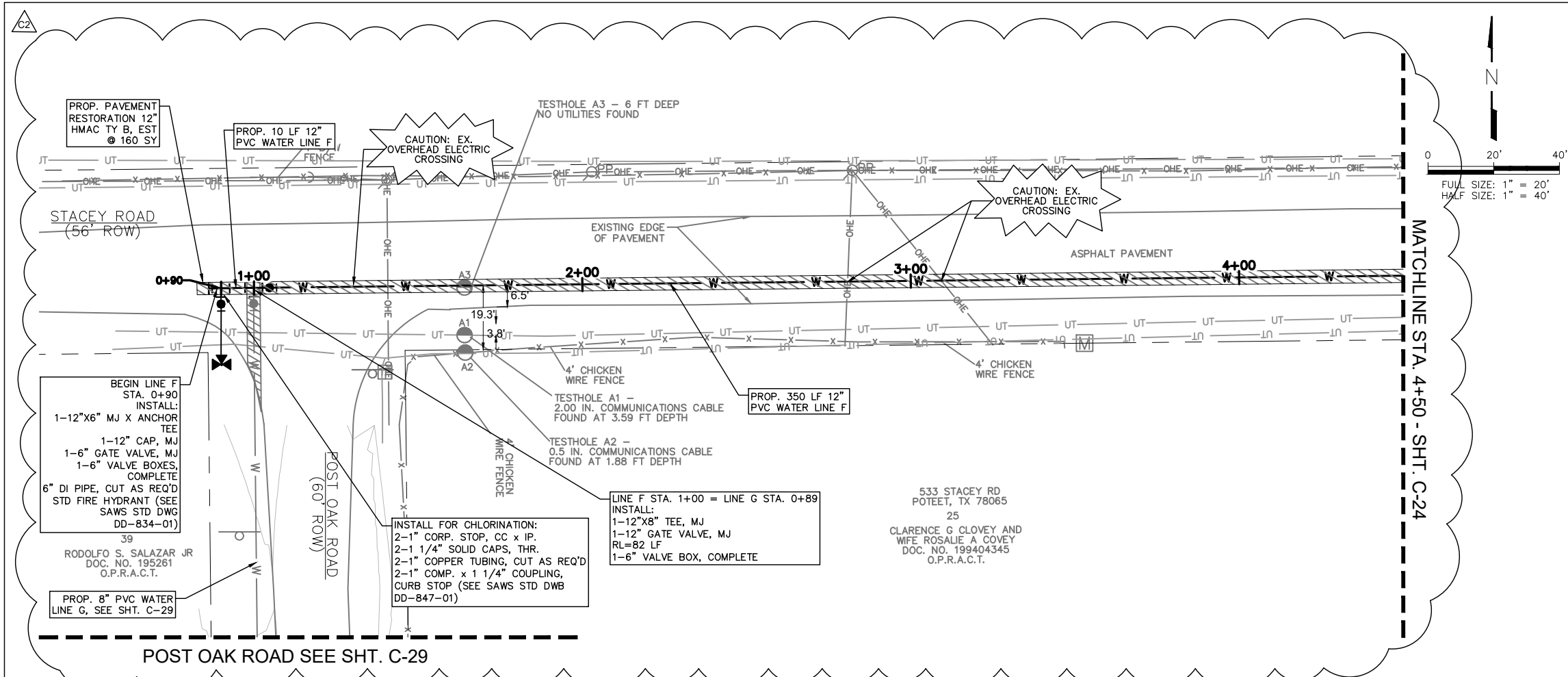
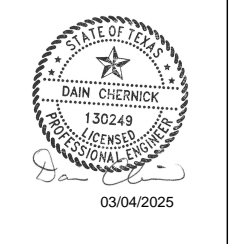


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- NOTES:
1. THE EXISTING UTILITIES THAT ARE BEING SHOWN IN THE PLANS ARE TAKEN FROM BEST AVAILABLE DATA. BEFORE COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY CROSSINGS, ELEVATIONS, AND LOCATIONS. ANY UTILITY DISCREPANCY SHALL BE REPORTED TO THE DESIGN ENGINEER.
  2. THE CONTRACTOR SHALL EXECUTE CAUTION WHEN EXCAVATING AROUND EXISTING UTILITIES.
  3. A CUSTOMER CUT OFF VALVE SHALL BE INSTALLED ON THE CUSTOMER SIDE OF ALL ACTIVE METERS (SERVICE RELAYS AND SERVICE RELOCATIONS) IN ACCORDANCE WITH SAWS STANDARD SPECIFICATION ITEM NO. 822. THIS WORK SHALL BE PAID FOR WITH THE PAY ITEM NO. 822, CUSTOMER'S YARD PIPING—SHORT YARD PIPING, PER EACH.

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	DC	15/16/2024	APPENDUM 1
2	DC	13/04/2025	STACEY RD RE-ALIGNMENT



**LEGEND**

	EXISTING EASEMENT
	EXISTING RIGHT-OF-WAY (R.O.W.)
	EXISTING PARCEL
	EXISTING WATER MAIN
	EXISTING OVERHEAD ELECTRIC
	EXISTING UNDERGROUND ELECTRIC
	EXISTING UNDERGROUND TELEPHONE/COMMUNICATION
	EXISTING CHAIN LINK FENCE
	EXISTING WOODEN FENCE
	EXISTING WIRE FENCE
	EXISTING WROUGHT IRON FENCE
	EXISTING WATER METER
	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING IRRIGATION VALVE
	EXISTING HOSE BIBB
	EXISTING WELL
	EXISTING MONITORING WELL
	EXISTING POWER POLE
	EXISTING STREET LIGHT
	EXISTING GUY ANCHOR
	EXISTING TELEPHONE MANHOLE
	EXISTING TELEPHONE PEDESTAL
	EXISTING MAILBOX
	EXISTING SIGN
	EXISTING TREE
	PROPOSED WATER VALVE
	PROPOSED FIRE HYDRANT
	PROPOSED WATER MAIN
	PROPOSED UNMETERED SERVICE 3/4" SINGLE
	1" OR LARGER
	PROPOSED SERVICE RECONNECT 3/4" SINGLE
	1" OR LARGER
	PROPOSED SERVICE RELAY 3/4" SINGLE
	1" OR LARGER
	PROPOSED SERVICE RELOCATE 3/4" SINGLE
	1" OR LARGER
	PROPOSED NEW SERVICE 3/4" SINGLE
	1" OR LARGER
	RELOCATE METER
	DUAL BRANCH SERV.
	UTILITY CROSSING
	PAVEMENT RESTORATION

**WATER MAIN REPLACEMENT PLAN - LINE F**

**ESTIMATED QUANTITIES**

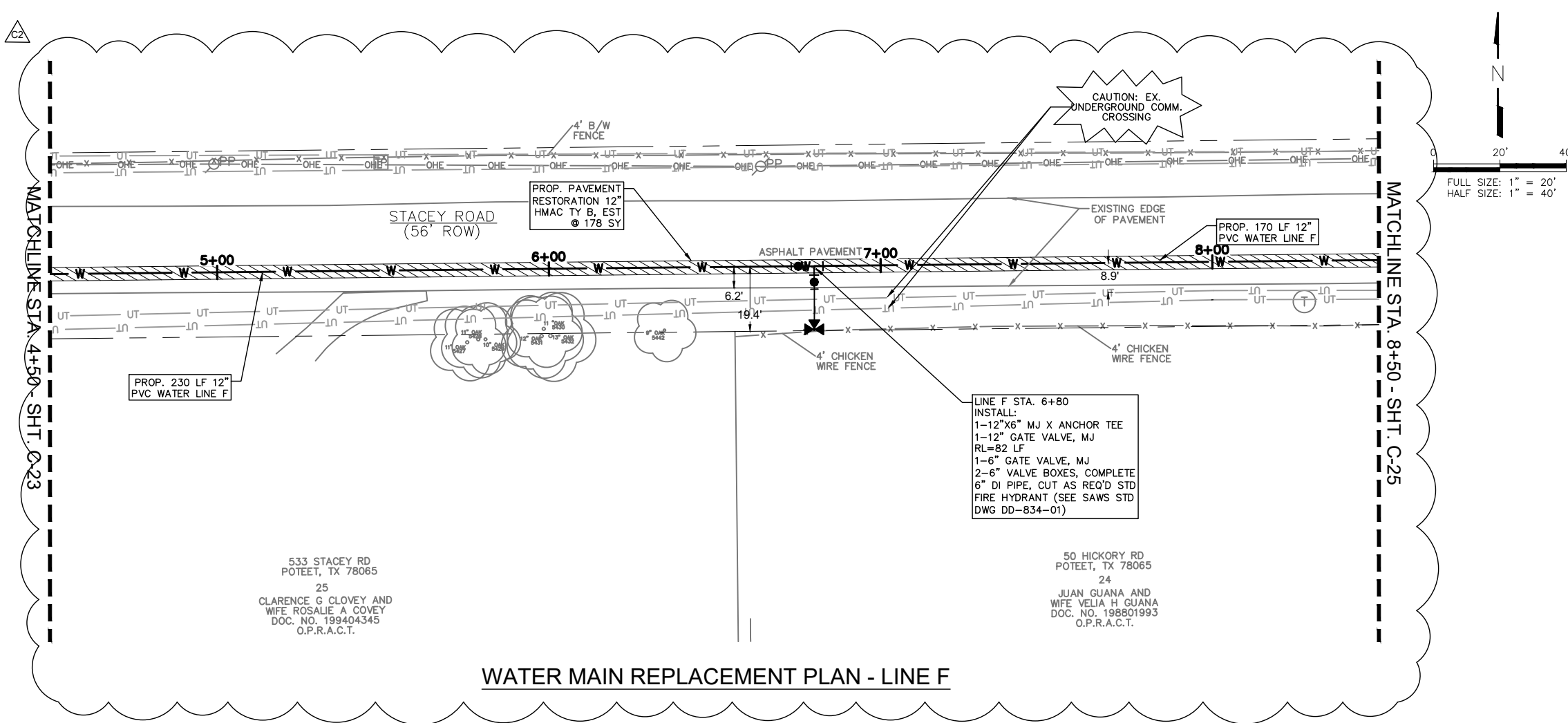
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
COSA 205.2	HOT MIX ASPHALTIC PAVEMENT, TYPE B (12" COMP. DEPTH)	SY	160
COSA 520.1	HYDROMULCHING	SY	15
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	360
818	WATER PIPE INSTALLATION PVC (C-900, DR-18), 12"	LF	360
828	GATE VALVES (12")	EA	1
834.1	FIRE HYDRANT	EA	1
836	GREY IRON AND DUCTILE IRON FITTINGS	TN	0.12

**WESTON** WESTON SOLUTIONS, INC.  
70 NE LOOP 410, SUITE 600  
SAN ANTONIO, TEXAS 78216-5842  
REGISTERED ENGINEERING FIRM F-3123

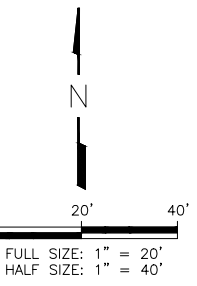
**San Antonio Water System**  
SOUTH PRIMROSE WATER LINE F PLAN  
STA. 0+90 TO 4+50

NOTES	INITIALS	DATE
DESIGNED BY	DC	05/23
REVIEWED BY	RK	05/23
SCALE:	AS SHOWN	
SHEET NO.	C-23 46 of 120	

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- NOTES:
1. THE EXISTING UTILITIES THAT ARE BEING SHOWN IN THE PLANS ARE TAKEN FROM BEST AVAILABLE DATA. BEFORE COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY CROSSINGS, ELEVATIONS, AND LOCATIONS. ANY UTILITY DISCREPANCY SHALL BE REPORTED TO THE DESIGN ENGINEER.
  2. THE CONTRACTOR SHALL EXECUTE CAUTION WHEN EXCAVATING AROUND EXISTING UTILITIES.
  3. A CUSTOMER CUT OFF VALVE SHALL BE INSTALLED ON THE CUSTOMER SIDE OF ALL ACTIVE METERS (SERVICE RELAYS AND SERVICE RELOCATIONS) IN ACCORDANCE WITH SAWS STANDARD SPECIFICATION ITEM NO. 822. THIS WORK SHALL BE PAID FOR WITH THE PAY ITEM NO. 822, CUSTOMER'S YARD PIPING—SHORT YARD PIPING, PER EACH.



**WATER MAIN REPLACEMENT PLAN - LINE F**

- LEGEND**
- EXISTING EASEMENT
  - - - EXISTING RIGHT-OF-WAY (R.O.W.)
  - EXISTING PARCEL
  - W EXISTING WATER MAIN
  - OHE EXISTING OVERHEAD ELECTRIC
  - UGE EXISTING UNDERGROUND ELECTRIC
  - UT EXISTING UNDERGROUND TELEPHONE/COMMUNICATION
  - EXISTING CHAIN LINK FENCE
  - /// EXISTING WOODEN FENCE
  - x-x EXISTING WIRE FENCE
  - EXISTING WROUGHT IRON FENCE
  - ⊙ EXISTING WATER METER
  - ⊕ EXISTING WATER VALVE
  - ⊕ EXISTING FIRE HYDRANT
  - ⊕ EXISTING IRRIGATION VALVE
  - ⊕ EXISTING HOSE BIBB
  - ⊕ EXISTING WELL
  - ⊕ EXISTING MONITORING WELL
  - ⊕ EXISTING POWER POLE
  - ⊕ EXISTING STREET LIGHT
  - ⊕ EXISTING GUY ANCHOR
  - ⊕ EXISTING TELEPHONE MANHOLE
  - ⊕ EXISTING TELEPHONE PEDESTAL
  - ⊕ EXISTING MAILBOX
  - ⊕ EXISTING SIGN
  - ⊕ EXISTING TREE
  - ⊕ PROPOSED WATER VALVE
  - ⊕ PROPOSED FIRE HYDRANT
  - W PROPOSED WATER MAIN
  - PROPOSED UNMETERED SERVICE 3/4" SINGLE
  - PROPOSED UNMETERED SERVICE 1" OR LARGER
  - PROPOSED SERVICE RECONNECT 3/4" SINGLE
  - PROPOSED SERVICE RECONNECT 1" OR LARGER
  - PROPOSED SERVICE RELAY 3/4"
  - PROPOSED SERVICE RELAY 1" OR LARGER
  - PROPOSED SERVICE RELOCATE 3/4"
  - PROPOSED SERVICE RELOCATE 1" OR LARGER
  - PROPOSED NEW SERVICE 3/4"
  - PROPOSED NEW SERVICE 1" OR LARGER
  - ▽ RELOCATE METER
  - ▽ DUAL BRANCH SERV.
  - ☆ UTILITY CROSSING
  - ▨ PAVEMENT RESTORATION

ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
COSA 205.2	HOT MIX ASPHALTIC PAVEMENT, TYPE B (12" COMP. DEPTH)	SY	178
COSA 520.1	HYDROMULCHING	SY	15
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	400
818	WATER PIPE INSTALLATION PVC (C-900, DR-18), 12"	LF	400
828	GATE VALVES (12")	EA	1
834.1	FIRE HYDRANT	EA	1
836	GREY IRON AND DUCTILE IRON FITTINGS	TN	0.06

	REVISION DESCRIPTION		
1	ADDENDUM 1	DATE	
2	STACEY RD. REALIGNMENT	D.C. 15/16/2024	
		D.C. 13/04/2025	

03/04/2025

**WESTON** WESTON SOLUTIONS, INC.  
70 NE LOOP 410, SUITE 600  
SAN ANTONIO, TEXAS 78216-5842  
REGISTERED ENGINEERING FIRM F-3123

PRIMROSE OAKS SOUTH WATER MAIN REPLACEMENT

**SOUTH PRIMROSE WATER LINE F PLAN**  
STA. 4+50 TO 8+50

**San Antonio Water System**

SAWS

JOB NO. 21-7002

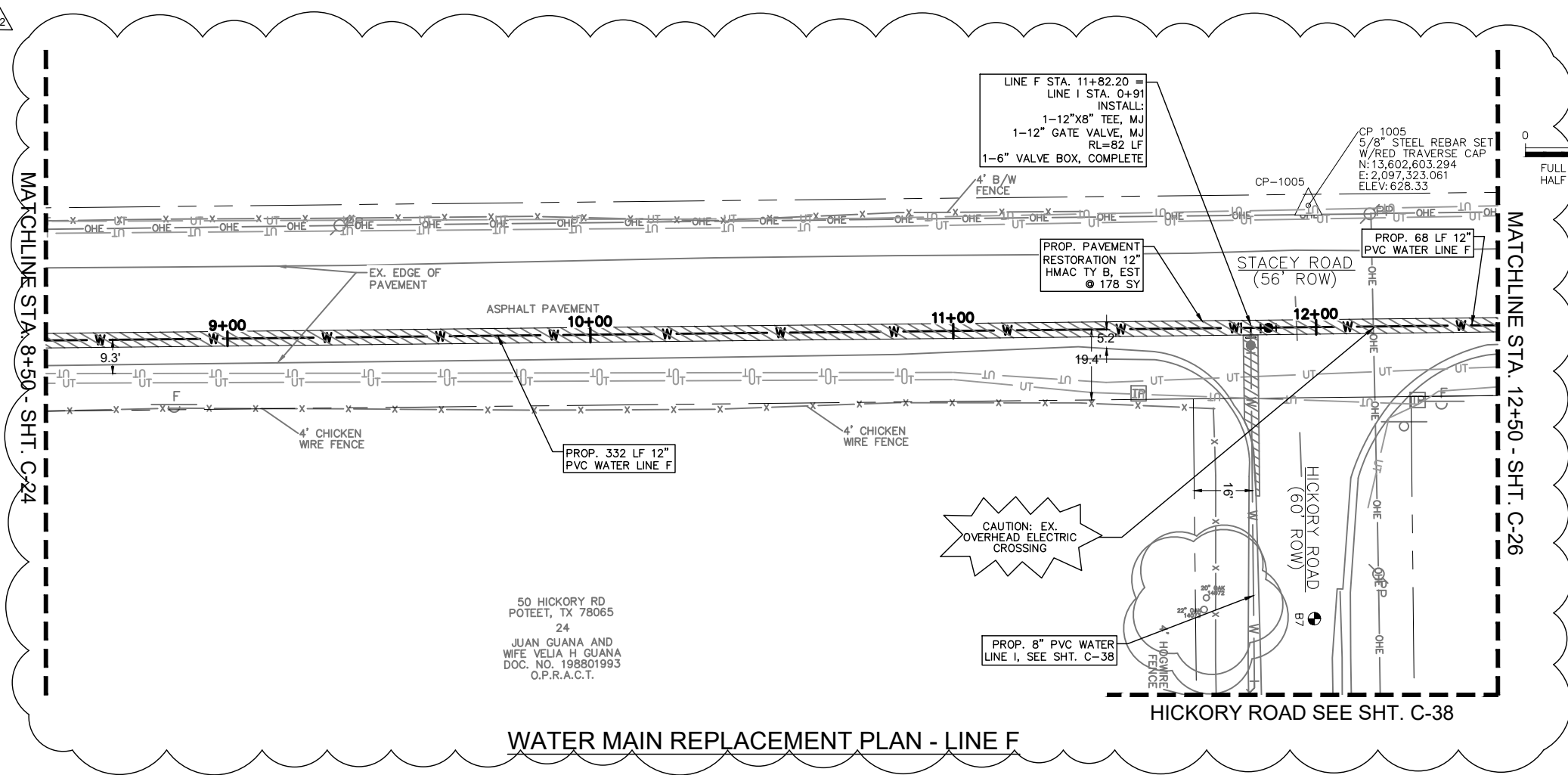
NOTES	INITIALS	DATE
DESIGNED BY	DC	05/23
REVIEWED BY	RK	05/23
SCALE:	AS SHOWN	

SHEET NO.

**C-24**  
47 of 120

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C2



- NOTES:
1. THE EXISTING UTILITIES THAT ARE BEING SHOWN IN THE PLANS ARE TAKEN FROM BEST AVAILABLE DATA. BEFORE COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY CROSSINGS, ELEVATIONS, AND LOCATIONS. ANY UTILITY DISCREPANCY SHALL BE REPORTED TO THE DESIGN ENGINEER.
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50 HICKORY RD  
 POTEET, TX 78065  
 24  
 JUAN GUANA AND  
 WIFE VELIA H GUANA  
 DOC. NO. 198801993  
 O.P.R.A.C.T.

WATER MAIN REPLACEMENT PLAN - LINE F

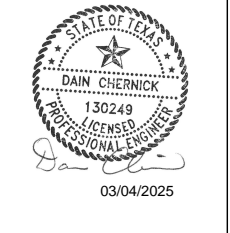
LEGEND

- EXISTING EASEMENT
- - - EXISTING RIGHT-OF-WAY (R.O.W.)
- EXISTING PARCEL
- W --- EXISTING WATER MAIN
- OHE --- EXISTING OVERHEAD ELECTRIC
- UGE --- EXISTING UNDERGROUND ELECTRIC
- UT --- EXISTING UNDERGROUND TELEPHONE/COMMUNICATION
- EXISTING CHAIN LINK FENCE
- /// EXISTING WOODEN FENCE
- x x EXISTING WIRE FENCE
- □ EXISTING WROUGHT IRON FENCE
- ⊙ EXISTING WATER METER
- ⊕ EXISTING WATER VALVE
- ⊕ EXISTING FIRE HYDRANT
- ⊕ EXISTING IRRIGATION VALVE
- ⊕ EXISTING HOSE BIBB
- ⊕ EXISTING WELL
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- ⊕ EXISTING TELEPHONE PEDESTAL
- ⊕ EXISTING MAILBOX
- ⊕ EXISTING SIGN
- ⊕ EXISTING TREE
- ⊕ PROPOSED WATER VALVE
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- ⊕ PROPOSED WATER MAIN
- ⊕ PROPOSED UNMETERED SERVICE 3/4" SINGLE
- ⊕ PROPOSED SERVICE RECONNECT 3/4" SINGLE
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- ⊕ PROPOSED SERVICE RELOCATE 3/4" SINGLE
- ⊕ PROPOSED NEW SERVICE 3/4" SINGLE
- ⊕ RELOCATE METER
- ⊕ DUAL BRANCH SERV.
- ⊕ UTILITY CROSSING
- ⊕ PAVEMENT RESTORATION

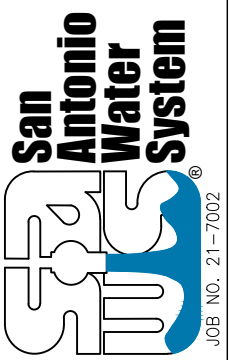
C2

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
COSA 205.2	HOT MIX ASPHALTIC PAVEMENT, TYPE B (12" COMP. DEPTH)	SY	178
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	400
818	WATER PIPE INSTALLATION PVC (C-900, DR-18), 12"	LF	400
828	GATE VALVES (12")	EA	1
836	GREY IRON AND DUCTILE IRON FITTINGS	TN	0.06

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	DC	15/16/2024	ADDENDUM 1
2	DC	13/04/2025	STACEY RD RE-ALIGNMENT



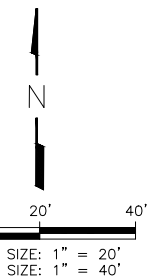
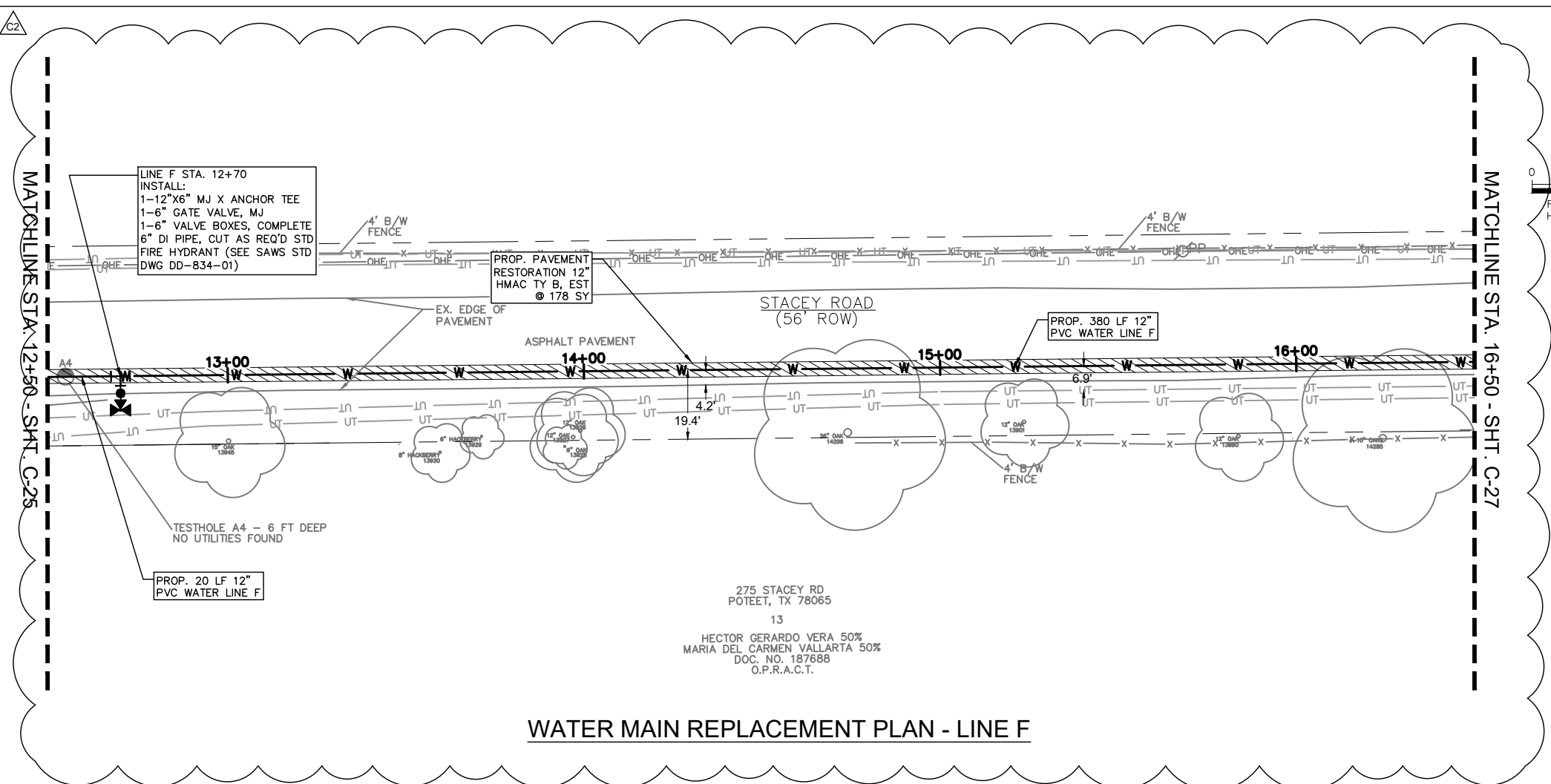
WESTON SOLUTIONS, INC.  
 70 NE LOOP 410, SUITE 600  
 SAN ANTONIO, TEXAS 78216-5842  
 TEXAS REGISTERED ENGINEERING FIRM F-3123  
 PRIMROSE OAKS SOUTH WATER MAIN REPLACEMENT  
 SOUTH PRIMROSE WATER LINE F PLAN  
 STA. 8+50 TO 12+50



NOTES	INITIALS	DATE
DESIGNED BY	DC	05/23
REVIEWED BY	RK	05/23
SCALE:	AS SHOWN	

SHEET NO. C-25  
 48 of 120

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**WATER MAIN REPLACEMENT PLAN - LINE F**

275 STACEY RD  
 POTEET, TX 78065  
 13  
 HECTOR GERARDO VERA 50%  
 MARIA DEL CARMEN VALLARTA 50%  
 DOC. NO. 187688  
 O.P.R.A.C.T.

**LEGEND**

- EXISTING EASEMENT
- - - EXISTING RIGHT-OF-WAY (R.O.W.)
- EXISTING PARCEL
- W EXISTING WATER MAIN
- OHE EXISTING OVERHEAD ELECTRIC
- UGE EXISTING UNDERGROUND ELECTRIC
- UT EXISTING UNDERGROUND TELEPHONE/COMMUNICATION
- EXISTING CHAIN LINK FENCE
- /// EXISTING WOODEN FENCE
- x x EXISTING WIRE FENCE
- □ EXISTING WROUGHT IRON FENCE
- ○ EXISTING WATER METER
- ○ EXISTING WATER VALVE
- ○ EXISTING FIRE HYDRANT
- ○ EXISTING IRRIGATION VALVE
- ○ EXISTING HOSE BIBB
- ○ EXISTING WELL
- ○ EXISTING MONITORING WELL
- ○ EXISTING POWER POLE
- ○ EXISTING STREET LIGHT
- ○ EXISTING GUY ANCHOR
- ○ EXISTING TELEPHONE MANHOLE
- ○ EXISTING TELEPHONE PEDESTAL
- ○ EXISTING MAILBOX
- ○ EXISTING SIGN
- ○ EXISTING TREE
- ○ PROPOSED WATER VALVE
- ○ PROPOSED FIRE HYDRANT
- W PROPOSED WATER MAIN
- PROPOSED UNMETERED SERVICE 3/4" SINGLE
- PROPOSED SERVICE RECONNECT 3/4" SINGLE
- PROPOSED SERVICE RELAY 3/4" 1" OR LARGER
- PROPOSED SERVICE RELOCATE 3/4" 1" OR LARGER
- PROPOSED NEW SERVICE 3/4" 1" OR LARGER
- ▷ RELOCATE METER
- ★ DUAL BRANCH SERV.
- ★ UTILITY CROSSING
- ▨ PAVEMENT RESTORATION

△ C2

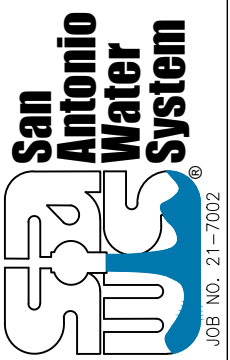
ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
COSA 205.2	HOT MIX ASPHALTIC PAVEMENT, TYPE B (12" COMP. DEPTH)	SY	178
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550	TRENCH EXCAVATION SAFETY PROTECTION	LF	400
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834.1	FIRE HYDRANT	EA	1
836	GREY IRON AND DUCTILE IRON FITTINGS	TN	0.06

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	D.C.	15/16/2024	ADDENDUM 1
2	D.C.	3/04/2025	STACEY RD RE-ALIGNMENT



03/04/2025

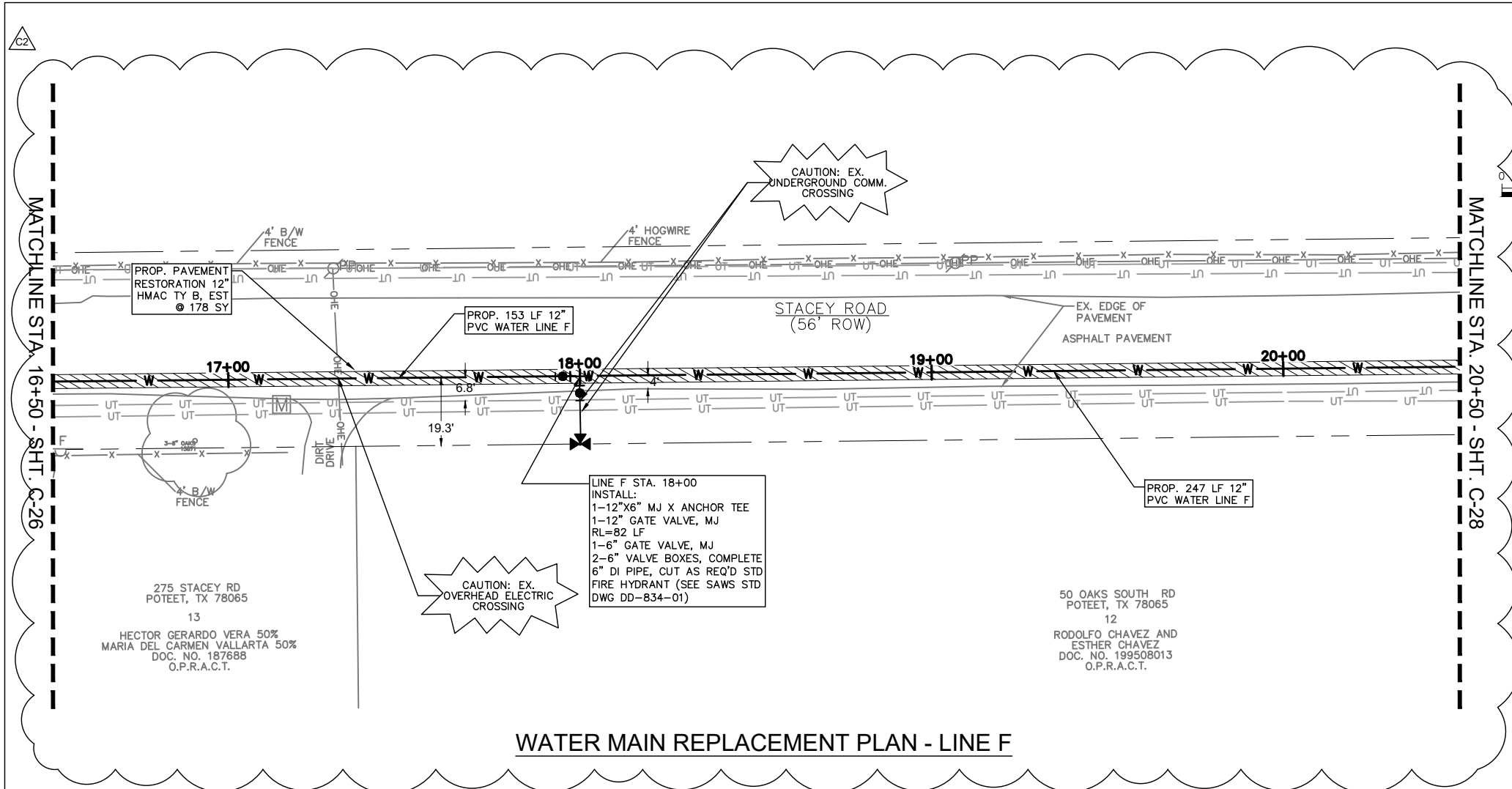
**WESTON** WESTON SOLUTIONS, INC.  
 70 NE LOOP 410, SUITE 600  
 SAN ANTONIO, TEXAS 78216-5842  
 TEXAS REGISTERED ENGINEERING FIRM F-3123  
 PRIMROSE OAKS SOUTH WATER MAIN REPLACEMENT



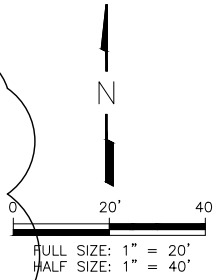
NOTES	INITIALS	DATE
DESIGNED BY	DC	05/23
REVIEWED BY	RK	05/23

SHEET NO. **C-26**  
 49 of 120

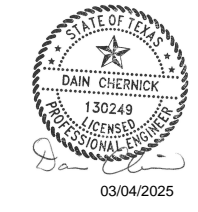
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**WATER MAIN REPLACEMENT PLAN - LINE F**



- NOTES:
1. THE EXISTING UTILITIES THAT ARE BEING SHOWN IN THE PLANS ARE TAKEN FROM BEST AVAILABLE DATA. BEFORE COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY CROSSINGS, ELEVATIONS, AND LOCATIONS. ANY UTILITY DISCREPANCY SHALL BE REPORTED TO THE DESIGN ENGINEER.
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03/04/2025

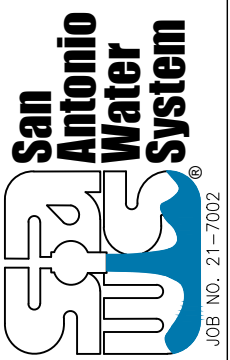
**LEGEND**

- EXISTING EASEMENT
- - - EXISTING RIGHT-OF-WAY (R.O.W.)
- EXISTING PARCEL
- w- EXISTING WATER MAIN
- OHE- EXISTING OVERHEAD ELECTRIC
- UGE- EXISTING UNDERGROUND ELECTRIC
- UT- EXISTING UNDERGROUND TELEPHONE/COMMUNICATION
- EXISTING CHAIN LINK FENCE
- //// EXISTING WOODEN FENCE
- x-x- EXISTING WIRE FENCE
- EXISTING WROUGHT IRON FENCE
- ⊙ EXISTING WATER METER
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- ⊕ RELOCATE METER
- ⊕ DUAL BRANCH SERV.
- ⊕ UTILITY CROSSING
- ⊕ PAVEMENT RESTORATION

C2

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
COSA 205.2	HOT MIX ASPHALTIC PAVEMENT, TYPE B (12" COMP. DEPTH)	SY	178
COSA 520.1	HYDROMULCHING	SY	15
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	400
818	WATER PIPE INSTALLATION PVC (C-900, DR-18), 12"	LF	400
828	GATE VALVES (12")	EA	1
834.1	FIRE HYDRANT	EA	1
836	GREY IRON AND DUCTILE IRON FITTINGS	TN	0.06

**WESTON** WESTON SOLUTIONS, INC.  
 70 NE LOOP 410, SUITE 600  
 SAN ANTONIO, TEXAS 78216-5842  
 TEXAS REGISTERED ENGINEERING FIRM F-3123



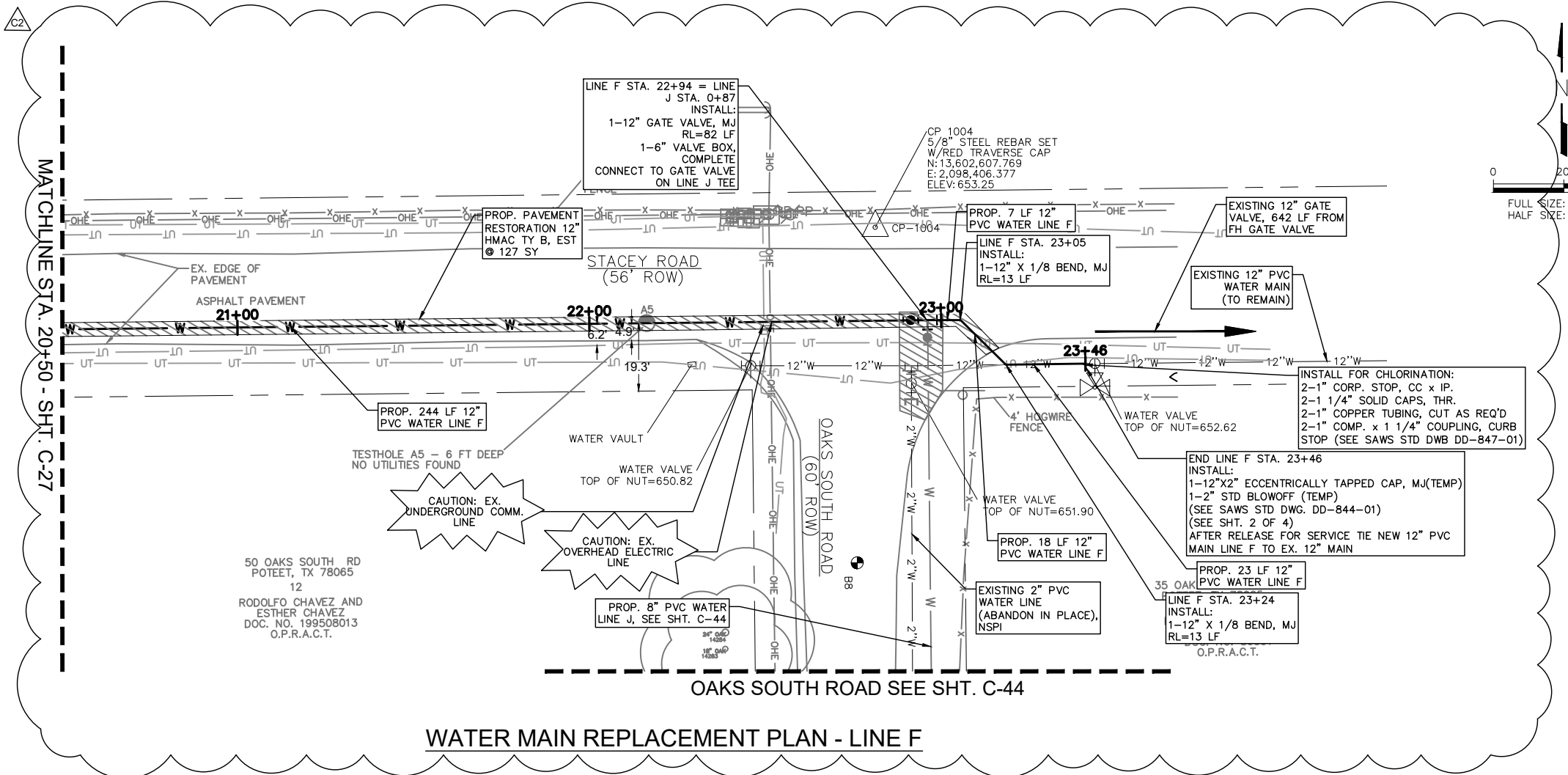
NOTES	INITIALS	DATE
DESIGNED BY	DC	05/23
REVIEWED BY	RK	05/23

SCALE: AS SHOWN  
 SHEET NO. **C-27**  
 50 OF 120

PRIMROSE OAKS SOUTH WATER MAIN REPLACEMENT  
 SOUTH PRIMROSE WATER LINE F PLAN  
 STA. 16+50 TO 20+50

JOB NO. 21-7002

\\nasstx1\STX\_Data\Shored\SAWS\2019 Small Capacity Constraints\07.0 Design Engineering\CAD\Production Drawings\PRWL-C-23-C-43\_rev.dwg Mar 04,2025 - 1:00pm edwardse  
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**WATER MAIN REPLACEMENT PLAN - LINE F**

- NOTES:
1. THE EXISTING UTILITIES THAT ARE BEING SHOWN IN THE PLANS ARE TAKEN FROM BEST AVAILABLE DATA. BEFORE COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY CROSSINGS, ELEVATIONS, AND LOCATIONS. ANY UTILITY DISCREPANCY SHALL BE REPORTED TO THE DESIGN ENGINEER.
  2. THE CONTRACTOR SHALL EXECUTE CAUTION WHEN EXCAVATING AROUND EXISTING UTILITIES.
  3. A CUSTOMER CUT OFF VALVE SHALL BE INSTALLED ON THE CUSTOMER SIDE OF ALL ACTIVE METERS (SERVICE RELAYS AND SERVICE RELOCATIONS) IN ACCORDANCE WITH SAWS STANDARD SPECIFICATION ITEM NO. 822. THIS WORK SHALL BE PAID FOR WITH THE PAY ITEM NO. 822, CUSTOMER'S YARD PIPING—SHORT YARD PIPING, PER EACH.

- LEGEND**
- EXISTING EASEMENT
  - - - EXISTING RIGHT-OF-WAY (R.O.W.)
  - EXISTING PARCEL
  - W--- EXISTING WATER MAIN
  - OHE--- EXISTING OVERHEAD ELECTRIC
  - UGE--- EXISTING UNDERGROUND ELECTRIC
  - UT--- EXISTING UNDERGROUND TELEPHONE/COMMUNICATION
  - EXISTING CHAIN LINK FENCE
  - EXISTING WOODEN FENCE
  - X--- EXISTING WIRE FENCE
  - EXISTING WROUGHT IRON FENCE
  - ⊙--- EXISTING WATER METER
  - ⊕--- EXISTING WATER VALVE
  - ⊕--- EXISTING FIRE HYDRANT
  - ⊕--- EXISTING IRRIGATION VALVE
  - ⊕--- EXISTING POWER POLE
  - ⊕--- EXISTING STREET LIGHT
  - ⊕--- EXISTING GUY ANCHOR
  - ⊕--- EXISTING TELEPHONE MANHOLE
  - ⊕--- EXISTING TELEPHONE PEDESTAL
  - ⊕--- EXISTING MAILBOX
  - ⊕--- EXISTING SIGN
  - ⊕--- EXISTING TREE
  - ⊕--- PROPOSED WATER VALVE
  - ⊕--- PROPOSED FIRE HYDRANT
  - W--- PROPOSED WATER MAIN
  - PROPOSED UNMETERED SERVICE 3/4" SINGLE
  - PROPOSED UNMETERED SERVICE 1" OR LARGER
  - PROPOSED SERVICE RECONNECT 3/4" SINGLE
  - PROPOSED SERVICE RECONNECT 1" OR LARGER
  - PROPOSED SERVICE RELAY 3/4" SINGLE
  - PROPOSED SERVICE RELAY 1" OR LARGER
  - PROPOSED SERVICE RELOCATE 3/4" SINGLE
  - PROPOSED SERVICE RELOCATE 1" OR LARGER
  - PROPOSED NEW SERVICE 3/4" SINGLE
  - PROPOSED NEW SERVICE 1" OR LARGER
  - ⊕--- RELOCATE METER
  - ⊕--- DUAL BRANCH SERV.
  - ⊕--- UTILITY CROSSING
  - PAVEMENT RESTORATION

**ESTIMATED QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
COSA 205.2	HOT MIX ASPHALTIC PAVEMENT, TYPE B (12" COMP. DEPTH)	SY	127
COSA 520.1	HYDROMULCHING	SY	30
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	292
818	WATER PIPE INSTALLATION PVC (C-900, DR-18), 12"	LF	292
828	GATE VALVES (12")	EA	1
840	12" WATER TIE-INS	EA	1
836	GREY IRON AND DUCTILE IRON FITTINGS	TN	0.10
844	TEMPORARY BLOW-OFF ASSEMBLY (2")	EA	1

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	D.C.	15/16/2024	ADDENDUM 1
2	D.C.	13/04/2025	STACEY RD RE-ALIGNMENT

**WESTON SOLUTIONS, INC.**  
 70 NE LOOP 410, SUITE 600  
 SAN ANTONIO, TEXAS 78216-5842  
REGISTERED ENGINEERING FIRM F-3123

**SOUTH PRIMROSE WATER LINE F PLAN**  
 STA. 20+50 TO 22+94

**San Antonio Water System**  
SAWS

JOB NO. 21-7002

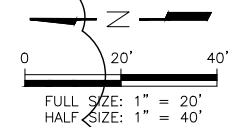
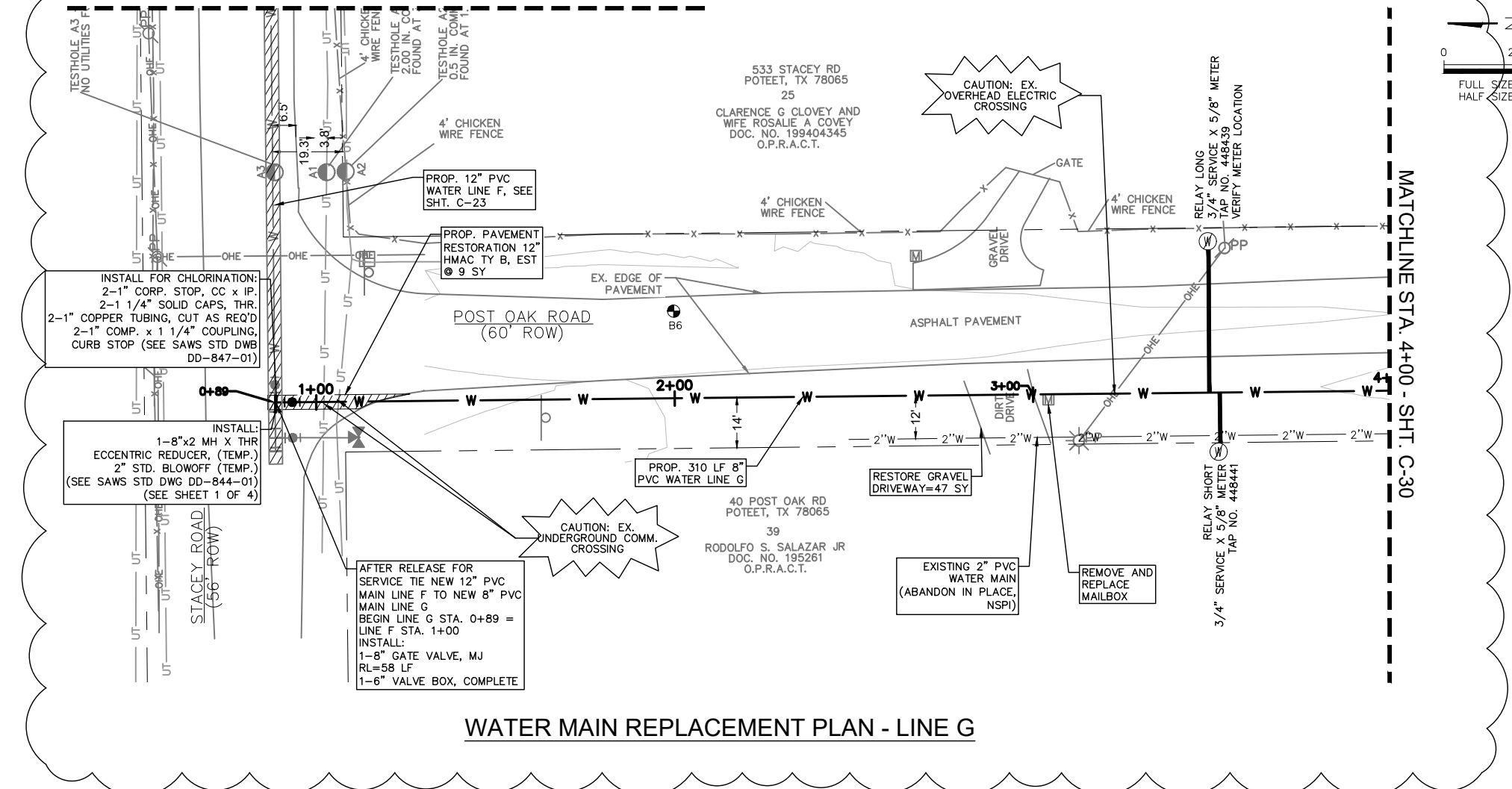
NOTES	INITIALS	DATE
DESIGNED BY	DC	05/23
REVIEWED BY	RK	05/23
SCALE:	AS SHOWN	

SHEET NO.

**C-28**  
51 of 120

\\nasstx1\STX\_Data\Shared\SAWS\2019 Small Capacity Constraints\07.0 Design Engineering\CAD\Production Drawings\PRWL-C-23-C-43\_rev.dwg Mar 04, 2025 - 1:00pm edwardse

C2



NOTES:

- THE EXISTING UTILITIES THAT ARE BEING SHOWN IN THE PLANS ARE TAKEN FROM BEST AVAILABLE DATA. BEFORE COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY CROSSINGS, ELEVATIONS, AND LOCATIONS. ANY UTILITY DISCREPANCY SHALL BE REPORTED TO THE DESIGN ENGINEER.
- THE CONTRACTOR SHALL EXECUTE CAUTION WHEN EXCAVATING AROUND EXISTING UTILITIES.
- A CUSTOMER CUT OFF VALVE SHALL BE INSTALLED ON THE CUSTOMER SIDE OF ALL ACTIVE METERS (SERVICE RELAYS AND SERVICE RELOCATIONS) IN ACCORDANCE WITH SAWS STANDARD SPECIFICATION ITEM NO. 822. THIS WORK SHALL BE PAID FOR WITH THE PAY ITEM NO. 822, CUSTOMER'S YARD PIPING-SHORT YARD PIPING, PER EACH.

WATER MAIN REPLACEMENT PLAN - LINE G

LEGEND

- EXISTING EASEMENT
- - - EXISTING RIGHT-OF-WAY (R.O.W.)
- EXISTING PARCEL
- W- EXISTING WATER MAIN
- OHE- EXISTING OVERHEAD ELECTRIC
- UGE- EXISTING UNDERGROUND ELECTRIC
- UT- EXISTING UNDERGROUND TELEPHONE/COMMUNICATION
- EXISTING CHAIN LINK FENCE
- EXISTING WOODEN FENCE
- x-x- EXISTING WIRE FENCE
- o-o- EXISTING WROUGHT IRON FENCE
- ⊙ EXISTING WATER METER
- ⊕ EXISTING WATER VALVE
- ⊕ EXISTING FIRE HYDRANT
- ⊕ EXISTING IRRIGATION VALVE
- ⊕ EXISTING POWER POLE
- ⊕ EXISTING STREET LIGHT
- ⊕ EXISTING GUY ANCHOR
- ⊕ EXISTING TELEPHONE MANHOLE
- ⊕ EXISTING TELEPHONE PEDESTAL
- ⊕ EXISTING MAILBOX
- ⊕ EXISTING SIGN
- ⊕ EXISTING TREE
- ⊕ PROPOSED WATER VALVE
- ⊕ PROPOSED FIRE HYDRANT
- ⊕ PROPOSED WATER MAIN
- ⊕ PROPOSED UNMETERED SERVICE 3/4" SINGLE
- ⊕ 1" OR LARGER
- ⊕ PROPOSED SERVICE RECONNECT 3/4" SINGLE
- ⊕ 1" OR LARGER
- ⊕ PROPOSED SERVICE RELAY 3/4" SINGLE
- ⊕ 1" OR LARGER
- ⊕ PROPOSED SERVICE RELOCATE 3/4" SINGLE
- ⊕ 1" OR LARGER
- ⊕ PROPOSED NEW SERVICE 3/4" SINGLE
- ⊕ 1" OR LARGER
- ⊕ RELOCATE METER
- ⊕ DUAL BRANCH SERV.
- ⊕ UTILITY CROSSING
- ⊕ PAVEMENT RESTORATION

C2

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
COSA 205.2	HOT MIX ASPHALTIC PAVEMENT, TYPE B (12" COMP. DEPTH)	SY	9
COSA 503.5	GRAVEL DRIVEWAY	SY	47
COSA 513.1	REMOVING AND RELOCATING MAILBOXES	EA	1
COSA 520.1	HYDROMULCHING	SY	690
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	310
818	WATER PIPE INSTALLATION PVC (C-900, DR-18) 8"	LF	310
822	CUSTOMER'S YARD PIPING - SHORT YARD PIPING	EA	2
824	WATER SERVICE SUPPLY LINES SERVICE RELAYS (3/4" SHORT)	EA	1
824	WATER SERVICE SUPPLY LINES SERVICE RELAYS (3/4" LONG)	EA	1
828	GATE VALVES (8")	EA	1
833	NEW METER BOX INSTALLATION (3/4")	EA	2
833	EXISTING METER AND NEW METER BOX RELOCATION (3/4")	EA	2
844	TEMPORARY BLOW-OFF ASSEMBLY (2")	EA	1

REV. NO.	BY	DATE	REVISION DESCRIPTION
1	DC	15/16/2024	ADDENDUM 1
2	DC	3/04/2025	STACEY RD RE-ALIGNMENT

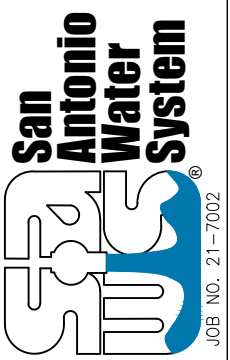


03/04/2025

**WESTON** WESTON SOLUTIONS, INC.  
70 NE LOOP 410, SUITE 600  
SAN ANTONIO, TEXAS 78216-5842  
REGISTERED ENGINEERING FIRM F-3123

PRIMROSE OAKS SOUTH WATER MAIN REPLACEMENT

**SOUTH PRIMROSE WATER LINE G PLAN**  
STA. 1+00 TO 4+00

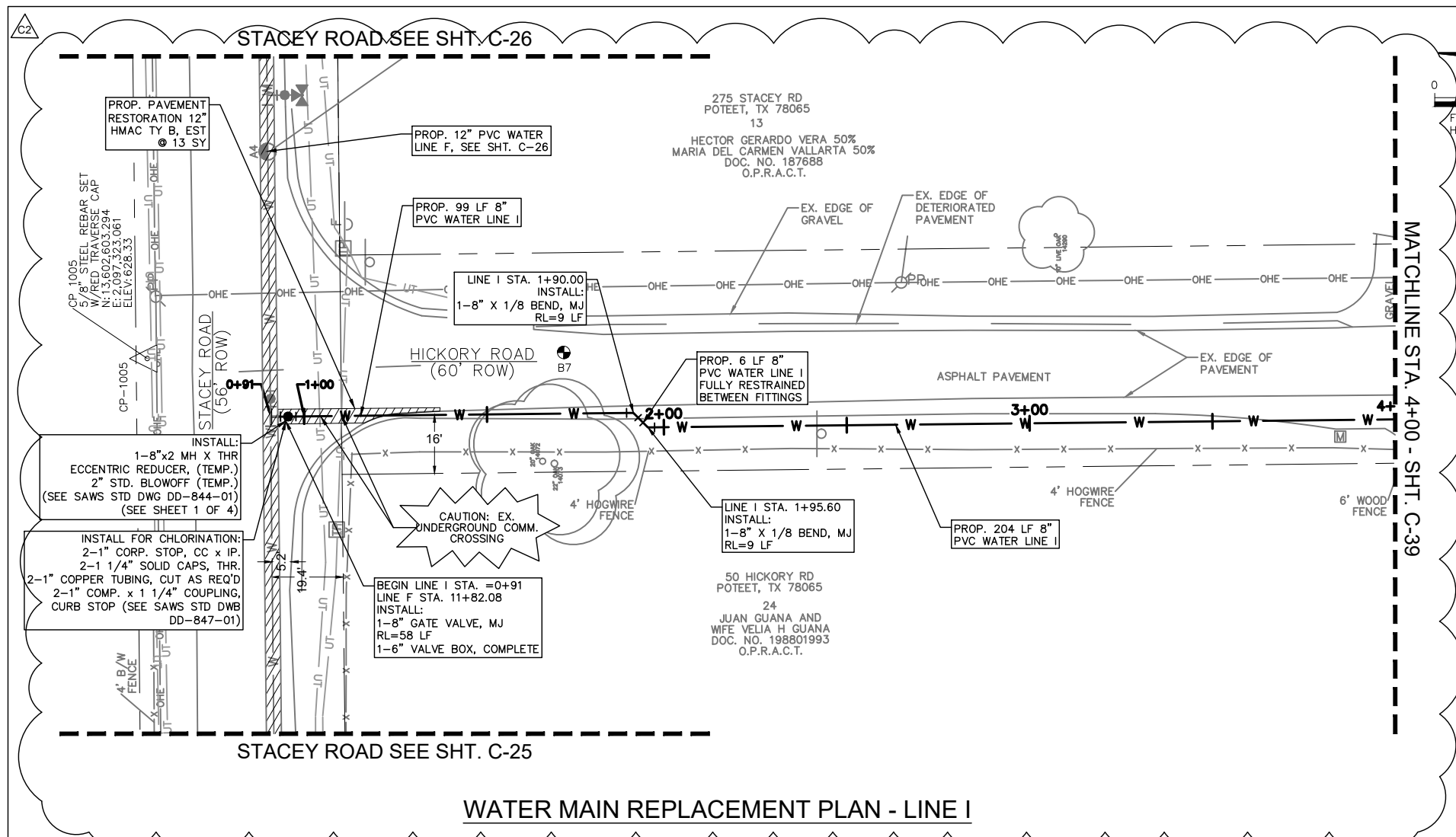


NOTES	INITIALS	DATE
DESIGNED BY	DC	05/23
REVIEWED BY	RK	05/23
SCALE:	AS SHOWN	

SHEET NO. **C-29**  
52 of 120

JOB NO. 21-7002

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**WATER MAIN REPLACEMENT PLAN - LINE I**

- NOTES:
1. THE EXISTING UTILITIES THAT ARE BEING SHOWN IN THE PLANS ARE TAKEN FROM BEST AVAILABLE DATA. BEFORE COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY CROSSINGS, ELEVATIONS, AND LOCATIONS. ANY UTILITY DISCREPANCY SHALL BE REPORTED TO THE DESIGN ENGINEER.
  2. THE CONTRACTOR SHALL EXECUTE CAUTION WHEN EXCAVATING AROUND EXISTING UTILITIES.
  3. A CUSTOMER CUT OFF VALVE SHALL BE INSTALLED ON THE CUSTOMER SIDE OF ALL ACTIVE METERS (SERVICE RELAYS AND SERVICE RELOCATIONS) IN ACCORDANCE WITH SAWS STANDARD SPECIFICATION ITEM NO. 822. THIS WORK SHALL BE PAID FOR WITH THE PAY ITEM NO. 822, CUSTOMER'S YARD PIPING—SHORT YARD PIPING, PER EACH.

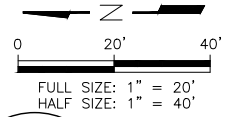
**LEGEND**

- EXISTING EASEMENT
- - - EXISTING RIGHT-OF-WAY (R.O.W.)
- EXISTING PARCEL
- W EXISTING WATER MAIN
- OHE EXISTING OVERHEAD ELECTRIC
- UGE EXISTING UNDERGROUND ELECTRIC
- UT EXISTING UNDERGROUND TELEPHONE/COMMUNICATION
- EXISTING CHAIN LINK FENCE
- EXISTING WOODEN FENCE
- x-x- EXISTING WIRE FENCE
- EXISTING WROUGHT IRON FENCE
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING IRRIGATION VALVE
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- EXISTING GUY ANCHOR
- EXISTING TELEPHONE MANHOLE
- EXISTING TELEPHONE PEDESTAL
- EXISTING MAILBOX
- EXISTING SIGN
- EXISTING TREE
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT
- W PROPOSED WATER MAIN
- PROPOSED UNMETERED SERVICE 3/4" SINGLE
- PROPOSED SERVICE RECONNECT 3/4" SINGLE
- PROPOSED SERVICE RELAY 3/4" 1" OR LARGER
- PROPOSED SERVICE RELOCATE 3/4" 1" OR LARGER
- PROPOSED NEW SERVICE 3/4" 1" OR LARGER
- ▽ RELOCATE METER
- ▽ DUAL BRANCH SERV.
- ☆ UTILITY CROSSING
- ▨ PAVEMENT RESTORATION

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
COSA 205.2	HOT MIX ASPHALTIC PAVEMENT, TYPE B (12" COMP. DEPTH)	SY	13
COSA 513.1	REMOVING AND RELOCATING MAILBOXES	EA	1
COSA 520.1	HYDROMULCHING	SY	667
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	309
818	WATER PIPE INSTALLATION PVC (C-900, DR-18) 8"	LF	309
828	GATE VALVES (8")	EA	1
836	GREY IRON AND DUCTILE IRON FITTINGS	TN	0.05
844	TEMPORARY BLOW-OFF ASSEMBLY (2")	EA	1

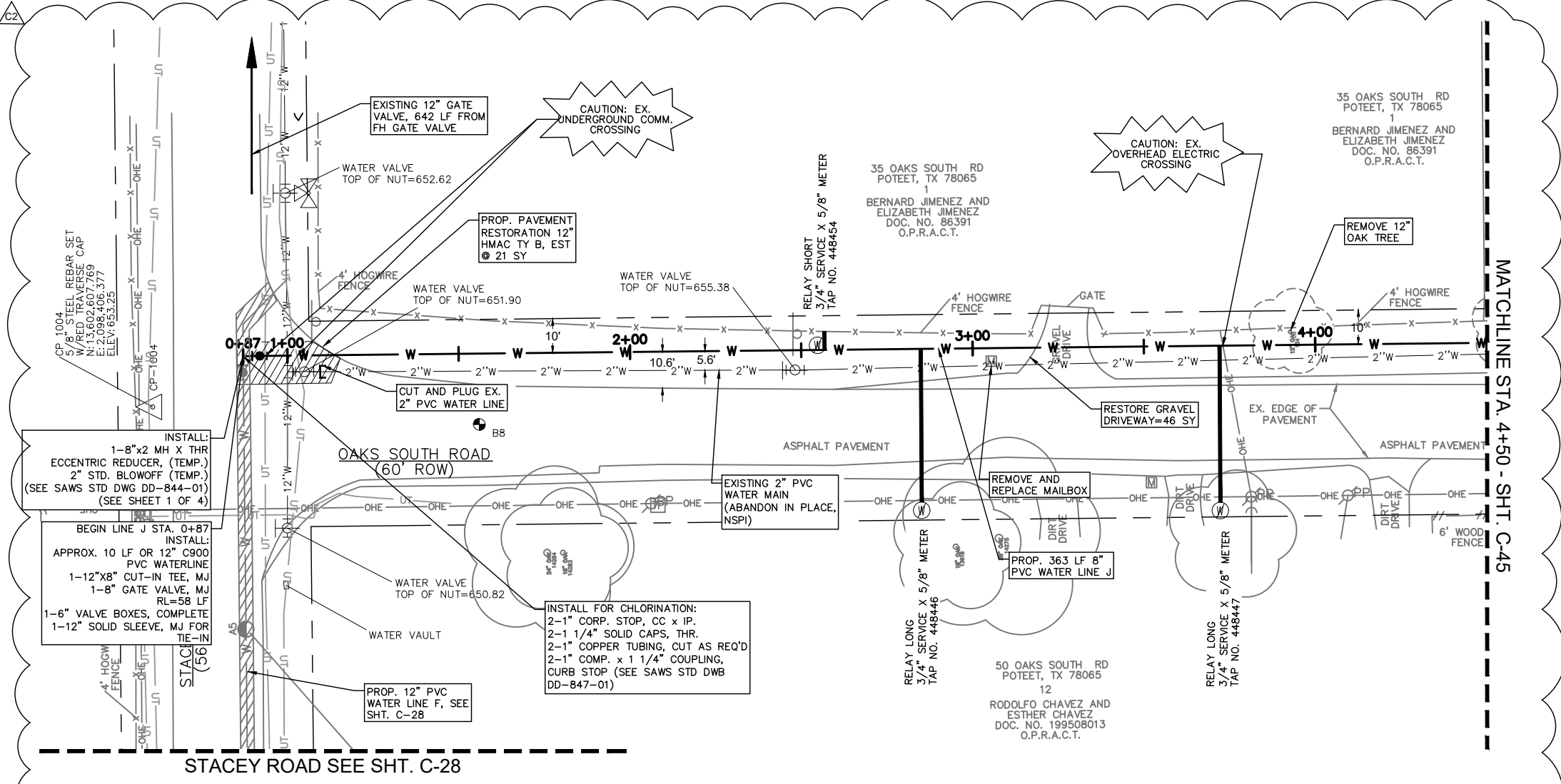
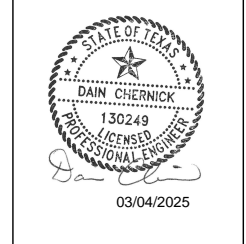
REV. NO.	BY	DATE	REVISION DESCRIPTION		
1	DC	15/16/2024	ADDENDUM 1		
2	DC	3/04/2025	STACEY RD RE-ALIGNMENT		
<b>WESTON SOLUTIONS, INC.</b> 70 NE LOOP 410, SUITE 600 SAN ANTONIO, TEXAS 78216-5842 TEXAS REGISTERED ENGINEERING FIRM F-3123					
<b>SOUTH PRIMROSE WATER LINE I PLAN</b> STA. 1+00 TO 4+00 PRIMROSE OAKS SOUTH WATER MAIN REPLACEMENT					
NOTES	INITIALS	DATE			
DESIGNED BY	DC	05/23			
REVIEWED BY	RK	05/23			
SCALE:	AS SHOWN				
SHEET NO.	<b>C-38</b> 61 of 120				

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- NOTES:
1. THE EXISTING UTILITIES THAT ARE BEING SHOWN IN THE PLANS ARE TAKEN FROM BEST AVAILABLE DATA. BEFORE COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY CROSSINGS, ELEVATIONS, AND LOCATIONS. ANY UTILITY DISCREPANCY SHALL BE REPORTED TO THE DESIGN ENGINEER.
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REV. NO.	BY	DATE	REVISION DESCRIPTION
1	DC	15/16/2024	ADDENDUM 1
2	D.C.	3/04/2025	STACEY RD RE-ALIGNMENT



**WATER MAIN REPLACEMENT PLAN - LINE J**

**LEGEND**

- EXISTING EASEMENT
- - - - EXISTING RIGHT-OF-WAY (R.O.W.)
- - - - EXISTING PARCEL
- - - - EXISTING WATER MAIN
- - - - EXISTING OVERHEAD ELECTRIC
- - - - EXISTING UNDERGROUND ELECTRIC
- - - - EXISTING UNDERGROUND TELEPHONE/COMMUNICATION
- - - - EXISTING CHAIN LINK FENCE
- - - - EXISTING WOODEN FENCE
- - - - EXISTING WIRE FENCE
- - - - EXISTING WROUGHT IRON FENCE
- - - - EXISTING WATER METER
- - - - EXISTING WATER VALVE
- - - - EXISTING FIRE HYDRANT
- - - - EXISTING IRRIGATION VALVE
- - - - EXISTING POWER POLE
- - - - EXISTING STREET LIGHT
- - - - EXISTING GUY ANCHOR
- - - - EXISTING TELEPHONE MANHOLE
- - - - EXISTING TELEPHONE PEDESTAL
- - - - EXISTING MAILBOX
- - - - EXISTING SIGN
- - - - EXISTING TREE
- - - - PROPOSED WATER VALVE
- - - - PROPOSED FIRE HYDRANT
- - - - PROPOSED WATER MAIN
- - - - PROPOSED UNMETERED SERVICE 3/4" SINGLE 1" OR LARGER
- - - - PROPOSED SERVICE RECONNECT 3/4" SINGLE 1" OR LARGER
- - - - PROPOSED SERVICE RELAY 3/4" 1" OR LARGER
- - - - PROPOSED SERVICE RELOCATE 3/4" 1" OR LARGER
- - - - PROPOSED NEW SERVICE 3/4" 1" OR LARGER
- - - - RELOCATE METER
- - - - DUAL BRANCH SERV.
- - - - UTILITY CROSSING
- - - - PAVEMENT RESTORATION

C2

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
COSA 205.2	HOT MIX ASPHALTIC PAVEMENT, TYPE B (12" COMP. DEPTH)	SY	21
COSA 503.5	GRAVEL DRIVEWAY	SY	46
COSA 513.1	REMOVING AND RELOCATING MAILBOXES	EA	1
COSA 520.1	HYDROMULCHING	SY	831
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	363
818	WATER PIPE INSTALLATION PVC (C-900, DR-18) 8"	LF	363
822	CUSTOMER'S YARD PIPING - SHORT YARD PIPING	EA	3
824	WATER SERVICE SUPPLY LINES SERVICE RELAYS (3/4" SHORT)	EA	1
824	WATER SERVICE SUPPLY LINES SERVICE RELAYS (3/4" LONG)	EA	2
828	GATE VALVES (8")	EA	1
831	12"x8" CUT-IN TEE	EA	1
833	NEW METER BOX INSTALLATION (3/4")	EA	3
833	EXISTING METER AND NEW METER BOX RELOCATION (3/4")	EA	3
836	GREY IRON AND DUCTILE IRON FITTINGS	TN	0.06
844	TEMPORARY BLOW-OFF ASSEMBLY (2")	EA	1

**WESTON** WESTON SOLUTIONS, INC.  
70 NE LOOP 410, SUITE 600  
SAN ANTONIO, TEXAS 78216-5842  
REGISTERED ENGINEERING FIRM F-3123

**WESTON** DAN CHERNICK  
130249  
LICENSED PROFESSIONAL ENGINEER  
03/04/2025

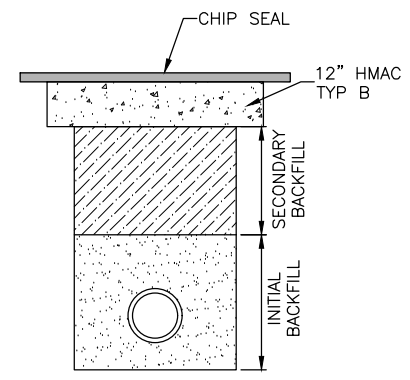
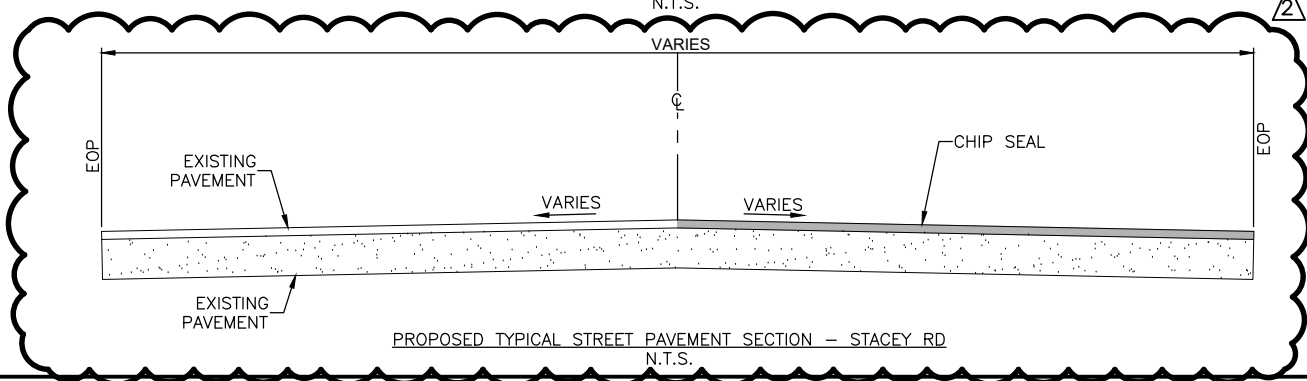
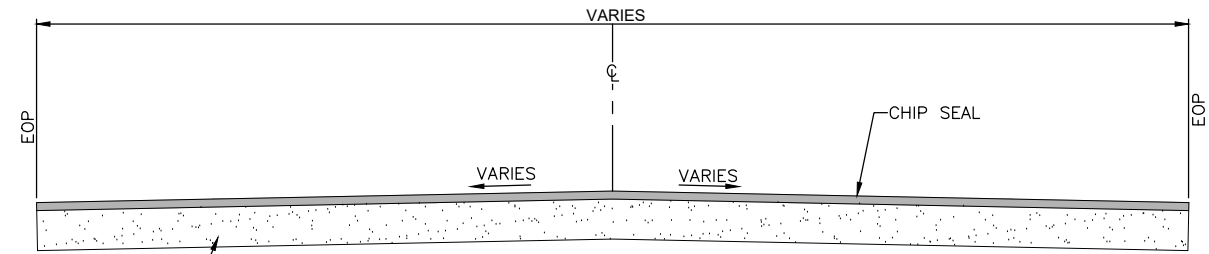
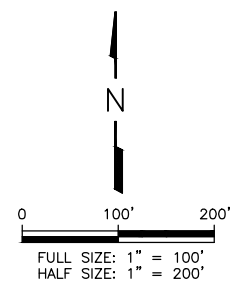
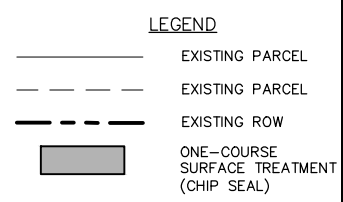
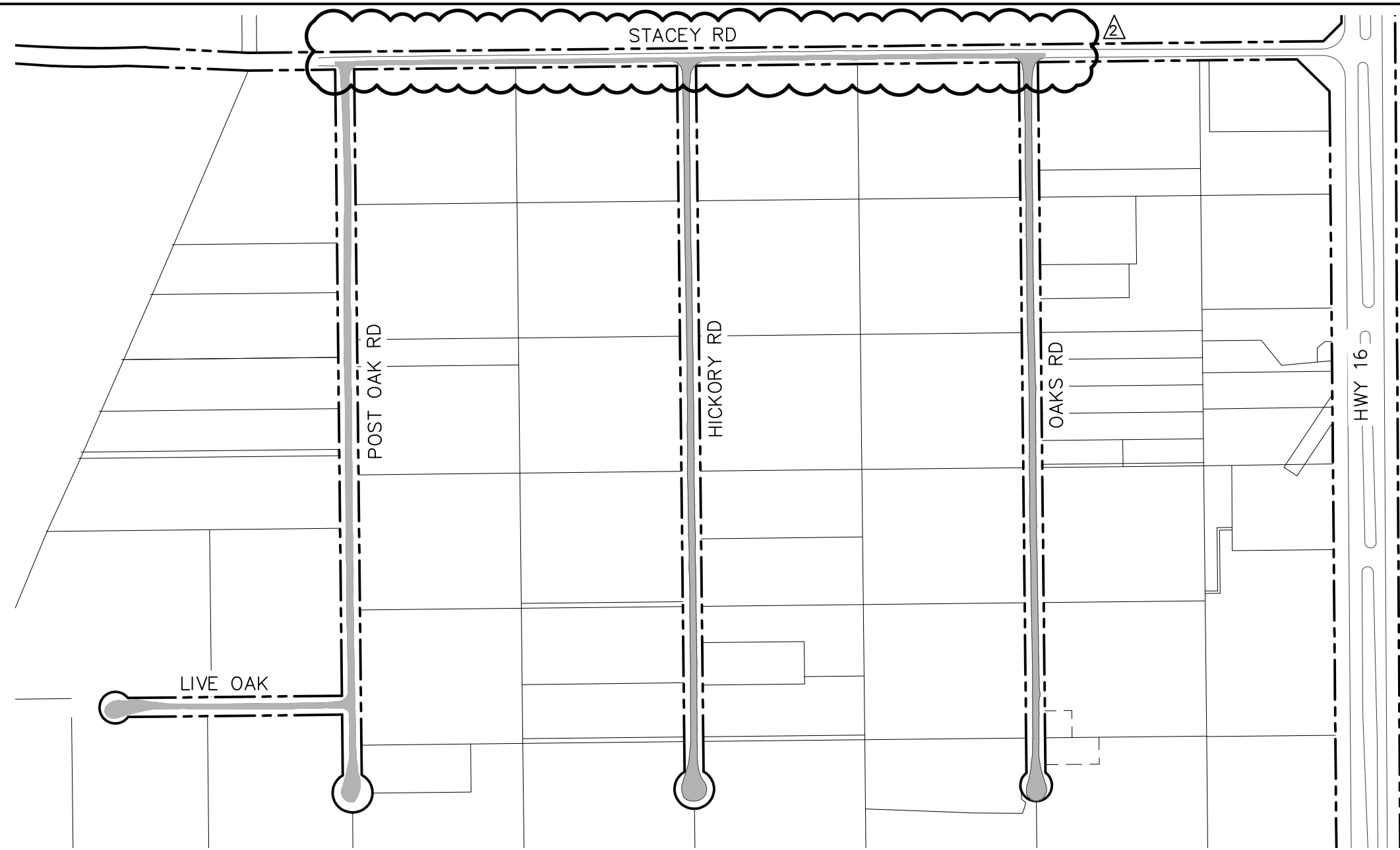
PRIMROSE OAKS SOUTH WATER MAIN REPLACEMENT

**SOUTH PRIMROSE WATER LINE J PLAN**  
STA. 1+00 TO 4+50



NOTES	INITIALS	DATE
DESIGNED BY	DC	05/23
REVIEWED BY	RK	05/23
SCALE:	AS SHOWN	
SHEET NO.	<b>C-44</b> 67 of 120	

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- NOTES:**
- ALL UTILITY WORK AND TRENCH EXCAVATION RESTORATION SHALL BE COMPLETED PRIOR TO CONSTRUCTING CHIP SEAL. REFER TO SAWS SPECIFICATION ITEM NO. 804 EXCAVATION, TRENCHING AND BACKFILL FOR LIMITS OF UTILITY TRENCH RESTORATION.
  - CHIP SEAL SHALL BE FURNISHED OF GRADE 5 TRAP ROCK AGGREGATE AT A RATE OF 16.5 LB/SY AND CHFRS-2P EMULSION AT A RATE OF 0.30 GAL/SY.
  - CONTRACTOR SHALL FIELD TEST TO DETERMINE OVERALL QUANTITY OF CHIP SEAL. CONTRACTOR SHALL REFER TO MODIFIED TXDOT ITEM 316 FOR ADDITIONAL INFORMATION.

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
MOD. TXDOT 316	(GRADE 5 TRAP ROCK) CHIP SEAL	SY	22389

REV. NO.	BY	DATE	REVISION DESCRIPTION
1		02/21/25	REVISED PAVEMENT RESTORATION LIMITS



**MENDEZ ENGINEERING**  
 Registration # F-14070  
 12950 Country Parkway STE 120, San Antonio, Texas 78216  
 Office: 210-802-0808 www.MendezEngineering.com

**PRIMROSE OAKS SOUTH WATER MAIN REPLACEMENT**  
**SOUTH PRIMROSE PROJECT AREA WEST**  
**PAVEMENT RESTORATION PLAN**

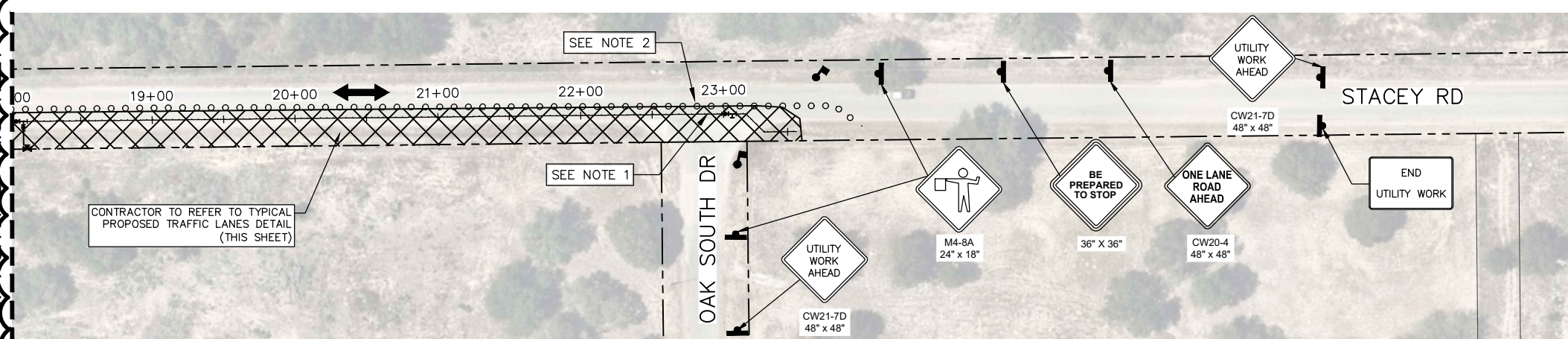
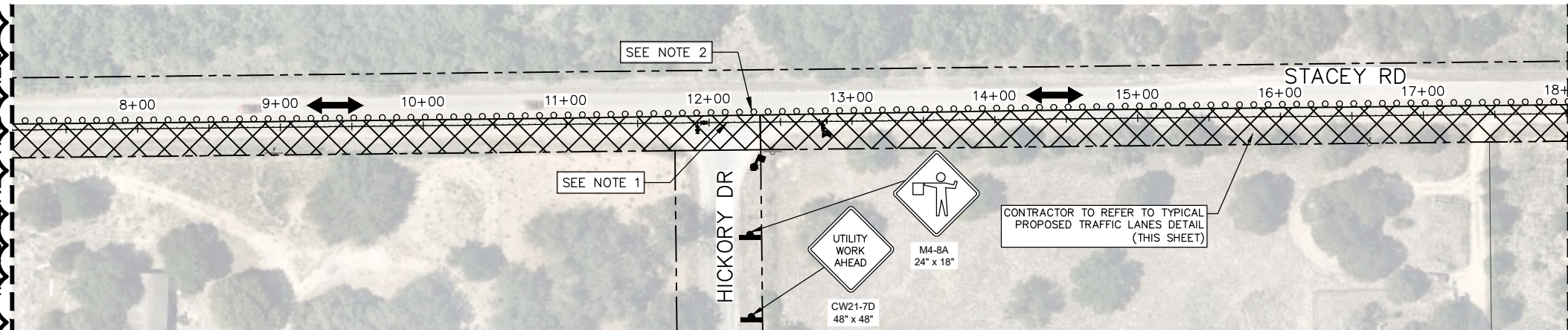
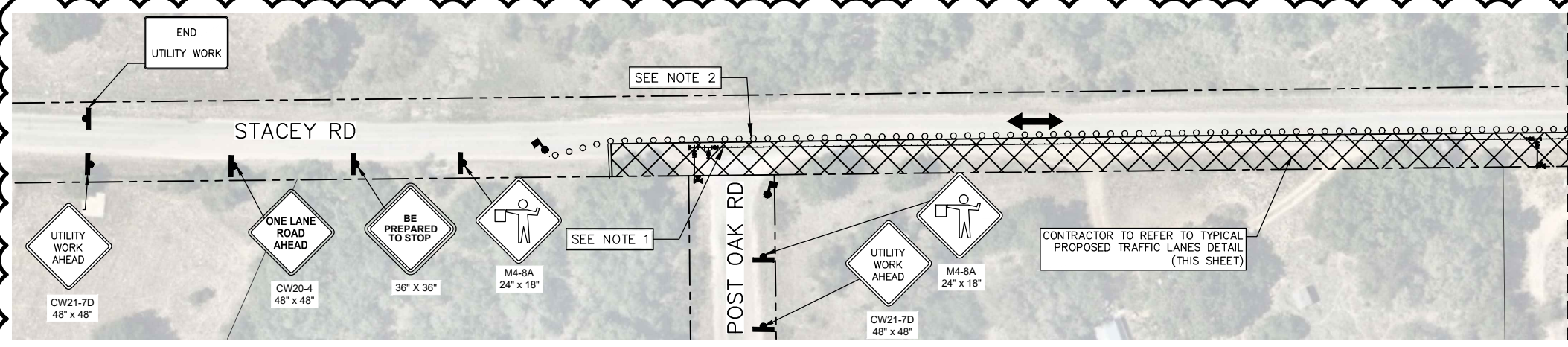
**San Antonio Water System**

**SAWS**

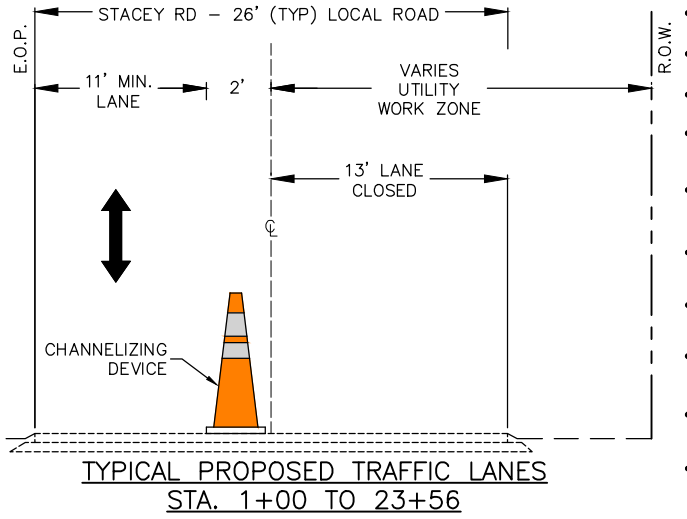
JOB NO. 21-7002

NOTES	INITIALS	DATE
DESIGNED BY	JASIII	2/21/25
REVIEWED BY	MC	2/21/25
SCALE:	AS SHOWN	
SHEET NO.	C-78	
	101 of 120	

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**STACEY RD - PROPOSED TRAFFIC CONTROL PLAN**



**LEGEND**

- EXISTING PARCEL
- ||| FLAGGER
- ⇄ TYPE III BARRICADE
- ⇄ TRAFFIC FLOW
- ○ ○ CHANNEL DEVICES
- ▣ PROPOSED WORK ZONE
- ⇄ ONE-LANE TWO-WAY TRAFFIC FLOW

0 100' 200'  
FULL SIZE: 1" = 50'  
HALF SIZE: 1" = 100'

**TRAFFIC CONTROL PLAN GENERAL NOTES**

1. THE CONTRACTOR SHALL PHASE THE INSTALLATION LIMITS OF THE WATER MAIN TO ONE HALF OF THE ROAD AT A TIME, AND LEAVE THE OTHER HALF OPEN TO THROUGH TRAFFIC DURING CONSTRUCTION.
2. CONTRACTOR SHALL PROVIDE SPACING BETWEEN CHANNELIZING DEVICES AT INTERSECTIONS TO ALLOW TRAFFIC THROUGH THE INTERSECTION.
3. CONTRACTOR SHALL COORDINATE POTEET INDEPENDENT SCHOOL DISTRICT FOR EXISTING SCHOOL BUS ROUTES.
4. CONTRACTOR SHALL NOTIFY ALL RESIDENTS WITHIN THE CONSTRUCTION AREA 5 DAYS PRIOR TO PLACING CONSTRUCTION SIGNS AND START OF EACH MAJOR CONSTRUCTION PHASE.
5. ALL EXCAVATIONS SHALL BE BACKFILLED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND PROJECT AREAS OPEN TO TRAFFIC ON NIGHTS, WEEKENDS, HOLIDAYS AND NON-WORKING DAYS.
6. ALL SIGNS TO BE MOUNTED ON SIGN SUPPORTS UNDO AND LOCATED TO PROVIDE ADEQUATE SIGHT DISTANCE.
7. STREETS SHALL BE CLOSED TO THRU TRAFFIC IN ACCORDANCE WITH TRAFFIC CONTROL PLAN DURING PAVEMENT REHAB, PAVEMENT REPAIR AND UTILITY CONSTRUCTION PHASES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL THROUGHOUT THE CONSTRUCTION PHASE.
9. AT A MINIMUM THE CONTRACTOR SHALL ERECT TEMPORARY "UTILITY/STREET WORK AHEAD" AND "STREET CLOSED TO THRU TRAFFIC" SIGNS AND PROVIDE FLAG MEN AT ALL APPROACHES TO WORK WITHIN THE STREET RIGHT-OF-WAY.
10. ALL STREETS SHALL BE LEFT IN A CONDITION PASSABLE TO TRAFFIC WITH NO VERTICAL DROP-OFFS, OPEN EXCAVATION AND ROUGH BASE OR PAVEMENT AFTER WORK HOURS.
11. ALL TRAFFIC SIGNS TO BE KEPT IN PROPER POSITION, CLEAN AND LEGIBLE AT ALL TIMES. DAMAGED DEVICES TO BE REPLACED IMMEDIATELY.
12. ROUTINE INSPECTION AND MAINTENANCE PLAN TO BE IMPLEMENTED BY CONTRACTOR.
13. CONTRACTOR TO KEEP ONE HALF OF THE ROAD OPEN AT ALL TIMES DURING CONSTRUCTION FOR RESIDENTIAL ACCESS.
14. CONTRACTOR TO SHIFT TRAFFIC CONTROL CHANNELING DEVICES, SIGNAGE & FLAGGERS AS NEEDED BASED ON DAILY CONSTRUCTION ACTIVITIES.
15. ACCESS TO PROPERTIES AND BUSINESSES ADJACENT TO THE RIGHT-OF-WAY MUST BE PROVIDED AND MAINTAINED AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL CONTACT BUSINESSES OR PROPERTY OWNERS AT LEAST 5 DAYS PRIOR TO ANY DRIVEWAY CLOSURE. IF THE PROPERTY HAS MORE THAN ONE DRIVEWAY, THEY SHALL BE CLOSED ONLY ONE AT A TIME. IF THE PROPERTY ONLY HAS ONE ACCESS, THE DRIVEWAY SHALL BE BUILT IN HALF SECTIONS.
16. CONTRACTOR TO REFER TO THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) FOR CHANNELING DEVICES SPACING, SHOULDER/ROAD TAPERING LENGTHS, SIGNAGE SPACING AND/OR ANY OTHER TRAFFIC CONTROL MEASURES.
17. CONTRACTOR SHALL REMOVE TRAFFIC CONTROL CHANNEL DEVICES FROM THE ROADWAY AT THE END OF EACH WORKDAY TO AVOID IMPEDING TRAFFIC FLOW DURING NON-WORKING HOURS.

**STACEY RD**  
SPEED LIMIT = 35 MPH

REVISION DESCRIPTION	DATE	BY
REVISED TRAFFIC CONTROL PLAN	02/21/25	A

3/04/25

**MENDEZ ENGINEERING**  
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**San Antonio Water System**  
JOB NO. 21-7002

**TRAFFIC CONTROL PLAN**  
STACEY RD

NOTES	INITIALS	DATE
DESIGNED BY	JASIII	3/04/25
REVIEWED BY	MC	3/04/25

SCALE: AS SHOWN

SHEET NO. TCP-10  
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