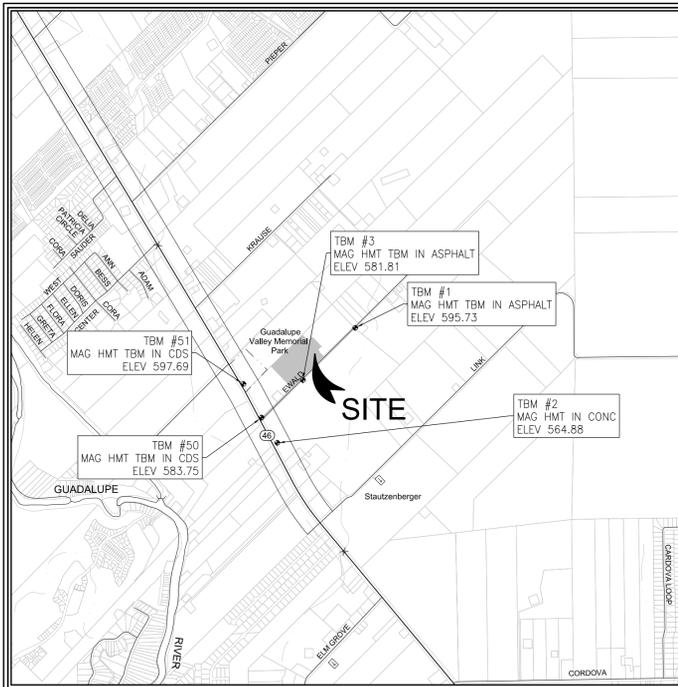


# TRINITY GROVE SUBDIVISION UNIT 1

## CIVIL SITE CONSTRUCTION PLANS

### KB HOME 4800 FREDERICKSBURG RD. SUITE 100 SAN ANTONIO, TEXAS



PROJECT LOCATION MAP SCALE: N.T.S.

#### PROJECT BENCHMARK

SITE TBM #1	SITE TBM #3	SITE TBM #51
SET MAG HMT IN ASPHALT	SET MAG HMT IN ASPHALT	SET MAG HMT TBM IN CDS
N: 13785571.9765'	N: 13784345.7043'	N: 13784254.5848'
E: 2276108.1234'	E: 2274875.2222'	E: 2273471.1630'
ELEV: 595.73'	ELEV: 581.81'	ELEV: 597.69'
SITE TBM #2	SITE TBM #50	
SET MAG HMT IN CONC	SET MAG HMT TBM IN CDS	
N: 13782871.7074'	N: 13783464.4646'	
E: 2274271.3094'	E: 2273471.1630'	
ELEV: 564.88'	ELEV: 597.69'	

#### LEGAL DESCRIPTION

BEING 48.695 ACRES OF LAND LOCATED IN THE A.M. ESNAURIZAR SURVEY, ABSTRACT NO. 20, GUADALUPE COUNTY, TEXAS, BEING THE REMAINDER OF A CALLED 50.87 ACRE TRACT OF LAND RECORDED IN VOLUME 184, PAGE 552, DEED RECORDS, GUADALUPE COUNTY, TEXAS, LESS AND EXCEPT A CALLED 0.151 OF AN ACRE TRACT OF LAND RECORDED IN VOLUME 1285, PAGE 213, OFFICIAL PUBLIC RECORDS, GUADALUPE COUNTY, TEXAS.

SPRINGS HILL SPECIAL UTILITY DISTRICT \_\_\_\_\_ Date \_\_\_\_\_

Note: The Springs Hill Special Utility District (SHSUD) signature above indicates that SHSUD has reviewed this document for general conformance with SHSUD requirements. SHSUD assumes no responsibility for the completeness and/or accuracy of these documents. Responsibility for the engineering adequacy of the facilities depicted in this document lies solely with the Texas Licensed Professional Engineer whose seal and signature is affixed to this document.

REQUIRED PERMITS	NUMBER
1. CITY OF NEW BRAUNFELS	#PI2025-0079
2. SHSUD	#
3. GBRA	#

## FEBRUARY 2026



ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER OF RECORD. IN ACCEPTING THESE PLANS, THE CITY OF NEW BRAUNFELS MUST RELY UPON THE ADEQUACY OF THE WORK OF THE ENGINEER OF RECORD.

Robert Drew Burnett P.E.  
License No. 154995

### PREPARED BY:



290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
HMTNB.COM  
(830) 625-8555  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600

#### NOTE TO CONTRACTOR:

BY THE ACT OF SUBMITTING A BID FOR THIS PROPOSED CONTRACT, THE BIDDER WARRANTS THAT THE BIDDER, AND ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS HE INTENDS TO USE HAVE CAREFULLY AND THOROUGHLY REVIEWED THE DRAWINGS, SPECIFICATIONS AND ALL OTHER CONTRACT DOCUMENTS AND HAVE FOUND THEM COMPLETE AND FREE FROM ANY AMBIGUITIES AND SUFFICIENT FOR THE PURPOSE INTENDED. THE BIDDER FURTHER WARRANTS THAT TO THE BEST OF HIS OR HIS SUBCONTRACTORS' AND MATERIAL SUPPLIERS' KNOWLEDGE, ALL MATERIALS AND PRODUCTS SPECIFIED OR INDICATED HEREIN ARE ACCEPTABLE FOR ALL APPLICABLE CODES AND AUTHORITIES.

THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS HAS BEEN BASED UPON RECORD INFORMATION ONLY AND MAY NOT MATCH LOCATIONS AND/OR DEPTHS AS CONSTRUCTED. THE CONTRACTOR SHALL CONTACT EACH OF THE INDIVIDUAL UTILITIES FOR ASSISTANCE IN DETERMINING EXISTING UTILITY LOCATIONS AND DEPTHS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UTILITY CROSSINGS PRIOR TO BEGINNING ANY CONSTRUCTION.

ANY QUANTITIES PROVIDED BY HMT OR OWNER ON THE PLANS, OPINION OF PROBABLE COST, BID SUMMARIES, ETC. ARE FOR CURSORY USE ONLY. CONTRACTOR IS RESPONSIBLE FOR BIDDING SIGNED AND SEALED CONSTRUCTION PLANS. IF A DISCREPANCY EXISTS, CONTRACTOR SHALL CONTACT ENGINEER IMMEDIATELY.

CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATION AND ELEVATION OF ALL DOWNSTREAM CONNECTION POINTS PRIOR TO CONSTRUCTION. IF A DISCREPANCY EXISTS, CONTRACTOR SHALL CONTACT ENGINEER IMMEDIATELY.

CONTRACTOR SHALL INSTALL ALL GRAVITY SEWER, GRAVITY STORM SEWER, CURBS AND PAVEMENT FROM THE MOST DOWNSTREAM POINT OF CONNECTION. IF IMPROVEMENTS ARE CONSTRUCTED FROM UPSTREAM TO DOWNSTREAM, THEN THE CONTRACTOR WILL TAKE FULL RISK AND LIABILITY OF ANY ISSUES THAT MIGHT ARISE FROM FLOWLINE ELEVATION DISCREPANCIES, UTILITY CONFLICTS, ETC.

CONTRACTOR IS RESPONSIBLE FOR THE STOCKPILING OF ANY EXCESS DIRT. ALL BIDS FROM CONTRACTOR SHOULD ACCOUNT FOR THE REMOVAL AND PLACEMENT OF ALL EARTHWORK TO INCLUDE STOCKPILING, EXPORT, IMPORT, ETC. IF A LOCATION OF PLACEMENT OF EXCESS DIRT IS NOT SHOWN ON THE PLANS, THEN CONTRACTOR SHALL CONTACT ENGINEER IMMEDIATELY TO DETERMINE THE MOST SUITABLE STOCKPILE LOCATION.

Sheet Number	Sheet Title
C0.00	COVER
C0.01	GENERAL NOTES (1 OF 2)
C0.02	GENERAL NOTES (2 OF 2)
C0.03	PLAT (1 OF 3)
C0.04	PLAT (2 OF 3)
C0.05	PLAT (3 OF 3)
C1.00	EXISTING DRAINAGE AREA MAP
C1.01	PROPOSED DRAINAGE AREA MAP
C1.02	ULTIMATE DRAINAGE AREA MAP
C2.00	EROSION CONTROL PLAN
C2.01	EROSION DETAILS
C3.00	ROSITA BEND PLAN & PROFILE
C3.01	LUCERO LN PLAN & PROFILE
C3.02	LIRIO DR PLAN & PROFILE
C3.03	THISTLE TRACE PLAN & PROFILE
C3.04	PALOMA BEND PLAN & PROFILE
C3.05	KNUCKLE PLAN & PROFILES
C3.06	INTERSECTION DETAILS
C3.07	SIGNAGE PLAN
C3.08	STREET DETAILS (1 OF 4)
C3.09	STREET DETAILS (2 OF 4)
C3.10	STREET DETAILS (3 OF 4)
C3.11	STREET DETAILS (4 OF 4)
C4.00	GRADING PLAN
C4.01	GRADING DETAILS
C5.00	OVERALL STORM
C5.01	DETENTION BASIN A
C5.02	DETENTION BASIN OUTFALL
C5.03	STORM DRAIN A PLAN & PROFILE (1 OF 2)
C5.04	STORM DRAIN A PLAN & PROFILE (2 OF 2)
C5.05	STORM DRAIN B PLAN & PROFILE (1 OF 3)
C5.06	STORM DRAIN B PLAN & PROFILE (2 OF 3)
C5.07	STORM DRAIN B PLAN & PROFILE (3 OF 3)
C5.08	STORM DRAIN C PLAN & PROFILE
C5.09	STORM DRAIN D PLAN & PROFILE
C5.10	STORM DRAINS F & G PLAN & PROFILES
C5.11	STORM DRAIN H PLAN & PROFILE (1 OF 2)
C5.12	STORM DRAIN H PLAN & PROFILE (2 OF 2)
C5.13	TEMPORARY CHANNEL 1 PLAN & PROFILE (1 OF 2)
C5.14	TEMPORARY CHANNEL 1 PLAN & PROFILE (2 OF 2)
C5.15	STORM DETAILS (1 OF 4)
C5.16	STORM DETAILS (2 OF 4)
C5.17	STORM DETAILS (3 OF 4)
C5.18	STORM DETAILS (4 OF 4)
C6.00	OVERALL WATER (1 OF 2)
C6.01	OVERALL WATER (2 OF 2)
C6.02	WATER DETAILS (1 OF 2)
C6.03	WATER DETAILS (2 OF 2)
C7.00	OVERALL WASTEWATER
C7.01	WASTEWATER LINE A PLAN & PROFILE (1 OF 2)
C7.02	WASTEWATER LINE A PLAN & PROFILE (2 OF 2)
C7.03	WASTEWATER LINE B PLAN & PROFILE
C7.04	WASTEWATER LINE C PLAN & PROFILE
C7.05	WASTEWATER LINE D PLAN & PROFILE
C7.06	WASTEWATER LINE E PLAN & PROFILE
C7.07	WASTEWATER DETAILS 1 OF 2
C7.08	WASTEWATER DETAILS 2 OF 2
C8.00	OVERALL UTILITY PLAN
C8.01	DRY UTILITY PLAN

TRINITY GROVE SUBDIVISION UNIT 1  
CIVIL SITE CONSTRUCTION PLANS

HMT # 011.041











EXISTING Conditions Hydrology Calculations - SCS Method							
Drainage Area	Area	Curve Number	T <sub>c</sub>	Q <sub>2</sub> (cfs)	Q <sub>10</sub> (cfs)	Q <sub>25</sub> (cfs)	Q <sub>100</sub> (cfs)
EX A	144.09	82.71	51.37	173.66	358.93	502.61	777.92
EX B	11.12	79.67	25.94	16.72	36.26	51.58	81.26

Point of Concentration Comparison Table				
POC A	Q <sub>2</sub> (cfs)	Q <sub>10</sub> (cfs)	Q <sub>25</sub> (cfs)	Q <sub>100</sub> (cfs)
Existing	173.66	358.93	502.61	777.92
Proposed*	163.91	351.24	493.81	766.06
Ultimate*	168.84	356.60	498.90	770.61
PROPOSED <= EXISTING?	YES	YES	YES	YES
ULTIMATE <= EXISTING?	YES	YES	YES	YES
POC B	Q <sub>2</sub> (cfs)	Q <sub>10</sub> (cfs)	Q <sub>25</sub> (cfs)	Q <sub>100</sub> (cfs)
Existing	16.72	36.26	51.58	81.26
Proposed	16.79	36.34	51.66	81.33
Ultimate**	26.04	47.50	63.72	94.69
PROPOSED <= EXISTING?	NO	NO	NO	NO
ULTIMATE <= EXISTING?	NO	NO	NO	NO

\* Refer to drainage report for detention analysis  
 \*\* Unit 3 will require detention to mitigate flows at POC B at the time of development.

**LEGEND**

- 700 — EXISTING CONTOURS
- 700 — PROPOSED CONTOURS
- B.L. — BUILDING SETBACK LINE
- U.E. — UTILITY EASEMENT
- D.E. — DRAINAGE EASEMENT
- TC — TIME OF CONCENTRATION
- A-1 — POINT OF CONCENTRATION
- ← — DRAINAGE FLOW DIRECTION
- DA — DRAINAGE AREA LABEL



290 S. CASTELL AVE., STE. 100  
 NEW BRAUNFELS, TX 78130  
 TBPELS FIRM F-10961  
 TBPELS FIRM 10153600



2/17/2026

**EXISTING DRAINAGE  
 AREA MAP**  
 TRINITY GROVE, UNIT 1  
 NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
 DRAWN BY: KWP  
 DESIGNED BY: AAO  
 REVIEWED BY: RDB  
 HMT PROJECT NO.: 011.041

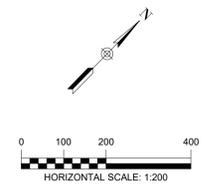
**SHEET  
 C1.00**

EXISTING Conditions Hydrology Calculations - SCS Method							
Drainage Area	Area	Curve Number	T <sub>c</sub>	Q <sub>2</sub> (cfs)	Q <sub>10</sub> (cfs)	Q <sub>25</sub> (cfs)	Q <sub>100</sub> (cfs)
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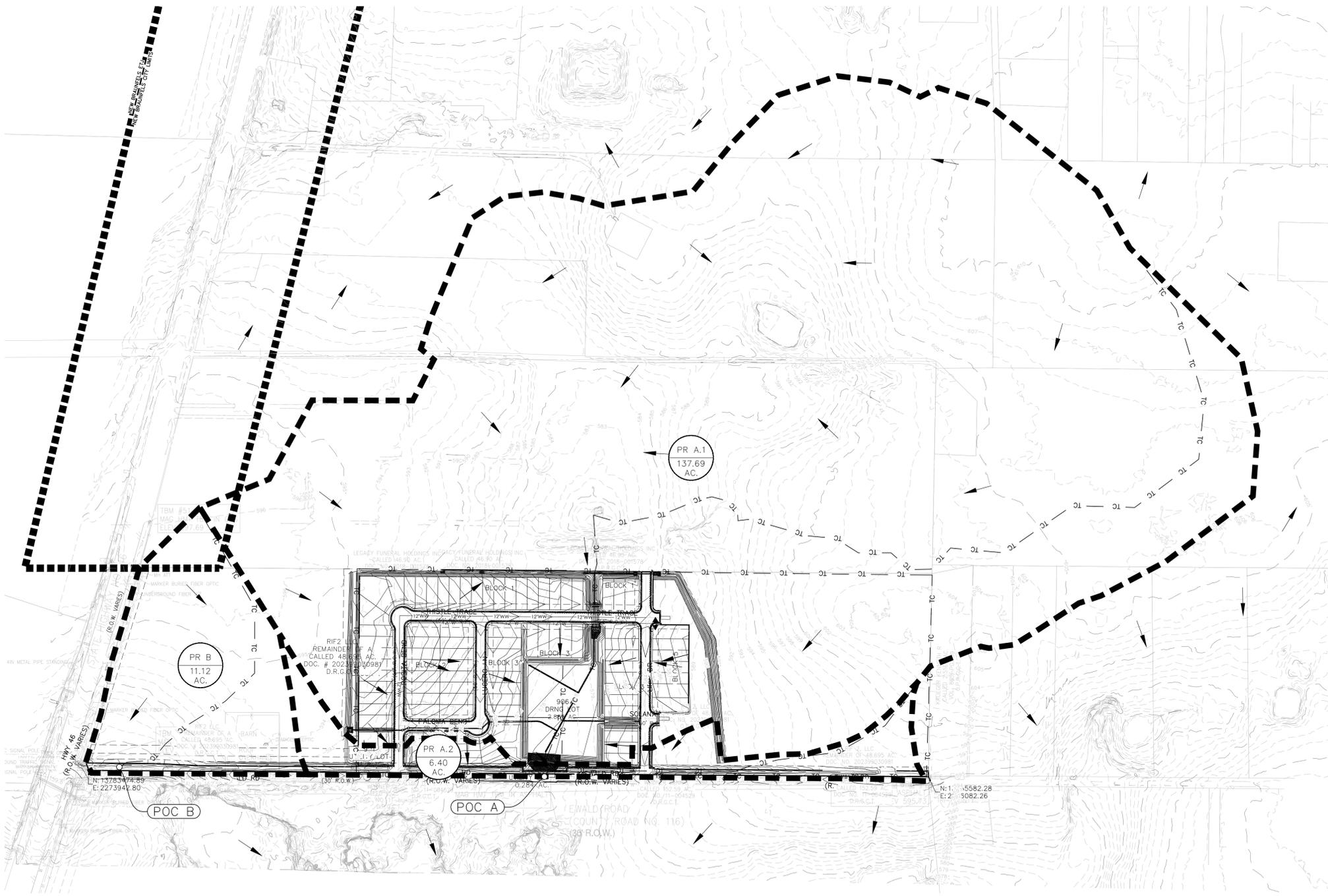
PROPOSED Conditions Hydrology Calculations - SCS Method							
Drainage Area	Area	Curve Number	T <sub>c</sub>	Q <sub>2</sub> (cfs)	Q <sub>10</sub> (cfs)	Q <sub>25</sub> (cfs)	Q <sub>100</sub> (cfs)
PR A.1	137.69	83.08	51.44	167.77	345.06	482.34	745.25
PR A.2	6.40	84.31	25.46	11.45	22.94	31.79	48.70
PR B	11.12	79.79	25.94	16.79	36.34	51.66	81.33

Point of Concentration Comparison Table				
POC A	Q <sub>2</sub> (cfs)	Q <sub>10</sub> (cfs)	Q <sub>25</sub> (cfs)	Q <sub>100</sub> (cfs)
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PROPOSED <= EXISTING?	YES	YES	YES	YES
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\* Refer to drainage report for detention analysis  
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- LEGEND**
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  - 700 --- PROPOSED CONTOURS
  - B.L. BUILDING SETBACK LINE
  - U.E. UTILITY EASEMENT
  - D.E. DRAINAGE EASEMENT
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  - TC TC TIME OF CONCENTRATION
  - A-1 POINT OF CONCENTRATION
  - DRAINAGE FLOW DIRECTION
  - DA ACRES DRAINAGE AREA LABEL



290 S. CASTELL AVE., STE. 100  
 NEW BRAUNFELS, TX 78130  
 TBPELS FIRM F-10961  
 TBPELS FIRM 10153600



2/17/2026

**PROPOSED  
 DRAINAGE AREA MAP**  
 TRINITY GROVE, UNIT 1  
 NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
 DRAWN BY: KWP  
 DESIGNED BY: AAO  
 REVIEWED BY: RDB  
 HMT PROJECT NO.: 011.041

**SHEET  
 C1.01**

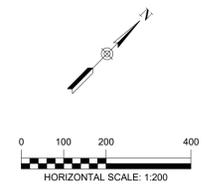
EXISTING Conditions Hydrology Calculations - SCS Method							
Drainage Area	Area	Curve Number	T <sub>c</sub>	Q <sub>2</sub> (cfs)	Q <sub>10</sub> (cfs)	Q <sub>25</sub> (cfs)	Q <sub>100</sub> (cfs)
EX A	144.09	82.71	51.37	173.66	358.93	502.61	777.92
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PROPOSED Conditions Hydrology Calculations - SCS Method							
Drainage Area	Area	Curve Number	T <sub>c</sub>	Q <sub>2</sub> (cfs)	Q <sub>10</sub> (cfs)	Q <sub>25</sub> (cfs)	Q <sub>100</sub> (cfs)
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PR A.2	6.40	84.31	25.46	11.45	22.94	31.79	48.70
PR B	11.12	79.79	25.94	16.79	36.34	51.66	81.33

ULTIMATE Conditions Hydrology Calculations - SCS Method							
Drainage Area	Area	Curve Number	T <sub>c</sub>	Q <sub>2</sub> (cfs)	Q <sub>10</sub> (cfs)	Q <sub>25</sub> (cfs)	Q <sub>100</sub> (cfs)
ULT A.1	138.56	83.72	51.44	173.13	352.07	490.13	754.27
ULT A.2	5.97	87.18	21.90	2.58	24.17	33.00	49.83
ULT B	11.12	90.85	20.64	26.04	47.50	63.72	94.69

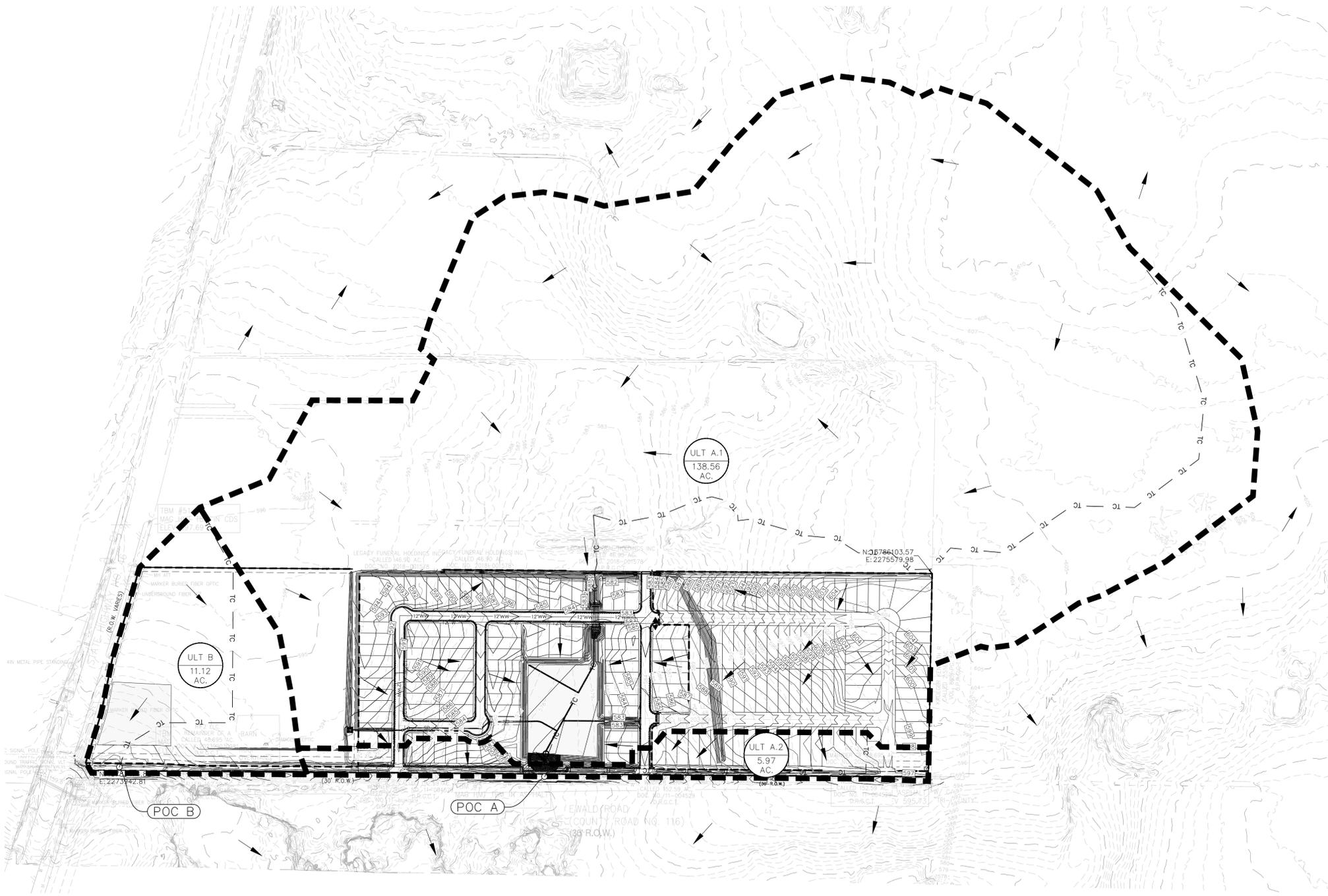
Point of Concentration Comparison Table				
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Proposed	16.79	36.34	51.66	81.33
Ultimate**	26.04	47.50	63.72	94.69
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ULTIMATE <= EXISTING?	NO	NO	NO	NO

\* Refer to drainage report for detention analysis  
 \*\* Unit 3 will require detention to mitigate flows at POC B at the time of development.



**LEGEND**

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- 700 --- PROPOSED CONTOURS
- B.L. BUILDING SETBACK LINE
- U.E. UTILITY EASEMENT
- D.E. DRAINAGE EASEMENT
- DA --- DRAINAGE AREA
- TC TC TIME OF CONCENTRATION
- A-1 POINT OF CONCENTRATION
- ← DRAINAGE FLOW DIRECTION
- DA ACRES DRAINAGE AREA LABEL



Drawing Name: N:\Projects\011 - HB Homes\011.041 - Trinity Grove Unit 1\CDs - Unit 1\011.041 - DRNG.dwg User: alle-d Feb 17, 2026 - 8:21am

290 S. CASTELL AVE., STE. 100  
 NEW BRAUNFELS, TX 78130  
 TBPELS FIRM F-10961  
 TBPELS FIRM 10153600

ROBERT DREW BURNETTE  
 15495  
 LICENSED PROFESSIONAL ENGINEER  
 State of Texas

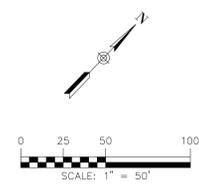
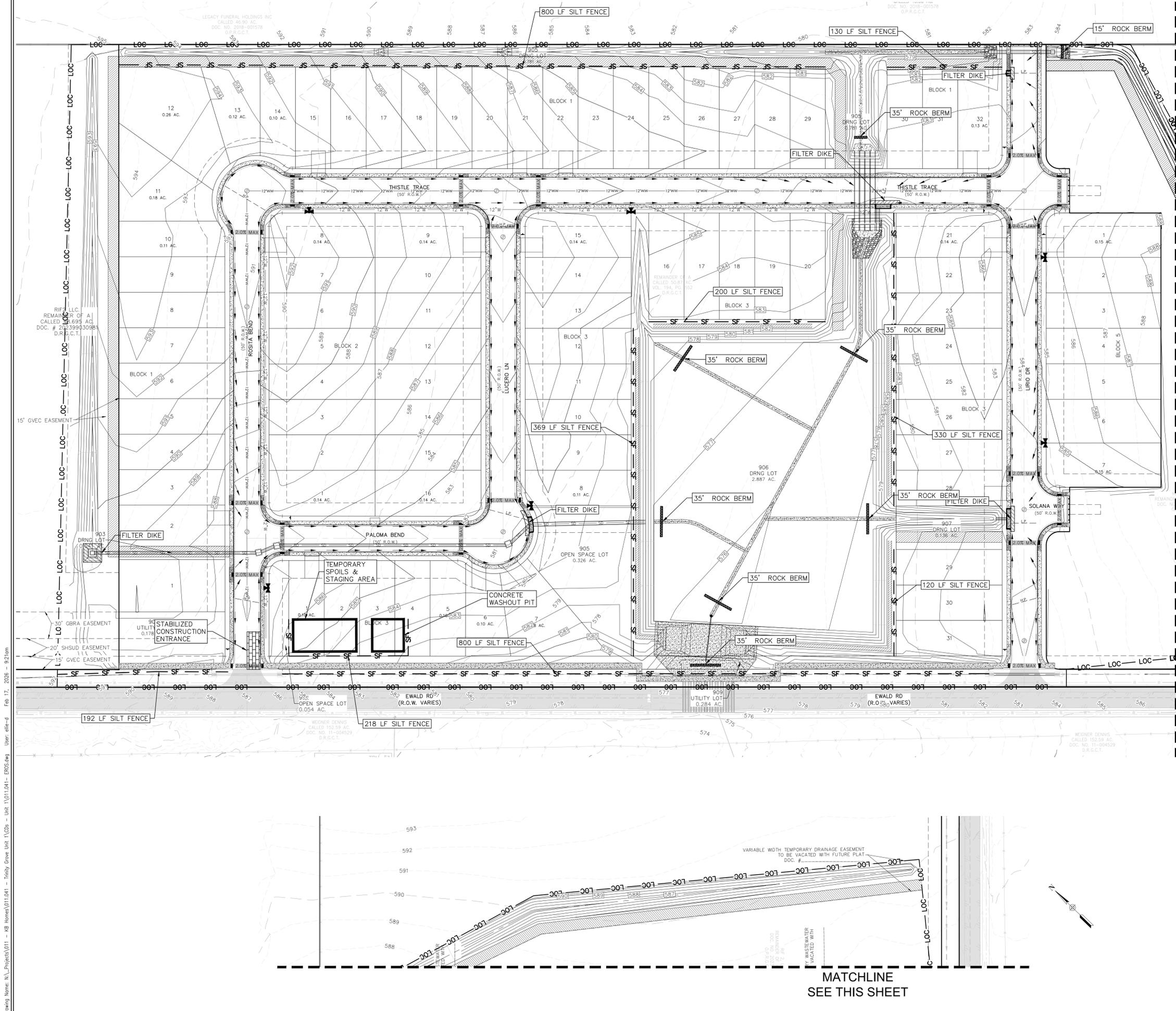
2/17/2026

**ULTIMATE DRAINAGE  
 AREA MAP**  
 TRINITY GROVE, UNIT 1  
 NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
 DRAWN BY: KWP  
 DESIGNED BY: AAO  
 REVIEWED BY: RDB  
 HMT PROJECT NO.: 011.041

**SHEET  
 C1.02**



MATCHLINE  
SEE THIS SHEET

- LEGEND**
- 700 — EXISTING CONTOURS
  - 700 — PROPOSED CONTOURS
  - B.L. BUILDING SETBACK LINE
  - U.E. UTILITY EASEMENT
  - D.E. DRAINAGE EASEMENT
  - DRAINAGE FLOW DIRECTION
  - SF — SF — SILT FENCE
  - LOC — LOC — LIMIT OF CONSTRUCTION
  - [BRICK PATTERN] STABILIZED CONSTRUCTION ENTRANCE
  - [HATCHED] FILTER DIKE CURB INLET PROTECTION
  - [DIAGONAL HATCH] ROCK BERM

**NOTE:**

PER TPDES REQUIREMENTS, DISTURBED AREAS ON WHICH CONSTRUCTION ACTIVITIES HAVE CEASED (TEMPORARILY OR PERMANENT) SHALL BE STABILIZED WITHIN 14 DAYS UNLESS ACTIVITY RESUMES WITHIN 21 DAYS. SEEDING DOES NOT CONSTITUTE AS STABILIZATION.

SILT FENCE AT PROPERTY LINE MAY BE SHOWN GRAPHICALLY OFFSET FROM PROPERTY LINE TO AVOID OVERLAP OF LINEWORK. CONTRACTOR SHALL NOT INSTALL EROSION CONTROL MEASURES BEYOND LIMITS OF CONSTRUCTION REGARDLESS OF GRAPHIC REPRESENTATION.

- SEQUENCE OF CONSTRUCTION**
1. INSTALL EROSION CONTROLS PER APPROVED PLAN.
  2. TEMPORARY CONTROLS TO BE INSPECTED AND MAINTAINED WEEKLY AND PRIOR TO ANTICIPATED RAINFALL EVENTS, AND AFTER RAINFALL EVENTS, AS NEEDED. CONTRACTOR/OWNER SHALL PROVIDE A CONTACT NAME AND NUMBER FOR EROSION CONTROL ISSUES.
  3. CONDUCT DEMOLITION ACTIVITIES, IF APPLICABLE.
  4. CONSTRUCT DRAINAGE IMPROVEMENTS, IF APPLICABLE.
  5. CONSTRUCT CURB INLET PROTECTION AT THE TIME OF CURB INLET INSTALLATION.
  6. CONSTRUCT DEVELOPMENT PER APPROVED PLANS.
  7. INSTALL STREETScape AND/OR LANDSCAPING IMPROVEMENTS.
  8. CONTRACTOR TO VEGETATE ANY DISTURBED AREAS ONCE FINAL GRADING IS COMPLETE, AND ESTABLISH A MIN OF 70% VEGETATION PRIOR TO COMPLETION. PER TPDES REQUIREMENTS, DISTURBED AREAS ON WHICH CONSTRUCTION ACTIVITIES HAVE CEASED (TEMPORARILY OR PERMANENTLY) SHALL BE STABILIZED WITHIN 14 DAYS UNLESS ACTIVITY RESUMES WITHIN 21 DAYS. SEEDING DOES NOT CONSTITUTE AS STABILIZATION.
  9. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES.

Drawing Name: N:\Projects\011 - RB Homes\011.041 - Trinity Grove Unit 1\CDs - Unit 1\011.041 - EROS.dwg User: ellie-d Feb 17, 2026 - 8:21am

290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

**EROSION CONTROL PLAN**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB  
HMT PROJECT NO.: 011.041

**SHEET**  
**C2.00**

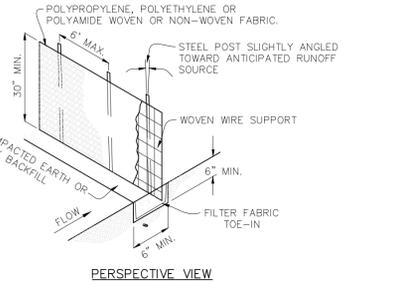
THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES 24-HOURS PRIOR TO COMMENCING CONSTRUCTION.

MATCHLINE  
SEE THIS SHEET

**SILT FENCE**

- MATERIALS:**
- SILT FENCE MATERIAL SHOULD BE POLYPROPYLENE, POLYETHYLENE OR POLYAMIDE WOVEN OR NONWOVEN FABRIC. THE FABRIC WIDTH SHOULD BE 36 INCHES, WITH A MINIMUM UNIT WEIGHT OF 4.5 OZ/YD, MULLEN BURST STRENGTH EXCEEDING 190 LB/IN<sup>2</sup>, ULTRAVIOLET STABILITY EXCEEDING 70%, AND MINIMUM APPARENT OPENING SIZE OF U.S. SIEVE NO. 30.
  - FENCE POSTS SHOULD BE MADE OF HOT ROLLED STEEL, AT LEAST 4 FEET LONG WITH TEE OR YBAR CROSS SECTION, SURFACE PAINTED OR GALVANIZED, MINIMUM NOMINAL WEIGHT 1.25 LB/FT<sup>2</sup>, AND BRINELL HARDNESS EXCEEDING 140.
  - WOVEN WIRE BACKING TO SUPPORT THE FABRIC SHOULD BE GALVANIZED 2" X 4" WELDED WIRE, 12 GAUGE MINIMUM.
- INSTALLATION:**
- STEEL POSTS, WHICH SUPPORT THE SILT FENCE, SHOULD BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF 1- FOOT DEEP AND SPACED NOT MORE THAN 8 FEET ON CENTER. WHERE WATER CONCENTRATES, THE MAXIMUM SPACING SHOULD BE 6 FEET.
  - LAY OUT FENCING DOWN-SLOPE OF DISTURBED AREA, FOLLOWING THE CONTOUR AS CLOSELY AS POSSIBLE. THE FENCE SHOULD BE SITED SO THAT THE MAXIMUM DRAINAGE AREA IS 1/4 ACRE/100 FEET OF FENCE.
  - THE TOE OF THE SILT FENCE SHOULD BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWN-SLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW, WHERE FENCE CANNOT BE TRENCHED IN (E.G., PAVEMENT OR ROCK OUTCROP), WEIGHT FABRIC FLAP WITH 3 INCHES OF PEA GRAVEL ON UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
  - SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST. THERE SHOULD BE A 3-FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.
  - SILT FENCE SHOULD BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

- INSPECTION AND MAINTENANCE GUIDELINES:**
- INSPECT ALL FENCING WEEKLY, AND AFTER ANY RAINFALL.
  - REMOVE SEDIMENT WHEN BUILDUP REACHES 6 INCHES.
  - REPLACE ANY TORN FABRIC OR INSTALL A SECOND LINE OF FENCING PARALLEL TO THE TORN SECTION.
  - REPLACE OR REPAIR ANY SECTIONS CRUSHED OR COLLAPSED IN THE COURSE OF CONSTRUCTION ACTIVITY. IF A SECTION OF FENCE IS OBSTRUCTING VEHICULAR ACCESS, CONSIDER RELOCATING IT TO A SPOT WHERE IT WILL PROVIDE EQUAL PROTECTION, BUT WILL NOT OBSTRUCT VEHICLES. A TRIANGULAR FILTER DIKE MAY BE PREFERABLE TO A SILT FENCE AT COMMON VEHICLE ACCESS POINTS.
  - WHEN CONSTRUCTION IS COMPLETE, THE SEDIMENT SHOULD BE DISPOSED OF IN A MANNER THAT WILL NOT CAUSE ADDITIONAL SILTATION AND THE PRIOR LOCATION OF THE SILT FENCE SHOULD BE REVEGETATED. THE FENCE ITSELF SHOULD BE DISPOSED OF IN AN APPROVED LANDFILL.

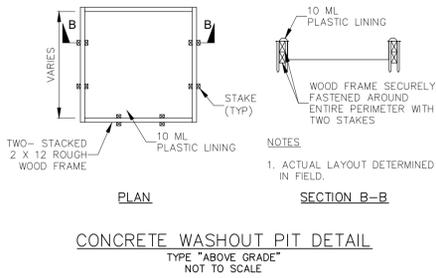


**SILT FENCE DETAIL**  
NOT TO SCALE

**CONCRETE WASHOUT AREAS**

- THE PURPOSE OF CONCRETE WASHOUT AREAS IS TO PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS TO STORMWATER FROM CONCRETE WASTE BY CONDUCTING WASHOUT OFFSITE, PERFORMING ONSITE WASHOUT IN A DESIGNATED AREA, AND TRAINING EMPLOYEES AND SUBCONTRACTORS.
- THE FOLLOWING STEPS WILL HELP REDUCE STORMWATER POLLUTION FROM CONCRETE WASTES:
- INCORPORATE REQUIREMENTS FOR CONCRETE WASTE MANAGEMENT INTO MATERIAL SUPPLIER AND SUBCONTRACTOR AGREEMENTS.
  - AVOID MIXING EXCESS AMOUNTS OF FRESH CONCRETE.
  - PERFORM WASHOUT OF CONCRETE TRUCKS IN DESIGNATED AREAS ONLY.
  - DO NOT WASH OUT CONCRETE TRUCKS INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS.
  - DO NOT ALLOW EXCESS CONCRETE TO BE DUMPED ONSITE, EXCEPT IN DESIGNATED AREAS.
- FOR ONSITE WASHOUT:
- LOCATE WASHOUT AREA AT LEAST 50 FEET FROM SENSITIVE FEATURES, STORM DRAINS, OPEN DITCHES, OR WATER BODIES. DO NOT ALLOW RUNOFF FROM THIS AREA BY CONSTRUCTING A TEMPORARY PIT OR BERMED AREA LARGE ENOUGH FOR LIQUID AND SOLID WASTE.
  - WASH OUT WASTES INTO THE TEMPORARY PIT WHERE THE CONCRETE CAN SET, BE BROKEN UP, AND THEN DISPOSED PROPERLY.

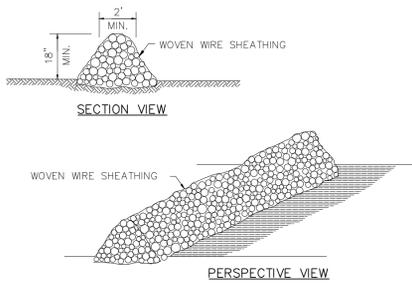
- BELOW GRADE CONCRETE WASHOUT FACILITIES ARE TYPICAL. THESE CONSIST OF A LINED EXCAVATION SUFFICIENTLY LARGE TO HOLD EXPECTED VOLUME OF WASHOUT MATERIAL. ABOVE GRADE FACILITIES ARE USED IF EXCAVATION IS NOT PRACTICAL. TEMPORARY CONCRETE WASHOUT FACILITY (TYPE ABOVE GRADE) SHOULD BE CONSTRUCTED AS SHOWN ON THE DETAILS AT THE END OF THIS SECTION, WITH SUFFICIENT QUANTITY AND VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS. PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MIL IN POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
- WHEN TEMPORARY CONCRETE WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR THE WORK, THE HARDENED CONCRETE SHOULD BE REMOVED AND DISPOSED OF. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE BACKFILLED AND REPAIRED.



**CONCRETE WASHOUT PIT DETAIL**  
TYPE "ABOVE GRADE"  
NOT TO SCALE

**ROCK BERM**

- USE ONLY OPEN GRADED ROCK 3-5" DIAMETER.
- THE ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAVING MAXIMUM 1" OPENINGS AND MINIMUM WIRE DIAMETER OF 20 GAUGE.
- THE ROCK BERM SHALL BE INSPECTED WEEKLY OR AFTER EACH RAIN, AND THE STONE AND/OR FABRIC CORE-WOVEN WIRE SHEATHING SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED, DUE TO SILT ACCUMULATION AMONG THE ROCKS, WASHOUT CONSTRUCTION TRAFFIC DAMAGE, ETC.
- WHEN SILT REACHES A DEPTH EQUAL TO 6", THE SILT WILL BE REMOVED AND DISPOSED OF IN AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CREATE A SILTATION PROBLEM.
- DAILY INSPECTION SHALL BE MADE ON SEVERE SERVICE ROCK BERMS.
- WHEN THE SITE IS COMPLETELY STABILIZED, THE BERM AND ACCUMULATED SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.



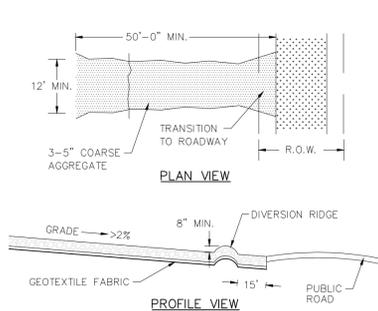
**ROCK BERM DETAIL**  
NOT TO SCALE

**STABILIZED CONSTRUCTION ENTRANCE / EXIT**

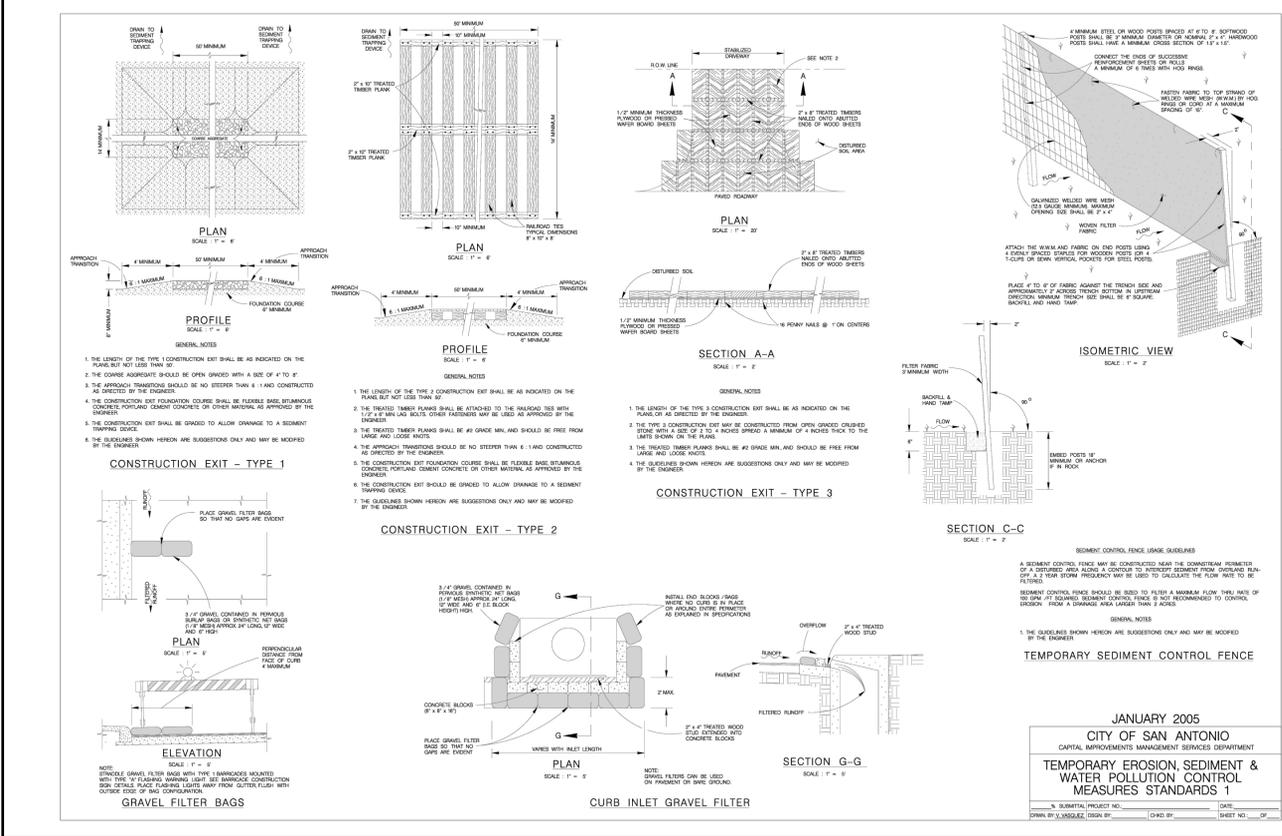
- MATERIALS:**
- THE AGGREGATE SHOULD CONSIST OF 3 TO 5 INCH WASHED STONE OVER A STABLE FOUNDATION AS SPECIFIED IN THE PLAN.
  - THE AGGREGATE SHOULD BE PLACED WITH A MINIMUM THICKNESS OF 8 INCHES.
  - THE GEOTEXTILE FABRIC SHOULD BE DESIGNED SPECIFICALLY FOR USE AS A SOIL FILTRATION MEDIA WITH AN APPROXIMATE WEIGHT OF 6 OZ/YD<sup>2</sup>, A MULLEN BURST RATING OF 140 LB/IN<sup>2</sup>, AND AN EQUIVALENT OPENING SIZE GREATER THAN A NUMBER 50 SIEVE.
  - IF A WASHING FACILITY IS REQUIRED, A LEVEL AREA WITH A MINIMUM OF 4 INCH DIAMETER WASHED STONE OR COMMERCIAL RACK SHOULD BE INCLUDED IN THE PLANS. DIVERT WASTEWATER TO A SEDIMENT TRAP OR BASIN.

- INSTALLATION:**
- AVOID CURVES ON PUBLIC ROADS AND STEEP SLOPES. REMOVE VEGETATION AND OTHER OBJECTIONABLE MATERIAL FROM THE FOUNDATION AREA. GRADE CROWN FOUNDATION FOR POSITIVE DRAINAGE.
  - THE MINIMUM WIDTH OF THE ENTRANCE/EXIT SHOULD BE 12 FEET OR THE FULL WIDTH OF EXIT ROADWAY, WHICHEVER IS GREATER.
  - THE CONSTRUCTION ENTRANCE SHOULD BE AT LEAST 50 FEET LONG.
  - IF THE SLOPE TOWARD THE ROAD EXCEEDS 2%, CONSTRUCT A RIDGE, 6 TO 8 INCHES HIGH WITH 3:1 (H:V) SIDE SLOPES, ACROSS THE FOUNDATION APPROXIMATELY 15 FEET FROM THE ENTRANCE TO DIVERT RUNOFF AWAY FROM THE PUBLIC ROAD.
  - PLACE GEOTEXTILE FABRIC AND GRADE FOUNDATION TO IMPROVE STABILITY, ESPECIALLY WHERE WET CONDITIONS ARE ANTICIPATED.
  - PLACE STONE TO DIMENSIONS AND GRADE SHOWN ON PLANS. LEAVE SURFACE SMOOTH AND SLOPE FOR DRAINAGE.
  - DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN.
  - INSTALL PIPE UNDER PAD AS NEEDED TO MAINTAIN PROPER PUBLIC ROAD DRAINAGE.

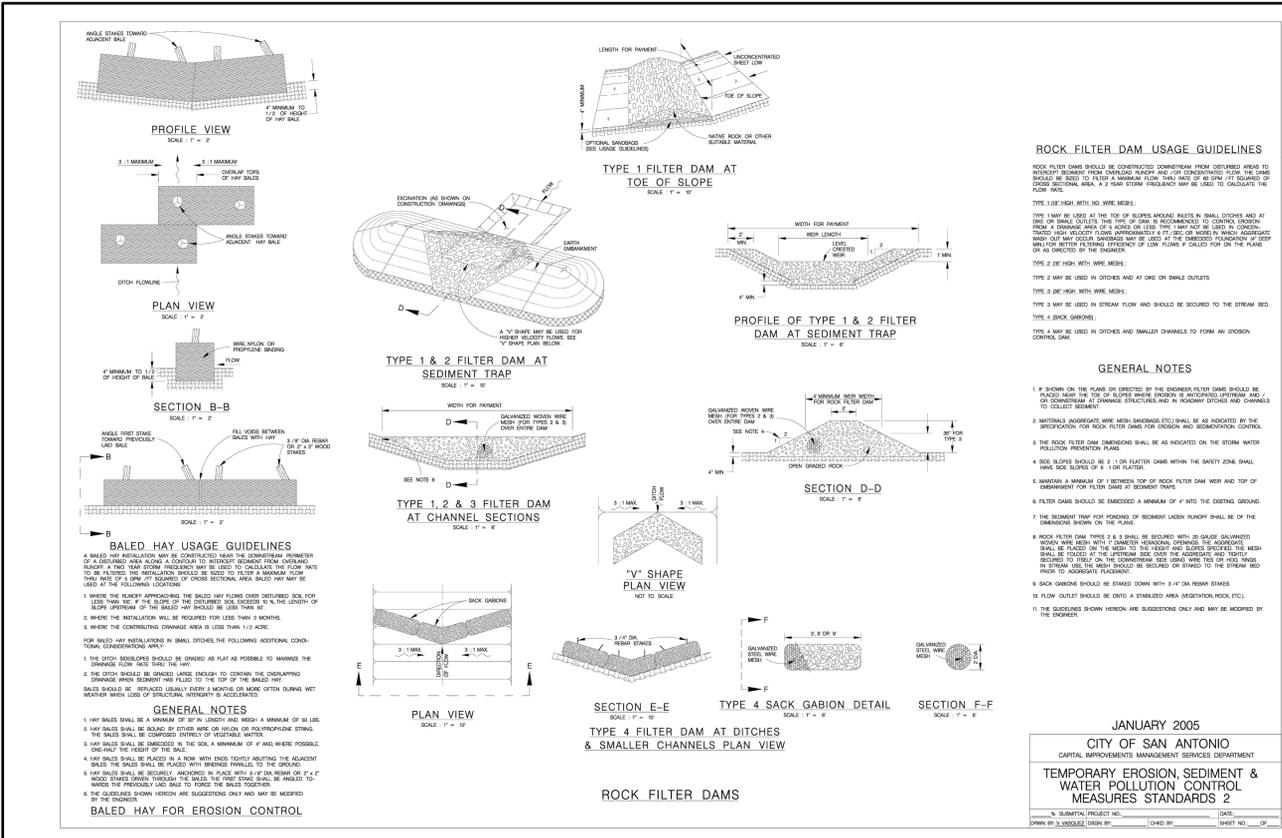
- INSPECTION AND MAINTENANCE GUIDELINES:**
- THE ENTRANCE SHOULD BE MAINTAINED IN A CONDITION, WHICH WILL PREVENT TRACKING OR LOVING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
  - ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHOULD BE REMOVED IMMEDIATELY BY CONTRACTOR.
  - WHEN NECESSARY, WHEELS SHOULD BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
  - WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
  - ALL SEDIMENT SHOULD BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATER COURSE BY USING APPROVED METHODS.



**CONSTRUCTION ENTRANCE DETAIL**  
NOT TO SCALE



JANUARY 2005  
CITY OF SAN ANTONIO  
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT  
TEMPORARY EROSION, SEDIMENT & WATER POLLUTION CONTROL MEASURES STANDARDS 1



JANUARY 2005  
CITY OF SAN ANTONIO  
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT  
TEMPORARY EROSION, SEDIMENT & WATER POLLUTION CONTROL MEASURES STANDARDS 2

THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES 24-HOURS PRIOR TO COMMENCING CONSTRUCTION.

**NBU** NEW BRAUNFELS UTILITIES WATER SYSTEMS ENGINEERING  
DRAWN BY: H. Shadrock  
APPROVED BY: [Signature]  
STANDARD DRAWING: **FILTER DIKE CURB INLET PROTECTION**  
SCALE: N.T.S.  
SHEET: 1 OF 1  
DRAWING NO: 505

290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600  
**HMT**  
ENGINEERING & SURVEYING

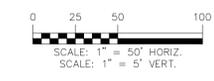
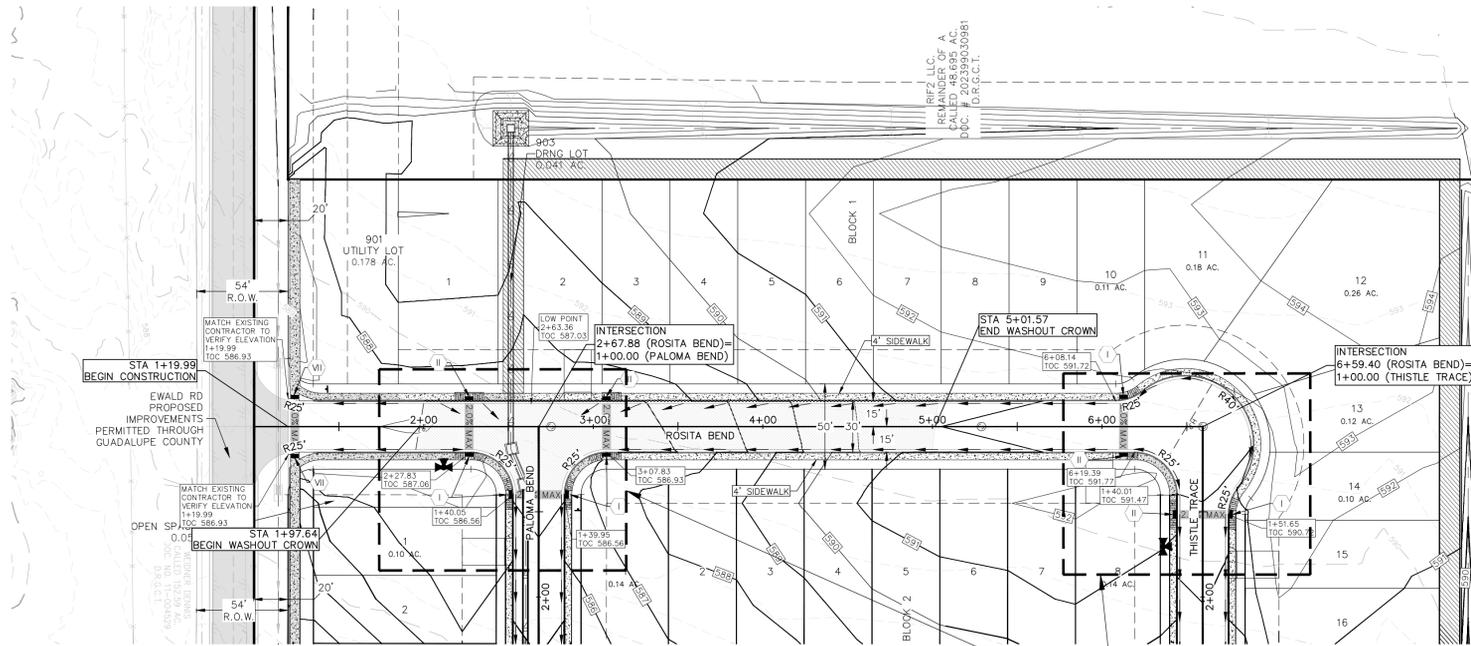
STATE OF TEXAS  
ROBERT DREW BURKETT  
154505  
LICENSED PROFESSIONAL ENGINEER  
Drew Burkett

2/17/2026

**EROSION DETAILS**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB  
HMT PROJECT NO.: 011.041  
**SHEET C2.01**



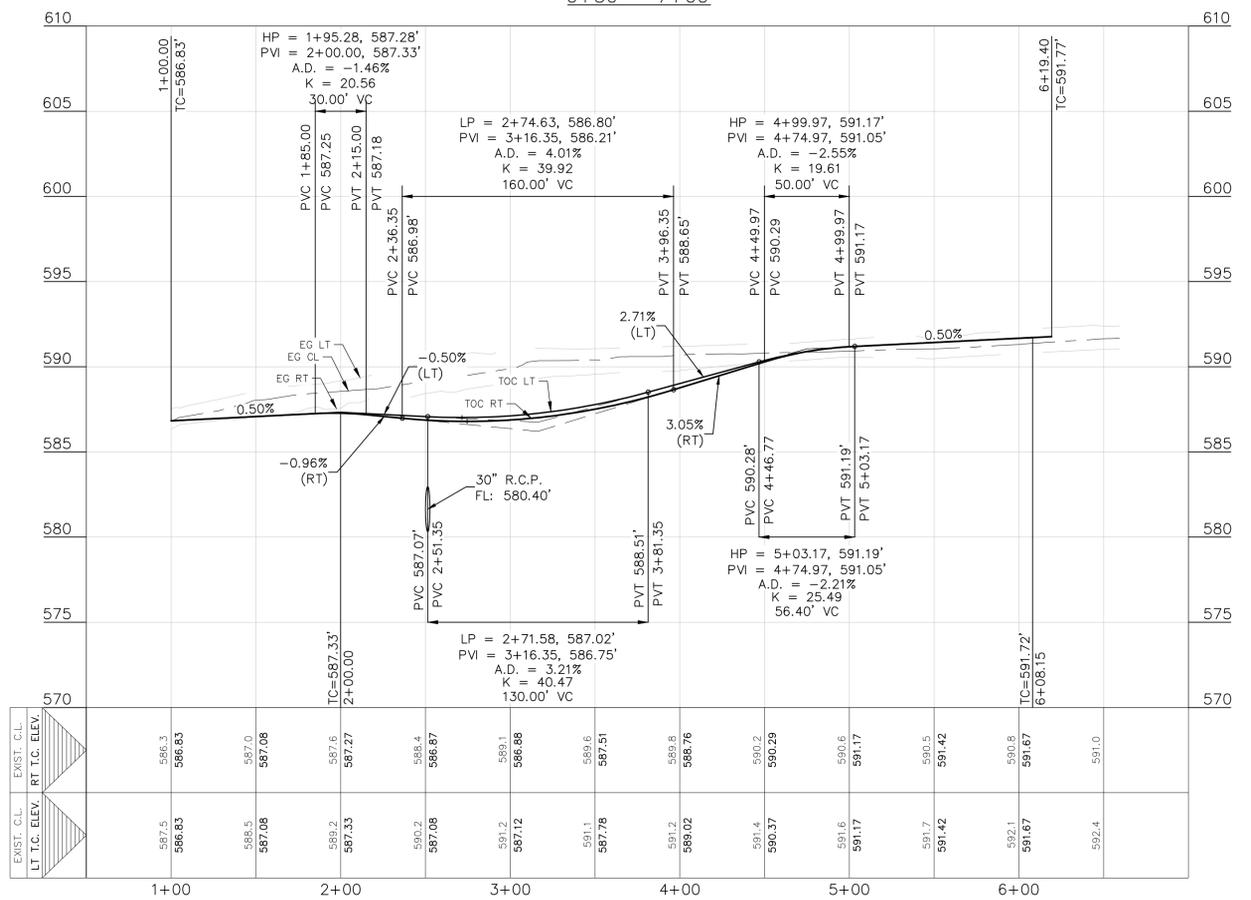
**LEGEND**

700	EXISTING CONTOURS
700	PROPOSED CONTOURS
B.L.	BUILDING SETBACK LINE
U.E.	UTILITY EASEMENT
D.E.	DRAINAGE EASEMENT
A.D.A. RAMP	A.D.A. RAMP
FLOW ARROW	FLOW ARROW
WASHOUT CROWN AREAS	WASHOUT CROWN AREAS
SPILL CURB	SPILL CURB
EXISTING GROUND LEFT (EG LT)	EXISTING GROUND LEFT (EG LT)
EXISTING GROUND RIGHT (EG RT)	EXISTING GROUND RIGHT (EG RT)
EXISTING GROUND CENTER (EG CTR)	EXISTING GROUND CENTER (EG CTR)
PROPOSED TOP OF CURB (PR TC)	PROPOSED TOP OF CURB (PR TC)
ACCESSIBLE CROSSING AREA CONTRACTOR TO ENSURE MAX 2% CROSS SLOPE IN THESE AREAS	ACCESSIBLE CROSSING AREA CONTRACTOR TO ENSURE MAX 2% CROSS SLOPE IN THESE AREAS
SIDEWALK RAMP TYPE TO BE CONSTRUCTED AT TIME OF STREET CONSTRUCTION (SEE DETAIL SHEET C3.10)	SIDEWALK RAMP TYPE TO BE CONSTRUCTED AT TIME OF STREET CONSTRUCTION (SEE DETAIL SHEET C3.10)
SIDEWALK TO BE CONSTRUCTED BY SITE DEVELOPMENT CONTRACTOR	SIDEWALK TO BE CONSTRUCTED BY SITE DEVELOPMENT CONTRACTOR

- NOTES**
- LOCAL STREETS WERE DESIGNED TO POSTED SPEED LIMIT OF 25 MPH.
  - IN WASHOUT CROWN AREAS, THE CURB ON THE HIGH SIDE OF THE STREET SHOULD BE SPILL CURB AS DESIGNATED ON THE PLANS.
  - CONTRACTOR TO CONSTRUCT SIDEWALK RAMP WITH STREETS.
  - CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM STREET STUB OUT ENDS SO THAT NO "PONDING" OF WATER OCCURS.
  - PER NEW BRAUNFELS ORDINANCE SEC. 114-98(c)(6) ALL DRIVEWAY LOCATED ON A SINGLE FAMILY RESIDENCE ON A LOCAL STREET SHALL HAVE A MINIMUM SPACING OF 20'

ROSITA BEND  
0+50 - 7+00

SEE SHEETS C3.05 & C3.06 FOR INTERSECTION DETAILS



290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

**ROSITA BEND  
PLAN & PROFILE**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

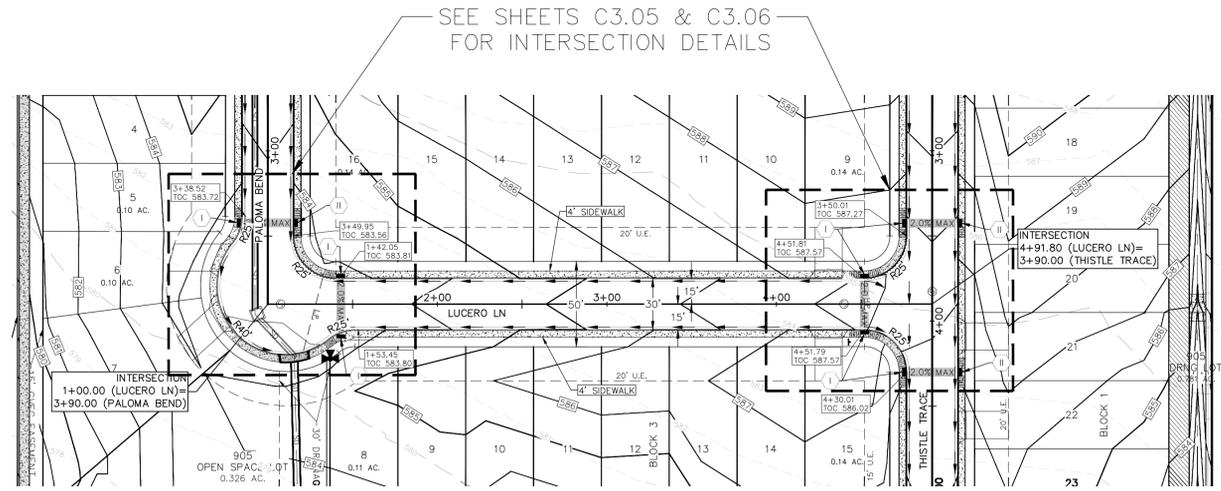
DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB

HMT PROJECT NO.: 011.041

**SHEET  
C3.00**

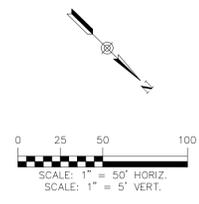
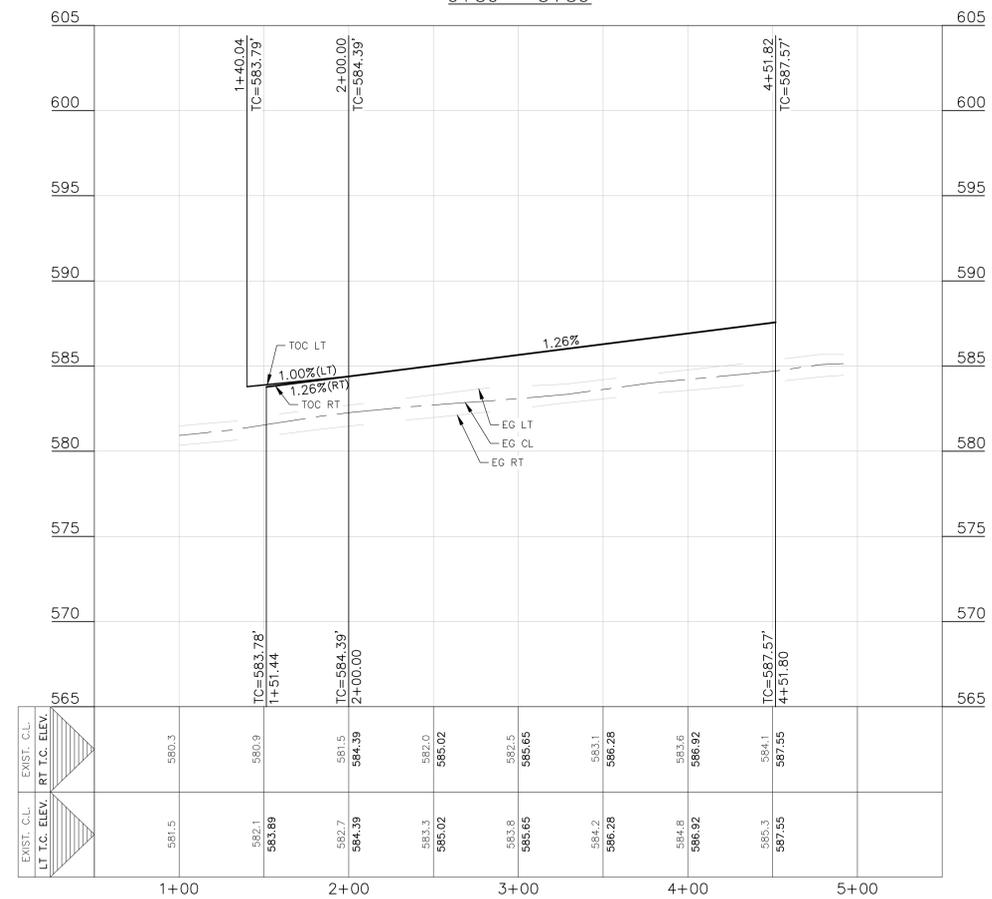
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Drawing Name: N:\\_Projects\011 - RB Home\011.041 - Trinity Grove Unit 1\CADs - Unit 1\011.041 - STREET E-W.dwg User: dle-d Feb 17, 2026 - 8:21am



SEE SHEETS C3.05 & C3.06 FOR INTERSECTION DETAILS

LUCERO LN  
0+50 - 5+50



**LEGEND**

- EXISTING CONTOURS
- PROPOSED CONTOURS
- B.L. BUILDING SETBACK LINE
- U.E. UTILITY EASEMENT
- D.E. DRAINAGE EASEMENT
- A.D.A. RAMP
- FLOW ARROW
- WASHOUT CROWN AREAS
- SPILL CURB
- EXISTING GROUND LEFT (EG LT)
- EXISTING GROUND RIGHT (EG RT)
- EXISTING GROUND CENTER (EG CTR)
- PROPOSED TOP OF CURB (PR TC)
- ACCESSIBLE CROSSING AREA  
CONTRACTOR TO ENSURE MAX 2% CROSS SLOPE IN THESE AREAS
- SIDEWALK RAMP TYPE  
TO BE CONSTRUCTED AT TIME OF STREET CONSTRUCTION (SEE DETAIL SHEET C3.10)
- SIDEWALK TO BE CONSTRUCTED BY SITE DEVELOPMENT CONTRACTOR

**NOTES**

1. LOCAL STREETS WERE DESIGNED TO POSTED SPEED LIMIT OF 25 MPH.
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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

**LUCERO LN  
PLAN & PROFILE**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE: **FEBRUARY 2026**  
DRAWN BY: **KWP**  
DESIGNED BY: **AAO**  
REVIEWED BY: **RDB**

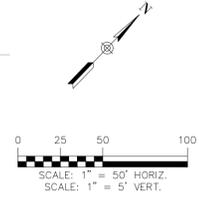
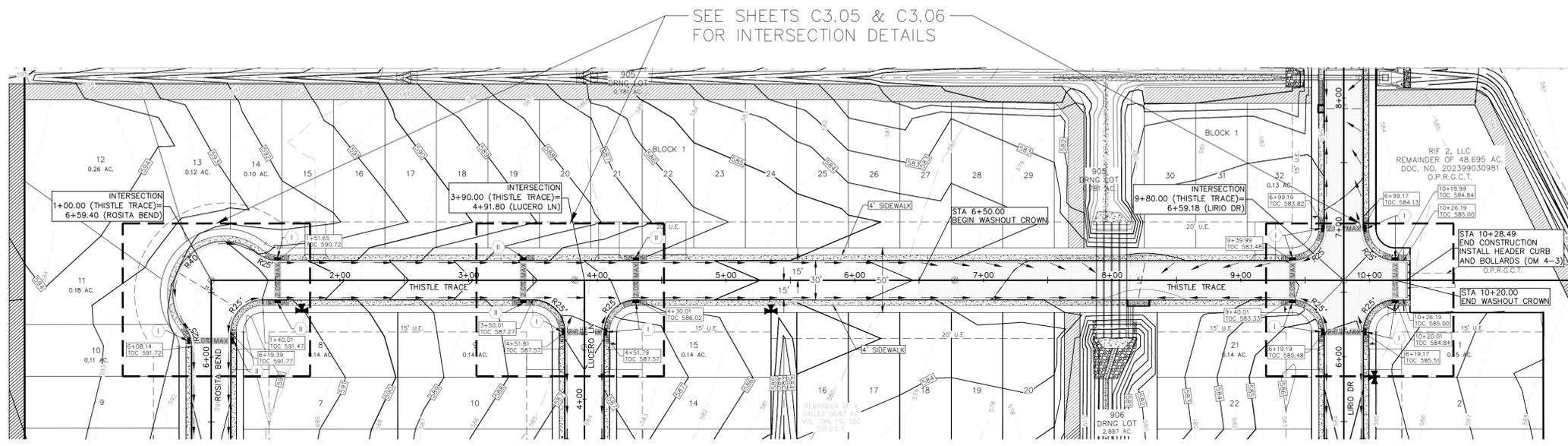
HMT PROJECT NO.: **011.041**

**SHEET  
C3.01**

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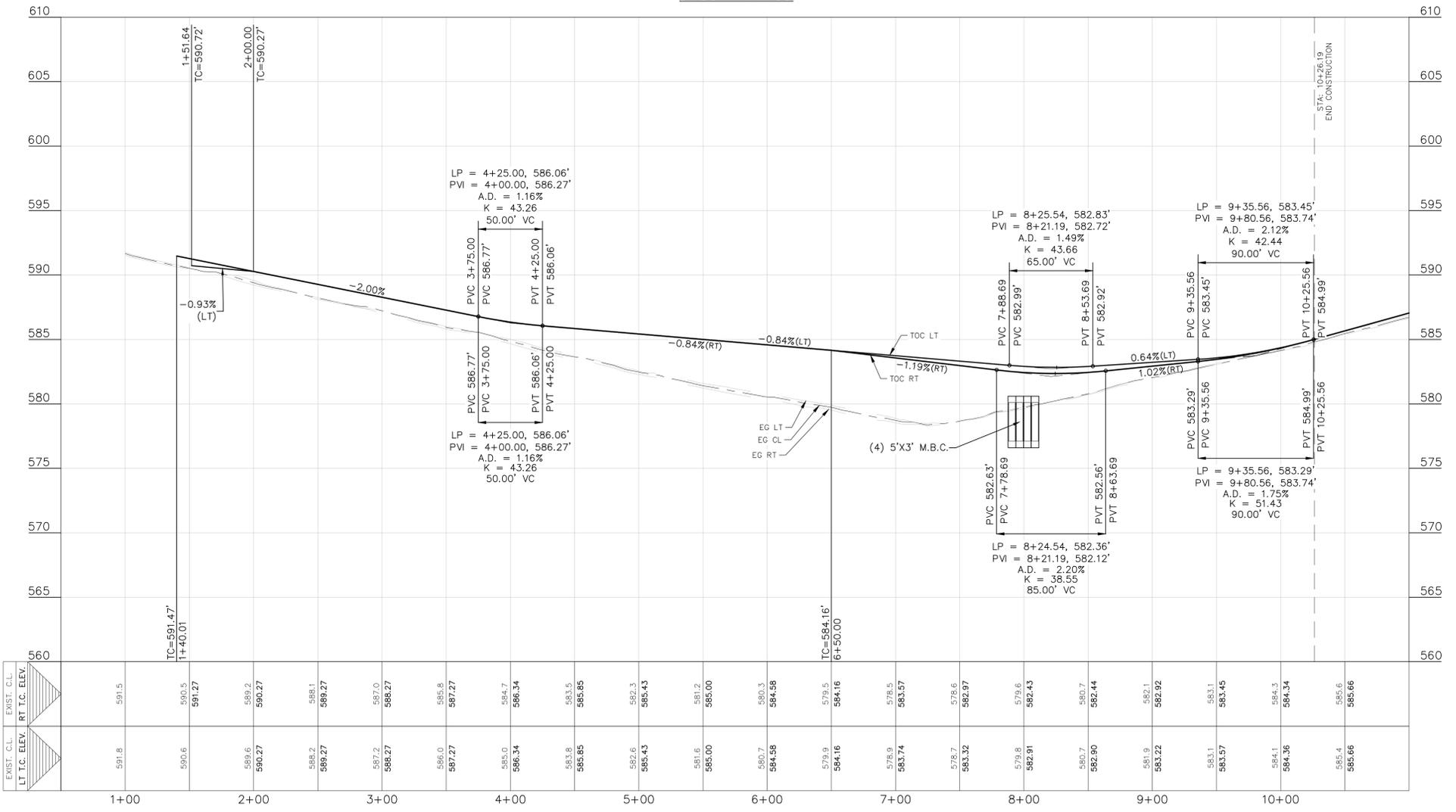


**LEGEND**

- 700 EXISTING CONTOURS
- 700 PROPOSED CONTOURS
- B.L. BUILDING SETBACK LINE
- U.E. UTILITY EASEMENT
- D.E. DRAINAGE EASEMENT
- A.D.A. RAMP
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THISTLE TRACE  
0+50 - 11+00



290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

THISTLE TRACE  
PLAN & PROFILE  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

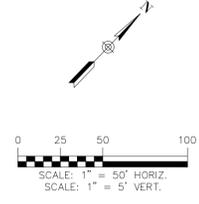
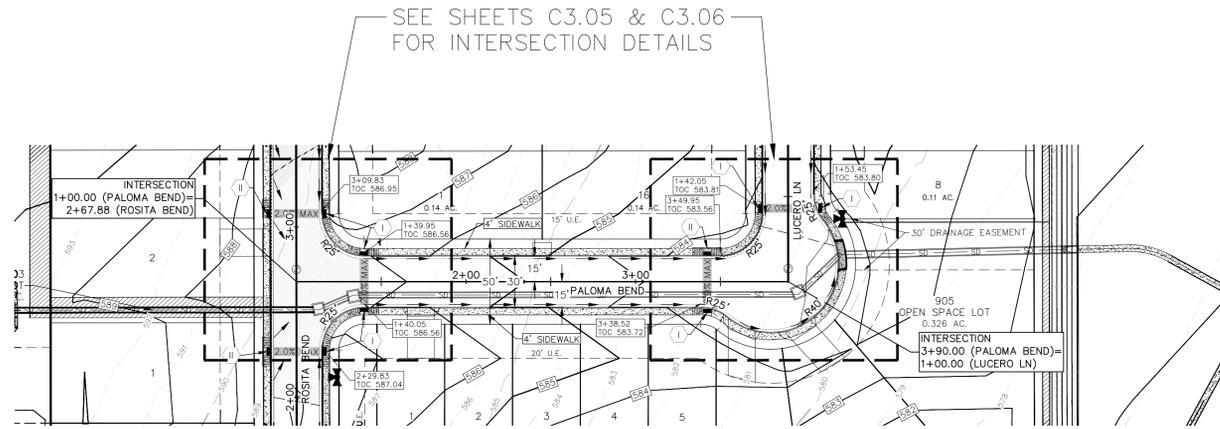
NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB  
HMT PROJECT NO.: 011.041

SHEET  
C3.03

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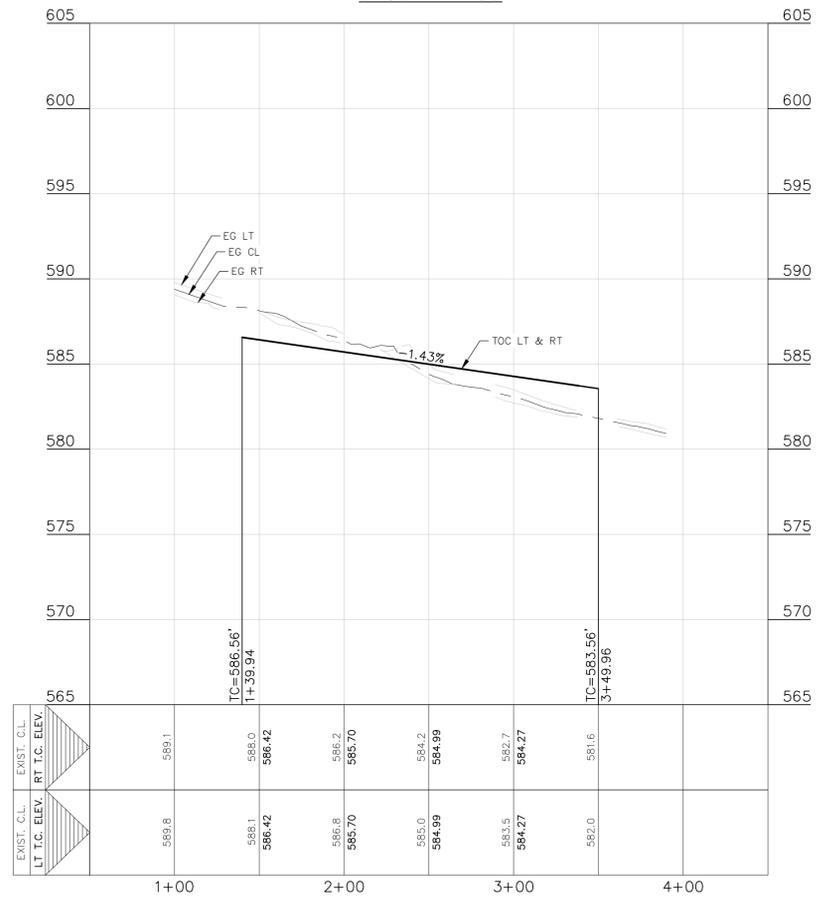
Drawing Name: N:\Projects\011 - RB Homes\011.041 - Trinity Grove Unit 1\CADs - Unit 1\011.041 - STREET N-S.dwg User: elle-d Feb 17, 2026 - 9:21am



- LEGEND**
- 700 — EXISTING CONTOURS
  - 700 — PROPOSED CONTOURS
  - B.L. BUILDING SETBACK LINE
  - U.E. UTILITY EASEMENT
  - D.E. DRAINAGE EASEMENT
  - A.D.A. RAMP
  - FLOW ARROW
  - ▨ WASHOUT CROWN AREAS
  - ~ SPILL CURB
  - EXISTING GROUND LEFT (EG LT)
  - EXISTING GROUND RIGHT (EG RT)
  - EXISTING GROUND CENTER (EG CTR)
  - PROPOSED TOP OF CURB (PR TC)
  - 2.0% MAX ACCESSIBLE CROSSING AREA CONTRACTOR TO ENSURE MAX 2% CROSS SLOPE IN THESE AREAS
  - ⊙ SIDEWALK RAMP TYPE TO BE CONSTRUCTED AT TIME OF STREET CONSTRUCTION (SEE DETAIL SHEET C3.10)
  - ▬ SIDEWALK TO BE CONSTRUCTED BY SITE DEVELOPMENT CONTRACTOR

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1. LOCAL STREETS WERE DESIGNED TO POSTED SPEED LIMIT OF 25 MPH.
  2. IN WASHOUT CROWN AREAS, THE CURB ON THE HIGH SIDE OF THE STREET SHOULD BE SPILL CURB AS DESIGNATED ON THE PLANS.
  3. CONTRACTOR TO CONSTRUCT SIDEWALK RAMP WITH STREETS.
  4. CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM STREET STUB OUT ENDS SO THAT NO "PONDING" OF WATER OCCURS.
  5. PER NEW BRAUNFELS ORDINANCE SEC. 114-98(o)(6) ALL DRIVEWAY LOCATED ON A SINGLE FAMILY RESIDENCE ON A LOCAL STREET SHALL HAVE A MINIMUM SPACING OF 20'

**PALOMA BEND  
0+50 - 4+50**



290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

**PALOMA BEND  
PLAN & PROFILE**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

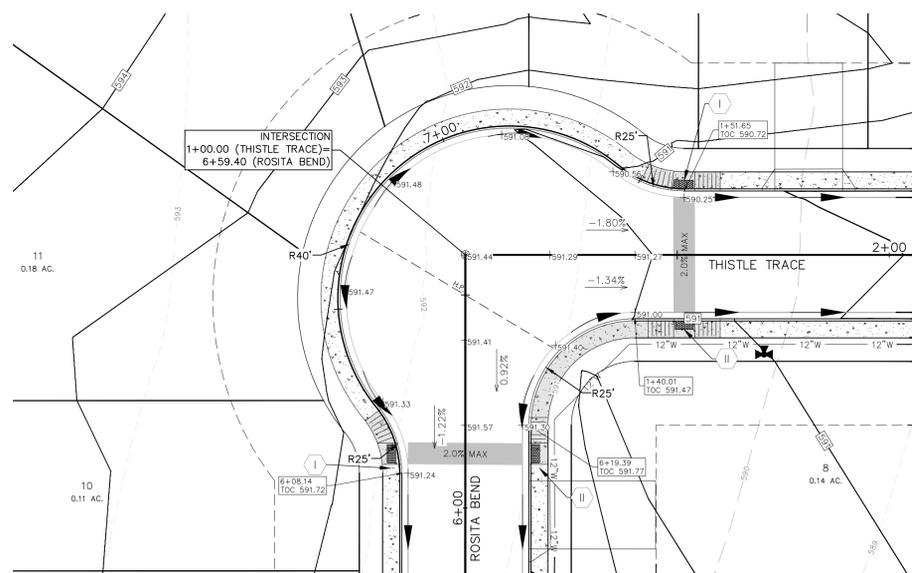
DATE: **FEBRUARY 2026**  
DRAWN BY: **KWP**  
DESIGNED BY: **AAO**  
REVIEWED BY: **RDB**

HMT PROJECT NO.: **011.041**

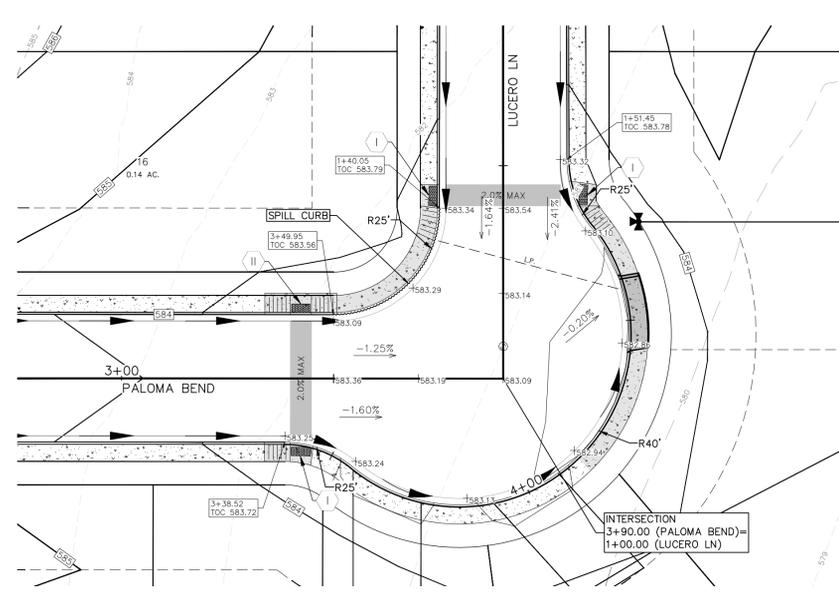
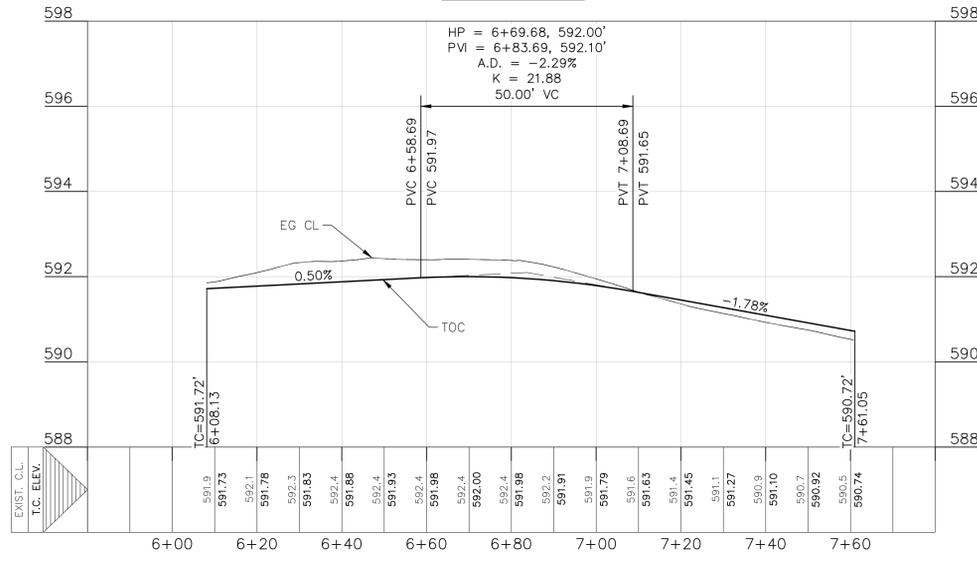
**SHEET  
C3.04**

THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES 24-HOURS PRIOR TO COMMENCING CONSTRUCTION.

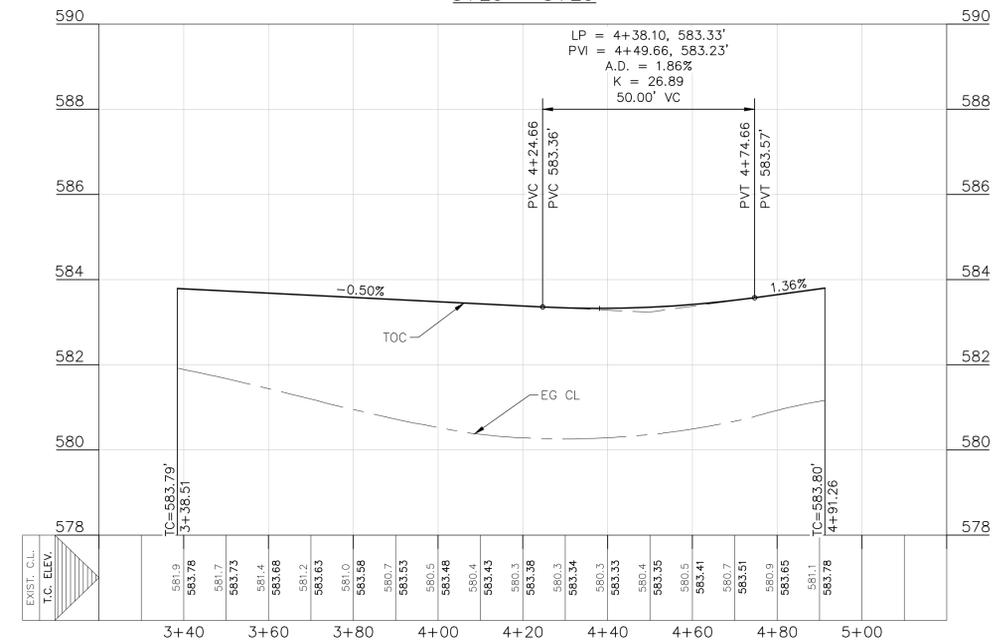
Drawing Name: N:\Projects\011 - RB Home\011.041 - Trinity Grove Unit 1\C3.05 - Unit 1\011.041 - STR - INF.dwg User: ellid-d Feb 17, 2026 - 9:21am



KNUCKLE ROSITA-THISTLE  
5+80 - 7+80



KNUCKLE PALOMA-LUCERO  
3+20 - 5+20



**LEGEND**

- 700 EXISTING CONTOURS
- 700 PROPOSED CONTOURS
- B.L. BUILDING SETBACK LINE
- U.E. UTILITY EASEMENT
- D.E. DRAINAGE EASEMENT
- A.D.A. RAMP
- FLOW ARROW
- WASHOUT CROWN AREAS
- SPILL CURB
- EXISTING GROUND LEFT (EG LT)
- EXISTING GROUND RIGHT (EG RT)
- EXISTING GROUND CENTER (EG CTR)
- PROPOSED TOP OF CURB (PR TC)
- ACCESSIBLE CROSSING AREA CONTRACTOR TO ENSURE MAX 2% CROSS SLOPE IN THESE AREAS
- SIDEWALK RAMP TYPE TO BE CONSTRUCTED AT TIME OF STREET CONSTRUCTION (SEE DETAIL SHEET C3.10)
- SIDEWALK TO BE CONSTRUCTED BY SITE DEVELOPMENT CONTRACTOR
- SIDEWALK TO BE CONSTRUCTED BY HOME BUILDER CONTRACTOR

- NOTES**
1. LOCAL STREETS WERE DESIGNED TO POSTED SPEED LIMIT OF 25 MPH.
  2. IN WASHOUT CROWN AREAS, THE CURB ON THE HIGH SIDE OF THE STREET SHOULD BE SPILL CURB AS DESIGNATED ON THE PLANS.
  3. CONTRACTOR TO CONSTRUCT SIDEWALK RAMPS WITH STREETS.
  4. CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM STREET STUB OUT ENDS SO THAT NO "PONDING" OF WATER OCCURS.
  5. PER NEW BRAUNFELS ORDINANCE SEC. 114-98(a)(6) ALL DRIVEWAY LOCATED ON A SINGLE FAMILY RESIDENCE ON A LOCAL STREET SHALL HAVE A MINIMUM SPACING OF 20'

290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
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2/17/2026

**KNUCKLE PLAN & PROFILES**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

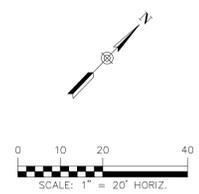
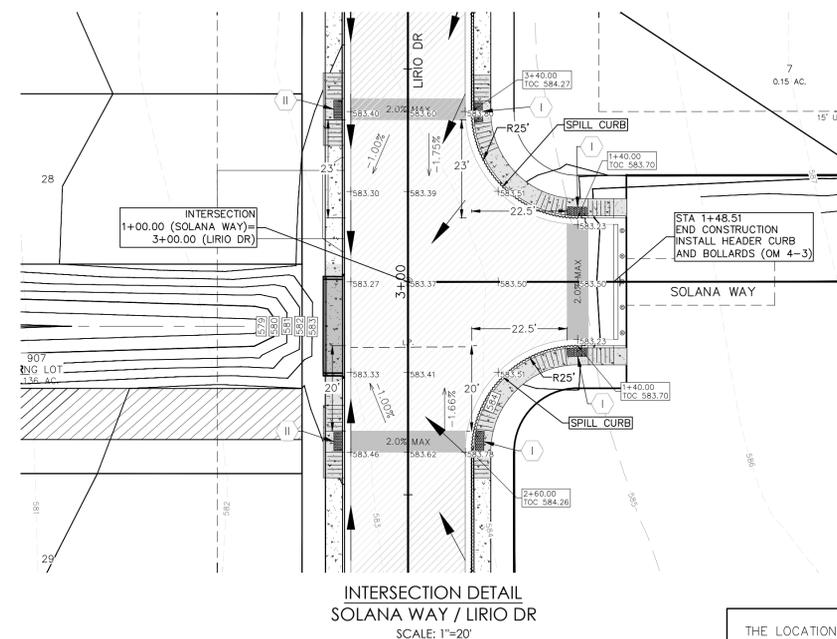
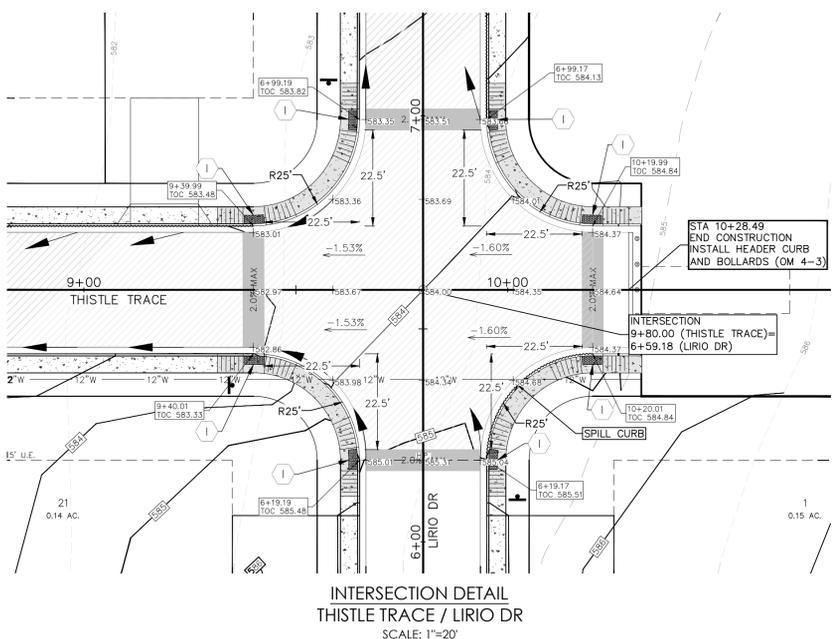
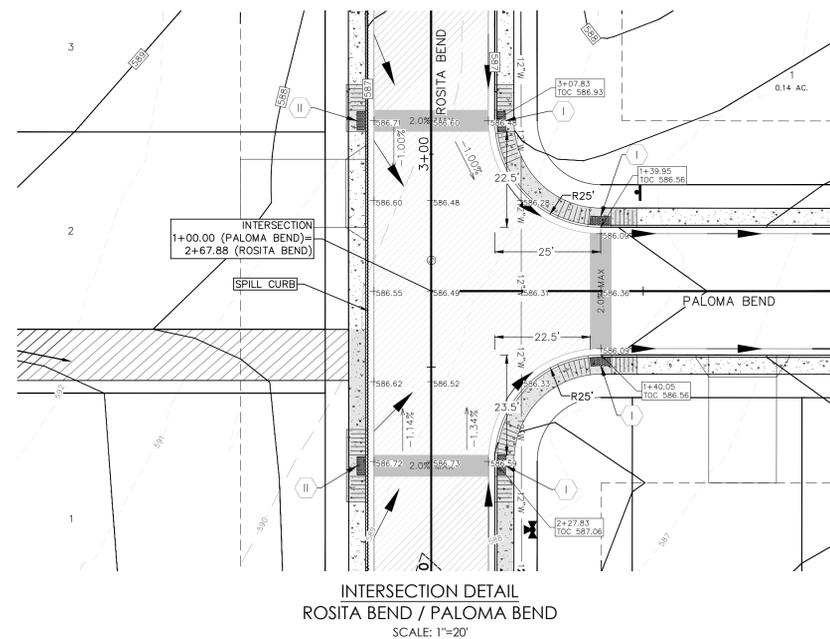
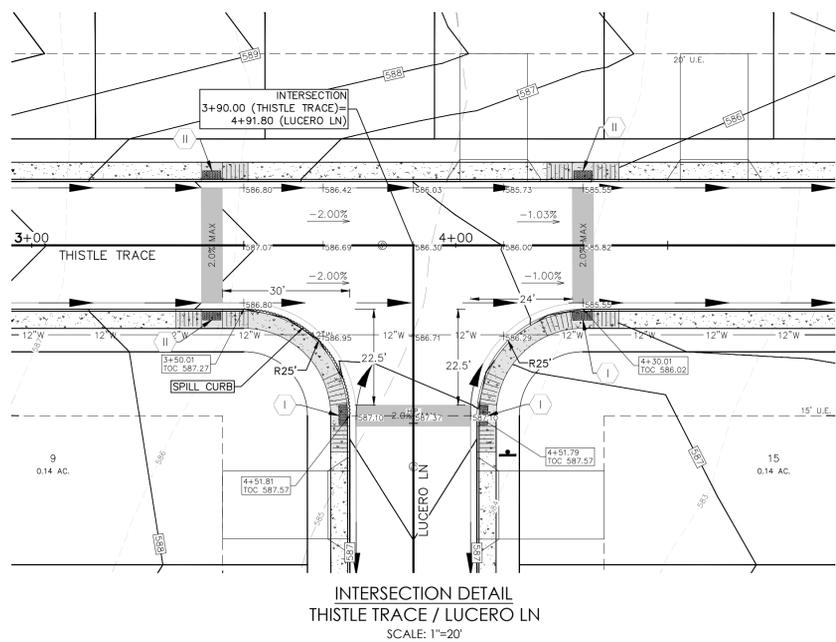
DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB

HMT PROJECT NO.: 011.041

**SHEET**  
**C3.05**

THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES 24-HOURS PRIOR TO COMMENCING CONSTRUCTION.

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- LEGEND**
- 700 — EXISTING CONTOURS
  - 700 — PROPOSED CONTOURS
  - B.L. BUILDING SETBACK LINE
  - U.E. UTILITY EASEMENT
  - D.E. DRAINAGE EASEMENT
  - A.D.A. RAMP
  - >— FLOW ARROW
  - WASHOUT CROWN AREAS
  - SPILL CURB
  - EXISTING GROUND LEFT (EG LT)
  - EXISTING GROUND RIGHT (EG RT)
  - EXISTING GROUND CENTER (EG CTR)
  - PROPOSED TOP OF CURB (PR TC)
  - ACCESSIBLE CROSSING AREA  
CONTRACTOR TO ENSURE MAX 2%  
CROSS SLOPE IN THESE AREAS
  - SIDEWALK RAMP TYPE  
TO BE CONSTRUCTED AT TIME OF  
STREET CONSTRUCTION  
(SEE DETAIL SHEET C3.10)
  - SIDEWALK TO BE CONSTRUCTED  
BY SITE DEVELOPMENT CONTRACTOR
  - SIDEWALK TO BE CONSTRUCTED  
BY HOME BUILDER CONTRACTOR

- NOTES**
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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

**INTERSECTION  
DETAILS**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

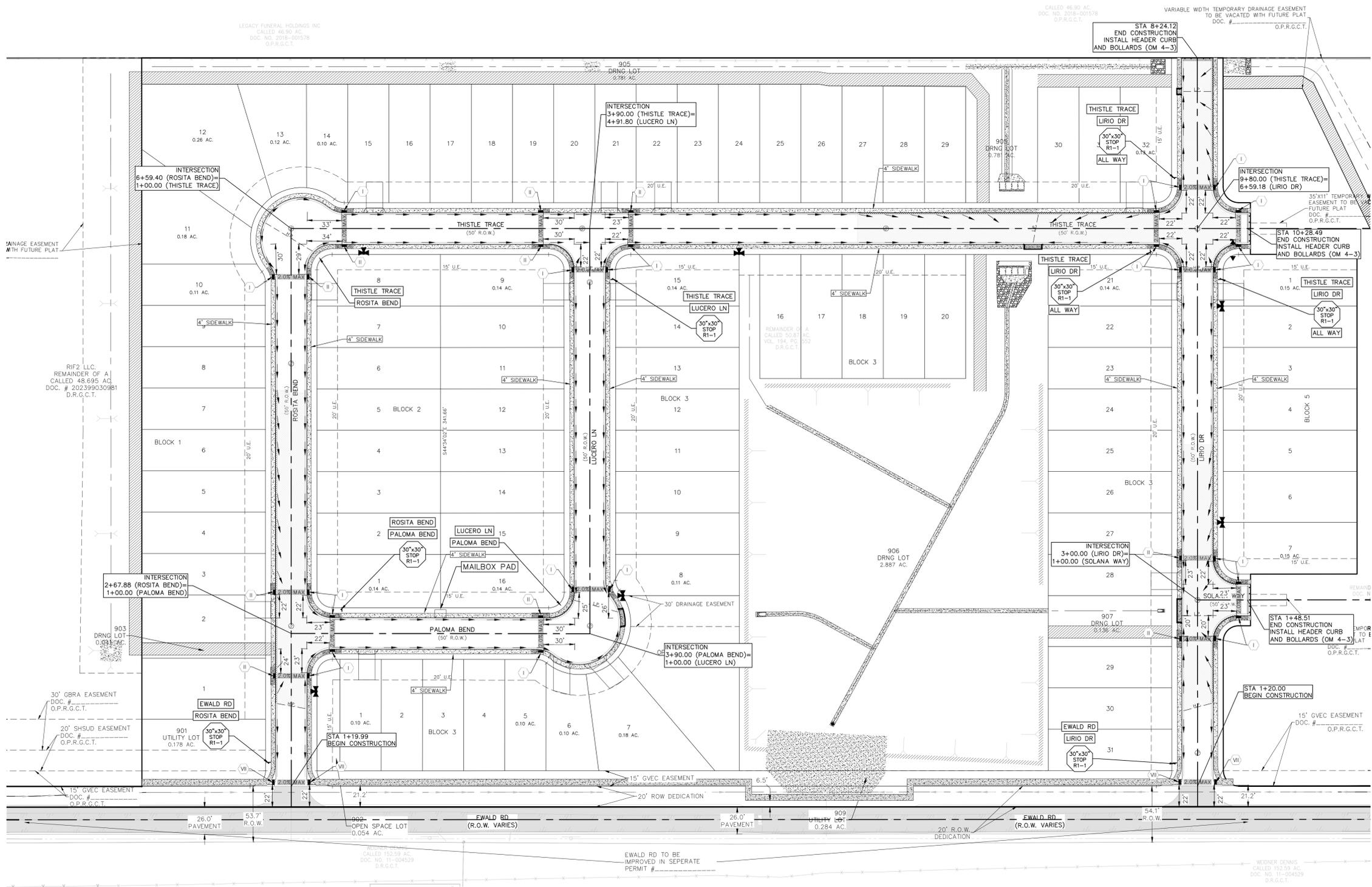
DATE: **FEBRUARY 2026**  
DRAWN BY: **KWP**  
DESIGNED BY: **AAO**  
REVIEWED BY: **RDB**

HMT PROJECT NO.: **011.041**

**SHEET  
C3.06**

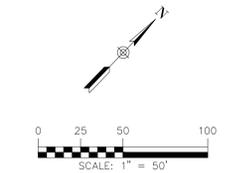
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- LEGEND**
- B.L. BUILDING SETBACK LINE
  - U.E. UTILITY EASEMENT
  - D.E. DRAINAGE EASEMENT
  - A.D.A. RAMP
  - ACCESSIBLE CROSSING AREA CONTRACTOR TO ENSURE MAX 2% CROSS SLOPE IN THESE AREAS
  - SIDWALK RAMP TYPE TO BE CONSTRUCTED AT TIME OF STREET CONSTRUCTION (SEE DETAIL SHEET C3.10)
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- SIGNAGE NOTES**
- INSTALLATION**
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL REGULATORY, WARNING AND STREET NAME SIGNS AND SIGN MOUNTS IN ACCORDANCE WITH APPROVED ENGINEERING PLANS.
- MOUNTING**
- THE WEDGE ANCHOR STEEL SYSTEM AND THIN-WALLED TUBING POST SHALL BE USED FOR SIGNS WITH UP TO 10 SQUARE FEET OF SIGN AREA. MATERIALS AND INSTALLATION SHOULD FOLLOW THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) TRAFFIC STANDARDS SMD (GEN) - 08 AND SMD (TWT) - 08.
- THE TRIANGULAR SLIP BASE SYSTEM AND 10 BWG TUBING POST SHALL BE USED FOR SIGNS THAT HAVE 10 TO 16 SQUARE FEET OF SIGN AREA. MATERIALS AND INSTALLATION SHOULD FOLLOW THE TXDOT TRAFFIC STANDARDS SMD (GEN) - 08 AND SMD (SLIP-1-3) - 08.
- OBJECT MARKERS MATERIALS AND INSTALLATION SHOULD FOLLOW THE TXDOT TRAFFIC STANDARDS D & OM (1 - 5) - 10.

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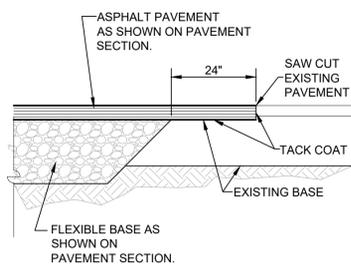
**SIGNAGE PLAN**  
 TRINITY GROVE, UNIT 1  
 NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

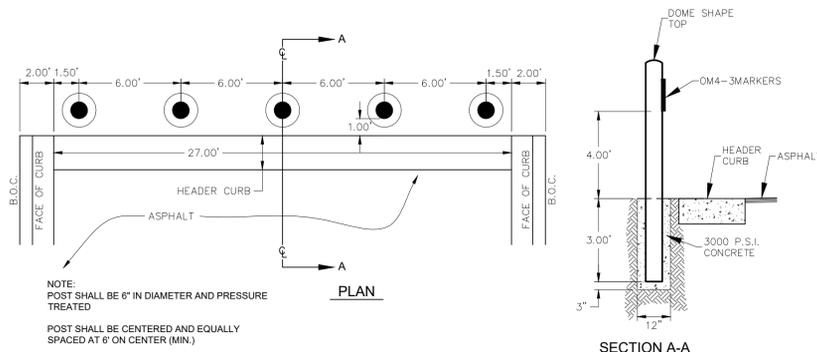
DATE: FEBRUARY 2026  
 DRAWN BY: KWP  
 DESIGNED BY: AAO  
 REVIEWED BY: RDB  
 HMT PROJECT NO.: 011.041

**SHEET**  
**C3.07**

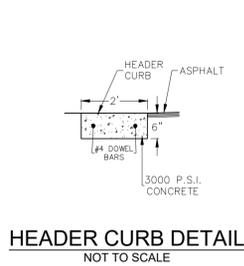
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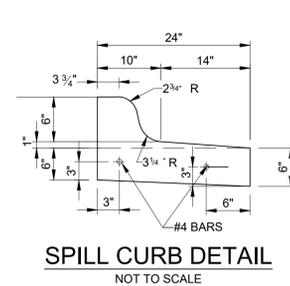
**NEW PAVEMENT TO EXISTING**  
NOT TO SCALE



**BOLLARD DETAIL**  
NOT TO SCALE



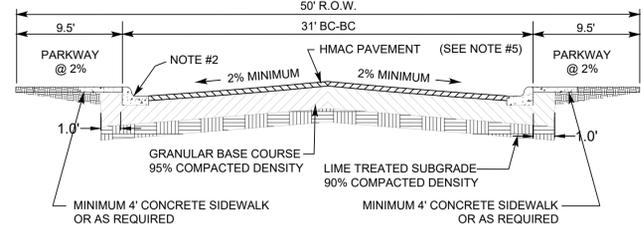
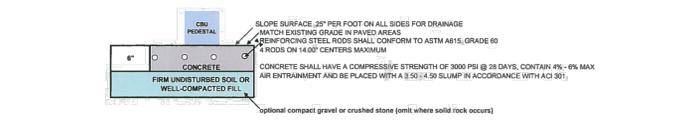
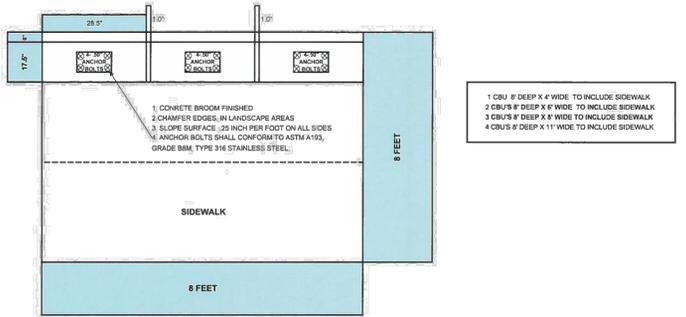
**HEADER CURB DETAIL**  
NOT TO SCALE



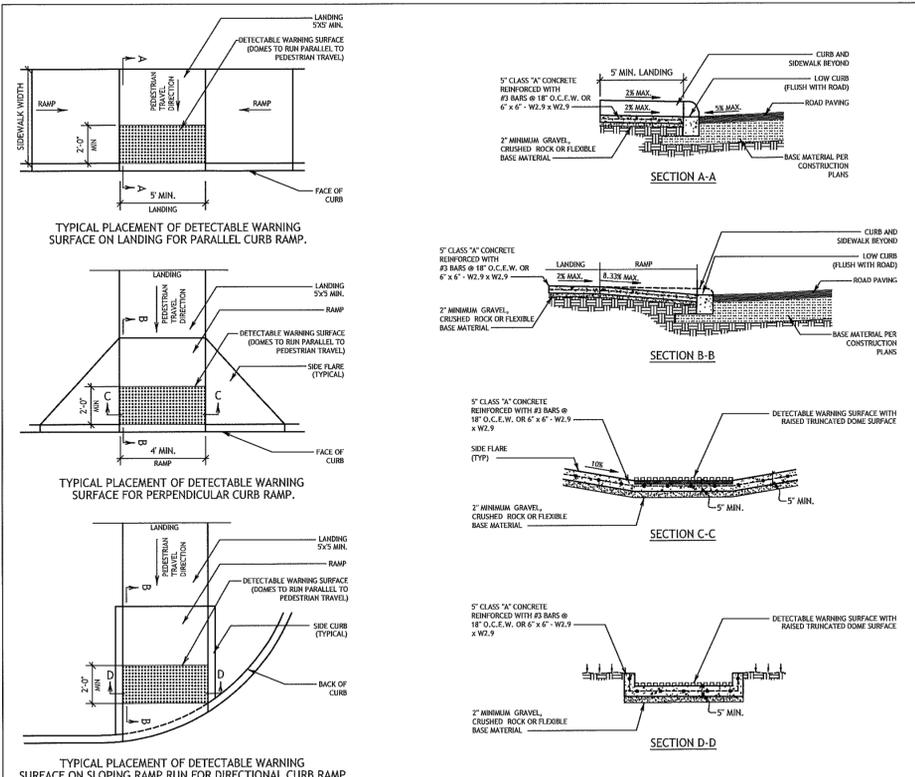
**SPILL CURB DETAIL**  
NOT TO SCALE

- NOTE:
1. ALL PAVEMENT CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE TO THE "SUBSURFACE EXPLORATION AND PAVEMENT ANALYSIS, TRINITY GROVE SUBDIVISION", BY INTEC OF SAN ANTONIO, DATED MAY 12, 2025.
  2. ALL PAVEMENT SECTIONS SHOWN ON THE ABOVE TABLE SHALL SUPERCEDE ANY STANDARD DETAILS WITH RESPECT TO DEPTH OF MATERIALS ASSOCIATED WITH THIS PROJECT.
  3. THE SUBGRADE SHOULD BE STABILIZED USING LIME IN ACCORDANCE WITH THE GEOTECHNICAL REPORT IN ORDER TO ACHIEVE THE FOLLOWING:
    - 3.1. PLASTICITY INDEX OF 20 OR LESS
    - 3.2. PH OF 12.4 OR GREATER
  4. THE SUBGRADE SOILS SHOULD BE TESTED FOR SOLUBLE SULPHATE CONTENT PRIOR TO INSTALLATION OF THE LIME OR CEMENT.
  5. REFERENCE GEOTECHNICAL REPORT FOR LIME STABILIZATION NOTES CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN A COPY OF THE GEOTECH REPORT AND THE CONTENTS OF THE REPORT.

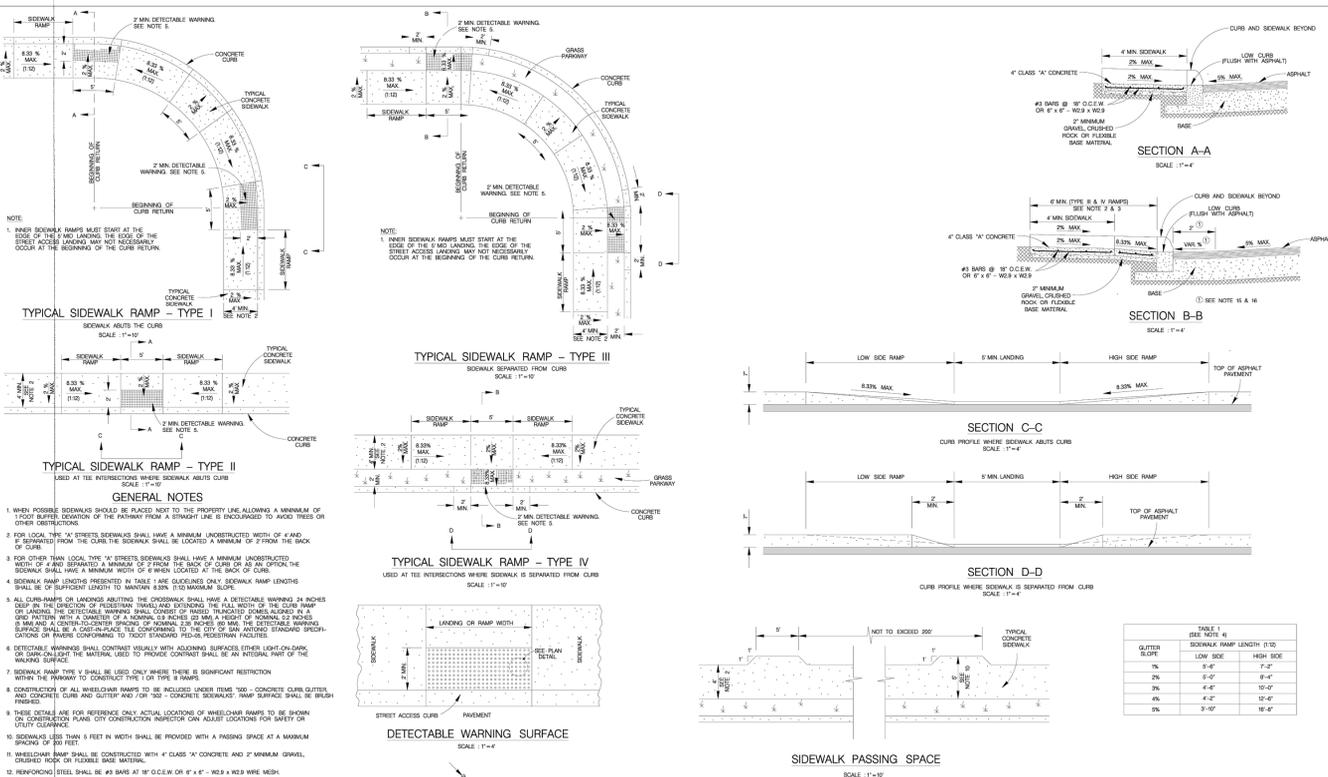
FLEXIBLE PAVEMENTS	LOCAL
PAVEMENT MATERIAL	
TYPE "D" HMAC	3"
TYPE "C" HMAC	-
GRANULAR BASE COURSE	12"
LIME TREATED SUBGRADE	6"
GEOGRID	NO
STRUCTURAL NUMBER	3.48



**LOCAL STREET PAVEMENT SECTION (50' R-O-W)**



- CURB RAMP NOTES**
1. ALL SLOPES ARE MAXIMUM ALLOWABLE, THE LEAST POSSIBLE SLOPE THAT WILL STRAIN DRAIN PROPERLY SHOULD BE USED. ADJUST CURB RAMP LENGTH OR GRADE OF APPROACH SIDEWALKS AS DIRECTED.
  2. THESE DETAILS ARE FOR REFERENCE ONLY. ACTUAL LOCATIONS OF CURB RAMP ARE TO BE SHOWN ON THE CONSTRUCTION PLANS. ALL ACCESSIBLE WALKWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THE AMERICANS WITH DISABILITIES ACT (ADA) AND TEXAS ACCESSIBILITY STANDARDS (TAS). CITY ENGINEER OR BUILDING OFFICIAL MAY ADJUST LOCATIONS FOR SAFETY OR UTILITY CLEARANCE.
  3. THE MINIMUM STANDARD SIDEWALKS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 110-49 OF THE NEW BRAUNFELS CODE OF ORDINANCES.
  4. ALL LANDINGS WHERE REQUIRED SHALL BE 5'x5' (60\"/>
- DETECTABLE WARNING NOTES**
1. CURB RAMP OR LANDINGS ADJOINING THE CROSSWALK MUST HAVE A DETECTABLE WARNING SURFACE THAT CONSPICUOUSLY STANDS OUT VISUALLY FROM THE ADJACENT SURFACES. IN THE CASE OF A STREET ACCESS RAMP DESIGNED AT THE 8.33% MAXIMUM SLOPE, THE ADJACENT PAVEMENT CROSS SLOPE SHALL BE LESS THAN 2.0% (I.E. 8.33/2.67=3.11). IN ADDITION, THE ADJACENT PAVEMENT CROSS SLOPE SHALL BE LESS THAN OR EQUAL TO 2%.
  2. DETECTABLE WARNING SURFACES MUST BE SLIP RESISTANT AND NOT ALLOW WATER TO ACCUMULATE.
  3. ALIGN TRUNCATED DOMES IN THE DIRECTION OF PEDESTRIAN TRAVEL WHEN EXTERIOR TO THE STREET.
  4. DETECTABLE WARNING SURFACES SHALL BE A MINIMUM OF 24\"/>



- GENERAL NOTES**
1. WHEN POSSIBLE SIDEWALKS SHOULD BE PLACED NEXT TO THE PROPERTY LINE ALLOWING A MINIMUM OF 1' FROM THE SIDEWALK TO THE PROPERTY LINE TO BE MAINTAINED TO AVOID TREE OR OTHER OBSTRUCTIONS.
  2. FOR LOCAL 1/2\"/>
- TABLE 1**
- | GLUTTER SLOPE | SIDEWALK RAMP LENGTH (1:10) |           |                         |
|---------------|-----------------------------|-----------|-------------------------|
|               | LOW SIDE                    | HIGH SIDE | TOP OF ASPHALT PAVEMENT |
| 2%            | 5'-4"                       | 7'-2"     | 8'-4"                   |
| 3%            | 5'-0"                       | 6'-8"     | 8'-0"                   |
| 4%            | 4'-4"                       | 6'-0"     | 7'-4"                   |
| 5%            | 4'-0"                       | 5'-4"     | 7'-0"                   |

Drawing No.: N:\Projects\011 - RB Home\011-041 - Trinity Grove Unit 1\C3b - Unit 1\011-041 - STREET DETAILS.dwg User: ellie-d Date: Feb 17, 2026 - 9:22am

**City of New Braunfels**  
ENGINEERING DIVISION  
550 LINDA STREET  
NEW BRAUNFELS, TEXAS 78130  
PHONE: 830 221 4020  
FAX: 830 628 3600

**CURB RAMP STANDARDS**

APPROVED DATE: 06/18/2017	DWG. NO.: ST-019	SCALE: AS NOTED
DRAWN BY: RC	CONTACT: GF	SHEET: 1 OF 1

290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600

**HMT**  
ENGINEERING & SURVEYING

STATE OF TEXAS  
ROBERT DREW BURNETT  
154905  
LICENSED PROFESSIONAL ENGINEER  
Drew Burnett

2/17/2026

**STREET DETAILS**  
(1 OF 4)  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	DATE

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB  
HMT PROJECT NO.: 011.041  
**SHEET C3.08**

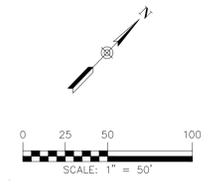
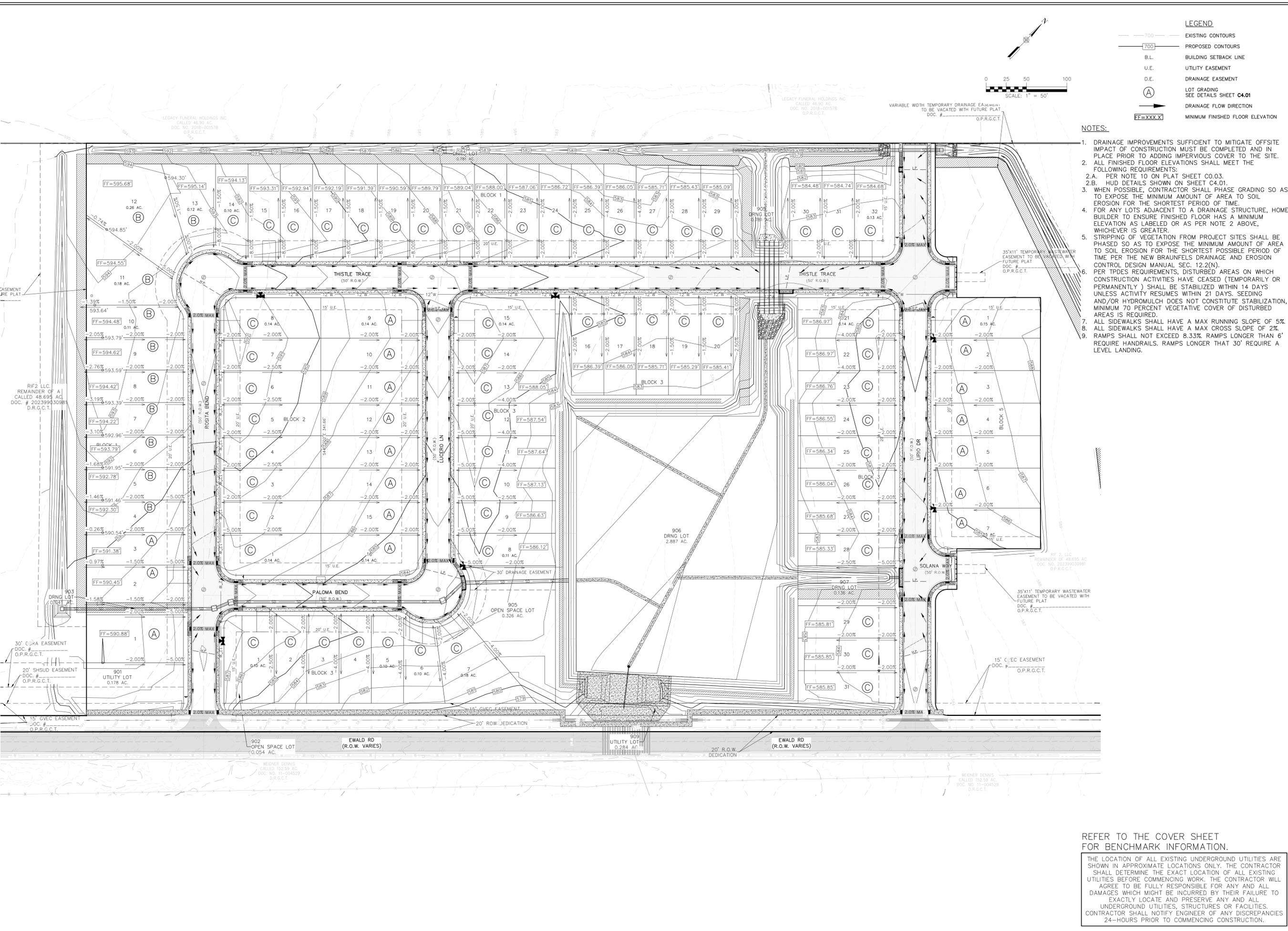
MAY 2009  
CITY OF SAN ANTONIO  
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT  
**WHEELCHAIR RAMP STANDARDS**







Drawing Name: N:\\_Projects\011 - RB Homes\011.041 - Trinity Grove Unit 1\CDs - Unit 1\011.041 - GRD.dwg User: ellie-d Feb 17, 2026 - 8:22am



**LEGEND**

	EXISTING CONTOURS
	PROPOSED CONTOURS
	BUILDING SETBACK LINE
	UTILITY EASEMENT
	DRAINAGE EASEMENT
	LOT GRADING SEE DETAILS SHEET C4.01
	DRAINAGE FLOW DIRECTION
	MINIMUM FINISHED FLOOR ELEVATION

- NOTES:**
- DRAINAGE IMPROVEMENTS SUFFICIENT TO MITIGATE OFFSITE IMPACT OF CONSTRUCTION MUST BE COMPLETED AND IN PLACE PRIOR TO ADDING IMPERVIOUS COVER TO THE SITE.
  - ALL FINISHED FLOOR ELEVATIONS SHALL MEET THE FOLLOWING REQUIREMENTS:
    - PER NOTE 10 ON PLAT SHEET C0.03.
    - HUD DETAILS SHOWN ON SHEET C4.01.
  - WHEN POSSIBLE, CONTRACTOR SHALL PHASE GRADING SO AS TO EXPOSE THE MINIMUM AMOUNT OF AREA TO SOIL EROSION FOR THE SHORTEST PERIOD OF TIME.
  - FOR ANY LOTS ADJACENT TO A DRAINAGE STRUCTURE, HOME BUILDER TO ENSURE FINISHED FLOOR HAS A MINIMUM ELEVATION AS LABELED OR AS PER NOTE 2 ABOVE, WHICHEVER IS GREATER.
  - STRIPPING OF VEGETATION FROM PROJECT SITES SHALL BE PHASED SO AS TO EXPOSE THE MINIMUM AMOUNT OF AREA TO SOIL EROSION FOR THE SHORTEST POSSIBLE PERIOD OF TIME PER THE NEW BRAUNFELS DRAINAGE AND EROSION CONTROL DESIGN MANUAL SEC. 12.2(N).
  - PER TPDES REQUIREMENTS, DISTURBED AREAS ON WHICH CONSTRUCTION ACTIVITIES HAVE CEASED (TEMPORARILY OR PERMANENTLY) SHALL BE STABILIZED WITHIN 14 DAYS UNLESS ACTIVITY RESUMES WITHIN 21 DAYS. SEEDING AND/OR HYDROMULCH DOES NOT CONSTITUTE STABILIZATION. MINIMUM 70 PERCENT VEGETATIVE COVER OF DISTURBED AREAS IS REQUIRED.
  - ALL SIDEWALKS SHALL HAVE A MAX RUNNING SLOPE OF 5%.
  - ALL SIDEWALKS SHALL HAVE A MAX CROSS SLOPE OF 2%.
  - RAMPS SHALL NOT EXCEED 8.33%. RAMPS LONGER THAN 6' REQUIRE HANDRAILS. RAMPS LONGER THAN 30' REQUIRE A LEVEL LANDING.

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ENGINEERING & SURVEYING

ROBERT DREW BURNETT  
 LICENSED PROFESSIONAL ENGINEER  
 15495

2/17/2026

**GRADING PLAN**  
 TRINITY GROVE, UNIT 1  
 NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026

DRAWN BY: KWP

DESIGNED BY: AAO

REVIEWED BY: RDB

HMT PROJECT NO.: 011.041

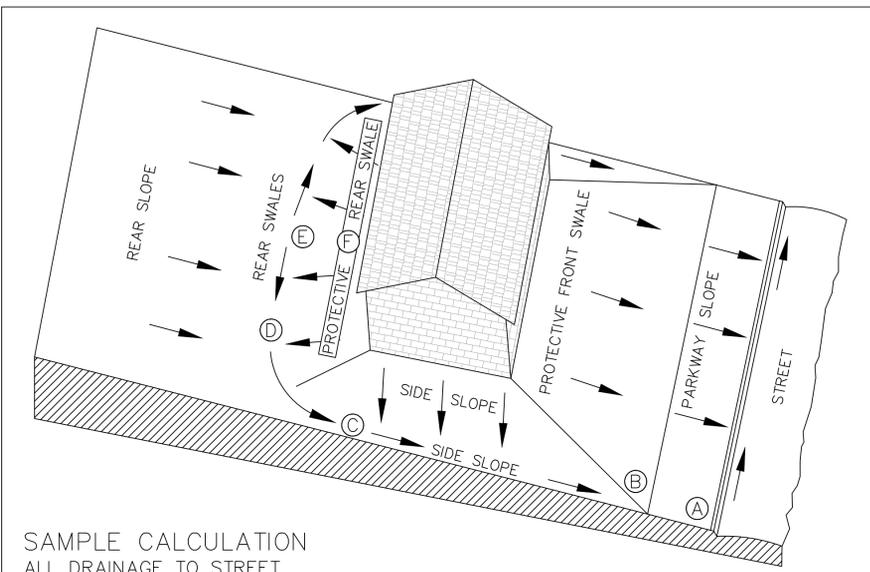
**SHEET**

**C4.00**

REFER TO THE COVER SHEET FOR BENCHMARK INFORMATION.

THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES 24-HOURS PRIOR TO COMMENCING CONSTRUCTION.

Drawing Name: N:\\_Projects\011 - RB Home\011.041 - Trinity Grove Unit 1\CDs - Unit 1\011.041 - GRAD DETAILS.dwg User: ellis-d Feb 17, 2026 - 9:22am

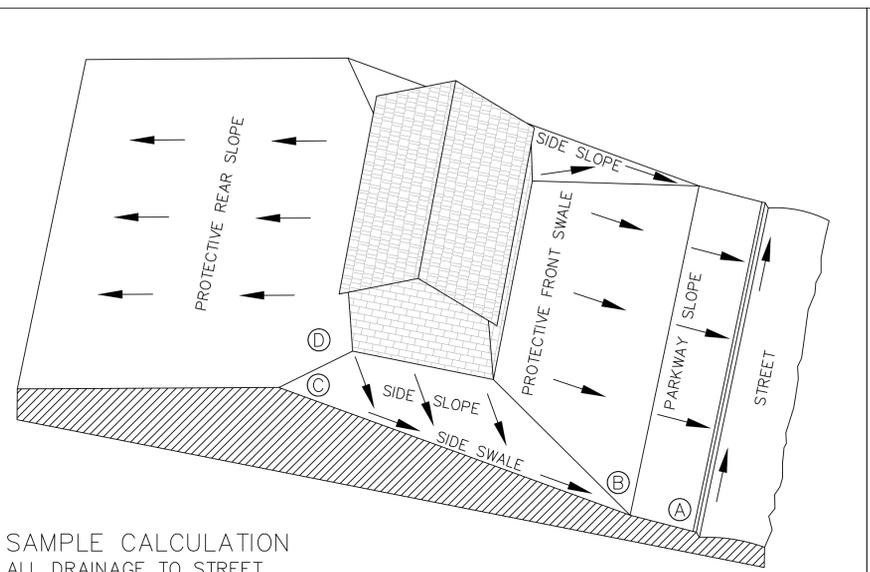


SAMPLE CALCULATION  
ALL DRAINAGE TO STREET

SAMPLE COMPUTATION OF GRADING CONTROL LINE AF FOR A 60' WIDE LOT WITH A 25' BUILDING LINE, 0.5% STREET, WITH 60' BUILDING DEPTH AND 2% SWALES.		RESULTS OF 1% SWALES		
A	CURB-TOP ON LOT LINE EXTENSION AT HIGH LOT CORNER			
AB	PARKWAY SLOPE: 15' GRASS AND WALK AT 1/4"/FT. (2%)	4" (0.3')	2" (0.2')	<b>CALCULATIONS FOR 2% SWALES</b> $15 \times 0.25" = 3\frac{3}{4}"$ $85 \times 0.25" = 21\frac{1}{4}"$ $16 \times 0.25" = 4"$ $13 \times 0.25" = 3\frac{1}{4}"$ $10 \times 0.25" = 2\frac{1}{2}"$ <b>34\frac{3}{4}"</b>
BC	SIDE SWALE: 85' GRASS AT 1/4"/FT. (2%)	21" (1.8')	11" (0.9')	
CD	SWALE TURN WITH 10' RADIUS: 16' GRASS AT 1/4"/FT. (2%)	4" (0.3')	2" (0.2')	
DE**	REAR SWALE: 13' GRASS AT 1/4"/FT. (2%)	3" (0.3')	2" (0.2')	
EF*	PROTECTIVE REAR SLOPE UP FROM HIGH POINT OF SWALES	3" (0.3')	3" (0.3')	
SUB-TOTAL AF FROM CURB TOP TO GROUND AT REAL BLDG WALL		35" (3.0')	20" (1.7')	<b>CALCULATIONS USE 0.25" PER FOOT GRADIENT FOR A 2% SWALE.</b>
MINIMUM RISE FROM CURB TOP TO SLAB FLOOR: 35" + 8"		43" (3.6')	28" (2.3')	
MINIMUM RISE FOR WOOD FLOOR USING 8" JOISTS: 35" + 9"		54" (4.5')	39" (3.3')	

\* WHERE THERE IS A HIGH BANK NEARBY OR A LONG SLOPE TOWARD HOUSE, A MINIMUM 6" PROTECTIVE SLOPE IS REQUIRED.  
 \*\* LENGTH DE =  $[1/2(\text{LOT WIDTH} - (2 \times \text{SWALE TURN RADIUS}))] - [\text{LOT WIDTH} \times (\text{STREET GRADIENT} \times \text{SWALE GRADIENT})]$

LOT TYPE A

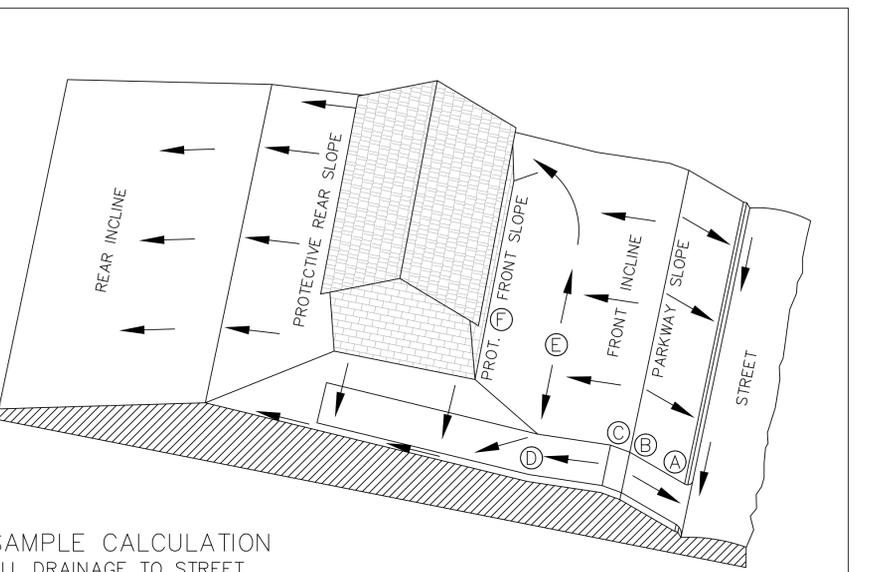


SAMPLE CALCULATION  
ALL DRAINAGE TO STREET

SAMPLE COMPUTATION OF GRADING CONTROL LINE AF FOR A 60' WIDE LOT WITH A 25' BUILDING LINE, 0.5% STREET, WITH 60' BUILDING DEPTH AND 2% SWALES.		RESULTS OF 1% SWALES		
A	CURB-TOP ON LOT LINE EXTENSION AT HIGH LOT CORNER			
AB	PARKWAY SLOPE: 15' GRASS AND WALK AT 1/4"/FT. (2%)	4" (0.3')	2" (0.2')	<b>CALCULATIONS FOR 2% SWALES</b> $15 \times 0.25" = 3\frac{3}{4}"$ $85 \times 0.25" = 21\frac{1}{4}"$ $6 \times 0.25" = 1\frac{1}{2}"$ <b>26\frac{1}{2}"</b>
BC	SIDE SWALE: 85' GRASS AT 1/4"/FT. (2%)	21" (1.8')	11" (0.9')	
CD*	PROTECTIVE SIDE SLOPE @ REAR BLDG. WALL EXTENSION	3" (0.3')	3" (0.3')	
SUB-TOTAL AD FROM CURB TOP TO GROUND AT REAL BLDG WALL		27" (2.4')	16" (1.4')	
MINIMUM RISE FROM CURB TOP TO SLAB FLOOR: 27" + 8"		35" (2.9')	24" (2.0')	
MINIMUM RISE FOR WOOD FLOOR USING 8" JOISTS: 35" + 9"		46" (3.8')	35" (2.9')	<b>CALCULATIONS USE 0.25" PER FOOT GRADIENT FOR A 2% SWALE.</b>

\* WHERE THERE IS A HIGH BANK NEARBY OR A LONG SLOPE TOWARD HOUSE, A MINIMUM 6" PROTECTIVE SLOPE IS REQUIRED.

LOT TYPE B



SAMPLE CALCULATION  
ALL DRAINAGE TO STREET

SAMPLE COMPUTATION OF GRADING CONTROL LINE AF FOR A 60' WIDE LOT WITH A 25' BUILDING LINE, 13.5% DRIVEWAY, AND 16' FRONT SWALE DE AT 2.0%.		RESULTS OF 1% SWALES		
A	CURB-TOP HIGH SIDE OF DRIVE NEAR LOW LOT CORNER			
AB	PARKWAY SLOPE: 15' GRASS AND WALK AT 1/4"/FT. (2%)	4" (0.3')	2" (0.2')	<b>CALCULATIONS FOR SWALES</b> $15 \times 0.25" = 3\frac{3}{4}"$ $0 \times 0.25" = 0"$ $-11 \times 1.625" = -17\frac{3}{4}"$ $16 \times 0.25" = 4"$ $10 \times 0.25" = 2\frac{1}{2}"$ $-7\frac{1}{2}"$
BC	DRIVEWAY GRADE CHANGE: 4' VERTICAL CURVE FROM UP- GRADE DRIVE IN STREET TO DOWN-GRADE DRIVE ON LOT	0" (0.0')	0" (0.0')	
CD	DRIVEWAY DOWN-GRADE TO POINT 10 FEET OUT FROM FRONT OF BUILDING: -11' AT 1 1/8"/FT (13.5%)	-18" (-1.5')	-18" (-1.5')	
DE	FRONT SWALE: 16' GRASS AT 1/4"/FT. (2%)	4" (0.3')	2" (0.2')	
EF*	PROT. FRONT SLOPE UP FROM HIGH POINT OF SWALES	3" (0.3')	3" (0.3')	
SUB-TOTAL AF FROM CURB TOP TO GROUND AT FRONT BLDG WALL		-7" (-1.0')	-11" (1.3')	<b>CALCULATION: USE 0.25" PER FOOT GRADIENT FOR A 2% SWALE.</b> <b>USE 1.625" PER FOOT GRADIENT FOR A 13.5% SWALE.</b>
MINIMUM RISE FROM CURB TOP TO SLAB FLOOR: -7" + 8"		1" (-0.3')	-3" (0.7')	
MINIMUM RISE FOR WOOD FLOOR USING 8" JOISTS: -7" + 19"		12" (-0.6')	8" (0.3')	

\* WHERE THERE IS A HIGH BANK NEARBY OR A LONG SLOPE TOWARD HOUSE, A MINIMUM 6" PROTECTIVE SLOPE IS REQUIRED.

LOT TYPE C

GENERAL SPECIFICATIONS FOR SITE PREPARATION

**GENERAL DESCRIPTION**  
 THIS ITEM SHALL CONSIST OF ALL CLEARING AND PREPARATION OF LAND TO BE FILLED, FILLING OF THE LAND, SPREADING, COMPACTION TESTING AND INSPECTION OF THE FILL, AND ALL SUBSIDIARY WORK NECESSARY TO COMPLETE THE GRADING OF THE CUT AND FILL AREAS TO CONFORM WITH THE LINES, GRADES AND SLOPES AS SHOWN ON THE APPROVED PLANS.

**SCARIFYING THE AREA TO BE FILLED**  
 ALL ORGANIC MATTER SHALL BE REMOVED FROM THE SURFACE UPON WHICH THE FILL IS TO BE PLACED, AND SURFACE SHALL BE DISKED OR SCARIFIED TO A MINIMUM DEPTH OF SIX INCHES (6"). ALL SURFACE RUTS OR OTHER UNEVEN FEATURES WILL BE LEVELED PRIOR TO FIELD DENSITY TESTING.

**COMPACTION OF THE AREA TO BE FILLED**  
 FOLLOWING THE CLEARING AND DISKING OR SCARIFYING OF THE FILL AREA, IT SHALL BE BLADED UNTIL IT IS UNIFORM AND FREE FROM LARGE CLODS. THE AREA SHALL BE BROUGHT TO ADEQUATE MOISTURE CONTENT AND COMPACTED (TYPICALLY) TO NOT LESS THAN NINETY PERCENT (90%) OF MAXIMUM DENSITY IN ACCORDANCE WITH THE CURRENT ASTM D 1557 COMPACTION PROCEDURE, OR 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH THE THD-TEX-113-C COMPACTION PROCEDURE. ALL AREAS EXCEEDING (6") SIX INCHES IN DEPTH, MUST MEET WITH FHWA/HUD HANDBOOK 4140.30 SPECIFICATIONS FOR LAND DEVELOPMENTS ON CONTROLLED EARTHWORK, DATASHEET 79G.

**FILL MATERIALS**  
 THE MATERIALS USED SHALL BE FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES, SUCH AS TREES, BRUSH AND RUBBISH.

**DEPTH AND MIXING OF FILL LAYERS**  
 THE SELECTED FILL MATERIAL SHALL BE PLACED IN LEVEL, UNIFORM LAYERS WHICH, WHEN COMPACTED, SHALL HAVE A DENSITY CONFORMING TO THE STIPULATED ABOVE. EACH LAYER SHALL BE THOROUGHLY MIXED DURING THE SPREADING TO ENSURE UNIFORMITY OF MATERIAL IN EACH LAYER. COMPACTED LAYER THICKNESS MAY VARY DEPENDING ON THE COMPACTION EQUIPMENT OF THE DEMONSTRATED CAPABILITY.

**ROCK**  
 WHEN FILL MATERIAL INCLUDES ROCK, THE MAXIMUM ROCK SIZE SHALL BE AS APPROVED BY THE GEOTECHNICAL ENGINEER. NO LARGE ROCKS SHALL BE ALLOWED TO NEST AND ALL VOIDS MUST BE FILLED WITH SMALL STONES OR SOIL AND ADEQUATELY COMPACTED.

**COMPACTION OF FILL LAYER**  
 COMPACTION EQUIPMENT SHALL BE CAPABLE OF COMPACTING THE FILL TO THE SPECIFIED DENSITY. COMPACTION SHALL BE ACCOMPLISHED WHILE THE FILL MATERIAL IS AT OR NEAR THE APPROPRIATE MOISTURE CONTENT. COMPACTION OF EACH LAYER SHALL BE CONTINUOUS OVER THE ENTIRE STRUCTURAL AREA (BENEATH PROPOSED STRUCTURES).

**COMPACTION OF SLOPES**  
 THE FACES OF FILL SLOPES SHALL BE COMPACTED. COMPACTING OPERATIONS SHALL BE CONTINUED UNTIL THE SLOPE FACES ARE STABLE BUT NOT TO DENSE FOR PLANTING ON THE SLOPES. COMPACTION OF THE SLOPE FACE MAY BE DONE PROGRESSIVELY IN INCREMENTS OF THREE TO FIVE FEET (3' TO 5') IN FILL HEIGHT AS THIS FILL PROGRESSES OR AFTER THE FILL HAS BEEN BROUGHT TO ITS TOTAL HEIGHT.

**DENSITY TEST**  
 FIELD DENSITY TESTS SHALL BE PERFORMED ON ALL LAYERS OF FILL WHEN THE FILL IS BEING PLACED AS DIRECTED BY THE GEOTECHNICAL ENGINEER. THE MAXIMUM FILL HEIGHT BETWEEN DENSITY TESTING SHALL BE TWELVE INCHES (12"). ALL TESTING SHALL BE REQUESTED BY THE CONTRACTOR TO MEET THE CONTRACTOR'S CONSTRUCTION SCHEDULE. NOTIFICATION BY THE CONTRACTOR TO CONDUCT TESTS SHALL BE AT LEAST THE DAY BEFORE. THIS NOTIFICATION SHALL INCLUDE THE FILL AREA LOCATION (LOT AND BLOCK), THE LIFT OR HEIGHT OF FILL AND APPROXIMATED DESIRED TIME OF TESTING. WHEN THESE TEST INDICATE THAT THE DENSITY OF ANY LAYER OF FILL OR PORTION THEREOF IS BELOW THE REQUIRED DENSITY, THE PARTICULAR LAYER OR PORTION SHALL BE REWORKED AND RETESTED AT THE EXPENSE OF THE CONTRACTOR UNLESS THE CONTRACTOR CAN SHOW EVIDENCE THAT CIRCUMSTANCES BEYOND HIS CONTROL REQUIRED THE RETESTING. GENERALLY, THE SPECIFIC TESTING WILL BE AS FOLLOWS AND CONDUCTED BY A GEO-TECHNICAL ENGINEER OR STAFF.

- THE LAND TO BE FILLED (PREPARED SUBGRADE) SHALL BE PREPARED AND TESTED AT A FREQUENCY AS DETERMINED BY THE GEOTECHNICAL ENGINEER.
- THE FIRST LIFT OF COMPACTED FILL (GENERALLY 8-12 IN.) SHALL BE TESTED AS DETERMINED BY THE GEOTECHNICAL ENGINEER. ANY AREAS SUPPORTING THE PROPOSED STRUCTURES REQUIRING FILL SHALL BE TESTED FOR DENSITY COMPLIANCE.
- FILLS SHALL BE TESTED AT A MAXIMUM OF EACH TWELVE INCHES (12") OF FILL.
- TEST RESULTS WILL BE PROVIDED BY THE FIELD TECHNICIAN TO THE CONTRACTOR WHEN POSSIBLE; HOWEVER, ALL TEST RESULTS ARE TO BE REVIEWED BY THE GEOTECHNICAL ENGINEER FOR COMPLIANCE. THE ENGINEER WILL NOTIFY THE CONTRACTOR OF ALL TEST RESULTS.

**CUT/FILL LOTS**  
 AREAS INVOLVING CUT ON THE PORTION AND FILL ON ANOTHER PORTION OF A SPECIFIC LOT SHALL BE PREPARED TO A MINIMUM DEPTH OF 6 IN., AND WILL BE THE SAME MATERIAL CLASSIFICATION AT THE SAME COMPACTION AND MOISTURE CONTENT. FIELD DENSITY TESTS SHALL BE REQUIRED ON EACH CUT/FILL LOT FOR THE PURPOSE OF DETERMINING UNIFORMITY OF THE AREA SUPPORTING THE PROPOSED STRUCTURES.

**HUD 79-G**  
 HUD 79-G REQUIREMENT FOR FILL MATERIAL OF 6 INCHES AND MORE WILL BE CONDUCTED. ALL CUT AREAS WILL ALSO MEET THE REQUIREMENTS FOR HUD 79-G COMPACTION TESTING. IN ADDITION, ENGINEERS MUST PROVIDE VERIFICATION OF ALL AREAS WHICH DO NOT REQUIRE HUD 79-G. AFTER SITE GRADING IS COMPLETED, GEO-TECHNICAL ENGINEER SHALL PROVIDE THE CONTRACTOR AND OWNER A 79-G LETTER.

**DRAINAGE NOTE**  
 FINISHED FLOOR ELEVATIONS  
 THE ELEVATION OF THE LOWEST FLOOR SHALL BE AT LEAST 10 INCHES ABOVE THE FINISHED GRADE OF THE SURROUNDING GROUND, WHICH SHALL BE SLOPED IN A FASHION SO AS TO DIRECT STORMWATER AWAY FROM THE STRUCTURE. PROPERTIES ADJACENT TO STORMWATER CONVEYANCE STRUCTURES MUST HAVE FLOOR SLAB ELEVATION OR BOTTOM OF FLOOR JOISTS A MINIMUM OF ONE FOOT ABOVE THE 100-YEAR WATER FLOW ELEVATION IN THE STRUCTURE. DRIVEWAYS SERVING HOUSES ON THE DOWNHILL SIDE OF THE STREET SHALL HAVE A PROPERLY SIZED CROSS SWALE PREVENTING RUNOFF FROM ENTERING THE GARAGE.



2/17/2026

**GRADING DETAILS**  
 TRINITY GROVE, UNIT 1  
 NEW BRAUNFELS, TEXAS

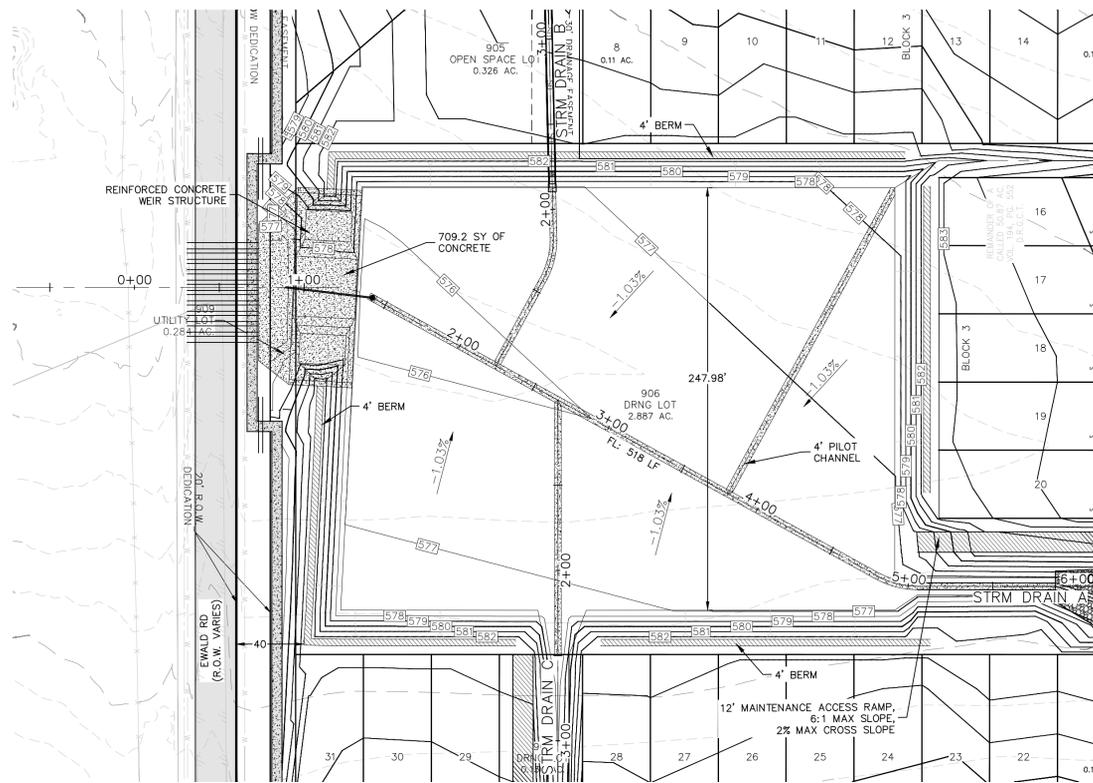
NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
 DRAWN BY: KWP  
 DESIGNED BY: AAO  
 REVIEWED BY: RDB  
 HMT PROJECT NO.: 011.041

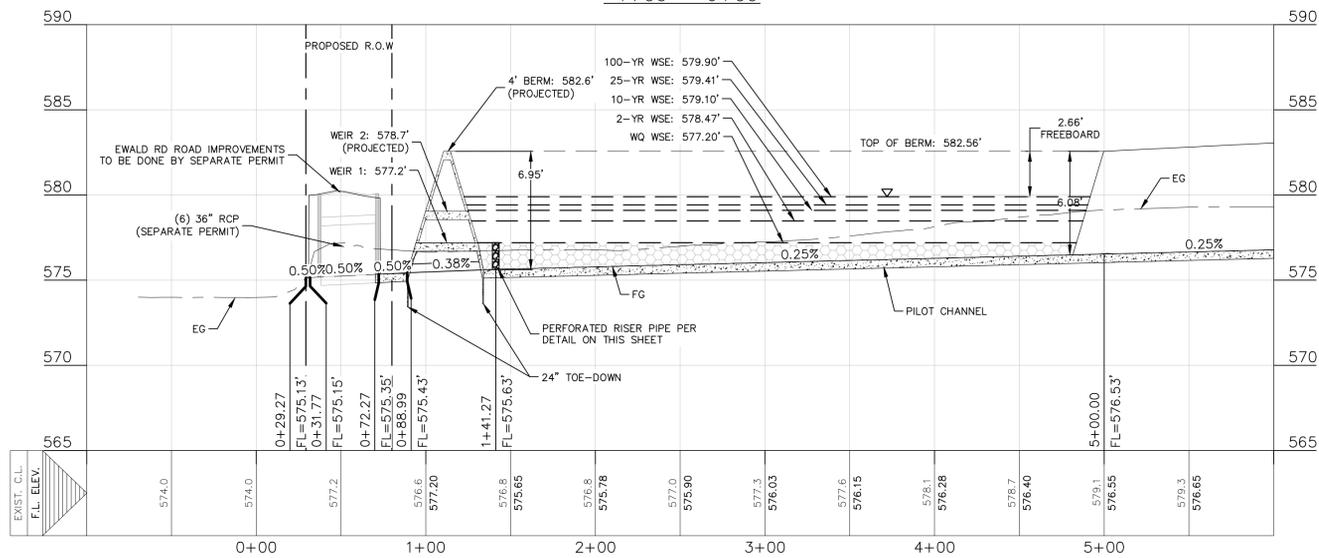
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**C4.01**



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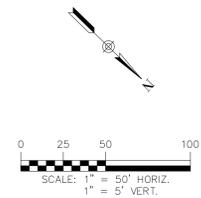


DETENTION BASIN A  
-1+00 - 6+00



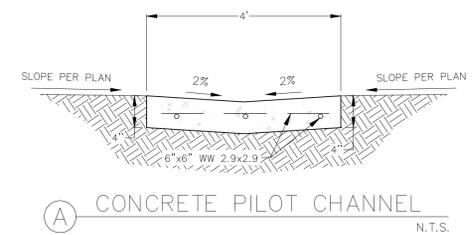
**LEGEND**

- EXISTING CONTOURS
- PROPOSED CONTOURS
- B.L. BUILDING SETBACK LINE
- U.E. UTILITY EASEMENT
- D.E. DRAINAGE EASEMENT
- S.B.C. SINGLE BOX CULVERT
- PROPOSED STORM DRAIN LINE
- UTILITY CROSSING



**Extended Detention Basin Summary**

	Units	2-YR	10-YR	25-YR	100-YR
Peak Discharge	CFS	167.67	352.38	492.91	760.12
Peak Storage Volume	Cu. Ft.	201,823	256,798	284,394	329,055
Water Surface Elevation	Ft.	578.47	579.1	579.41	579.9
Feeboard	Ft.	4.03	3.4	3.09	2.6
Time to Drain	Hrs.	25.71	25.7	26.07	26.19



**DRAINAGE FEATURES, DETENTION BASIN MAINTENANCE AND EQUIPMENT ACCESS REQUIREMENTS:**

SILT SHALL BE REMOVED AND THE BASIN RETURNED TO ORIGINAL LINES AND GRADES WHEN STANDING WATER CONDITIONS OCCUR OR THE BASIN STORAGE VOLUME IS REDUCED BY MORE THAN 10%.

- A. TO LIMIT EROSION, NO UNVEGETATED AREA SHALL EXCEED 10 SQ. FT. IN EXTENT.
- B. ACCUMULATED PAPER, TRASH, AND DEBRIS SHALL BE REMOVED EVERY 6 MONTHS OR AS NECESSARY TO MAINTAIN PROPER OPERATION.
- C. BASINS SHALL BE MOWED ANNUALLY BETWEEN THE MONTHS OF JUNE AND SEPTEMBER.
- D. CORRECTIVE MAINTENANCE IS REQUIRED ANY TIME A BASIN DOES NOT DRAIN COMPLETELY WITHIN 60 HOURS OR CESSATION OF INFLOW (IE: NO STANDING WATER IS ALLOWED).
- E. STRUCTURAL INTEGRITY OF BASINS SHALL BE MAINTAINED AT ALL TIMES.
- F. MAINTENANCE VEHICLE FOR POND ACCESS SHOULD BE A BOBCAT S175 SKID STEER LOADER OR VEHICLE OF EQUAL TO LESSER SIZE.
- G. COMPACTION OF ALL EARTHEN EMBANKMENTS SHALL HAVE A NONPERMEABLE CORE AND SHALL BE COMPACTED TO 90% STANDARD PROCTOR.

REFER TO THE COVER SHEET FOR BENCHMARK INFORMATION.

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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

**DETENTION BASIN A**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

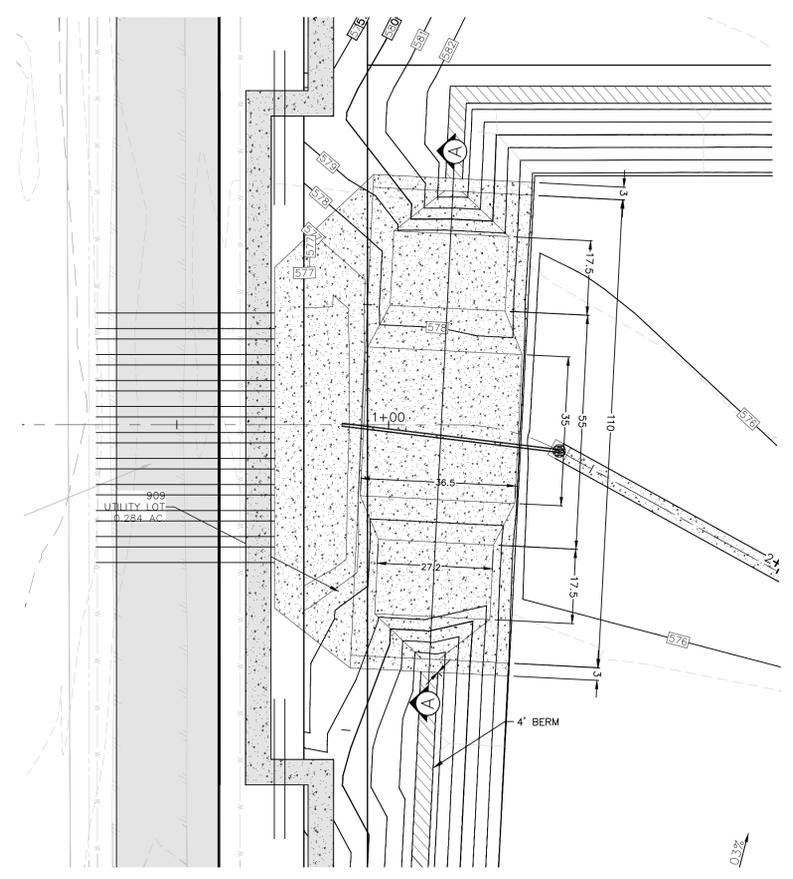
NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB

HMT PROJECT NO.: 011.041

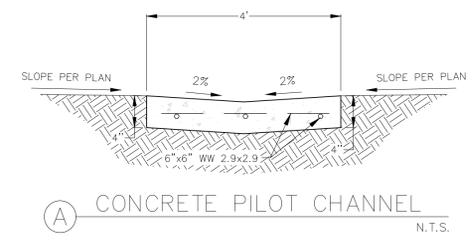
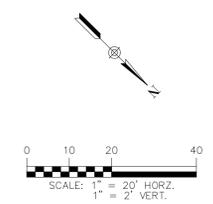
**SHEET**  
**C5.01**

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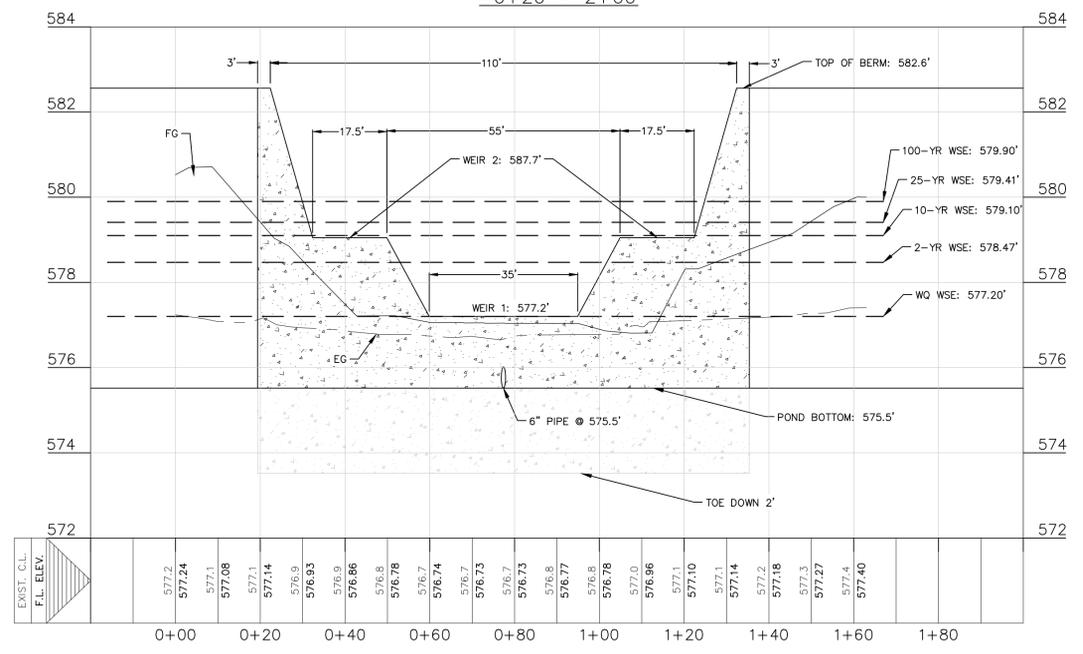


**LEGEND**

---	EXISTING CONTOURS
---	PROPOSED CONTOURS
---	B.L. BUILDING SETBACK LINE
---	U.E. UTILITY EASEMENT
---	D.E. DRAINAGE EASEMENT
---	S.B.C. SINGLE BOX CULVERT
---	PROPOSED STORM DRAIN LINE
⊗	UTILITY CROSSING



OUTFALL SECTION A-A  
-0+20 - 2+00



**DRAINAGE FEATURES, DETENTION BASIN MAINTENANCE AND EQUIPMENT ACCESS REQUIREMENTS:**

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- A. TO LIMIT EROSION, NO UNVEGETATED AREA SHALL EXCEED 10 SQ. FT. IN EXTENT.
- B. ACCUMULATED PAPER, TRASH, AND DEBRIS SHALL BE REMOVED EVERY 6 MONTHS OR AS NECESSARY TO MAINTAIN PROPER OPERATION.
- C. BASINS SHALL BE MOWED ANNUALLY BETWEEN THE MONTHS OF JUNE AND SEPTEMBER.
- D. CORRECTIVE MAINTENANCE IS REQUIRED ANY TIME A BASIN DOES NOT DRAIN COMPLETELY WITHIN 60 HOURS OR CESSATION OF INFLOW (IE: NO STANDING WATER IS ALLOWED).
- E. STRUCTURAL INTEGRITY OF BASINS SHALL BE MAINTAINED AT ALL TIMES.
- F. MAINTENANCE VEHICLE FOR POND ACCESS SHOULD BE A BOBCAT S175 SKID STEER LOADER OR VEHICLE OF EQUAL TO LESSER SIZE.
- G. COMPACTION OF ALL EARTHEN EMBANKMENTS SHALL HAVE A NONPERMEABLE CORE AND SHALL BE COMPACTED TO 90% STANDARD PROCTOR.

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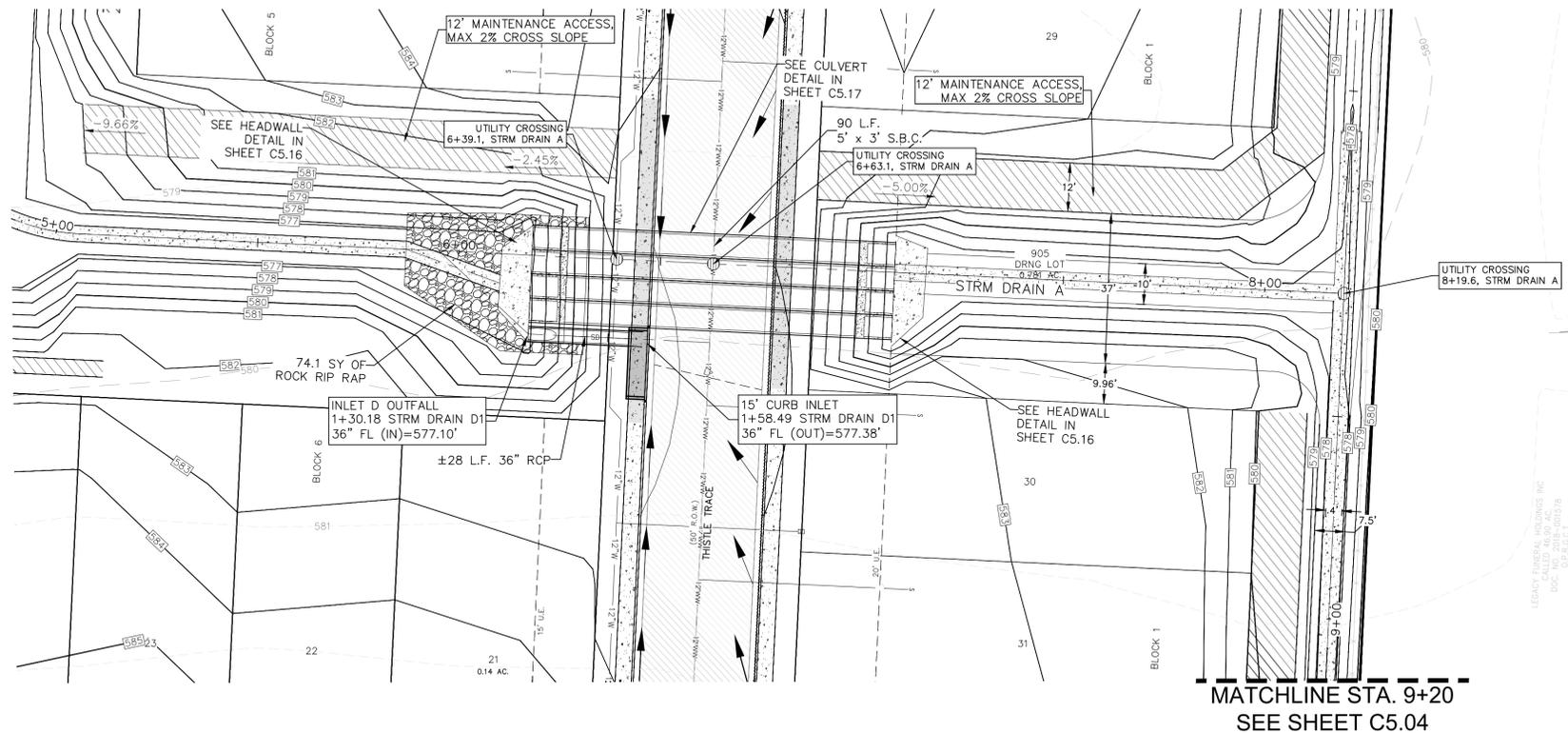
**DETENTION BASIN OUTFALL**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
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REVIEWED BY: RDB  
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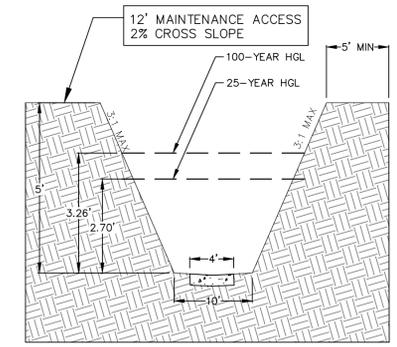
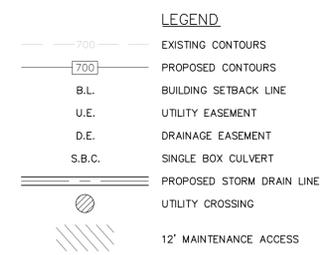
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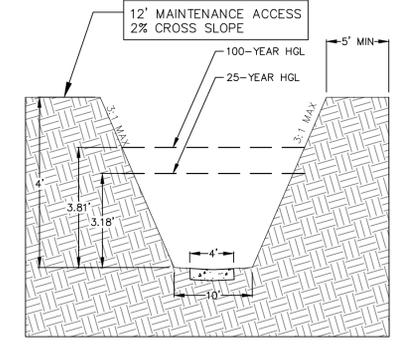


**DRAINAGE FEATURES, DETENTION BASIN MAINTENANCE AND EQUIPMENT ACCESS REQUIREMENTS:**

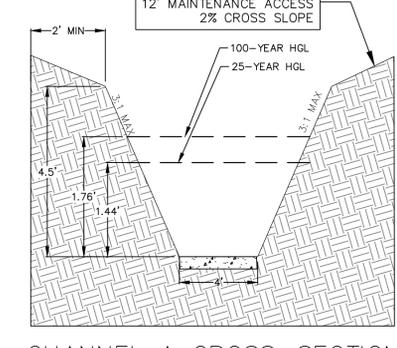
- SILT SHALL BE REMOVED AND THE BASIN RETURNED TO ORIGINAL LINES AND GRADES WHEN STANDING WATER CONDITIONS OCCUR OR THE BASIN STORAGE VOLUME IS REDUCED BY MORE THAN 10%.
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CHANNEL A CROSS-SECTION  
STA: 5+00 TO 6+18  
N.T.S.



CHANNEL A CROSS-SECTION  
STA: 7+08 TO 8+50  
N.T.S.

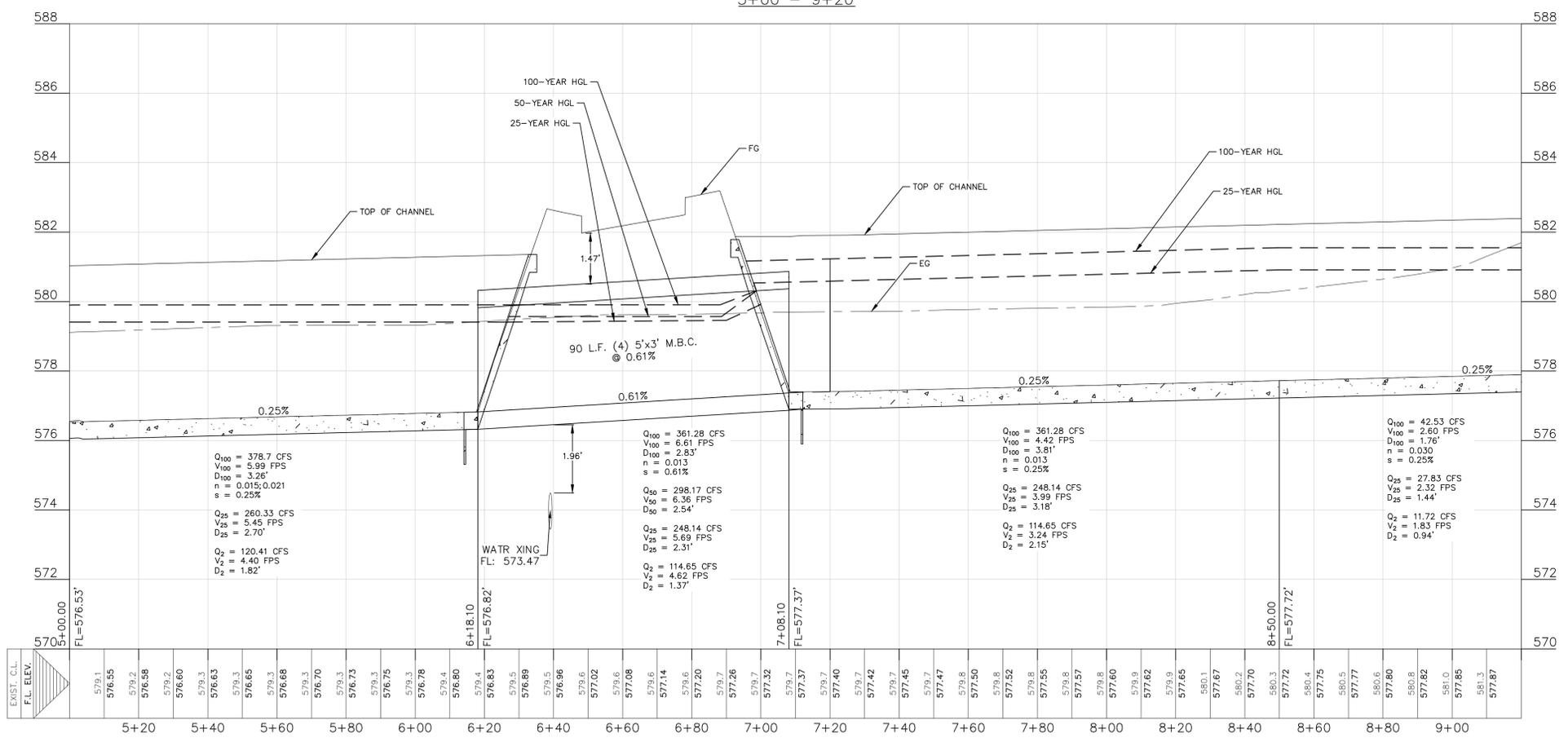


CHANNEL A CROSS-SECTION  
STA: 8+50 TO 9+65  
N.T.S.

REFER TO THE COVER SHEET FOR BENCHMARK INFORMATION.

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**STRM DRAIN A  
5+00 - 9+20**



290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

**STORM DRAIN A PLAN  
& PROFILE (1 OF 2)**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

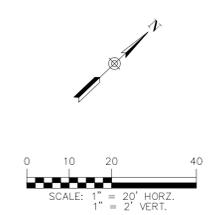
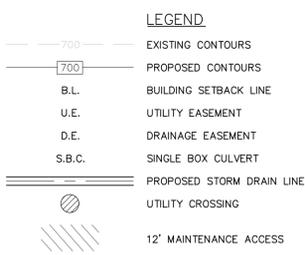
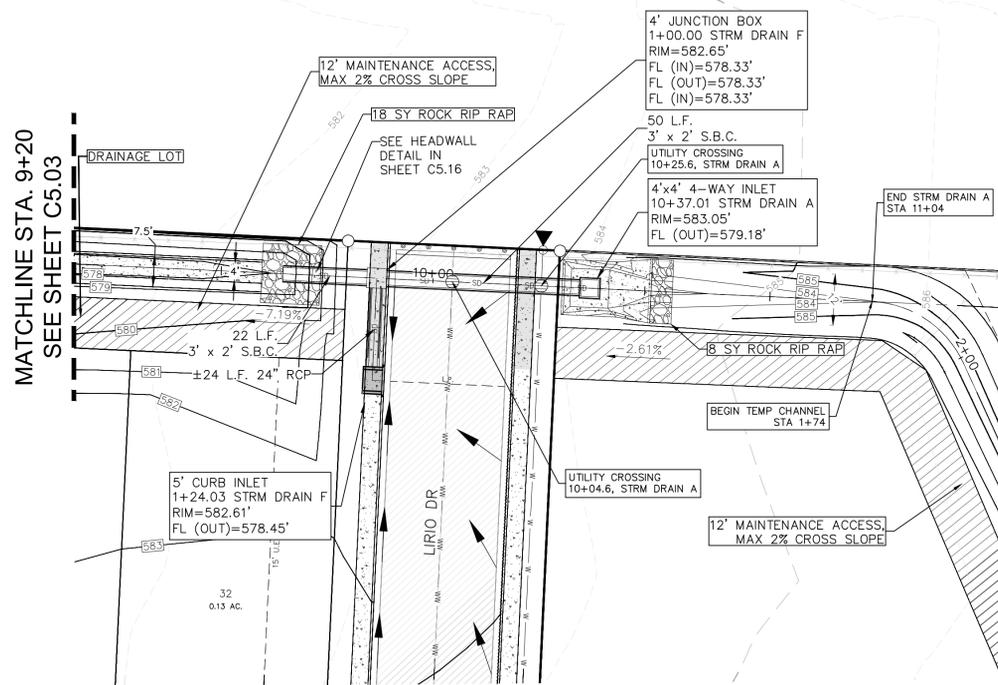
NO.	REVISION DATE	REVISION DESCRIPTION

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB

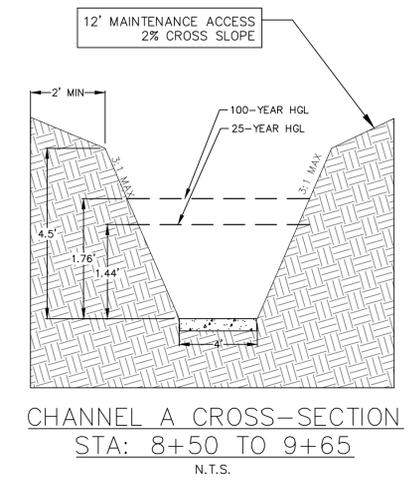
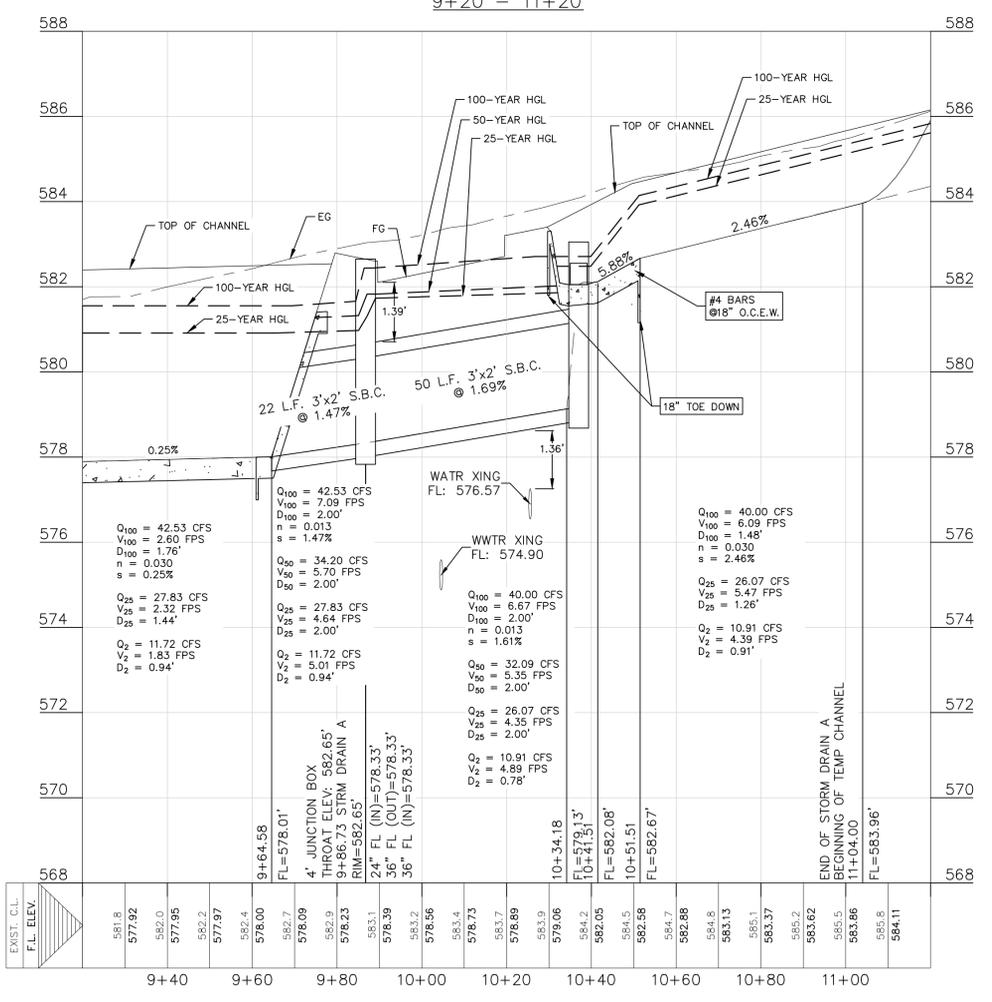
HMT PROJECT NO.: 011.041

**SHEET  
C5.03**

Drawing Name: N:\Projects\011 - RB Home\011.041 - Trinity Grove Unit 1\CDS - Unit 1\011.041 - STRM PMP.dwg User: ellis-d Feb 17, 2026 - 9:22am



STRM DRAIN A  
9+20 - 11+20



CHANNEL A CROSS-SECTION  
STA: 8+50 TO 9+65  
N.T.S.

**DRAINAGE FEATURES, DETENTION BASIN MAINTENANCE AND EQUIPMENT ACCESS REQUIREMENTS:**

SILT SHALL BE REMOVED AND THE BASIN RETURNED TO ORIGINAL LINES AND GRADES WHEN STANDING WATER CONDITIONS OCCUR OR THE BASIN STORAGE VOLUME IS REDUCED BY MORE THAN 10%.

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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600

Robert Drew Burnette  
15495  
PROFESSIONAL ENGINEER  
State of Texas

2/17/2026

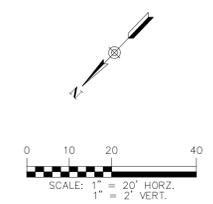
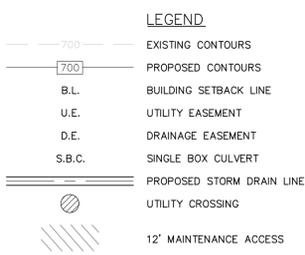
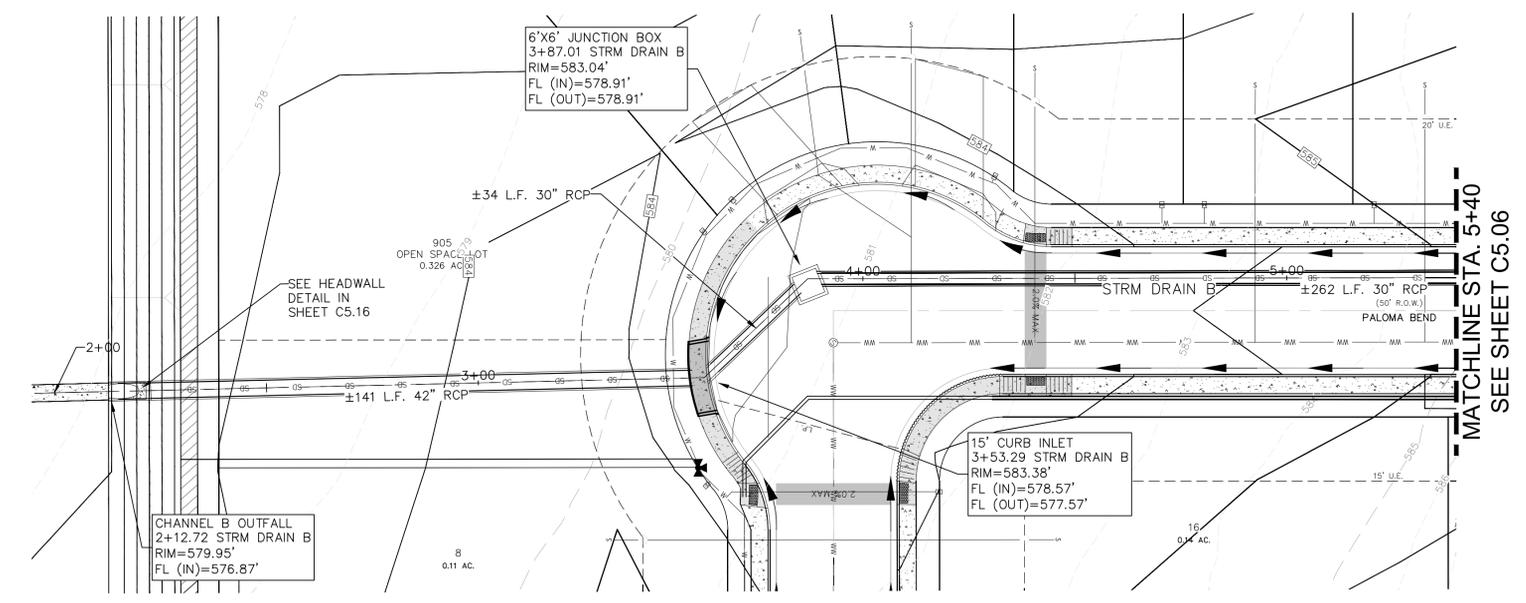
**STORM DRAIN A PLAN & PROFILE (2 OF 2)**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

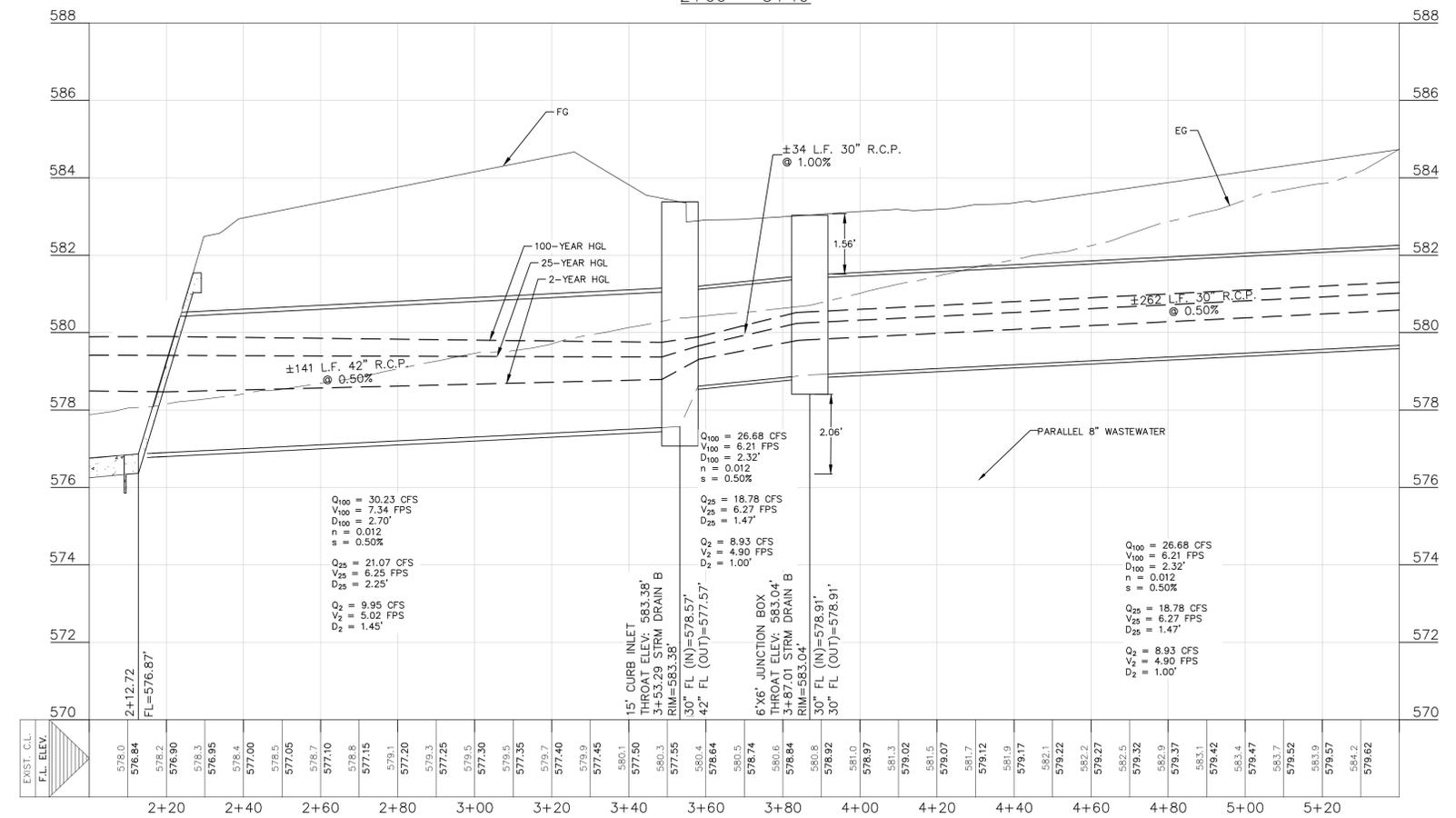
DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB

HMT PROJECT NO.: 011.041  
**SHEET C5.04**

Drawing Name: N:\Projects\011 - RB Home\011.041 - Trinity Grove Unit 1\CDS - Unit 1\011.041 - STRM.PWP User: ellis-d Feb 17, 2026 - 9:22am



STRM DRAIN B  
2+00 - 5+40



**DRAINAGE FEATURES, DETENTION BASIN MAINTENANCE AND EQUIPMENT ACCESS REQUIREMENTS:**

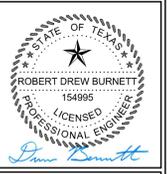
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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

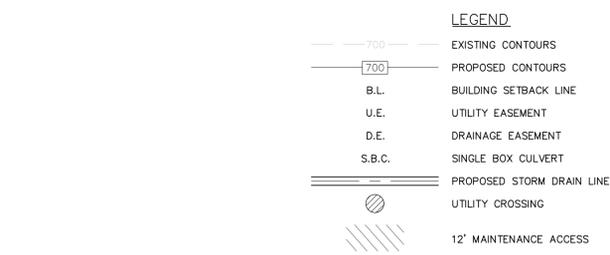
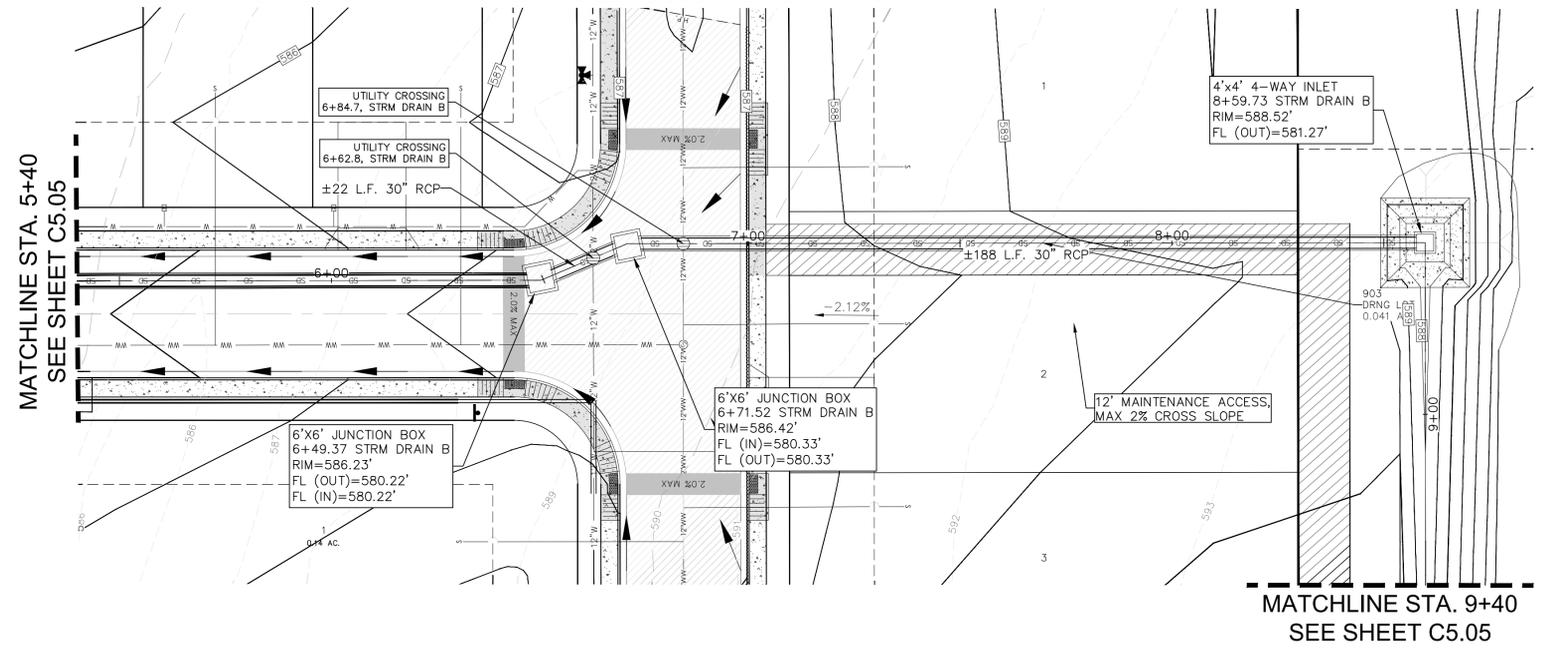
**STORM DRAIN B PLAN & PROFILE (1 OF 3)**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

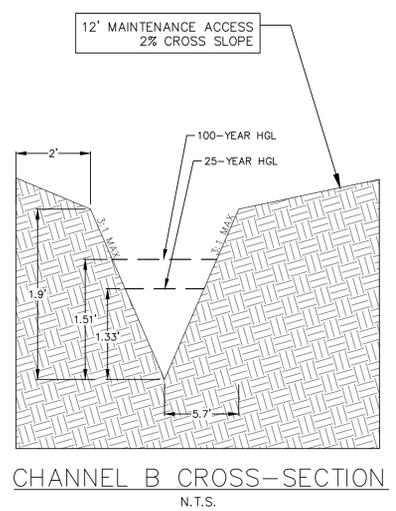
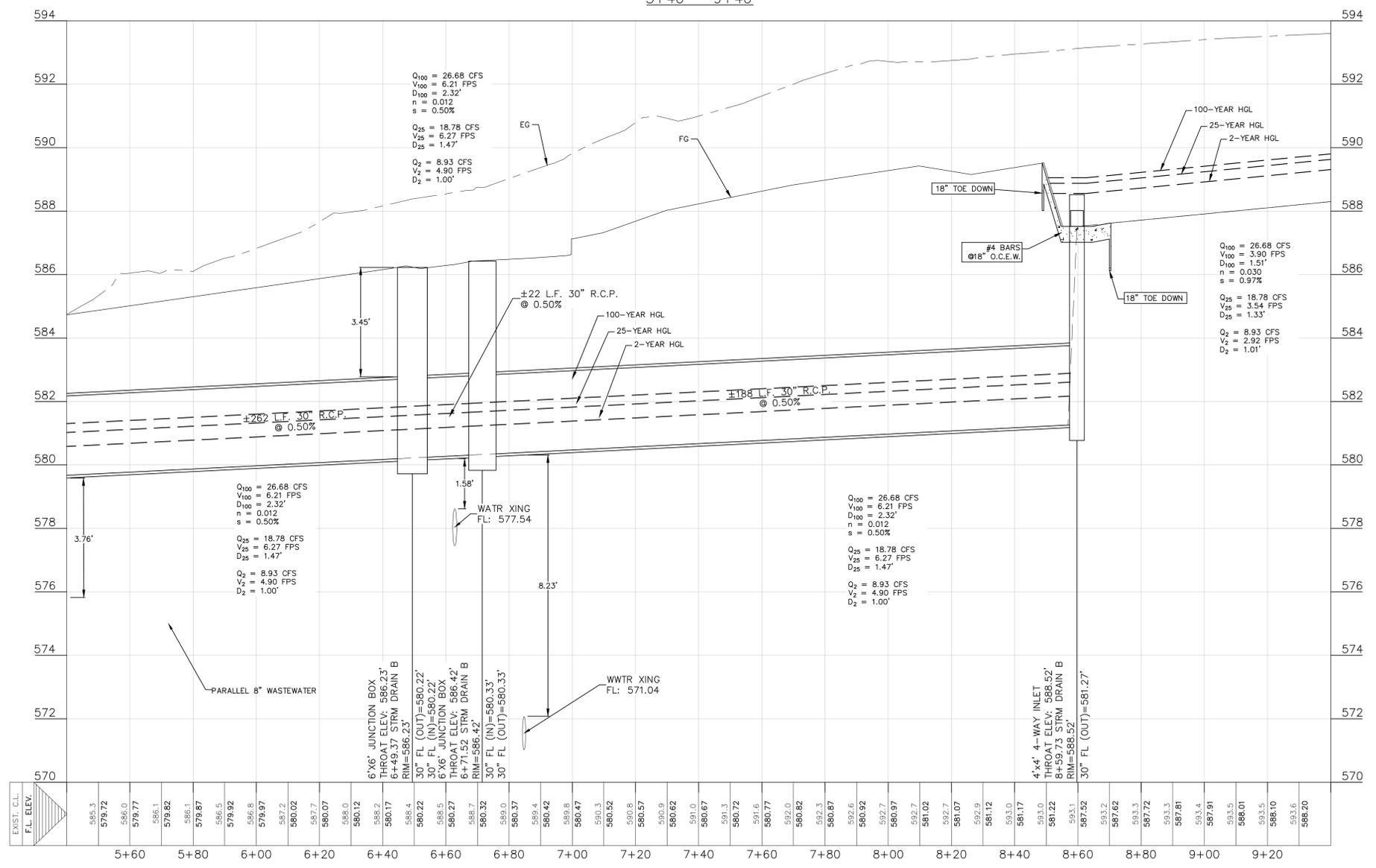
DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB

HMT PROJECT NO.: 011.041  
**SHEET C5.05**

Drawing Name: N:\Projects\011 - RB Homes\011.041 - Trinity Grove Unit 1\CDS - Unit 1\011.041 - STRM.PWP User: ellis-d Feb 17, 2026 - 9:22am



STRM DRAIN B  
5+40 - 9+40



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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

**STORM DRAIN B PLAN & PROFILE (2 OF 3)**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

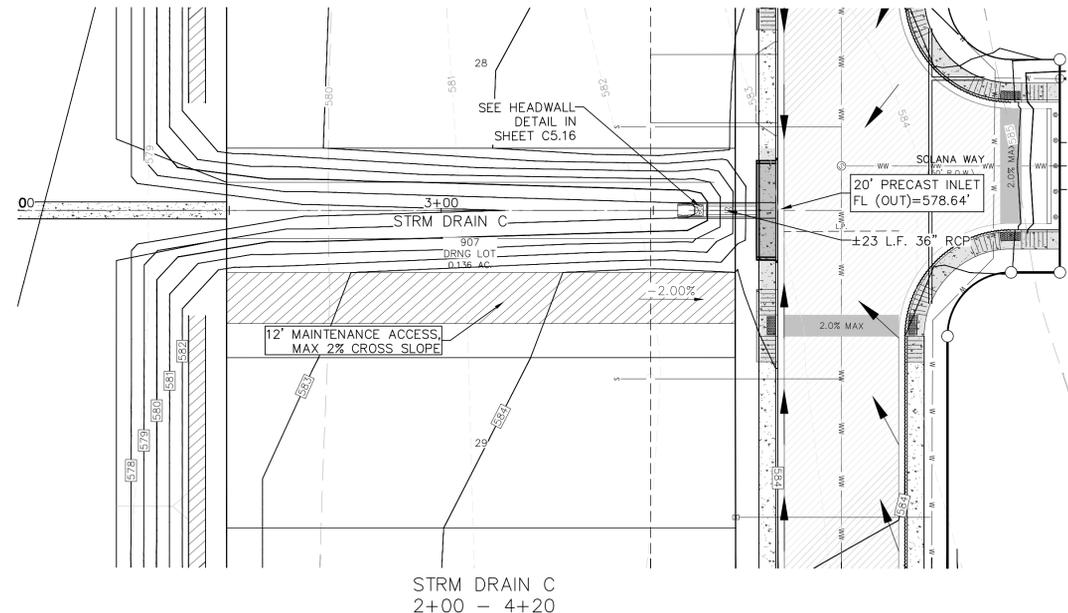
NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB

HMT PROJECT NO.: 011.041

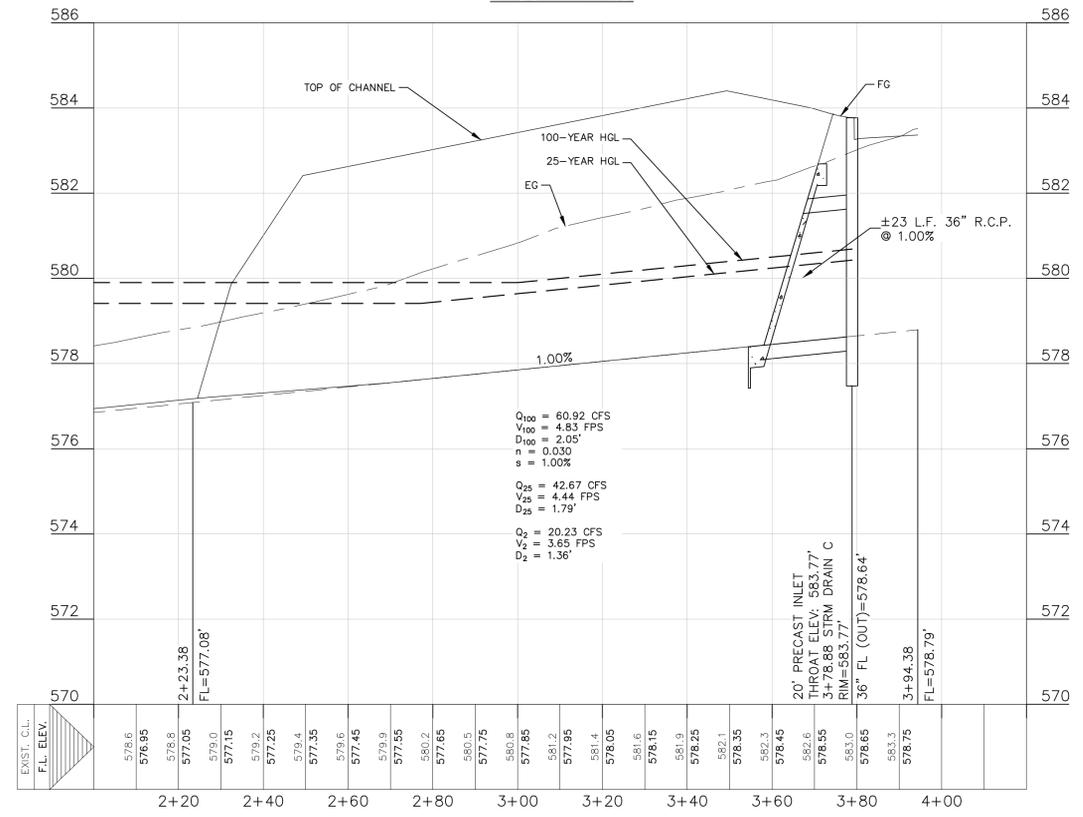
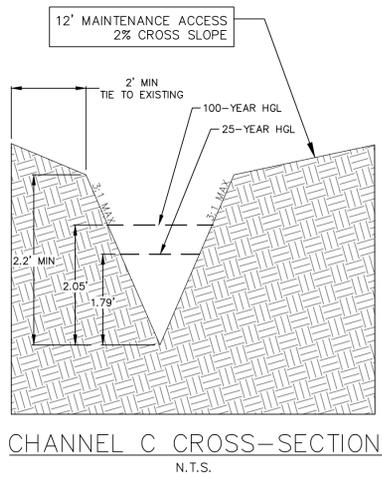
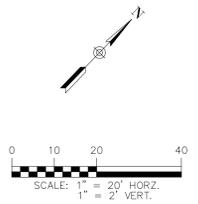
**SHEET C5.06**





**LEGEND**

- 700 --- EXISTING CONTOURS
- 700 --- PROPOSED CONTOURS
- B.L. BUILDING SETBACK LINE
- U.E. UTILITY EASEMENT
- D.E. DRAINAGE EASEMENT
- S.B.C. SINGLE BOX CULVERT
- PROPOSED STORM DRAIN LINE
- UTILITY CROSSING
- ▨ 12' MAINTENANCE ACCESS



**DRAINAGE FEATURES, DETENTION BASIN MAINTENANCE AND EQUIPMENT ACCESS REQUIREMENTS:**

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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

**STORM DRAIN C  
PLAN & PROFILE**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

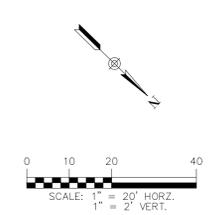
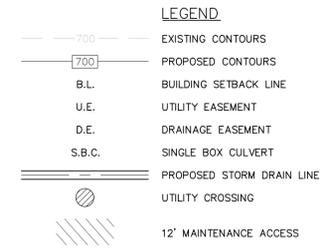
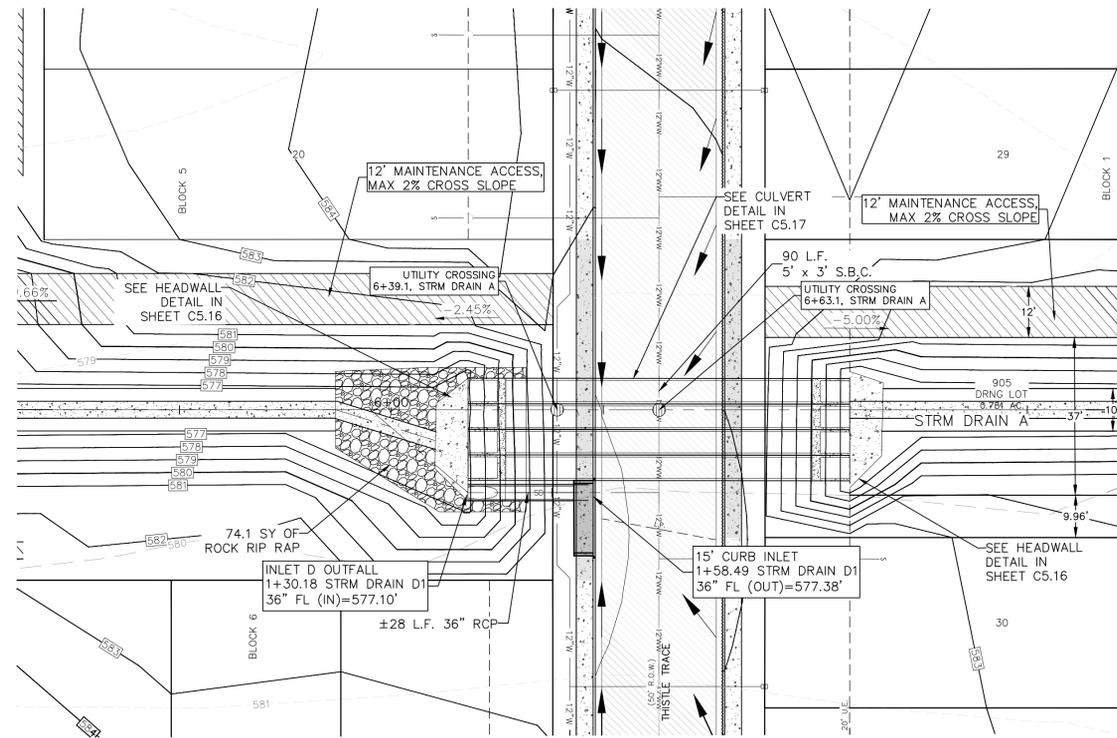
NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB

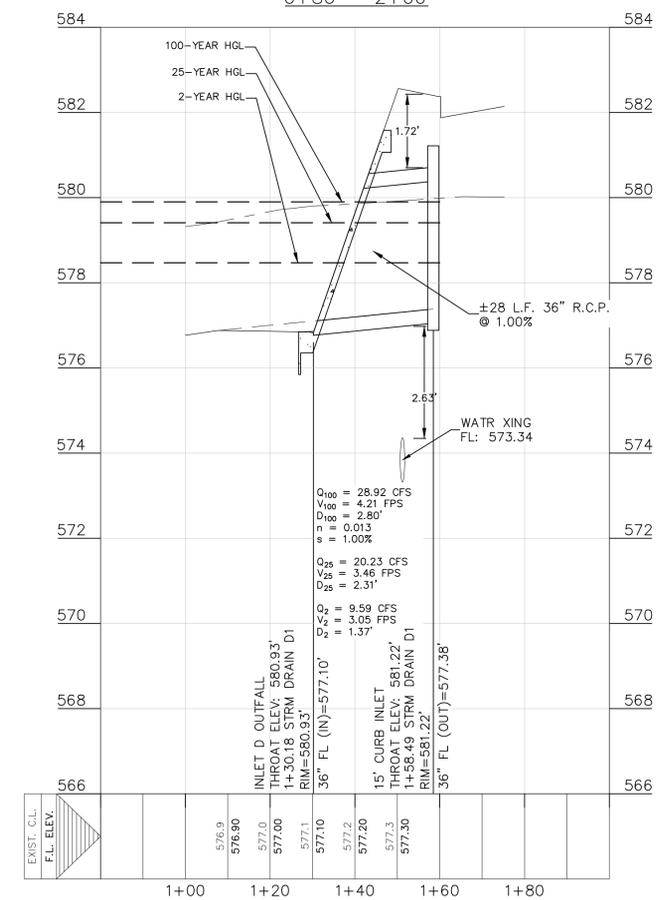
HMT PROJECT NO.: 011.041

**SHEET  
C5.08**

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STRM DRAIN D1  
0+80 - 2+00



**DRAINAGE FEATURES, DETENTION BASIN MAINTENANCE AND EQUIPMENT ACCESS REQUIREMENTS:**

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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

**STORM DRAIN D**  
**PLAN & PROFILE**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB  
HMT PROJECT NO.: 011.041

**SHEET**  
**C5.09**

Drawing Name: N:\Projects\011 - TB Homes\011.041 - Trinity Grove Unit 1\CDs - Unit 1\011.041 - STRM PMP.dwg User: ellis-d Feb 17, 2026 - 9:22am

4' JUNCTION BOX  
1+00.00 STRM DRAIN  
RIM=582.65'  
FL (IN)=578.33'  
FL (OUT)=578.33'  
FL (IN)=578.33'

4'x4' 4-WAY INLET  
10+37.01 STRM DRAIN A  
RIM=583.05'  
FL (OUT)=579.18'

4'x4' 4-WAY INLET  
10+37.01 STRM DRAIN A  
RIM=583.05'  
FL (OUT)=579.18'

5' CURB INLET  
1+24.03 STRM DRAIN F  
RIM=582.61'  
FL (OUT)=578.45'

22 L.F.  
3' x 2' S.B.C.

±24 L.F. 24" RCP

12' MAINTENANCE ACCESS  
MAX 2% CROSS SLOPE

18 SY ROCK RIP RAP

SEE HEADWALL  
DETAIL IN  
SHEET C5.16

18 SY ROCK RIP RAP

12' MAINTENANCE ACCESS  
MAX 2% CROSS SLOPE

±24 L.F. 24" RCP

5' CURB INLET  
1+24.03 STRM DRAIN F  
RIM=582.61'  
FL (OUT)=578.45'

22 L.F.  
3' x 2' S.B.C.

±24 L.F. 24" RCP

12' MAINTENANCE ACCESS  
MAX 2% CROSS SLOPE

SEE HEADWALL  
DETAIL IN  
SHEET C5.16

18 SY ROCK RIP RAP

12' MAINTENANCE ACCESS  
MAX 2% CROSS SLOPE

±24 L.F. 24" RCP

5' CURB INLET  
1+24.03 STRM DRAIN F  
RIM=582.61'  
FL (OUT)=578.45'

22 L.F.  
3' x 2' S.B.C.

±24 L.F. 24" RCP

12' MAINTENANCE ACCESS  
MAX 2% CROSS SLOPE

SEE HEADWALL  
DETAIL IN  
SHEET C5.16

18 SY ROCK RIP RAP

12' MAINTENANCE ACCESS  
MAX 2% CROSS SLOPE

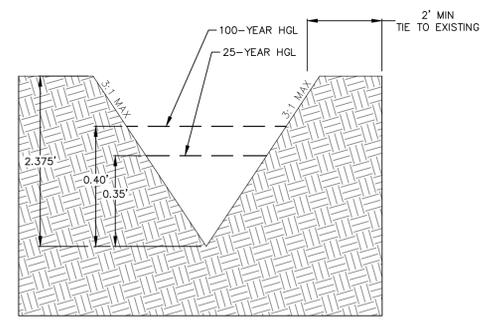
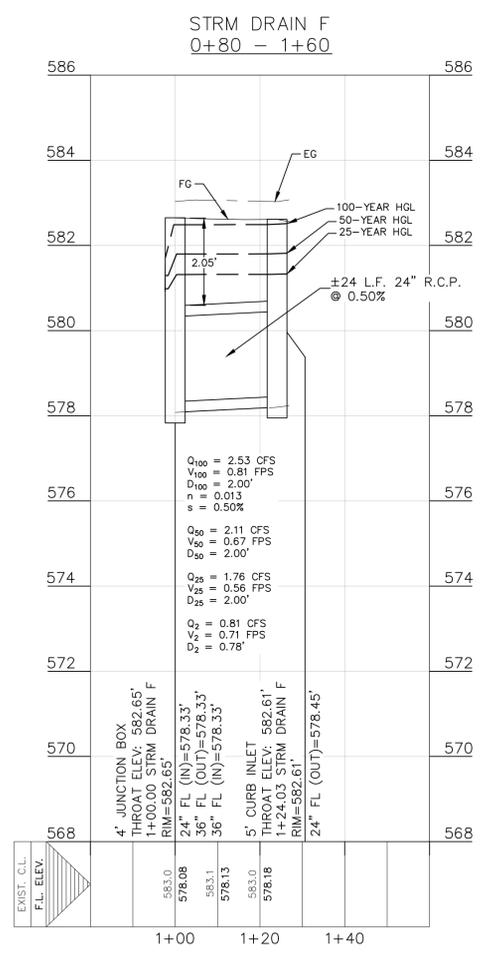
±24 L.F. 24" RCP

5' CURB INLET  
1+24.03 STRM DRAIN F  
RIM=582.61'  
FL (OUT)=578.45'

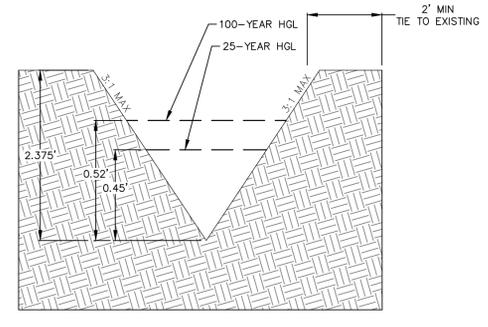
22 L.F.  
3' x 2' S.B.C.

±24 L.F. 24" RCP

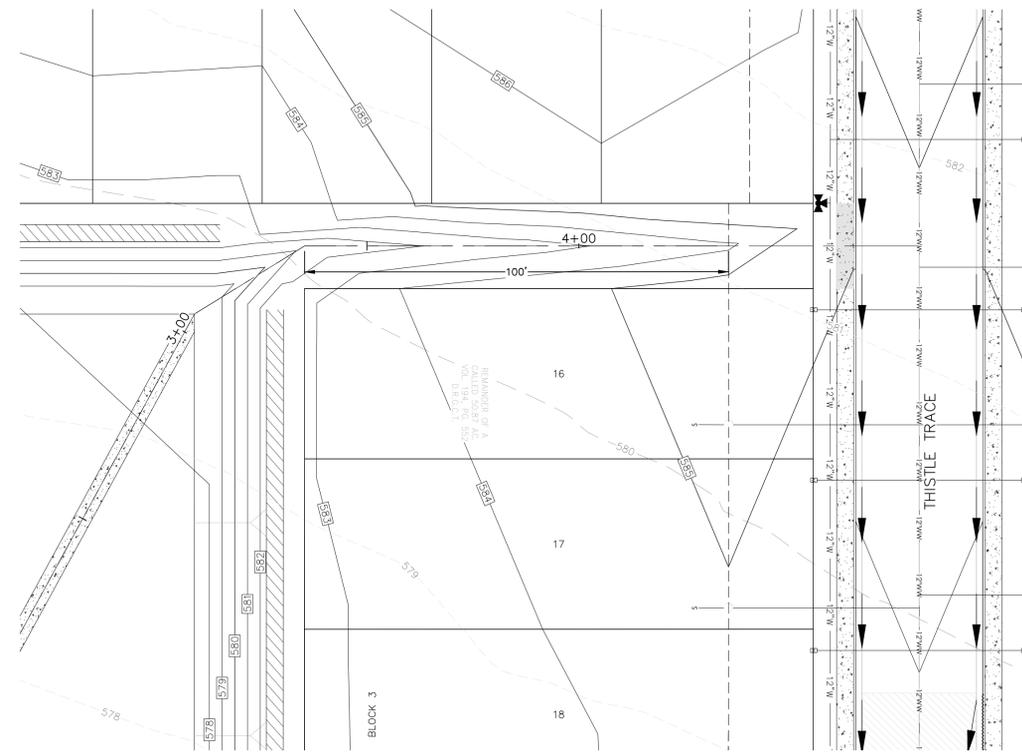
SCALE: 1" = 20' HORZ.  
1" = 2' VERT.



CHANNEL G CROSS-SECTION  
STA: 3+20 TO 3+35  
N.T.S.

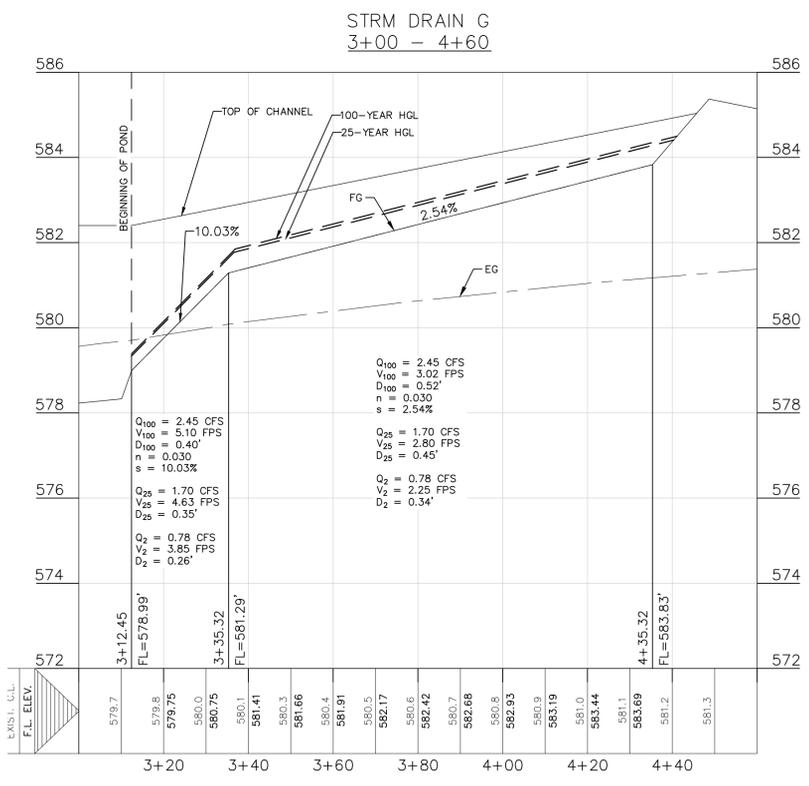


CHANNEL G CROSS-SECTION  
STA: 3+35 TO 4+35  
N.T.S.



**LEGEND**  
 --- 700 --- EXISTING CONTOURS  
 --- 700 --- PROPOSED CONTOURS  
 B.L. BUILDING SETBACK LINE  
 U.E. UTILITY EASEMENT  
 D.E. DRAINAGE EASEMENT  
 S.B.C. SINGLE BOX CULVERT  
 --- --- PROPOSED STORM DRAIN LINE  
 --- --- UTILITY CROSSING  
 --- --- 12' MAINTENANCE ACCESS

SCALE: 1" = 20' HORZ.  
1" = 2' VERT.



**DRAINAGE FEATURES, DETENTION BASIN MAINTENANCE AND EQUIPMENT ACCESS REQUIREMENTS:**

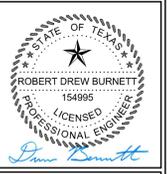
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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

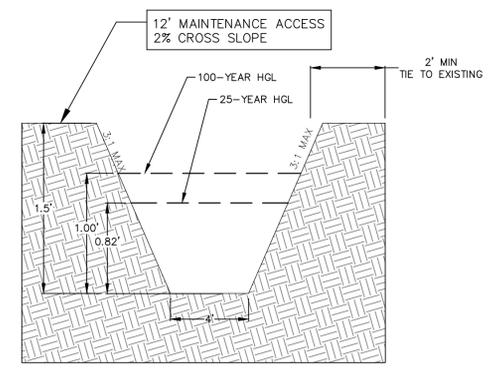
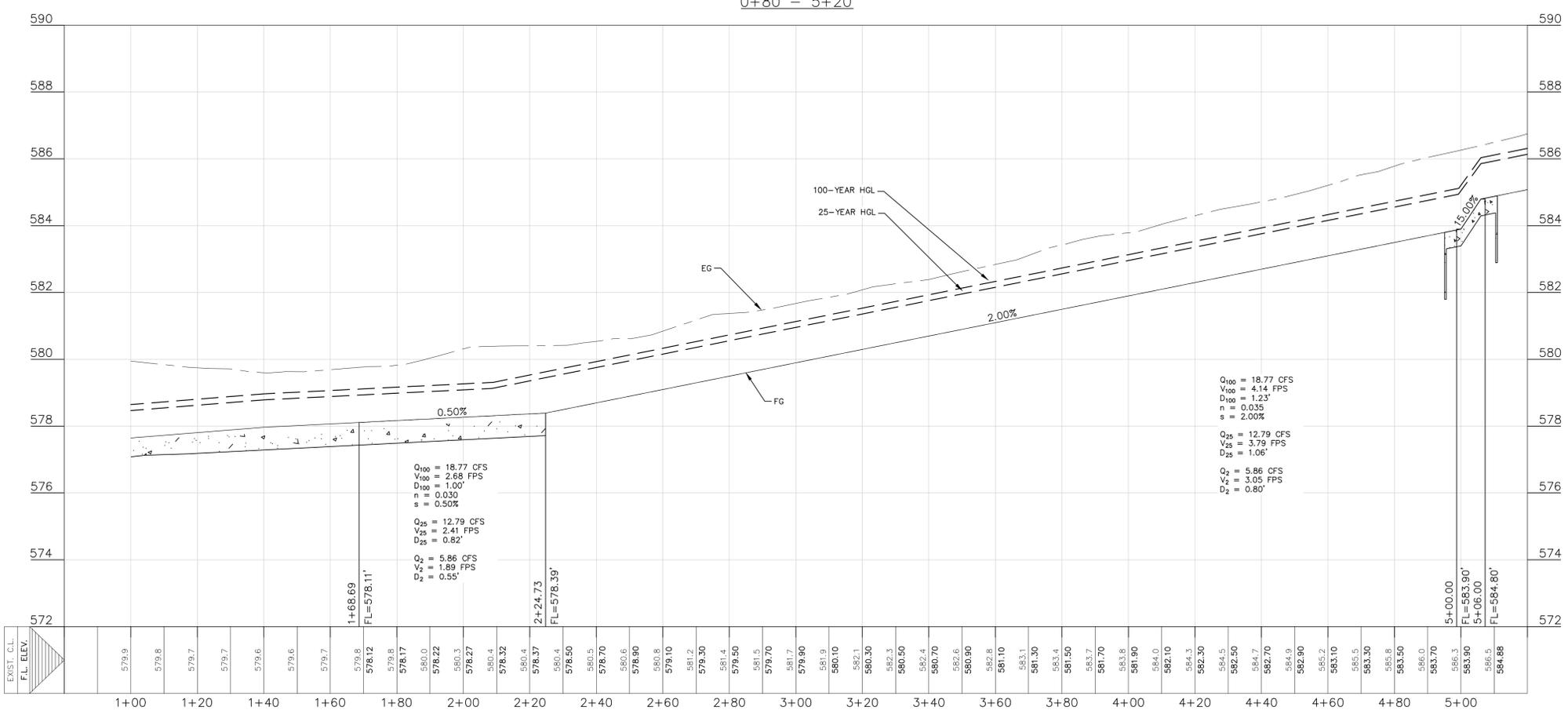
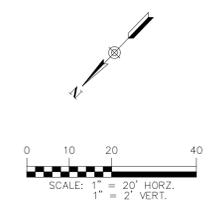
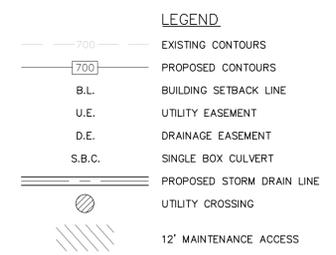
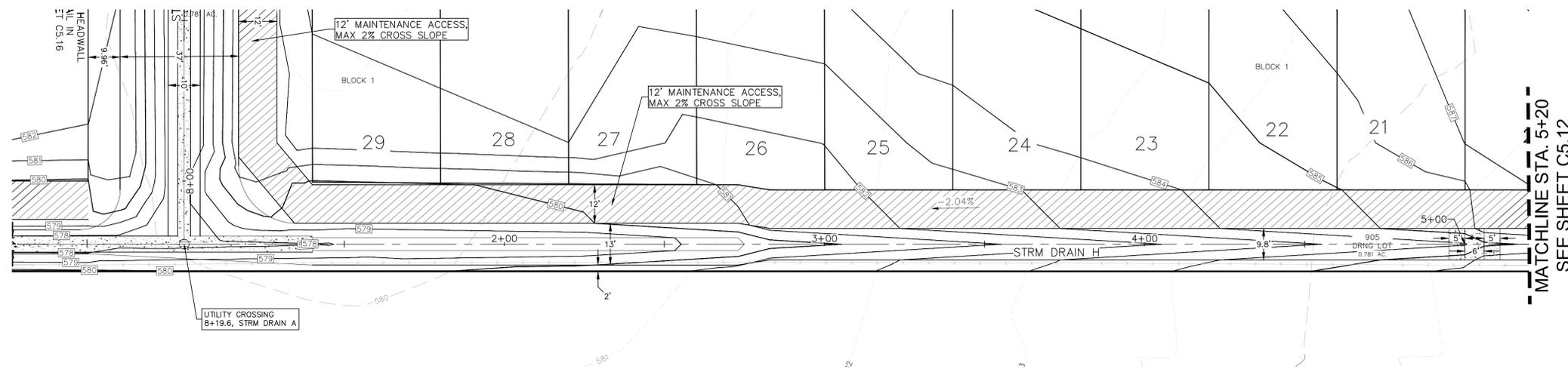
**STORM DRAINS F & G  
PLAN & PROFILES**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

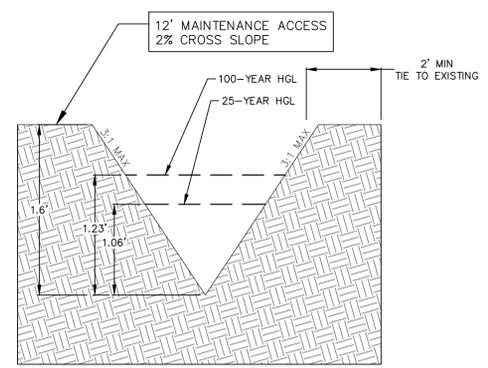
DATE: FEBRUARY 2026  
 DRAWN BY: KWP  
 DESIGNED BY: AAO  
 REVIEWED BY: RDB  
 HMT PROJECT NO.: 011.041

**SHEET  
C5.10**

Drawing Name: N:\Projects\011 - RB Home\011.041 - Trinity Grove Unit 1\CDS - Unit 1\011.041 - STRM.PWP.dwg User: ellis-d Feb 17, 2026 - 9:22am



CHANNEL H CROSS-SECTION  
STA: 1+00 TO 2+60  
N.T.S.



CHANNEL H CROSS-SECTION  
STA: 2+60 TO 6+50  
N.T.S.

**DRAINAGE FEATURES, DETENTION BASIN MAINTENANCE AND EQUIPMENT ACCESS REQUIREMENTS:**

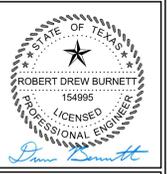
SILT SHALL BE REMOVED AND THE BASIN RETURNED TO ORIGINAL LINES AND GRADES WHEN STANDING WATER CONDITIONS OCCUR OR THE BASIN STORAGE VOLUME IS REDUCED BY MORE THAN 10%.

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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

**STORM DRAIN H PLAN & PROFILE (1 OF 2)**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

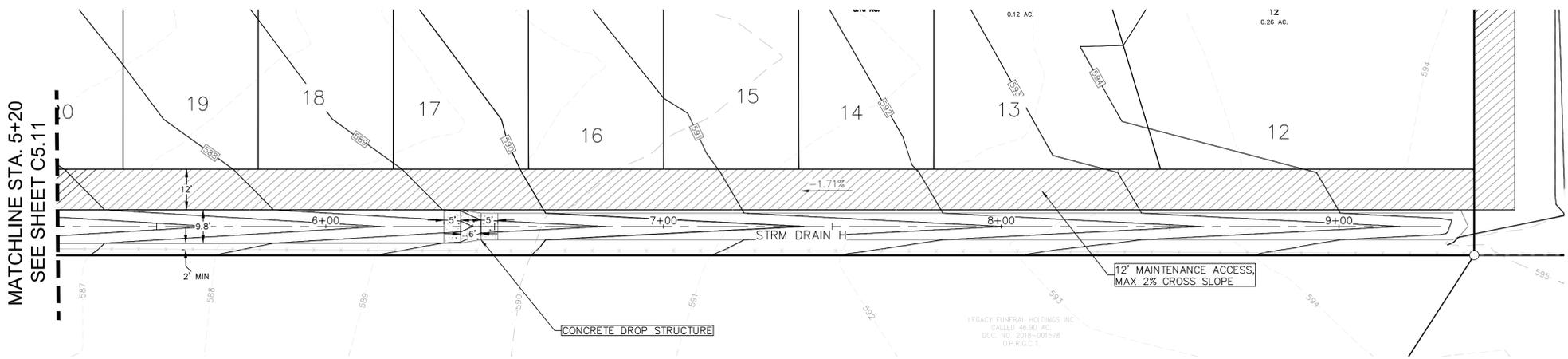
NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB

HMT PROJECT NO.: 011.041

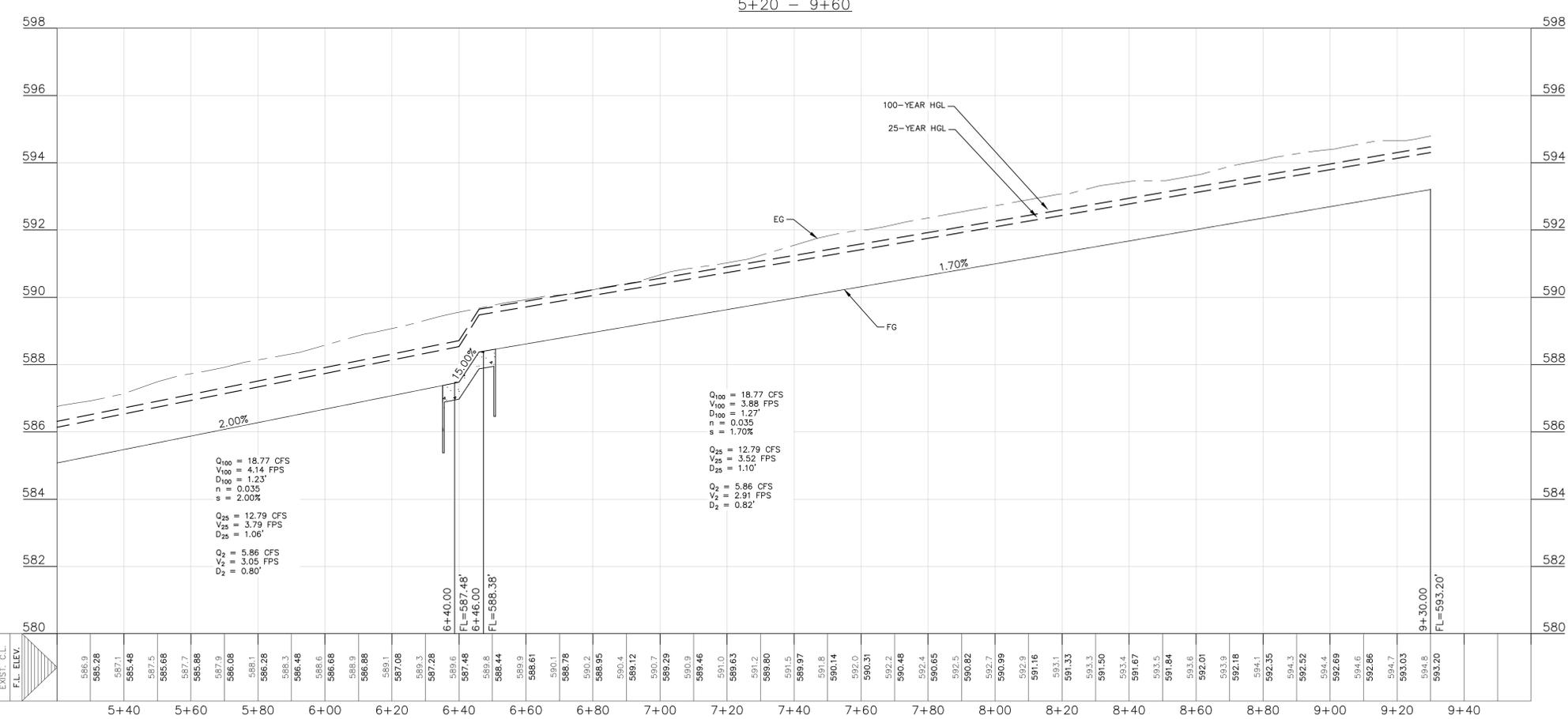
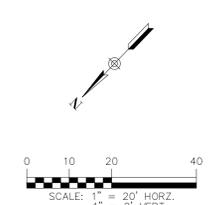
**SHEET C5.11**

Drawing Name: N:\\_Projects\011 - RB Homes\011.041 - Trinity Grove Unit 1\CDs - Unit 1\011.041 - STRM.PMP.dwg User: ellis-d Feb 17, 2026 - 9:22am



**LEGEND**

- EXISTING CONTOURS
- PROPOSED CONTOURS
- B.L. BUILDING SETBACK LINE
- U.E. UTILITY EASEMENT
- D.E. DRAINAGE EASEMENT
- S.B.C. SINGLE BOX CULVERT
- PROPOSED STORM DRAIN LINE
- UTILITY CROSSING
- 12' MAINTENANCE ACCESS



$Q_{100} = 18.77$  CFS  
 $V_{100} = 4.14$  FPS  
 $D_{100} = 1.23'$   
 $n = 0.035$   
 $s = 2.00\%$

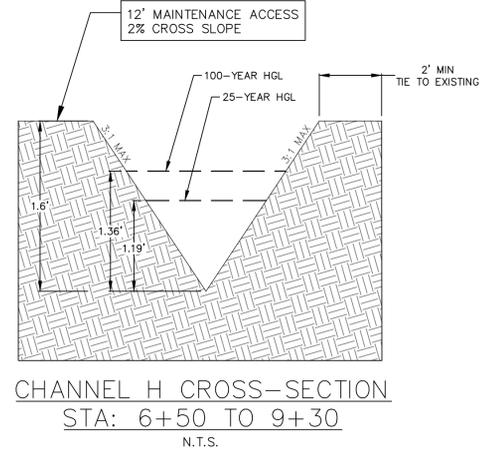
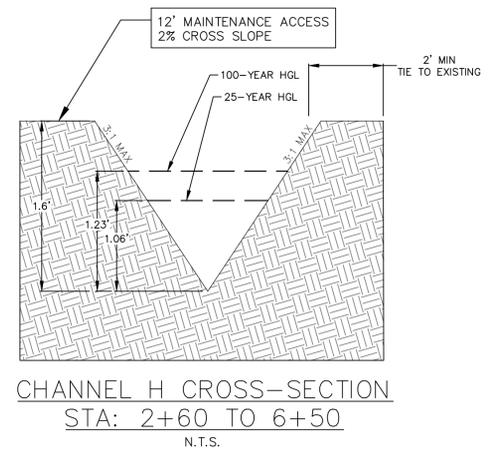
$Q_{25} = 12.79$  CFS  
 $V_{25} = 3.79$  FPS  
 $D_{25} = 1.06'$

$Q_2 = 5.86$  CFS  
 $V_2 = 3.05$  FPS  
 $D_2 = 0.80'$

$Q_{100} = 18.77$  CFS  
 $V_{100} = 3.88$  FPS  
 $D_{100} = 1.27'$   
 $n = 0.035$   
 $s = 1.70\%$

$Q_{25} = 12.79$  CFS  
 $V_{25} = 3.52$  FPS  
 $D_{25} = 1.10'$

$Q_2 = 5.86$  CFS  
 $V_2 = 2.91$  FPS  
 $D_2 = 0.82'$



**DRAINAGE FEATURES, DETENTION BASIN MAINTENANCE AND EQUIPMENT ACCESS REQUIREMENTS:**

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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600

ROBERT DREW BURNETTE  
15495  
LICENSED PROFESSIONAL ENGINEER  
Drew Burnette

2/17/2026

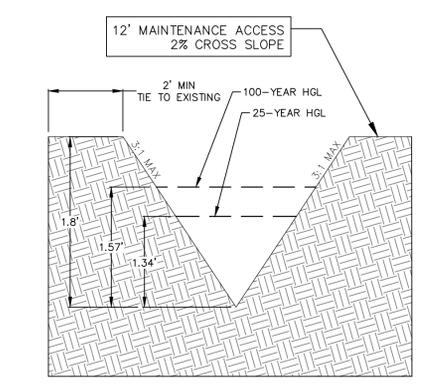
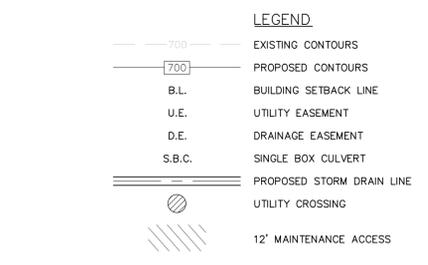
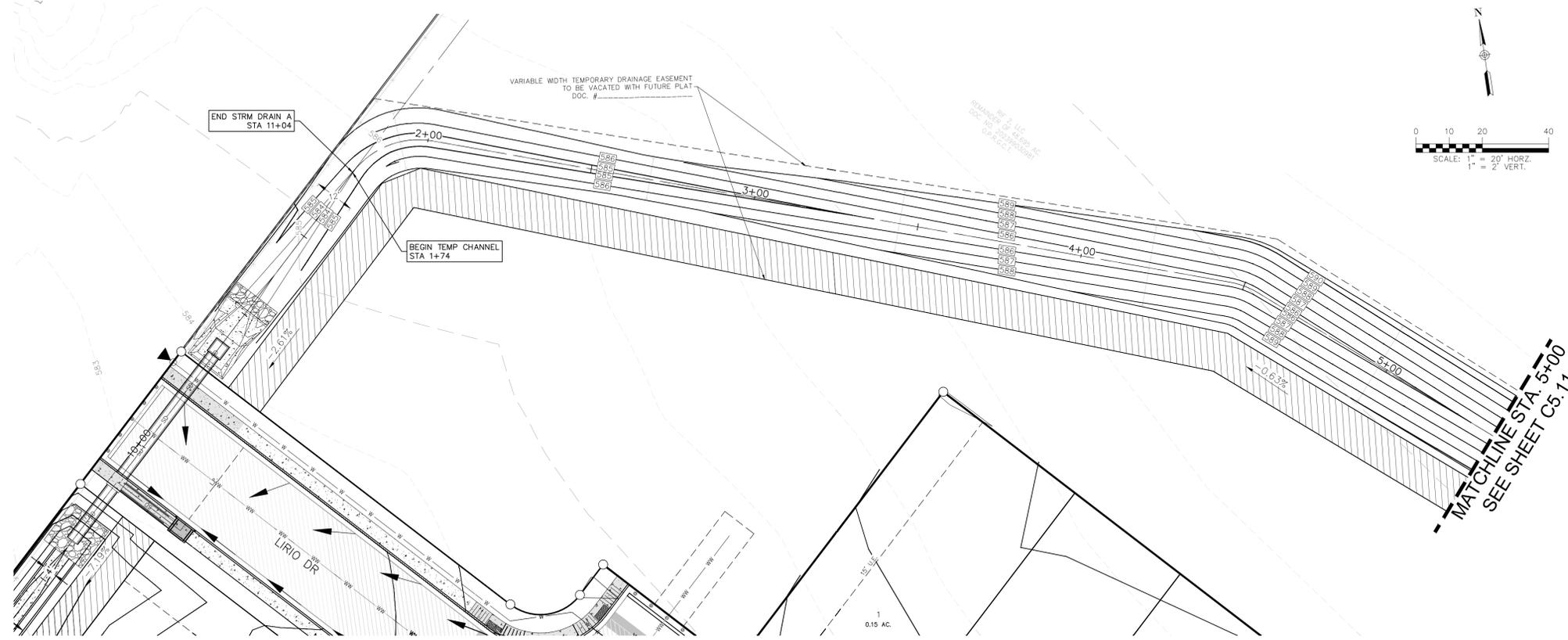
**STORM DRAIN H PLAN & PROFILE (2 OF 2)**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

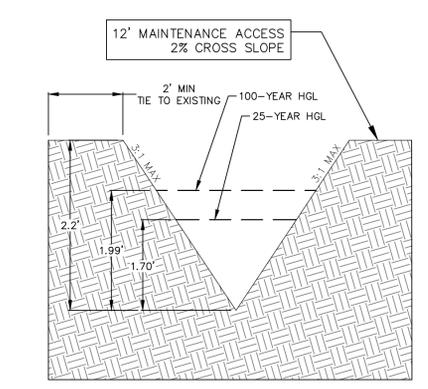
DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB

HMT PROJECT NO.: 011.041  
**SHEET C5.12**

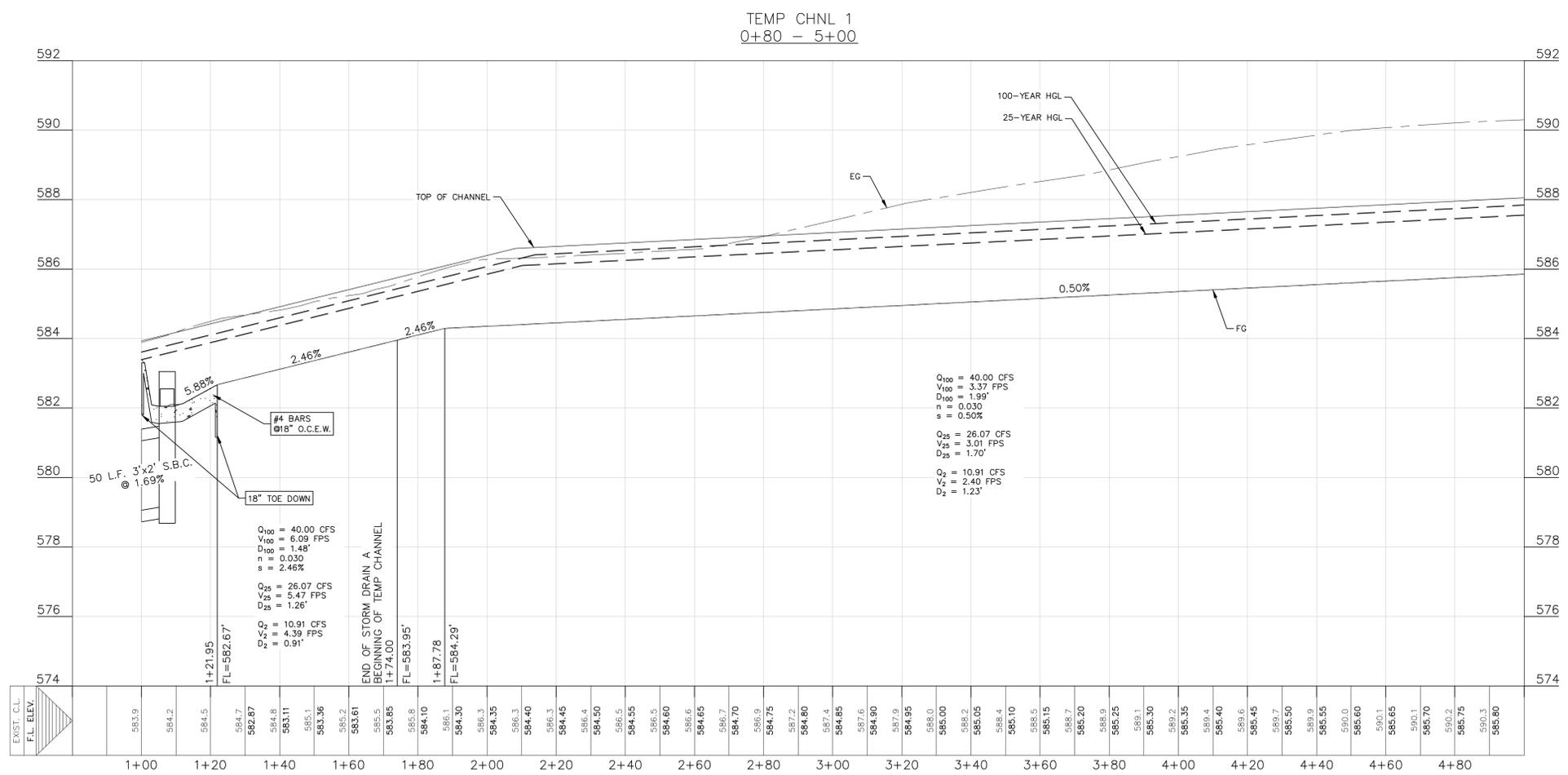
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TEMP CHANNEL 1 CROSS-SECTION  
STA: 1+22 TO 1+88  
N.T.S.



TEMP CHANNEL 1 CROSS-SECTION  
STA: 1+88 TO 8+42  
N.T.S.



**DRAINAGE FEATURES, DETENTION BASIN MAINTENANCE AND EQUIPMENT ACCESS REQUIREMENTS:**

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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

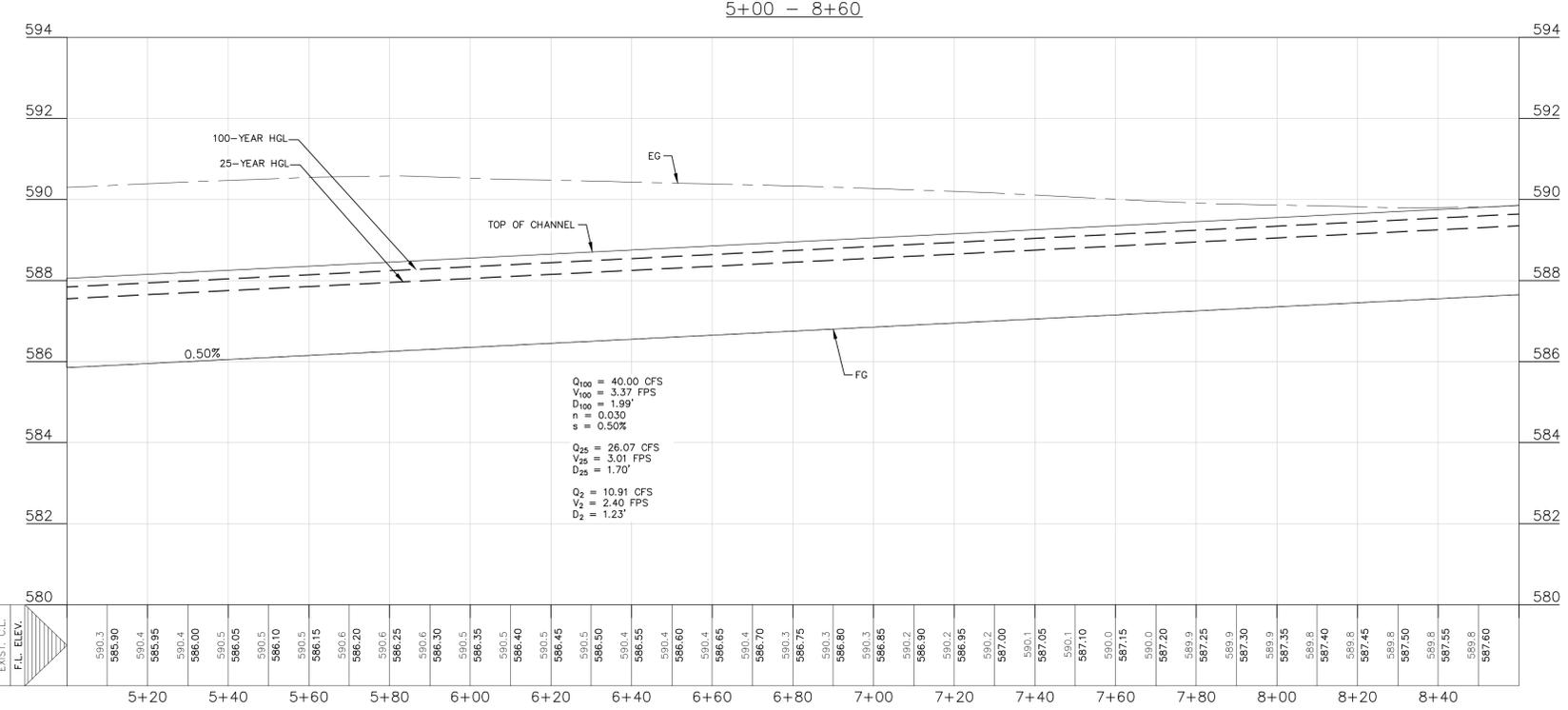
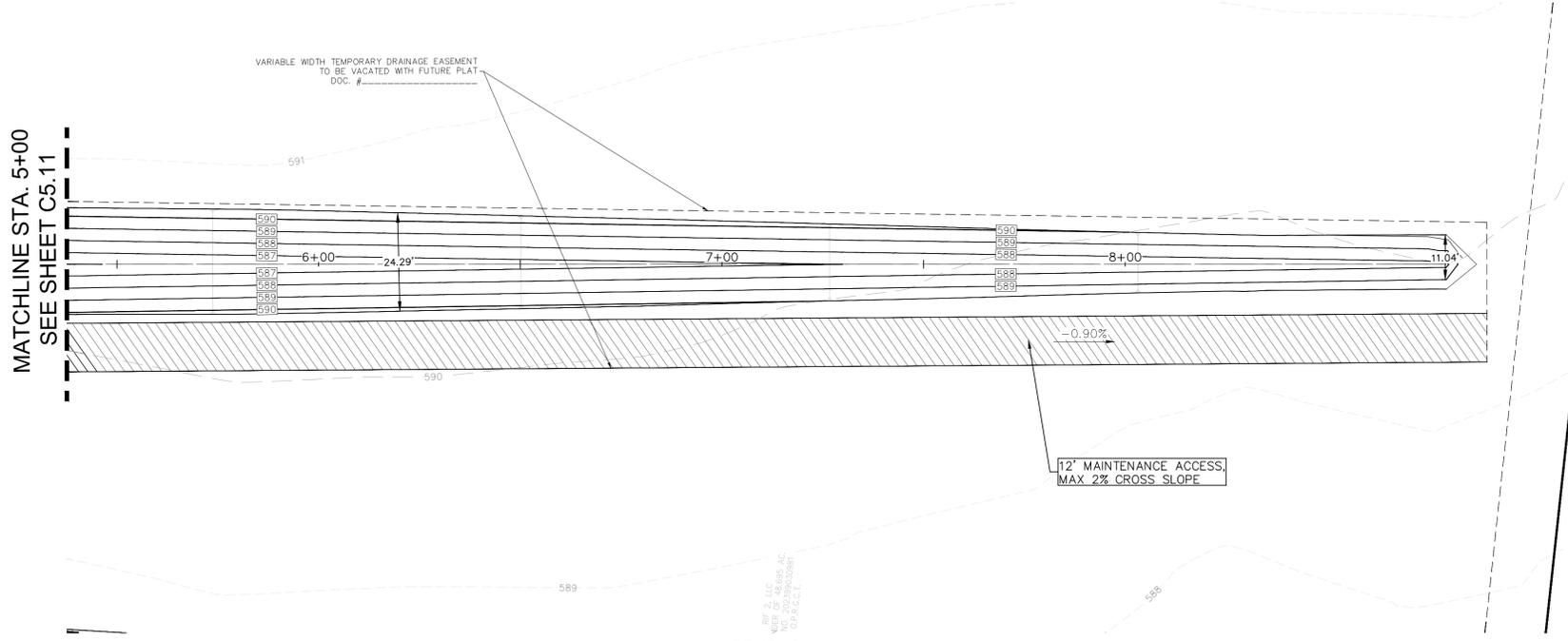
**TEMPORARY CHANNEL 1  
PLAN & PROFILE (1 OF 2)**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB

HMT PROJECT NO.: 011.041  
**SHEET C5.13**

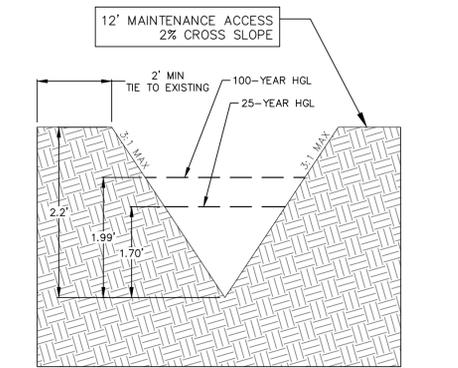
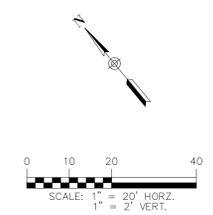
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$Q_{100} = 40.00$  CFS  
 $V_{100} = 3.37$  FPS  
 $D_{100} = 1.99'$   
 $n = 0.030$   
 $s = 0.50\%$   
 $Q_{25} = 26.07$  CFS  
 $V_{25} = 3.01$  FPS  
 $D_{25} = 1.70'$   
 $Q_2 = 10.91$  CFS  
 $V_2 = 2.40$  FPS  
 $D_2 = 1.23'$

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- PROPOSED CONTOURS
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- UTILITY CROSSING
- 12' MAINTENANCE ACCESS



**TEMP CHANNEL 1 CROSS-SECTION**  
STA: 1+88 TO 8+42  
N.T.S.

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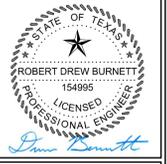
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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600

**HMT**  
ENGINEERING & SURVEYING



2/17/2026

**TEMPORARY CHANNEL 1  
PLAN & PROFILE (2 OF 2)**

TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

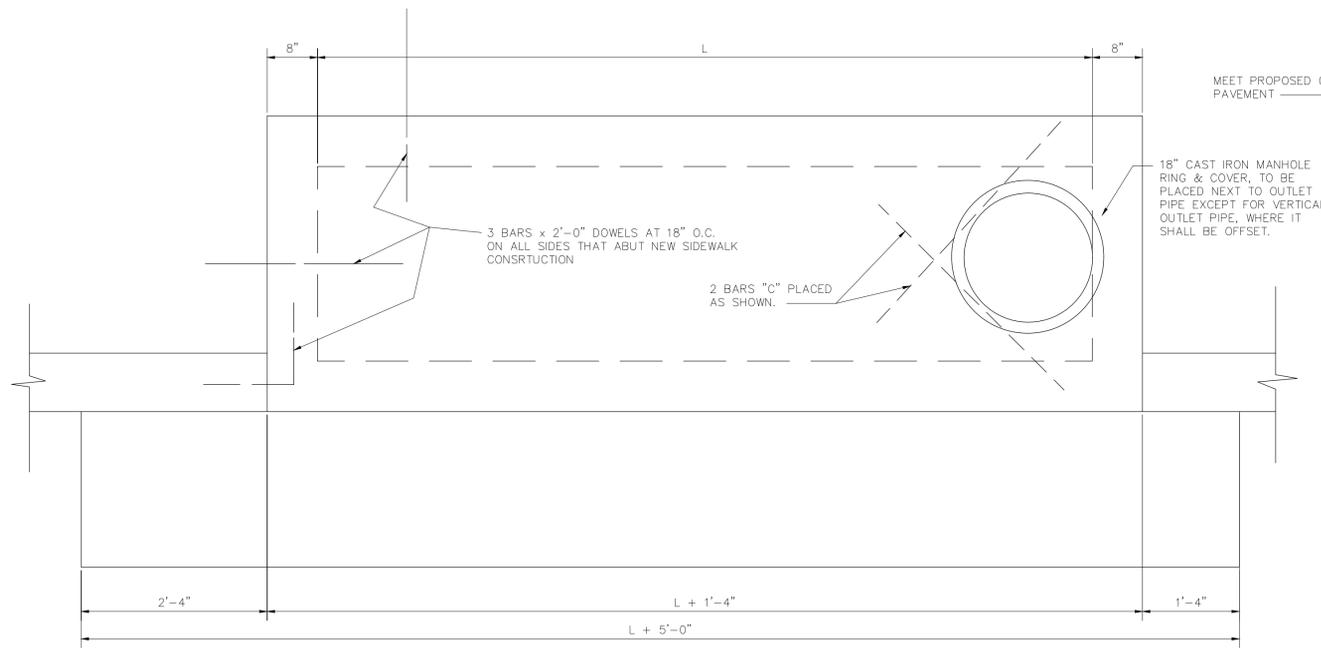
NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB

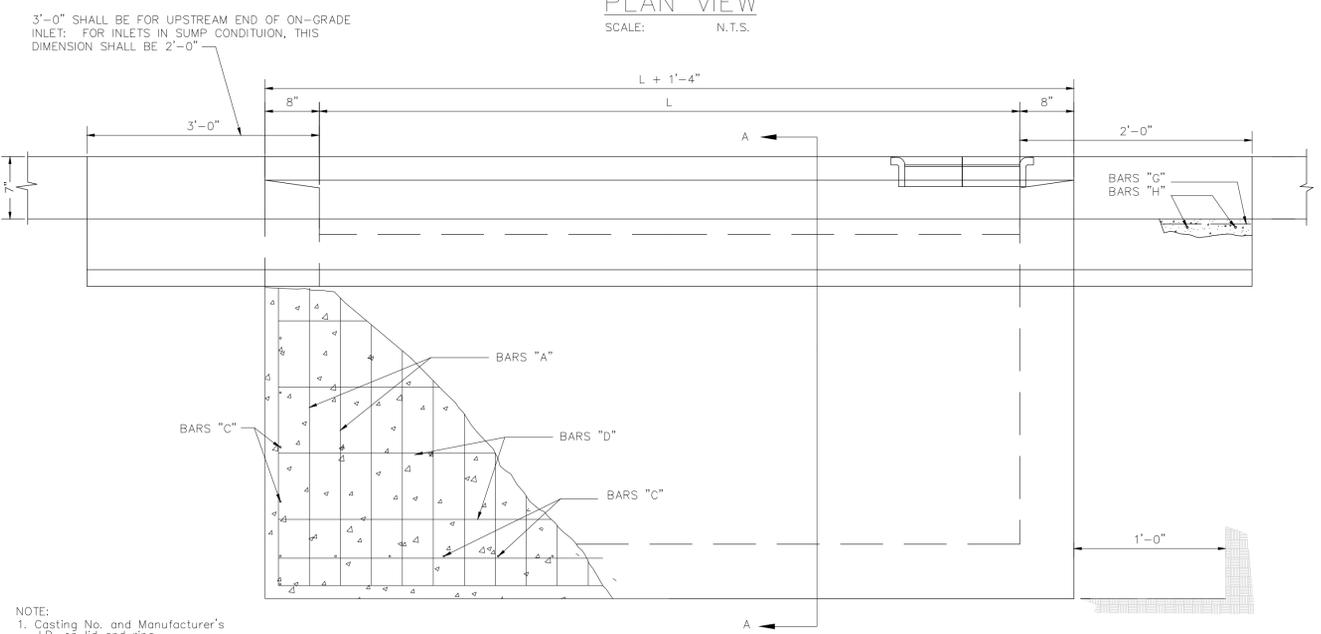
HMT PROJECT NO.: 011.041

**SHEET**  
**C5.14**

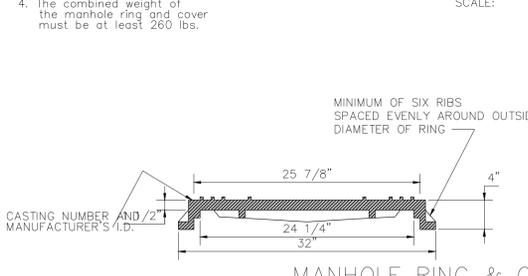
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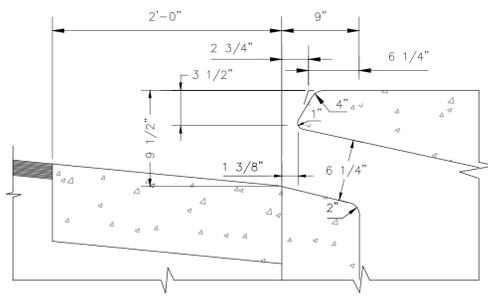
**PLAN VIEW**  
SCALE: N.T.S.



**FRONT VIEW**  
SCALE: N.T.S.

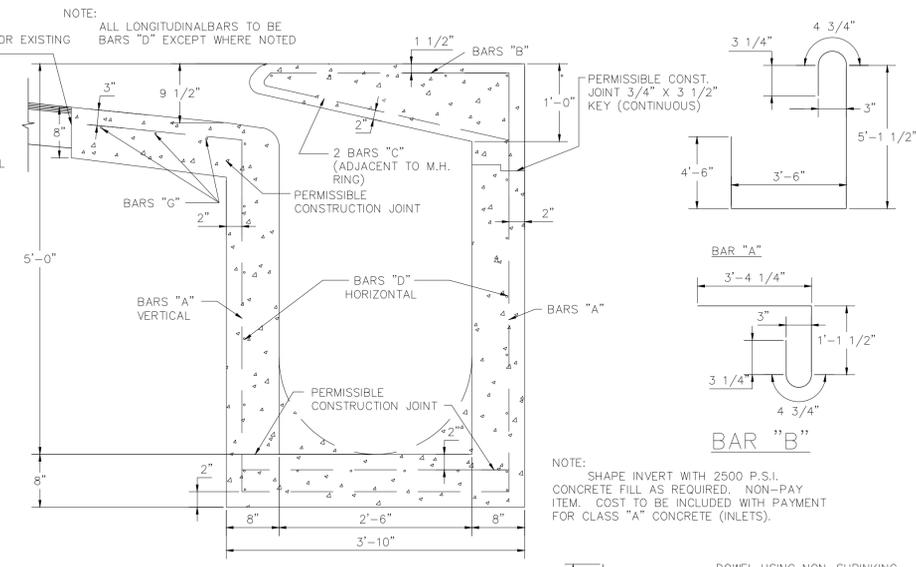


**MANHOLE RING & COVER DETAILS**

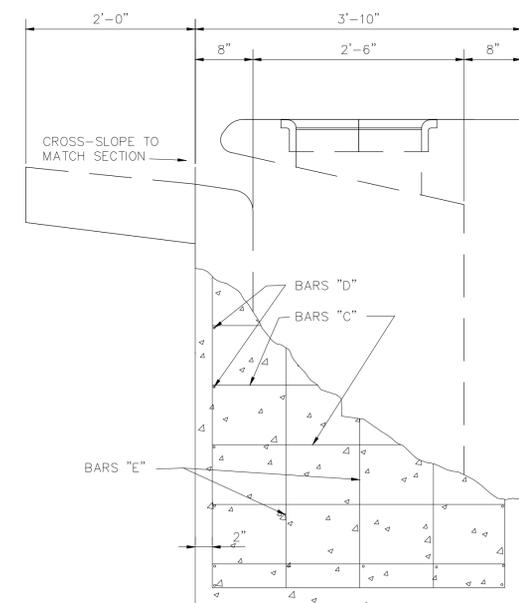


**OPENING DETAIL FOR CURB SECTION**

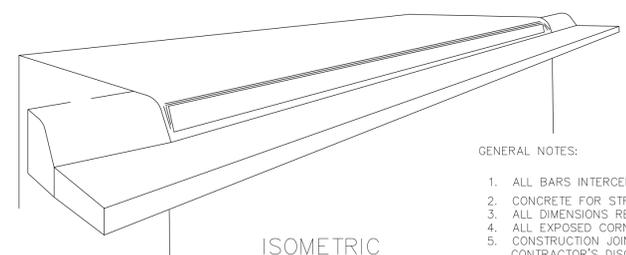
NOTE: ALL LONGITUDINAL BARS TO BE BARS "D" EXCEPT WHERE NOTED



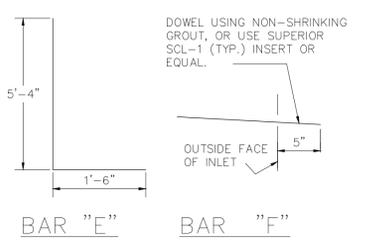
**SECTION A-A**  
SCALE: N.T.S.



**SIDE VIEW**  
SCALE: N.T.S.



**ISOMETRIC**



**BAR "E" BAR "F"**

NOTE: SHAPE INVERT WITH 2500 P.S.I. CONCRETE FILL AS REQUIRED. NON-PAY ITEM. COST TO BE INCLUDED WITH PAYMENT FOR CLASS "A" CONCRETE (INLETS).

Reinforcing Steel Schedule					
BAR	NO.	SIZE	SPA.	LENGTH	WEIGHT
<b>L=5'-00"</b>					
A	15	4	5"OC	13'-9 1/2"	138
B	15	4	5"	5'-1"	52
C	23	4	9"	3'-6"	54
D	22	4	10"	6'-10"	89
E	10	4	10 1/2"	6'-10"	46
F	6	5	12"	2'-3"	14
G	3	4	12"	9'-8"	20
H	5	5	12"	1'-8"	9
*CONCRETE TOTAL=353 CY. MANHOLE CASTING=100 LBS. STEEL TOTAL=422 LBS.					
<b>10'</b>					
A	27	4	5"OC	13'-9 1/2"	249
B	27	4	5"	5'-1"	93
C	30	4	9"	3'-6"	70
D	22	4	10"	11'-1"	163
E	10	4	10 1/2"	6'-10"	46
F	12	5	12"	2'-3"	27
G	3	4	12"	14'-8"	30
H	5	5	12"	1'-8"	9
*CONCRETE TOTAL=5.75CY. MANHOLE CASTING=100LBS. STEEL TOTAL=687LBS					
<b>15'</b>					
A	39	4	5"OC	13'-9 1/2"	359
B	39	4	5"	5'-1"	134
C	36	4	9"	3'-6"	84
D	22	4	10"	16'-1"	236
E	10	4	10 1/2"	6'-10"	46
F	17	5	12"	2'-3"	38
G	3	4	12"	19'-8"	40
H	5	5	12"	1'-8"	9
*CONCRETE TOTAL=7.97CY. MANHOLE CASTING=100LBS. STEEL TOTAL=946LBS					
<b>20'</b>					
A	51	4	5"OC	13'-9 1/2"	470
B	51	4	5"	5'-1"	175
C	43	4	9"	3'-6"	101
D	22	4	10"	6'-10"	310
E	10	4	10 1/2"	6'-10"	46
F	22	5	12"	2'-3"	50
G	3	4	12"	9'-8"	50
H	5	5	12"	1'-8"	9
*CONCRETE TOTAL=10.18CY. MANHOLE CASTING=100LBS. STEEL TOTAL=1211LBS					
<b>25'</b>					
A	63	4	5"OC	13'-9 1/2"	580
B	63	4	5"	5'-1"	217
C	50	4	9"	3'-6"	117
D	22	4	10"	6'-10"	383
E	10	4	10 1/2"	6'-10"	46
F	27	5	12"	2'-3"	61
G	3	4	12"	9'-8"	60
H	5	5	12"	1'-8"	9
*CONCRETE TOTAL=12.41CY. MANHOLE CASTING=100LBS. STEEL TOTAL=1473LB					
<b>30'</b>					
A	75	4	5"OC	13'-9 1/2"	691
B	75	4	5"	5'-1"	258
C	56	4	9"	3'-6"	131
D	22	4	10"	6'-10"	457
E	10	4	10 1/2"	6'-10"	46
F	32	5	12"	2'-3"	72
G	3	4	12"	9'-8"	70
H	5	5	12"	1'-8"	9
*CONCRETE TOTAL=14.63CY. MANHOLE CASTING=100LBS. STEEL TOTAL=1734LB					

\*These figures do not include concrete and steel intercepted by Manhole and Reinforced Concrete Pipe.  
Includes concrete gutter for on-grade inlet. Reduce by .05 cy for inlets in sumps.

GENERAL NOTES:

1. ALL BARS INTERCEPTING MANHOLE RING & REINFORCING CONCRETE PIPE SHALL BE FIELD CUT.
2. CONCRETE FOR STRUCTURES SHALL BE CLASS "A", 3000 P.S.I. IN 28 DAYS.
3. ALL DIMENSIONS RELATING TO REINFORCING STEEL ARE TO CENTER OF BARS.
4. ALL EXPOSED CORNERS SHALL BE CHAMFERED TO 3/4" AT THE CORNER.
5. CONSTRUCTION JOINT SHOWN AT FLOWLINE MAY BE RAISED A MAXIMUM OF 6" AT THE CONTRACTOR'S DISCRETION. ADJUST LENGTH OF VERTICAL STEEL AS REQUIRED.
6. ALL REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. A-615, GRADE 60.



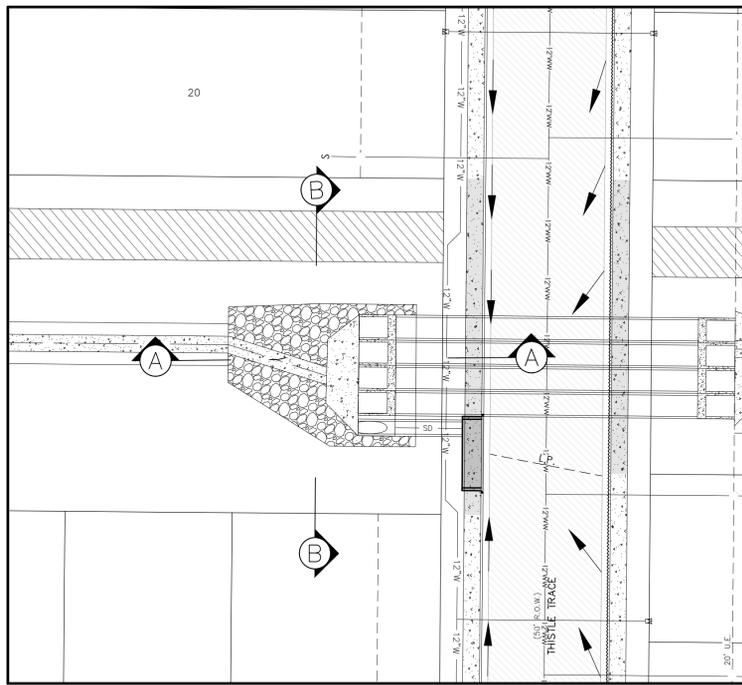
2/17/2026

**STORM DETAILS  
(1 OF 4)**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

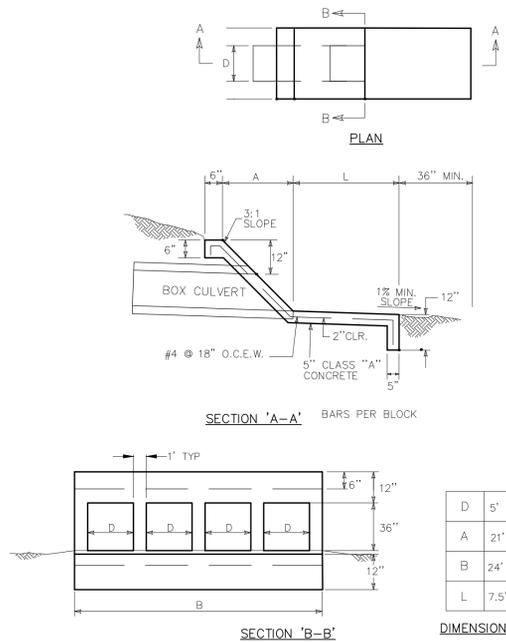
NO.	REVISION DESCRIPTION	DATE

DATE: **FEBRUARY 2026**  
DRAWN BY: **KWP**  
DESIGNED BY: **AAO**  
REVIEWED BY: **RDB**  
HMT PROJECT NO.: **011.041**

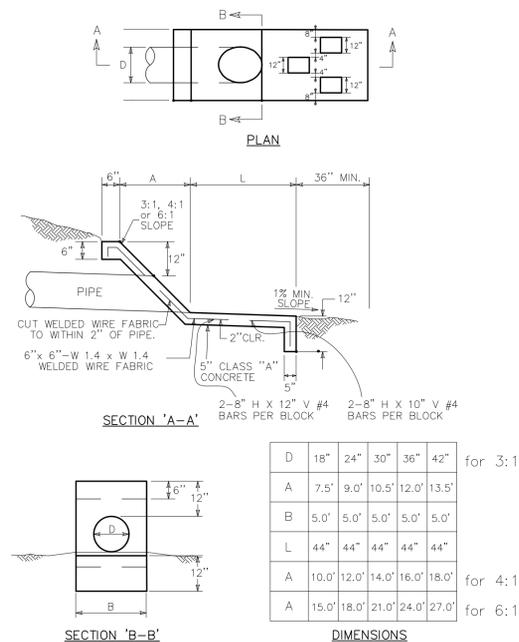
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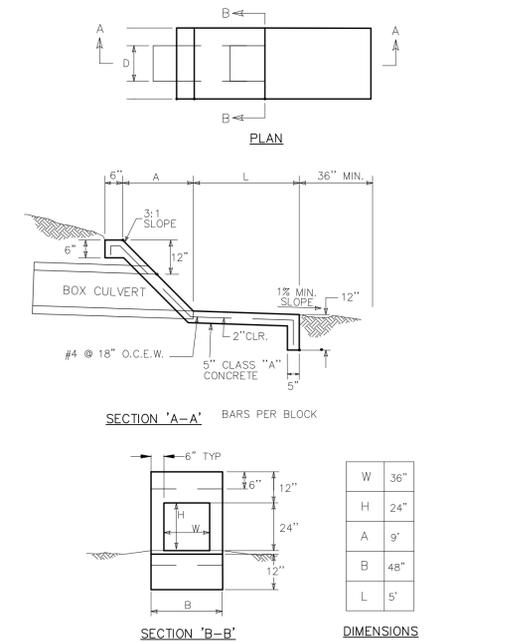
① CULVERT A - STA 6+18 TO 7+08  
NTS



② SLOPING CONCRETE HEADWALL (BOX)  
N.T.S.

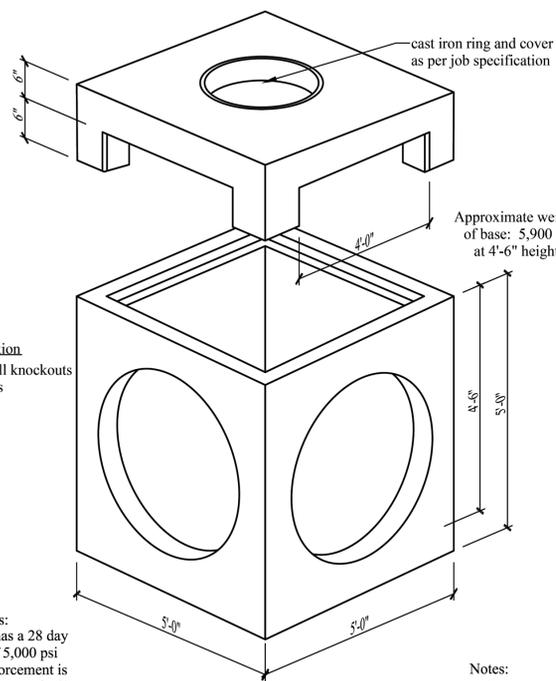


③ SLOPING CONCRETE HEADWALL (PIPE)  
N.T.S.



④ SLOPING CONCRETE HEADWALL (BOX)  
N.T.S.

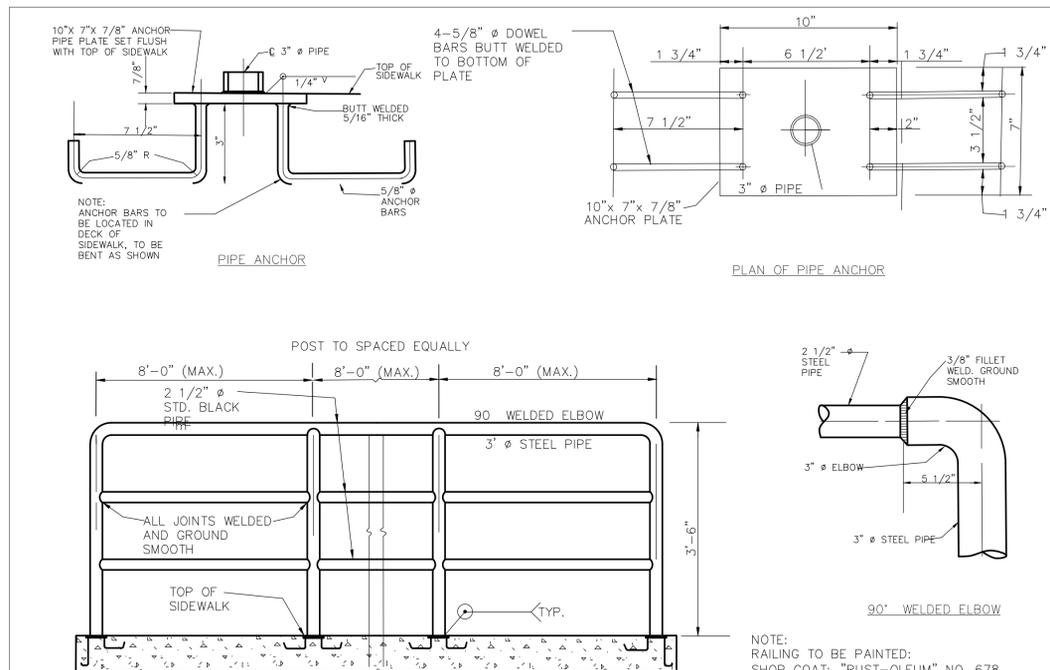
4' x 4' x var 4-Way Inlet



**Bottom Section**  
48" dia thinwall knockouts  
all four sides

**Specifications:**  
- Concrete has a 28 day strength of 5,000 psi  
- Steel reinforcement is ASTM A615 grade 60  
- Load design is H-20

**Notes:**  
- Consult manufacturer before handling



SIDEWALK PIPE RAILING DETAILS  
NOT TO SCALE

**DRAINAGE FEATURES, DETENTION BASIN MAINTENANCE AND EQUIPMENT ACCESS REQUIREMENTS:**

SILT SHALL BE REMOVED AND THE BASIN RETURNED TO ORIGINAL ALIGNMENTS AND GRADES WHEN STANDING WATER CONDITIONS OCCUR OR THE BASIN STORAGE VOLUME IS REDUCED BY MORE THAN 10%.

- A. TO LIMIT EROSION, NO UNVEGETATED AREA SHALL EXCEED 10 SQ. FT. IN EXTENT.
- B. ACCUMULATED PAPER, TRASH, AND DEBRIS SHALL BE REMOVED EVERY 6 MONTHS OR AS NECESSARY TO MAINTAIN PROPER OPERATION.
- C. BASINS SHALL BE MOWED ANNUALLY BETWEEN THE MONTHS OF JUNE AND SEPTEMBER.
- D. CORRECTIVE MAINTENANCE IS REQUIRED ANY TIME A BASIN DOES NOT DRAIN COMPLETELY WITHIN 60 HOURS OR CESSATION OF INFLOW (IE: NO STANDING WATER IS ALLOWED).
- E. STRUCTURAL INTEGRITY OF BASINS SHALL BE MAINTAINED AT ALL TIMES.
- F. MAINTENANCE VEHICLE FOR POND ACCESS SHOULD BE A BOBCAT S175 SKID STEER LOADER OR VEHICLE OF EQUAL TO LESSER SIZE.

<p><b>CAPITAL PRECAST, INC.</b> 6905 SOUTH OLD BASTROP HWY SAN MARCOS, TEXAS 78666 PH: (830) 606-6200</p>	FOR	4' x 4' x var 4-Way Inlet		
	DRAWN	RW	DATE	12/12/2015
	FILE	catalog/urainless/44 area inlet		
		Rev. No.		SHEET
				1 OF 1

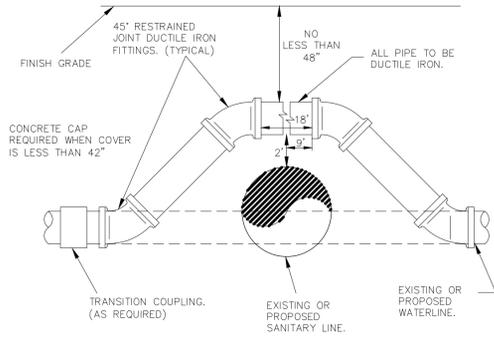
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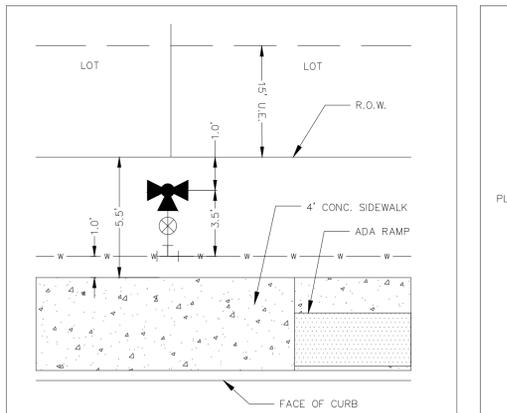
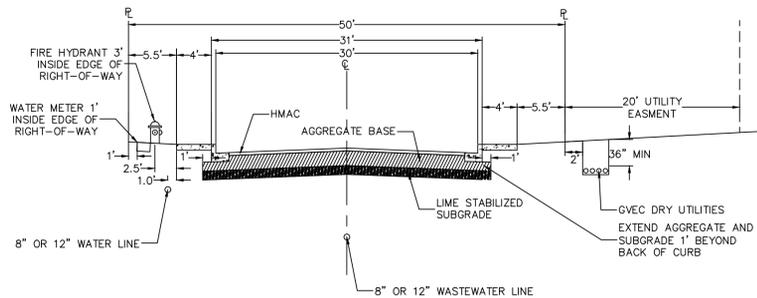




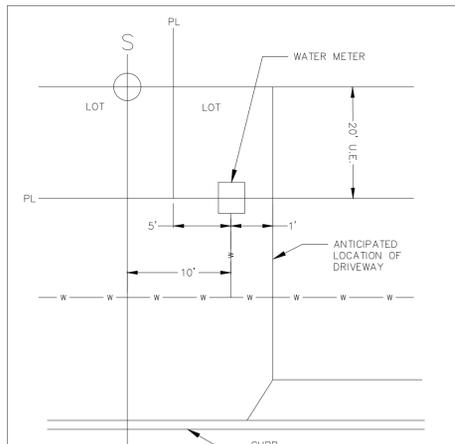


WATERLINE ADJUSTMENT DETAIL  
N.T.S.

TYPICAL UTILITY ASSIGNMENT



TYPICAL FIRE HYDRANT DETAIL  
N.T.S.



WATER METER LOCATION DETAIL  
N.T.S.

CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES 48 HOURS PRIOR TO EXCAVATION:

SHSUD (WATER)	830-379-7683
GUADALUPE-BLANCO RIVER AUTHORITY (SEWER)	830-379-5822
TIME WARNER CABLE	830-625-3408
CENTERPOINT ENERGY (GAS)	830-643-6434
A&T	830-303-1333
TEXAS ONE CALL SYSTEM	800-245-4545
GUADALUPE COUNTY	830-303-8858
GUADALUPE VALLEY ELECTRIC COOPERATIVE (GVEC)	800-223-4832

C.P.E. LOCATOR  
CALL CENTER POINT ENERGY LOCATOR AT 1-800-545-6005, 48HRS BEFORE BEGINNING ANY EXCAVATION. DUE TO FEDERAL REGULATIONS TITLE 49, PART 192.181, CENTER POINT ENERGY MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.

TELEPHONE LOCATOR  
THE EXISTENCE AND LOCATION OF UNDERGROUND CABLE INDICATED ON THE PLANS ARE TAKEN FROM THE BEST RECORDS AVAILABLE AND ARE NOT GUARANTEED TO BE ACCURATE. CONTRACTOR TO CONTACT THE TELEPHONE COMPANY CABLE LOCATOR 48HRS PRIOR TO EXCAVATION AT 1-800-545-6005. CONTRACTOR HAS THE RESPONSIBILITY TO PROTECT AND SUPPORT TELEPHONE COMPANY DURING CONSTRUCTION.

TRENCH EXCAVATION SAFETY PROTECTION  
CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATIONS.

UTILITY TRENCH COMPACTION  
ALL UTILITY TRENCH COMPACTION TESTS WITHIN THE STREET PAVEMENT/SIDEWALK SECTION SHALL BE THE RESPONSIBILITY OF THE DEVELOPER'S GEOTECHNICAL ENGINEER. FILL MATERIAL SHALL BE PLACED IN UNIFORM LAYERS NOT TO EXCEED TWELVE INCHES (12") THICK. DETERMINE THE MAXIMUM LIFT THICKNESS BASED ON THE ABILITY OF THE COMPACTING OPERATION AND EQUIPMENT USED TO MEET THE REQUIRED DENSITY. EACH LAYER OF MATERIAL SHALL BE COMPACTED TO A MINIMUM 95% DENSITY AND TESTED FOR DENSITY AND MOISTURE.  
IN ACCORDANCE WITH TEST METHODS TEX-113-E, TEX-114-E, TEX-115-E, THE NUMBER AND LOCATION OF REQUIRED TESTS SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER AND APPROVED BY THE CITY OF NEW BRAUNFELS STREET INSPECTOR. AT A MINIMUM, TESTS SHALL BE TAKEN EVERY 200 LF FOR EACH LIFT AND EVERY OTHER SERVICE LINE. UPON COMPLETION OF TESTING THE GEOTECHNICAL ENGINEER SHALL PROVIDE THE CITY OF NEW BRAUNFELS STREET INSPECTOR WITH ALL TESTING DOCUMENTATION AND A CERTIFICATION STATING THAT THE PLACEMENT OF FILL MATERIAL HAS BEEN COMPLETED IN ACCORDANCE WITH THE PLANS. ADDITIONAL DENSITY TESTS MAY BE REQUESTED BY THE CITY OF NEW BRAUNFELS STREET INSPECTOR.

UTILITY TRENCH COMPACTION (DEEP)  
THIS PROJECT INCLUDES UTILITY INSTALLATIONS GREATER THAN 5- FEET IN DEPTH LOCATED IN PUBLIC RIGHT-OF-WAY OR EASEMENTS. DEEP TRENCHES POSE COMPACTION TESTING AND CONSTRUCTION CHALLENGES AND CITY METHODS FOR TESTING AND COMPACTION MAY NOT BE ACHIEVABLE. A UTILITY COMPACTION PLAN WILL BE REQUIRED AND MUST BE SUBMITTED FOR APPROVAL TO CITY PRIOR TO UTILITY INSTALLATION.

SPRINGS HILL SPECIAL UTILITY DISTRICT NOTES:

- EXISTING WATER INFRASTRUCTURE IN THE VICINITY OF THE TRACT IS AVAILABLE TO SERVE THE PROPOSED DEVELOPMENT. IF THE DEVELOPMENT EXCEEDS THE CAPACITY OF THE EXISTING WATER INFRASTRUCTURE, IT WILL BE THE DEVELOPER'S RESPONSIBILITY TO MAKE THE NECESSARY IMPROVEMENTS TO THE EXISTING WATER INFRASTRUCTURE TO PROVIDE SUFFICIENT CAPACITY. THE EXTENT OF THE NECESSARY WATER IMPROVEMENTS WILL BE OBTAINED IN A MEMORANDUM OF UNDERSTANDING OR NON-STANDARD SERVICE AGREEMENT PRIOR TO THE APPROVAL OF ANY FINAL PLAN.
- SHSUD SHALL HAVE ACCESS TO METER LOCATIONS FROM THE FRONT YARD WITH THE LOCATION NOT BEING WITHIN A FENCED AREA.
- ANY EASEMENT DESIGNATED AS A SHSUD UTILITY EASEMENT SHALL REMAIN OPEN ACCESS AT ALL TIMES AND SHALL NOT BE WITHIN A FENCED AREA.
- ALL SHSUD EASEMENTS ARE FOR CONSTRUCTION, MAINTENANCE (INCLUDING BUT NOT LIMITED TO REMOVAL OF TREES AND OTHER OBSTRUCTIONS), READING OF METERS, AND REPAIR OF ANY SHSUD FACILITY LOCATED WITHIN SAID EASEMENT.
- WATER LINE IS TO BE CONSTRUCTED IN ACCORDANCE WITH SPRINGS HILL SPECIAL UTILITY DISTRICT STANDARD DRAWINGS AND SPECIFICATIONS.
- WATER MAIN SHALL HAVE A MINIMUM OF 48 INCHES OF COVER, OTHERWISE CONCRETE ENCASUREMENT WILL BE REQUIRED.
- CONTRACTOR WILL KEEP THE AREA ON TOP OF AND AROUND THE WATER METER BOX FREE OF ALL OBJECTS AND DEBRIS.
- NO METER BOXES TO BE SET IN DRIVEWAYS. ANY METER BOX SET IN A DRIVEWAY WILL BE RELOCATED AT THE CONTRACTOR'S AND/OR DEVELOPER'S EXPENSE.
- NO VALVES, HYDRANTS, ETC. SHALL BE CONSTRUCTED WITHIN CURBS, SIDEWALKS, DRIVEWAYS, OR ROADWAYS. SHSUD WILL NOT BE RESPONSIBLE FOR ANY DAMAGES TO CONCRETE OR PAVED AREAS IF DEVELOPER DOES NOT COMPLY.
- PERMANENT TIE-INS TO IN-SERVICE MAINS SHALL ONLY BE CONSTRUCTED FOLLOWING FLUSHING, DISINFECTION, TESTING, AND APPROVAL BY SHSUD. TEMPORARY CONNECTIONS FOR FILLING, FLUSHING, AND TESTING MUST BE EQUIPPED WITH SHSUD-PROVIDED BACKFLOW PREVENTION TO MAINTAIN CROSS-CONNECTION CONTROL.
- A HYDROSTATIC TEST SHALL BE PERFORMED AFTER SERVICES ARE CONNECTED AND FINAL GRADING AND PLACEMENT ARE COMPLETE.
- WATER SERVICE LINE CROSSINGS OF CURBS SHALL BE INDICATED BY A "W" STAMPED IN THE FACE OF THE CURB DURING CONCRETE PLACEMENT WITH A TOOL INTENDED FOR THE PURPOSE. VALVE CROSSINGS OF CURBS SHALL BE INDICATED BY A "V" STAMPED IN THE FACE OF THE CURB DURING CONCRETE PLACEMENT WITH A TOOL INTENDED FOR THE PURPOSE. LETTERING SHALL BE 4" IN HEIGHT AND HAVE BEVELED EDGES TO PREVENT CHIPPING OR SPALLING OVER TIME.

RESTRAINED LENGTH NOTES:

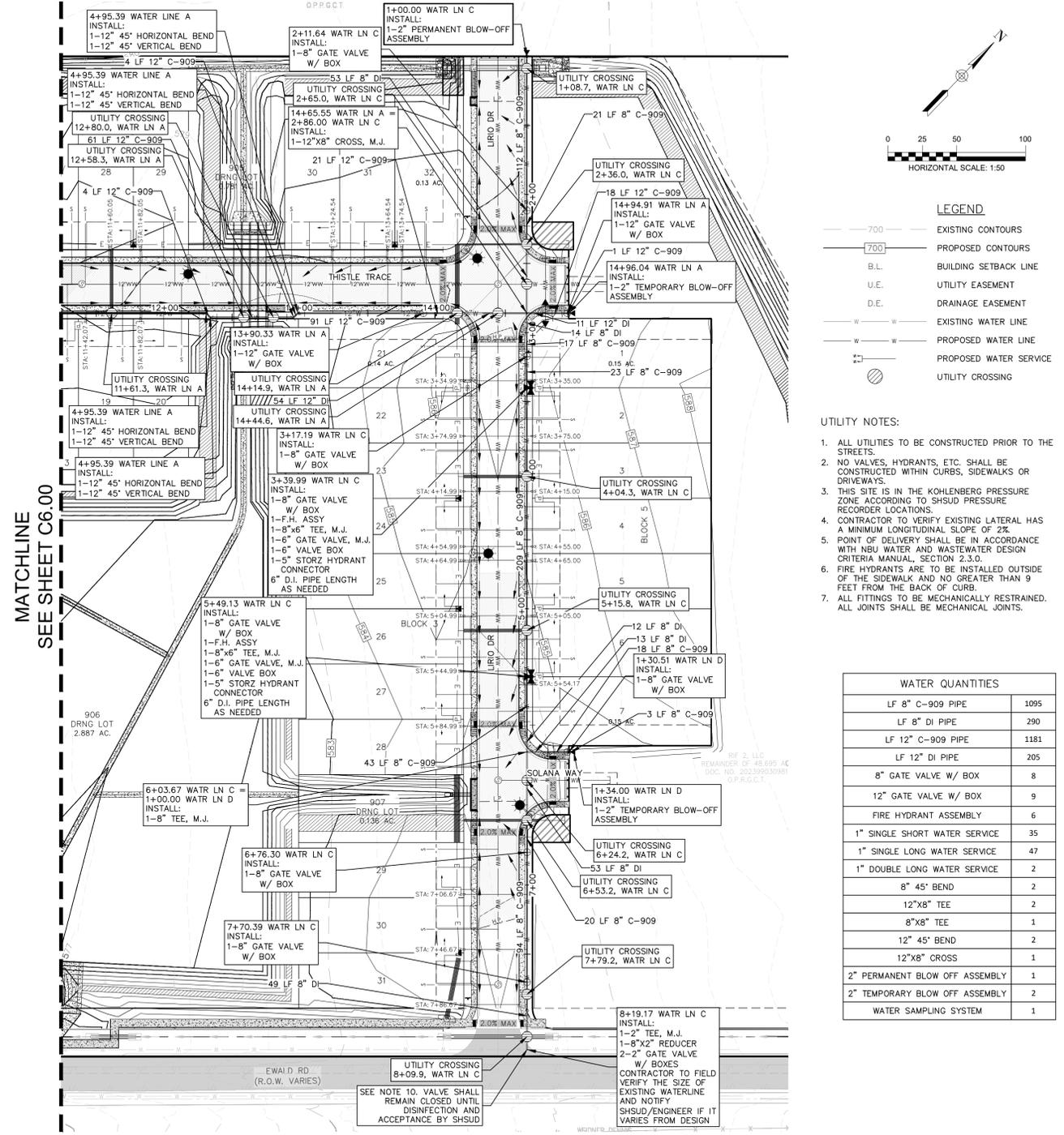
- CONTRACTOR TO COORDINATE WITH NEW BRAUNFELS UTILITIES (N.B.U.) FOR WATER, SEWER, AND ELECTRIC SERVICE TO THE SITE.
- ALL IN-LINE VALVES, BENDS & PLUGS SHALL BE RESTRAINED, RESTRAINT TO BE PROVIDED ON EACH SIDE OF THE VALVE, FITTING OR ANY REQUIRED JOINT.
- RL=RESTRAINT LENGTH
- CONTRACTOR SHALL DETERMINE RESTRAINT LENGTH REQUIRED FOR HORIZONTAL VERTICAL FITTINGS BASED ON RESTRAINT LENGTH TABLE SHOWN BELOW.

PIPE INSIDE DIAMETER	MATERIAL	RESTRAINED LENGTH FOR PIPE										
		HORIZONTAL BENDS				VERTICAL BENDS						
		90°	45°	22.5°	11.25°	UPPER	LOWER	DEAD END/ INCLINE VALVES				
8"	PVC	29	12	6	3	32	16	8	10	5	3	78
8"	POLY WRAPPED DI	33	14	7	4	50	24	12	11	6	3	120
12"	PVC	40	17	8	4	46	22	11	14	7	4	110
12"	POLY WRAPPED DI	46	19	10	5	71	34	17	16	8	4	170

PIPE INSIDE DIAMETER OF RUN	PIPE INSIDE DIAMETER OF BRANCH	MATERIAL	FT.
8"	8"	PVC	67
8"	8"	POLY WRAPPED DI	104
12"	8"	PVC	62
12"	8"	POLY WRAPPED DI	95

NOTES:  
LENGTHS SHOWN ABOVE WERE COMPUTED BASED ON THE FOLLOWING VALUES:  
1) SAFETY FACTOR = 1.5 TO 1  
2) TEST PRESSURE = 200psi  
3) SOIL DESIGNATION = INORGANIC CLAY OF HIGH PLASTICITY (CL, GRAN. FLL)  
4) DEPTH OF COVER = 4 FEET (TYPICAL AND UPPER BEND)  
5) DEPTH OF COVER = 5 FEET (LOWER BEND)  
6) LENGTH ALONG RUN = 2 FEET

CALCULATIONS ARE PROVIDED FOR REFERENCE. THE RESTRAINED LENGTH SHALL BE DESIGNED BASED UPON THE CONDITIONS ENCOUNTERED DURING THE INSTALLATION.



LEGEND

- EXISTING CONTOURS
- BUILT CONTOURS
- B.L. BUILDING SETBACK LINE
- U.E. UTILITY EASEMENT
- D.E. DRAINAGE EASEMENT
- EXISTING WATER LINE
- PROPOSED WATER LINE
- PROPOSED WATER SERVICE
- UTILITY CROSSING

- UTILITY NOTES:
- ALL UTILITIES TO BE CONSTRUCTED PRIOR TO THE STREETS.
  - NO VALVES, HYDRANTS, ETC. SHALL BE CONSTRUCTED WITHIN CURBS, SIDEWALKS OR DRIVEWAYS.
  - THIS SITE IS IN THE KOHLBERG PRESSURE ZONE ACCORDING TO SHSD PRESSURE RECORDER LOCATIONS.
  - CONTRACTOR TO VERIFY EXISTING LATERAL HAS A MINIMUM LONGITUDINAL SLOPE OF 2%.
  - POINT OF DELIVERY SHALL BE IN ACCORDANCE WITH NBU WATER AND WASTEWATER DESIGN CRITERIA MANUAL, SECTION 2.3.0.
  - FIRE HYDRANTS ARE TO BE INSTALLED OUTSIDE OF THE SIDEWALK AND NO GREATER THAN 9 FEET FROM THE BACK OF CURB.
  - ALL FITTINGS TO BE MECHANICALLY RESTRAINED. ALL JOINTS SHALL BE MECHANICAL JOINTS.

WATER QUANTITIES	
LF 8" C-909 PIPE	1095
LF 8" DI PIPE	290
LF 12" C-909 PIPE	1181
LF 12" DI PIPE	205
8" GATE VALVE W/ BOX	8
12" GATE VALVE W/ BOX	9
FIRE HYDRANT ASSEMBLY	6
1" SINGLE SHORT WATER SERVICE	35
1" SINGLE LONG WATER SERVICE	47
1" DOUBLE LONG WATER SERVICE	2
8" 45° BEND	2
12"x8" TEE	2
8"x8" TEE	1
12" 45° BEND	2
12"x8" CROSS	1
2" PERMANENT BLOW OFF ASSEMBLY	1
2" TEMPORARY BLOW OFF ASSEMBLY	2
WATER SAMPLING SYSTEM	1

	EDU TABLE			
	RESIDENTIAL SERVICE	IRRIGATION (3/4") SERVICE (3/4")	TOTAL EDUs	NSSC TOTAL EDUs
TRINITY GROVE UNIT #1 (PROPOSED)	86	2	89	
TRINITY GROVE UNIT #2 (PROPOSED)	89	0	89	
<b>TOTAL SUBDIVISION EDUs</b>			<b>178</b>	<b>179</b>
<b>TOTAL REMAINING EDUs PER NSSC (JANUARY 2025)</b>				<b>1</b>

REFER TO THE COVER SHEET FOR BENCHMARK INFORMATION.

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290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600

**HMT**  
ENGINEERING & SURVEYING

STATE OF TEXAS  
ROBERT DREW BURNETT  
15495  
LICENSED PROFESSIONAL ENGINEER  
Drew Burnett

2/17/2026

**OVERALL WATER (2 OF 2)**

TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

REVISION DATE

NO.	DESCRIPTION

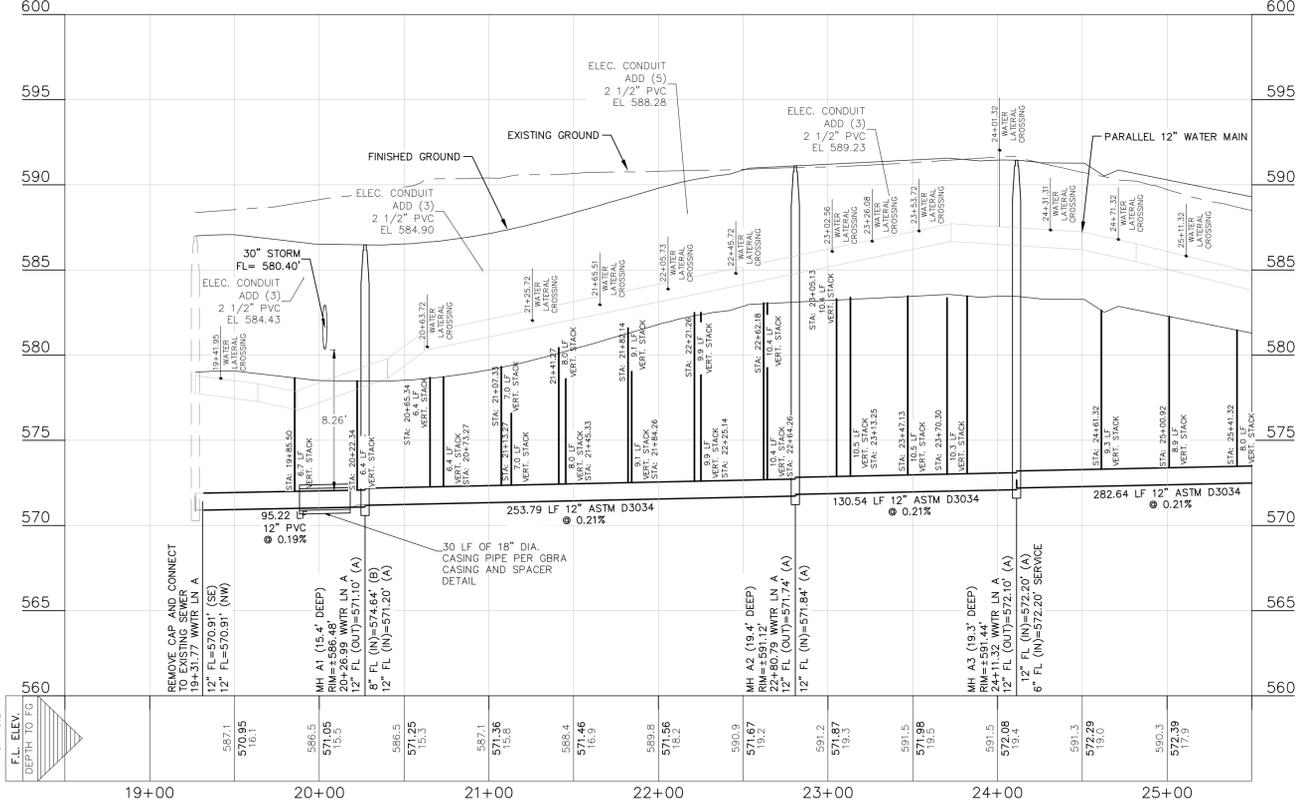
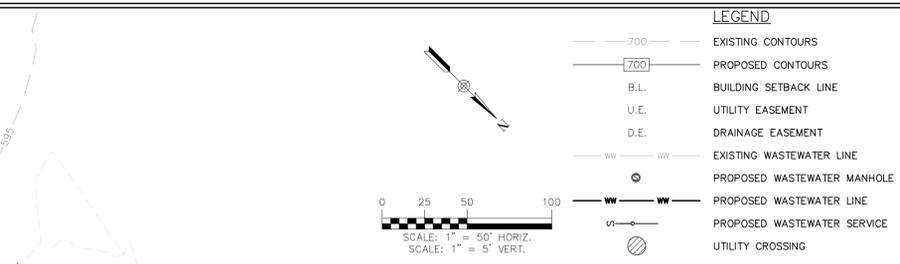
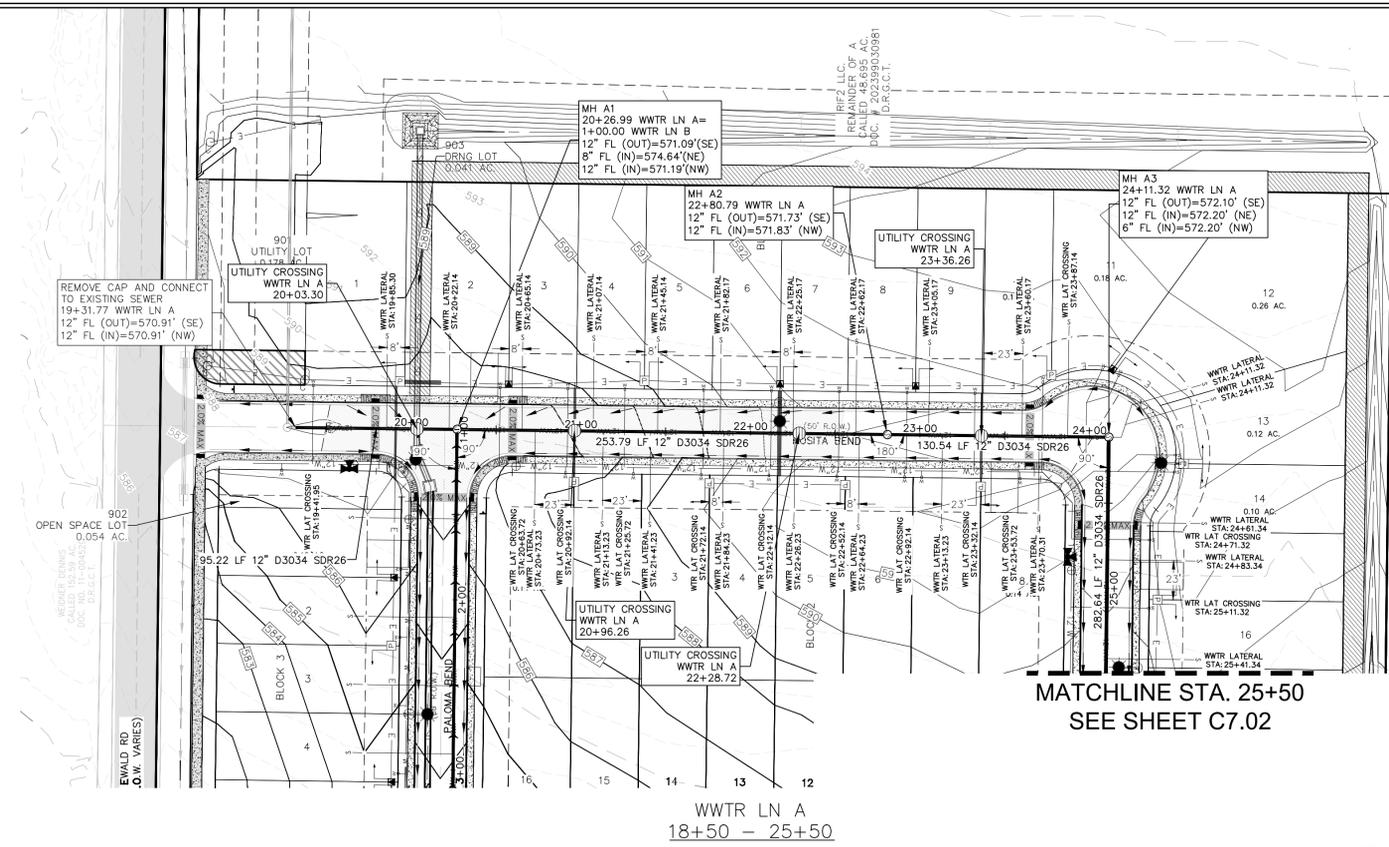
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DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB  
HMT PROJECT NO.: 011.041

**SHEET C6.01**









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**TRENCH EXCAVATION SAFETY PROTECTION**  
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**HMT**  
 ENGINEERING & SURVEYING

ROBERT DREW BURNETT  
 154995  
 LICENSED PROFESSIONAL ENGINEER  
 State of Texas

2/17/2026

**WASTEWATER LINE A  
 PLAN & PROFILE (1 OF 2)**

TRINITY GROVE, UNIT 1  
 NEW BRAUNFELS, TEXAS

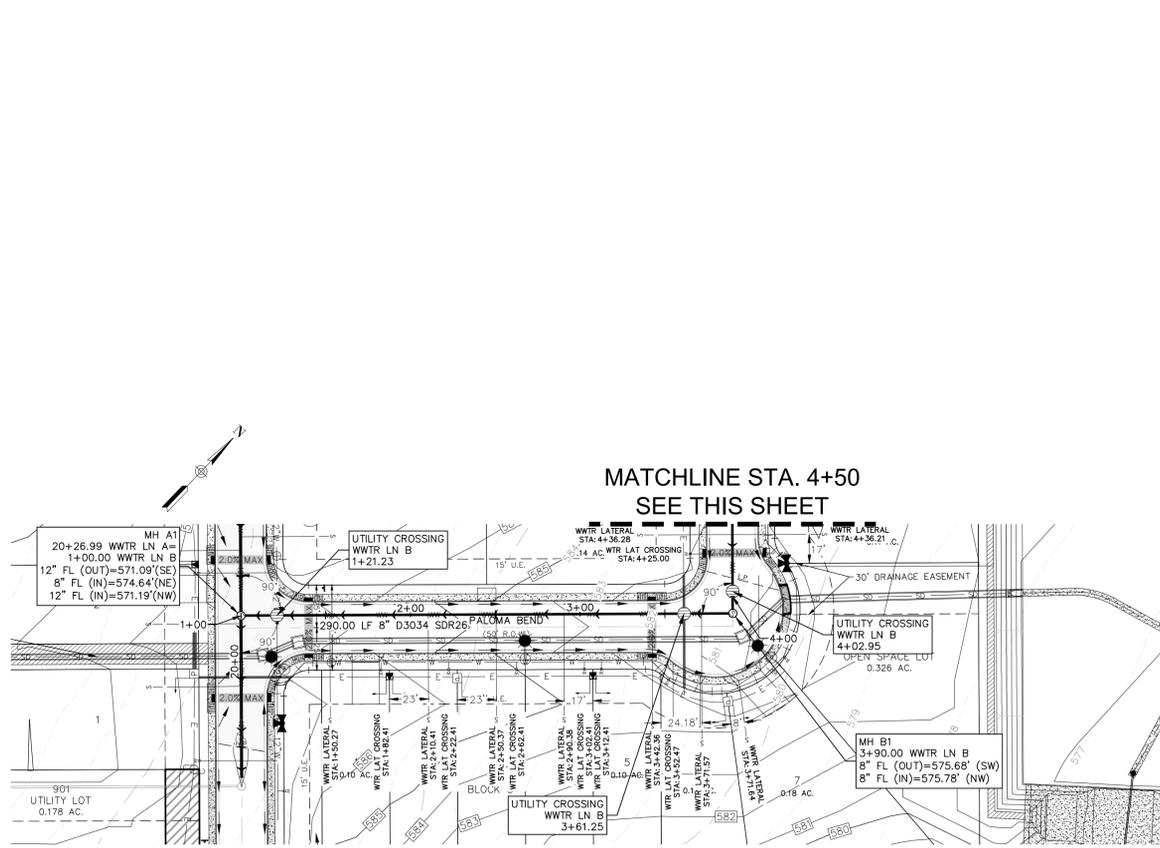
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 DESIGNED BY: AAO  
 REVIEWED BY: RDB

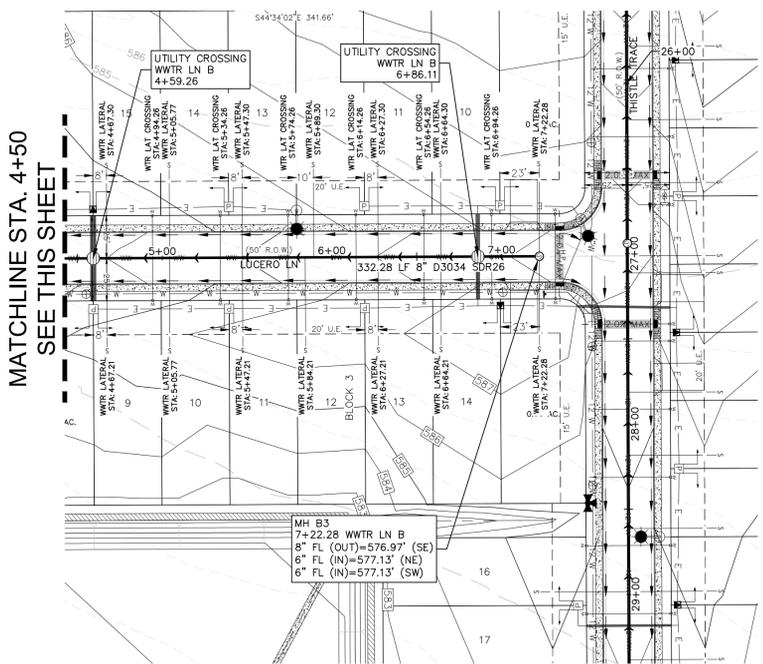
HMT PROJECT NO.: 011.041

**SHEET**  
**C7.01**



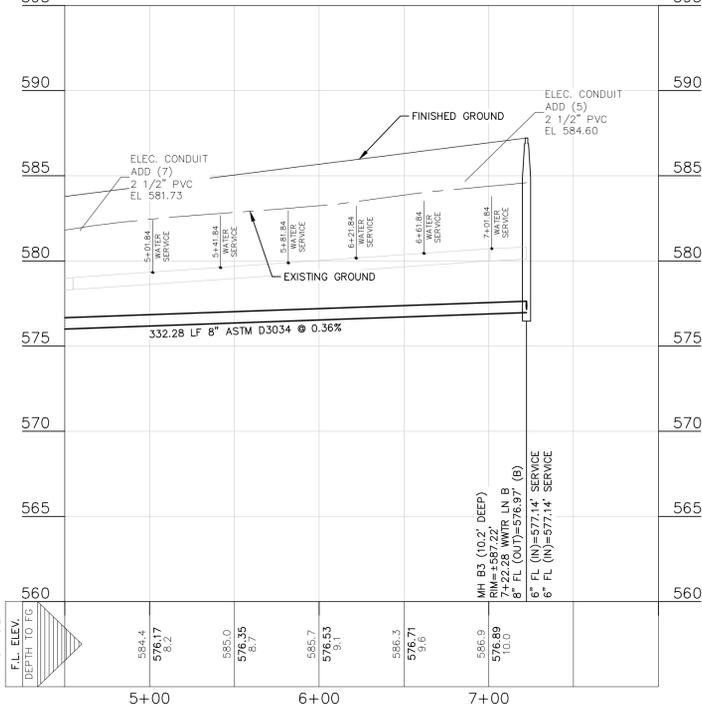
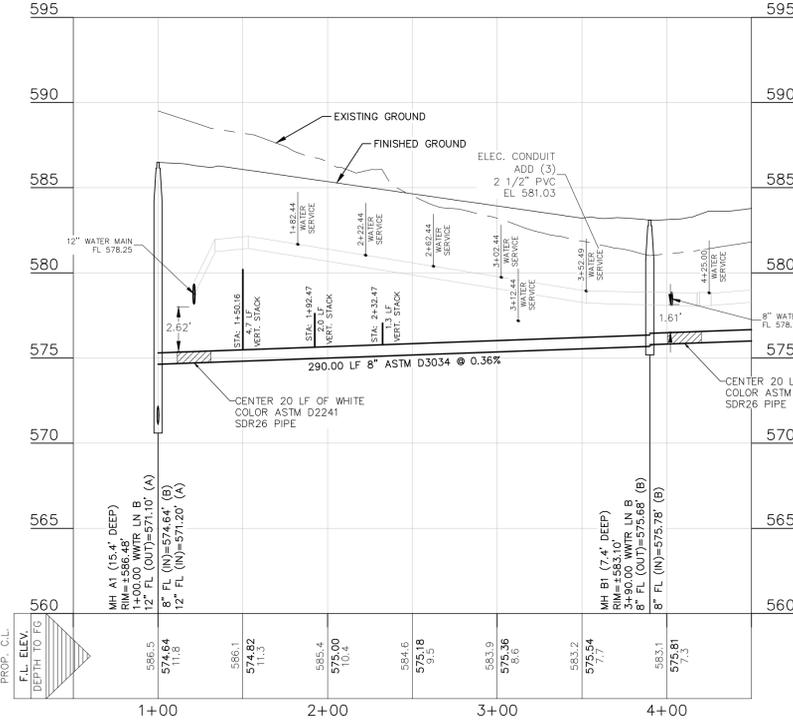
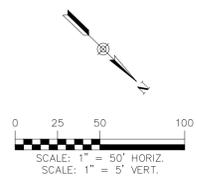


WWR LN B  
0+50 - 4+50



WWR LN B  
4+50 - 8+00

- LEGEND**
- 700 --- EXISTING CONTOURS
  - 700 --- PROPOSED CONTOURS
  - B.L. BUILDING SETBACK LINE
  - U.E. UTILITY EASEMENT
  - D.E. DRAINAGE EASEMENT
  - W --- EXISTING WASTEWATER LINE
  - W --- PROPOSED WASTEWATER LINE
  - W --- PROPOSED WASTEWATER SERVICE
  - W --- UTILITY CROSSING
- UTILITY NOTES:**
1. ALL UTILITIES TO BE CONSTRUCTED PRIOR TO THE STREETS.



**UTILITY TRENCH COMPACTION**  
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**TRENCH EXCAVATION SAFETY PROTECTION**  
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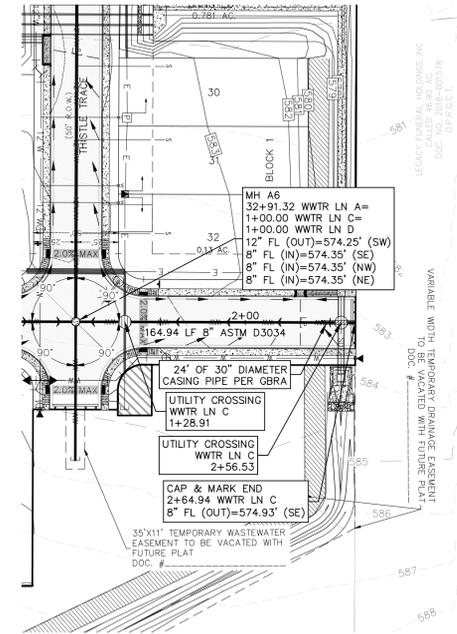
2/17/2026

**WASTEWATER LINE B  
 PLAN & PROFILE**  
 TRINITY GROVE, UNIT 1  
 NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
 DRAWN BY: KWP  
 DESIGNED BY: AAO  
 REVIEWED BY: RDB

Drawing Name: N:\Projects\011 - RB Home\011\011.041 - Trinity Grove Unit 1\GDs - Unit 1\011.041 - WWTR LN C.dwg User: ellie-d Feb 17, 2026 - 9:23am

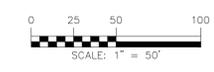


**LEGEND**

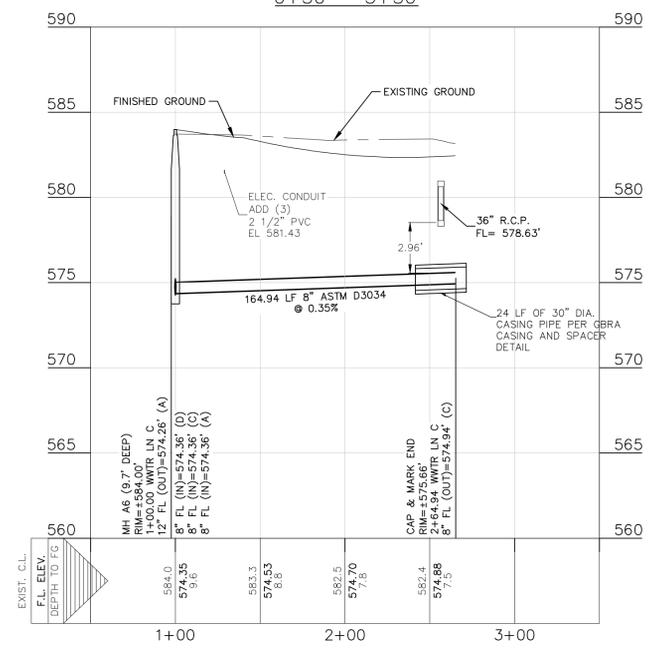
- 700 EXISTING CONTOURS
- 700 PROPOSED CONTOURS
- B.L. BUILDING SETBACK LINE
- U.E. UTILITY EASEMENT
- D.E. DRAINAGE EASEMENT
- ww EXISTING WASTEWATER LINE
- ww PROPOSED WASTEWATER MANHOLE
- ww PROPOSED WASTEWATER LINE
- ww PROPOSED WASTEWATER SERVICE
- Utility Crossing

**UTILITY NOTES:**

- ALL UTILITIES TO BE CONSTRUCTED PRIOR TO THE STREETS.



WWTR LN C  
0+50 - 3+50



**UTILITY TRENCH COMPACTION**  
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**TRENCH EXCAVATION SAFETY PROTECTION**  
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290 S. CASTELL AVE., STE. 100  
 NEW BRAUNFELS, TX 78130  
 TBPELS FIRM F-10961  
 TBPELS FIRM 10153600

**HMT**  
 ENGINEERING & SURVEYING

STATE OF TEXAS  
 ROBERT DREW BURNETT  
 15495  
 LICENSED PROFESSIONAL ENGINEER  
 Dan Burnett

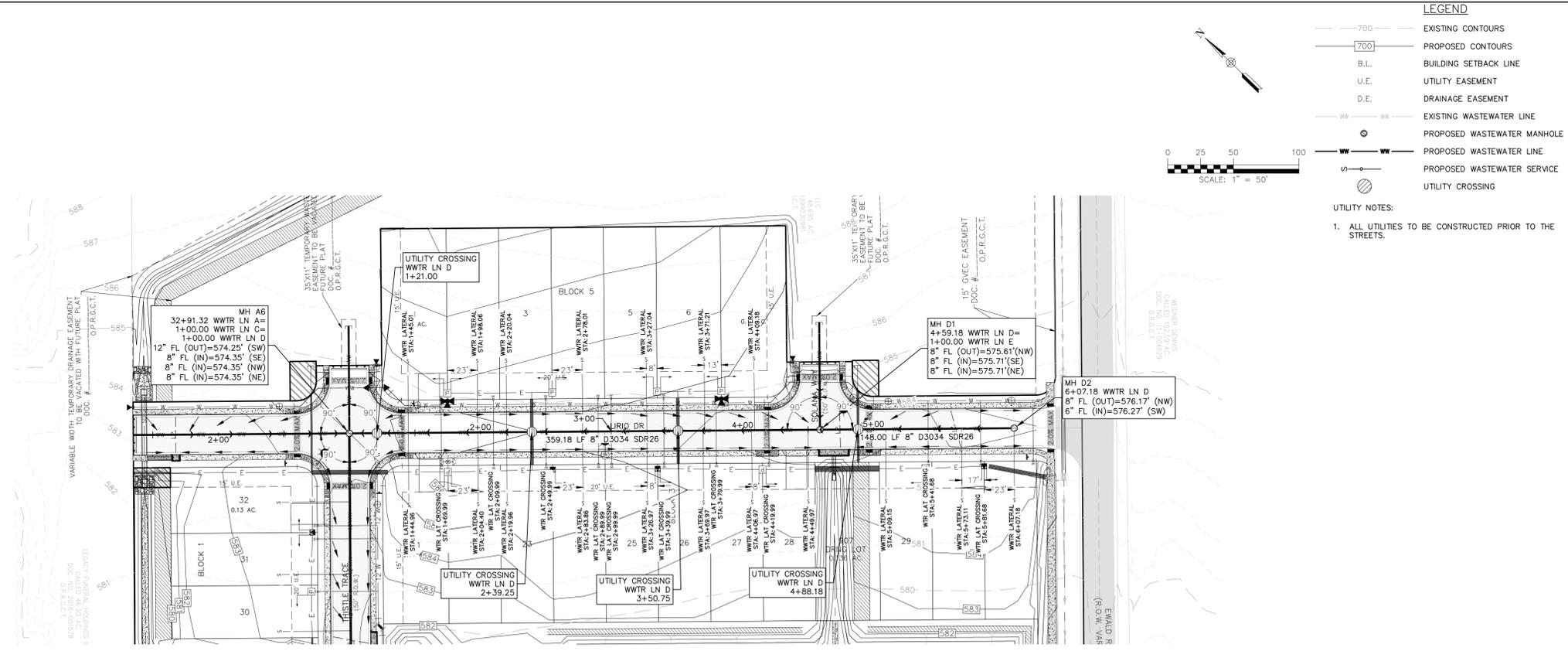
2/17/2026

**WASTEWATER LINE C  
 PLAN & PROFILE**  
 TRINITY GROVE, UNIT 1  
 NEW BRAUNFELS, TEXAS

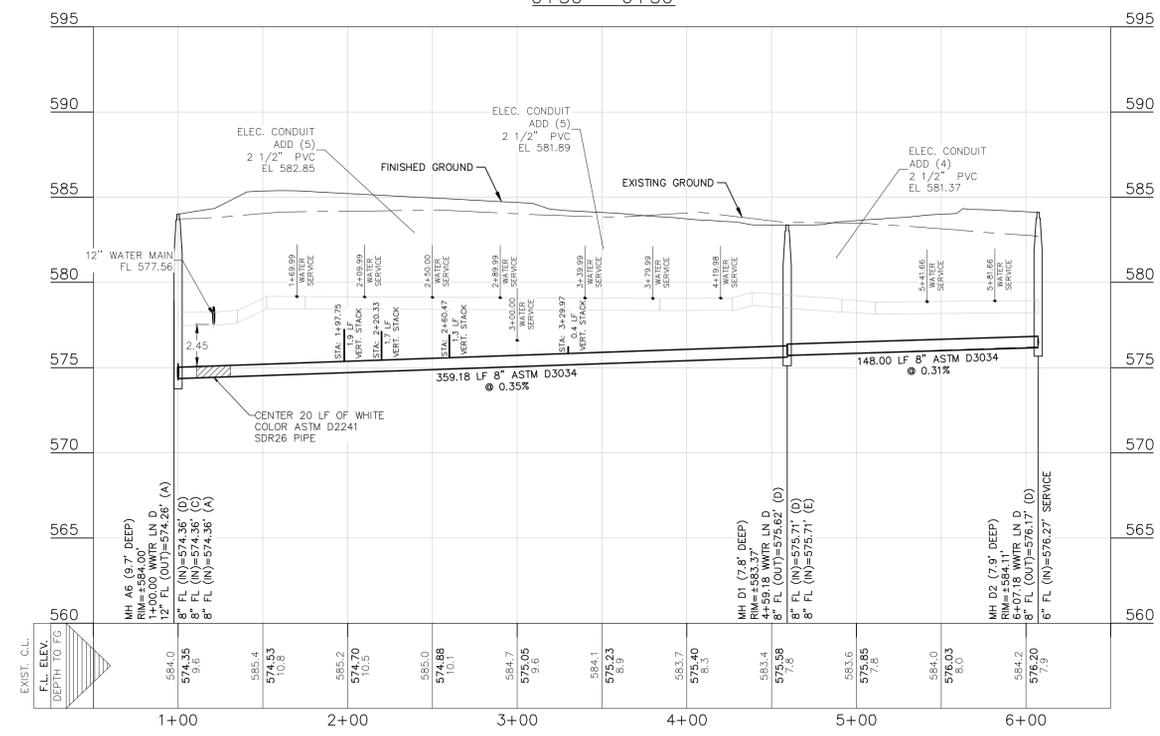
NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
 DRAWN BY: KWP  
 DESIGNED BY: AAO  
 REVIEWED BY: RDB  
 HMT PROJECT NO.: 011.041

**SHEET  
 C7.04**



WWR LN D  
0+50 - 6+50



**UTILITY TRENCH COMPACTION**  
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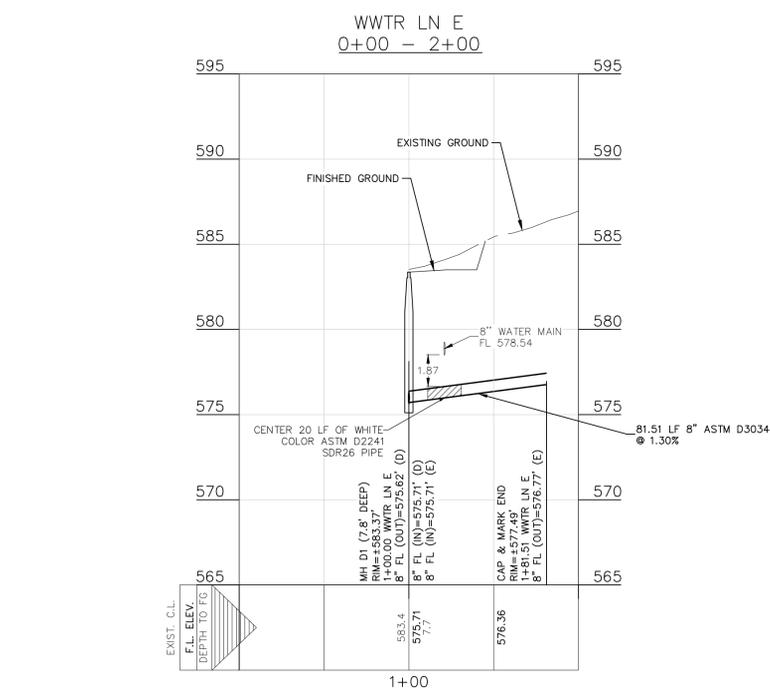
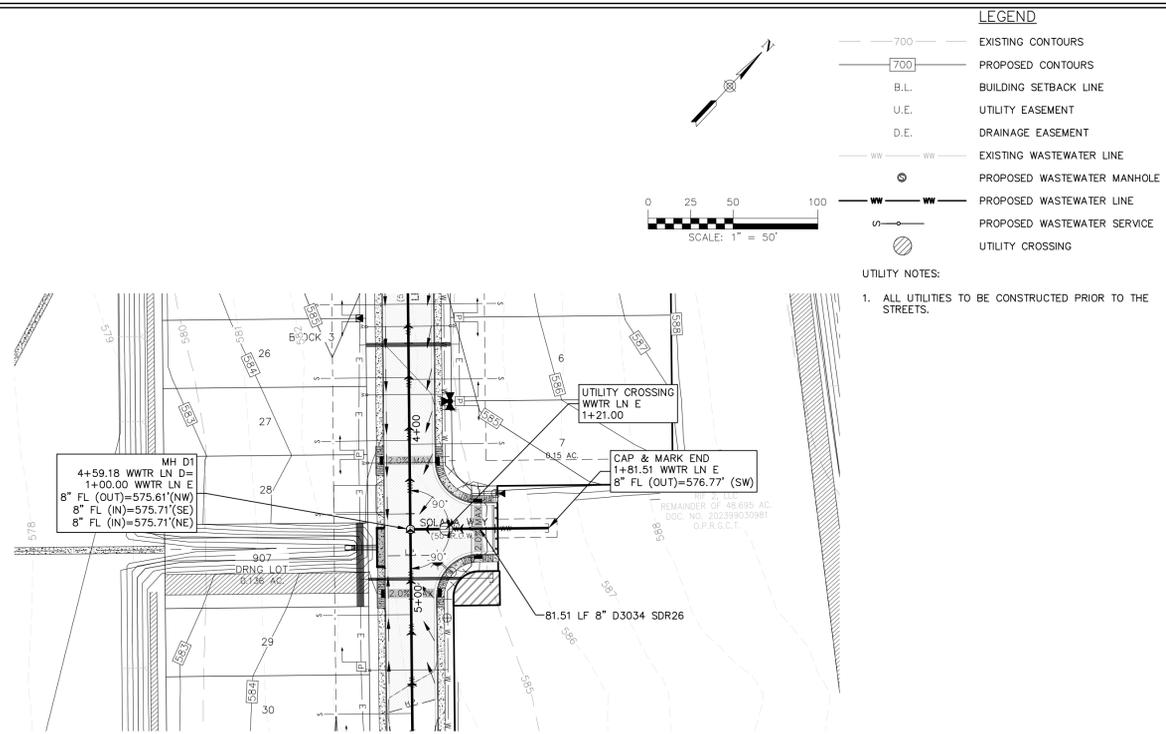
**TRENCH EXCAVATION SAFETY PROTECTION**  
CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTORS IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATIONS.

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NO.	REVISION DESCRIPTION	REVISION DATE

Drawing Name: N:\Projects\011 - RB Home\011\011 - Trinity Grove Unit 1\CADs - Unit 1\011.dwg - WWTN LN E.dwg User: elle-d Feb 17, 2026 - 9:23am



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290 S. CASTELL AVE., STE. 100  
 NEW BRAUNFELS, TX 78130  
 TBPELS FIRM F-10961  
 TBPELS FIRM 10153600

**HMT**  
 ENGINEERING & SURVEYING



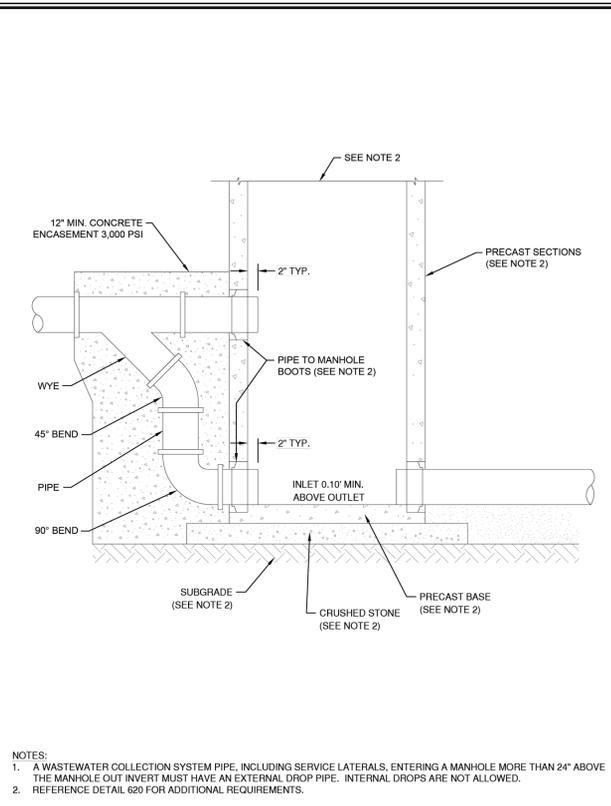
2/17/2026

**WASTEWATER LINE E  
 PLAN & PROFILE**  
 TRINITY GROVE, UNIT 1  
 NEW BRAUNFELS, TEXAS

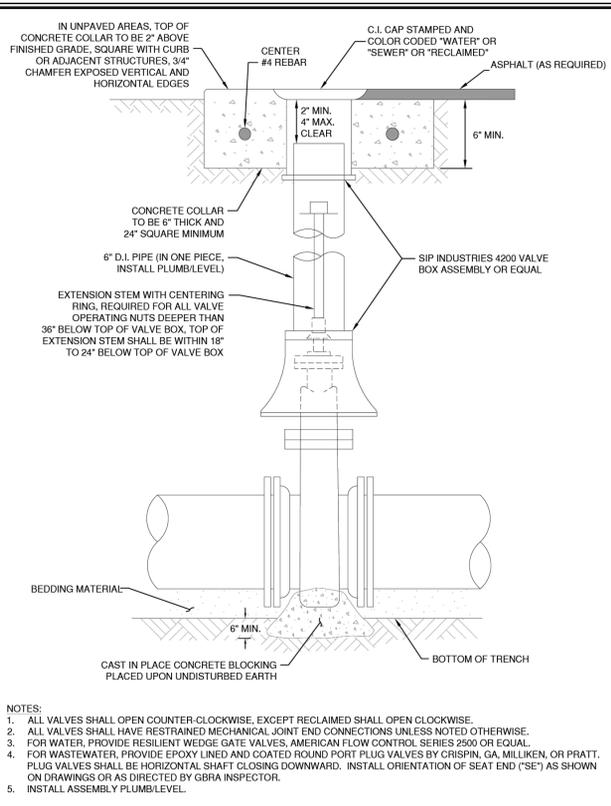
NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
 DRAWN BY: KWP  
 DESIGNED BY: AAO  
 REVIEWED BY: RDB  
 HMT PROJECT NO.: 011.041  
**SHEET C7.06**

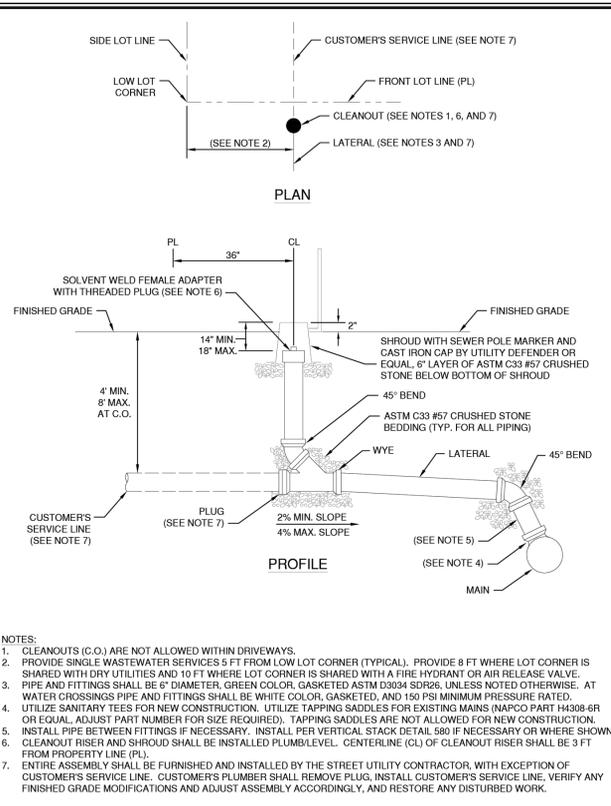
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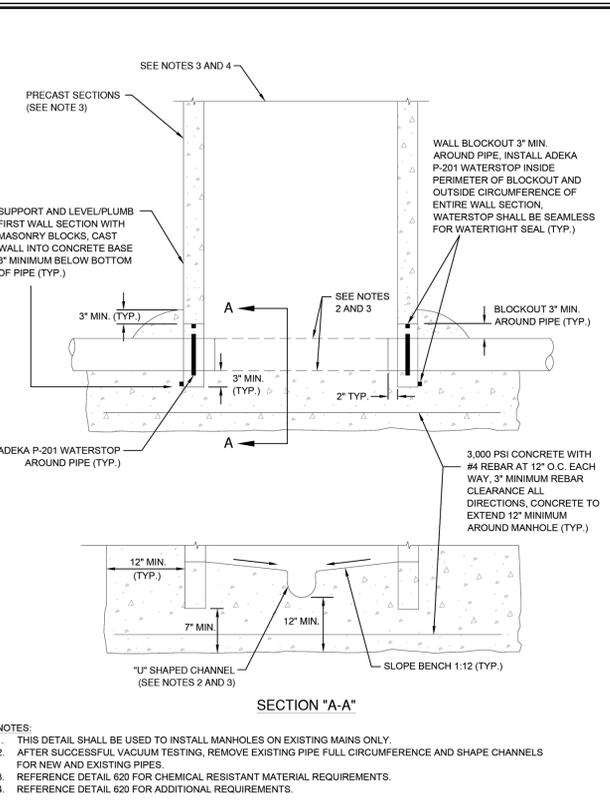
<b>GBRA</b> Guadalupe-Blanco River Authority	WASTEWATER DROP MANHOLE	REVISED	SCALE
		JUL. 28, 2025	NONE
DETAIL NO. 560			



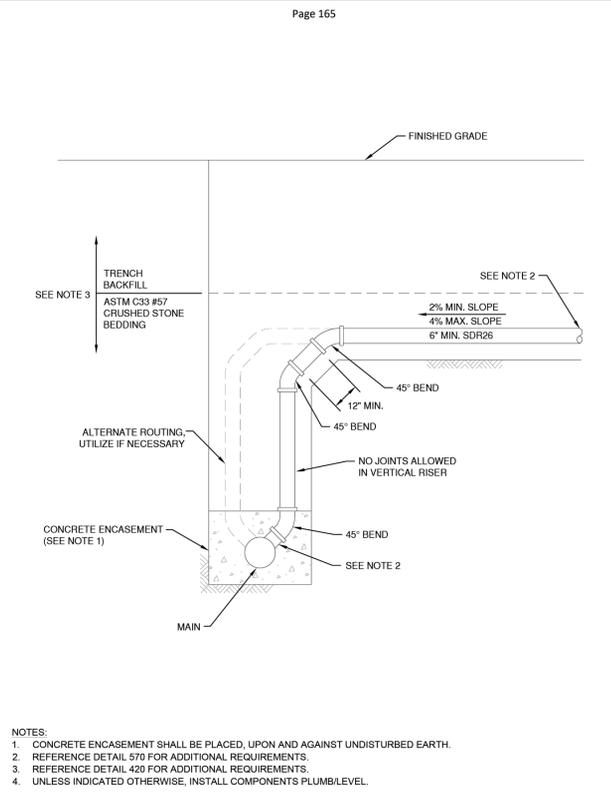
<b>GBRA</b> Guadalupe-Blanco River Authority	BURIED VALVE	REVISED	SCALE
		JUL. 28, 2025	NONE
DETAIL NO. 220			



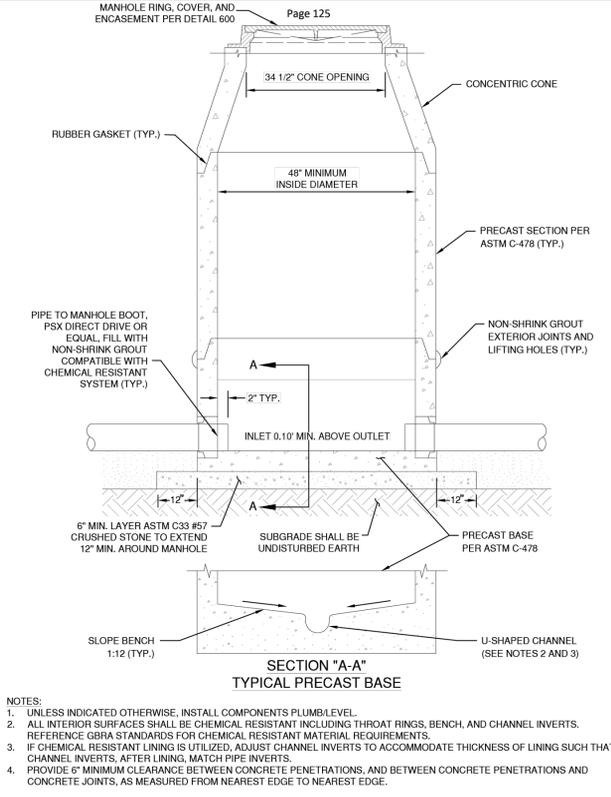
<b>GBRA</b> Guadalupe-Blanco River Authority	WASTEWATER LATERAL AND CLEANOUT	REVISED	SCALE
		JUL. 28, 2025	NONE
DETAIL NO. 570			



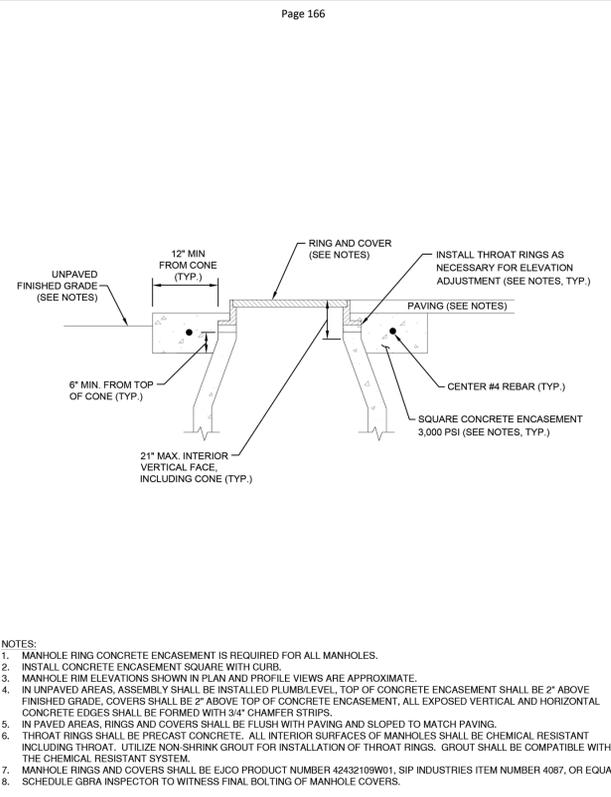
<b>GBRA</b> Guadalupe-Blanco River Authority	WASTEWATER MANHOLE CAST IN PLACE BASE	REVISED	SCALE
		JUL. 28, 2025	NONE
DETAIL NO. 590			



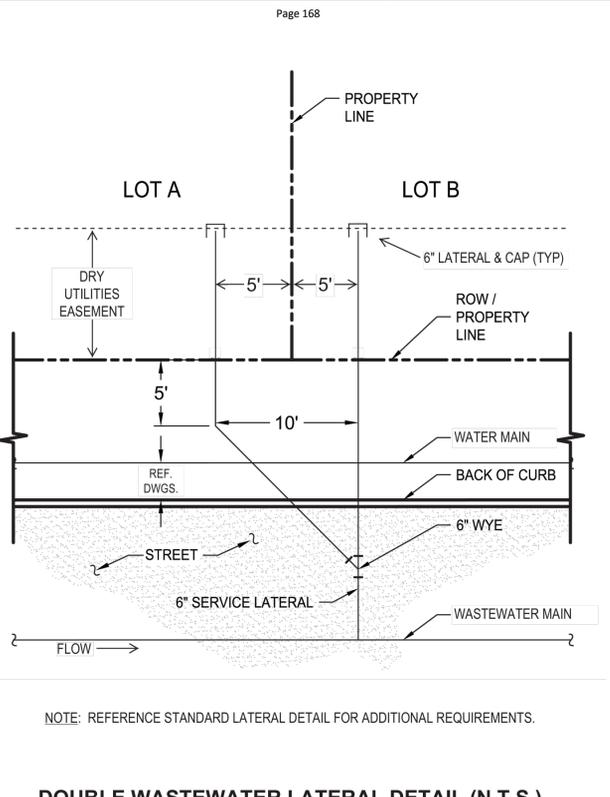
<b>GBRA</b> Guadalupe-Blanco River Authority	WASTEWATER LATERAL VERTICAL STACK	REVISED	SCALE
		JUL. 28, 2025	NONE
DETAIL NO. 580			



<b>GBRA</b> Guadalupe-Blanco River Authority	WASTEWATER PRECAST MANHOLE	REVISED	SCALE
		JUL. 28, 2025	NONE
DETAIL NO. 620			



<b>GBRA</b> Guadalupe-Blanco River Authority	WASTEWATER MANHOLE RING ENCASEMENT	REVISED	SCALE
		JUL. 28, 2025	NONE
DETAIL NO. 600			



<b>GBRA</b> Guadalupe-Blanco River Authority	DOUBLE WASTEWATER LATERAL DETAIL (N.T.S.)	REVISED	SCALE
		JUL. 28, 2025	NONE
DETAIL NO. 600			

290 S. CASTELL AVE., STE. 100  
 NEW BRAUNFELS, TX 78130  
 TBPELS FIRM F-10961  
 TBPELS FIRM 10153600

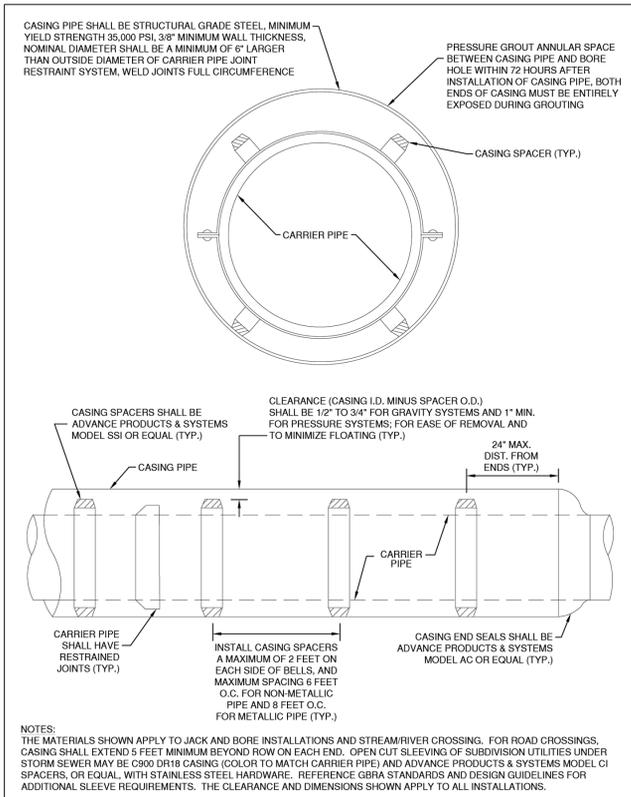


2/17/2026

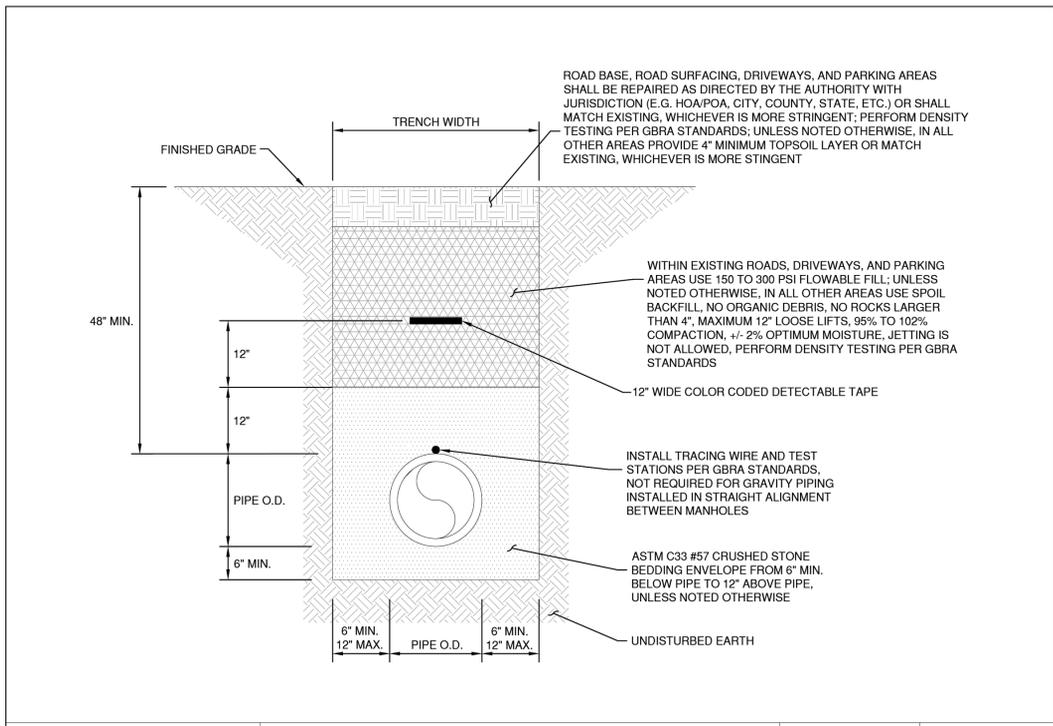
**WASTEWATER DETAILS 1 OF 2**  
 TRINITY GROVE, UNIT 1  
 NEW BRAUNFELS, TEXAS

NO.	REVISION DATE	DESCRIPTION

DATE: FEBRUARY 2026  
 DRAWN BY: KWP  
 DESIGNED BY: AAO  
 REVIEWED BY: RDB  
 HMT PROJECT NO.: 011.041  
**SHEET C7.07**



 Guadalupe-Blanco River Authority	<b>CASING AND SPACERS</b>	REVISED	SCALE
		JUL. 28, 2025	NONE
		DETAIL NO. 230	



 Guadalupe-Blanco River Authority	<b>PIPE TRENCH</b>	REVISED	SCALE
		JUL. 28, 2025	NONE
		DETAIL NO. 420	

Drawing Name: N:\Projects\011 - RB Home\011.041 - Trinity Grove Unit 1\CDs - Unit 1\011.041 - WWT DETAILS.dwg User: ellie-d Feb 17, 2026 - 9:23am

290 S. CASTELL AVE., STE. 100  
NEW BRAUNFELS, TX 78130  
TBPELS FIRM F-10961  
TBPELS FIRM 10153600



2/17/2026

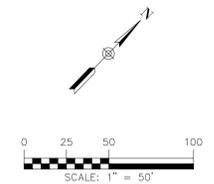
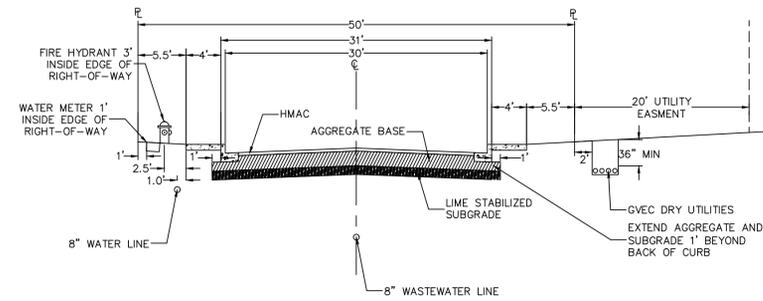
**WASTEWATER DETAILS**  
**2 OF 2**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE:	FEBRUARY 2026
DRAWN BY:	KWP
DESIGNED BY:	AAO
REVIEWED BY:	RDB
HMT PROJECT NO.:	011.041

**SHEET**  
**C7.08**

TYPICAL UTILITY ASSIGNMENT

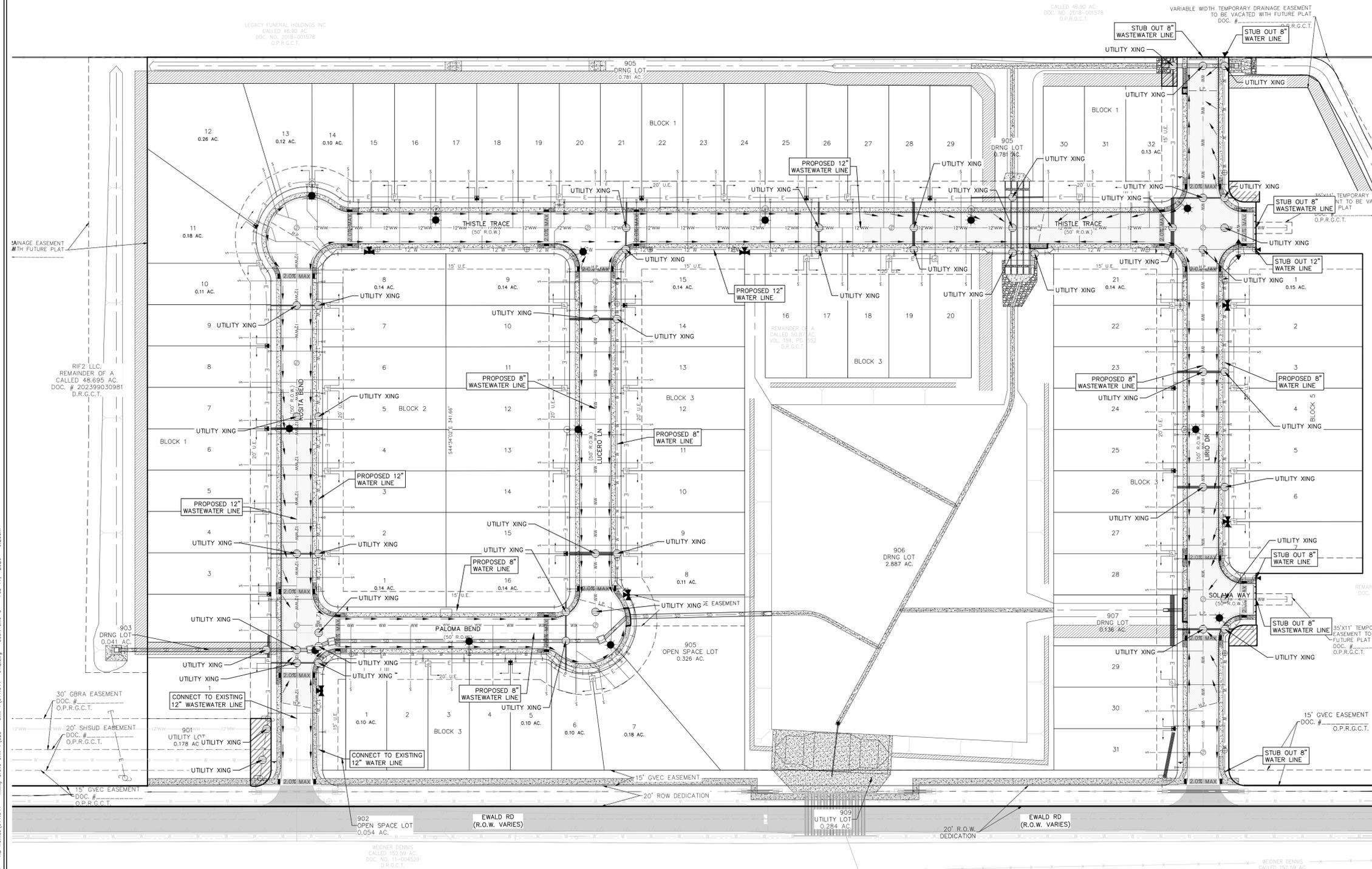


LEGEND

- 700 --- EXISTING CONTOURS
- 700 --- PROPOSED CONTOURS
- B.L. BUILDING SETBACK LINE
- U.E. UTILITY EASEMENT
- D.E. DRAINAGE EASEMENT
- EX WW --- EXISTING WASTEWATER LINE
- PROPOSED WASTEWATER LINE
- PROPOSED WASTEWATER SERVICE
- UTILITY CROSSING

UTILITY NOTES:

1. ALL UTILITIES TO BE CONSTRUCTED PRIOR TO THE STREETS.
2. NO VALVES, HYDRANTS, CLEANOUTS, ECT. SHALL BE CONSTRUCTED WITHIN CURBS, SIDEWALK OR DRIVEWAYS.



290 S. CASTELL AVE., STE. 100  
 NEW BRAUNFELS, TX 78130  
 TBPELS FIRM F-10961  
 TBPELS FIRM 10153600



2/17/2026

**OVERALL  
 UTILITY PLAN**  
 TRINITY GROVE, UNIT 1  
 NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
 DRAWN BY: KWP  
 DESIGNED BY: AAO  
 REVIEWED BY: RDB

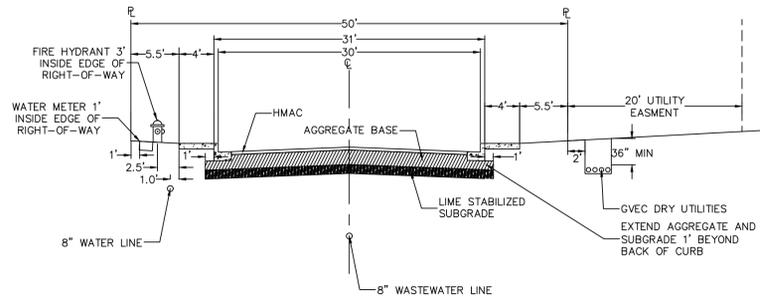
HMT PROJECT NO.: 011.041  
**SHEET  
 C8.00**

REFER TO THE COVER SHEET FOR BENCHMARK INFORMATION.

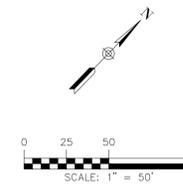
THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES 24-HOURS PRIOR TO COMMENCING CONSTRUCTION.

Drawing Name: N:\\_Projects\011 - TRINITY GROVE UNIT 1\CDs - Unit 1\011.041 - UTILITY.dwg User: ellie-d Feb 17, 2026 - 9:23am

TYPICAL UTILITY ASSIGNMENT



LEGACY FUNERAL HOLDINGS INC  
CALLED 46.90 AC.  
DOC. NO. 2018-001578  
O.P.R.G.C.T.

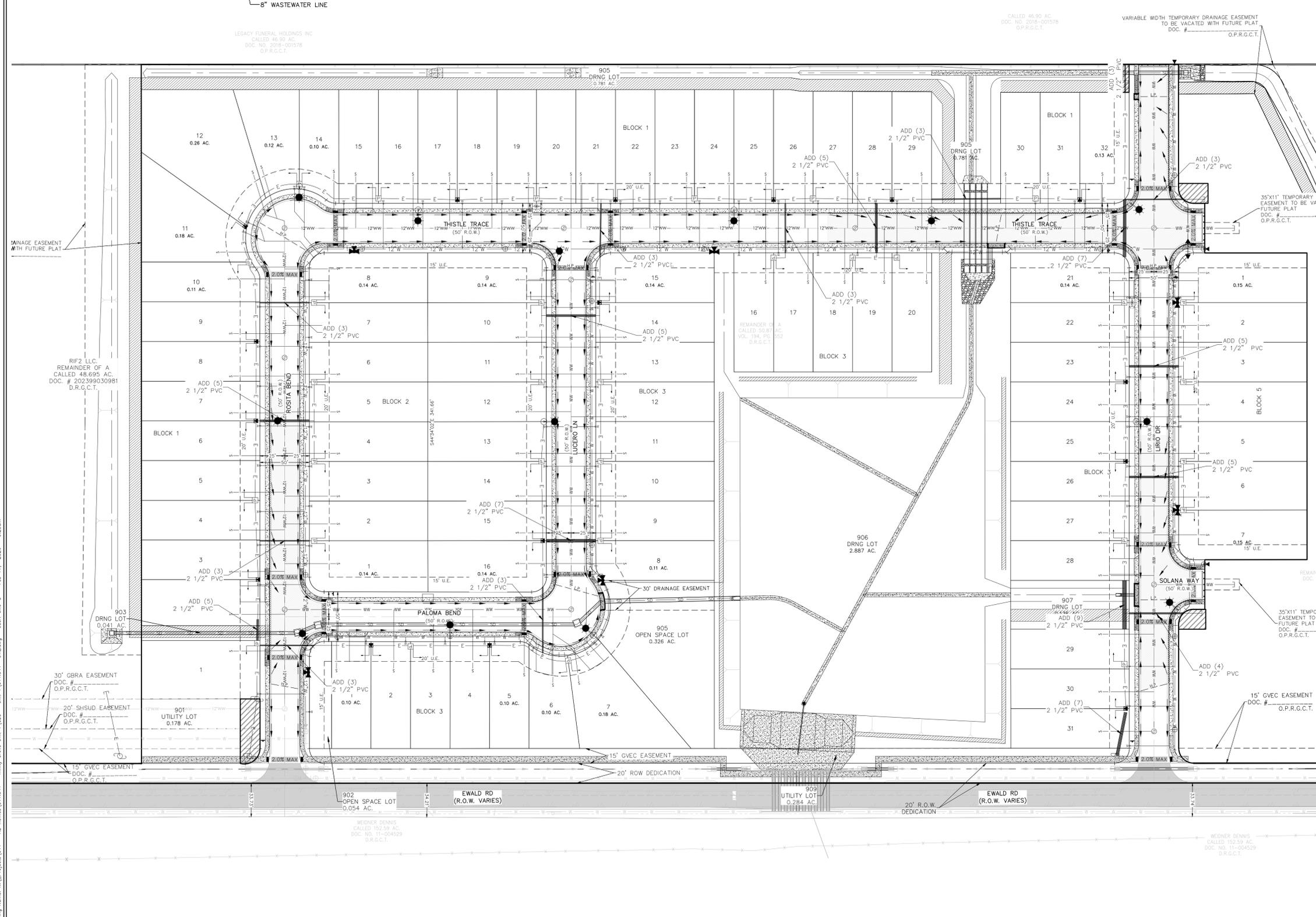


LEGEND

- 700 — EXISTING CONTOURS
- 700 — PROPOSED CONTOURS
- B.L. BUILDING SETBACK LINE
- U.E. UTILITY EASEMENT
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TBPELS FIRM F-10961  
TBPELS FIRM 10153600

**HMT**  
ENGINEERING & SURVEYING



2/17/2026

**DRY UTILITY PLAN**  
TRINITY GROVE, UNIT 1  
NEW BRAUNFELS, TEXAS

NO.	REVISION DESCRIPTION	REVISION DATE

DATE: FEBRUARY 2026  
DRAWN BY: KWP  
DESIGNED BY: AAO  
REVIEWED BY: RDB  
HMT PROJECT NO.: 011.041

**SHEET**  
**C8.01**

REFER TO THE COVER SHEET FOR BENCHMARK INFORMATION.

THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES 24-HOURS PRIOR TO COMMENCING CONSTRUCTION.

Drawing Name: N:\Projects\011 - Trinity Grove Unit 1\CDs - Unit 1\011.041 - UTILITY.dwg User: ellie-d Feb 17, 2026 - 9:23am