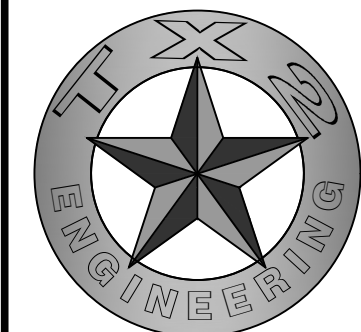


SUBDIVISION INFRASTRUCTURE PLANS

WESTRIDGE SINGLE FAMILY

A SINGLE FAMILY DEVELOPMENT IN COMAL COUNTY TEXAS
1.00 ACRE LOT SIZE TO BE SERVICED BY
WATER: CRYSTAL CLEAR SPECIAL UTILITY DISTRICT
SEWER: ON SITE SEWER FACILITIES (SEPTIC)
ELECTRIAL: NEW BRAUNFELS UTILITIES

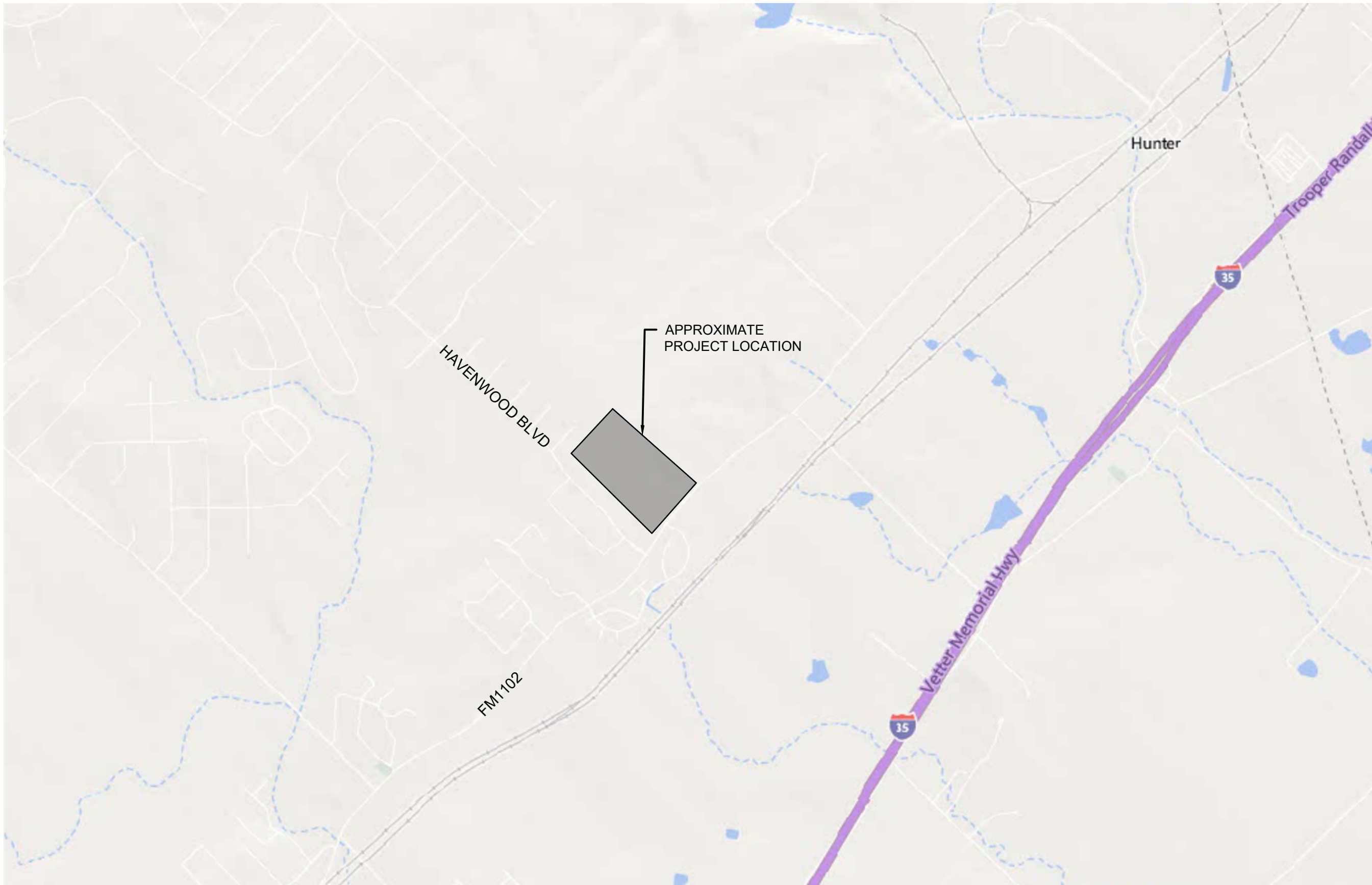


TX2 ENGINEERING
FIRM #: 20787
CONTACT:
645 FLORAL AVE, STE C
NEW BRAUNFELS, TX 78130
TEL: (830) 327-1235

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COVER SHEET
WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132
YR: 2025

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C3.0	PROPOSED SITE PLAN
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VICINITY MAP

1" = 2000'

NOTES

- ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER OF RECORD. IN ACCEPTING THESE PLANS, COMAL COUNTY MUST RELY UPON THE ADEQUACY OF THE WORK OF THE ENGINEER OF RECORD.
- IF CONSTRUCTION HAS NOT COMMENCED WITHIN ONE-YEAR OF COUNTY APPROVAL FOR CONSTRUCTION INSPECTION, THAT APPROVAL IS NO LONGER VALID
- THIS SITE IS LOCATED IN THE TRANSITION ZONE OF THE EDWARDS AQUIFER JURISDICTIONAL BOUNDARY.
- THE SITE IS LOCATED IN FEMA FIRM PANEL 48091C0295F WITH AN EFFECTIVE DATE OF 09/02/2009. THE SITE IS LOCATED IN ZONE X.

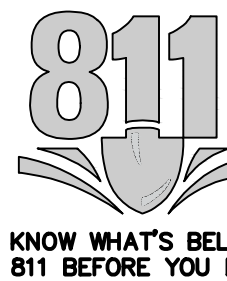
PROPERTY DESCRIPTION

COMAL COUNTY PARCEL ID: 76986
A-306 SUR- 3 N KENNER, ACRES 68.9

DEVELOPMENT TEAM CONTACT INFORMATION		
OWNER/DEVELOPER		
XXXXX	XXXXX XXXXX, TX 7XXXX (XXX) XXX-XXXX XXXXX@XXX.COM	
CIVIL ENGINEER		
TREVOR TAST, P.E. TX2 ENGINEERING	645 FLORAL AVE, STE. C NEW BRAUNFELS, TX 78130 (816) 510-9151 TREVOR@TX2ENGINEERING.COM	
SURVEYOR		
ROBERT HARPER SUMMIT GEOMATICS, INC.	4603 N. STAHL PARK SUITE 103 SAN ANTONIO, TX 78217 (210) 971-4870 RHARPER@SUMMIT-GEOMATICS.COM	

REVISIONS		BY
REV.	DATE	DESCRIPTION

DRAWN BY: TNT
QA/QC BY: TNT
PROJECT NO.: ###-###
PERMIT #:



C0.0

SHEET

GENERAL NOTES 1

WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132

YR: 2025

[illegible]

CONTACT:

CONTACT:

645 FLORAL AVE. STE C

645 FLORAL AVE, STE C
NEW BRAUNFELS, TX 78130

TEL: (830) 327-1235

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YR: 2025

PROPOSED PLAT 1

WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132

[illegible]

DRAWN BY:	TM
QA/QC BY:	TM
PROJECT NO.:	###-###
PERMIT #:	

C3.2

SHEE

N

EAST RIVER BLVD.

SAN ANTONIO

CITY LIMITS LINE

DRAWN BY: JEFFREY A. HARPER

TYPICAL PUBLIC UTILITY EASEMENTS

NOT TO SCALE

LOCATION MAP

NOT TO SCALE

OWNER:
SCOTT FELDER HOMES, LLC
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX 78730

ENGINEER:
TX2 ENGINEERING
645 FLORAL AVE.
NEW BRAUNFELS, TX 78130

SURVEYOR:
SUMMIT GEOMATICS, INC.
4603 N STAHL PARK, SUITE 103
SAN ANTONIO, TEXAS 78217

AN EASEMENT IS GRANTED TO PUBLIC UTILITIES, BEING 20 FEET ALONG THE ROW FRONTAGE OF EACH LOT AND VESTED ALONG THE SIDE AND BACK LOT LINES SUBJECT TO SPECIFIC EASEMENTS DESIGNATED ON THIS PLAT

NOT TO SCALE

UTILITY EASEMENTS

NOT TO SCALE

1. BEARING ORIENTATION IS BASED UPON THE TEXAS COORDINATE SYSTEM, SOUTH CENTRAL ZONE 4204, NORTH AMERICAN DATUM OF 1983 (NAD 83), 2011 ADJUSTMENT, EPOCH 2010.0. MEASUREMENTS ARE IN U.S. SURVEY FEET.

2. MEASUREMENTS ARE IN U.S. SURVEY FEET. DISTANCES SHOWN HEREIN ARE IN SURFACE AND MAY BE CONVERTED TO GRID BY USING THE COMBINED SCALE FACTOR OF 0.99987.

3. MONUMENTS WERE FOUND OR SET AT EACH CORNER OF THE SURVEY BOUNDARY OF THE SUBDIVISION. MONUMENTS AND LOT MARKERS WILL BE SET WITH 5/8\" IRON RODS WITH CAP STAMPED "SUMMIT GEOMATICS, INC." AFTER COMPLETION OF UTILITY INSTALLATION UNLESS NOTED OTHERWISE.

4. EXISTING CONTOUR LINES SHOWN HEREON WERE PROVIDED BY CLIENT AND FOR GRAPHICAL PURPOSES ONLY. SURVEYOR DOES NOT CERTIFY TO THE ELEVATIONS SHOWN HEREON.

NOTES:

1. PUBLIC UTILITY PLAT NOTES

IT IS HEREBY UNDERSTOOD AND AGREED THAT NON-EXCLUSIVE, PERPETUAL EASEMENTS ARE RESERVED FOR THE INSTALLATION AND MAINTENANCE OF PUBLIC UTILITIES AND ALL NECESSARY APPURTENANCES, WHETHER THESE IMPROVEMENTS ARE INSTALLED UNDERGROUND, OVERHEAD AND/OR ON THE SURFACE OF THE GROUND WITHIN THE PUBLIC UTILITY EASEMENTS DEDICATED ON THIS PLAT, NOTHING SHALL BE PLACED OR PERMITTED TO REMAIN IN A PUBLIC UTILITY EASEMENT AREA WHICH MAY DAMAGE OR INTERFERE WITH THE INSTALLATION AND MAINTENANCE OF SAID PUBLIC UTILITIES. THE PUBLIC UTILITY EASEMENT AREA OF EACH LOT AND ALL IMPROVEMENTS WITHIN IT SHALL BE MAINTAINED BY THE OWNER OF THE LOT, EXCEPT FOR THOSE FACILITIES FOR WHICH AN AUTHORITY OR PUBLIC UTILITY PURVEYOR IS RESPONSIBLE. PUBLIC UTILITY PURVEYORS AND THEIR EMPLOYEES SHALL HAVE ALL OF THE RIGHTS AND BENEFITS NECESSARY FOR THE FULL ENJOYMENT OF THE RIGHTS HEREIN GRANTED, INCLUDING BUT NOT LIMITED TO INGRESS AND EGRESS OVER GRANATORS ADJACENT ROADS AND EASEMENTS, AND THE RIGHT FROM TIME TO TIME TO CUT ANY AND ALL TREES, UNDERGROWTH, AND OTHER OBSTRUCTIONS THAT MAY CAUSE INTERFERENCE WITH THE OPERATION OF SAID PUBLIC UTILITY FACILITIES.

THE PROPERTY LIES WITHIN THE FOLLOWING PUBLIC UTILITY SERVICE AREA(S):

ELECTRIC - NEW BRAUNFELS UTILITIES
TELEPHONE - AT&T
WATER - CRYSTAL CLEAR WATER SUPPLY CO

2. NO STRUCTURES, WALLS OR OTHER OBSTRUCTIONS OF ANY KIND SHALL BE PLACED WITHIN THE LIMITS OF THE DRAINAGE EASEMENTS SHOWN ON THIS PLAT, NO LANDSCAPING, FENCES, OR OTHER TYPE OF MODIFICATIONS WHICH ALTER THE CROSS SECTIONS OF THE DRAINAGE EASEMENTS OR DECREASES THE HYDRAULIC CAPACITY OF THE EASEMENT, AS APPROVED, SHALL BE ALLOWED WITHOUT THE APPROVAL OF THE CITY ENGINEER, THE CITY OF NEW BRAUNFELS AND THE COUNTY SHALL HAVE THE RIGHT OF INGRESS AND EGROSS OVER GRANATORS ADJACENT PROPERTY TO REMOVE ANY OBSTRUCTIONS PLACED WITHIN THE LIMITS OF SAID DRAINAGE EASEMENTS AND TO MAKE ANY MODIFICATIONS OR IMPROVEMENTS WITHIN SAID DRAINAGE EASEMENTS.

3. COMAL COUNTY REQUIRES A MINIMUM 25 FT. BUILDING SET-BACK LINE FROM ROAD FRONTAGE.

4. NO PORTION OF THE PROPERTY IS LOCATED WITHIN AN EXISTING SPECIAL FLOOD HAZARD ZONE A, 100-YEAR FLOOD BOUNDARY, AS DEFINED BY COMAL COUNTY, TEXAS COMMUNITY PANEL NUMBER 4809I.CQ29SF, DATED SEPTEMBER 2, 2009, AS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

5. THIS SUBDIVISION DOES NOT LIE WITHIN THE EXTRA TERRITORIAL JURISDICTION OF A MUNICIPALITY.

6. THIS PROPERTY WILL BE SERVED BY A STATE CERTIFIED PUBLIC WATER SUPPLY SYSTEM.

7. THIS PROPERTY WILL BE SERVED BY INDIVIDUAL ON SITE SEWER FACILITIES.

8. THIS SUBDIVISION DOES NOT LIE WITHIN THE EDWARDS AQUIFER RECHARGE ZONE.

9. THIS PROPERTY LIES IN THE COMAL INDEPENDENT SCHOOL DISTRICT.

10. DRAINAGE EASEMENTS SHALL BE FREE FROM ALL OBSTRUCTIONS. MAINTENANCE OF ANY DRAINAGE EASEMENT WITHIN A PRIVATE LOT IS THE RESPONSIBILITY OF THE PROPERTY OWNER. DRAINAGE EASEMENTS MAY NOT BE FENCED.

11. LIENHOLDER:

LIENHOLDER NAME: TBD
LIENHOLDER ADDRESS: TBD
DEED OF TRUST DOCUMENT NO. _____ COMAL COUNTY OFFICIAL PUBLIC RECORDS.

LIENHOLDER ACKNOWLEDGEMENT DOCUMENT NO. _____ COMAL COUNTY OFFICIAL PUBLIC RECORDS.

TxDOT NOTES:

1. FOR RESIDENTIAL DEVELOPMENT DIRECTLY ADJACENT TO STATE RIGHT-OF-WAY, THE DEVELOPER/OOWNER SHALL BE RESPONSIBLE FOR ADEQUATE SETBACK AND/OR SOUND ABATEMENT MEASURES FOR FUTURE NOISE MITIGATION.

2. THE DEVELOPER/OOWNER IS RESPONSIBLE FOR PREVENTING ANY ADVERSE IMPACT TO THE EXISTING DRAINAGE SYSTEM WITHIN THE HIGHWAY RIGHT-OF-WAY. OUTFALLS FOR WATER QUALITY AND/OR DETENTION PONDS TREATING IMPERIOUS COVER RELATED TO THE DEVELOPMENT AND STRUCTURES FOR REDUCTION OF DISCHARGE VELOCITY WILL NOT ENCROACH BY STRUCTURE OR GRADING INTO STATE ROW OR INTO AREAS OF ROW PRESERVATION OR DEDICATION. FOR PROJECTS IN THE EDWARDS AQUIFER RECHARGE, TRANSITION OR CONTRIBUTING ZONES, PLACEMENT OF PERMANENT STRUCTURAL BEST MANAGEMENT PRACTICE DEVICES OR VEGETATIVE FILTER STRIPS WITHIN STATE ROW OR INTO AREAS OF ROW PRESERVATION OR DEDICATION WILL NOT BE ALLOWED.

3. IF SIDEWALKS ARE REQUIRED BY APPROPRIATE CITY ORDINANCE, A SIDEWALK PERMIT MUST BE APPROVED BY TxDOT, PRIOR TO CONSTRUCTION WITHIN STATE RIGHT-OF-WAY. LOCATIONS OF SIDEWALKS WITHIN STATE RIGHT OF WAY SHALL BE AS DIRECTED BY TxDOT.

4. MAXIMUM ACCESS POINTS TO STATE HIGHWAY FROM THIS PROPERTY WILL BE REGULATED AS DIRECTED BY TxDOT'S \"ACCESS MANAGEMENT MANUAL\".

5. ANY TRAFFIC CONTROL MEASURES (LEFT-TURN LANE, RIGHT-TURN LANE SIGNAL, ETC.) FOR ANY ACCESS FRONTING A STATE MAINTAINED ROADWAY SHALL BE THE RESPONSIBILITY OF THE DEVELOPER/OOWNER.

UBU NOTES:

1. NEW BRAUNFELS UTILITIES (NBU) IS THE ELECTRIC SERVICE PROVIDER FOR THE PLATTED PROPERTY, AND MAY BE CONTACTED AT 830-629-8400 FOR FURTHER ASSISTANCE.

2. MAINTENANCE OF DEDICATED PUBLIC UTILITY EASEMENTS IS THE RESPONSIBILITY OF THE PROPERTY OWNER. ANY USE OF A PUBLIC UTILITY EASEMENT, OR ANY PORTION OF IT, INCLUDING LANDSCAPING OR DRAGAGE FEATURES, IS SUBJECT TO AND SHALL NOT CONFLICT WITH THE TERMS AND CONDITIONS OF THE PUBLIC UTILITY EASEMENT, AND MUST NOT ENDANGER OR INTERFERE WITH THE RIGHTS GRANTED BY THE PUBLIC UTILITY EASEMENT TO PUBLIC UTILITY PROVIDERS. THE PROPERTY OWNER MUST OBTAIN AN ADVANCE WRITTEN AGREEMENT WITH THE PUBLIC UTILITY PROVIDERS TO UTILIZE THE PUBLIC UTILITY EASEMENT, OR ANY PART OF IT.

3. PUBLIC UTILITY PROVIDERS WILL POSSESS A 5-FOOT WIDE PUBLIC UTILITY SERVICE EASEMENT TO THE BUILDING STRUCTURE ALONG THE SERVICE LINE TO THE SERVICE ENTRANCE. THIS SERVICE EASEMENT WILL VARY DEPENDING UPON THE LOCATION OF BUILDING STRUCTURE AND SERVICE.

4. PUBLIC UTILITY PROVIDERS SHALL HAVE ACCESS TO THE METER LOCATIONS FROM THE FRONT YARD, AND METER LOCATIONS SHALL NOT BE LOCATED WITHIN A FENCED AREA.

5. DO NOT COMBINE ANY NEW PUBLIC UTILITY EASEMENTS (PUe) WITH DRAINAGE EASEMENTS (De) OR MAKE CHANGES IN GRADE WITHIN THE PUBLIC UTILITY EASEMENTS (PUe) WITHOUT WRITTEN APPROVAL FROM PUBLIC UTILITY PROVIDERS.

STATE OF TEXAS §
COUNTY OF COMAL §

KNOW ALL MEN BY THESE PRESENTS:
THE OWNERS OF THE LAND SHOWN ON THIS PLAT, AND WHOSE NAMES ARE SUBSCRIBED HERETO, AND IN PERSON OR THROUGH A duly authorized agent, HEREBY dedicate TO THE USE OF THE PUBLIC FOREVER ALL STREETS, PARKS, WATER COURSES, DRAINS, EASEMENTS, AND PUBLIC PLACES THEREON SHOWN FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED.

OWNER: SCOTT FELDER HOMES, LLC

BY:_____
SCOTT FELDER HOMES, LLC
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX 78730

STATE OF TEXAS §
COUNTY OF COMAL §

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS ____ DAY OF _____, 20___ A.D.

NOTARY PUBLIC, STATE OF TEXAS

PRELIMINARY, THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT

STATE OF TEXAS REGISTERED PROFESSIONAL SURVEYOR
★
ROBERT A. HARPER
6582
EXP. DATE 06/30/2024
COMMISSION # 12180

STATE OF TEXAS §
COUNTY OF BEXAR §

I, HEREBY CERTIFY THAT THIS PLAT IS TRUE AND CORRECT AND WAS PREPARED FROM AN ACTUAL SURVEY OF THE PROPERTY MADE UNDER MY SUPERVISION ON THE GROUND.

ROBERT A. HARPER, R.P.L.S.
SUMMIT GEOMATICS, INC.
4603 N. STAHL PARK, SUITE 103
SAN ANTONIO, TEXAS 78217

DATE_____

SWORN TO AND SUBSCRIBED BEFORE ME THIS THE ____ DAY OF _____, 20___ A.D.

NOTARY PUBLIC, STATE OF TEXAS

PRINT NOTARY'S NAME

THIS PLAT OF WESTRIDGE HAS BEEN SUBMITTED TO AND CONSIDERED BY THE COMMISSIONERS COURT OF COMAL COUNTY, TEXAS AND IS HEREBY APPROVED FOR FILING BY SAID COURT ON _____, 20___ A.D.
DATED THIS ____ DAY OF _____, 20___ A.D.

BY:_____
COUNTY JUDGE

ATTEST:_____
COUNTY CLERK - DEPUTY

STATE OF TEXAS §
COUNTY OF COMAL §

I, BOBBIE KOEPPE, COUNTY CLERK OF COMAL COUNTY, DO HEREBY CERTIFY THAT THIS PLAT WAS FILED FOR RECORD IN MY OFFICE ON THIS THE ____ DAY OF _____, 20___ A.D., AT _____M., IN THE RECORDS OF MAPS AND PLATS IN SAID OFFICE, OF SAID COUNTY, IN DOCUMENT NO. _____ IN TESTIMONY WHEREOF I WITNESS MY HAND AND OFFICIAL SEAL OF OFFICE THIS THE ____ DAY OF _____, 20___ A.D.

COUNTY CLERK
COMAL COUNTY, TEXAS

BY:_____
DEPUTY

B.S.L.
D.R.C.C.T.
FOUND
MAP & PLAN RECORDS OF
COMAL COUNTY, TEXAS
NUMBER
OFFICIAL PUBLIC RECORDS OF
COMAL COUNTY, TEXAS
PAGE
POINT OF BEGINNING
VOLUME
UTILITY EASEMENT
FOUND 1/2-INCH IRON ROD
(UNLESS OTHERWISE NOTED)
SET 5/8-INCH IRON ROD
WCAP SUMMIT GEOMATICS, INC.'
EXISTING CONTOUR LINES

O
-- 680 --

LINE DATA

NO. BEARING DISTANCE

L1 S 45°00'58" W 16.91'

L2 N 41°35'12" E 37.34'

L3 S 41°39'12" E 37.34'

L4 N 64°18'56" E 72.46'

L5 S 64°18'56" W 72.46'

L6 S 86°19'44" W 26.73'

L7 S 03°40'16" E 3.03'

L8 S 27°02'11" E 54.47'

L9 N 27°02'11" W 54.47'

L10 S 45°00'58" E 16.79'

CURVE TABLE

NO. ARC LENGTH RADIUS DELTA CHORD BEARING CHORD DIST.

C1 10.21' 10.00' 58°28'25" S 74°15'11" W 9.77'

C2 116.43' 64.00' 104°13'59" S 51°22'23" E 101.03'

C3 11.15' 10.00' 63°54'27" N 31°12'37" W 10.58'

C4 33.50' 270.00' 7°06'33" N 66°43'08" W 33.48'

C5 100.82' 330.00' 17°30'18" S 81°31'15" E 100.43'

C6 165.66' 330.00' 32°14'04" S 36°39'04" E 183.2

**KNOW WHAT'S BEL
811 BEFORE YOU**

C3.2

CONTACT:

CONTACT:

CONTACT:

5 FLORAL AVE, STE C
NEW BRAUNFELS, TX 78130

TEL: (830) 327-1235

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YR. 2023

PROPOSED PLAIN Z

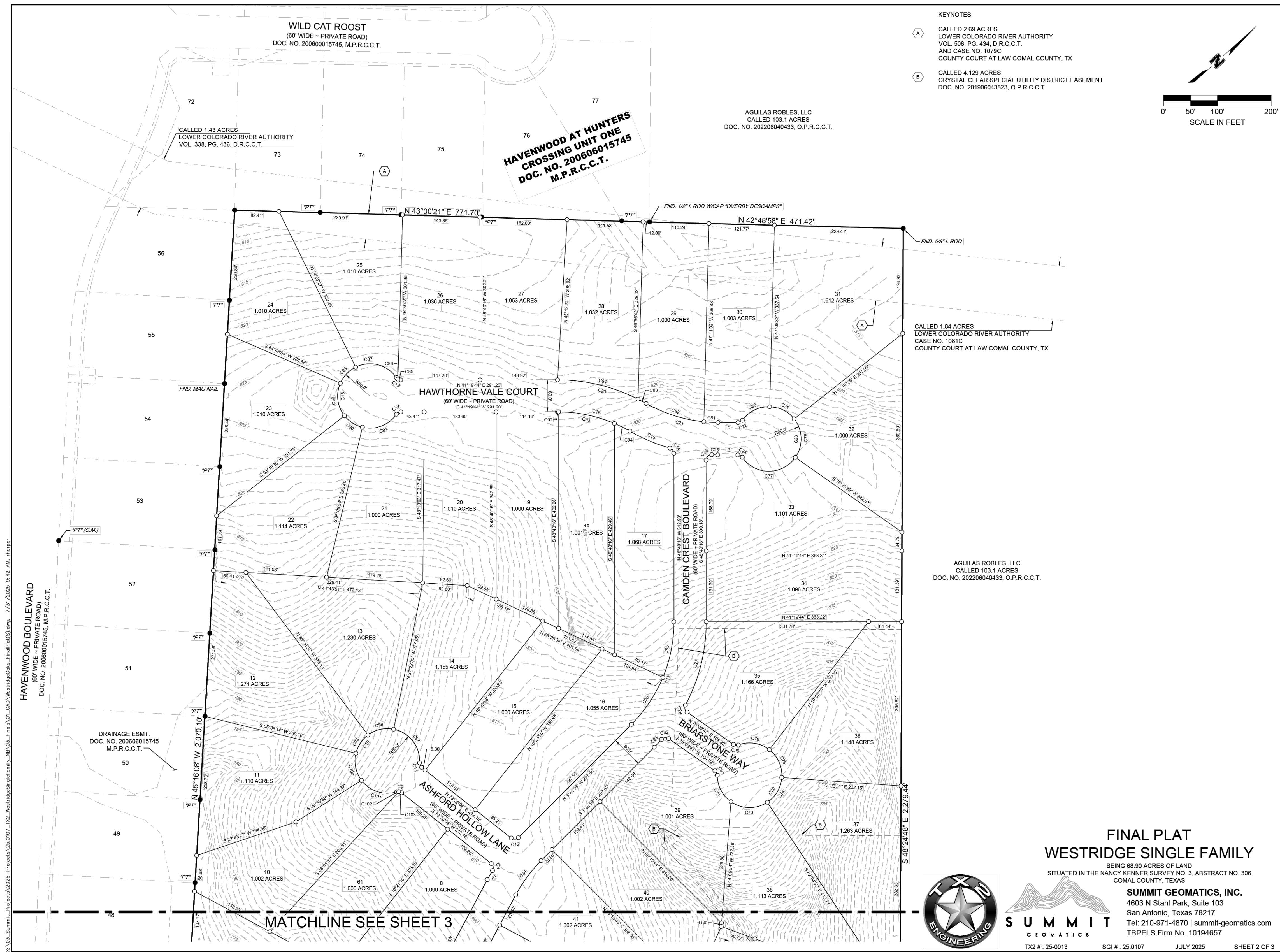
6821 FM 1102
NEW BRAUNFELS, TX 78132

[illegible]

AWN BY:	TNT
/QC BY:	TNT
PROJECT NO.:	###-####
PERMIT #:	

C3.3

MEET



TEL: (830) 327-1235

YR. 2023

PROPOSED PLAI 3

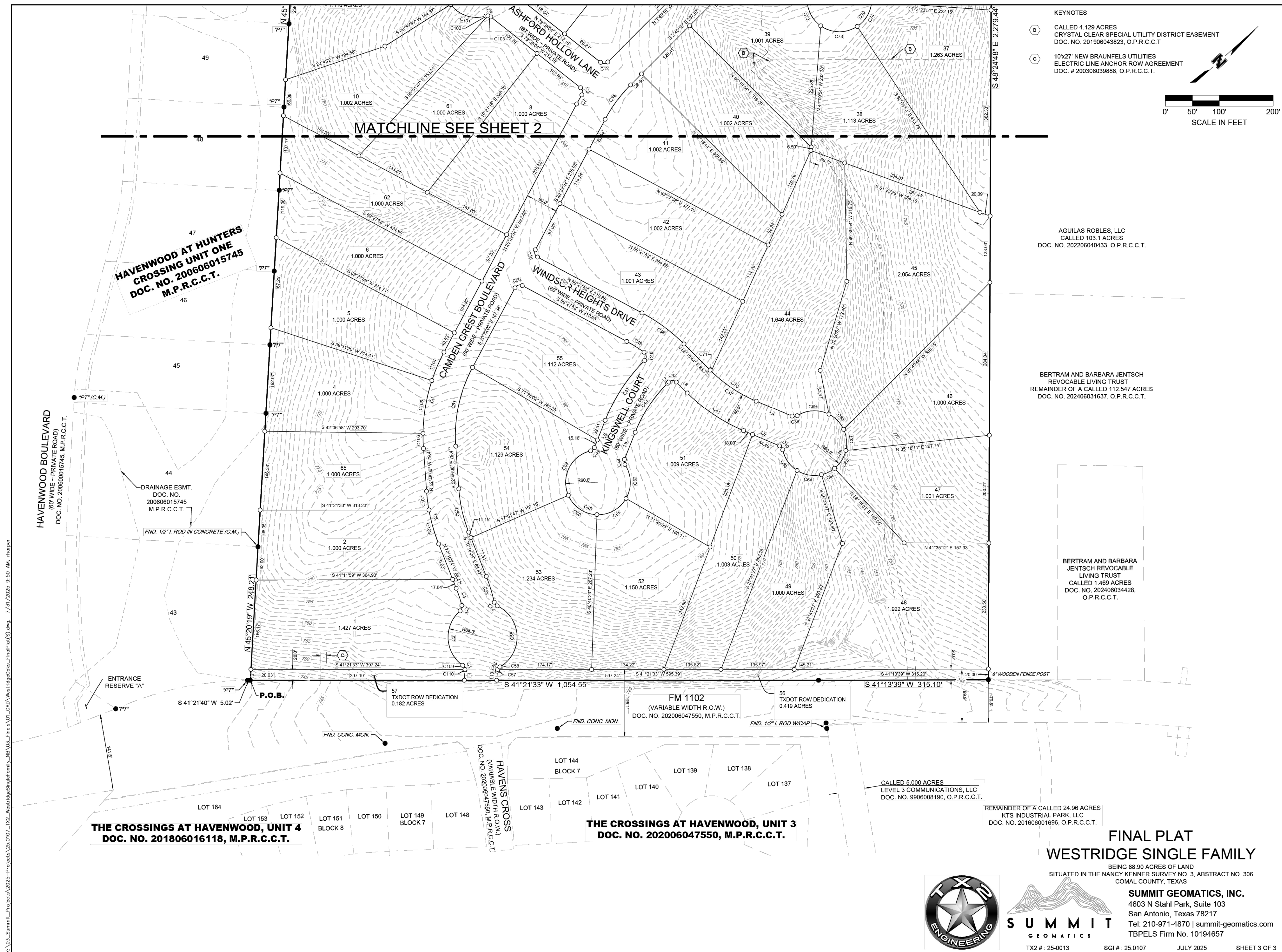
6821 FM 1102
NEW BRAUNFELS, TX 78132

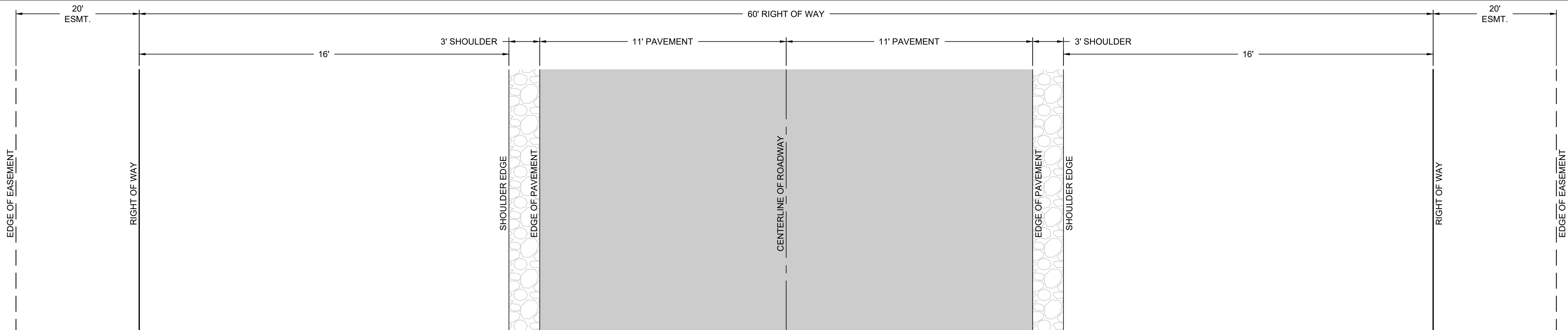
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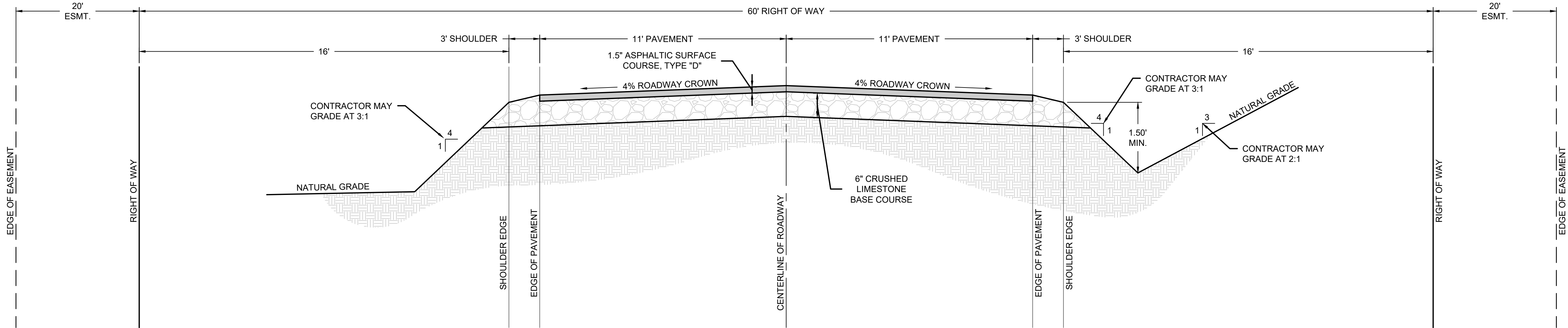
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MEET

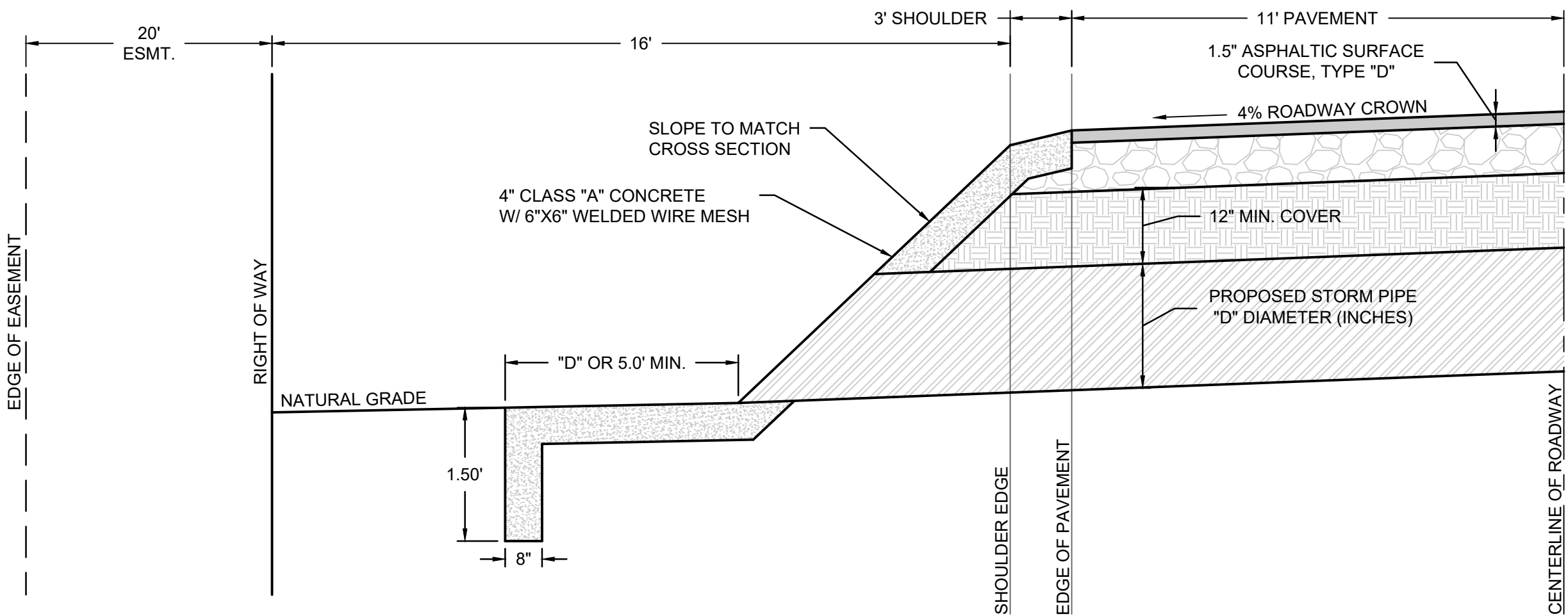




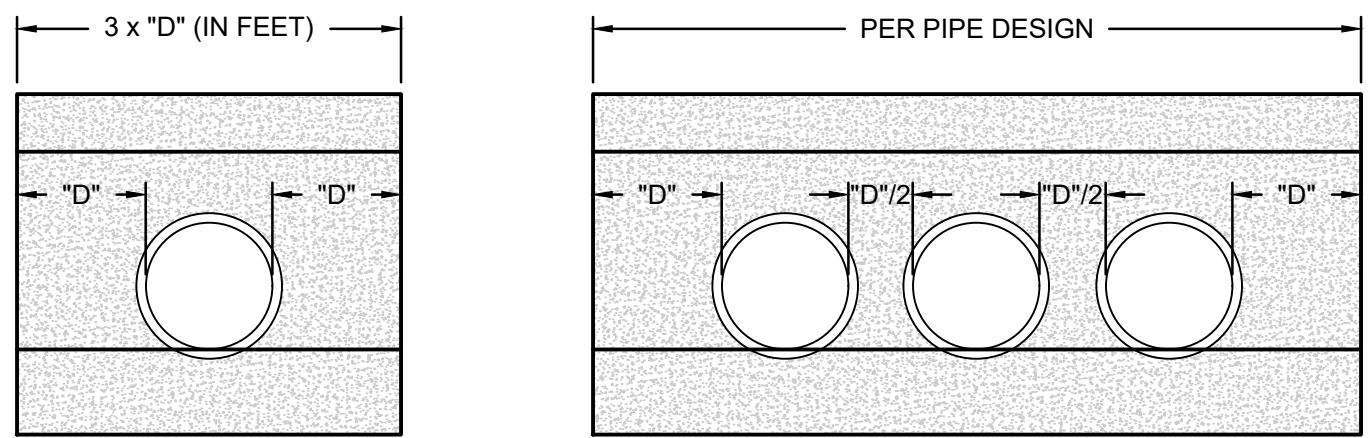
ROADWAY CROSS SECTION (TYP.)
PLAN VIEW



ROADWAY CROSS SECTION (TYP.)
PROFILE VIEW



STORM SEWER HEADWALL DETAIL (TYP.)
PROFILE VIEW



STORM SEWER HEADWALL DETAIL (TYP.)
PLAN VIEW

NOT TO SCALE
"D"/2 SHALL BE A MINIMUM OF 2'

NOTES:

1. CONTRACTOR SHALL INSTALL ROADWAY SECTION PER LATEST STANDARDS AND SPECIFICATIONS OF JURISDICTIONAL AGENCY. (COMAL COUNTY, TX).
2. CONTRACTOR SHALL REFERENCE PROJECT GEOTECHNICAL REPORT AND ALL ADDENDA (IF AVAILABLE) FOR INSTALLATION OF ROADWAY, UTILITIES, AND ALL INFRASTRUCTURE. WHERE DISCREPANCIES EXIST BETWEEN THE REPORT AND THE JURISDICTIONAL AGENCY, THE CONSERVATIVE RECOMMENDATION SHALL GOVERN.
3. GUARDRAIL MAY BE UTILIZED WHEN SLOPES EXCEED 3:1. CONTRACTOR SHALL NOTIFY ENGINEER AS NECESSARY TO DISCUSS DESIGN, IMPLEMENTATION, AND INSTALLATION OF GUARDRAIL. CONTRACTOR SHALL NOT PROCEED WITHOUT JURISDICTIONAL APPROVAL (COMAL COUNTY, TX).
4. DRAINAGE INFRASTRUCTURE SHALL BE MAINTAINED WITHIN THE RIGHT OF WAY UNLESS SPECIFIED WITHIN THE PLANS.



TX2 ENGINEERING
FIRM #: 20787

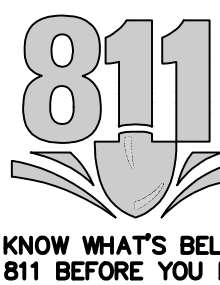
CONTACT:
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NEW BRAUNFELS, TX 78130
TEL: (830) 327-1235

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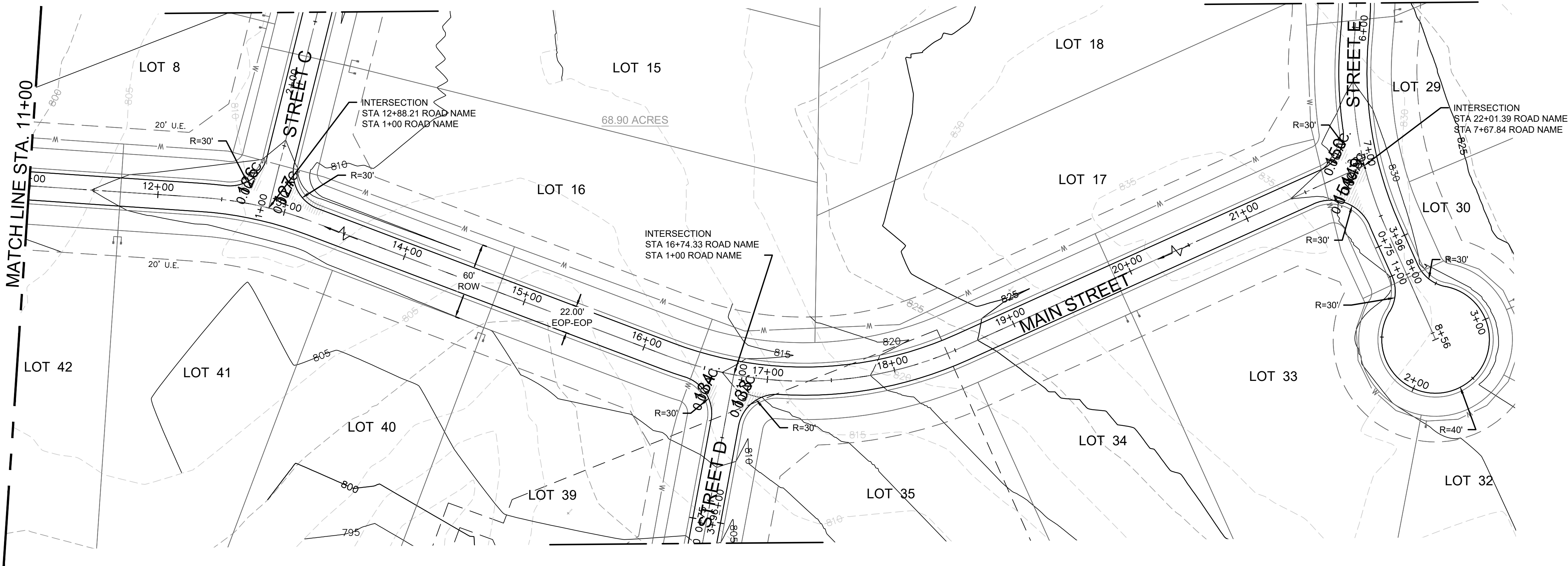
GENERAL DETAILS 1
WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132
YR: 2025

REVISIONS		BY
REV.	DATE	DESCRIPTION

DRAWN BY: TNT
QA/QC BY: TNT
PROJECT NO.: ###-###
PERMIT #:



C4.0



LEGEND

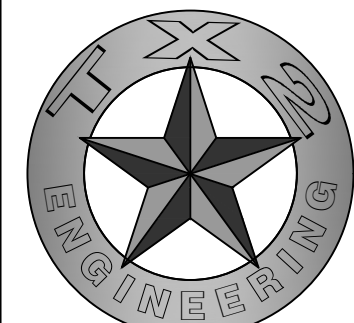
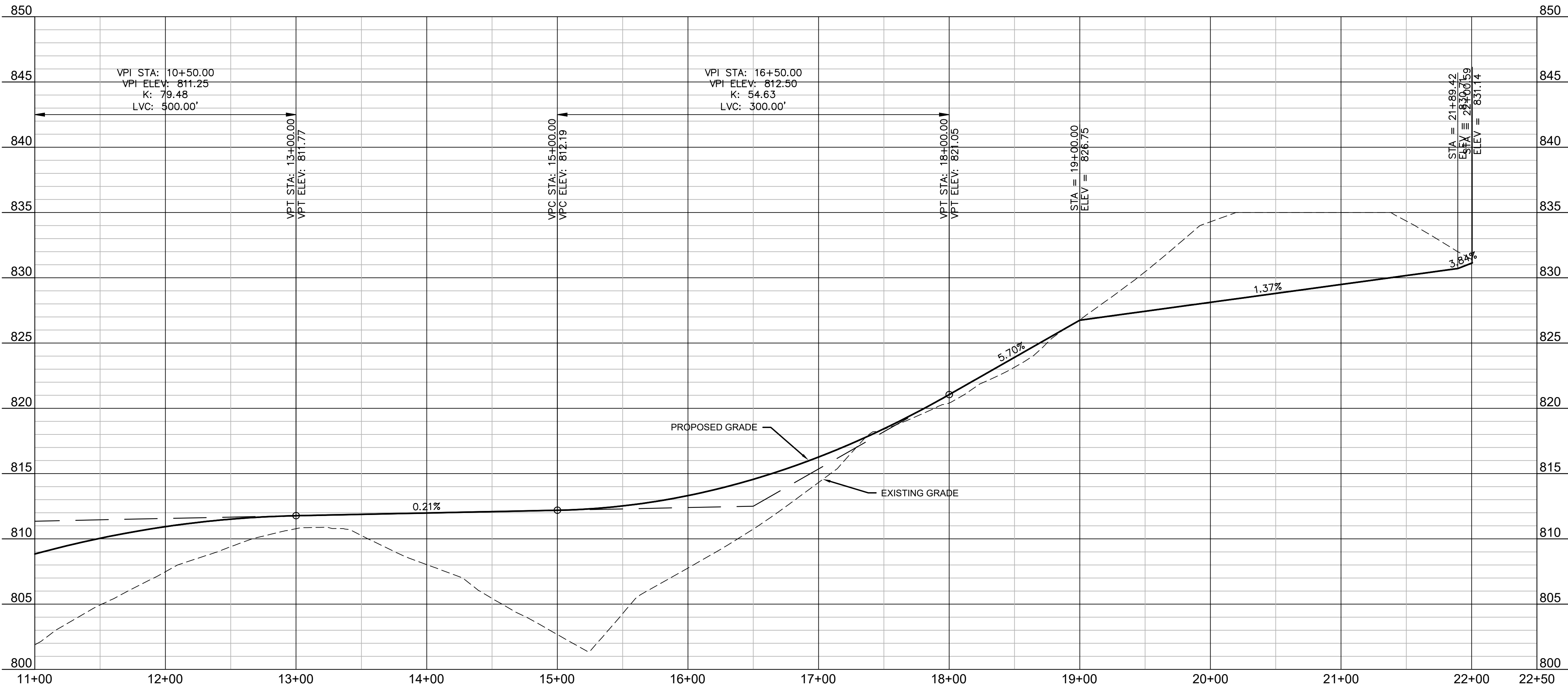
- PROPERTY LINE
- RIGHT OF WAY
- P-OH EXISTING OVERHEAD POWER
- UGE EXISTING UNDERGROUND POWER
- T EXISTING TELEPHONE CONDUIT
- CATV EXISTING CABLE TELEVISION CONDUIT
- FO EXISTING FIBER OPTIC CONDUIT
- G EXISTING NATURAL GAS SERVICE
- W EXISTING WATER SERVICE
- 610- EXISTING MAJOR CONTOUR
- 611- EXISTING MINOR CONTOUR
- 610- PROPOSED MAJOR CONTOUR
- 611- PROPOSED MINOR CONTOUR
- PROPOSED LOT LINE
- PROPOSED CENTERLINE
- PROPOSED BUILDING SETBACK LINE
- PROPOSED EASEMENT LINE
- PROPOSED WATER FLOW DIRECTION

NOTES:

- ALL UTILITY SYMBOLS SHOWN REPRESENT APPROXIMATE LOCATIONS UNLESS OTHERWISE NOTED. CONTRACTOR SHALL REFER TO THE APPROPRIATE AGENCY'S STANDARD SPECIFICATIONS AND INSTALLATION DETAILS FOR ACTUAL LOCATIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE TEXAS ONE CALL CENTER, AND FIELD VERIFY EXACT LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- ALL DIMENSIONS ARE AT EDGE OF PAVEMENT UNLESS OTHERWISE NOTED ON PLAN.

WARNING - OVERHEAD POWER LINES

CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THE VICINITY OF OVERHEAD POWER LINES.



TX2 ENGINEERING

FIRM #: 20787

CONTACT:

645 FLORAL AVE, STE C
NEW BRAUNFELS, TX 78130

TEL: (830) 327-1235

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ROAD 1 PLAN AND PROFILE 2

WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132

YR: 2025

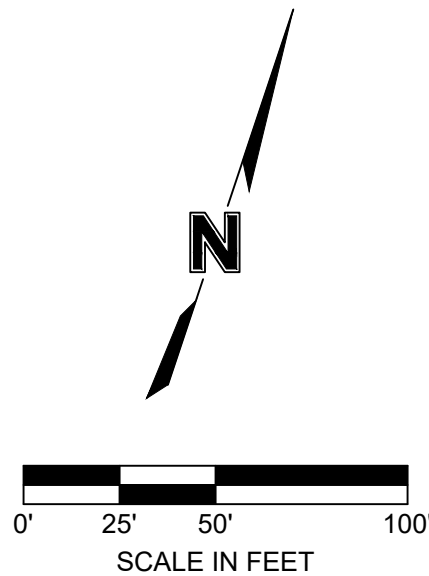
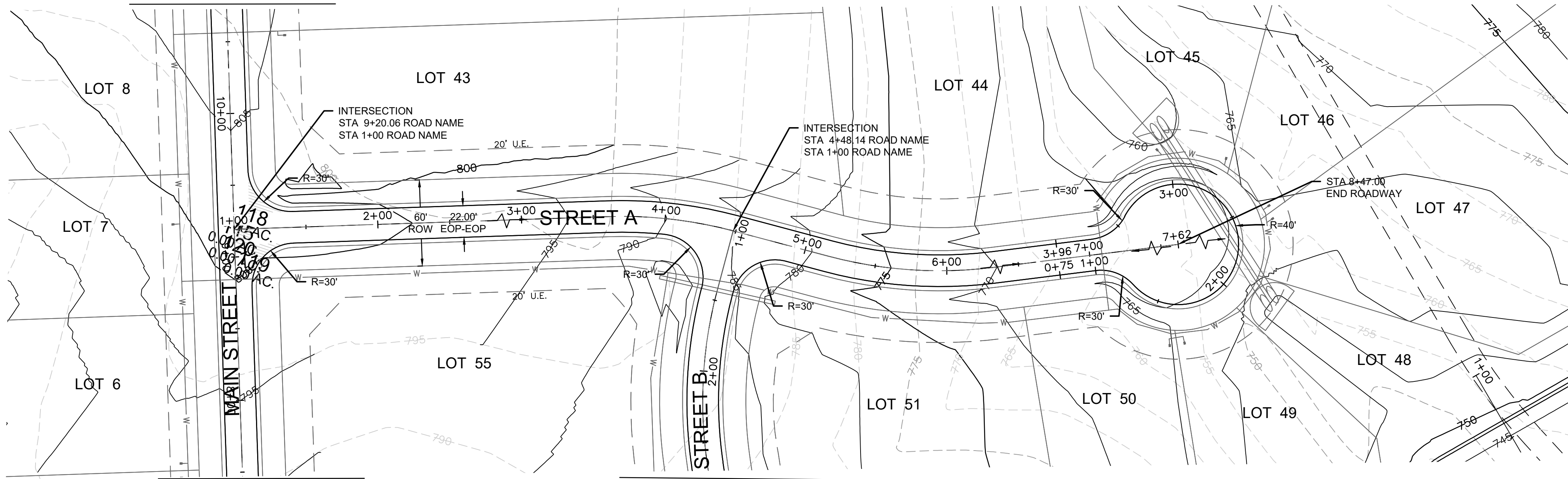
REVISIONS

REV.	DATE	DESCRIPTION	BY

DRAWN BY: TNT
QA/QC BY: TNT
PROJECT NO.: ###-###
PERMIT #:

C5.2

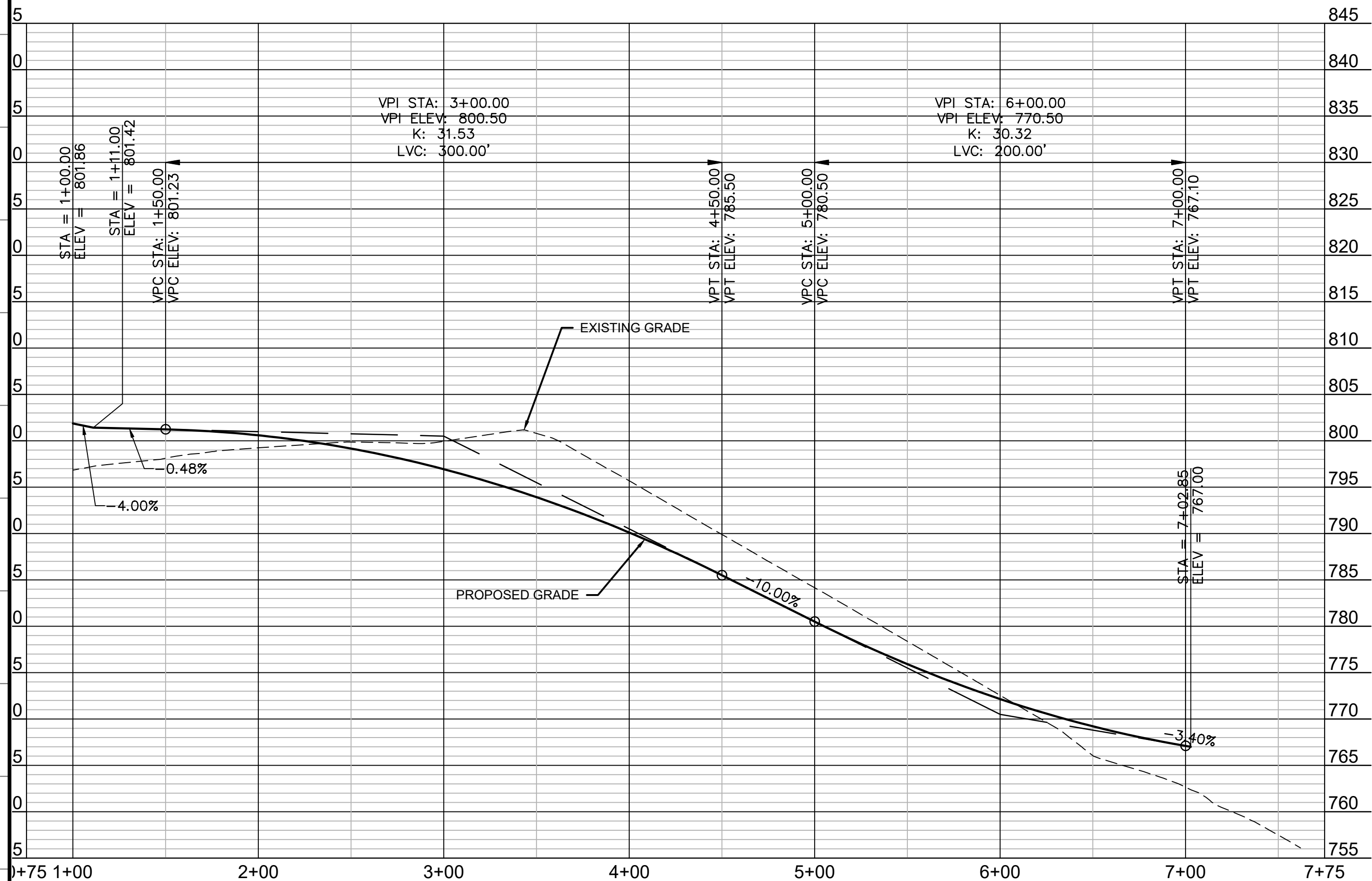
SHEET



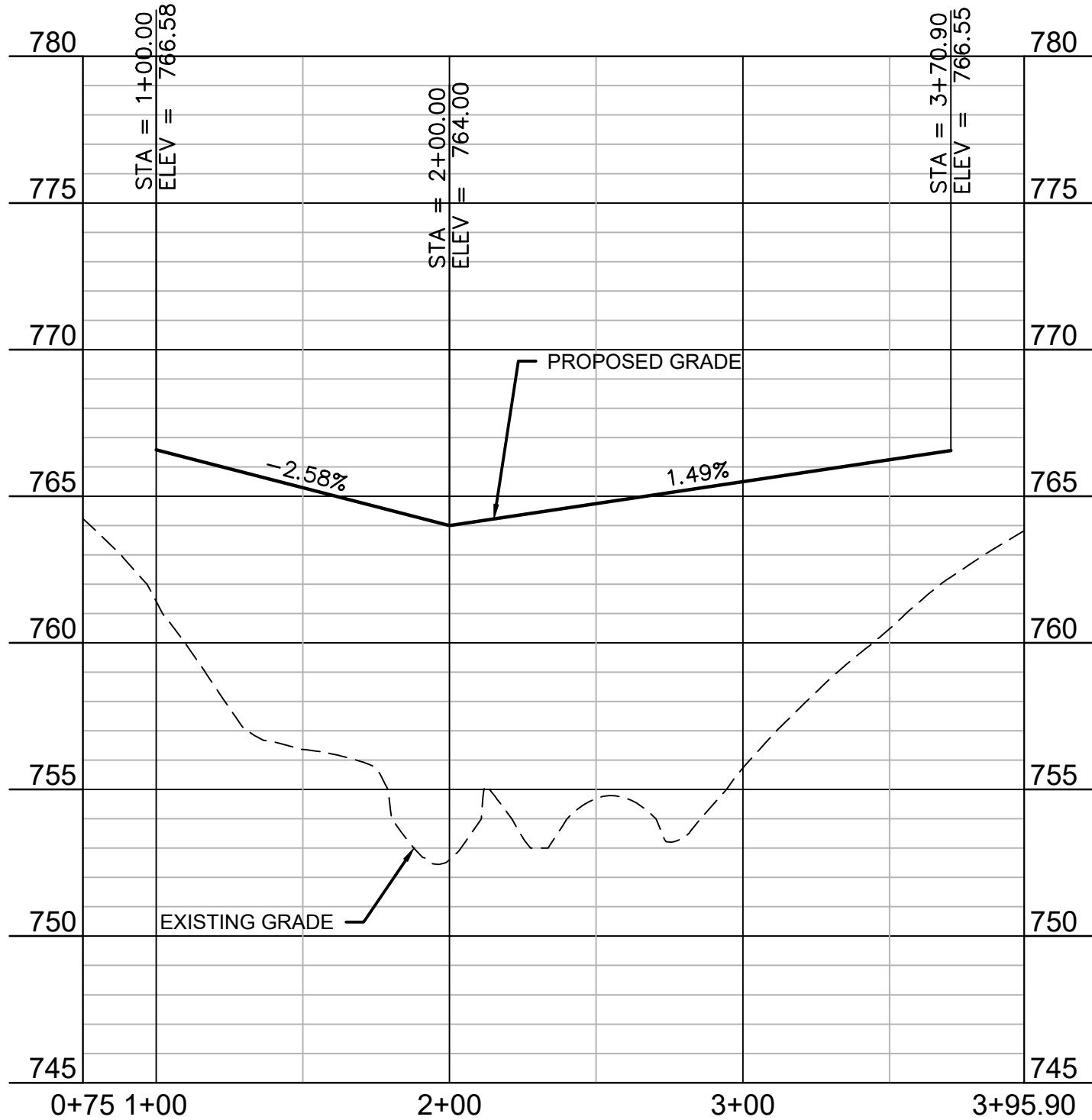
LEGEND

- PROPERTY LINE
- RIGHT OF WAY
- P-OH EXISTING OVERHEAD POWER
- UGE EXISTING UNDERGROUND POWER
- T EXISTING TELEPHONE CONDUIT
- CATV EXISTING CABLE TELEVISION CONDUIT
- FO EXISTING FIBER OPTIC CONDUIT
- G EXISTING NATURAL GAS SERVICE
- W EXISTING WATER SERVICE
- 610- EXISTING MAJOR CONTOUR
- 611- EXISTING MINOR CONTOUR
- 610 PROPOSED MAJOR CONTOUR
- 611 PROPOSED MINOR CONTOUR
- PROPOSED LOT LINE
- PROPOSED CENTERLINE
- PROPOSED BUILDING SETBACK LINE
- PROPOSED EASEMENT LINE
- PROPOSED WATER FLOW DIRECTION

STREET A



STREET A

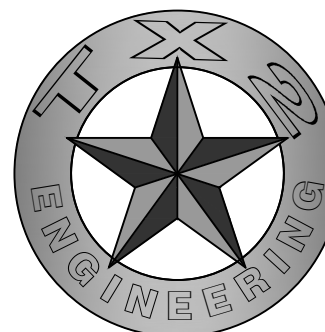
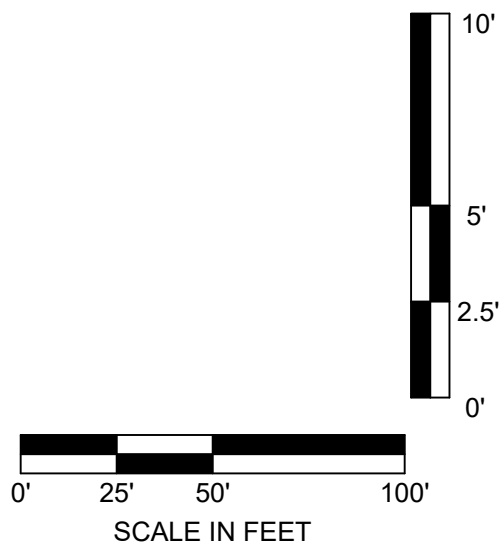


NOTES:

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WARNING - OVERHEAD POWER LINES

CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THE VICINITY OF OVERHEAD POWER LINES.



TX2 ENGINEERING

FIRM #: 20787

CONTACT:

645 FLORAL AVE, STE C
NEW BRAUNFELS, TX 78130

TEL: (830) 327-1235

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ROAD 2 PLAN AND PROFILE 1

WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132

YR: 2025

REVISIONS

REV.	DATE	DESCRIPTION	BY

DRAWN BY: TNT

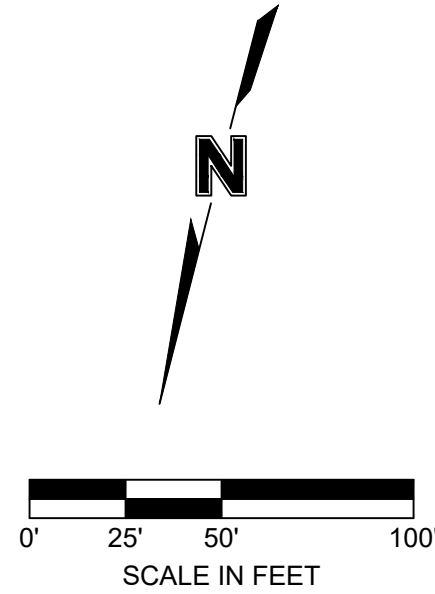
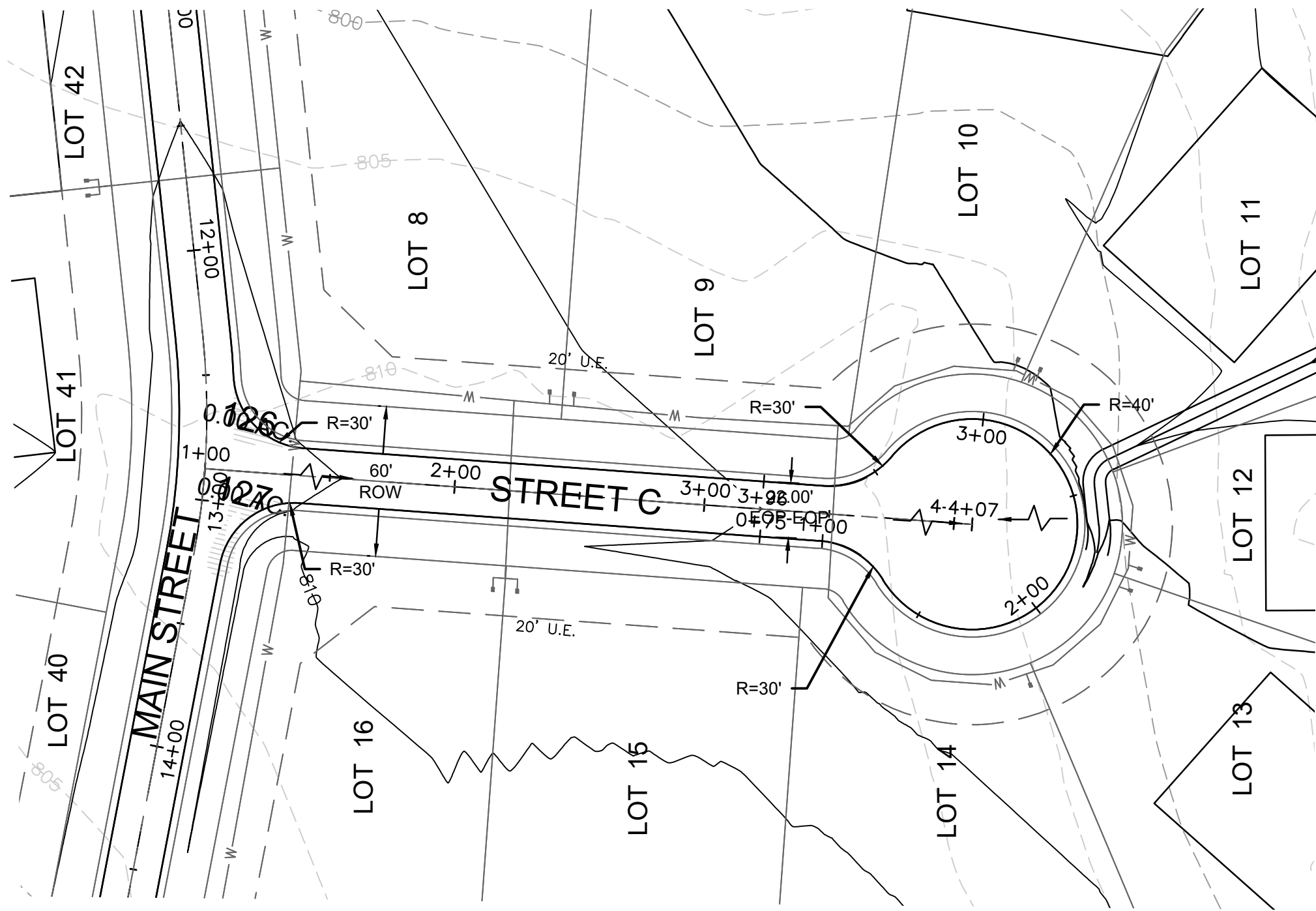
QA/QC BY: TNT

PROJECT NO.: ###-###

PERMIT #:

C5.3

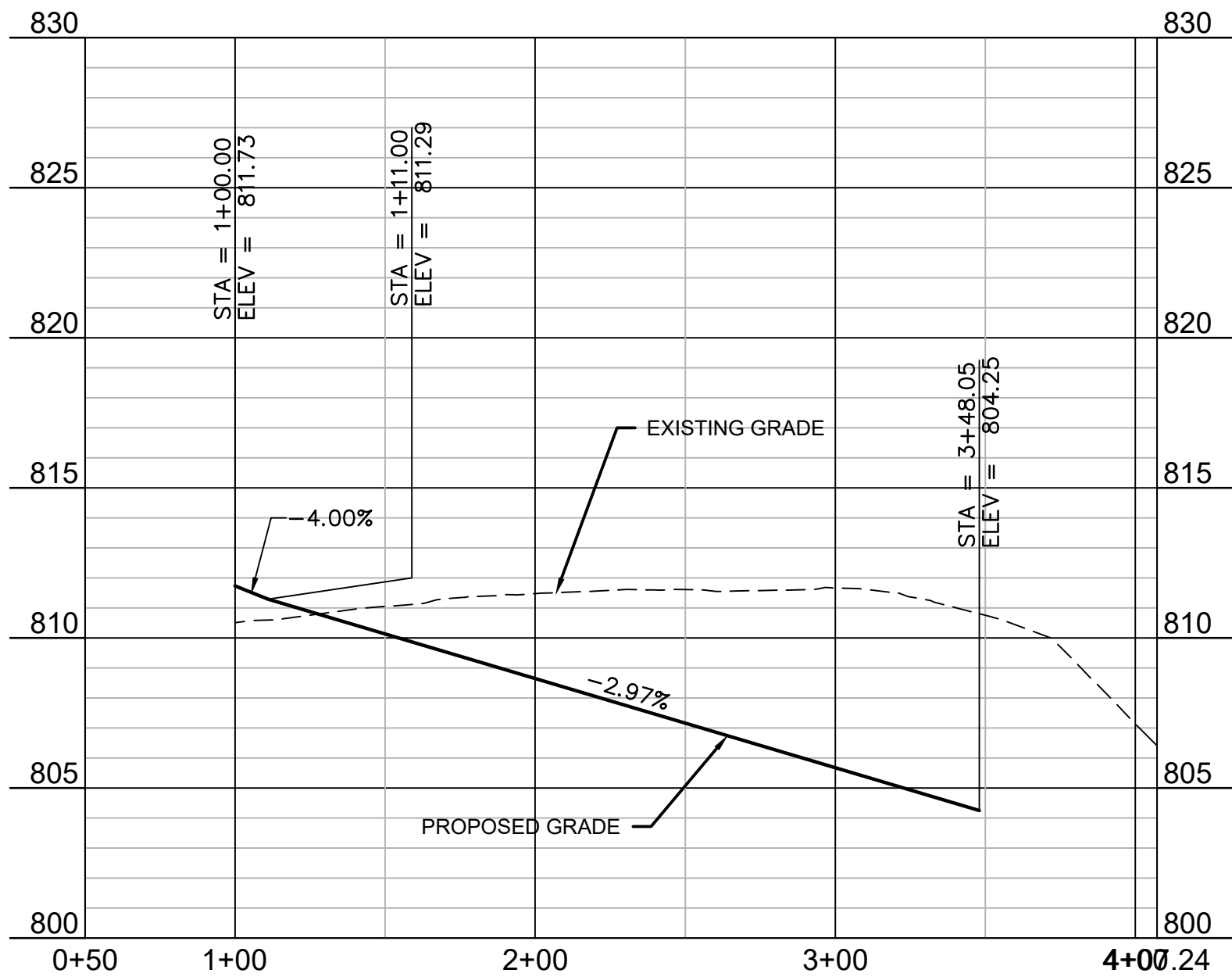
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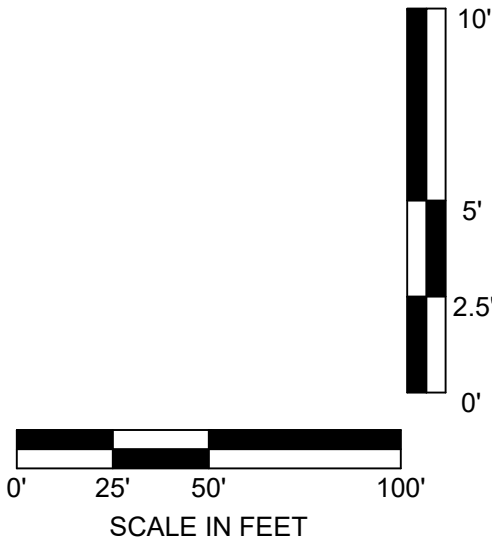
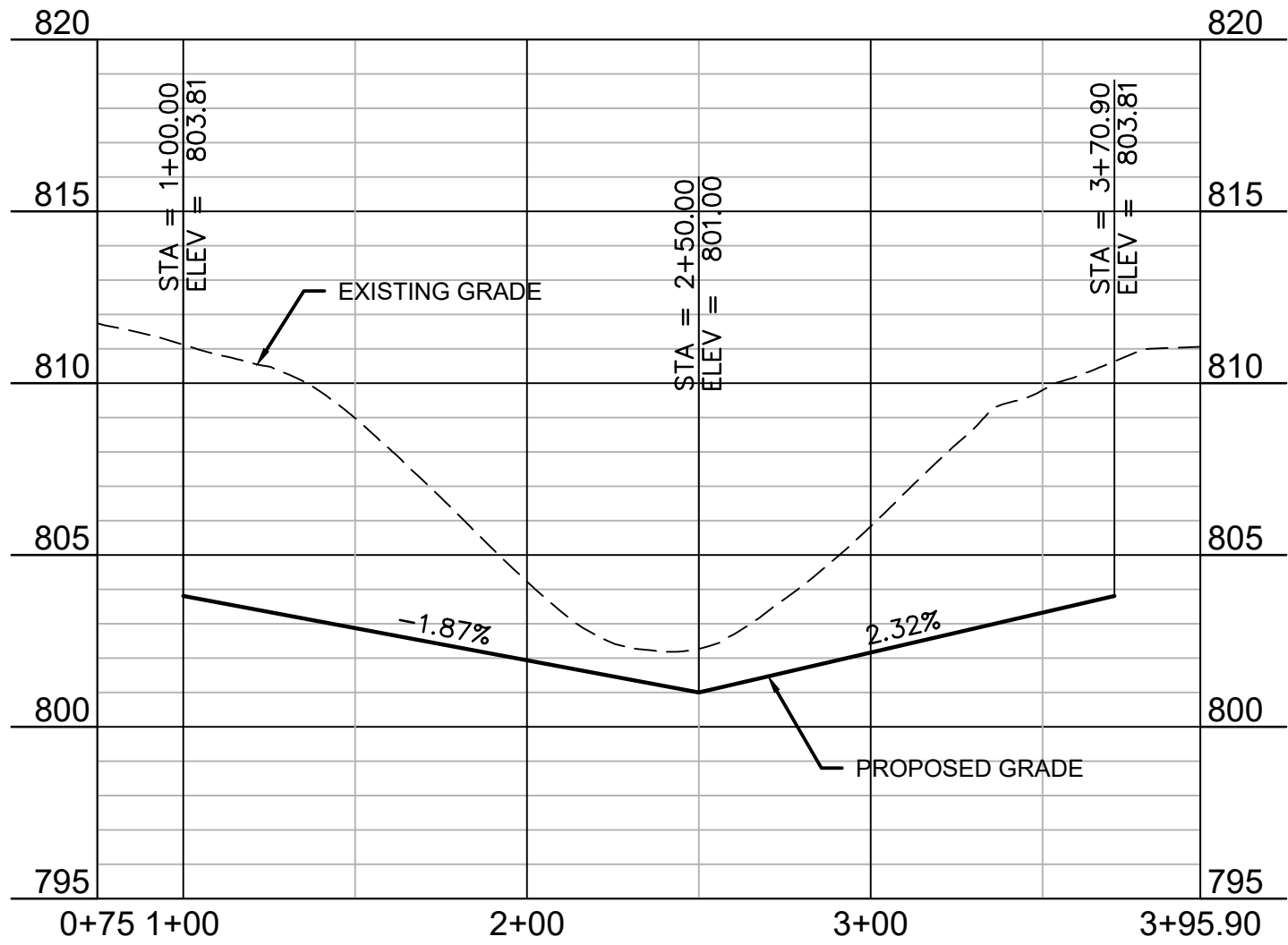
LEGEND

- PROPERTY LINE
- RIGHT OF WAY
- P-OH EXISTING OVERHEAD POWER
- UGE EXISTING UNDERGROUND POWER
- T EXISTING TELEPHONE CONDUIT
- CATV EXISTING CABLE TELEVISION CONDUIT
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- 610 PROPOSED MAJOR CONTOUR
- 611 PROPOSED MINOR CONTOUR
- PROPOSED LOT LINE
- PROPOSED CENTERLINE
- PROPOSED BUILDING SETBACK LINE
- PROPOSED EASEMENT LINE
- PROPOSED WATER FLOW DIRECTION

STREET C



STREET C

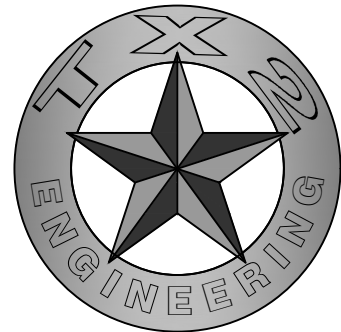


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TX2 ENGINEERING
FIRM #: 20787

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ROAD 4 PLAN AND PROFILE 1
WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132
YR: 2025

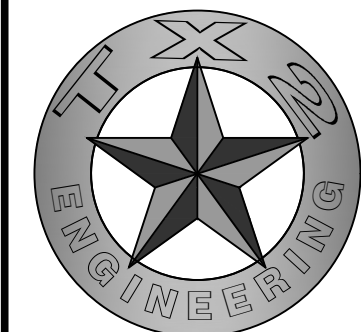
REVISIONS		BY
REV.	DATE	DESCRIPTION

DRAWN BY: TNT
QA/QC BY: TNT
PROJECT NO.: ###-###
PERMIT #:



C5.5

SHEET



TX2 ENGINEERING
FIRM #: 20787

CONTACT:
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NEW BRAUNFELS, TX 78130
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ROAD 5 PLAN AND PROFILE 1

WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132

REVISIONS

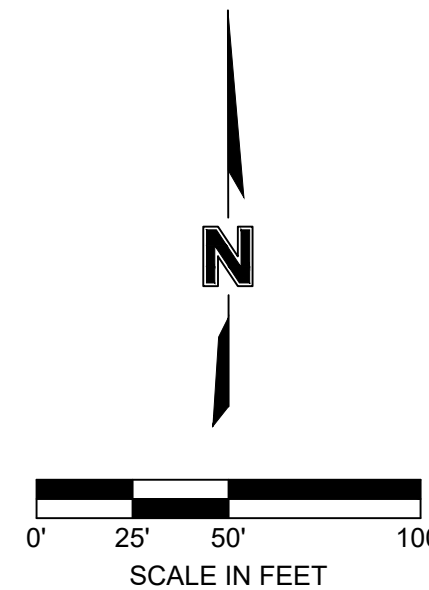
REV.	DATE	DESCRIPTION	BY

DRAWN BY: TNT
QA/QC BY: TNT
PROJECT NO.: ###-####
PERMIT #:



C5.6

SHEET



LEGEND

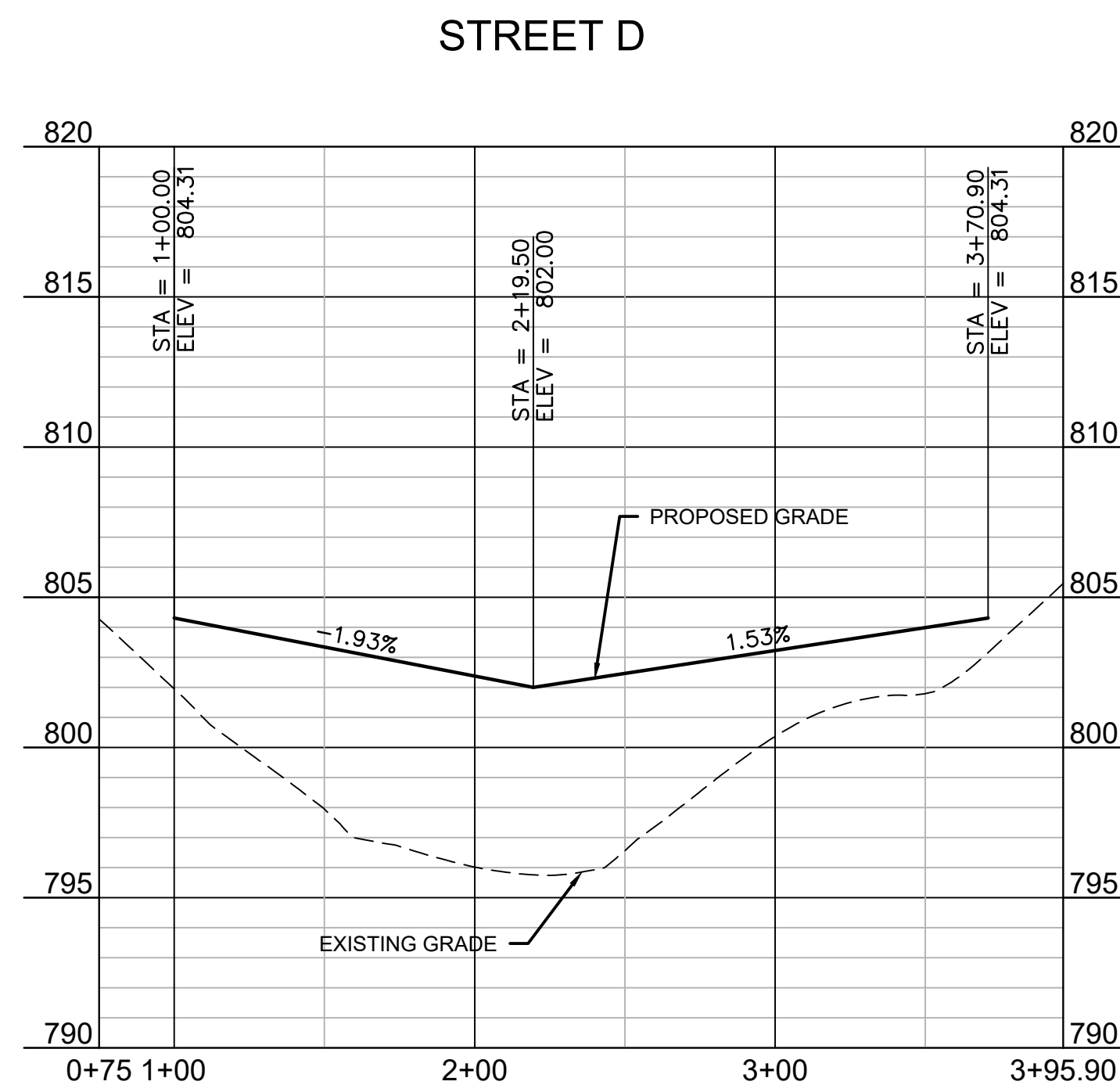
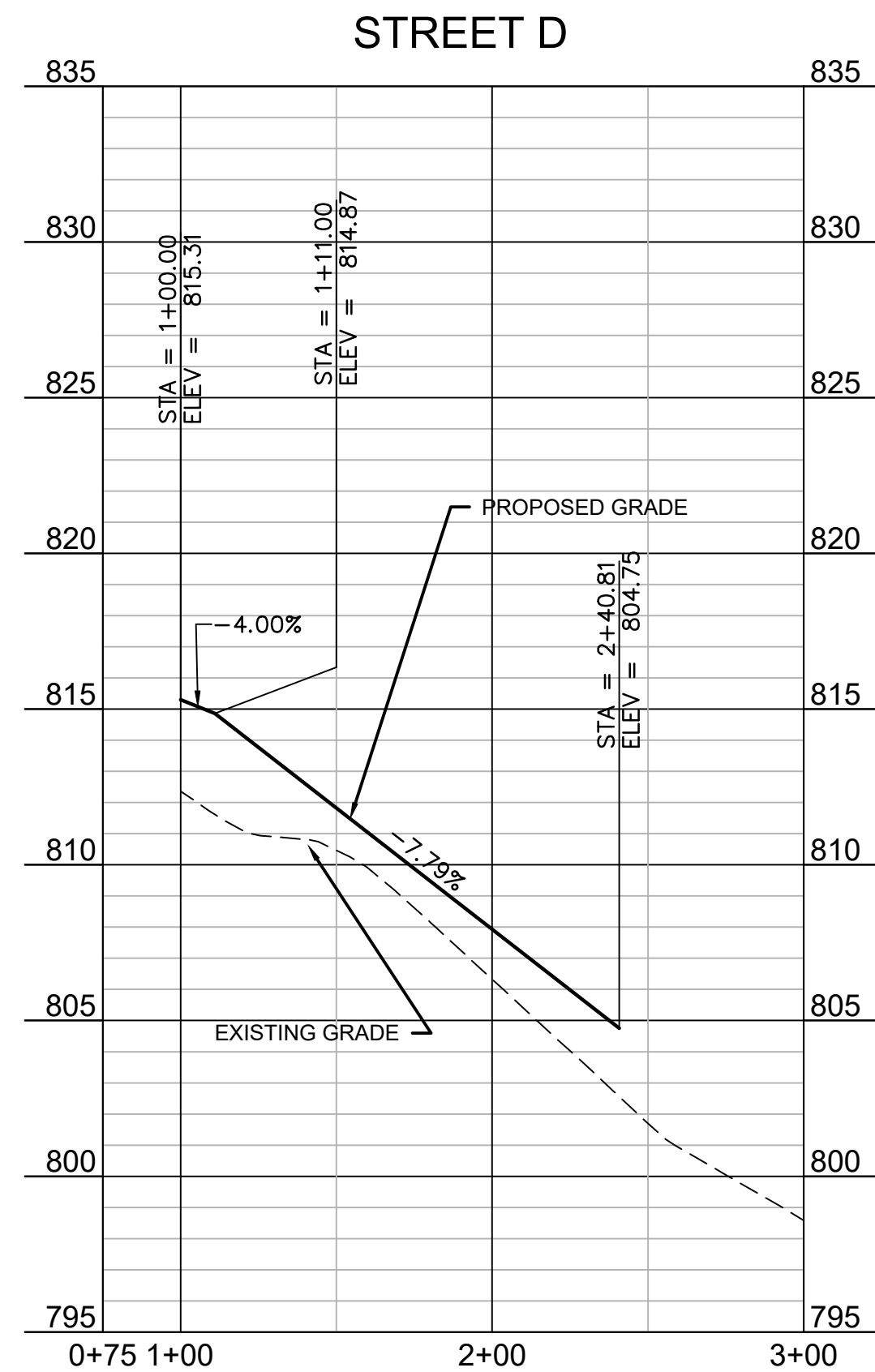
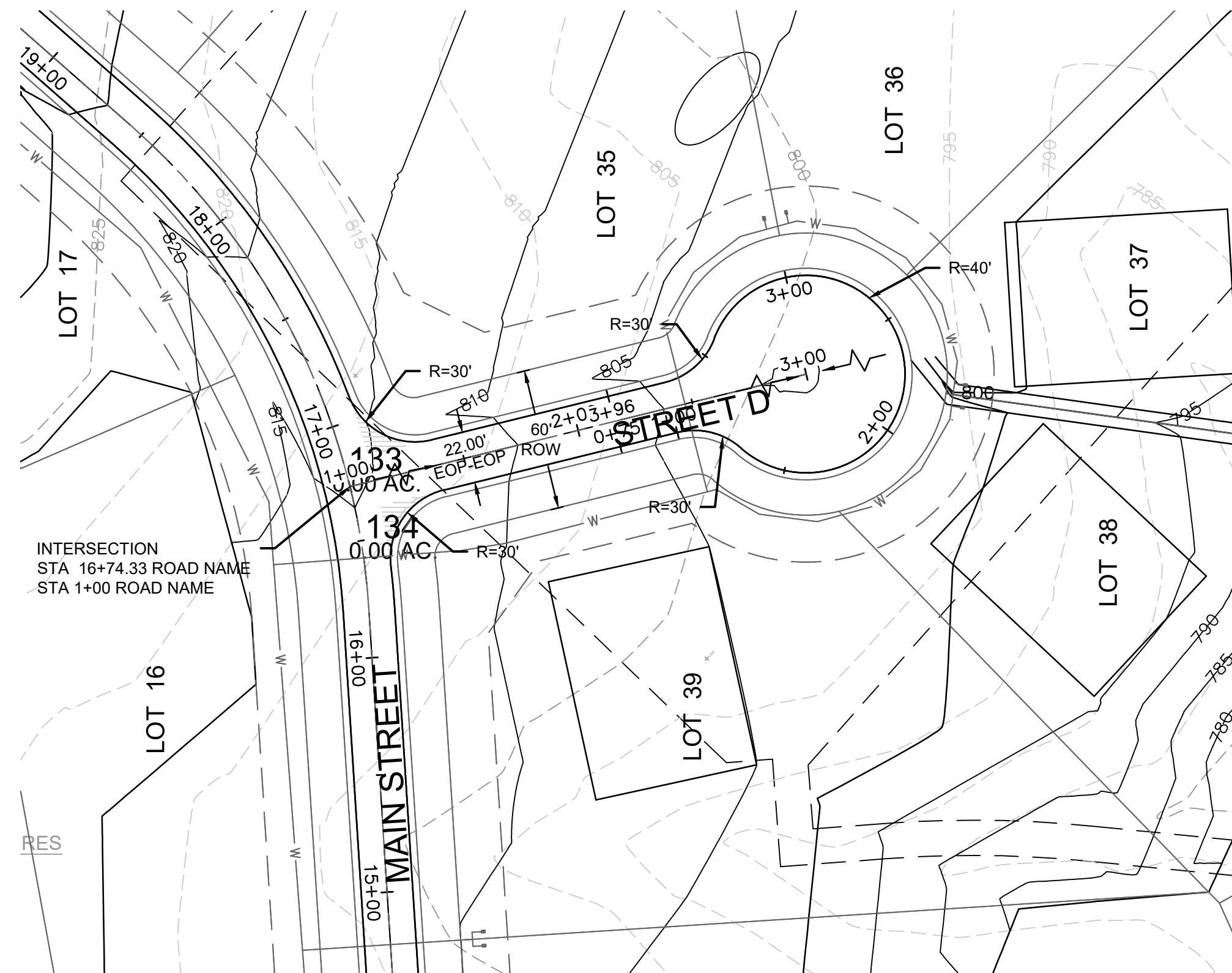
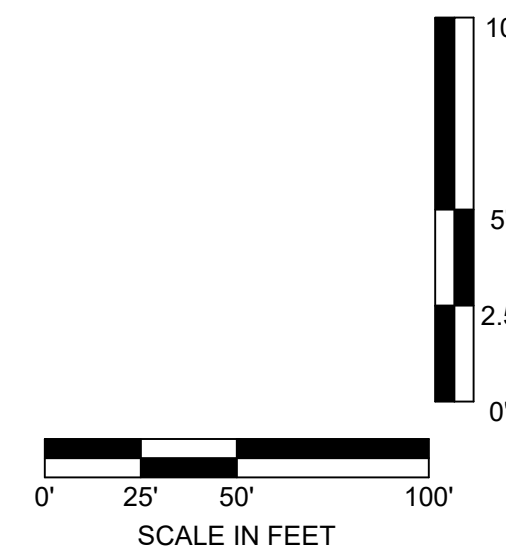
---	PROPERTY LINE
---	RIGHT OF WAY
---	P-OH EXISTING OVERHEAD POWER
---	UGE EXISTING UNDERGROUND POWER
---	T T EXISTING TELEPHONE CONDUIT
---	CATV EXISTING CABLE TELEVISION CONDUIT
---	FO EXISTING FIBER OPTIC CONDUIT
---	G G EXISTING NATURAL GAS SERVICE
---	W W EXISTING WATER SERVICE
---	-610- EXISTING MAJOR CONTOUR
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---	611 PROPOSED MINOR CONTOUR
---	PROPOSED LOT LINE
---	PROPOSED CENTERLINE
---	PROPOSED BUILDING SETBACK LINE
---	PROPOSED EASEMENT LINE
---	PROPOSED WATER FLOW DIRECTION

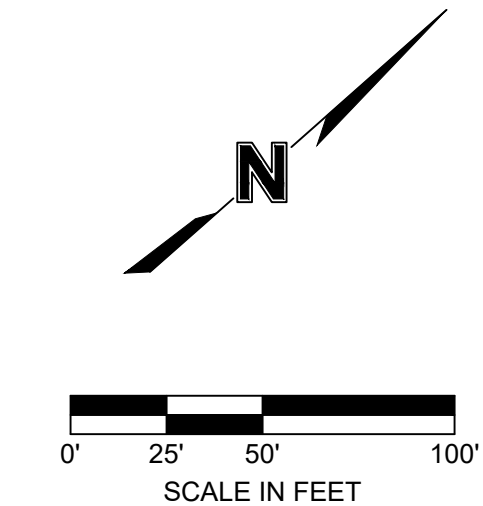
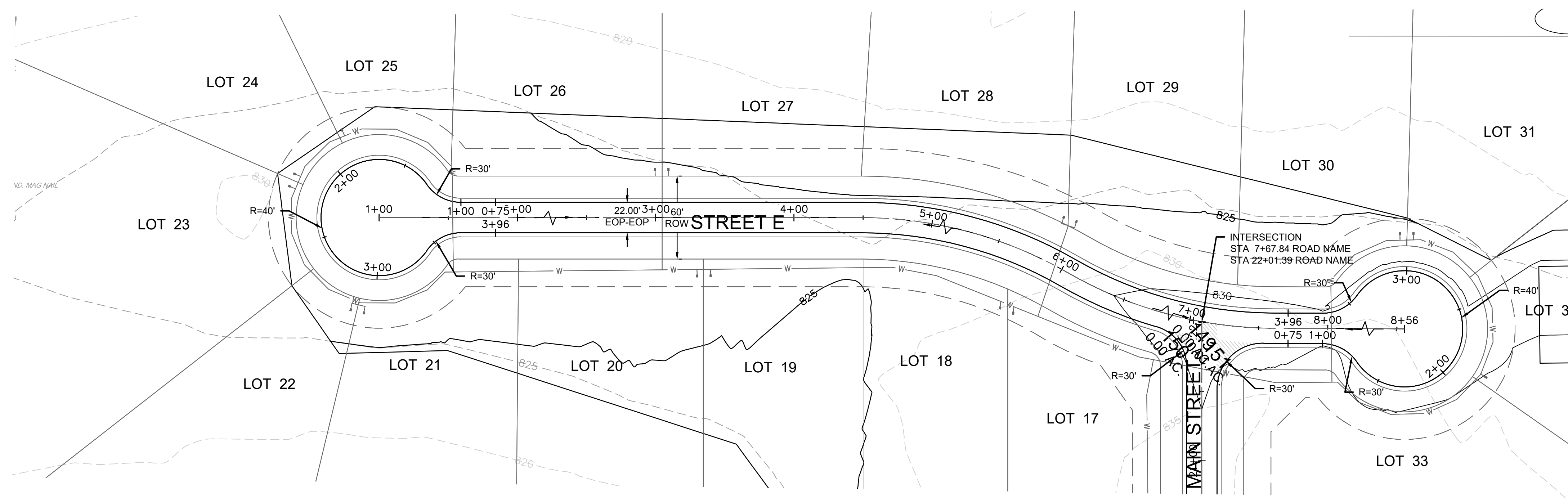
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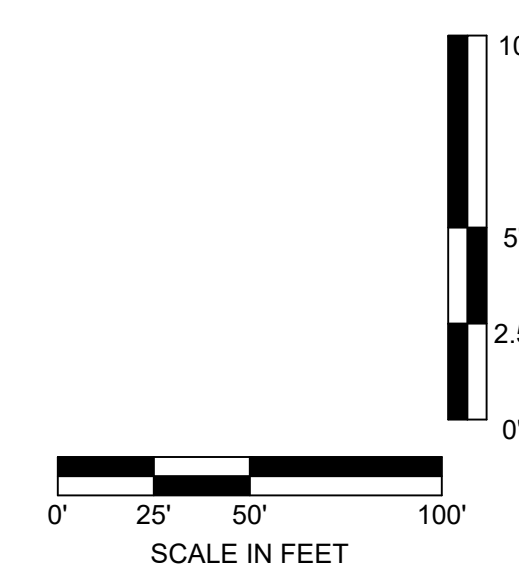
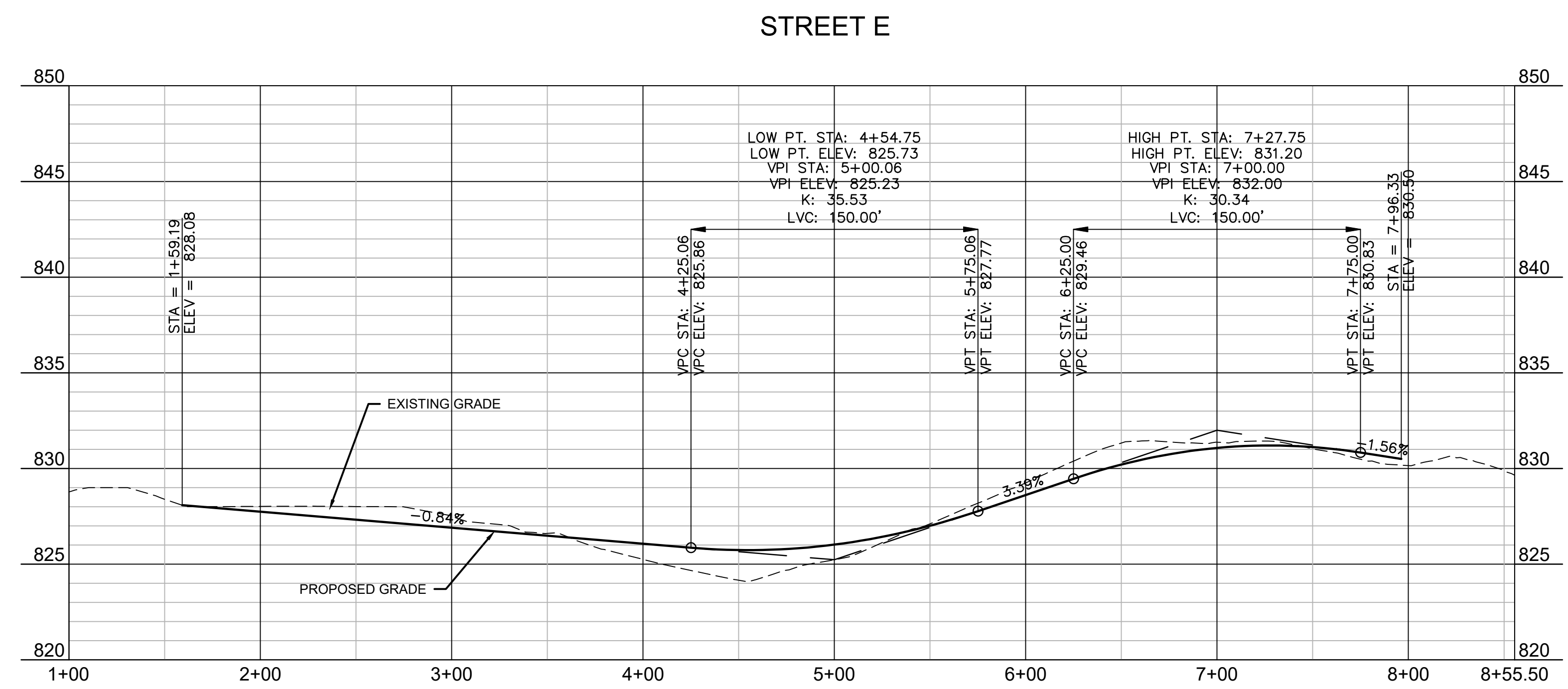
WARNING - OVERHEAD POWER LINES

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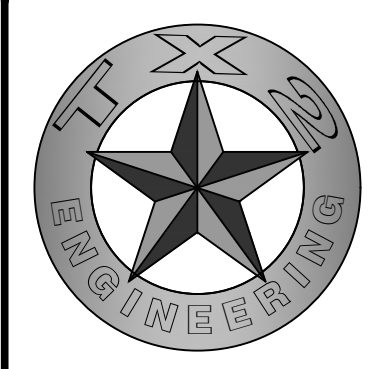


- LEGEND**
- PROPERTY LINE
 - RIGHT OF WAY
 - P-OH EXISTING OVERHEAD POWER
 - UGE EXISTING UNDERGROUND POWER
 - T EXISTING TELEPHONE CONDUIT
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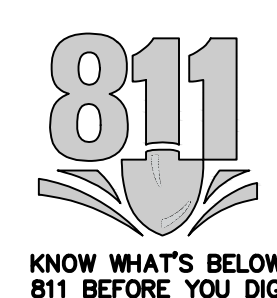
TX2 ENGINEERING
FIRM #: 20787
CONTACT:
645 FLORAL AVE, STE C
NEW BRAUNFELS, TX 78130
TEL: (830) 327-1235

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ROAD 6 PLAN AND PROFILE 1
WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132
YR: 2025

REVISIONS		BY
REV.	DATE	DESCRIPTION

DRAWN BY: TNT
QA/QC BY: TNT
PROJECT NO.: ###-###
PERMIT #:



C5.7



TX2 ENGINEERING
FIRM #: 20787

CONTACT:

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NEW BRAUNFELS, TX 78130

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EXISTING DRAINAGE CALCULATIONS

WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132

YR: 2025

Composite Curve Number - EDA-1		
Cover Description	Area (ac)	Curve Number (Hydrologic Soil Group D)
Paved parking lots, roofs, driveways, etc. (excluding right of way)	0	98
Good condition (grass cover 75%)	26.11	80
Total	26.11	80

Composite Curve Number - EDA-2		
Cover Description	Area (ac)	Curve Number (Hydrologic Soil Group D)
Paved parking lots, roofs, driveways, etc. (excluding right of way)	0	98
Good condition (grass cover 75%)	12.68	80
Total	12.68	80

Composite Curve Number - EDA-3		
Cover Description	Area (ac)	Curve Number (Hydrologic Soil Group D)
Paved parking lots, roofs, driveways, etc. (excluding right of way)	0	98
Good condition (grass cover 75%)	11.24	80
Total	11.24	80

Composite Curve Number - EDA-4		
Cover Description	Area (ac)	Curve Number (Hydrologic Soil Group D)
Paved parking lots, roofs, driveways, etc. (excluding right of way)	0	98
Good condition (grass cover 75%)	9.31	80
Total	9.31	80

Composite Curve Number - EDA-5		
Cover Description	Area (ac)	Curve Number (Hydrologic Soil Group D)
Paved parking lots, roofs, driveways, etc. (excluding right of way)	0	98
Good condition (grass cover 75%)	9.57	80
Total	9.57	80

Assumptions:	
Mannings n (Sheet) (Grass):	0.17
Mannings n (Sheet) (asphalt):	0.016
Mannings n (Channel/ Storm):	0.045
Sheet Flow Length (Max)	100 L.F
ToC (Min.)	10 Min
P ₂ = 2-Year, 24-Hour Storm	4.08 in.

Time of Concentration (ToC) Calculations

$$T_{(t_{\text{Shall}})} = \frac{L}{(60 * 20.3282 * S^{0.5})}$$

Paved:

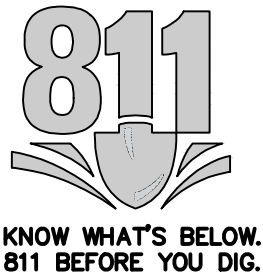
$$T_{(t_{\text{Sheet}})} = \frac{0.007 (n * L)^{0.8}}{(P_2^{0.5})(S^{0.4})} * 60$$

$$T_{(t_{\text{Chan}})} = \sum \left(\frac{L_i}{60 V_i} \right)$$

UnPaved:

$$T_{(t_{\text{Shall}})} = \frac{L}{(60 * 16.1345 * S^{0.5})}$$

Drainage Basin ID	Sheet					Shallow Concentrated Flow						Channel or Storm Drain Flow								Total	
	Elev. Up	Elev. Down	Length (L) (ft)	Slope (S) (%)	T _(t-Sheet) (min.)	Elev. Up	Elev. Down	Length (L) (ft)	Slope (S) (%)	Paved/ UnPaved	T _(t-Shall.) (min.)	Elev. Up	Elev. Down	Length (L) (ft)	Slope (S) (%)	X-Sectional Area (ft²)	Wetted Perimeter (ft)	Velocity (ft/s)	T _(t-Chan.) (min.)	ToC (min.)	
EDA1	835.00	833.92	100	1.08%	12.27	833.92	782.95	578.01	8.82%	UnPaved	2.01	782.95	740.03	1308.16	3.28%	41	34.5	6.71	3.25	17.53	
EDA2	835.00	833.42	100	1.58%	10.54	833.42	819.00	254.29	5.67%	UnPaved	1.10	819.00	814.00	538.83	0.93%	53.21	75.4	2.52	3.56	15.20	
EDA3	835.00	833.26	100	1.74%	10.14	833.26	793.00	627.79	6.41%	UnPaved	2.56	793.00	775.50	371.28	4.71%	35.48	45.24	6.10	1.01	13.72	
EDA4	814.19	812.53	100	1.66%	10.33	812.53	779.00	391.66	8.56%	UnPaved	1.38	779.00	762.26	295.66	5.66%	35.48	45.24	6.68	0.74	12.45	
EDA5	803.78	800.24	100	3.54%	7.63	800.24	751.32	807.76	6.06%	UnPaved	3.39									11.02	



C6.1



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YR: 2025

PROPOSED DRAINAGE CALCULATIONS

WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132

Composite Curve Number - PDA-5		
Cover Description	Area (ac)	Curve Number (Hydrologic Soil Group D)
Paved parking lots, roofs, driveways, etc. (excluding right of way)	0.98	98
Good condition (grass cover 75%)	5.34	80
Total	6.32	83

STORMWATER DISCHARGE - AP5			
STORM EVENT	PREDEVELOPMENT Q (cfs)	POSTDEVELOPMENT Q (cfs)	NET CHANGE (cfs)
2YR	19.65	14.54	-5.11
5YR	30.97	22.18	-8.79
10YR	42.42	29.79	-12.63
25YR	60.21	41.53	-18.68
50YR	76.14	51.99	-24.15
100YR	94.40	63.96	-30.44

STORMWATER DISCHARGE - AP3, AP4, AP5						
STORM EVENT	PREDEVELOPMENT Q (cfs)	POSTDEVELOPMENT Q (cfs)	POSTDEVELOPMENT Q (cfs)	NET CHANGE (cfs)	NET CHANGE (cfs)	
		PRE-DETENTION	POST-DETENTION	PRE-DETENTION	POST-DETENTION	
2YR	61.85	79.26	60.05	17.41	-1.80	
5YR	97.49	119.09	90.66	21.60	-6.83	
10YR	133.50	158.60	121.25	25.10	-12.25	
25YR	189.51	219.41	168.91	29.90	-20.60	
50YR	239.65	273.57	211.67	33.92	-27.98	
100YR	297.11	335.53	260.79	38.42	-36.32	

Assumptions:	
Mannings n (Sheet) (Grass):	0.17
Mannings n (Sheet):	0.016
Mannings n (Channel/ Storm):	0.045
Sheet Flow Length (Max)	100 L.F
ToC (Min.)	10 Min
P ₂ = 2-Year, 24-Hour Storm	4.08 in.

Time of Concentration (ToC) Calculations

$$T_{(t_Sheet)} = \frac{0.007 (n * L)^{0.8}}{(P_2^{0.5})(S^{0.4})} * 60$$

$$\text{Paved: } T_{(t - \text{Shall})} = \frac{L}{(60 + 20.3282 + S^{0.5})}$$

$$\text{UnPaved: } T_{(t_{\text{shall}})} = \frac{L}{(60 + 16.1345 * S^{0.5})}$$

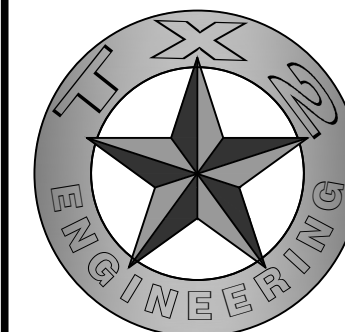
$$T_{(t_Channel)} = \sum (\frac{L_i}{60Vi})$$

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DRAWN BY:	TNT
QA/QC BY:	TNT
PROJECT NO.:	###-####
PERMIT #:	

C6.3

SHEET



TX2 ENGINEERING
FIRM #: 20787

CONTACT:
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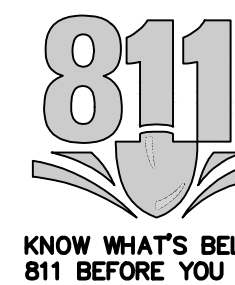
YR: 2025

INUNDATION PLAN

WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132

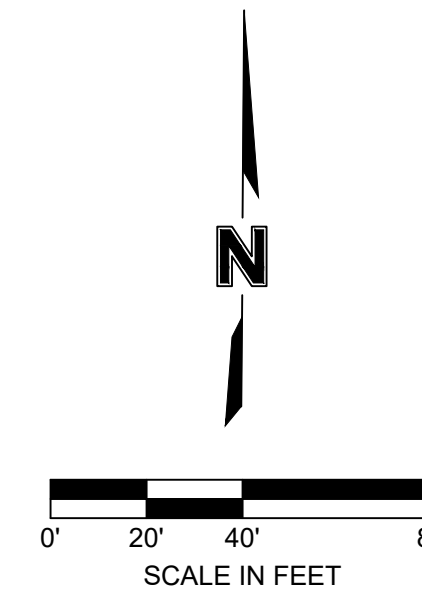
REVISIONS		BY
REV.	DESCRIPTION	

DRAWN BY: TNT
QA/QC BY: TNT
PROJECT NO.: ###-###
PERMIT #:



C6.4

SHEET



LEGEND

---	PROPERTY LINE
---	RIGHT OF WAY
P-OH	EXISTING OVERHEAD POWER
UGE	EXISTING UNDERGROUND POWER
T	EXISTING TELEPHONE CONDUIT
CATV	EXISTING CABLE TELEVISION CONDUIT
FO	EXISTING FIBER OPTIC CONDUIT
G	EXISTING NATURAL GAS SERVICE
W	EXISTING WATER SERVICE
---	EXISTING STORM SEWER
-610-	EXISTING MAJOR CONTOUR
-611-	EXISTING MINOR CONTOUR
610	PROPOSED MAJOR CONTOUR
611	PROPOSED MINOR CONTOUR
---	PROPOSED LOT LINE
---	PROPOSED CENTERLINE
---	PROPOSED BUILDING SETBACK LINE
---	PROPOSED EASEMENT LINE
---	DRAINAGE AREA
---	TIME OF CONCENTRATION PATH

NOTES:

- ALL UTILITY SYMBOLS SHOWN REPRESENT APPROXIMATE LOCATIONS UNLESS OTHERWISE NOTED. CONTRACTOR SHALL REFER TO THE APPROPRIATE AGENCY'S STANDARD SPECIFICATIONS AND INSTALLATION DETAILS FOR ACTUAL LOCATIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE TEXAS ONE CALL CENTER, AND FIELD VERIFY EXACT LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

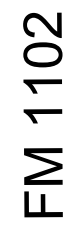
KEYNOTES XX-X

- 01 100-YEAR FLOOD PLAIN INUNDATION BOUNDARY
- 02 2 - 54" RCP CULVERTS WITH CONCRETE HEADWALLS PER COMAL COUNTY SPECIFICATIONS

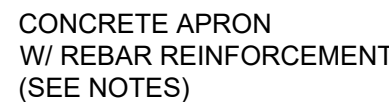
WARNING - OVERHEAD POWER LINES

CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THE VICINITY OF OVERHEAD POWER LINES.





UTFALL DETAIL (PROFILE)



- ## THE PILOT DETAIL



- ### POND OUTLET DESIGN



- PROPOSED HEAVY DUTY ASPHALT

- PROPOSED CONCRETE PAVEMENT/ASPHALT

- PROPOSED BUILDING

GR = FINISHED GRADE
TC = TOP OF CURB AT BACK EDGE
TP = TOP OF PAVEMENT
LFG= LOW FINISHED GRADE
HFG= HIGH FINISHED GRADE
M/E = MATCH EXISTING

01 DETENTION POND
02 OUTFALL STRUCTURE (SEE DETAILS THIS SHEET)
03 ROCK RIP RAP ($D_{50}=6"$)
04 CONCRETE PILOT CHANNEL

CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THE VICINITY OF OVERHEAD POWER LINES.



CONTACT

645 FLORAL AVE, STE C
NEW BRAUNFELS, TX 78130

TEL: (830) 327-1235

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PROPOSED DETENTION POND 2 PLAN

WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132

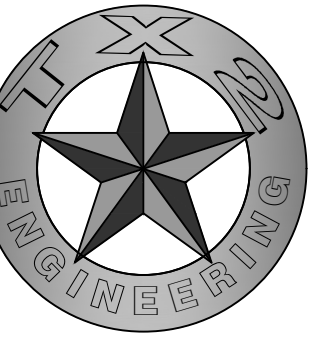
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PROJECT NO.:	###-###
PERMIT #:	

C6.7

SHEET



TX2 ENGINEERING
FIRM #: 20787

CONTACT:

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NEW BRAUNFELS, TX 78130

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PROPOSED PIPE RESTRAINTS

WESTRIDGE SINGLE FAMILY
6821 FM 1102
NEW BRAUNFELS, TX 78132

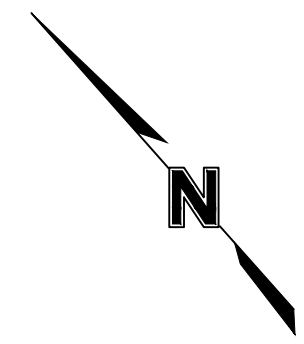
REVISIONS

REV.	DATE	DESCRIPTION	BY

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PROJECT NO.: ###-###
PERMIT #:

C7.1

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0' 50' 100' 200'
SCALE IN FEET

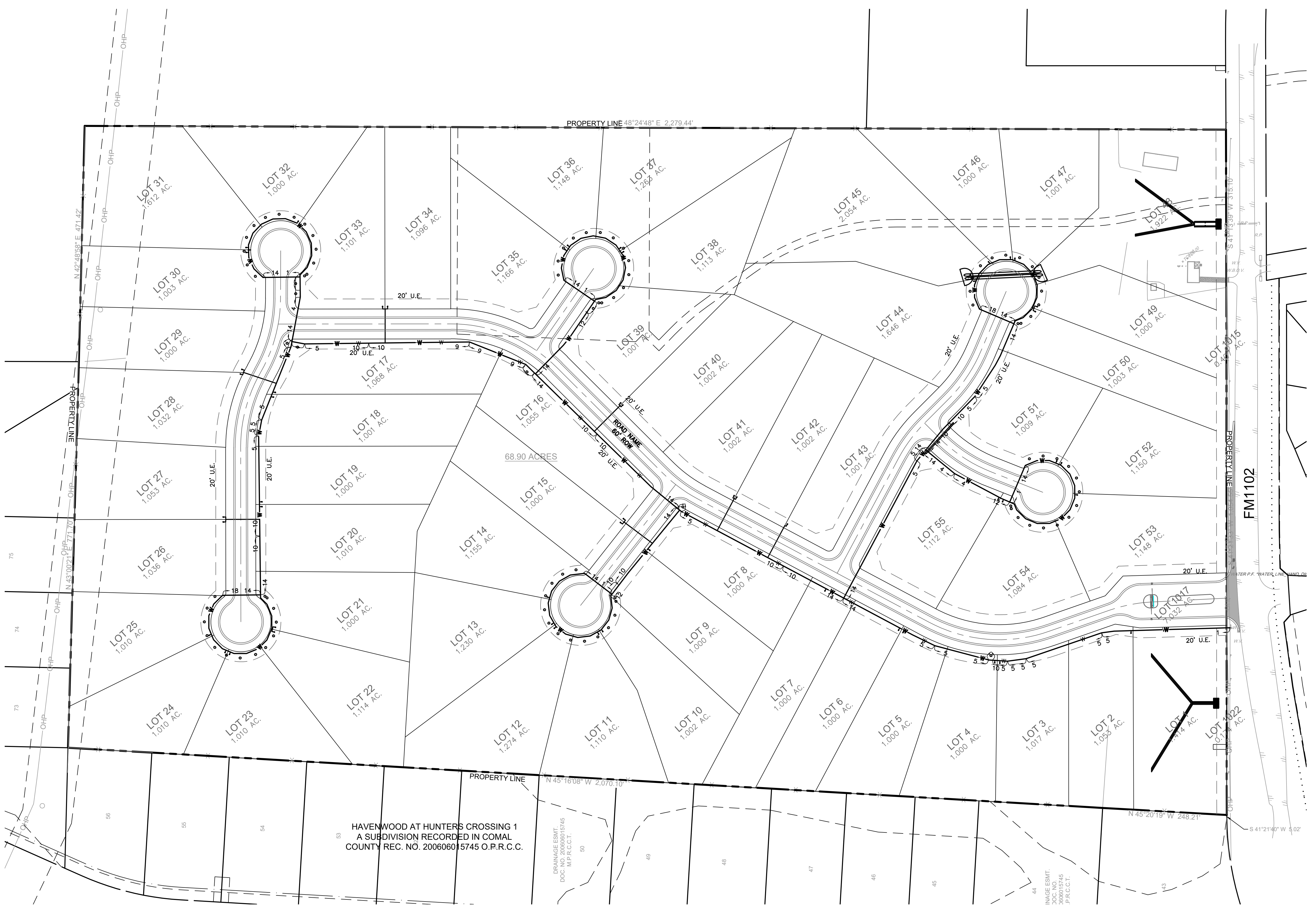
LEGEND

- EXIST 1/2" IRON ROD FOUND (UNLESS NOTED)
- EXIST 1/2" IRON ROD SET
- EXIST POWER POLE
- EXIST WASTEWATER MANHOLE
- EXIST WATER VALVE
- EXIST FIRE HYDRANT
- EXIST PROPERTY BOUNDARY
- EXIST ASPHALT PAVEMENT
- UTILITY EASEMENT & BUILDING SETBACK LINE
- P.D.E.
- RIGHT OF WAY
- PROPOSED CENTERLINE
- PROPOSED LOT LINE
- PROPOSED EDGE OF PAVEMENT W/RIBBON CURB AND 3' SHOULDER
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED FIRE HYDRANT
- PROPOSED VALVE
- PROPOSED AIR RELEASE VALVE
- PROPOSED DUAL WATER SERVICE
- PROPOSED SINGLE WATER SERVICE
- PROPOSED WATER LINE
- INSTALL:
1-FIRE HYDRANT ASSY
1-LINE SIZE x 6" TEE
- TYPICAL CONNECTION AT PROPOSED FIRE HYDRANTS
- PROPOSED ASPHALT PAVEMENT
- PROPOSED DRAINAGE CULVERT

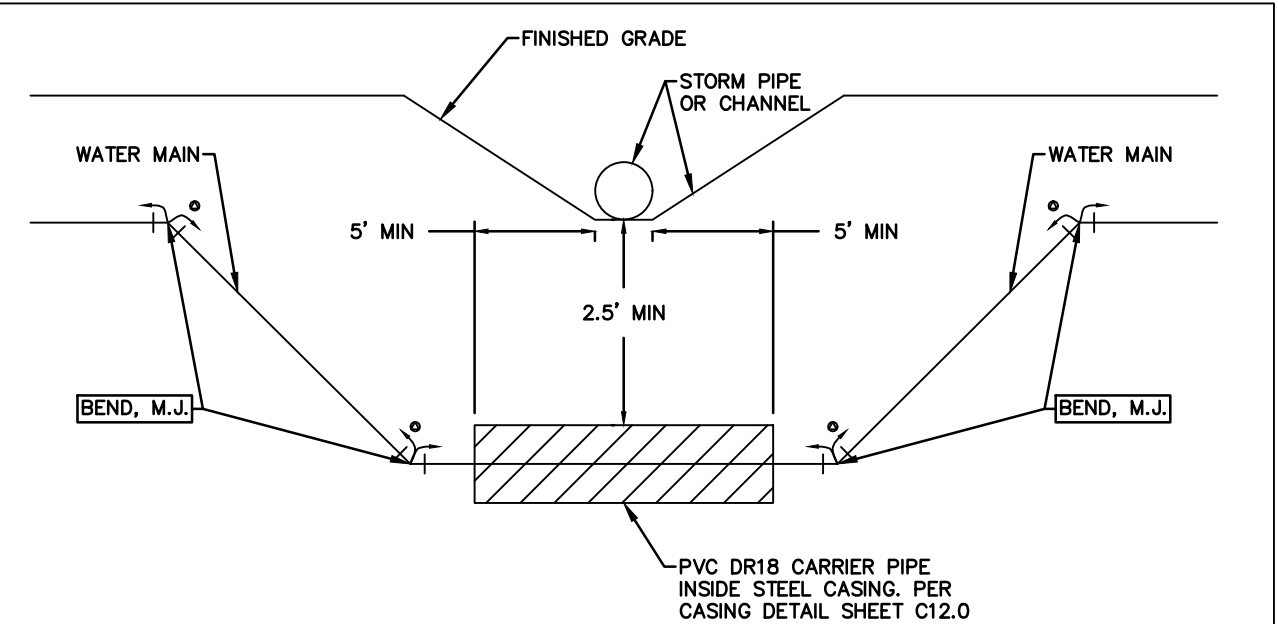
KEYNOTES

- CONNECT TO EXISTING WATER MAIN REFER TO OFFSITE WATER PLANS BY M&S ENGINEERING.
 - ENTIRE LENGTH OF PIPE TO BE RESTRAINED
- NOTES:
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE TEXAS ONE CALL CENTER PRIOR TO THE START OF ANY CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE EXACT LOCATION AND DEPTH OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK.
 - ALL UTILITY SYMBOLS SHOWN REPRESENT APPROXIMATE LOCATIONS UNLESS OTHERWISE NOTED. CONTRACTOR SHALL REFER TO THE APPROPRIATE AGENCY'S STANDARD SPECIFICATIONS AND INSTALLATION DETAILS FOR ACTUAL LOCATIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - SURVEY PROVIDED BY SUMMIT GEOMATICS, INC..
 - CONTRACTOR SHALL SATISFY HIMSELF WITH QUANTITY AND MATERIAL TYPE TO BE REMOVED AS NOTED.
 - CONTRACTOR SHALL COORDINATE UTILITY SHUT OFF AND REMOVAL/ABANDONMENT/CAPPING OF EXISTING UTILITY SERVICES FROM POINT OF CONSTRUCTION WITH UTILITY PROVIDER.
 - ANY EXISTING OSSF SHALL BE ABANDONED AND/OR REMOVED PER TECQ OR LOCAL RULES AND REQUIREMENTS.
 - ALL UTILITIES SHALL BE BURIED TO 24" OR PROVIDER SPECIFICATIONS.
 - ALL BACKFILL SHALL BE SELECT FILL PER COUNTY REQUIREMENTS.
 - ENTIRE FIRE HYDRANT ASSEMBLY SHALL BE RESTRAINED JOINTS PER CCSD STANDARDS.
 - FIRE HYDRANT LOCATION SHOWN GRAPHICALLY TO DEMONSTRATE COMPLIANCE WITH SPACING REQUIREMENTS. REFER TO FIRE HYDRANT DETAIL ON SHEET C7.2 - C7.3 FOR ACTUAL FIRE HYDRANT CONFIGURATION.

WARNING - OVERHEAD POWER LINES
CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THE VICINITY OF OVERHEAD POWER LINES.

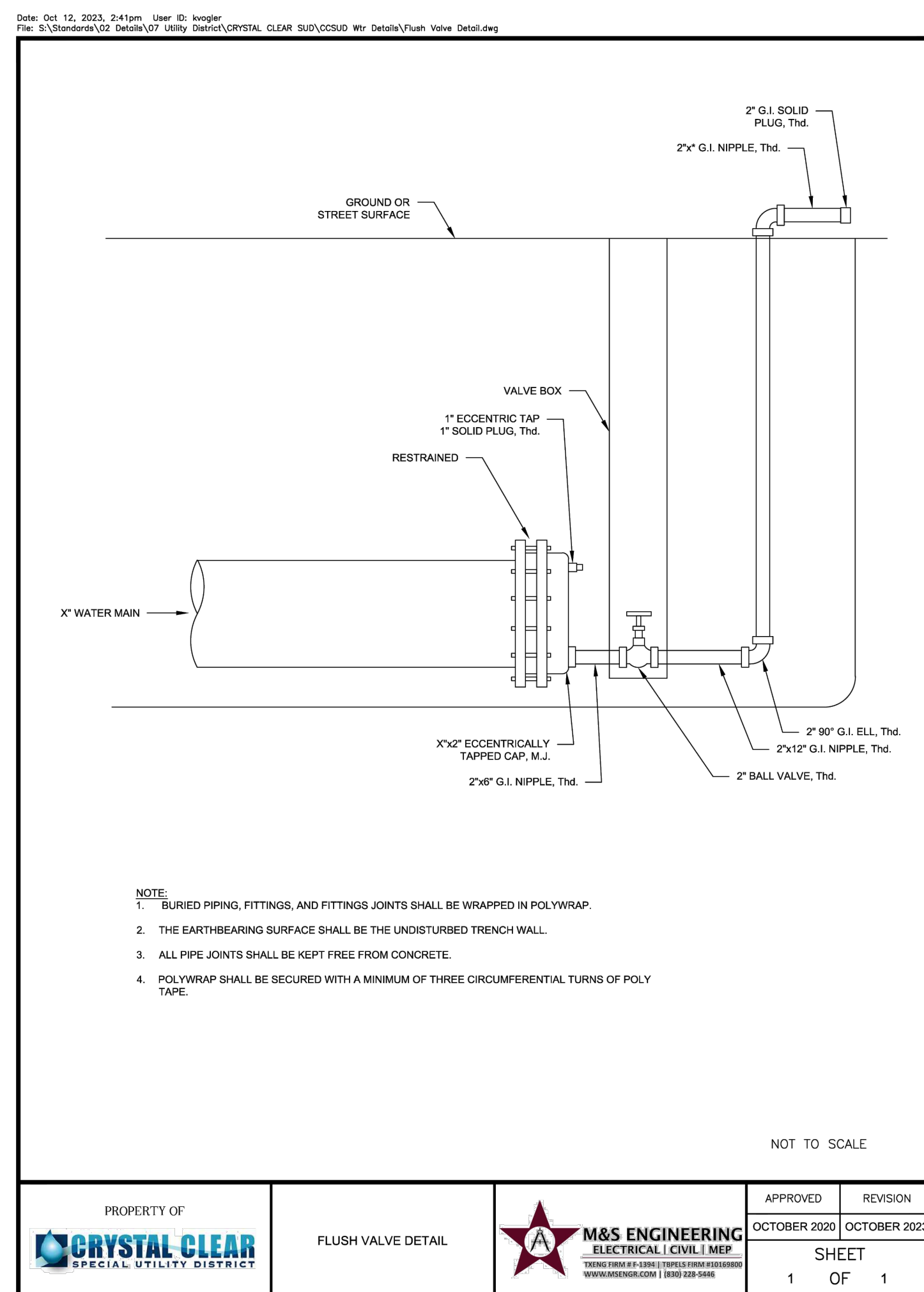
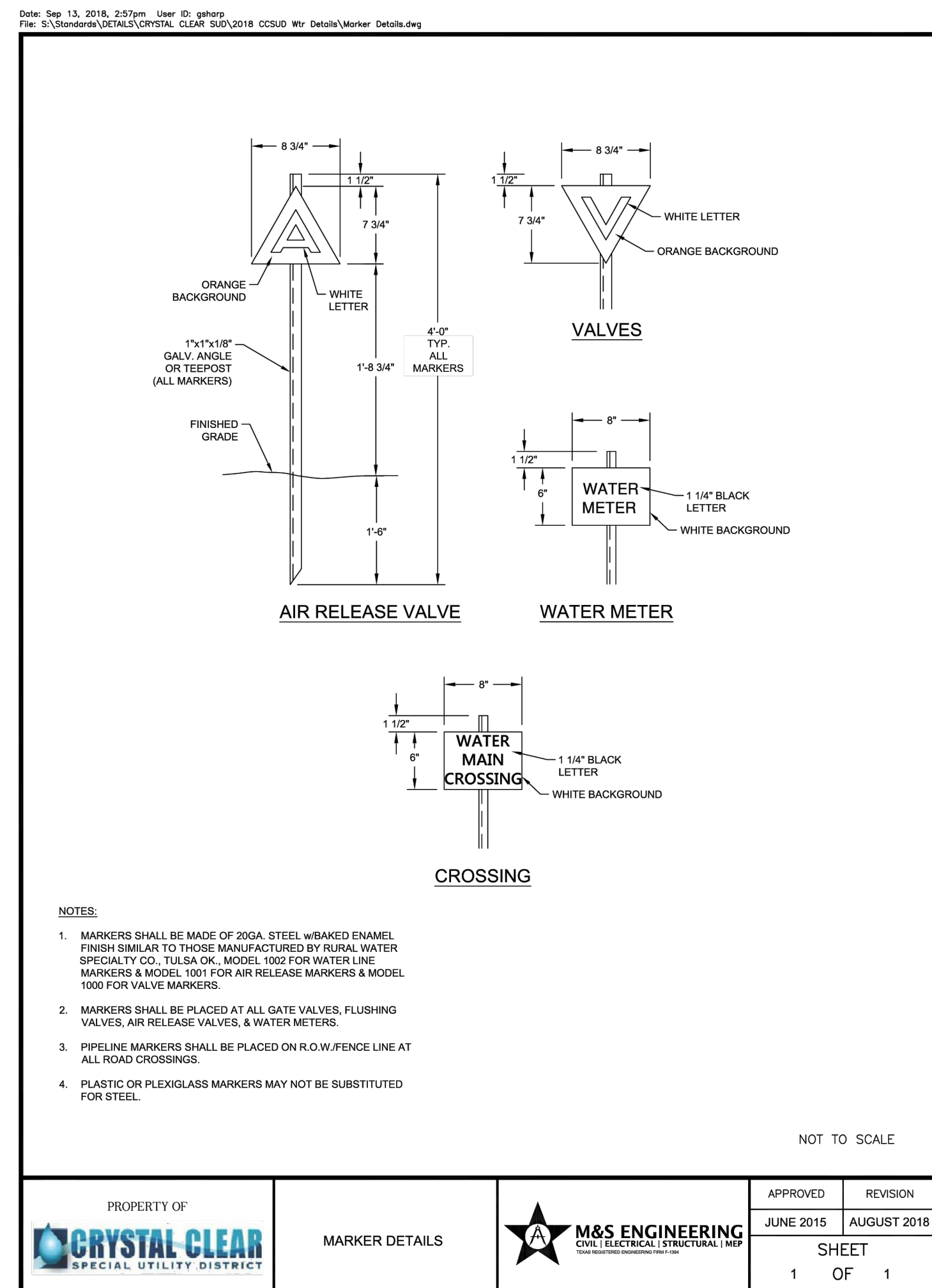
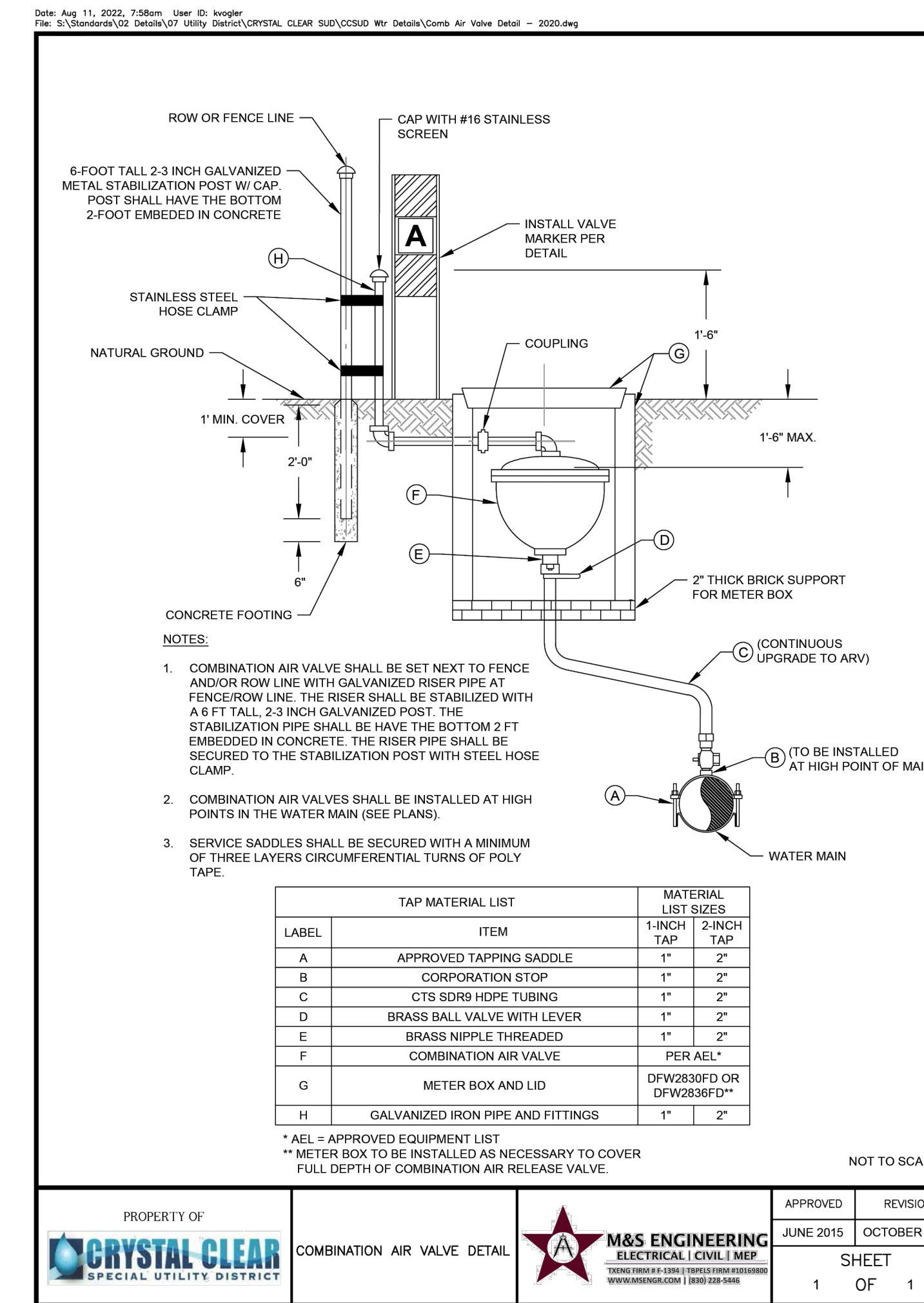


STORM PIPE OR CHANNEL WATER MAIN CROSSING REQUIREMENTS



1. THE CONTRACTOR SHALL COORDINATE PRESSURE TESTING OF NEW WATER MAINS WITH OWNER AND ENGINEER AT LEAST TWO BUSINESS DAYS PRIOR. PRESSURE TESTING REQUIREMENTS ARE INCLUDED IN THE SPECIFICATIONS.
2. ALL WATER MAINS SHALL BE DISINFECTED PER AWWA AND TCEQ STANDARDS.
3. THE CONNECTION LOCATIONS LISTED IN THE PLANS ARE BASED ON BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL FIELD LOCATE EXISTING WATER MAIN LOCATIONS AT ALL TIE-IN LOCATIONS TO VERIFY SIZE, ELEVATION, AND MATERIAL PRIOR TO ORDERING MATERIALS FOR CONNECTION.
4. THE CONTRACTOR SHALL MAINTAIN MINIMUM SEPARATION BETWEEN UTILITIES PER TCEQ STANDARDS.
5. WATER MAINS SHALL BE RESTRAINED WITH RESTRAINT LENGTHS OF FITTINGS SHOWN IN PLANS.
6. UNLESS OTHERWISE SPECIFIED, ALL PVC WATER MAINS SHALL BE C900/C905 DR 18, COLORED BLUE.
7. UNLESS OTHERWISE SPECIFIED, ALL DUCTILE IRON WATER MAINS SHALL BE PRESSURE CLASS 350 CONFORMING TO AWWA C150 AND AWWA C151 AND CEMENT LINED.
8. LOCATIONS OF COMBINATION AIR VALVES SHOWN ARE APPROXIMATE. INSTALL AIR RELEASE VALVES AT THE HIGH POINT IN THE WATER MAIN FOR THE LOCATIONS GIVEN.
9. THRUST BLOCKING IS REQUIRED AT ALL FITTINGS AND BENDS IN ACCORDANCE WITH THE THRUST BLOCKING DETAIL PROVIDED AND SPECIFICATION SECTION 02680 - JOINT RESTRAINTS AND THRUST BLOCKING.
10. THE OWNER SHALL SUPPLY ALL WATER NEEDED FOR CONSTRUCTION TESTING AND DISINFECTION. THE CONTRACTOR SHALL NOT BE REQUIRED TO PAY FOR THIS WATER.
11. UNLESS NOTED OTHERWISE, ALL WATER MAIN P.I.'S SHALL BE ACHIEVED USING THE WATER MAIN MANUFACTURER'S ALLOWABLE JOINT DEFLECTION.
12. WATER MAINS AND VALVES THAT ARE ABANDONED IN PLACE SHALL BE CUT AND PLUGGED PER SPECIFICATION SECTION 02500 - ABANDONMENT OF WATER INFRASTRUCTURE.
13. REMOVE ONLY VEGETATION, TREES, STUMPS, RUBBISH, AND OTHER MATERIAL NECESSARY FOR CONSTRUCTION AND DISPOSE OF OFF SITE.
14. CONSTRUCTION OF ALL CCSUD WATER UTILITY INFRASTRUCTURE MUST ADHERE TO CCSUD'S TECHNICAL SPECIFICATIONS, DETAILS AND APPROVED EQUIPMENT LIST.

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SHEET





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