



Anthony Uresti,
Director of Planning

HIDALGO COUNTY PLANNING DEPARTMENT

2818 S. BUSINESS HWY 281
EDINBURG TEXAS 78539
Tel. 956-318-2840

HIDALGO COUNTY COMMISSIONERS COURT MEETING

DATE: 9-29-2026

PROPOSED MEADOW VIEW ON TRENTON SUBDIVISION, PRECINCT No. 1

ENGINEER RIO DELTA ENGINEERING DEVELOPER: O.G. CONSTRUCTION & DEVELOPMENT LLC

☐ PRELIMINARY APPROVAL ☒ FINAL APPROVAL ☐ FINAL APPROVAL WITH FINANCIAL GUARANTEE ☐ WITH VARIANCE

NUMBER OF LOTS: 84 ☒ *SINGLE FAMILY ☐ *MULTI-FAMILY ☐ COMMERCIAL ☐ INSTITUTIONAL

NUMBER OF STREETLIGHTS: 10

FILLING STATIONS: 4

LOCATION DESCRIPTION: SOUTH OF TRENTON ROAD APPROXIMATELY ½ OF MILE EAST FORM TOWER ROAD.

SUBDIVISION LIES WITHIN THE: ☒ RURAL AREA OF THE COUNTY.

DRAINAGE REPORT WAS APPROVED BY HCDD#1: ON 10-09-2025 PROPERTY LIES WITHIN FLOOD ZONE: "C" AS PER FEMA.

DRAINAGE DESIGN: DRAINAGE WILL BE PROVIDED BY STORM SEWER SYSTEM AND DETENTION WILL BE PROVIDED BY WIDENING AN EXISTING DRAIN DITCH.

SEWER SYSTEM: ☒ SANITARY SEWER BY: NAWSC

WATER SERVICE PROVIDER: NAWSC. LINE SIZE: 8" LOCATION: TRENTON ROAD

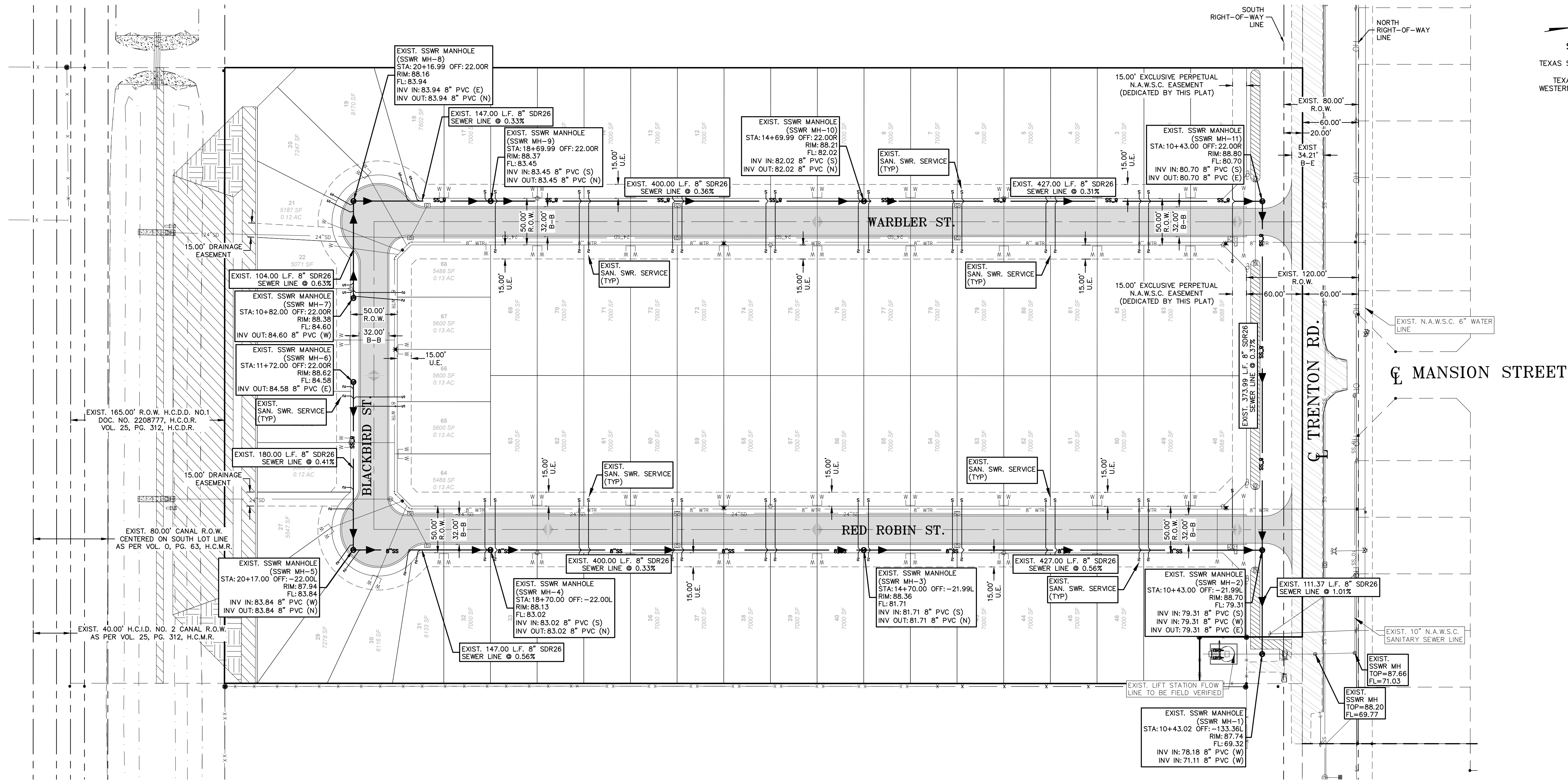
STAFF RECOMMENDS: ☐ Preliminary Approval subject to comments and future recommendations by planning, Other departments. and the approval of the City of EDINBURG

☒ Final Approval subject to recommendations other departments.

This subdivision plat has been reviewed and complies with the Hidalgo County Subdivision Rules, Texas Water Development Board Model Subdivision Rules and The Texas Local Government Code.

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C:\Users\Aldarcon\OneDrive\Delta\DATA RDE SUBDIVISIONS\2025\SUB 25.014 - OG - TRENTON AND TOWER.DWG\SUB 25 014_RDE SHT 4 SANITARY SEWER LAYOUT.dwg O ALARCON 6/31/2026 2:02 PM



SCALE: 1" = 60'
BASIS OF BEARING
TEXAS STATE PLANE COORDINATES
NAD 83
TEXAS SOUTH ZONE (4205)
WESTERN DATA SYSTEMS NETWORK

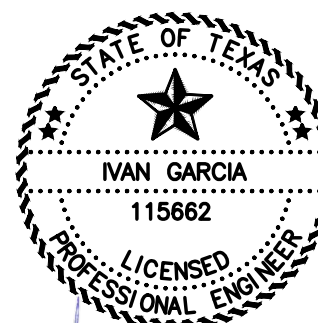
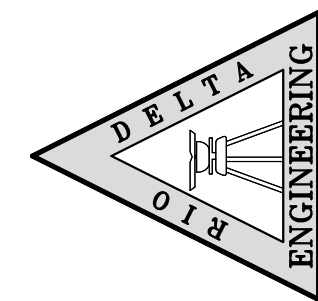
NOTES:
1.) ALL SANITARY SEWER IMPROVEMENTS AS PER
NORTH ALAMO WATER SUPPLY CORPORATION
STANDARDS.

LEGEND

	EXIST. GRATE INLET		EXIST. FLUSH VALVE		EXIST. FENCE LINE		CALCULATED POINT
	EXIST. CURB INLET		EXIST. IRRIGATION VALVE		EXIST. OVERHEAD ELECTRIC LINE		COTTON PICKER SPINDLE SET
	EXIST. TELEPHONE PEDESTAL		EXIST. FIREHYDRANT		EXIST. UNDERGROUND CABLE		ELECTRICAL BOX
	EXIST. GRATE INLET		EXIST. MAIL BOX		EXIST. UNDERGROUND GAS LINE		
	EXIST. LAMP POLE		EXIST. BRICK MAIL BOX		1/2" IRON ROD SET		
	EXIST. TRAFFIC POLE		EXIST. WATER METER		1/2" IRON ROD FOUND		
	EXIST. GUY WIRE		EXIST. STREET SIGN		FENCE CORNER FOUND		
	EXIST. POWER POLE		EXIST. SANITARY SEWER MANHOLE		1/2-INCH IRON PIPE FOUND		
	EXIST. WATER VALVE		EXIST. STORM SEWER MANHOLE		RIGHT-OF-WAY POST FOUND		

RIO DELTA ENGINEERING

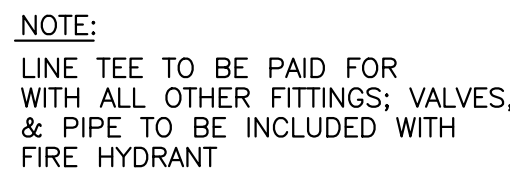
FIRM REGISTRATION NO. F-7628
SURVEY FIRM NO. 10194027
921 S. 10TH AVENUE EDINBURG, TEXAS 78539
(TEL) 956-380-5152 (FAX) 956-380-5083



ISSUED FOR:
AS-BUILT

SANITARY SEWER LAYOUT
MEADOW VIEW ON TRENTON SUBDIVISION
HIDALGO COUNTY, TEXAS

PROJECT :
ENGINEER: IVAN GARCIA P.E. R.P.L.S.
SURVEYOR: IVAN GARCIA P.E. R.P.L.S.
CHECKED: IVAN GARCIA P.E. R.P.L.S.
DRAWN: J.E./G.F.
SCALE: 1"=60'
DATE: AUGUST 31, 2026
PROJECT: SUB 25 014
REVISIONS:
PAGE NO. SHT 3



NOT TO SCALE



	EXIST. GRATE INLET
	EXIST. CURB INLET
	EXIST. TELEPHONE PEDESTAL
	EXIST. GRATE INLET
	EXIST. MANHOLE
	EXIST. LAMP POLE
	EXIST. TRAFFIC POLE
	EXIST. FLUSH VALVE
	EXIST. GUY WIRE
	EXIST. POWER POLE
	EXIST. WATER VALVE
	EXIST. FLUSH VALVE
	EXIST. IRRIGATION VALVE
	EXIST. FIREHYDRANT
	EXIST. MAIL BOX
	EXIST. BRICK MAIL BOX
	EXIST. WATER METER
	EXIST. STREET SIGN
	EXIST. SANITARY SEWER MANHOLE
	EXIST. STORM SEWER MANHOLE
	EXIST. FENCE LINE
	EXIST. OVERHEAD ELECTRICAL LINE
	EXIST. UNDERGROUND CABLE
	1/2" IRON ROD SET
	1/2" IRON ROD FOUND
	FENCE CORNER FOUND
	1/2-INCH IRON PIPE FOUND
	RIGHT-OF-WAY POST FOUND
	CALCULATED POINT
	COTTON PICKER SPINDLE SET
	ELECTRICAL BOX

ABBREVIATION		LEGEND	
F.B.S.L.	FRONT BUILDING SETBACK LINE		
R.B.S.L.	REAR BUILDING SETBACK LINE		
S.B.S.L.	SIDE BUILDING SETBACK LINE		
R.O.W.	RIGHT-OF-WAY		
P.O.B.	POINT OF BEGINNING		
P.O.C.	POINT OF COMMENCING		
S.W.C.	SOUTHWEST CORNER		
F.T.	FARM TRACT		
F.M.	FARM-TO-MARKET		
C.P.&L.	CENTRAL POWER & LIGHT CO.		
H.C.	HEED RECORDS OF HIDALGO COUNTY		
U.E.	UTILITY EASEMENT		
H.W.S.C.	MILITARY HWY WATER SUPPLY CORP.		
D.E.	DRAINAGE EASEMENT		
O.S.S.F.	ON-SITE SEWAGE FACILITY		
	CENTER LINE		
	LOT LINE		
H.C.D.D.	HIDALGO COUNTY DRAINAGE DIST. #1		

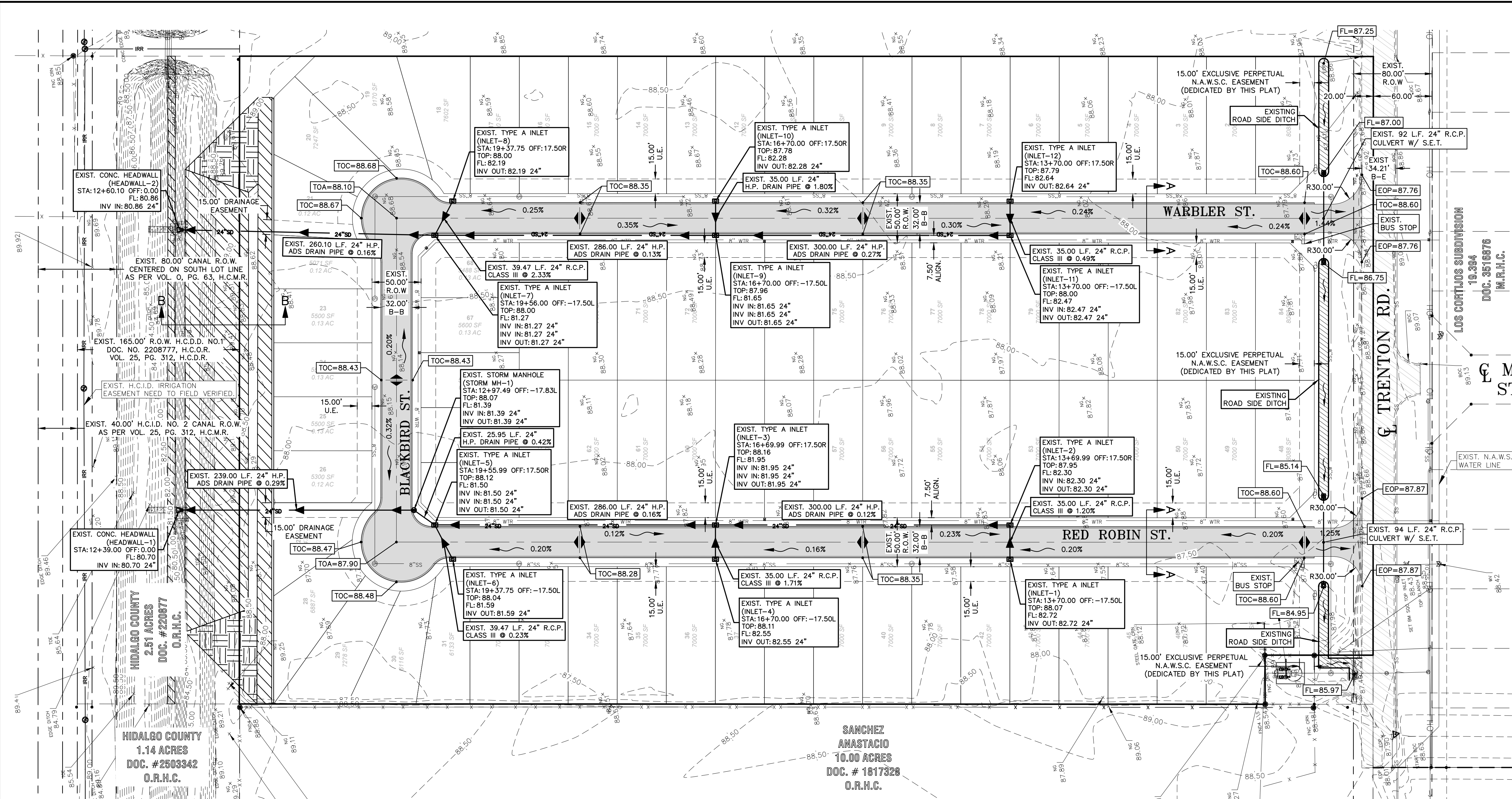
GENERAL NOTES:

- 1.) ALL WATER LINES CONSTRUCTION AS PER N.A.W.S.C. STD'S
- 2.) ALL WATER LINES UNDERNEATH STREETS ARE TO HAVE A MIN. 3' OF COVER
- 3.) HYDRANTS SHALL BE FURNISHED AS PER COE DETAILS (30" FROM BOC AND 6" ABOVE TOC).

- A. WATER MAIN. (SEE PLANS AND SPECIFICATION)
- B. TAPPING SLEEVE (SIZE AS REQUIRED).
- C. CONCRETE SUPPORT UNDER TAPPING SLEEVE AND BEHIND.
- D. THRUST BLOCK AS PER SPECIFICATIONS.
- E. FLANGED AND HUB ENDS "O" RING SEALS WITH "R" SQUARE WRENCH NUT GATE VALVE ANCHOR RODS.
- F. PVC PIPE.
- G. SIMPLEX COUPLING.

1. ALL CONCRETE TO HAVE A MINIMUM OF 28 DAYS COMPRESSIVE STRENGTH OF 3,000 P.S.I.
2. TAPPING SLEEVE MUST BE ALL STAINLESS STEEL WITH STAINLESS BOLTS
3. VALVE SHALL BE MUELLER BRAND.

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SCALE: 1" = 60'
BASIS OF BEARING
TEXAS STATE PLANE COORDINATES
NAD 83
TEXAS SOUTH ZONE (4205)
WESTERN DATA SYSTEMS NETWORK

LEGEND

EXIST. GRATE INLET

EXIST. CURB INLET

EXIST. TELEPHONE PEDESTAL

EXIST. GRATE INLET

EXIST. LAMP POLE

EXIST. TRAFFIC POLE

EXIST. GUY WIRE

EXIST. POWER POLE

EXIST. WATER VALVE

EXIST. FLUSH VALVE

EXIST. IRRIGATION VALVE

EXIST. FIREHYDRANT

EXIST. MAIL BOX

EXIST. BRICK MAIL BOX

EXIST. WATER METER

EXIST. STREET SIGN

EXIST. SANITARY SEWER MANHOLE

EXIST. STORM SEWER MANHOLE

EXIST. FENCE LINE

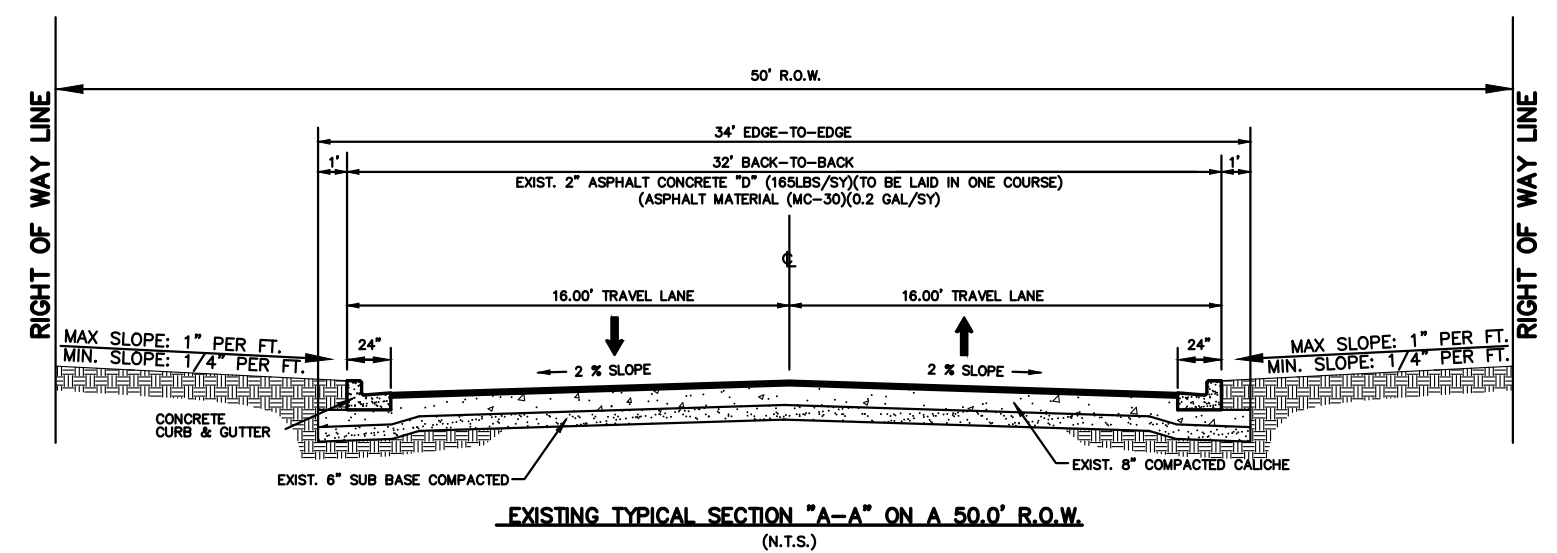
EXIST. OVERHEAD ELECTRIC LINE

EXIST. UNDERGROUND CABLE

EXIST. UNDERGROUND GAS LINE

EXIST. DITCH EXPANSION
SCALE: 1" = 10'

DRAINAGE VOLUME LEGEND
VOLUME FOR DETENTION REQUIRED = 87,654 CF (3,246.45 CY) (AS PER DRAINAGE REPORT CALCULATIONS)
VOLUME PROVIDED IN CROSS-SECTION B-B = 148.15 SF X 592.00 FT = 87,704.80 CF (100.06% OF REQUIRED)



RIO DELTA ENGINEERING

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STATE OF TEXAS
Ivan Garcia
115662
LICENSED PROFESSIONAL ENGINEER

9/2/2026

ISSUED FOR:
AS-BUILT

PAVING & DRAINAGE LAYOUT
MEADOW VIEW ON TRENTON SUBDIVISION
HIDALGO COUNTY, TEXAS

PROJECT:
ENGINEER:
SURVEYOR:
CHECKED:
DRAWN:
SCALE:
DATE:
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J.E./G.F.

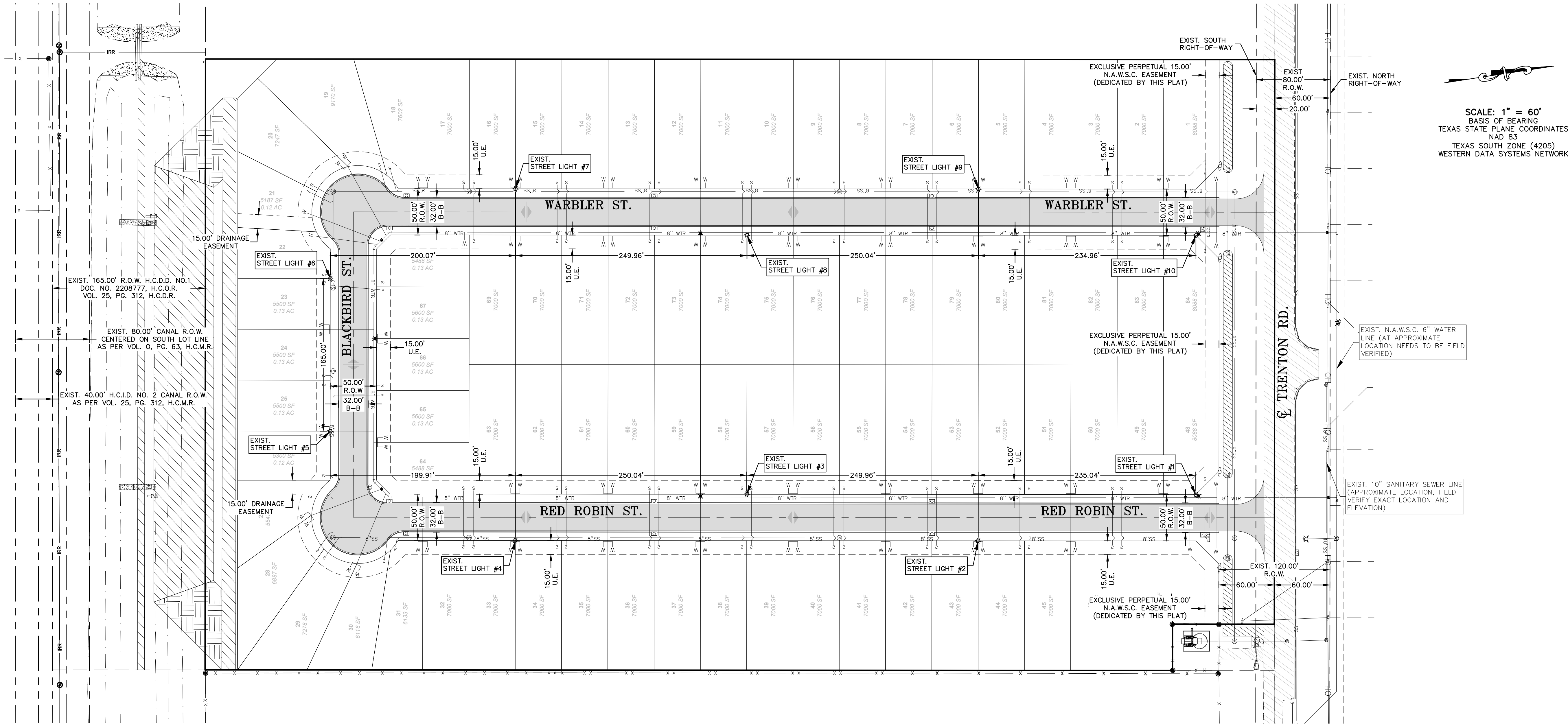
1"=60'

AUGUST 31, 2026

SUB 25 014

SHT 9

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BASIS OF BEARING
TEXAS STATE PLANE COORDINATES
NAD 83
TEXAS SOUTH ZONE (4205)
WESTERN DATA SYSTEMS NETWORK

EXIST. N.A.W.S.C. 6" WATER
LINE (AT APPROXIMATE
LOCATION NEEDS TO BE FIELD
VERIFIED)

EXIST. 10" SANITARY SEWER LINE
(APPROXIMATE LOCATION, FIELD
VERIFY EXACT LOCATION AND
ELEVATION)

EXIST. 120.00'
R.O.W.
60.00'

LEGEND

	EXIST. GRATE INLET		EXIST. FLUSH VALVE		EXIST. FENCE LINE		CALCULATED POINT
	EXIST. CURB INLET		EXIST. IRRIGATION VALVE		EXIST. OVERHEAD ELECTRIC LINE		COTTON PICKER SPINDLE SET
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	EXIST. WATER VALVE		EXIST. STORM SEWER MANHOLE		RIGHT-OF-WAY POST FOUND		

LIGHTING LAYOUT MEADOW VIEW ON TRENTON SUBDIVISION HIDALGO COUNTY, TEXAS

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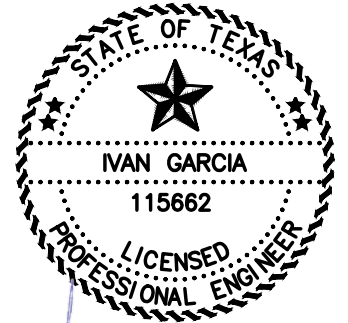
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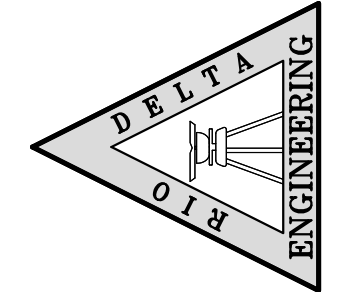
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ISSUED FOR:
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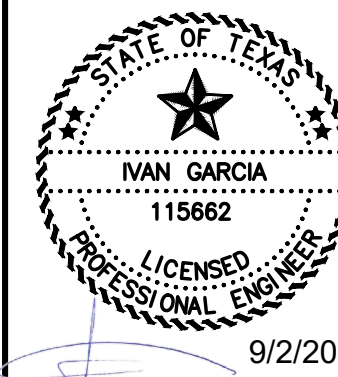


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CL MANSION
STREET

	EXIST. GRATE INLET		EXIST. FLUSH VALVE		EXIST. FENCE LINE		CALCULATED POINT
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	EXIST. WATER VALVE		EXIST. STORM SEWER MANHOLE		RIGHT-OF-WAY POST FOUND		



ISSUED FOR:
AS-BUILT

SIGNAGE LAYOUT
MEADOW VIEW ON TRENTON SUBDIVISION
HIDALGO COUNTY, TEXAS

ENGINEER:	IVAN GARCIA P.E. R.P.L.S.
SURVEYOR:	IVAN GARCIA P.E. R.P.L.S.
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PAGE NO.	SHT 15