR15
- EXIST. 15" IRRIGATION LINE
- EX-IRR24
- EXIST. 24" IRRIGATION LINE
- IRR15
- PROP. 15" IRRIGATION LINE BY U.I.D.
- IRR18
- PROP. 18" IRRIGATION LINE BY U.I.D.
- IRR18
- PROP. 18" IRRIGATION LINE BY TXDOT
- EXIST. TXDOT RIGHT OF WAY
- PROP. TXDOT RIGHT OF WAY



ADDENDUM NO. 2



SCALE
HORIZONTAL: 1" = 100'
VERTICAL: 1" = 100'
FERRIS, FLINN & MEDINA, LLC
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PSM REGISTRATION NO. 130027000 PSM REGISTRATION NO. F-287

UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
OVERALL PLAN VIEW 03

SCALE: 1" = 100'		SHEET 5 OF 46			
DN:		CONT	SECT	JOB	HIGHWAY
OK DN:		---	---	---	FM 494
DW:					
OK DW:		DIST	COUNTY		SHEET NO.
TR:		PHR	HIDALGO		
OK TR:					

QUANTITY TABLE

UNITED IRRIGATION DISTRICT PIPELINE RELOCATION QUANTITIES FM 494, MILE 3 TO MILE 5						
Bid Item No.	Item Code			Description	Units	Approx. Quantity
	Item No.	Desc. Code	S.P. No.			
Materials - *Denotes Buy America Materials						
M.1				Furnish 18" Dia. 80 PSI PIP PVC Pipe.	L.F.	5,872
M.2				Furnish 15" Dia. 80 PSI PIP PVC Pipe.	L.F.	510
M.3*				Furnish 18" Fresno Series 8200 Fabricated Slide Gate or approved equivalent. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	16
M.4*				Furnish 24" Fresno Series 8200 Fabricated Slide Gate or approved equivalent. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	1
M.5*				Furnish concrete, steel rebar & grating for each 9'x4' Well Irrigation Wells. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	1
M.6*				Furnish RCP, steel rebar & grating for each 48" Dia. Irrigation Wells. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	21
M.7*				Furnish RCP, steel rebar & grating for each 60" Dia. Irrigation Wells. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	2
M.8*				Furnish rebar for each 15" concrete collar. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	2
M.9*				Furnish rebar for each 18" concrete collar. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	15
M.10				Furnish pea gravel for 80 PSI Pip PVC pipe bedding.	C.Y.	1,352
M.11*				Furnish 24" x 1/2" dia. Epoxy coated steel casing under driveway. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	L.F.	515
M.12A				Furnish 15" Dia. 80 PSI PIP PVC Bend, Socket x Gasket, 90 deg. Bend, for the outlet valve assembly.	Ea.	28
M.12B				Furnish 18"x18"x15" Gasket Tee, for the outlet valve assembly, where shown.	Ea.	13
M.12C				Furnish 30" Dia. Polywell with 18" Dia. Polywell piping for the outlet valve assembly.	Ea.	28
M.12D*				Furnish 14" Dia. Mud Valve for the outlet valve assembly. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	28
M.12E*				Furnish rebar and other necessary material for polywell foundation for the outlet valve assembly. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	Ea.	28
M.13*				Furnish necessary material to complete a Concrete Driveway Repair. BUY AMERICA materials must have an approved Buy American Certificate and a completed TxDOT Form 1818.	L.F.	30
M.14				Furnish necessary material to complete an Asphalt Driveway Repair.	L.F.	36

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ADDENDUM NO. 2



SCALE

HORIZONTAL: NA

VERTICAL: NA

FERRIS, FLINN & MEDINA, LLC

ENGINEERS SURVEYORS

1405 N. STUART PLACE ROAD

HARLINGEN, TEXAS 79552

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PSM REGISTRATION NO. 19020100 PSM REGISTRATION NO. F-887

UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)

MILE 3 TO MILE 5

QUANTITY TABLE

SCALE: NA

SHEET 6 OF 46

DN: --- DW: --- CK DW: --- TR: --- OK TR: ---

CONT SECT JOB HIGHWAY

DIST COUNTY SHEET NO.

PHR HIDALGO

QUANTITY TABLE

UNITED IRRIGATION DISTRICT PIPELINE RELOCATION QUANTITIES FM 494, MILE 3 TO MILE 5						
Bid Item No.	Item Code			Description	Units	Approx. Quantity
	Item No.	Desc. Code	S.P. No.			
Construction						
1				Install 18" Dia. 80 PSI PIP PVC Pipe.	L.F.	5,872
2				Install 15" Dia. 80 PSI PIP PVC Pipe.	L.F.	510
3				Install 18" Fresno Series 8200 Fabricated Slide Gate or approved equivalent.	Ea.	16
4				Install 24" Fresno Series 8200 Fabricated Slide Gate or approved equivalent.	Ea.	1
5				Construction of 9' x 4' Well including rebar, materials, and equipment to perform excavation, forming, reinforcing steel, waterstop, backfill, installation of grating, and any other incidentals necessary.	Ea.	1
6				Construction of 48" Dia. Irrigation Well including rebar, materials, and equipment to perform excavation, forming, reinforcing steel, waterstop, backfill, installation of grating, and any other incidentals necessary.	Ea.	21
7				Construction of 60" Dia. Irrigation Well including rebar, materials, and equipment to perform excavation, forming, reinforcing steel, waterstop, backfill, installation of grating, and any other incidentals necessary.	Ea.	2
8				Construction of 15" concrete collar including excavation, forming, reinforcing steel, waterstop, backfill, and any other incidentals.	Ea.	2
9				Construction of 18" concrete collar including excavation, forming, reinforcing steel, waterstop, backfill, and any other incidentals.	Ea.	15
10				Pea gravel for 80 PSI PIP PVC pipe bedding.	C.Y.	1,352
11				Install 24" x 1/2" dia. Epoxy coated steel casing under driveways by dry bore, including casing spacers, end seals, dewatering and other incidetals required.	L.F.	515
12				Construction of 14" Outlet Valve Assembly including 14" mud valve, 30" dia. poly well, rebar, materials, 18"x18"x15" G Tee where appicable, and equipment to perform excavation, forming, reinforcing steel, waterstop, backfill and any other incidentals necessary.	Ea.	28
13				Repair of Concrete Driveway with subbase compacted to 95% Standard Proctor Density.	L.F.	30
14				Repair of Asphalt Driveway with subbase compacted to 95% Standard Proctor Density.	L.F.	36
15	402	6001		Trench Safety	L.F.	5,583
16				Removal of existing standpipes & valves and compaction of backfill to 95% Standard Proctor Density .	Ea.	83
17				Removal of existing irrigation pipeline and compaction of backfill to 95% Standard Proctor Density.	L.F.	7,000

ADDENDUM NO. 2



SCALE
HORIZONTAL: NA
VERTICAL: NA

FERRIS, FLINN & MEDINA, LLC
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PSM REGISTRATION NO. 19020100 PSM REGISTRATION NO. F-887

UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
QUANTITY TABLE

SCALE: NA		SHEET 7 OF 46			
DN:		CONT	SECT	JOB	HIGHWAY
OK DN:		---	---	---	FM 494
DW:					
OK DW:		DIST	COUNTY		SHEET NO.
TR:		PHR	HIDALGO		
OK TR:					

QUANTITY TABLE

STA: 134+00 to STA: 140+00 LT. (Sheet 11 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	540
6	Construct 48"Ø Irrigation Well w/ Incidentals	Ea.	1
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	91
11	Furnish & Install 24"Ø x 1/2" Steel Casing	L.F.	140
13	Construct Concrete Driveway Repair	L.F.	30
15	Trench Safety	L.F.	400
16	Removal of Existing Standpipes & Valves	Ea.	3
17	Removal of Existing Pipelines	L.F.	542

STA: 146+00 to STA: 152+00 LT. (Sheet 14 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	362
2	Furnish & Install 15"Ø 80 PSI PIP PVC Pipe	L.F.	30
3	Furnish & Install 18" Sliding Gate	Ea.	1
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	94
12	Construct 14" Outlet Valve w/ Incidentals	Ea.	3
14	Construct Asphalt Driveway Repair	L.F.	36
15	Trench Safety	L.F.	392
16	Removal of Existing Standpipes & Valves	Ea.	4
17	Removal of Existing Pipelines	L.F.	608

STA: 167+00 to STA: 173+00 LT. (Sheet 17 of 44)

Bid Item No.	Description	Units	Approx. Quantity
16	Removal of Existing Standpipes & Valves	Ea.	1
17	Removal of Existing Pipelines	L.F.	508

STA: 140+00 to 146+00 LT. (Sheet 12 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	601
2	Furnish & Install 15"Ø 80 PSI PIP PVC Pipe	L.F.	10
3	Furnish & Install 18" Sliding Gate	Ea.	2
6	Construct 48"Ø Irrigation Well w/ Incidentals	Ea.	1
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	97
11	Furnish & Install 24"Ø x 1/2" Steel Casing	L.F.	185
12	Construct 14" Outlet Valve w/ Incidentals	Ea.	1
15	Trench Safety	L.F.	145
16	Removal of Existing Standpipes & Valves	Ea.	1
17	Removal of Existing Pipelines	L.F.	601

STA: 146+00 to STA: 152+00 RT. (Sheet 15 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	181
3	Furnish & Install 18" Sliding Gate	Ea.	1
6	Construct 48"Ø Irrigation Well w/ Incidentals	Ea.	1
7	Construct 60"Ø Irrigation Well w/ Incidentals	Ea.	1
9	Furnish & Install 18"Ø Concrete Collar	Ea.	2
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	41
15	Trench Safety	L.F.	181
16	Removal of Existing Standpipes & Valves	Ea.	1
17	Removal of Existing Pipelines	L.F.	176

STA: 167+00 to STA: 173+00 RT. (Sheet 18 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	513
3	Furnish & Install 18" Sliding Gate	Ea.	1
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	131
15	Trench Safety	L.F.	510

STA: 152+00 to STA: 158+00 LT. (Sheet 16 of 44)

Bid Item No.	Description	Units	Approx. Quantity
16	Removal of Existing Standpipes & Valves	Ea.	1
17	Removal of Existing Pipelines	L.F.	304

STA: 173+00 to STA: 179+00 LT. (Sheet 20 of 44)

Bid Item No.	Description	Units	Approx. Quantity
16	Removal of Existing Standpipes & Valves	Ea.	3
17	Removal of Existing Pipelines	L.F.	599

ADDENDUM NO. 2



SCALE
HORIZONTAL: NA
VERTICAL: NA

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TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PSM REGISTRATION NO. 19020100 PSM REGISTRATION NO. F-897

UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
PROFILE QUANTITES 01

SCALE: NA		SHEET 8 OF 46			
DN:			CONT	SECT	JOB
OK DN:					HIGHWAY
DW:					FM 494
OK DW:					
TR:			DIST	COUNTY	
OK TR:			PHR	HIDALGO	
					SHEET NO.

QUANTITY TABLE

STA: 173+00 to 179+00 LT. (Sheet 21 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	617
3	Furnish & Install 18" Sliding Gate	Ea.	2
6	Construct 48"Ø Irrigation Well w/ Incidentals	Ea.	1
9	Furnish & Install 18"Ø Concrete Collar	Ea.	2
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	140
15	Trench Safety	L.F.	617

STA: 179+00 to 185+00 LT. (Sheet 22 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	160
2	Furnish & Install 15"Ø 80 PSI PIP PVC Pipe	L.F.	10
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	42
12	Construct 14" Outlet Valve w/ Incidentals	Ea.	1
15	Trench Safety	L.F.	170
16	Removal of Existing Standpipes & Valves	Ea.	1
17	Removal of Existing Pipelines	L.F.	250

STA: 179+00 to 185+00 RT. (Sheet 23 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	48
2	Furnish & Install 15"Ø 80 PSI PIP PVC Pipe	L.F.	10
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	25
12	Construct 14" Outlet Valve w/ Incidentals	Ea.	1
15	Trench Safety	L.F.	58

STA: 193+00 to 199+00 LT. (Sheet 24 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	500
2	Furnish & Install 15"Ø 80 PSI PIP PVC Pipe	L.F.	40
4	Furnish & Install 24" Sliding Gate	Ea.	1
6	Construct 48"Ø Irrigation Well w/ Incidentals	Ea.	3
8	Furnish & Install 15" Concrete Collar	Ea.	1
9	Furnish & Install 18"Ø Concrete Collar	Ea.	1
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	122
12	Construct 14" Outlet Valve w/ Incidentals	Ea.	3
15	Trench Safety	L.F.	540
16	Removal of Existing Standpipes & Valves	Ea.	5
17	Removal of Existing Pipelines	L.F.	518

STA: 206+00 to 212+00 LT. (Sheet 26 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	429
6	Construct 48"Ø Irrigation Well w/ Incidentals	Ea.	1
9	Furnish & Install 18"Ø Concrete Collar	Ea.	1
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	94
15	Trench Safety	L.F.	429
17	Removal of Existing Pipelines	L.F.	430

ADDENDUM NO. 2



SCALE
HORIZONTAL: NA
VERTICAL: NA

FERRIS, FLINN & MEDINA, LLC
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PSM REGISTRATION NO. 10020100 PSM REGISTRATION NO. F-807

UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
PROFILE QUANTITIES 02

SCALE: NA		SHEET 9 OF 46			
DN:		CONT	SECT	JOB	HIGHWAY
OK DN:		---	---	---	FM 494
DW:					
OK DW:		DIST	COUNTY		SHEET NO.
TR:		PHR	HIDALGO		
OK TR:					

QUANTITY TABLE

STA: 212+00 to 218+00 LT. (Sheet 27 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	600
2	Furnish & Install 15"Ø 80 PSI PIP PVC Pipe	L.F.	70
3	Furnish & Install 18" Sliding Gate	Ea.	2
6	Construct 48"Ø Irrigation Well w/ Incidentals	Ea.	3
8	Furnish & Install 15" Concrete Collar	Ea.	1
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	149
12	Construct 14" Outlet Valve w/ Incidentals	Ea.	3
15	Trench Safety	L.F.	670
16	Removal of Existing Standpipes & Valves	Ea.	9
17	Removal of Existing Pipelines	L.F.	634

STA: 212+00 to 218+00 RT. (Sheet 28 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	522
2	Furnish & Install 15"Ø 80 PSI PIP PVC Pipe	L.F.	240
6	Construct 48"Ø Irrigation Well w/ Incidentals	Ea.	4
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	164
12	Construct 14" Outlet Valve w/ Incidentals	Ea.	6
15	Trench Safety	L.F.	762
16	Removal of Existing Standpipes & Valves	Ea.	24
17	Removal of Existing Pipelines	L.F.	528

STA: 218+00 to 224+00 LT. (Sheet 29 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	539
2	Furnish & Install 15"Ø 80 PSI PIP PVC Pipe	L.F.	50
3	Furnish & Install 18" Sliding Gate	Ea.	5
5	Construct 9'x4' Irrigation Well w/ Incidentals	Ea.	1
6	Construct 48"Ø Irrigation Well w/ Incidentals	Ea.	3
9	Furnish & Install 18"Ø Concrete Collar	Ea.	6
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	90
11	Furnish & Install 24"Ø x 1/2" Steel Casing	L.F.	190
12	Construct 14" Outlet Valve w/ Incidentals	Ea.	5
15	Trench Safety	L.F.	399
16	Removal of Existing Standpipes & Valves	Ea.	10
17	Removal of Existing Pipelines	L.F.	615

STA: 218+00 to 224+00 RT. (Sheet 30 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	96
2	Furnish & Install 15"Ø 80 PSI PIP PVC Pipe	L.F.	40
3	Furnish & Install 18" Sliding Gate	Ea.	1
6	Construct 48"Ø Irrigation Well w/ Incidentals	Ea.	1
7	Construct 60"Ø Irrigation Well w/ Incidentals	Ea.	1
9	Furnish & Install 18"Ø Concrete Collar	Ea.	2
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	34
12	Construct 14" Outlet Valve w/ Incidentals	Ea.	4
15	Trench Safety	L.F.	136
16	Removal of Existing Standpipes & Valves	Ea.	9
17	Removal of Existing Pipelines	L.F.	544

STA: 224+00 to 230+00 LT. (Sheet 31 of 44)

Bid Item No.	Description	Units	Approx. Quantity
1	Furnish & Install 18"Ø 80 PSI PIP PVC Pipe	L.F.	164
2	Furnish & Install 15"Ø 80 PSI PIP PVC Pipe	L.F.	10
6	Construct 48"Ø Irrigation Well w/ Incidentals	Ea.	2
9	Furnish & Install 18"Ø Concrete Collar	Ea.	1
10	Pea Gravel for 80 PSI PVC Pipe Bedding	C.Y.	38
12	Construct 14" Outlet Valve w/ Incidentals	Ea.	1
15	Trench Safety	L.F.	174
16	Removal of Existing Standpipes & Valves	Ea.	1
17	Removal of Existing Pipelines	L.F.	143

ADDENDUM NO. 2



SCALE
HORIZONTAL: NA
VERTICAL: NA

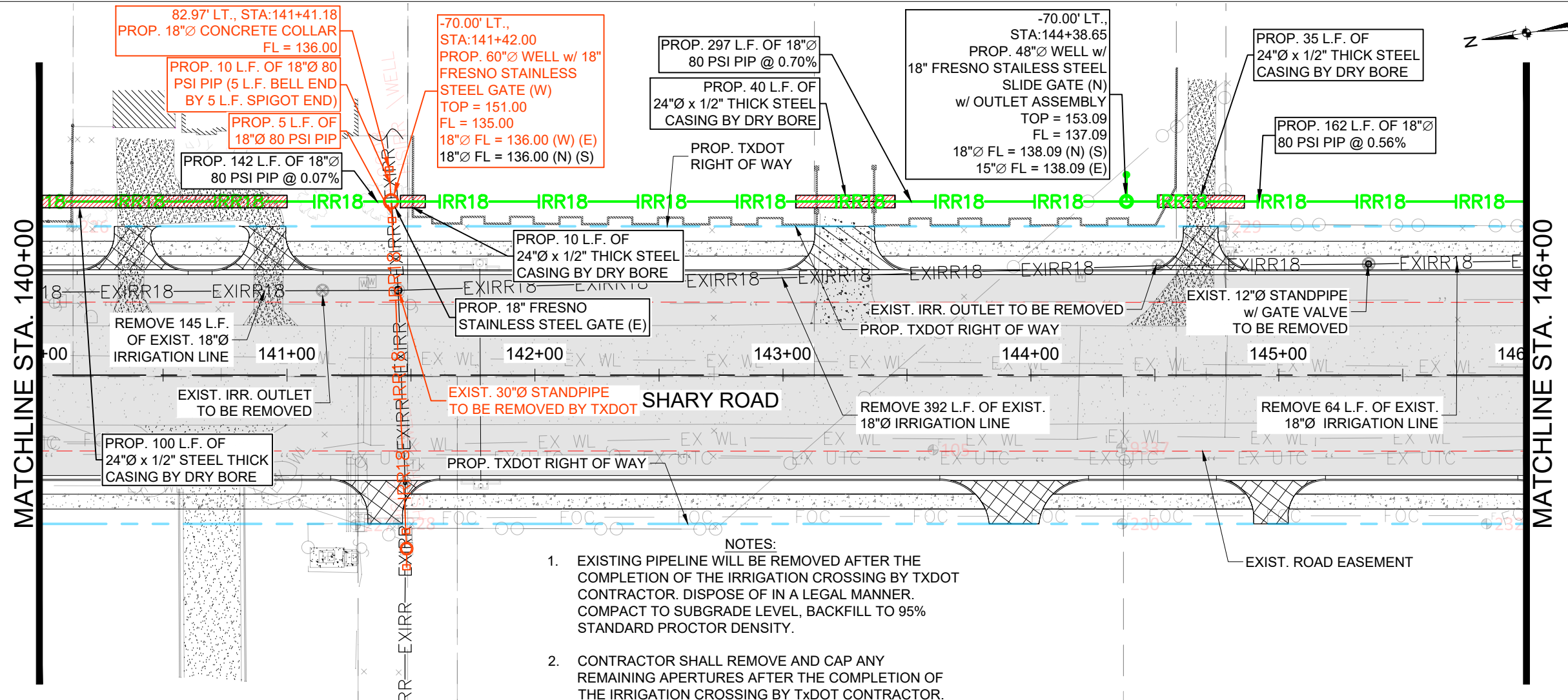
FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
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PHONE (956) 364-6736 FAX (956) 364-1023
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PRLM REGISTRATION NO. 10020100 PRLM REGISTRATION NO. F-887

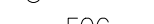
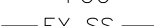
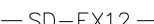
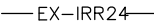
UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
PROFILE QUANTITIES 03

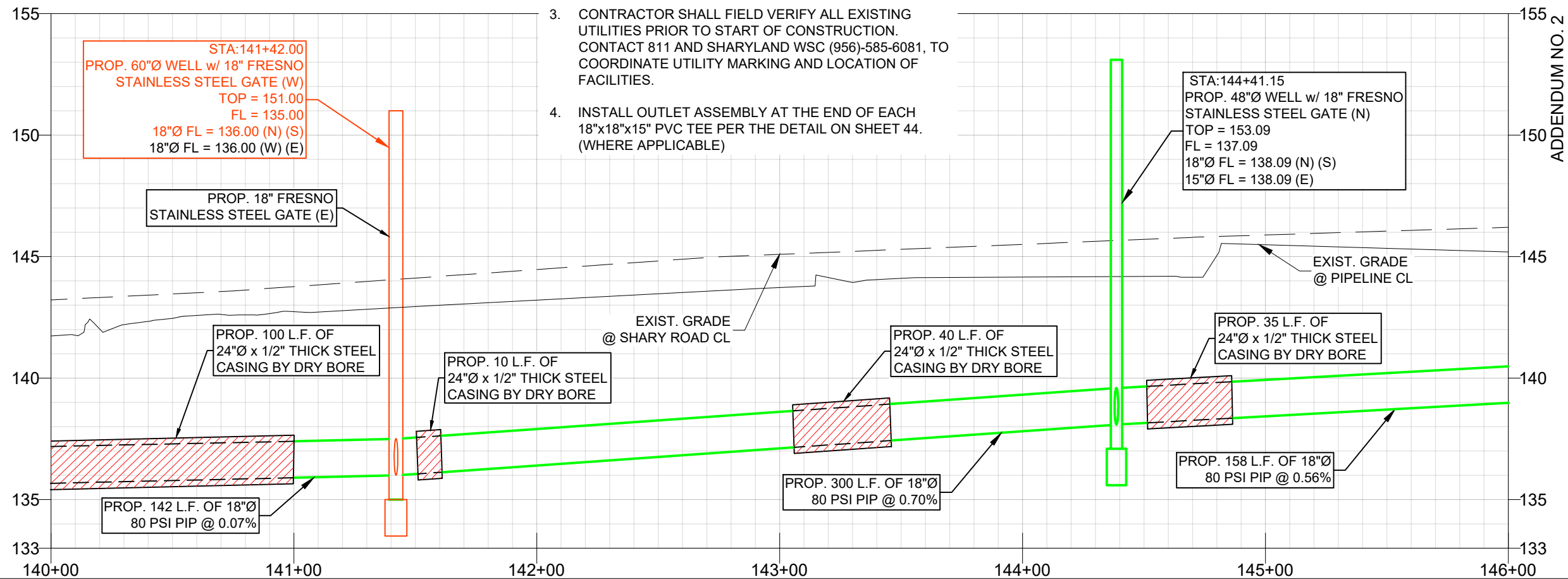
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DN:		CONT	SECT	JOB	HIGHWAY
OK DN:					
DW:		---	---	---	FM 494
OK DW:		DIST	COUNTY		SHEET NO.
TR:					
OK TR:		PHR	HIDALGO		

F:\0202 UJD\202-053A FM 494 Shary Road Project Mile 3 to Mile 5\DWG\202-053A FM494 M3-M5 Const Plans.dwg, 11-16, P8Ps



LEGEND	
	CONCRETE MONUMENT FOUND
	X MARK FOUND
	IRON ROD FOUND
	NAIL FOUND
	PIPE FOUND
	POST
	POWER POLE
	SIGN
	IRRIGATION WELL
	MANHOLE
	TRAFFIC LIGHT
	SECURITY LIGHT POST
	STREET LIGHT POST
	CURB INLET
	GRATE INLET
	EXIST. OVERHEAD POWER LINE
	EXIST. FENCE
	EXIST. FIBER OPTIC CABLE
	EXIST. SANITARY SEWER
	EXIST. STORM DRAIN
	EXIST. 12" STORM DRAIN
	EXIST. 15" IRRIGATION LINE
	EXIST. 18" IRRIGATION LINE
	EXIST. 24" IRRIGATION LINE
	PROP. 18" IRRIGATION LINE BY U.I.D.
	PROP. 18" IRRIGATION LINE BY TXDOT
	PROP. 24" IRRIGATION LINE BY TXDOT
	EXIST. ROAD EASEMENT
	EXIST. TxDOT RIGHT OF WAY
	PROP. TxDOT RIGHT OF WAY

- NOTES:
- EXISTING PIPELINE WILL BE REMOVED AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TXDOT CONTRACTOR. DISPOSE OF IN A LEGAL MANNER. COMPACT TO SUBGRADE LEVEL, BACKFILL TO 95% STANDARD PROCTOR DENSITY.
 - CONTRACTOR SHALL REMOVE AND CAP ANY REMAINING APERTURES AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TXDOT CONTRACTOR.
 - CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. CONTACT 811 AND SHARYLAND WSC (956)-585-6081, TO COORDINATE UTILITY MARKING AND LOCATION OF FACILITIES.
 - INSTALL OUTLET ASSEMBLY AT THE END OF EACH 18"x18"x15" PVC TEE PER THE DETAIL ON SHEET 44. (WHERE APPLICABLE)



SCALE
HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

FERRIS, FLINN & MEDINA, LLC
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TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PRL REGISTRATION NO. 190207000 PRL REGISTRATION NO. 1-887

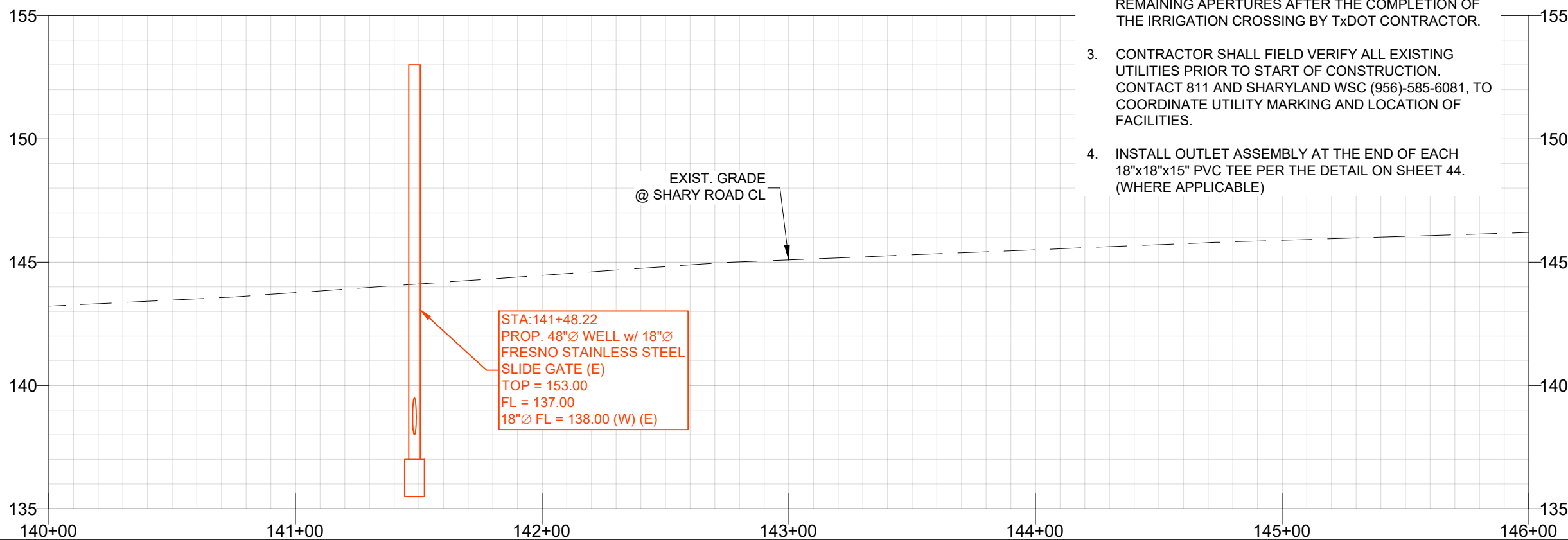
UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
IRRIGATION PLAN & PROFILE LT.
STA. 140+00 TO STA. 146+00

SCALE: 1" = 50'		SHEET 12 OF 46	
DN:		CONT	SECT
OK DN:		---	---
DW:			
OK DW:			
TR:		DIST	COUNTY
OK TR:		PHR	HIDALGO
			HIGHWAY
			FM 494
			SHEET NO.

MATCHLINE STA. 140+00

MATCHLINE STA. 146+00



PROP. TXDOT
RIGHT OF WAY

EXIST. ROAD
EASEMENT

SHARY ROAD

EXIST. 12"Ø STANDPIPE
TO BE REMOVED

EXIST. ROAD EASEMENT

NOTES:

1. EXISTING PIPELINE WILL BE REMOVED AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TXDOT CONTRACTOR. DISPOSE OF IN A LEGAL MANNER. COMPACT TO SUBGRADE LEVEL, BACKFILL TO 95% STANDARD PROCTOR DENSITY.
2. CONTRACTOR SHALL REMOVE AND CAP ANY REMAINING APERTURES AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TXDOT CONTRACTOR.
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4. INSTALL OUTLET ASSEMBLY AT THE END OF EACH 18"x18"x15" PVC TEE PER THE DETAIL ON SHEET 44. (WHERE APPLICABLE)

LEGEND

	CONCRETE MONUMENT FOUND
	X MARK FOUND
	IRON ROD FOUND
	NAIL FOUND
	PIPE FOUND
	POST
	POWER POLE
	SIGN
	IRRIGATION WELL
	MANHOLE
	TRAFFIC LIGHT
	SECURITY LIGHT POST
	STREET LIGHT POST
	CURB INLET
	GRATE INLET
	EXIST. OVERHEAD POWER LINE
	EXIST. FENCE
	EXIST. FIBER OPTIC CABLE
	EXIST. SANITARY SEWER
	EXIST. STORM DRAIN
	EXIST. 12" STORM DRAIN
	EXIST. 15" IRRIGATION LINE
	EXIST. 18" IRRIGATION LINE
	EXIST. 24" IRRIGATION LINE
	PROP. 18" IRRIGATION LINE BY U.I.D.
	PROP. 18" IRRIGATION LINE BY TXDOT
	PROP. 24" IRRIGATION LINE BY TXDOT
	EXIST. ROAD EASEMENT
	EXIST. TXDOT RIGHT OF WAY
	PROP. TXDOT RIGHT OF WAY



Antonio Reyna
12.5.2025

SCALE

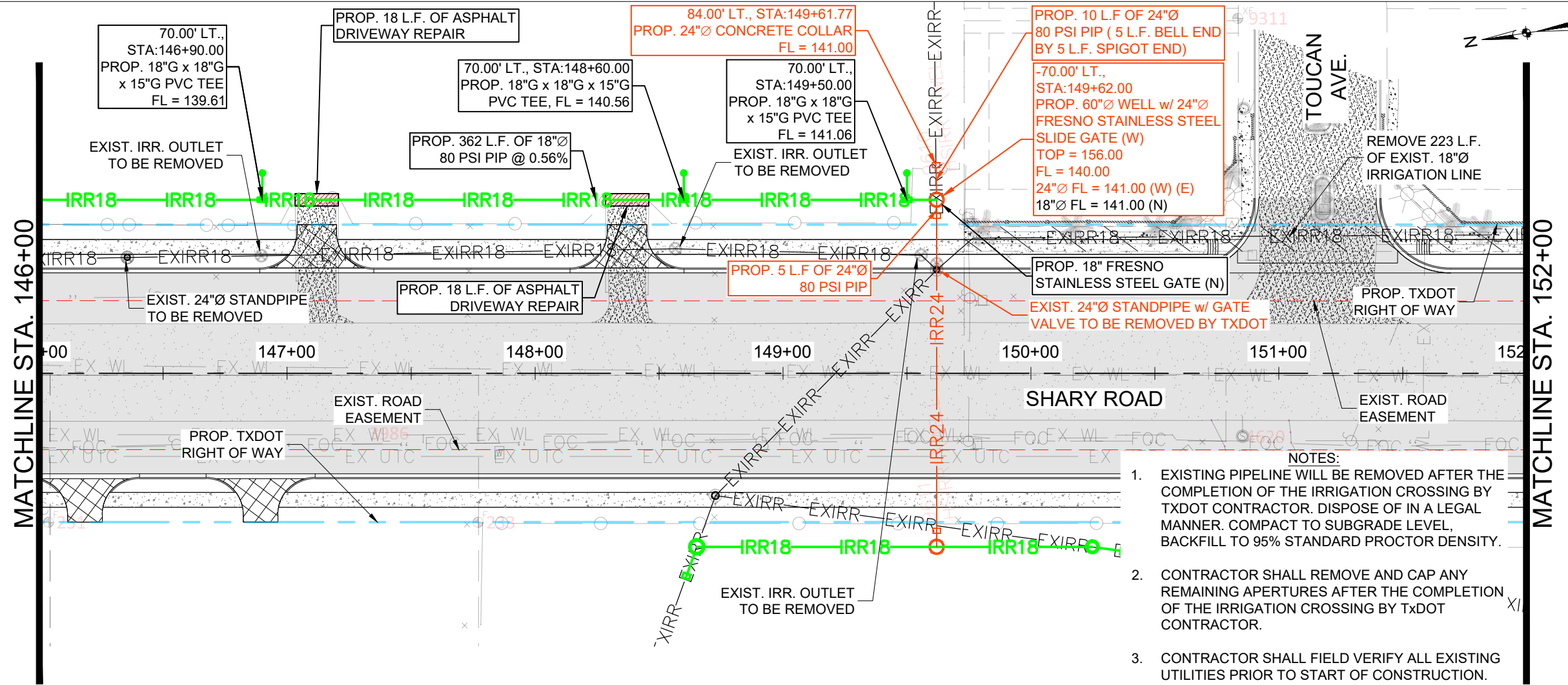
HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
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HARLINGEN, TEXAS 79552
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TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PRLM REGISTRATION NO. 100201000 PRLM REGISTRATION NO. 1-887

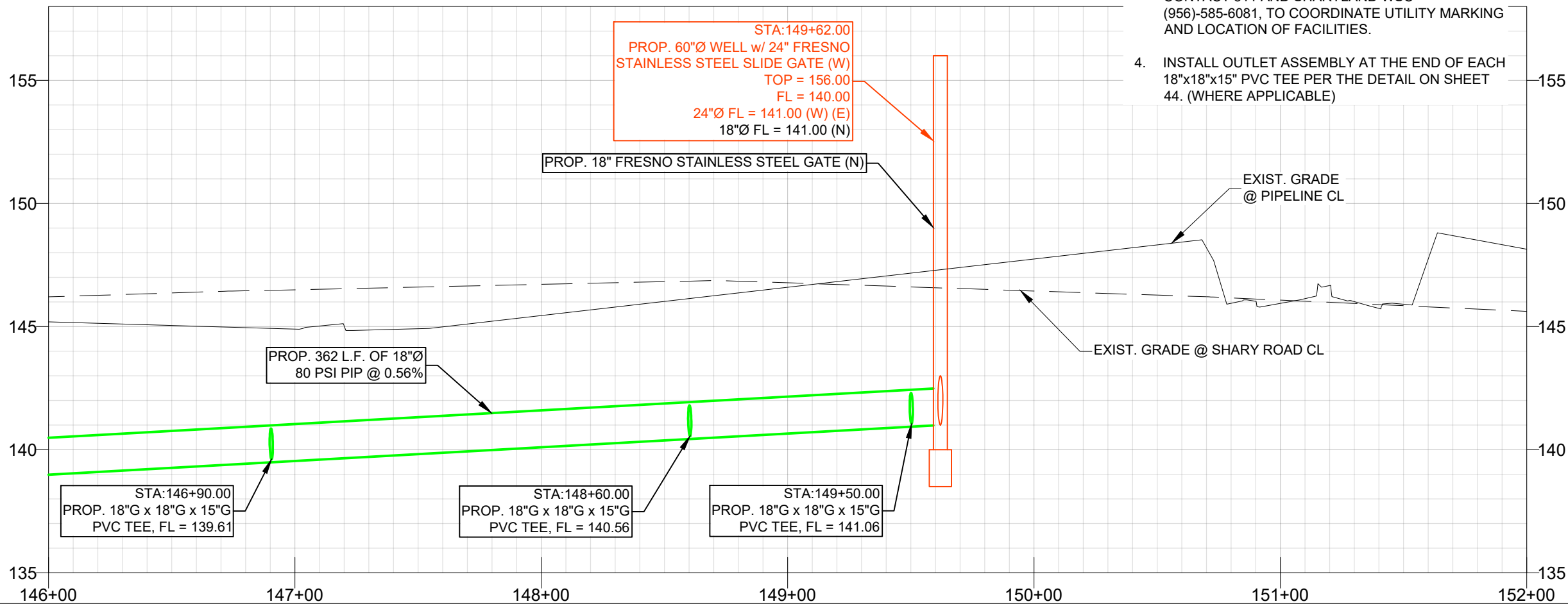
UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
IRRIGATION PLAN & PROFILE RT.
STA. 140+00 TO STA. 146+00

SCALE: 1" = 50'		SHEET 13 OF 46			
DN:		CONT	SECT	JOB	HIGHWAY
OK DN:					FM 494
DW:					
OK DW:		DIST	COUNTY	SHEET NO.	
TR:		PHR	HIDALGO		
OK TR:					



- NOTES:
- EXISTING PIPELINE WILL BE REMOVED AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TXDOT CONTRACTOR. DISPOSE OF IN A LEGAL MANNER. COMPACT TO SUBGRADE LEVEL, BACKFILL TO 95% STANDARD PROCTOR DENSITY.
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 - INSTALL OUTLET ASSEMBLY AT THE END OF EACH 18"x18"x15" PVC TEE PER THE DETAIL ON SHEET 44. (WHERE APPLICABLE)



LEGEND

- CONCRETE MONUMENT FOUND
- X MARK FOUND
- IRON ROD FOUND
- NAIL FOUND
- PIPE FOUND
- POST
- POWER POLE
- SIGN
- IRRIGATION WELL
- MANHOLE
- TRAFFIC LIGHT
- SECURITY LIGHT POST
- STREET LIGHT POST
- CURB INLET
- GRATE INLET
- EXIST. OVERHEAD POWER LINE
- EXIST. FENCE
- FOC — EXIST. FIBER OPTIC CABLE
- EX SS — EXIST. SANITARY SEWER
- SD-EX — EXIST. STORM DRAIN
- SD-EX12 — EXIST. 12" STORM DRAIN
- EXIRR15 — EXIST. 15" IRRIGATION LINE
- EXIRR18 — EXIST. 18" IRRIGATION LINE
- EX-IRR24 — EXIST. 24" IRRIGATION LINE
- IRR18 — PROP. 18" IRRIGATION LINE BY U.I.D.
- IRR18 — PROP. 18" IRRIGATION LINE BY TXDOT
- IRR24 — PROP. 24" IRRIGATION LINE BY TXDOT
- EXIST. ROAD EASEMENT
- EXIST. TXDOT RIGHT OF WAY
- PROP. TXDOT RIGHT OF WAY

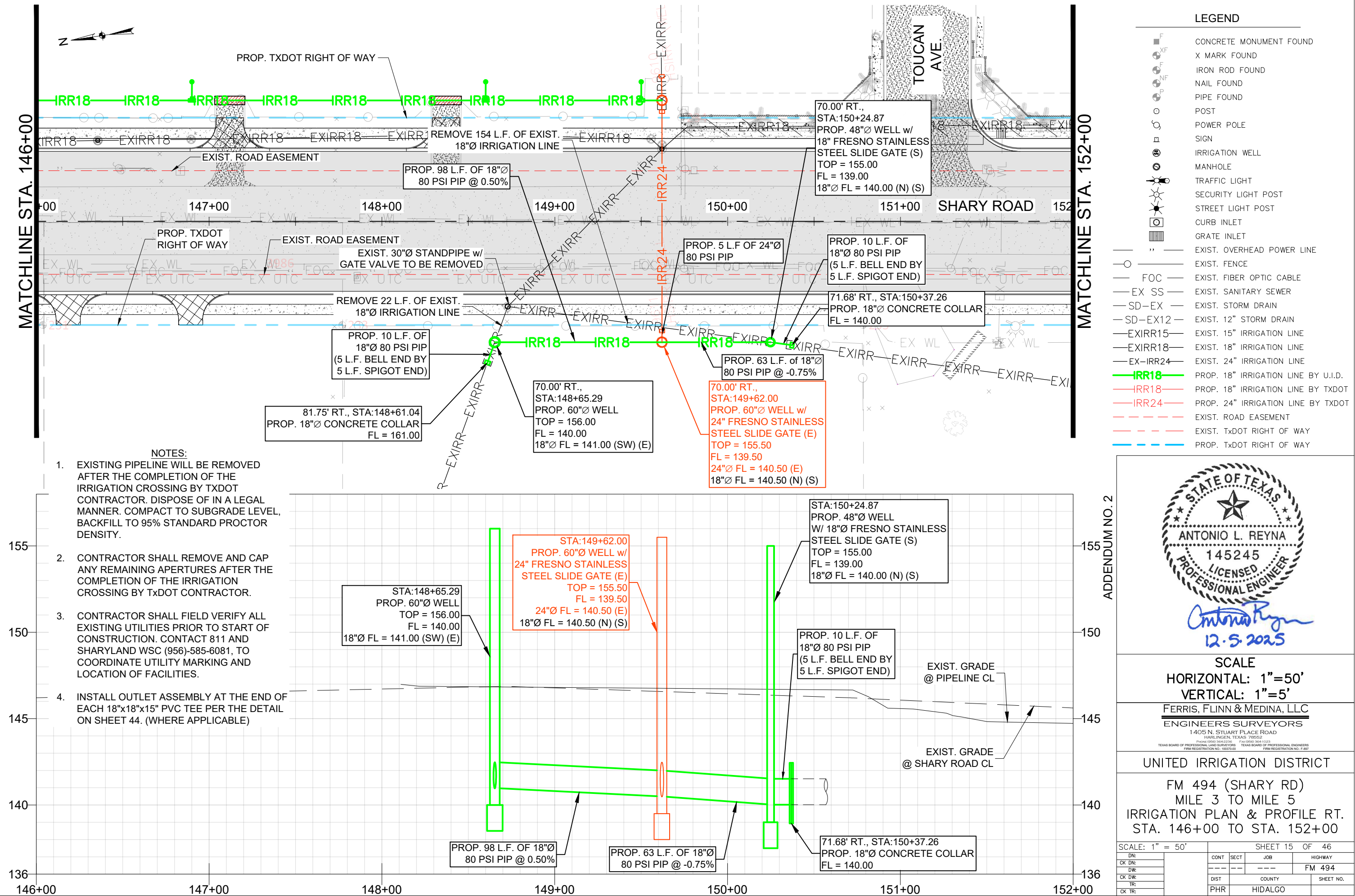
STATE OF TEXAS
ANTONIO L. REYNA
145245
LICENSED
PROFESSIONAL ENGINEER
12.5.2025

SCALE
HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

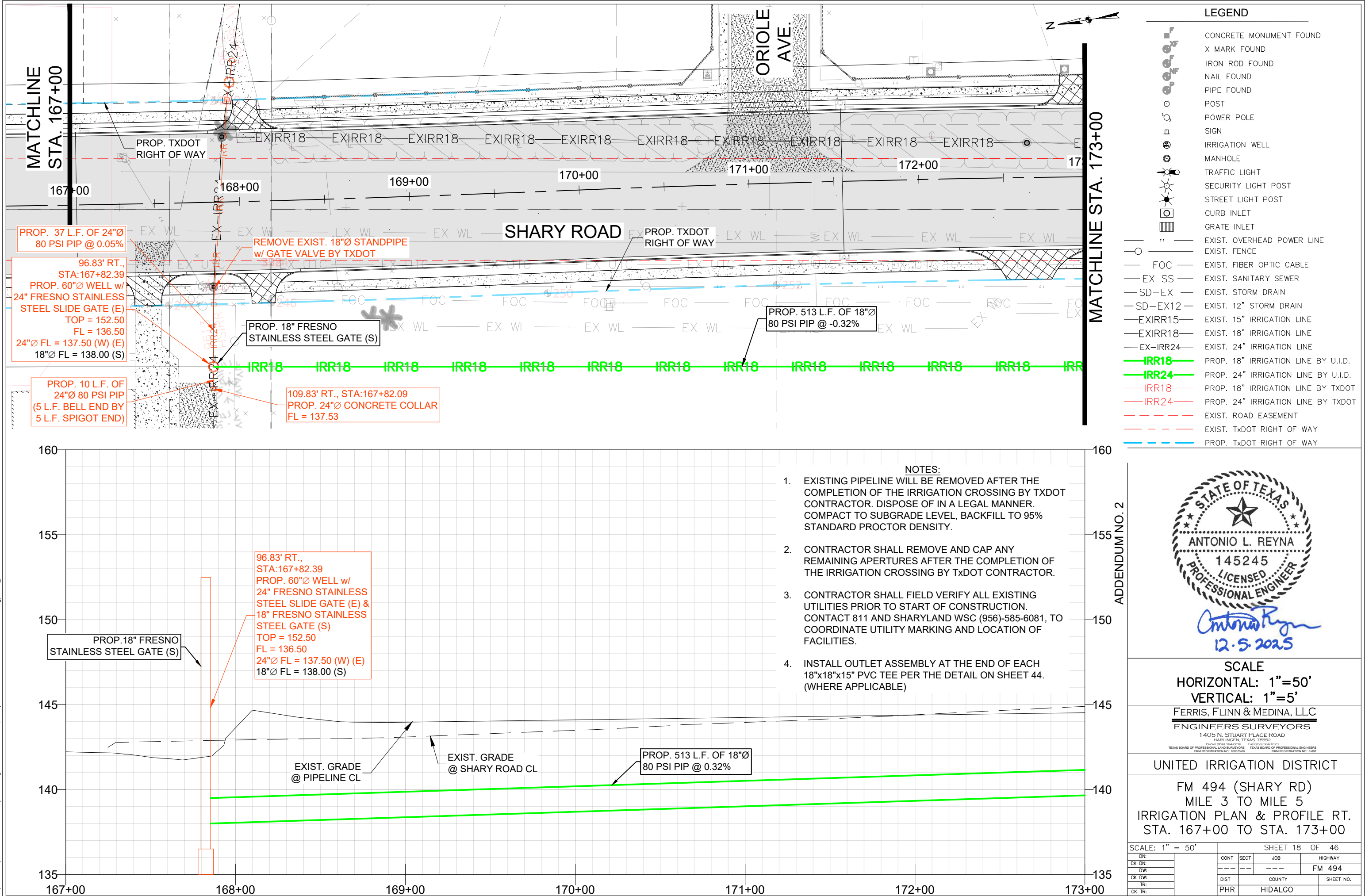
FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
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HARLINGEN, TEXAS 79522
PHONE (956) 364-2736 FAX (956) 364-1023
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PSM REGISTRATION NO. 100200000 P.E. REGISTRATION NO. 1-887

UNITED IRRIGATION DISTRICT
FM 494 (SHARY RD)
MILE 3 TO MILE 5
IRRIGATION PLAN & PROFILE LT.
STA. 146+00 TO STA. 152+00

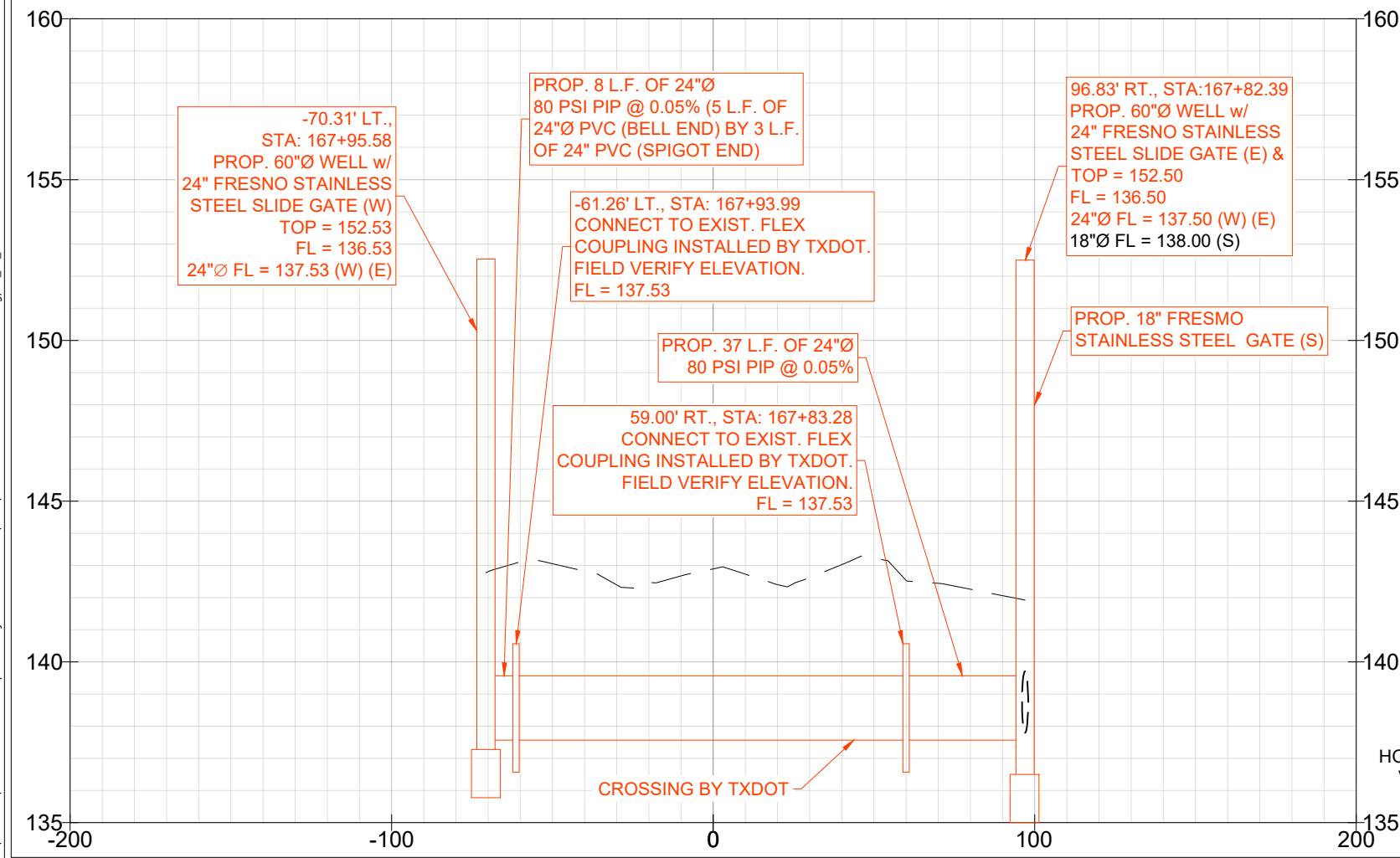
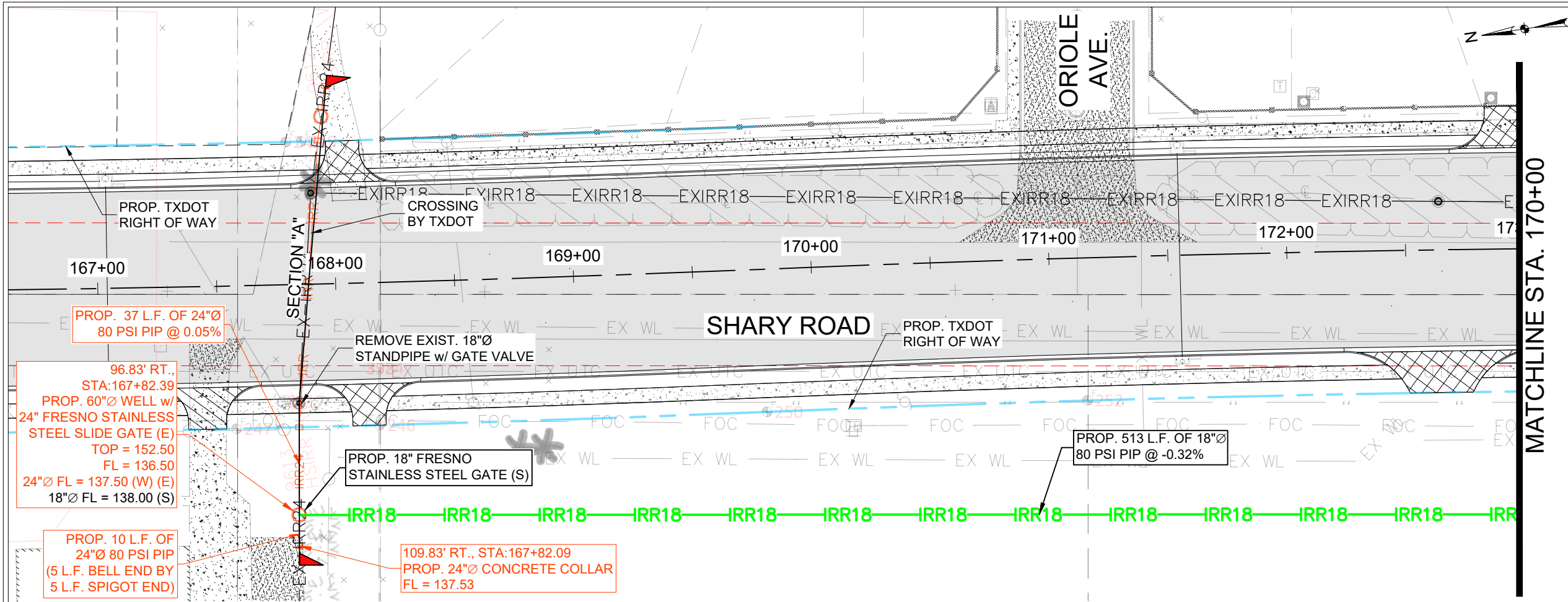
SCALE: 1" = 50'		SHEET 14 OF 46	
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OK DW:			
TR:		DIST	COUNTY
OK TR:		PHR	HIDALGO



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F:\0202 JD\0202-053A FM 494 Shary Road Project Mile 3 to Mile 5\DWG\202-053A FM494 M3-M5 Const Plans.dwg, 17_21_P&Ps



- NOTES:
- EXISTING PIPELINE WILL BE REMOVED AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TXDOT CONTRACTOR. DISPOSE OF IN A LEGAL MANNER. COMPACT TO SUBGRADE LEVEL, BACKFILL TO 95% STANDARD PROCTOR DENSITY.
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 - INSTALL OUTLET ASSEMBLY AT THE END OF EACH 18"x18"x15" PVC TEE PER THE DETAIL ON SHEET 44. (WHERE APPLICABLE)
 - REFER TO SHEET 17 (LT) AND SHEET 18 (RT) FOR QUANTITIES

ADDENDUM NO. 2

LEGEND

- CONCRETE MONUMENT FOUND
- X MARK FOUND
- IRON ROD FOUND
- NAIL FOUND
- PIPE FOUND
- POST
- POWER POLE
- SIGN
- IRRIGATION WELL
- MANHOLE
- TRAFFIC LIGHT
- SECURITY LIGHT POST
- STREET LIGHT POST
- CURB INLET
- GRATE INLET
- EXIST. OVERHEAD POWER LINE
- EXIST. FENCE
- FOC
- EX SS
- SD-EX
- SD-EX12
- EXIRR15
- EXIRR18
- EX-IRR24
- IRR18
- IRR18
- IRR24
- EXIST. ROAD EASEMENT
- EXIST. TXDOT RIGHT OF WAY
- PROP. TXDOT RIGHT OF WAY

STATE OF TEXAS

ANTONIO L. REYNA

145245

LICENSED PROFESSIONAL ENGINEER

Antonio Reyna

12.5.2025

SCALE

HORIZONTAL: 1"=50'

VERTICAL: 1"=5'

FERRIS, FLINN & MEDINA, LLC

ENGINEERS SURVEYORS

1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79552
PHONE (956) 364-0286 FAX (956) 364-1023
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PRL REGISTRATION NO. 130020-00 PRL REGISTRATION NO. 1-887

UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)

MILE 3 TO MILE 5

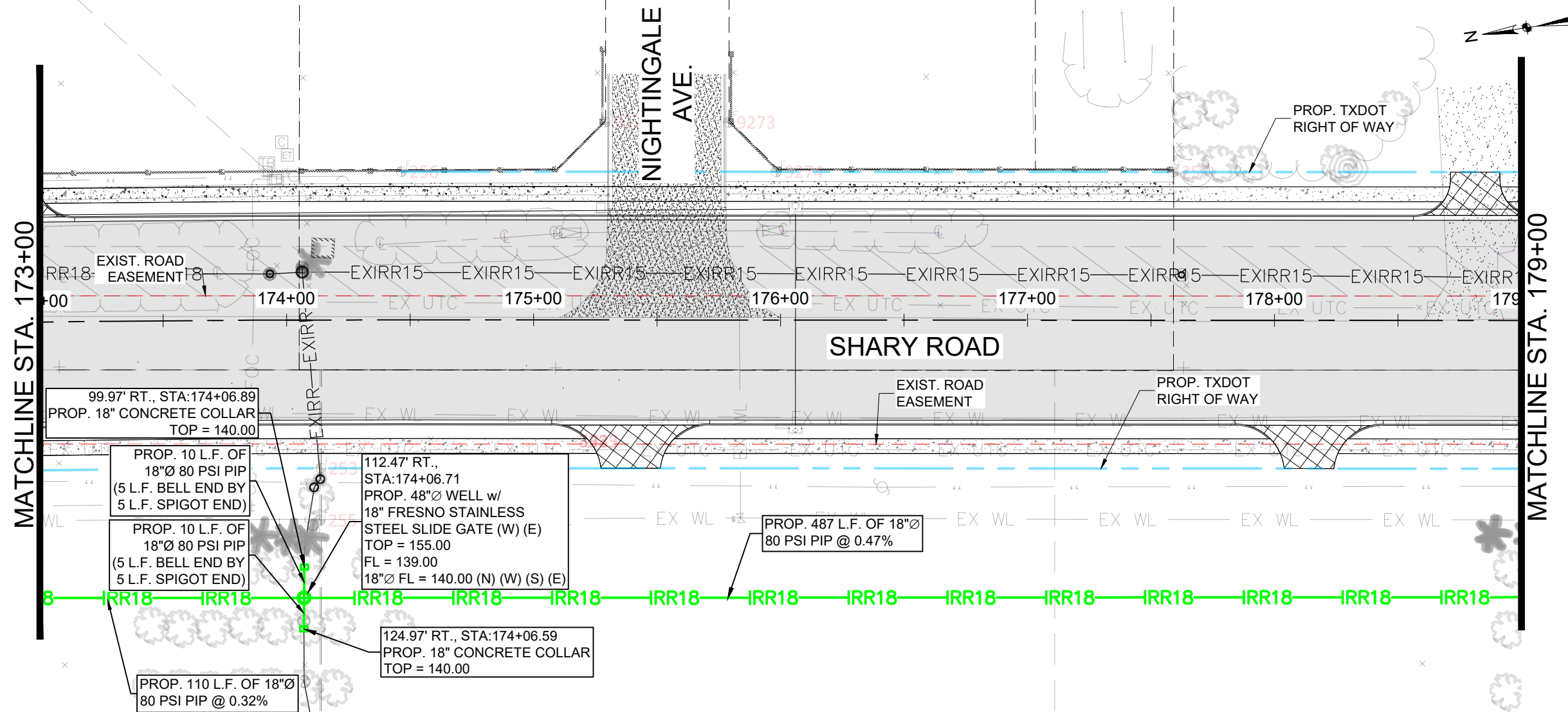
IRRIGATION SECTION VIEW

STA. 167+00 TO STA. 173+00

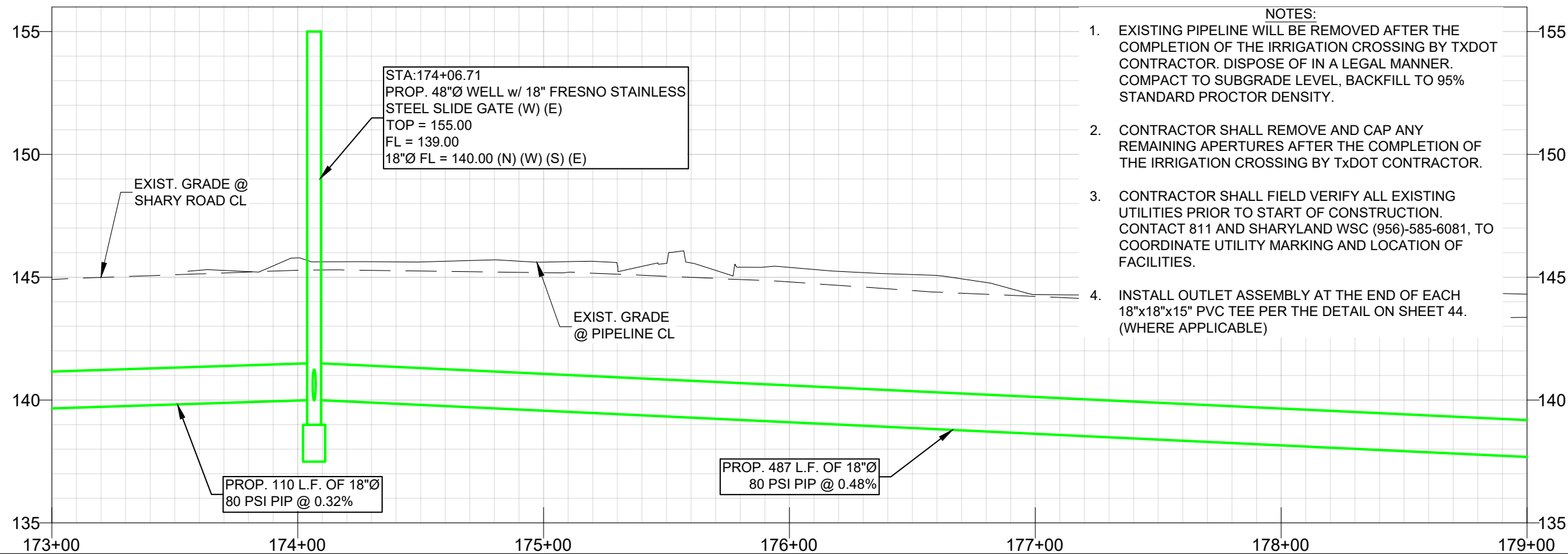
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DW:			
OK DW:			
TR:		DIST	COUNTY
OK TR:		PHR	HIDALGO

JOB	HIGHWAY
---	FM 494
SHEET NO.	

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LEGEND	
	CONCRETE MONUMENT FOUND
	X MARK FOUND
	IRON ROD FOUND
	NAIL FOUND
	PIPE FOUND
	POST
	POWER POLE
	SIGN
	IRRIGATION WELL
	MANHOLE
	TRAFFIC LIGHT
	SECURITY LIGHT POST
	STREET LIGHT POST
	CURB INLET
	GRATE INLET
	EXIST. OVERHEAD POWER LINE
	EXIST. FENCE
	EXIST. FIBER OPTIC CABLE
	EXIST. SANITARY SEWER
	EXIST. STORM DRAIN
	EXIST. 12" STORM DRAIN
	EXIST. 15" IRRIGATION LINE
	EXIST. 18" IRRIGATION LINE
	EXIST. 24" IRRIGATION LINE
	PROP. 18" IRRIGATION LINE BY U.I.D.
	PROP. 18" IRRIGATION LINE BY TxDOT
	PROP. 24" IRRIGATION LINE BY TxDOT
	EXIST. ROAD EASEMENT
	EXIST. TxDOT RIGHT OF WAY
	PROP. TxDOT RIGHT OF WAY



- NOTES:
- EXISTING PIPELINE WILL BE REMOVED AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TxDOT CONTRACTOR. DISPOSE OF IN A LEGAL MANNER. COMPACT TO SUBGRADE LEVEL, BACKFILL TO 95% STANDARD PROCTOR DENSITY.
 - CONTRACTOR SHALL REMOVE AND CAP ANY REMAINING APERTURES AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TxDOT CONTRACTOR.
 - CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. CONTACT 811 AND SHARYLAND WSC (956)-585-6081, TO COORDINATE UTILITY MARKING AND LOCATION OF FACILITIES.
 - INSTALL OUTLET ASSEMBLY AT THE END OF EACH 18"x18"x15" PVC TEE PER THE DETAIL ON SHEET 44. (WHERE APPLICABLE)

ADDENDUM NO. 2



12.5.2025

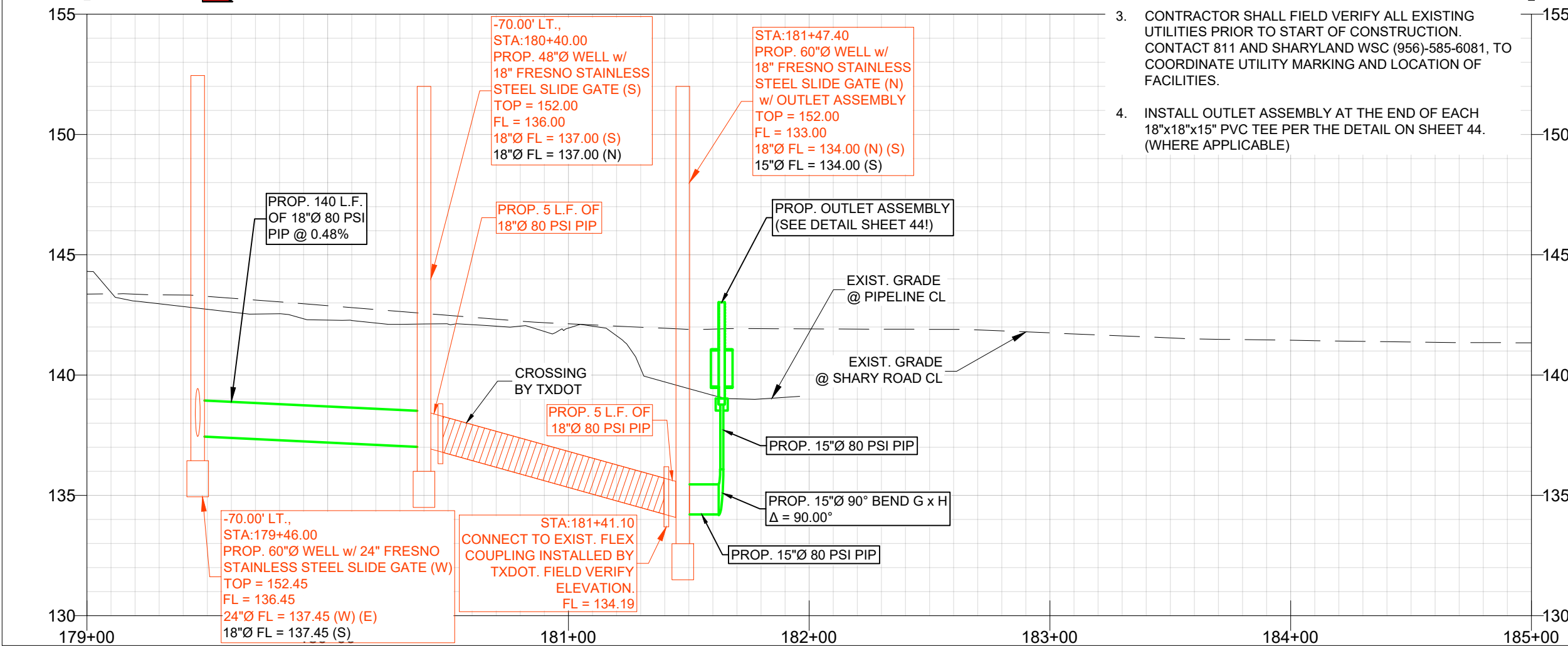
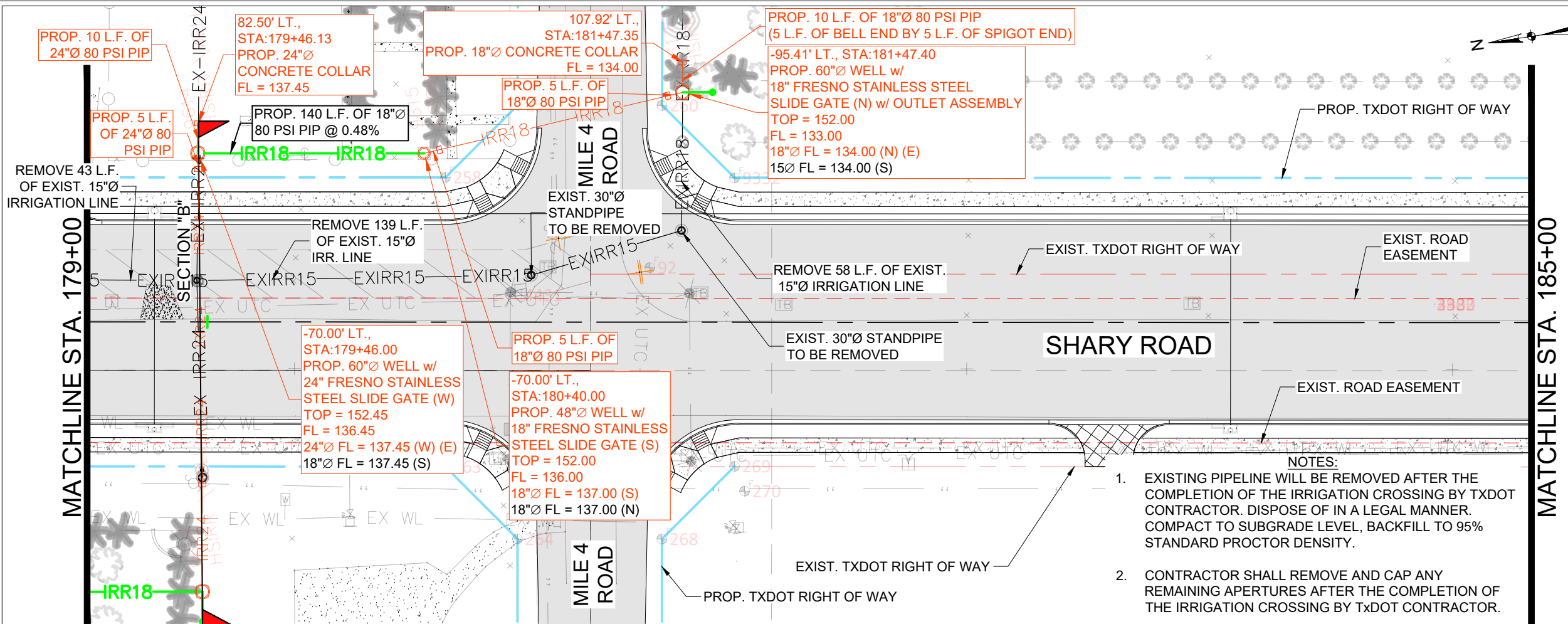
SCALE
HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79522
PHONE (956) 364-0200 FAX (956) 364-1023
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PRL REGISTRATION NO. 130230-00 PRL REGISTRATION NO. 1-887

UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
IRRIGATION PLAN & PROFILE RT.
STA. 173+00 TO STA. 179+00

SCALE: 1" = 50'		SHEET 21 OF 46	
DN:		CONT	SECT
OK DN:			
DW:			
OK DW:			
TR:		DIST	COUNTY
OK TR:		PHR	HIDALGO
			HIGHWAY
			FM 494
			SHEET NO.



- NOTES:
- EXISTING PIPELINE WILL BE REMOVED AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TXDOT CONTRACTOR. DISPOSE OF IN A LEGAL MANNER. COMPACT TO SUBGRADE LEVEL, BACKFILL TO 95% STANDARD PROCTOR DENSITY.
 - CONTRACTOR SHALL REMOVE AND CAP ANY REMAINING APERTURES AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TXDOT CONTRACTOR.
 - CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. CONTACT 811 AND SHARYLAND WSC (956)-585-6081, TO COORDINATE UTILITY MARKING AND LOCATION OF FACILITIES.
 - INSTALL OUTLET ASSEMBLY AT THE END OF EACH 18"x18"x15" PVC TEE PER THE DETAIL ON SHEET 44. (WHERE APPLICABLE)

LEGEND

- CONCRETE MONUMENT FOUND
- X MARK FOUND
- IRON ROD FOUND
- NAIL FOUND
- PIPE FOUND
- POST
- POWER POLE
- SIGN
- IRRIGATION WELL
- MANHOLE
- TRAFFIC LIGHT
- SECURITY LIGHT POST
- STREET LIGHT POST
- CURB INLET
- GRATE INLET
- EXIST. OVERHEAD POWER LINE
- EXIST. FENCE
- FOC
- EXIST. FIBER OPTIC CABLE
- EX SS
- EXIST. SANITARY SEWER
- SD-EX
- EXIST. STORM DRAIN
- SD-EX12
- EXIST. 12" STORM DRAIN
- EXIRR15
- EXIST. 15" IRRIGATION LINE
- EXIRR18
- EXIST. 18" IRRIGATION LINE
- EX-IRR24
- EXIST. 24" IRRIGATION LINE
- IRR18
- PROP. 18" IRRIGATION LINE BY U.I.D.
- IRR18
- PROP. 18" IRRIGATION LINE BY TXDOT
- IRR24
- PROP. 24" IRRIGATION LINE BY TXDOT
- EXIST. ROAD EASEMENT
- EXIST. TXDOT RIGHT OF WAY
- PROP. TXDOT RIGHT OF WAY

STATE OF TEXAS

ANTONIO L. REYNA

145245

LICENSED PROFESSIONAL ENGINEER

Antonio Reyna

12.5.2025

SCALE

HORIZONTAL: 1"=50'

VERTICAL: 1"=5'

FERRIS, FLINN & MEDINA, LLC

ENGINEERS SURVEYORS

1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79532
PHONE (956) 364-2736 FAX (956) 364-1023
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
P.L.S. REGISTRATION NO. 130020-00 P.E. REGISTRATION NO. 1-887

UNITED IRRIGATION DISTRICT

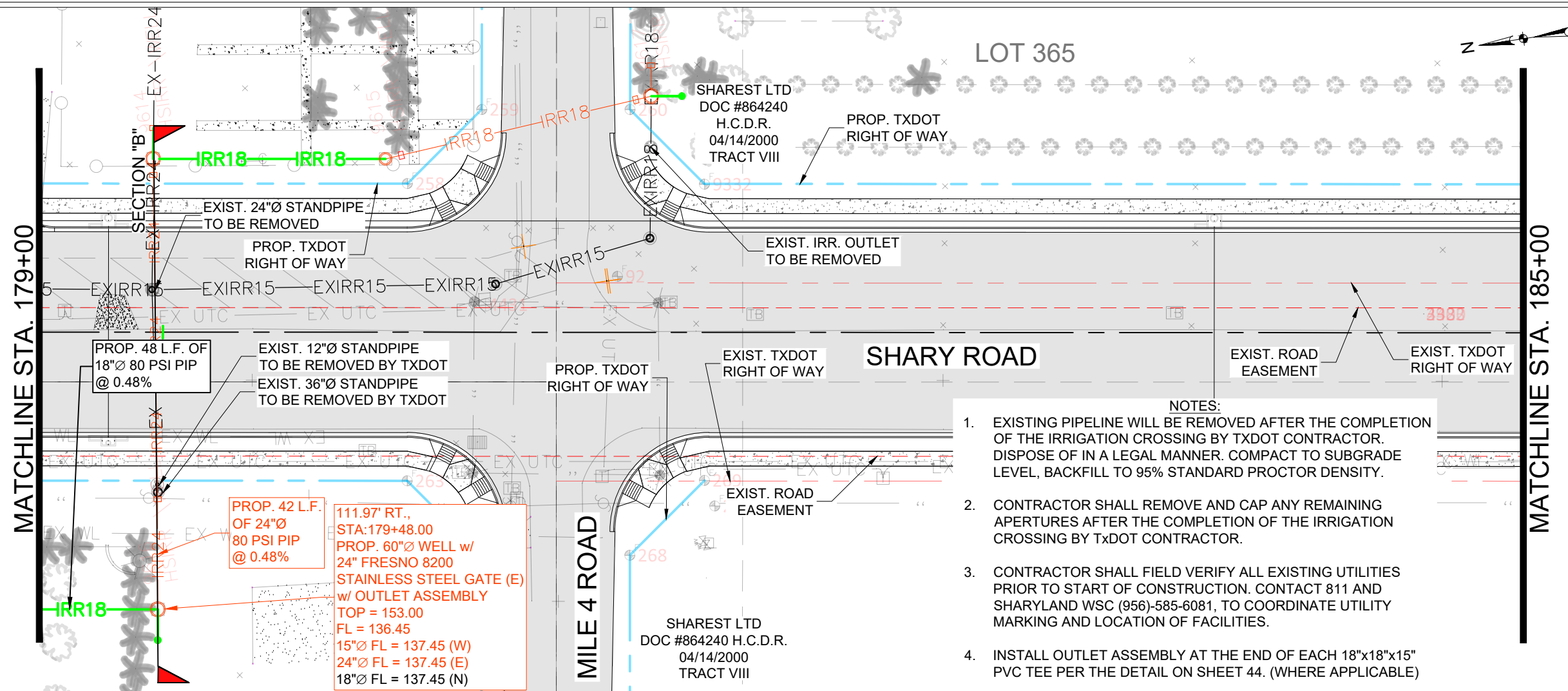
FM 494 (SHARY RD)

MILE 3 TO MILE 5

IRRIGATION PLAN & PROFILE LT.

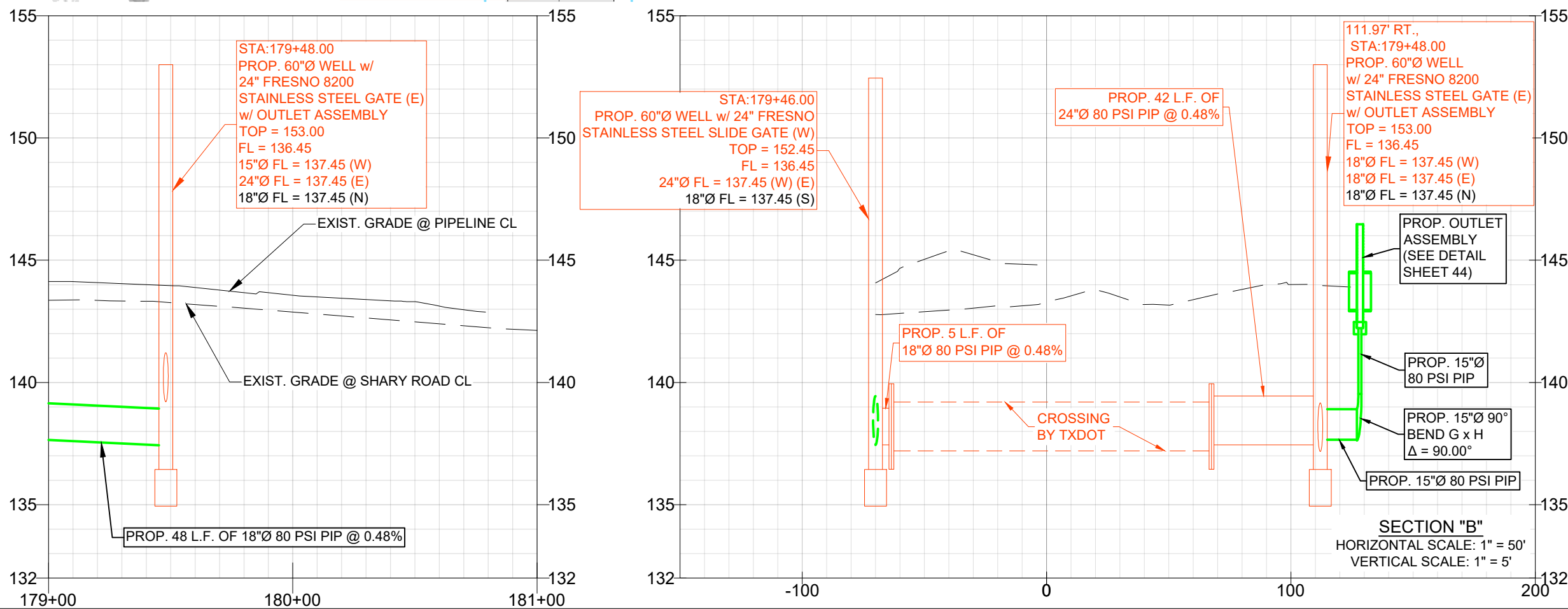
STA. 179+00 TO STA. 185+00

SCALE: 1" = 50'		SHEET 22 OF 46	
DN:		CONT	SECT
OK DN:			
DW:			
OK DW:			
TR:		DIST	COUNTY
OK TR:		PHR	HIDALGO



- NOTES:
1. EXISTING PIPELINE WILL BE REMOVED AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TXDOT CONTRACTOR. DISPOSE OF IN A LEGAL MANNER. COMPACT TO SUBGRADE LEVEL, BACKFILL TO 95% STANDARD PROCTOR DENSITY.
 2. CONTRACTOR SHALL REMOVE AND CAP ANY REMAINING APERTURES AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TXDOT CONTRACTOR.
 3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. CONTACT 811 AND SHARYLAND WSC (956)-585-6081, TO COORDINATE UTILITY MARKING AND LOCATION OF FACILITIES.
 4. INSTALL OUTLET ASSEMBLY AT THE END OF EACH 18"x18"x15" PVC TEE PER THE DETAIL ON SHEET 44. (WHERE APPLICABLE)

LEGEND	
	CONCRETE MONUMENT FOUND
	X MARK FOUND
	IRON ROD FOUND
	NAIL FOUND
	PIPE FOUND
	POST
	POWER POLE
	SIGN
	IRRIGATION WELL
	MANHOLE
	TRAFFIC LIGHT
	SECURITY LIGHT POST
	STREET LIGHT POST
	CURB INLET
	GRATE INLET
	EXIST. OVERHEAD POWER LINE
	EXIST. FENCE
	EXIST. FIBER OPTIC CABLE
	EXIST. SANITARY SEWER
	EXIST. STORM DRAIN
	EXIST. 12" STORM DRAIN
	EXIST. 15" IRRIGATION LINE
	EXIST. 18" IRRIGATION LINE
	EXIST. 24" IRRIGATION LINE
	PROP. 18" IRRIGATION LINE BY U.I.D.
	PROP. 24" IRRIGATION LINE BY U.I.D.
	PROP. 18" IRRIGATION LINE BY TXDOT
	PROP. 24" IRRIGATION LINE BY TXDOT
	EXIST. ROAD EASEMENT
	EXIST. TXDOT RIGHT OF WAY
	PROP. TXDOT RIGHT OF WAY



ADDENDUM NO. 2

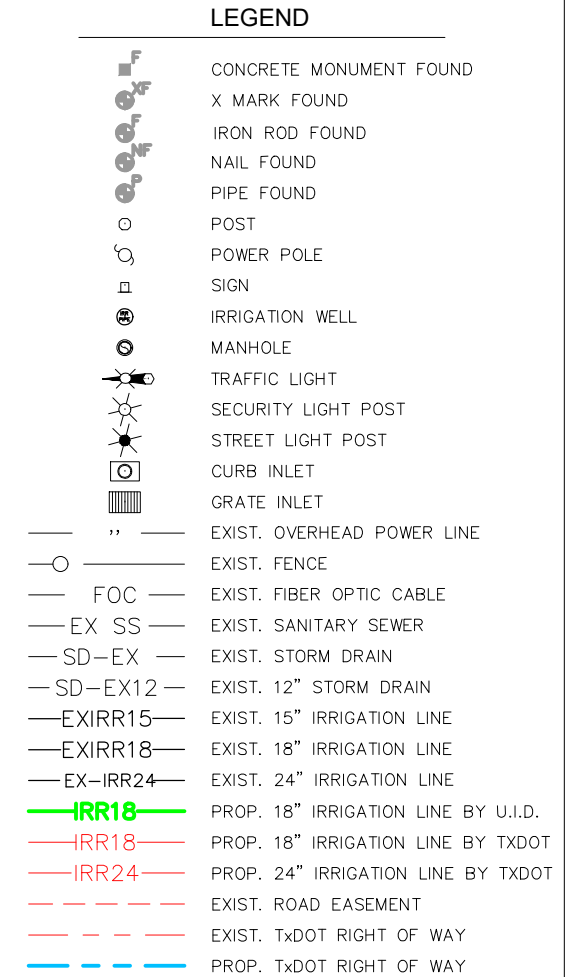
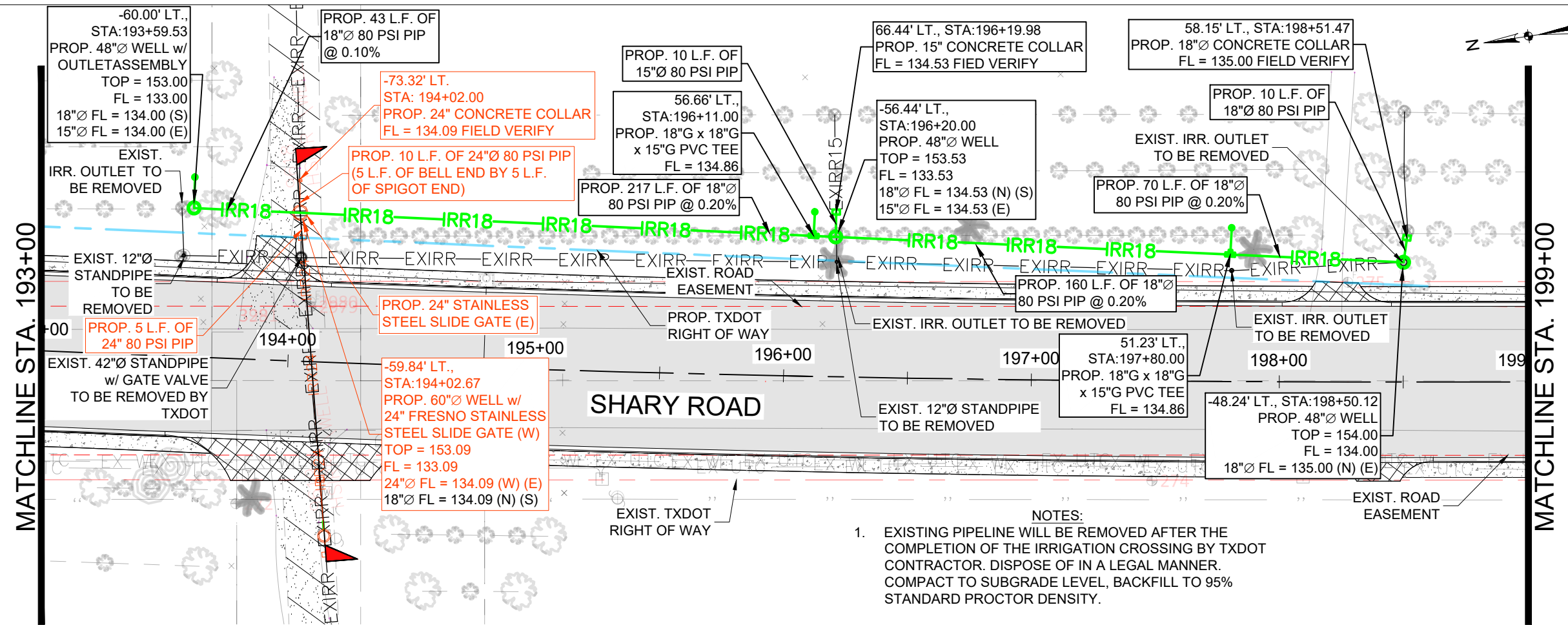
SCALE
HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79552
PHONE (956) 364-0700 FAX (956) 364-1003
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PRL REGISTRATION NO. 100207000 PRL REGISTRATION NO. 1-887

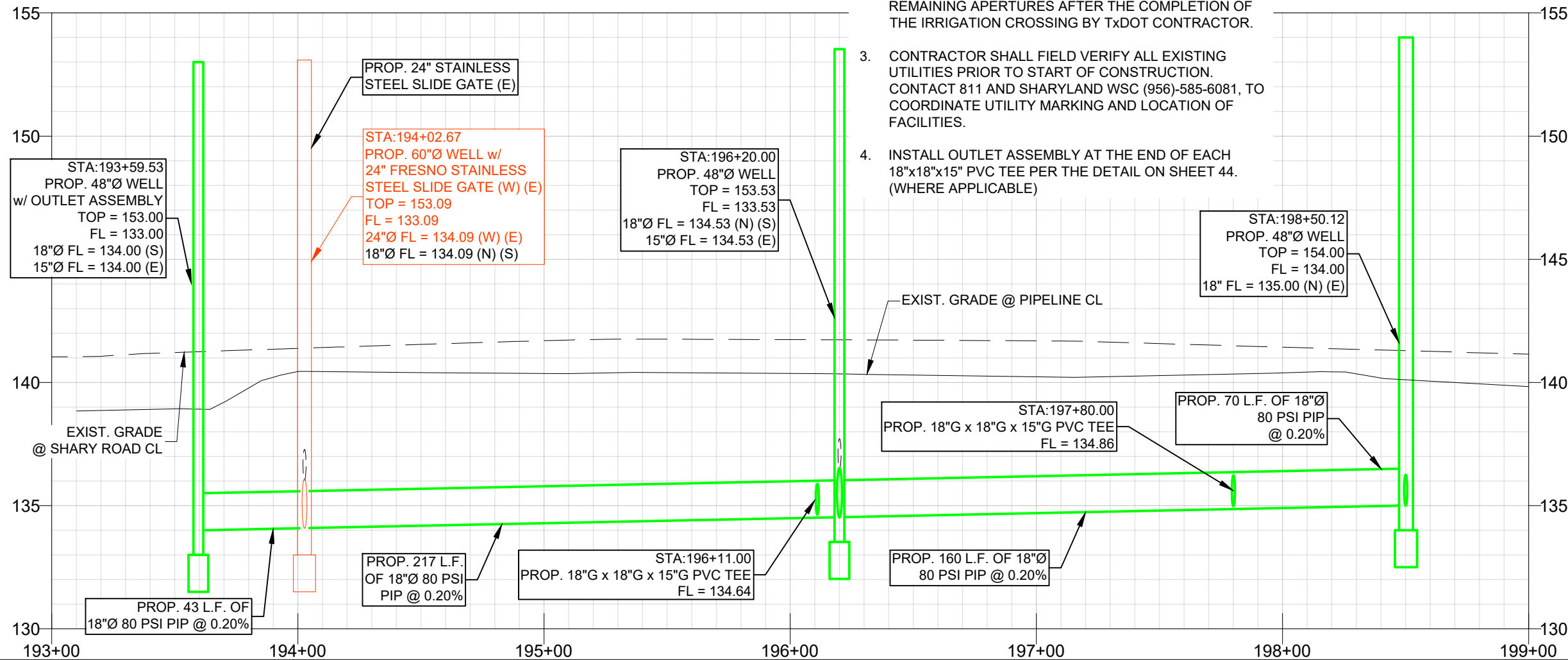
UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
IRRIGATION PLAN & PROFILE RT.
STA. 179+00 TO STA. 185+00

SCALE: 1" = 50'	SHEET 23 OF 46			
DN:	CONT	SECT	JOB	HIGHWAY
OK DN:	---	---	---	FM 494
DW:				
OK DW:	DIST	COUNTY	SHEET NO.	
TR:	PHR	HIDALGO		
OK TR:				



- NOTES:**
- EXISTING PIPELINE WILL BE REMOVED AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TxDOT CONTRACTOR. DISPOSE OF IN A LEGAL MANNER. COMPACT TO SUBGRADE LEVEL, BACKFILL TO 95% STANDARD PROCTOR DENSITY.
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STATE OF TEXAS
ANTONIO L. REYNA
145245
LICENSED
PROFESSIONAL ENGINEER
12.5.2025

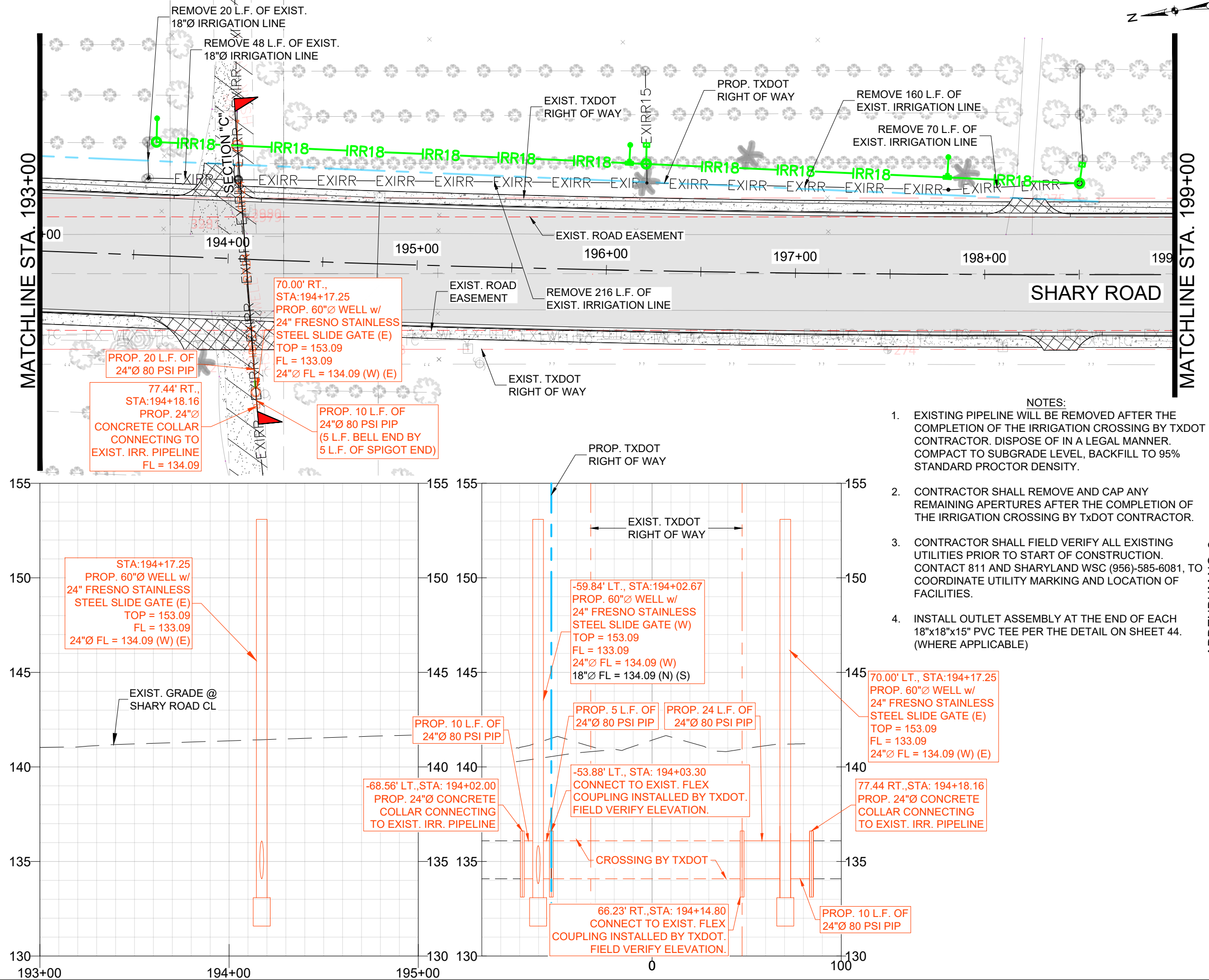
SCALE
HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79522
PHONE (956) 364-2700 FAX (956) 364-1023
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PRL REGISTRATION NO. 100200000 PRL REGISTRATION NO. 1-887

UNITED IRRIGATION DISTRICT
FM 494 (SHARY RD)
MILE 3 TO MILE 5
IRRIGATION PLAN & PROFILE LT.
STA. 193+00 TO STA. 199+00

SCALE: 1" = 50'		SHEET 24 OF 46	
DN:		CONT	SECT
OK DN:			
DW:			
OK DW:			
TR:		DIST	COUNTY
OK TR:		PHR	HIDALGO

F:\0202 UJD\202-053A FM 494 Shary Road Project Mile 3 to Mile 5\DWG\202-053A FM494 M3-M5 Const Plans.dwg, 22_26_P8Ps



- NOTES:
- EXISTING PIPELINE WILL BE REMOVED AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TXDOT CONTRACTOR. DISPOSE OF IN A LEGAL MANNER. COMPACT TO SUBGRADE LEVEL, BACKFILL TO 95% STANDARD PROCTOR DENSITY.
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ADDENDUM NO. 2

LEGEND

- CONCRETE MONUMENT FOUND
- X MARK FOUND
- IRON ROD FOUND
- NAIL FOUND
- PIPE FOUND
- POST
- POWER POLE
- SIGN
- IRRIGATION WELL
- MANHOLE
- TRAFFIC LIGHT
- SECURITY LIGHT POST
- STREET LIGHT POST
- CURB INLET
- GRATE INLET
- EXIST. OVERHEAD POWER LINE
- EXIST. FENCE
- FOC
- EX SS
- SD-EX
- SD-EX12
- EXIRR15
- EXIRR18
- EX-IRR24
- IRR18
- IRR18
- IRR24
- EXIST. ROAD EASEMENT
- EXIST. TXDOT RIGHT OF WAY
- PROP. TXDOT RIGHT OF WAY

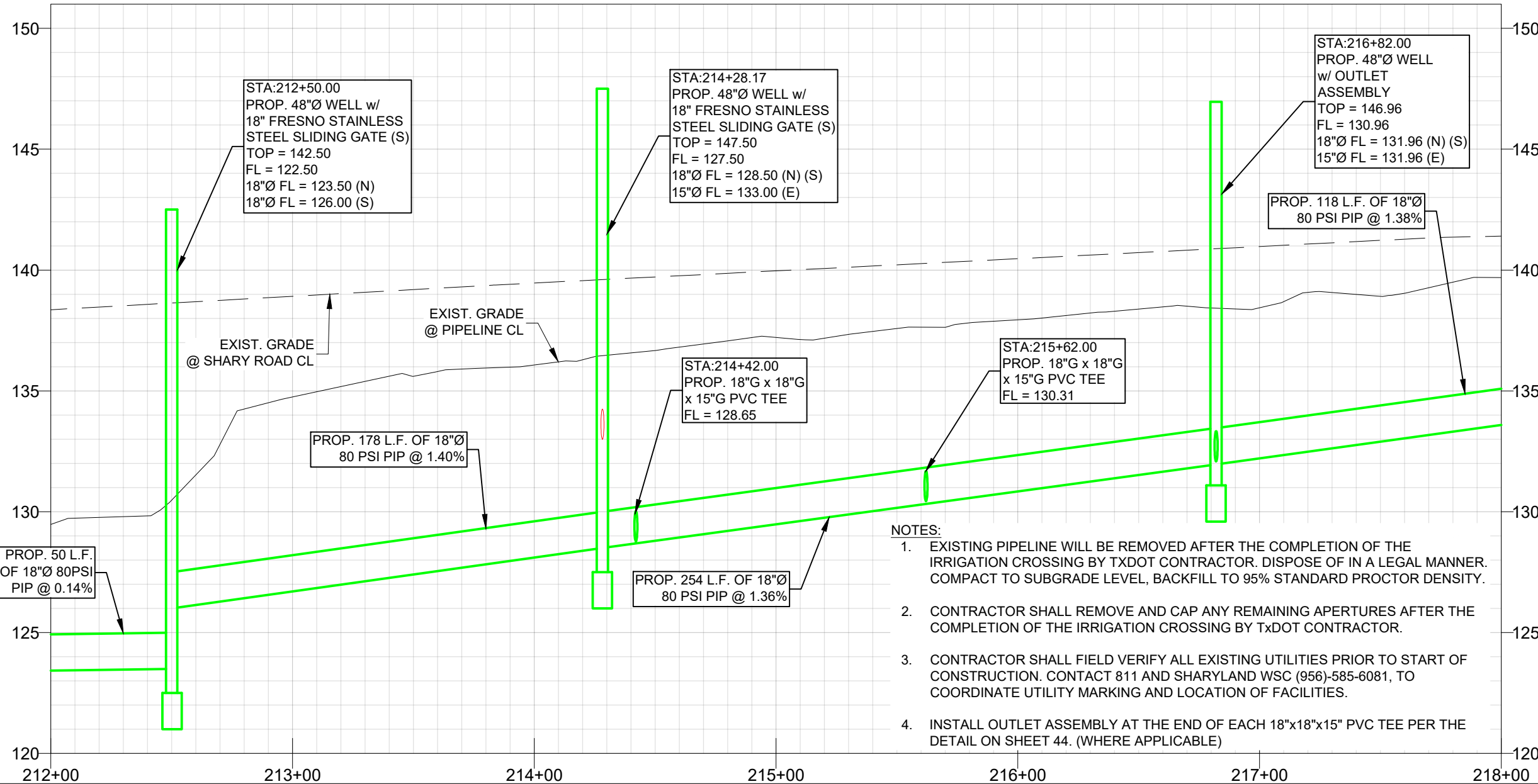
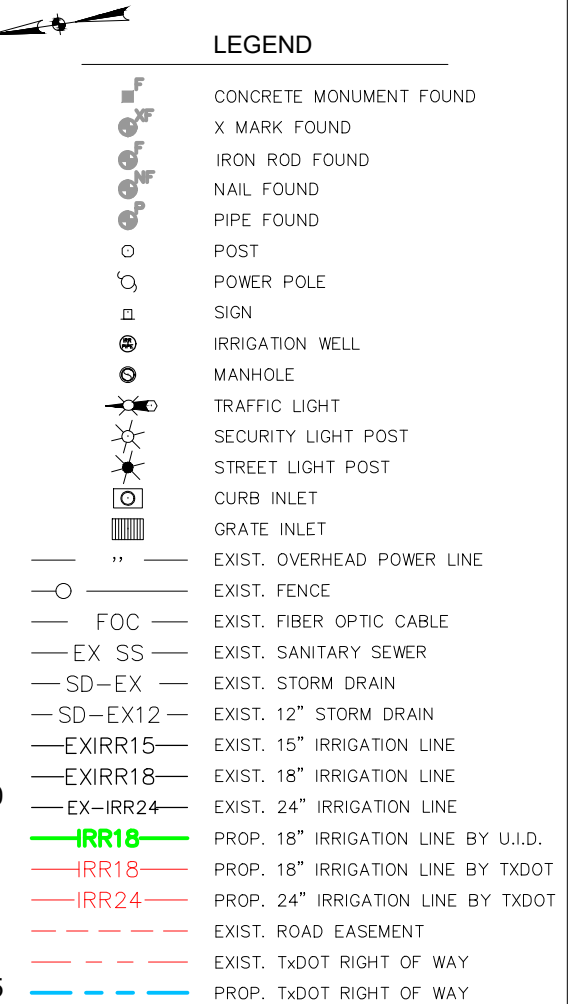
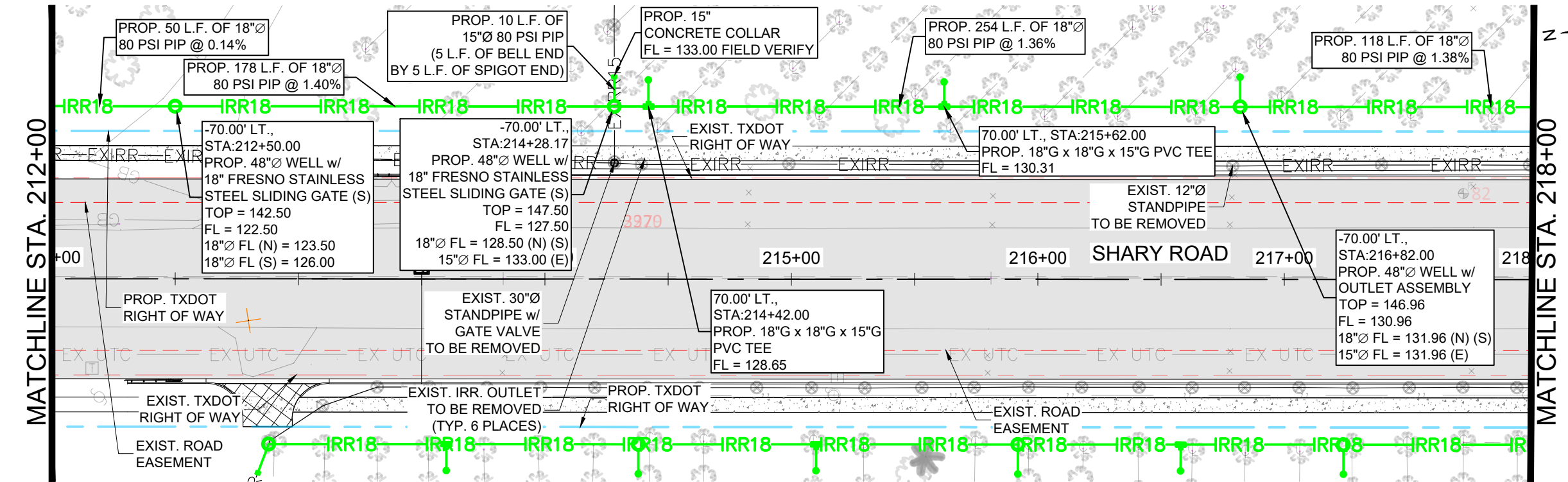


SCALE
HORIZONTAL: 1"=50'
VERTICAL: 1"=5'
FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79552
PHONE (956) 364-0736 FAX (956) 364-1023
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PSM REGISTRATION NO. 1302320-00 PSM REGISTRATION NO. 1-887

UNITED IRRIGATION DISTRICT
FM 494 (SHARY RD)
MILE 3 TO MILE 5
IRRIGATION PLAN & PROFILE RT.
STA. 193+00 TO STA. 199+00

SCALE: 1" = 50'		SHEET 25 OF 46			
DN:		CONT	SECT	JOB	HIGHWAY
OK DN:		---	---	---	FM 494
DW:					
OK DW:		DIST	COUNTY	SHEET NO.	
TR:		PHR	HIDALGO		
OK TR:					

F:\0202 UJD\202-053A FM 494 Shary Road Project Mile 3 to Mile 5\DWG\202-053A FM494 M3-M5 Const Plans.dwg, 27-31_P8Ps



- NOTES:
- EXISTING PIPELINE WILL BE REMOVED AFTER THE COMPLETION OF THE IRRIGATION CROSSING BY TXDOT CONTRACTOR. DISPOSE OF IN A LEGAL MANNER. COMPACT TO SUBGRADE LEVEL, BACKFILL TO 95% STANDARD PROCTOR DENSITY.
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 - INSTALL OUTLET ASSEMBLY AT THE END OF EACH 18"x18"x15" PVC TEE PER THE DETAIL ON SHEET 44. (WHERE APPLICABLE)

SCALE
HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79522
PHONE (956) 364-2700 FAX (956) 364-1023
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
FIRM REGISTRATION NO. 130020-01

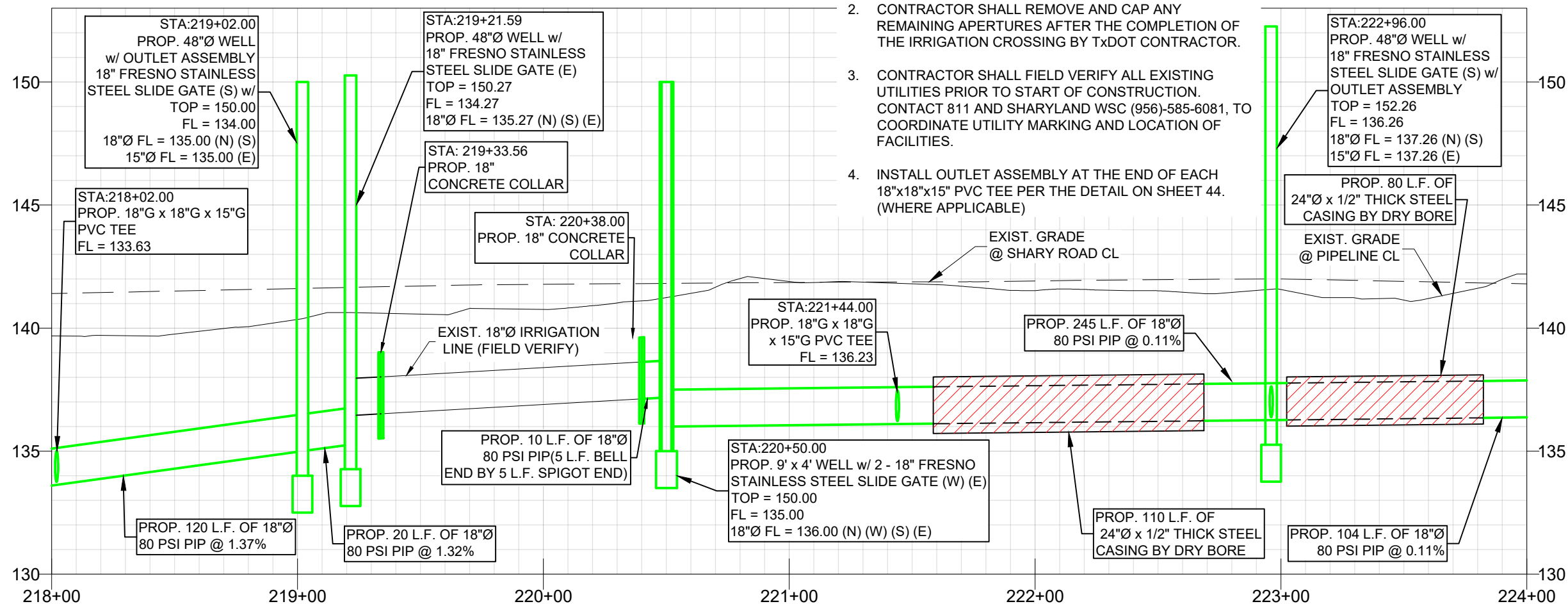
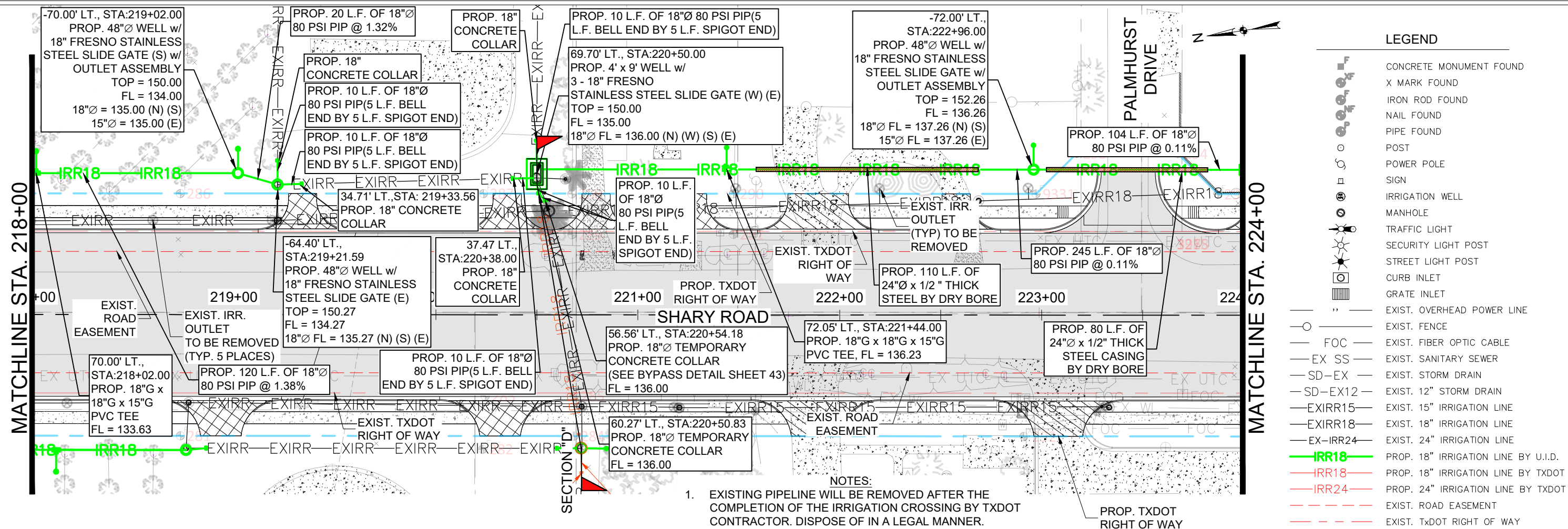
UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
IRRIGATION PLAN & PROFILE LT.
STA. 212+00 TO STA. 218+00

SCALE: 1" = 50'		SHEET 27 OF 46	
DN:		CONT	SECT
OK DN:		---	---
DW:			
OK DW:			
TR:		DIST	COUNTY
OK TR:		PHR	HIDALGO

FM 494

SHEET NO.



SCALE
HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

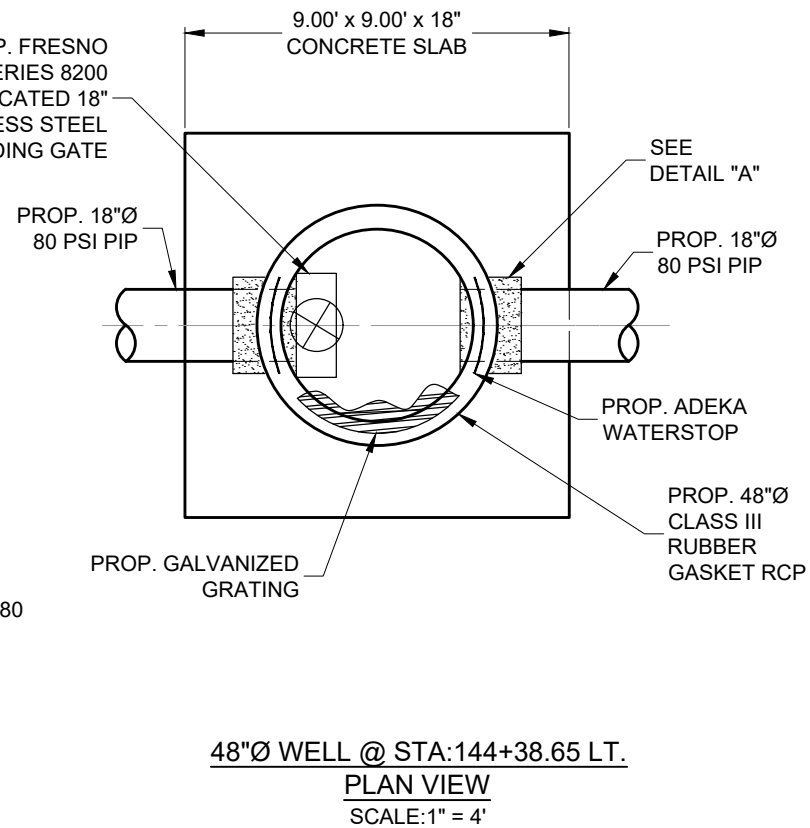
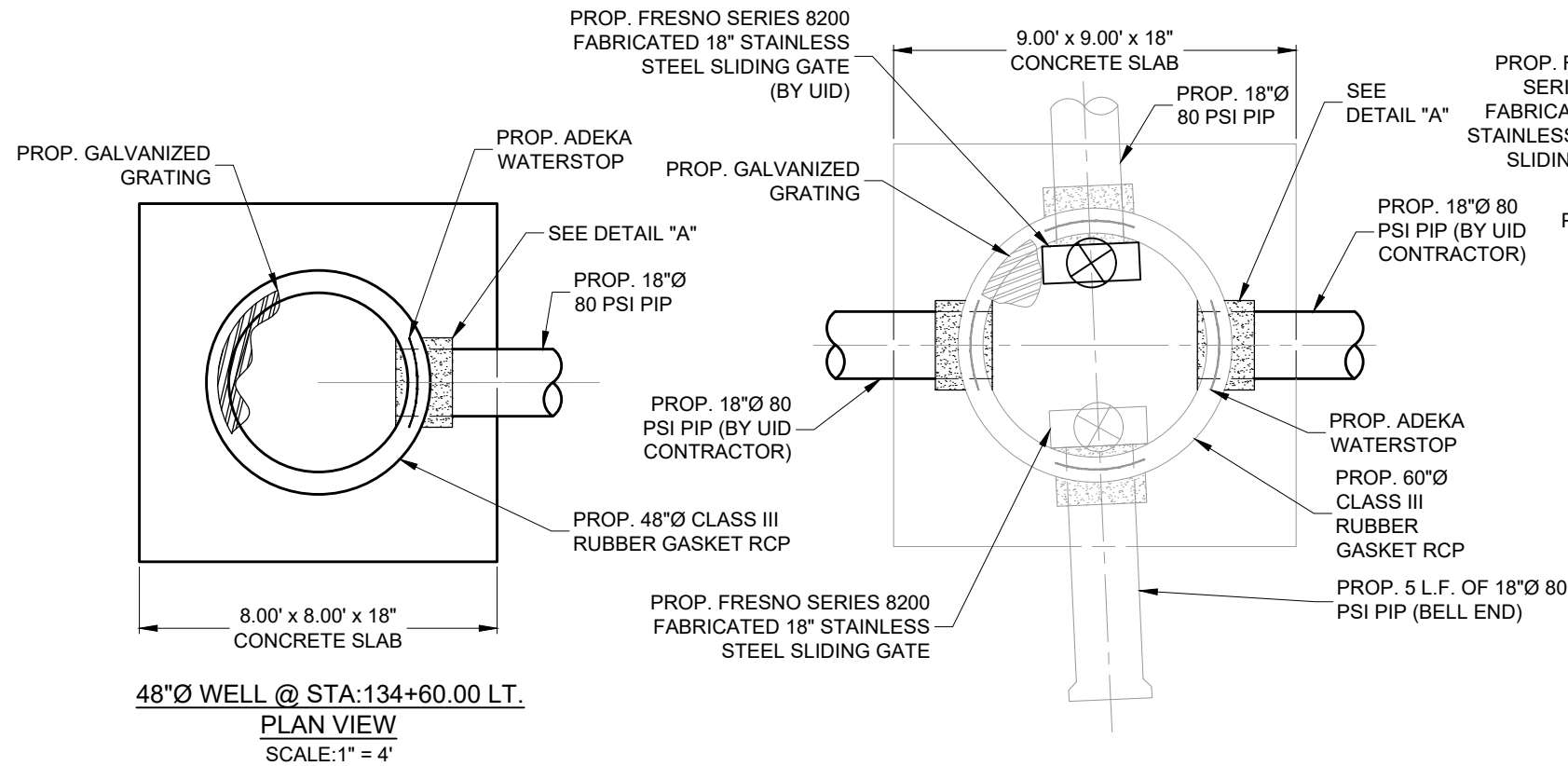
FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79502
PHONE (956) 364-0786 FAX (956) 364-1023
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
P.L.S. REGISTRATION NO. 145245 P.E. REGISTRATION NO. 1-887

UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
IRRIGATION PLAN & PROFILE LT.
STA. 218+00 TO STA. 224+00

SCALE: 1" = 50'		SHEET 29 OF 46	
DN:	CONT	SECT	JOB
OK DN:	---	---	FM 494
DW:			
OK DW:	DIST	COUNTY	SHEET NO.
TR:	PHR	HIDALGO	
OK TR:			

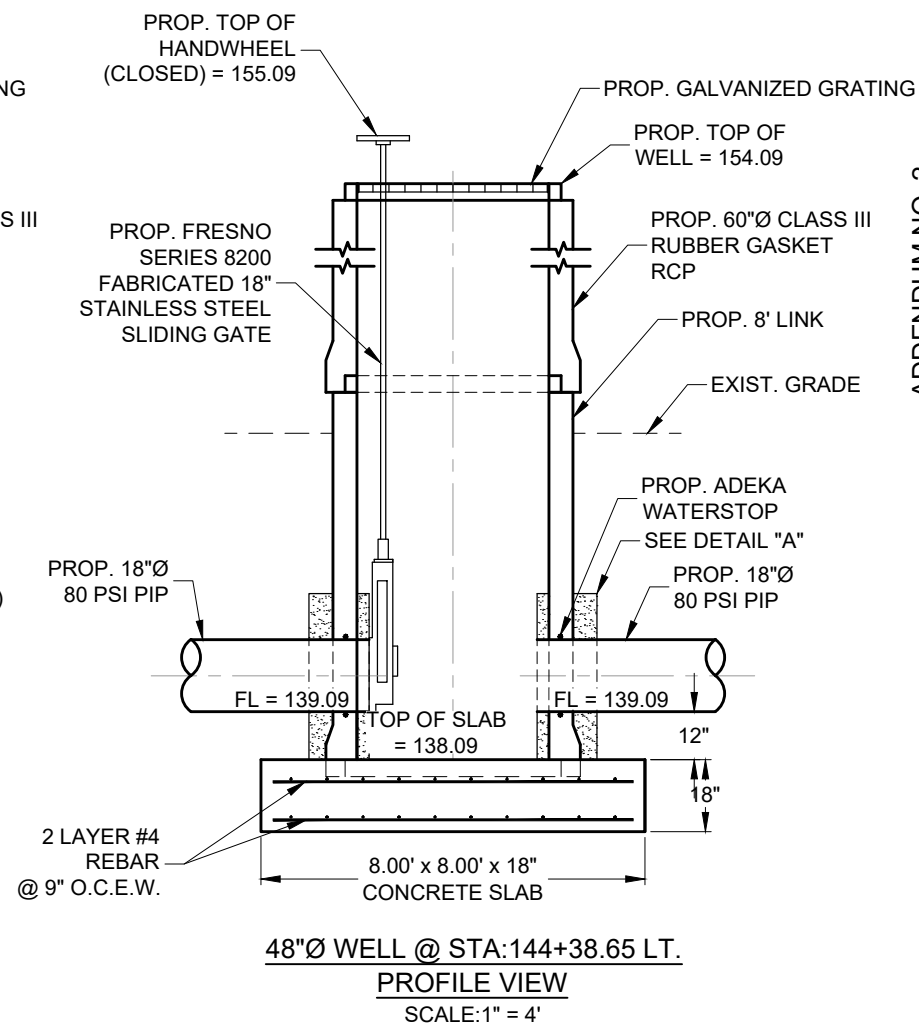
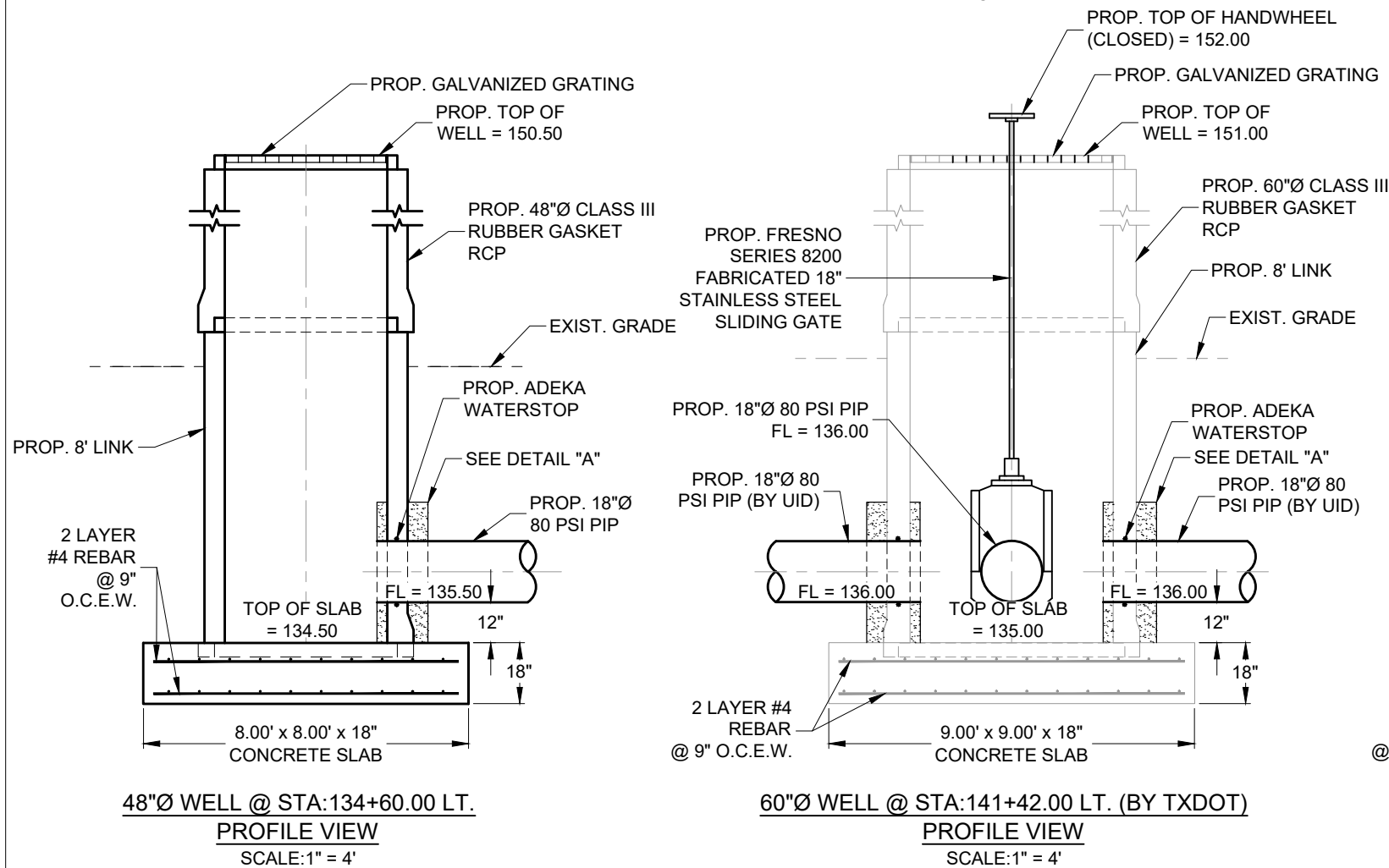
F:\0202 UID\0202-053A FM 494 Shary Road Project Mile 3 to Mile 5\DWG\0202-053A FM494 M3-M5 Const Plans.dwg, 32-36 DETAILS 01-05



60"Ø WELL @ STA:141+42.00 LT. (BY TXDOT)

PLAN VIEW

SCALE:1" = 4'



ADDENDUM NO. 2



SCALE
HORIZONTAL: 1"=4'
VERTICAL: 1"=4'

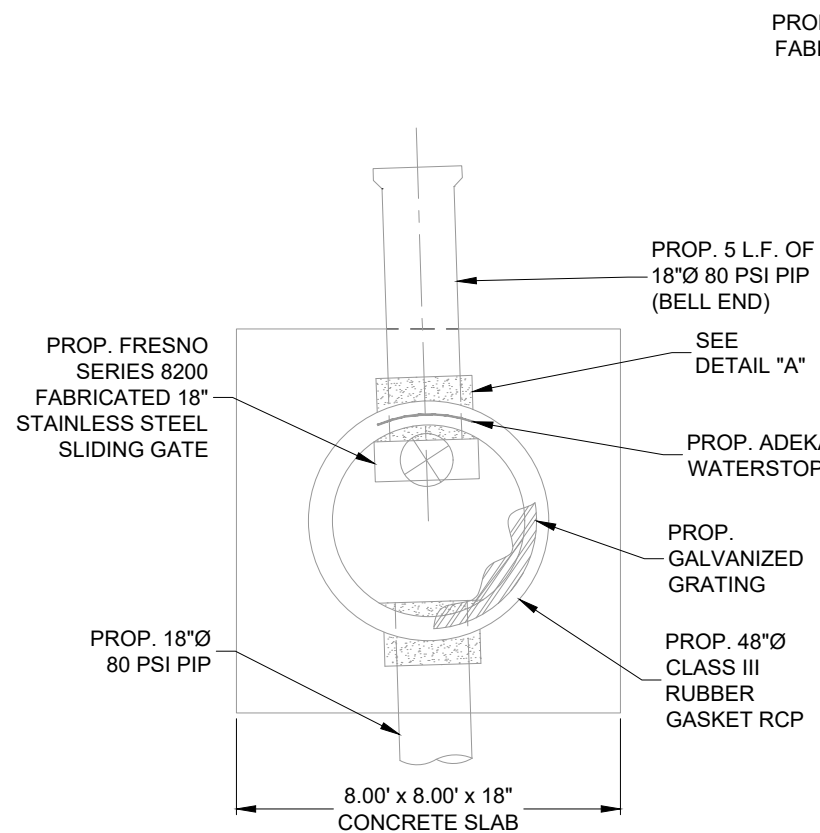
FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79552
PHONE (956) 364-9736 FAX (956) 364-1093
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PRLS REGISTRATION NO. 30020-00 PRLS REGISTRATION NO. F-887

UNITED IRRIGATION DISTRICT

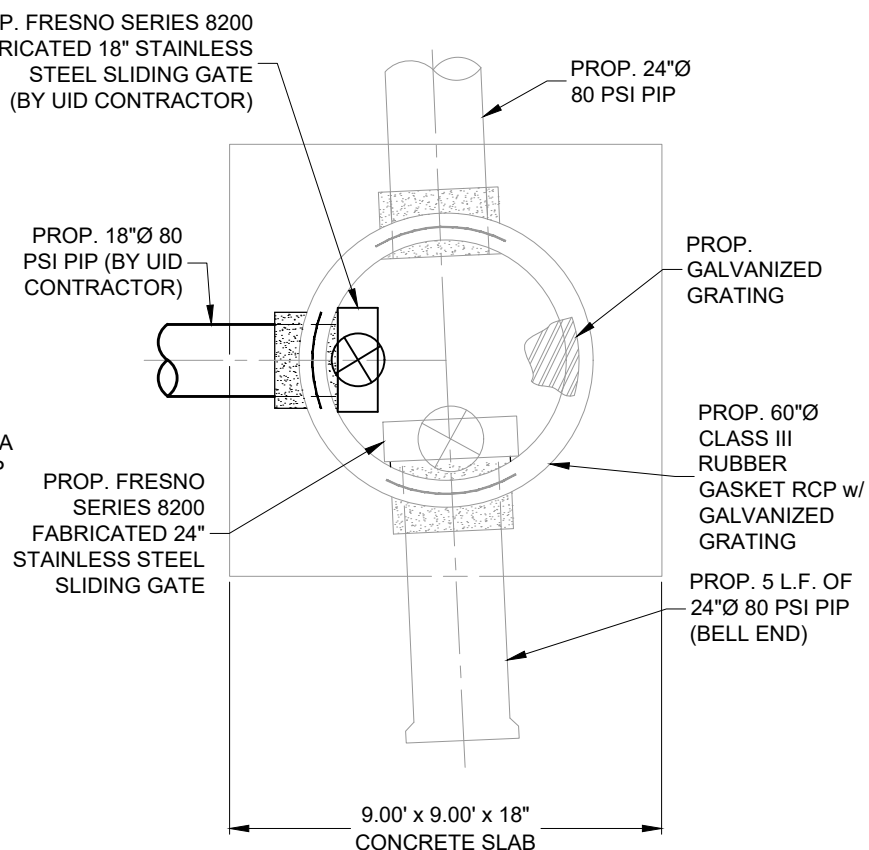
FM 494 (SHARY RD)
MILE 3 TO MILE 5
PROJECT DETAILS 01

SCALE: 1" = 4'		SHEET 32 OF 46			
DN:		CONT	SECT	JOB	HIGHWAY
CK DN:					
DW:		DIST	COUNTY	SHEET NO.	FM 494
CK DW:					
TR:		PHR	HIDALGO		
CK TR:					

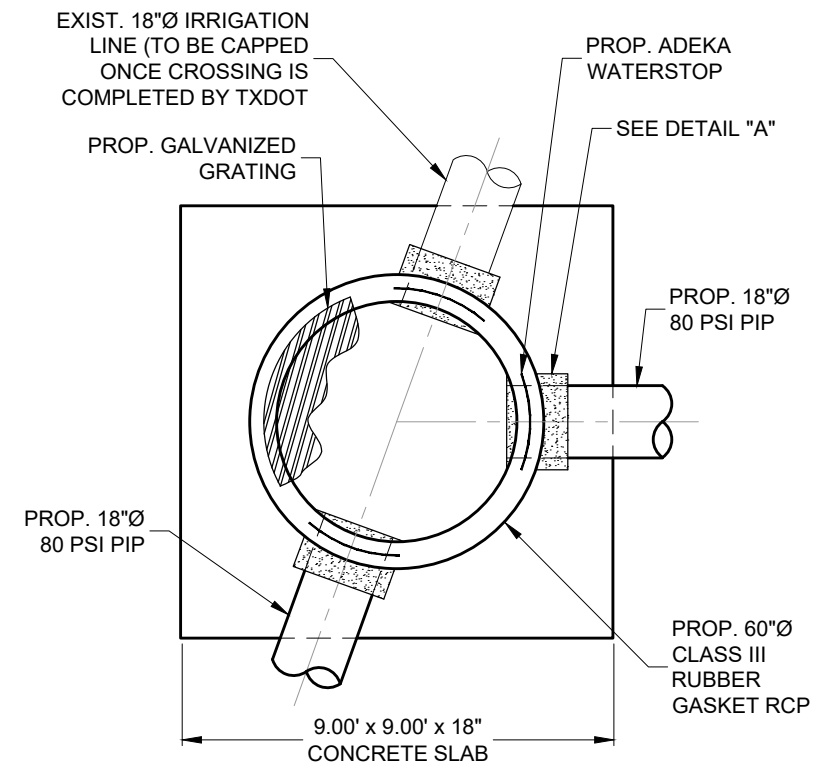
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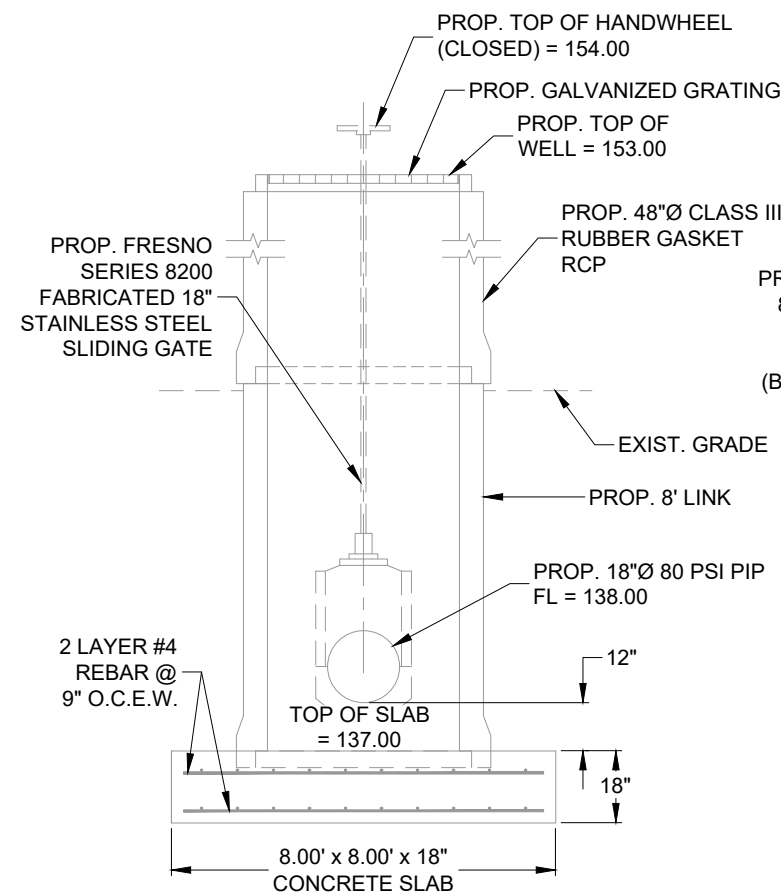
48"Ø WELL @ STA:141+48.22 RT. (BY TXDOT)
PLAN VIEW
SCALE:1" = 4'



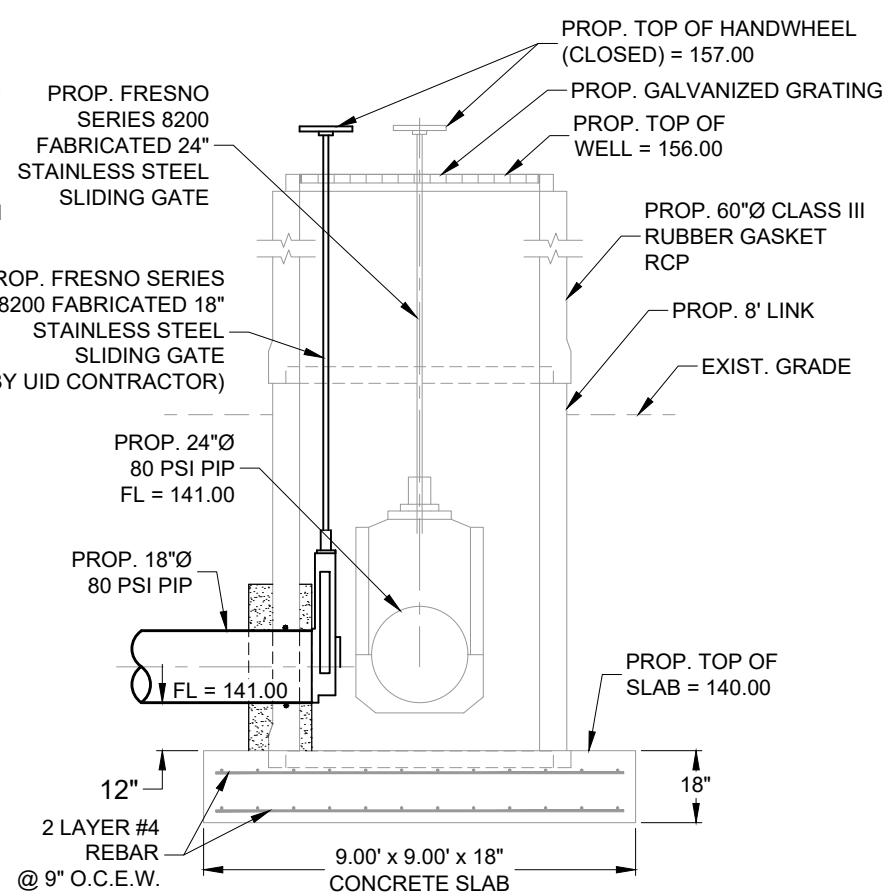
60"Ø WELL @ STA:149+62.00 LT. (BY TXDOT)
PLAN VIEW
SCALE:1" = 4'



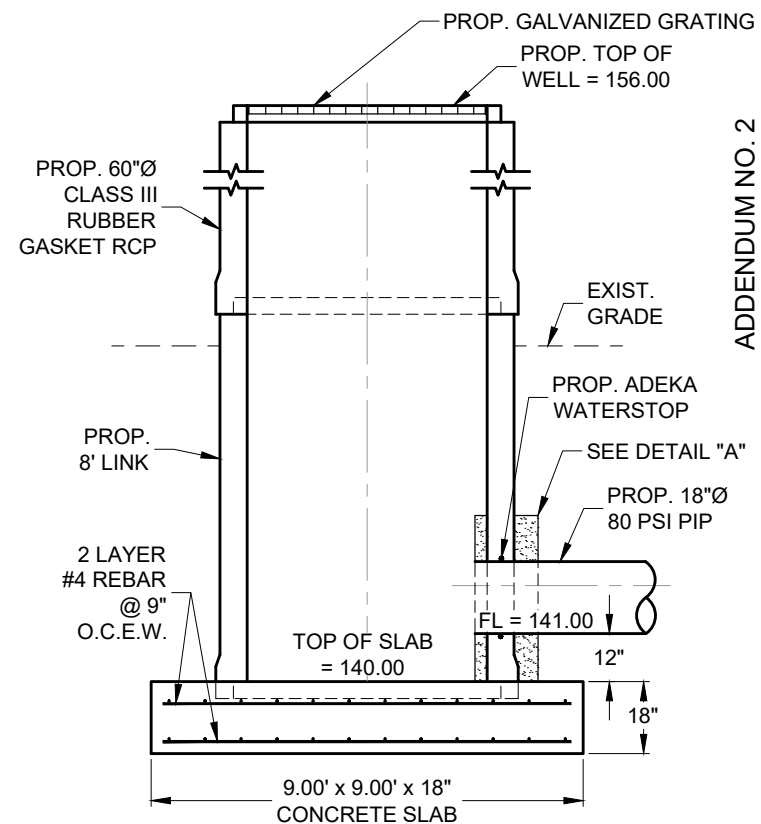
60"Ø WELL @ STA:148+65.29 RT.
PLAN VIEW
SCALE:1" = 4'



48"Ø WELL @ STA:141+48.22 RT. (BY TXDOT)
PROFILE VIEW
SCALE:1" = 4'



60"Ø WELL @ STA:149+62.00 LT. (BY TXDOT)
PROFILE VIEW
SCALE:1" = 4'



60"Ø WELL @ STA:148+65.29 RT.
PROFILE VIEW
SCALE:1" = 4'

ADDENDUM NO. 2



Antonio Reyna
12.5.2025

SCALE
HORIZONTAL: 1"=4'
VERTICAL: 1"=4'

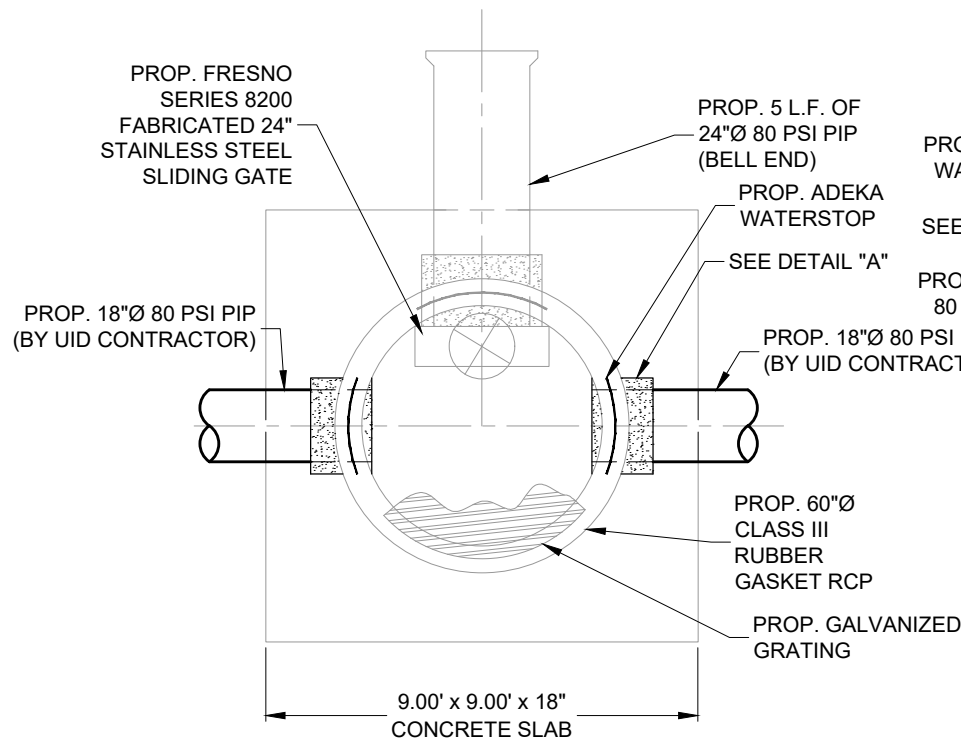
FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79552
PHONE (361) 364-2730 FAX (361) 364-1093
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PRLS REGISTRATION NO. 30020-00 PRLS REGISTRATION NO. F-887

UNITED IRRIGATION DISTRICT

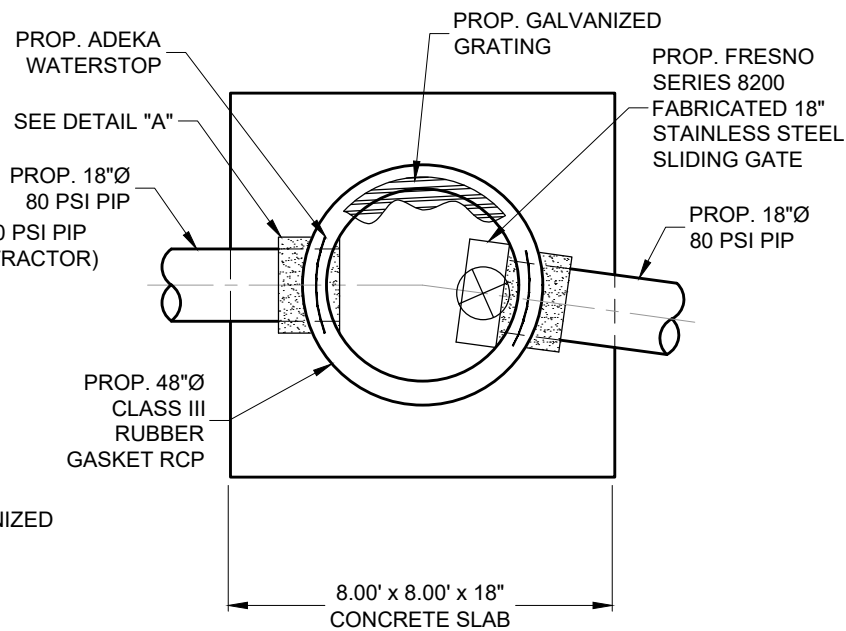
FM 494 (SHARY RD)
MILE 3 TO MILE 5
PROJECT DETAILS 02

SCALE: 1" = 4'		SHEET 33 OF 46			
DN:		CONT	SECT	JOB	HIGHWAY
CK DN:		---	---	---	FM 494
DW:					
CK DW:		DIST	COUNTY		SHEET NO.
TR:		PHR	HIDALGO		
CK TR:					

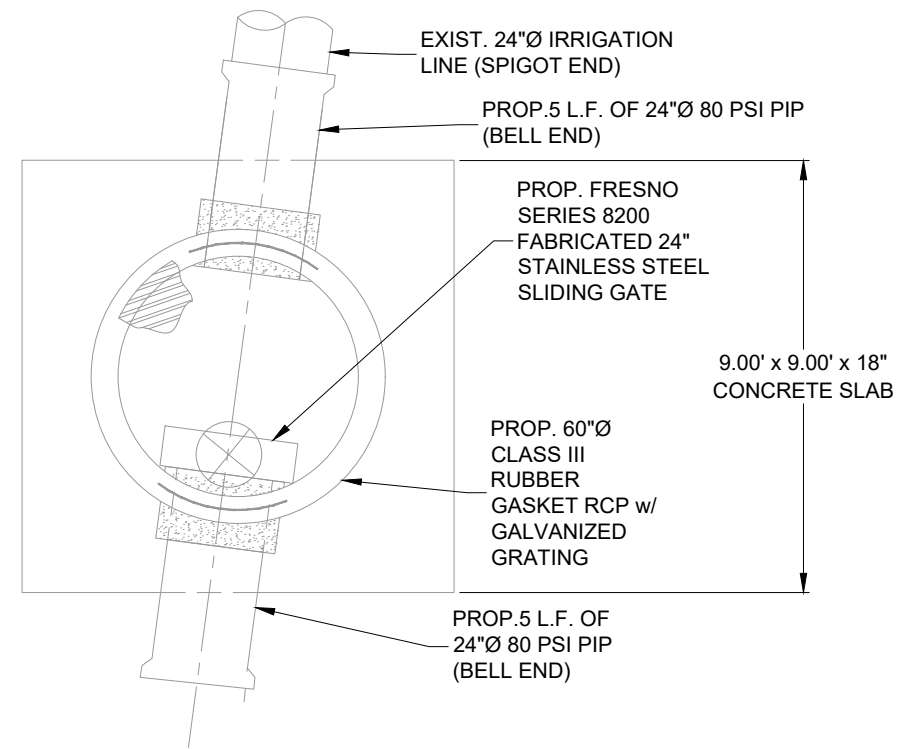
F:\0202 UID\202-053A FM 494 Shary Road Project Mile 3 to Mile 5\DWG\202-053A FM494 M3-M5 Const Plans.dwg, 32-36 DETAILS 01-05



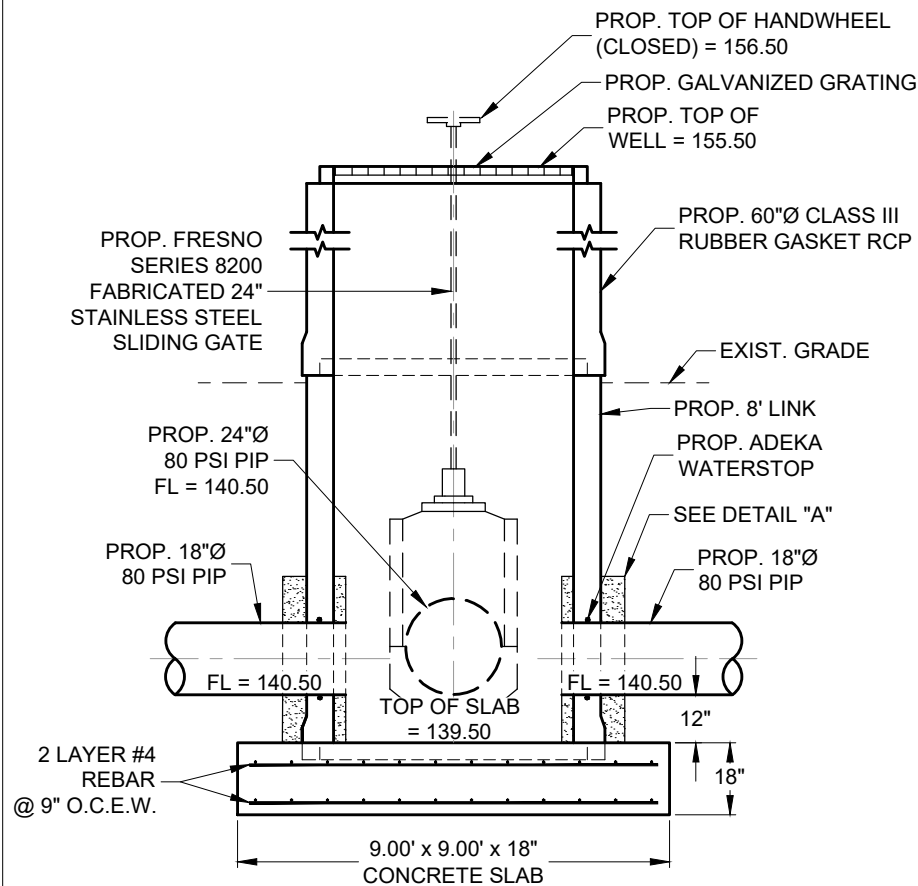
60"Ø WELL @ STA:149+62.00 RT. (BY TXDOT)
PLAN VIEW
SCALE:1" = 4'



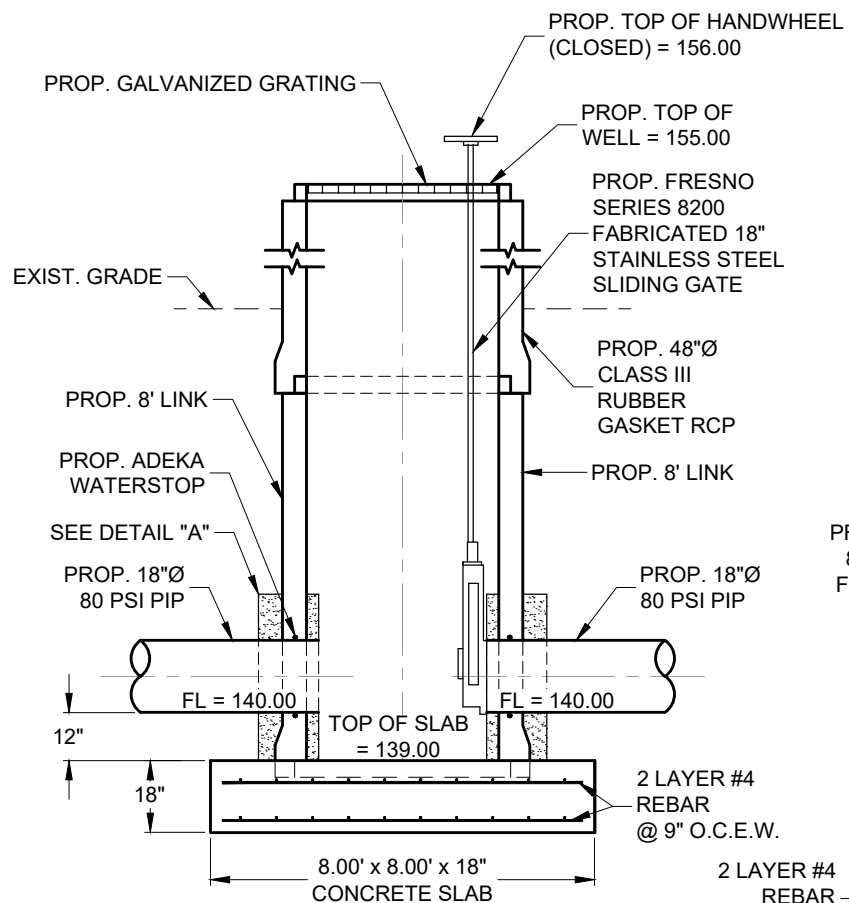
48"Ø WELL @ STA:150+24.87 RT.
PLAN VIEW
SCALE:1" = 4'



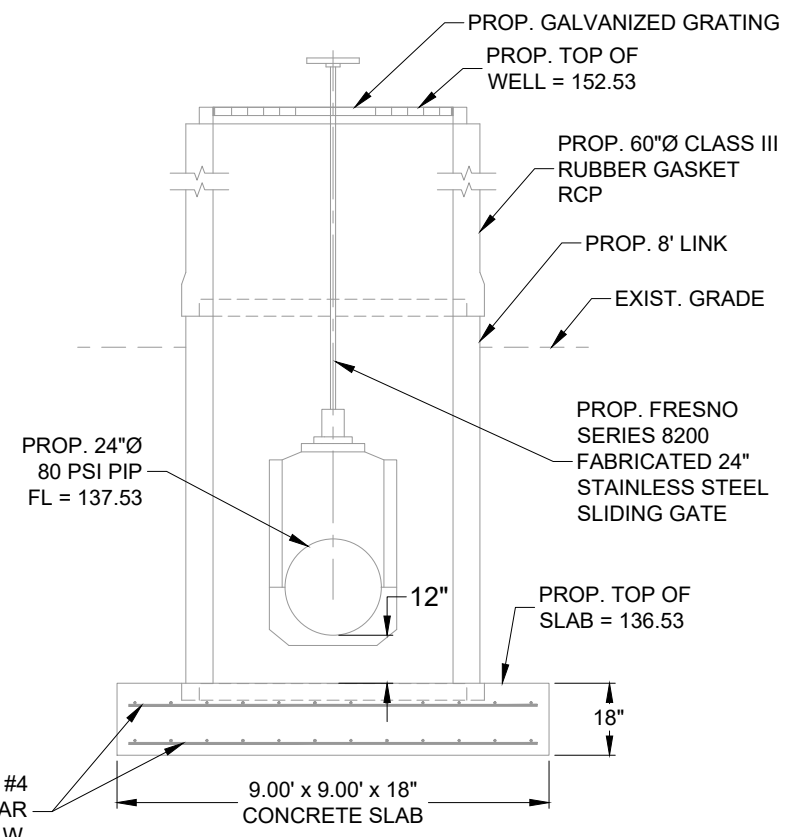
60"Ø WELL @ STA:167+95.58 LT. (BY TXDOT)
PLAN VIEW
SCALE:1" = 4'



60"Ø WELL @ STA:149+62.00 RT. (TXDOT)
PROFILE VIEW
SCALE:1" = 4'



48"Ø WELL @ STA:150+24.87 RT.
PROFILE VIEW
SCALE:1" = 4'



60"Ø WELL @ STA:167+95.58 LT. (BY TXDOT)
PROFILE VIEW
SCALE:1" = 4'

ADDENDUM NO. 2



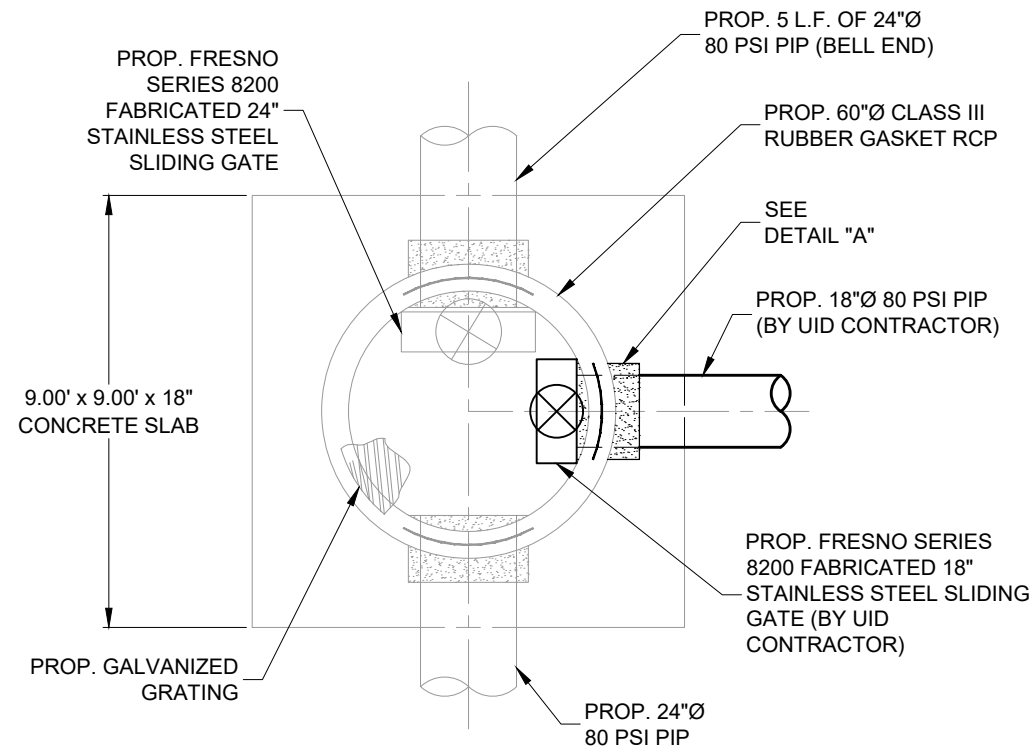
SCALE
HORIZONTAL: 1"=4'
VERTICAL: 1"=4'

FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79552
PHONE (361) 364-2730 FAX (361) 364-1023
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
P.L.S. REGISTRATION NO. 30020-00 P.E. REGISTRATION NO. F-887

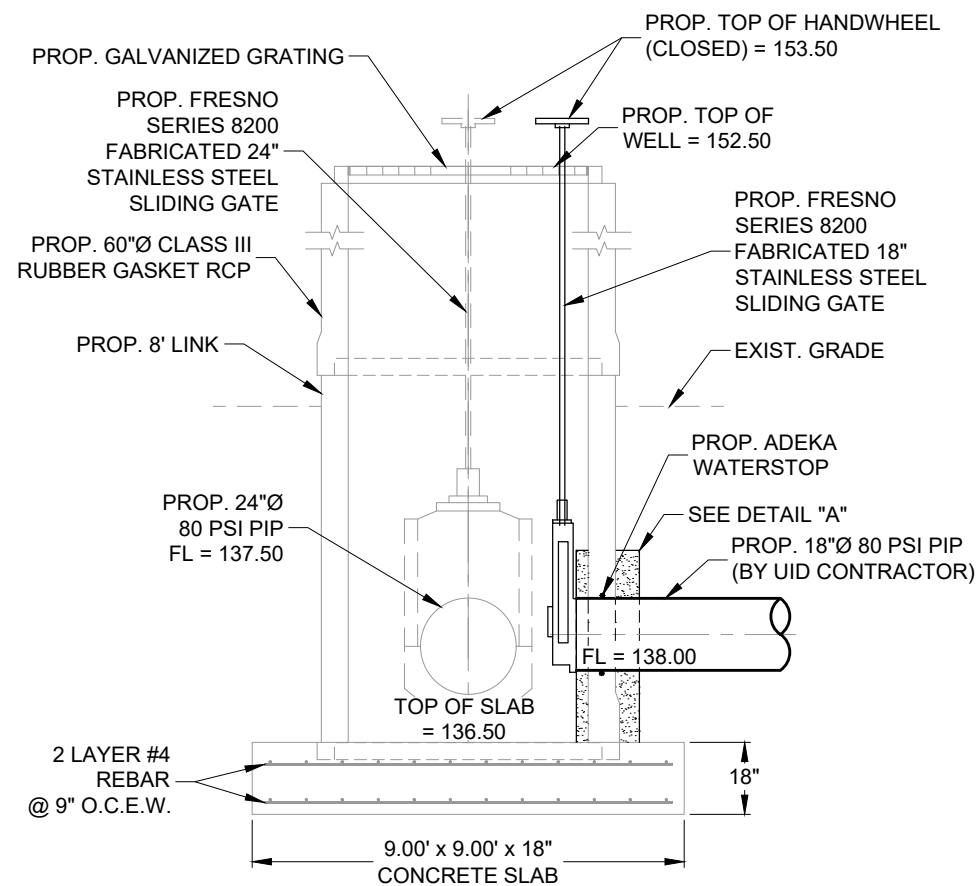
UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
PROJECT DETAILS 03

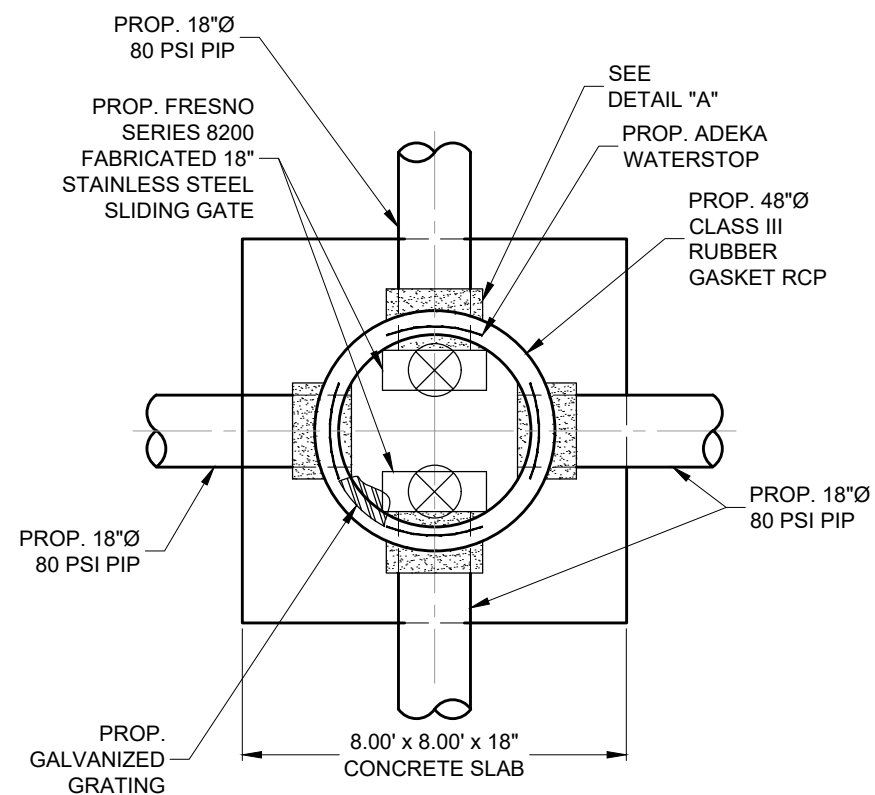
SCALE: 1" = 4'				SHEET 34 OF 46			
DN:		CONT	SECT	JOB	HIGHWAY		
CK DN:		---	---	---	FM 494		
DW:							
CK DW:		DIST		COUNTY	SHEET NO.		
TR:		PHR		HIDALGO			
CK TR:							



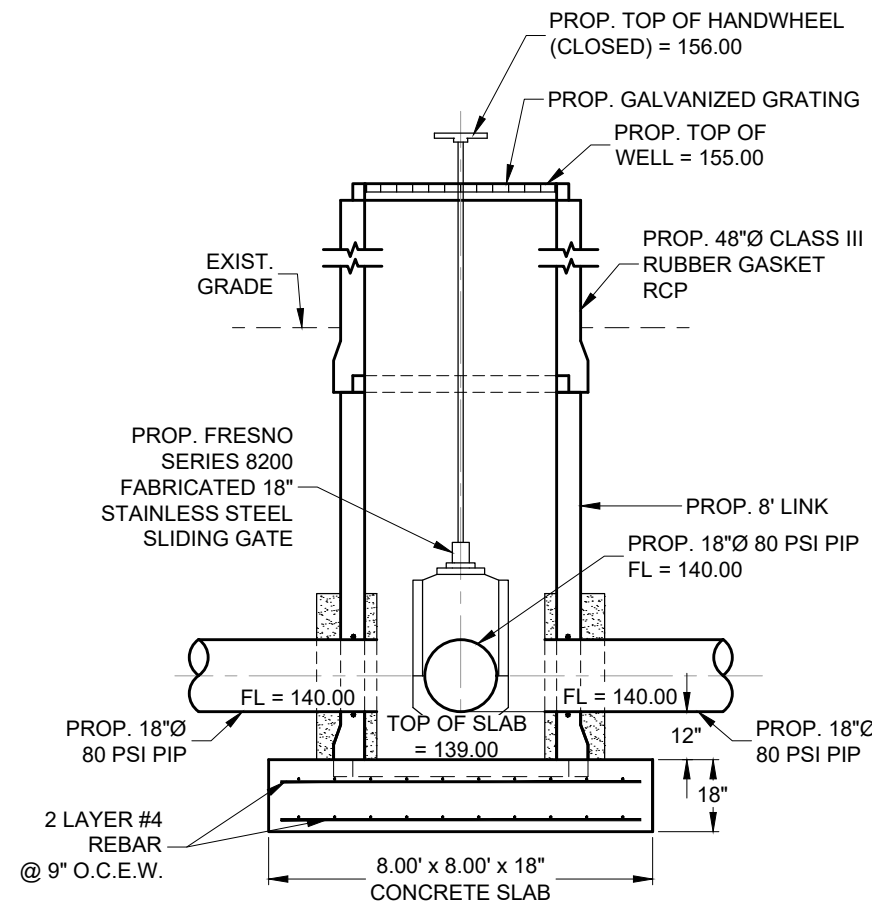
60"Ø WELL @ STA:167+82.39 RT. (BY TXDOT)
PLAN VIEW
SCALE:1" = 4'



60"Ø WELL @ STA:167+82.39 RT. (BY TXDOT)
PROFILE VIEW
SCALE:1" = 4'



48"Ø WELL @ STA:174+06.71 RT.
PROFILE VIEW
SCALE:1" = 4'



48"Ø WELL @ STA:174+06.71 RT.
PROFILE VIEW
SCALE:1" = 4'

ADDENDUM NO. 2



Antonio Reyna
12.5.2025

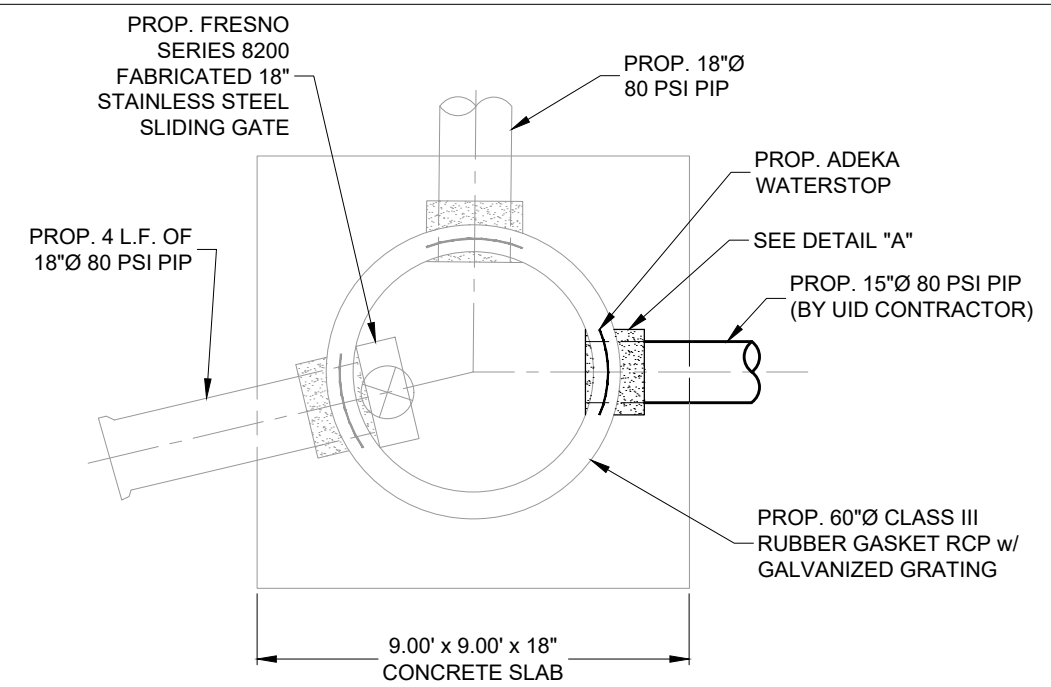
SCALE
HORIZONTAL: 1"=4'
VERTICAL: 1"=4'

FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79552
PHONE (361) 364-4736 FAX (361) 364-1093
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PRLS REGISTRATION NO. 30020-00 PRLS REGISTRATION NO. F-887

UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
PROJECT DETAILS 04

SCALE: 1" = 4'		SHEET 35 OF 46	
DN:		CONT	SECT
CK DN:			
DW:			
CK DW:			
TR:			
CK TR:			
		JOB	HIGHWAY
			FM 494
		DIST	COUNTY
		PHR	HIDALGO
			SHEET NO.



60"Ø WELL @ STA:181+47.40 LT.
PLAN VIEW
SCALE:1" = 4'

PROP. TOP OF HANDWHEEL
 (CLOSED) = 153.00
 P. GALVANIZED GRATING
 PROP. TOP OF
 WELL = 152.00
 PROP. 60"Ø CLASS III
 RUBBER GASKET
 RCP
 PROP. 8' LINK
 EXIST. GRADE
 PROP. 4 L.F. OF
 18"Ø 80 PSI PIP
 CONNECT TO EXIST.
 FLEX
 COUPLING INSTALLED
 BY TXDOT.
 FIELD VERIFY
 ELEVATION.
 PROP. FRESNO
 SERIES 8200
 RIBBON
 18"
 GALVANIZED
 STEEL
 SLIDING GATE
 ADEKA
 RSTOP
 TAIL "A"
 80 PSI PIP
 (DUCTOR)
 FL = 137.00
 TOP OF SLAB
 = 136.00
 12"
 18"
 8.00' x 8.00' x 18"
 CONCRETE SLAB

60"Ø WELL @ STA:181+47.40 LT.
PROFILE VIEW
 SCALE:1" = 4'



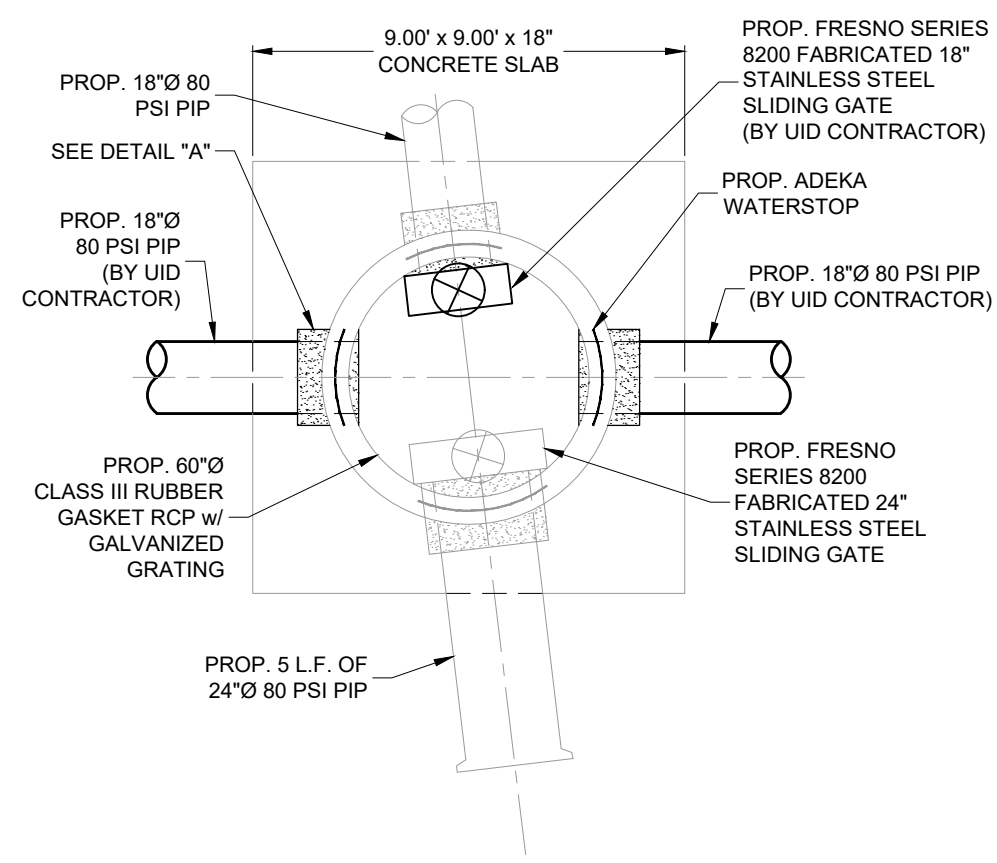
SCALE
HORIZONTAL: 1"=4'
VERTICAL: 1"=4'

FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
 1405 N. STUART PLACE ROAD
 HARLINGEN, TEXAS 77552
 PHONE: (956) 364-2236 FAX: (956) 364-1023
 TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS

UNITED IRRIGATION DISTRICT

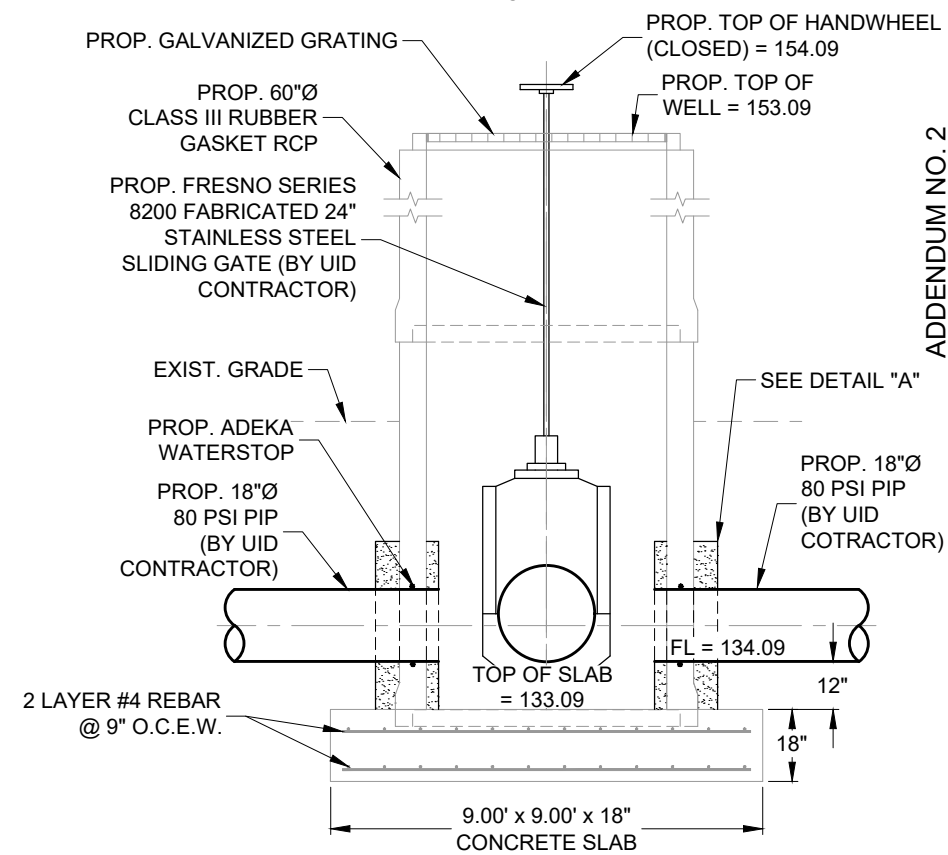
FM 494 (SHARY RD)
MILE 3 TO MILE 5
PROJECT DETAILS 05

SCALE: 1" = 4'		SHEET 36 OF 46			
DN:		CONT	SECT	JOB	HIGHWAY
CK DN:		---	---	---	FM 494
DW:					
CK DW:		DIST		COUNTY	SHEET NO.
TR:		PHR	HIDALGO		
CK TR:					



60"Ø WELL @ STA:194+02.67 LT. (BY TXDOT)

PLAN VIEW
SCALE: 1" = 4'



60"Ø WELL @ STA:194+02.67 LT. (BY TXDOT)

PROFILE VIEW
SCALE: 1" = 4'

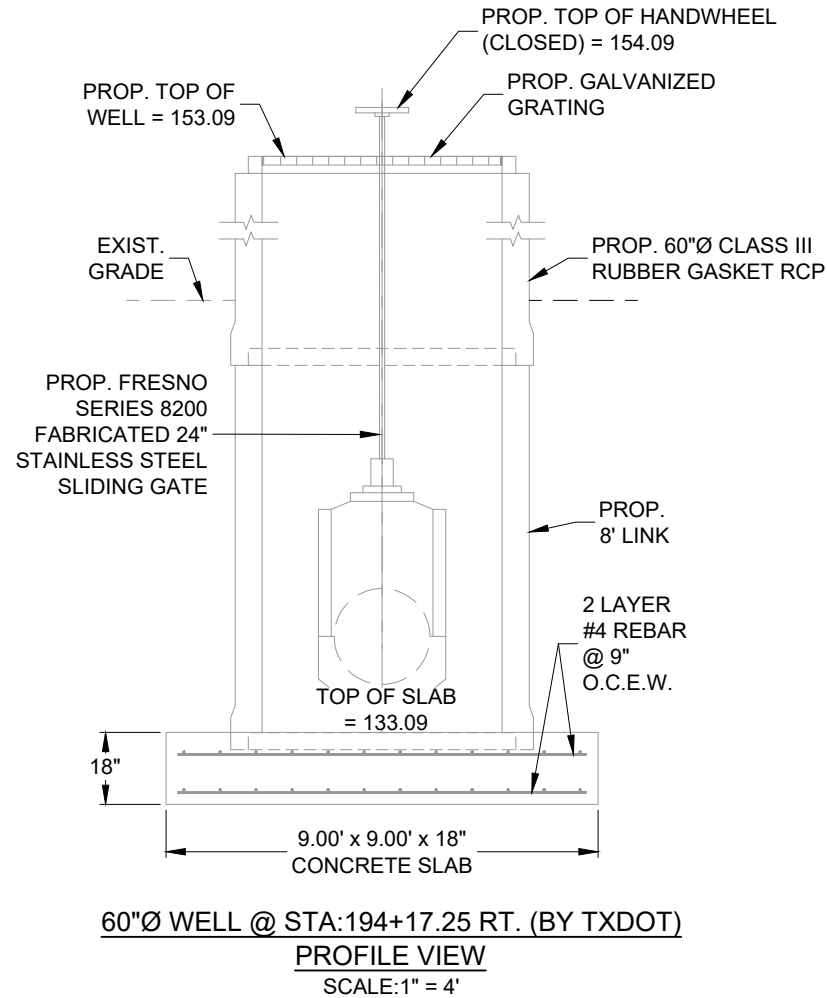
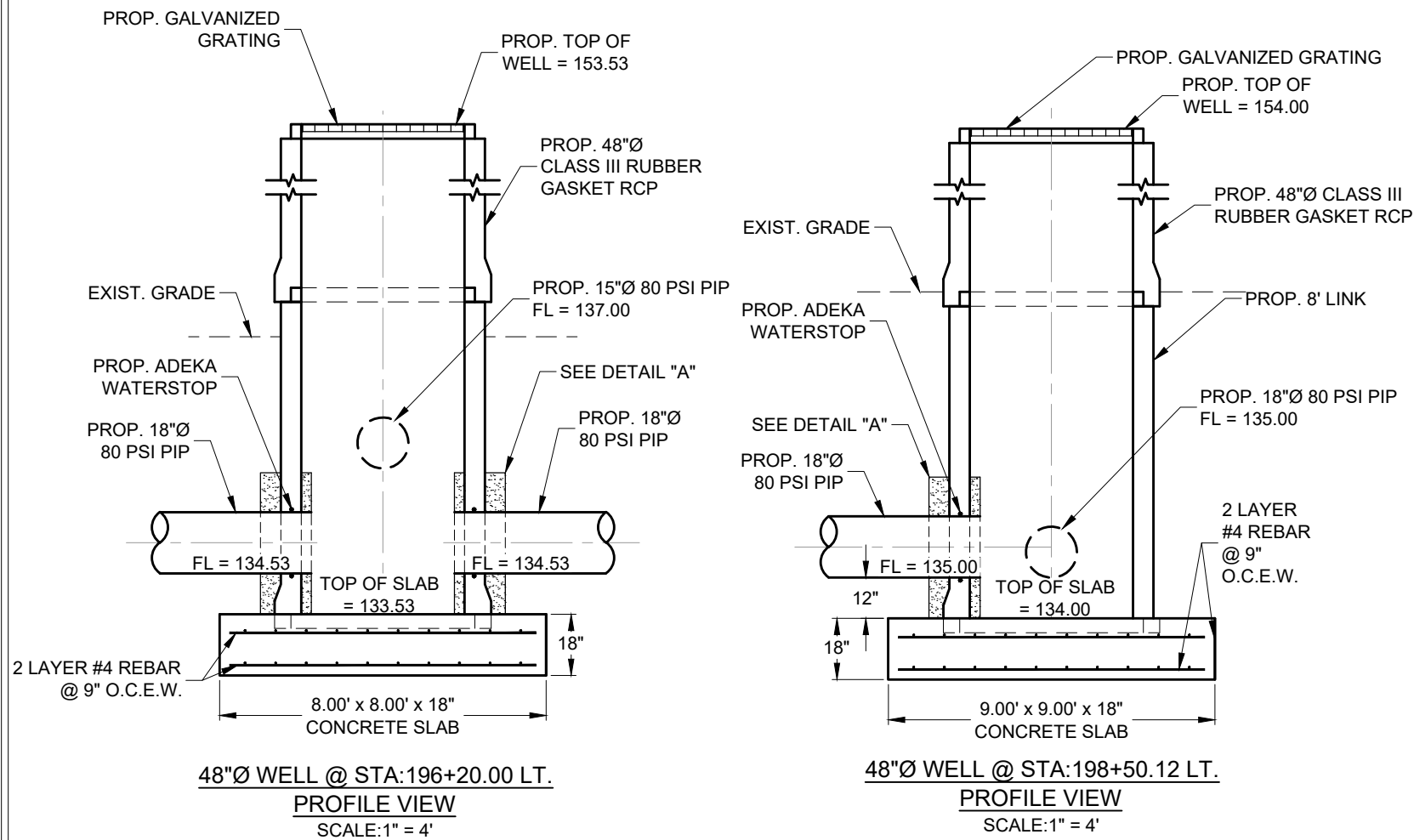
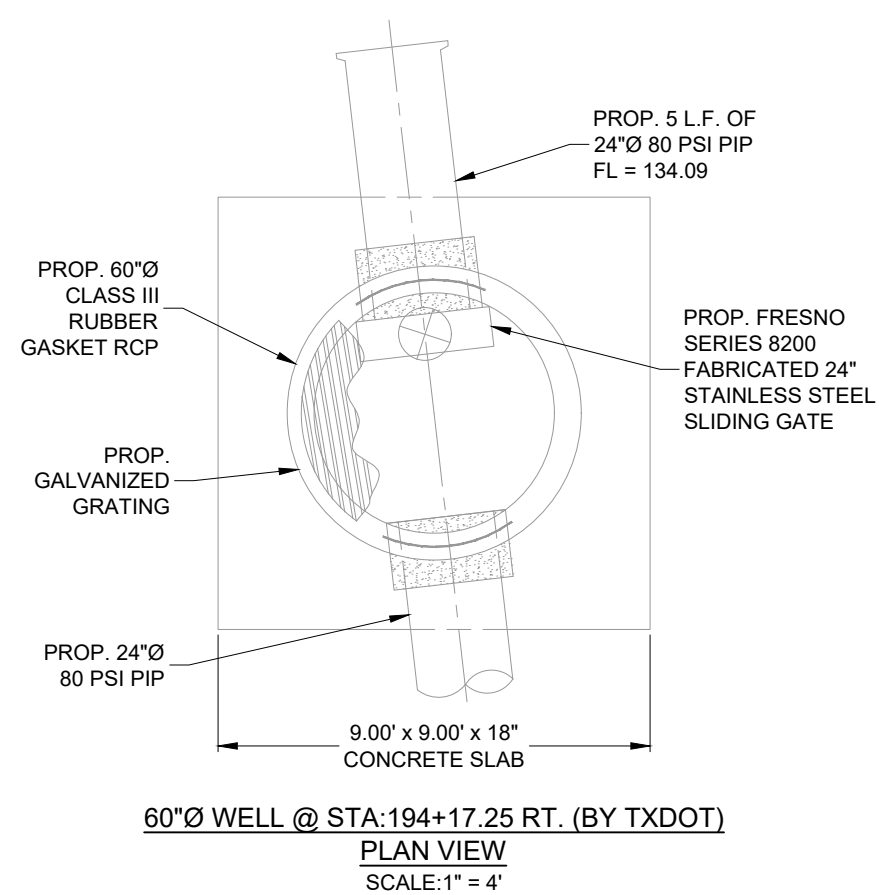
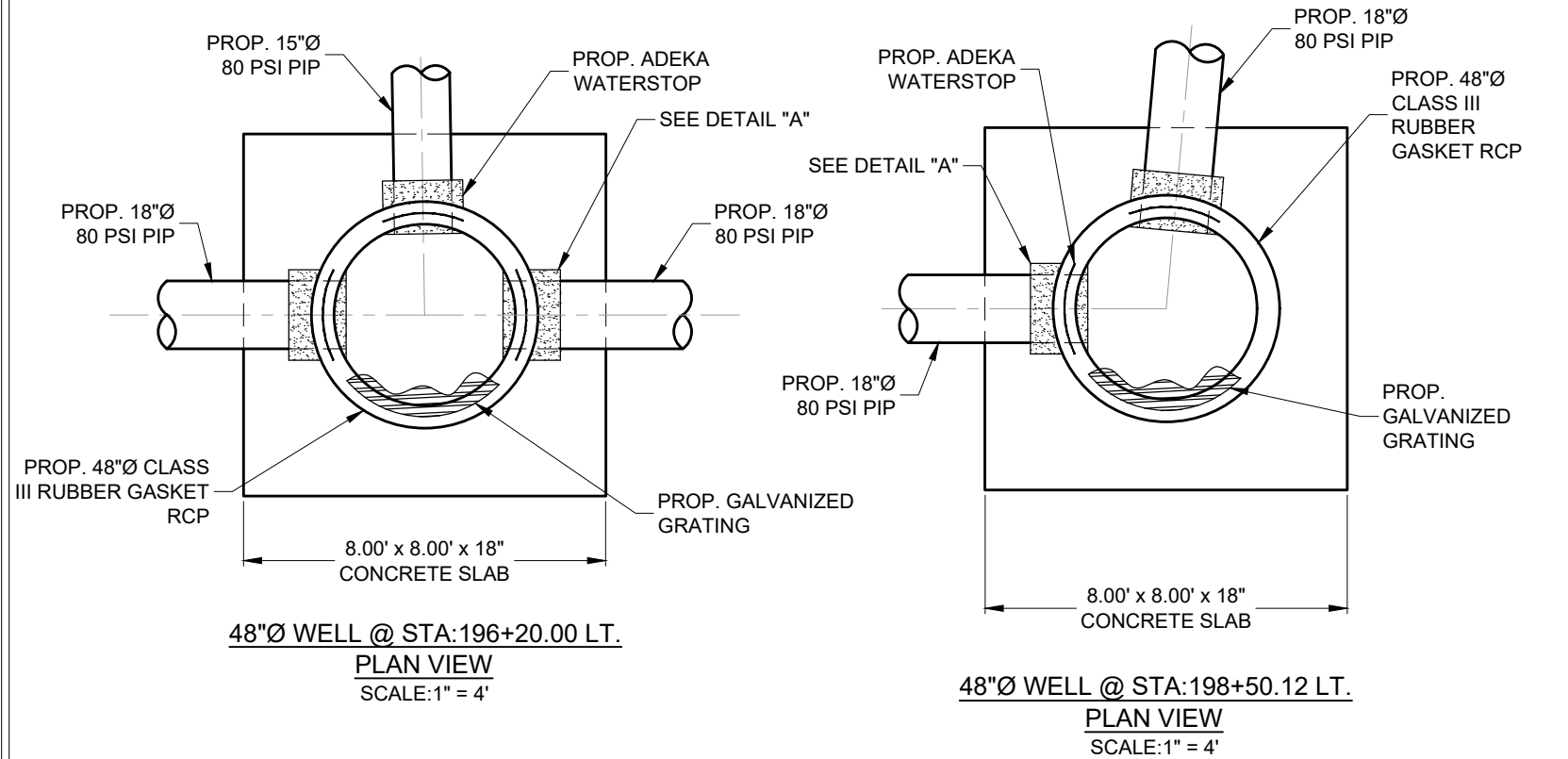
STATE OF TEXAS
★ ★ ★ ★ ★
ANTONIO L. REYNA
145245
LICENSED
PROFESSIONAL ENGINEER
Antonio Reyna
12.5.2025

FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
 1405 N. STUART PLACE ROAD
 HARTLINGEN, TEXAS 78552
 PHONE (956) 364-2236 FAX (956) 364-1023
 TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS

FM 494 (SHARY RD)
MILE 3 TO MILE 5
PROJECT DETAILS 06

SCALE: 1" = 4'		SHEET 37 OF 46			
DN:		CONT	SECT	JOB	HIGHWAY
CK DN:		---	---	---	FM 494
DWE					
CK DWE					
TR:		DIST	COUNTY		SHEET NO.
CK TR:		PHR	HIDALGO		

F:\0202 UJD\202-053A FM 494 Shary Road Project Mile 3 to Mile 5\DWG\202-053A FM494 M3-M5 Const Plans.dwg, 37-40, DETAILS 06-09



ADDENDUM NO. 2

STATE OF TEXAS
ANTONIO L. REYNA
145245
LICENSED
PROFESSIONAL ENGINEER
Antonio Reyna
12.5.2025

SCALE
HORIZONTAL: 1"=4'
VERTICAL: 1"=4'

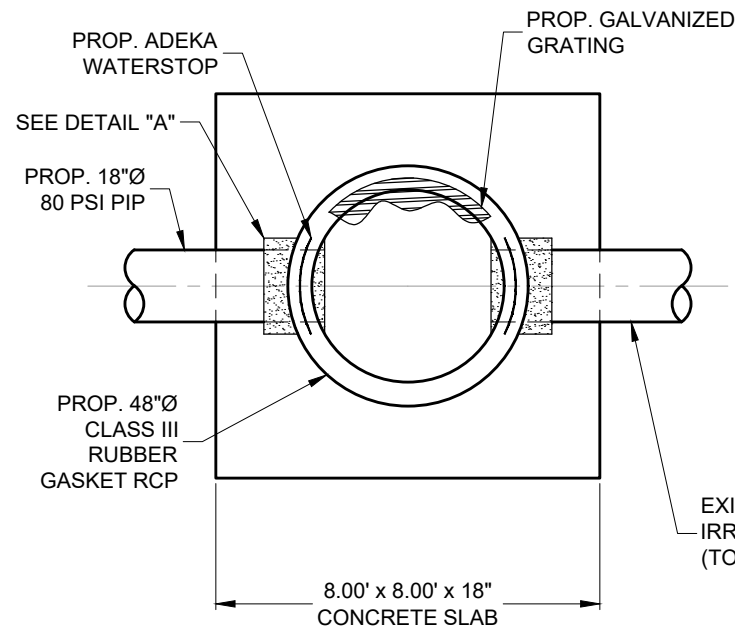
FERRIS, FLINN & MEDINA, LLC
ENGINEERS SURVEYORS
1405 N. STUART PLACE ROAD
HARLINGEN, TEXAS 79552
PHONE (361) 364-2700 FAX (361) 364-1023
TEXAS BOARD OF PROFESSIONAL LAND SURVEYORS TEXAS BOARD OF PROFESSIONAL ENGINEERS
PSM REGISTRATION NO. 50020-00 PSM REGISTRATION NO. F-807

UNITED IRRIGATION DISTRICT

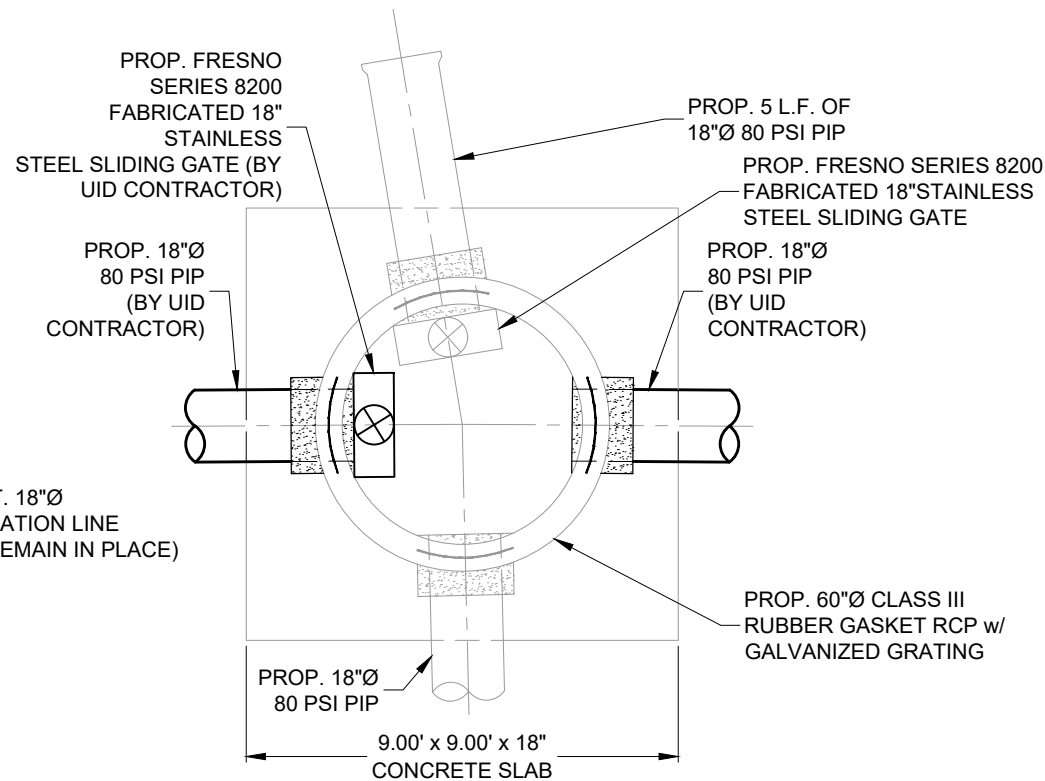
FM 494 (SHARY RD)
MILE 3 TO MILE 5
PROJECT DETAILS 07

SCALE: 1" = 4'		SHEET 38 OF 46	
DN:		CONT	SECT
CK DN:			
DW:			
CK DW:			
TR:			
CK TR:			
		JOB	HIGHWAY
			FM 494
		DIST	COUNTY
		PHR	HIDALGO
			SHEET NO.

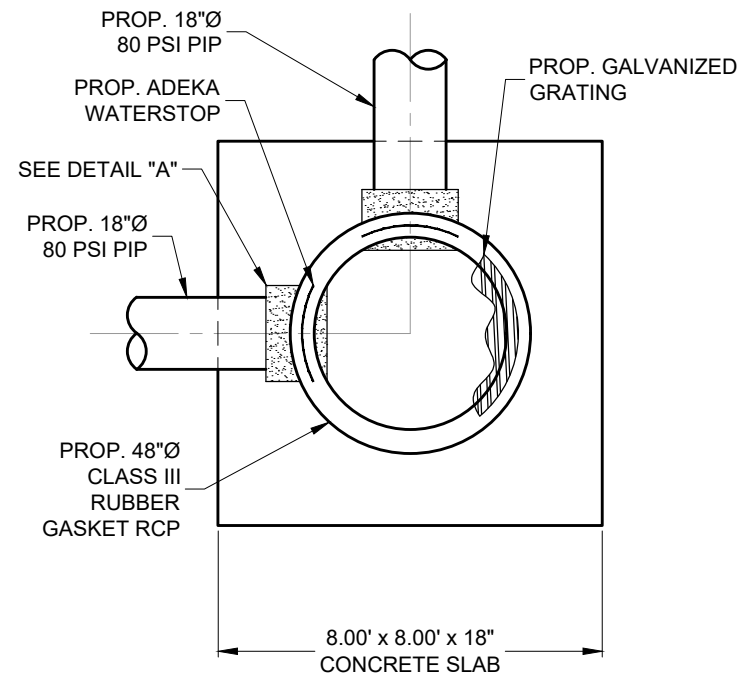
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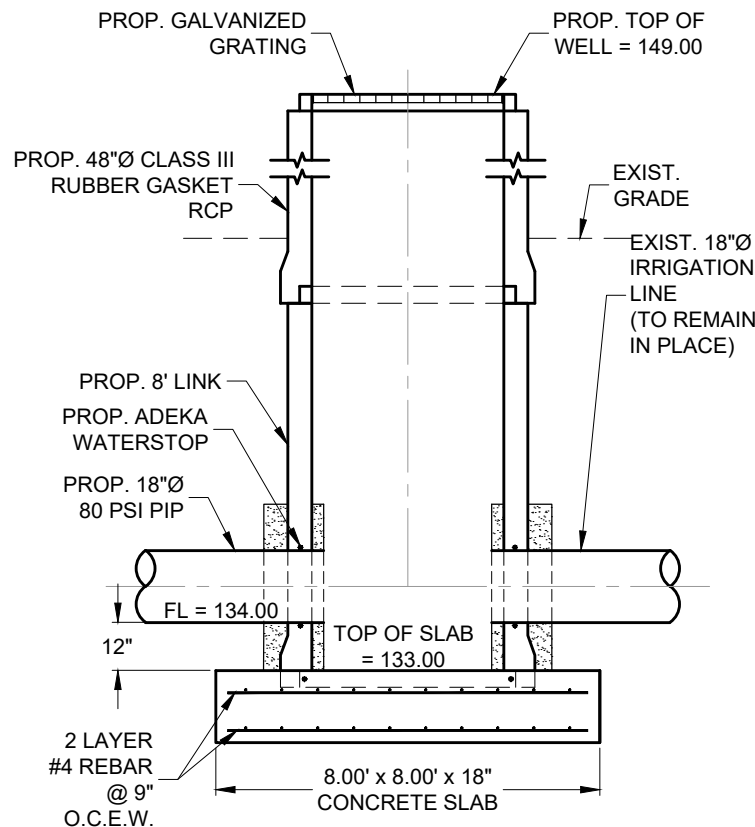
48"Ø WELL @ STA:218+76.33 RT.
PLAN VIEW
SCALE:1" = 4'



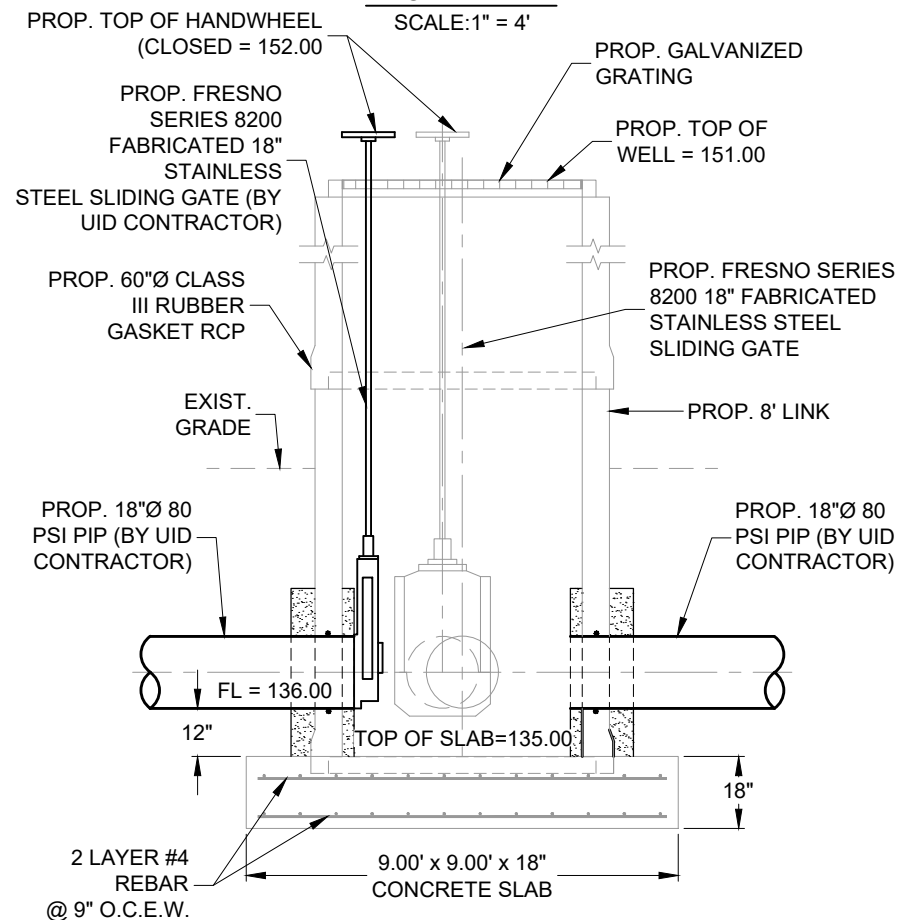
60"Ø WELL @ STA:220+72.00 RT. (BY TXDOT)
PROFILE VIEW
SCALE:1" = 4'



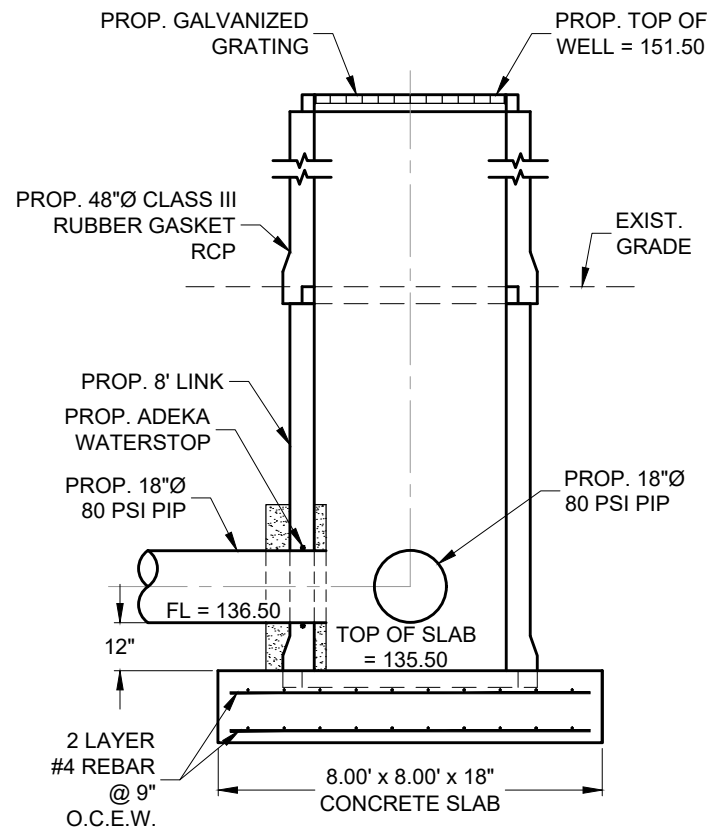
48"Ø WELL @ -72.00 LT., STA:225+20.00
PLAN VIEW
SCALE:1" = 4'



48"Ø WELL @ STA:218+76.33 RT.
PROFILE VIEW
SCALE:1" = 4'



60"Ø WELL @ STA:220+72.00 RT. (BY TXDOT)
PROFILE VIEW
SCALE:1" = 4'



48"Ø WELL @ -72.00 LT., STA:225+20.00
PROFILE VIEW
SCALE:1" = 4'

ADDENDUM NO. 2



SCALE
HORIZONTAL: 1"=4'
VERTICAL: 1"=4'

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PRLS REGISTRATION NO. 30020-00 PRLS REGISTRATION NO. F-887

UNITED IRRIGATION DISTRICT

FM 494 (SHARY RD)
MILE 3 TO MILE 5
PROJECT DETAILS 12

SCALE: 1" = 4'		SHEET 43 OF 46	
DN:		CONT	SECT
CK DN:		---	---
DW:			
CK DW:			
TR:			
CK TR:			
		JOB	HIGHWAY
			FM 494
		DIST	COUNTY
		PHR	HIDALGO
			SHEET NO.