

CIVIL PLANS

FOR

KITTLE PROPERTY GROUP INC.

CAMINO VALIENTE ROADWAY & CHANNEL PLAN AND PROFILE

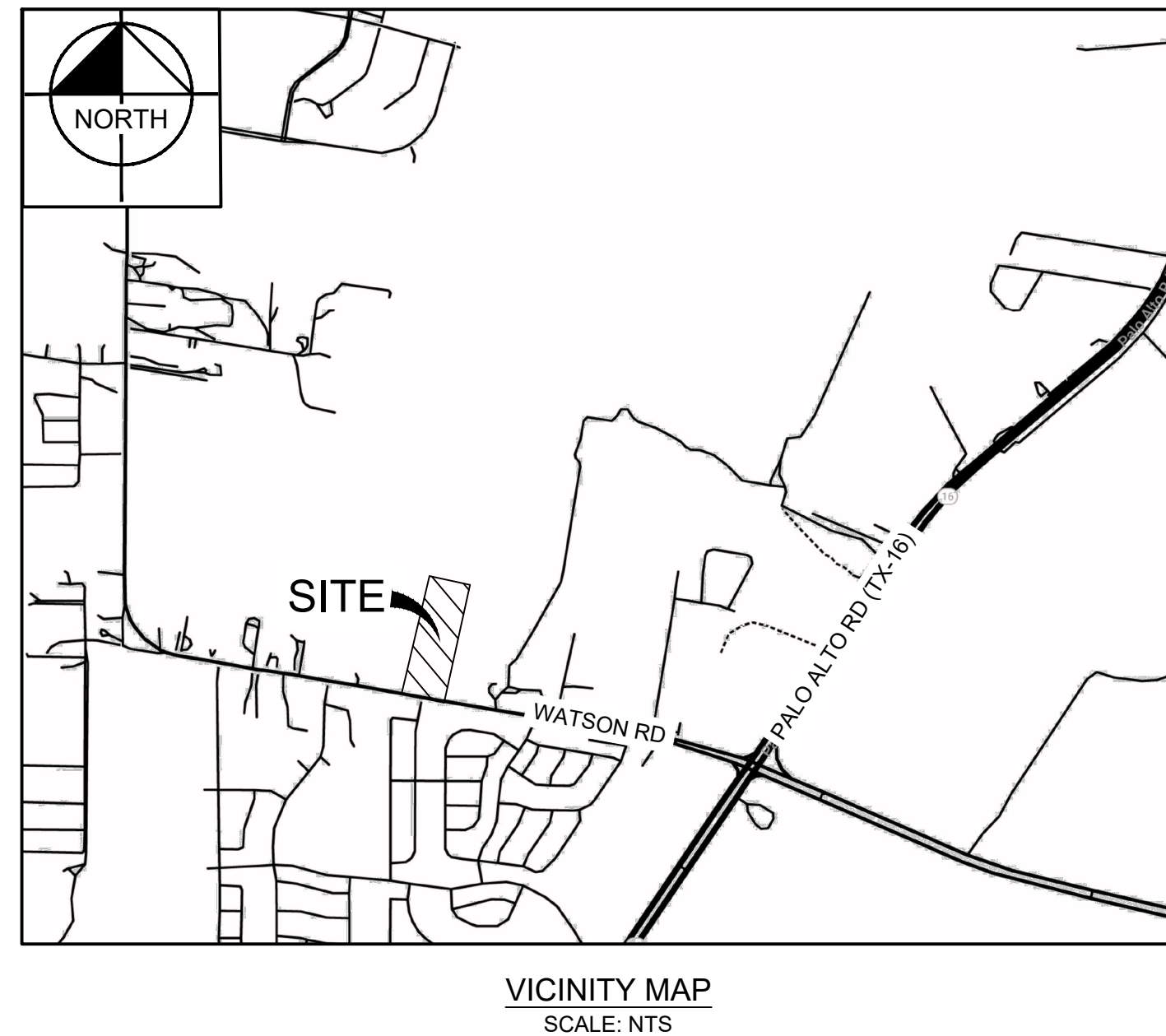
WATSON ROAD AND SH 16
SAN ANTONIO, TX 78264

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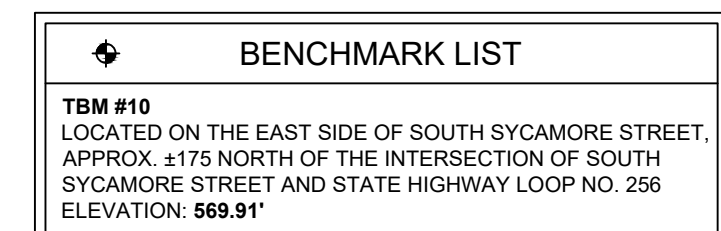


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SUBMITTAL REVIEW LOG

90% CONSTRUCTION DRAWINGS	6/30/2025
PERMIT SET	7/18/2025



CAUTION!!

EXISTING UNDERGROUND UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS TO EXISTING UTILITIES DUE TO DAMAGE INCURRED DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE PLANS.

CAMINO VALIENTE
PREPARED FOR
KITTLE PROPERTY GROUP, INC.
SAN ANTONIO TEXAS

COVER SHEET



KHA PROJECT 068916908	DATE 7/18/2025	SCALE	AS SHOWN	DESIGNED BY	CR	DRAWN BY	CR	CHECKED BY	MM
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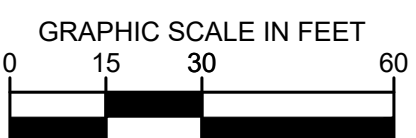
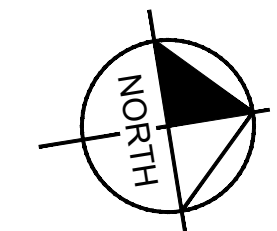
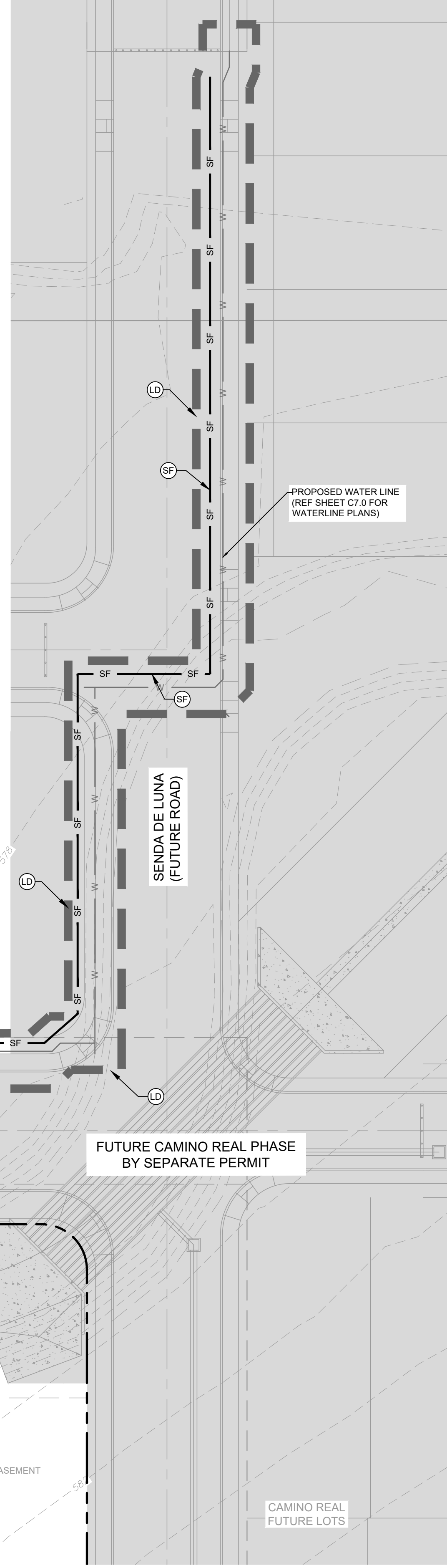
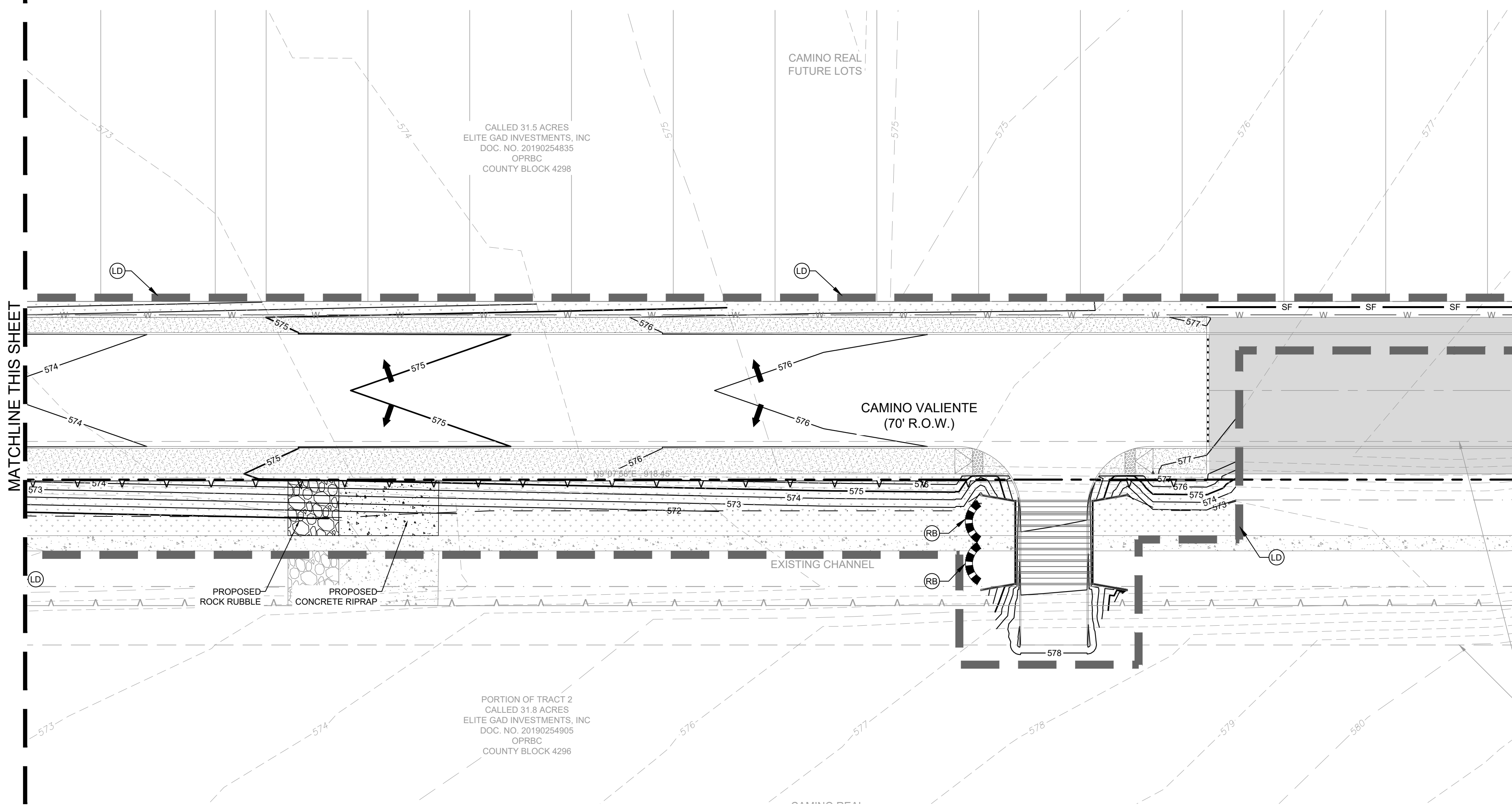
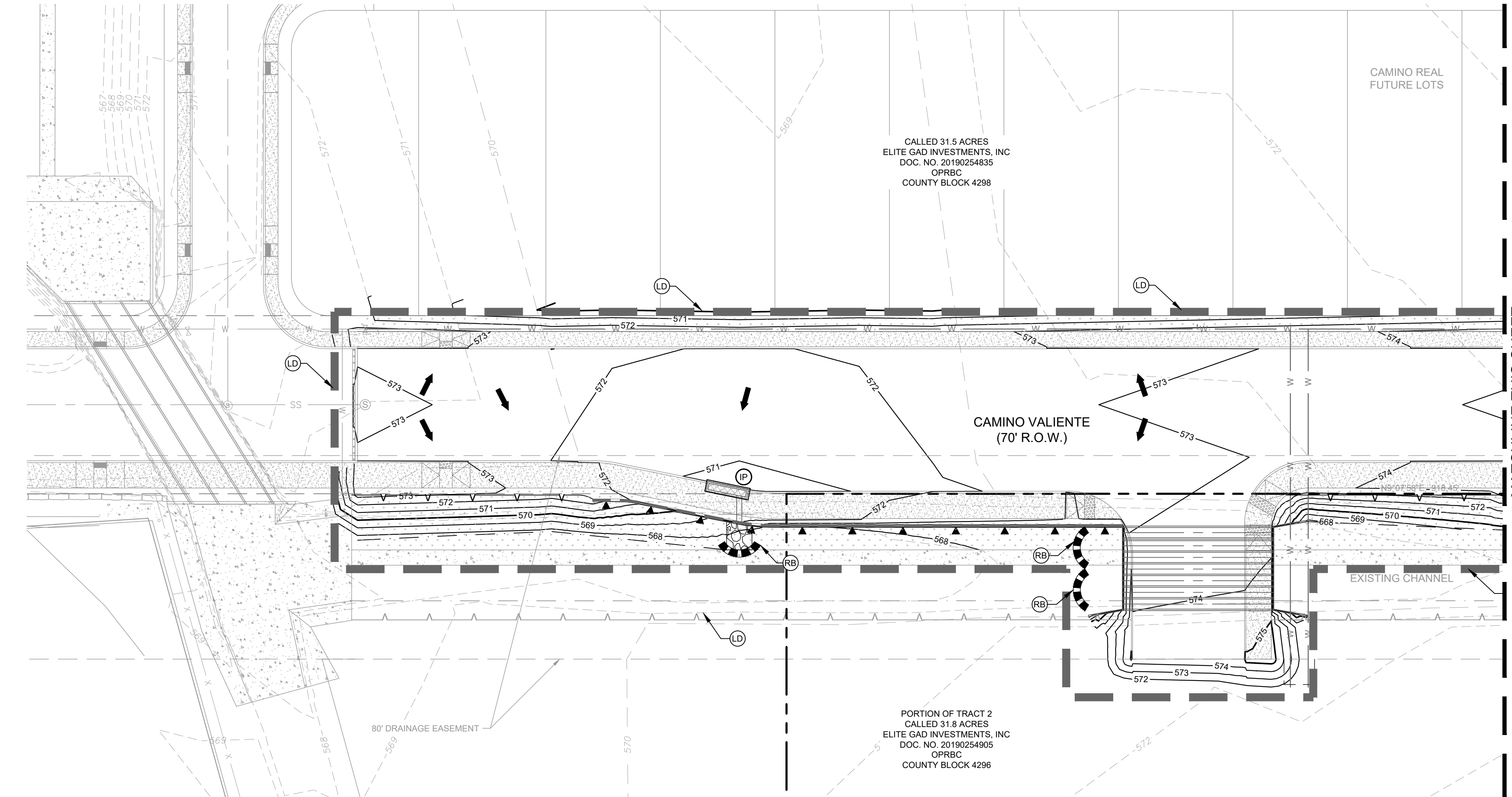
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LEGEND

- PROPERTY BOUNDARY
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED LIMITS OF DISTURBANCE
- DIRECTION OF OVERLAND FLOW W/GRADE
- SILT FENCE (SEE DETAIL SHEET C2.1)
- ROCK BERM (SEE DETAIL SHEET C2.1)
- CURB INLET PROTECTION (SEE DETAIL SHEET C2.1)
- PERMANENT STABILIZATION (REF. PERMANENT EROSION CONTROL NOTES ON SHEET C2.1)

NOTES

- AREAS CONTAINED WITHIN THE PROPERTY BOUNDARIES WILL BE AREAS OF DISTURBANCE AND SOIL STABILIZATION. ALL SOILS WITHIN THESE LIMITS SHALL BE STABILIZED BY VEGETATION OR STRUCTURE.
- NO CONSTRUCTION AND/OR WASTE MATERIAL SHALL BE PLACED IN EXISTING LOWS THAT WILL BLOCK OR ALTER FLOW LIMITS OF EXISTING NATURAL DRAINAGE OR PLACED WITHIN THE LIMITS OF EXISTING FLOODPLAIN.
- A CITY OF SAN ANTONIO PERMIT MUST BE OBTAINED BEFORE WORKING IN THE CITY OF SAN ANTONIO RIGHT-OF-WAY.
- IMMEDIATELY AFTER COMPLETION OF THE GRADING AND COMPACTION OF THE CHANNEL SIDE SLOPES, CONTRACTOR SHALL APPLY FLEXTERRA HIGH PERFORMANCE GROWTH MEDIUM (HP-FGM), OR AN APPROVED EQUIVALENT SLOPE STABILIZATION PRODUCT, ON THE SIDE SLOPES WITH A SEED MIX SPECIFIED BY THE VENDOR THAT IS APPROPRIATE FOR THE SEASON OF APPLICATION AND THE SITE TOP SOIL CONDITIONS. THE CONTRACTOR SHALL SUBMIT THE PROPOSED SEED MIX TO THE LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO IMPLEMENTATION.
- CONTRACTOR IS RESPONSIBLE FOR ALL SEEDING/RESEEDING, TEMPORARY IRRIGATION, AND ANY OTHER MEANS NECESSARY TO ENSURE FULL VEGETATIVE STABILIZATION IS ACHIEVED ON THE CHANNEL SIDE SLOPES WITHOUT THE PRESENCE OF ANY EROSION, RILLING, OR AREAS OF STANDING WATER AROUND OR WITHIN THE CHANNEL UPON THE COMPLETION OF THE PROJECT.

EROSION CONTROL SCHEDULE AND SEQUENCING

- | | |
|--|--|
| I. ROUGH GRADING/ DEMOLITION | CONSTRUCTION ENTRANCE/EXIT, TREE PROTECTION, FILTER DAMS AND SILT FENCE PROTECTION SHALL BE INSTALLED PRIOR TO THE INITIATION OF ROUGH GRADING, AS NEEDED. |
| II. UTILITY INSTALLATION | ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED AS NECESSARY DURING UTILITY INSTALLATION. |
| III. PAVING | ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED AS NECESSARY DURING PAVING AND THROUGHOUT THE REMAINDER OF THE PROJECT. |
| IV. FINAL GRADING/ SOIL STABILIZATION/ LANDSCAPING | ALL TEMPORARY EROSION CONTROL MEASURES TO BE REMOVED AT THE CONCLUSION OF THE PROJECT AS DIRECTED BY THE CITY OR COUNTY. |

BENCHMARK LIST

TBM #10
LOCATED ON THE EAST SIDE OF SOUTH SYCAMORE STREET, APPROX. ±175 NORTH OF THE INTERSECTION OF SOUTH SYCAMORE STREET AND STATE HIGHWAY LOOP NO. 256
ELEVATION: 569.91'

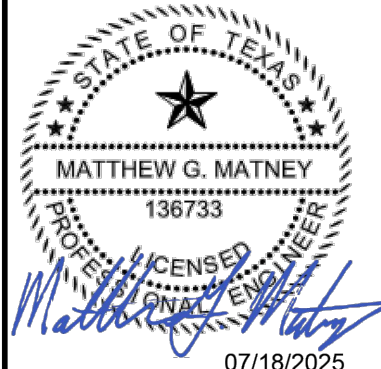


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KHA PROJECT	068916908
DATE	7/18/2025
SCALE	AS SHOWN
DESIGNED BY	CR
DRAWN BY	CR
CHECKED BY	MGM

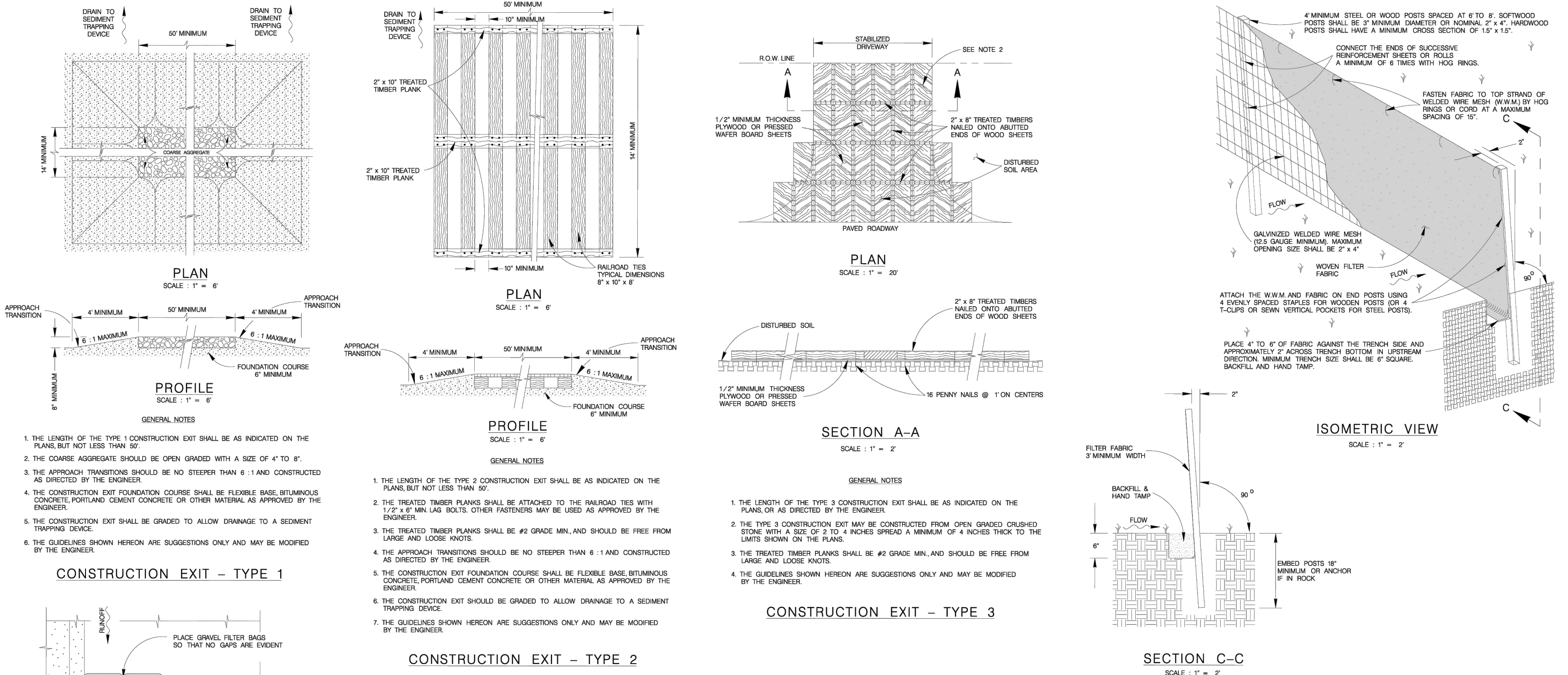
EROSION CONTROL PLAN

CAMINO VALIENTE
PREPARED FOR
KITTLE PROPERTY GROUP, INC.
SAN ANTONIO, TEXAS

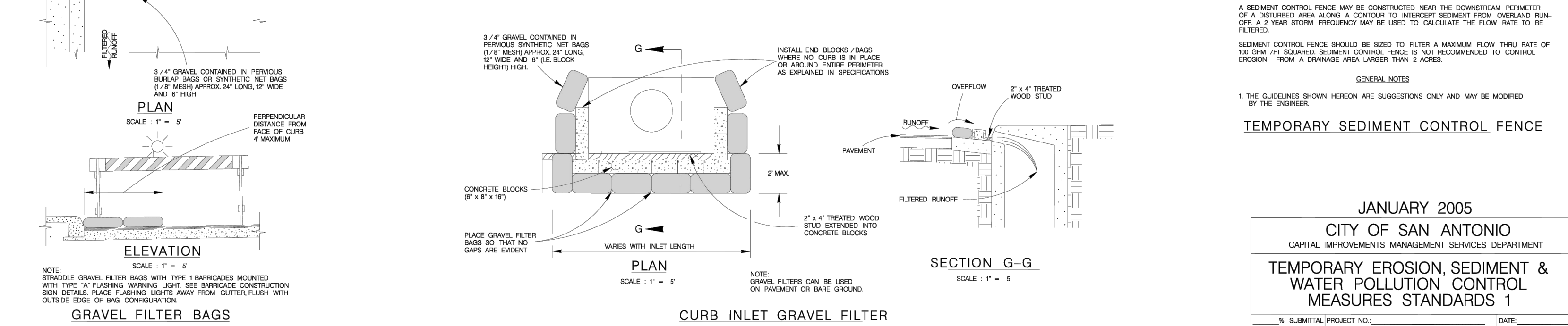
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C2.0

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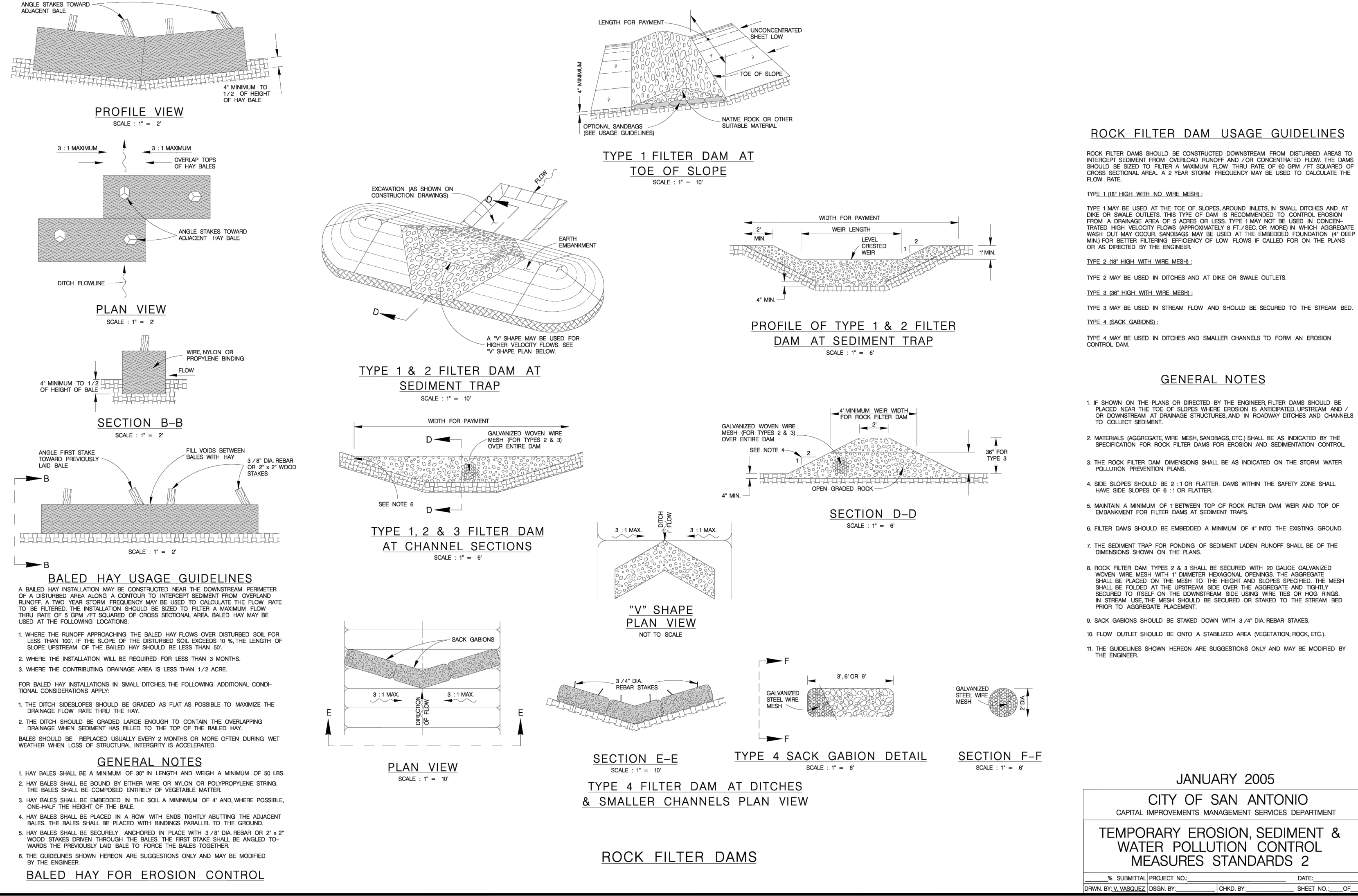
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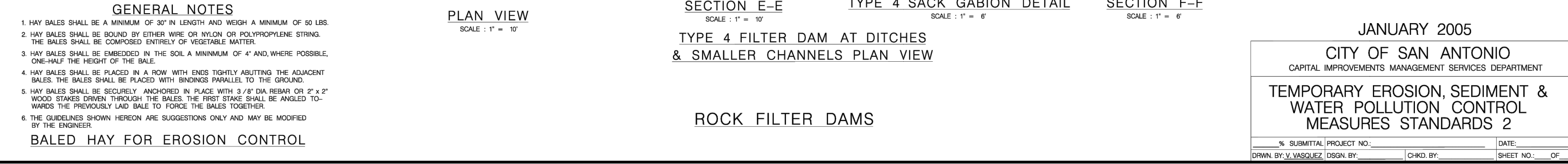
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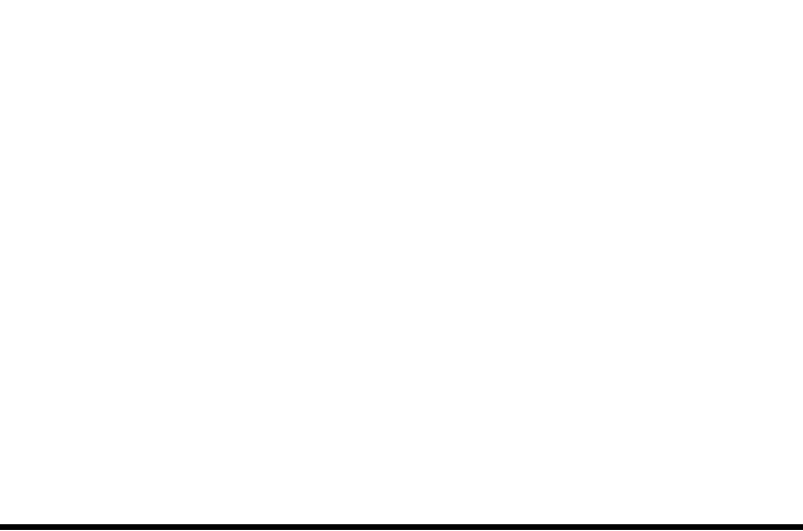
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SITE MAPS - SITE SPECIFIC NOTES

- CONSTRUCTION ENTRANCE SHALL BE LOCATED SO AS TO PROVIDE THE LEAST AMOUNT OF DISTURBANCE TO THE FLOW OF TRAFFIC IN AND OUT OF THE SITE. ADDITIONALLY, CONSTRUCTION ENTRANCE SHALL BE LOCATED TO COINCIDE WITH THE PHASING OF THE PAVEMENT REPLACEMENT.
- THE NATURE OF THIS SITE'S CONSTRUCTION CONSISTS OF:
A. CLEARING AND GRUBBING
B. PRELIMINARY GRADING
C. UTILITY INSTALLATION
D. PAVEMENT CONSTRUCTION
E. BUILDING CONSTRUCTION
F. FINAL GRADING AND STABILIZATION
- THE SUBSURFACE CONDITIONS ON-SITE CONSIST GENERALLY OF XXXXX PER REPORT NO. XXXX, PREPARED BY XXXX ON XXXXXX.
- STORM WATER ON-SITE WILL LEAVE THE SITE VIA SURFACE FLOW AND UNDERGROUND PIPE.
- POST CONSTRUCTION STORM WATER POLLUTION CONTROL MEASURES INCLUDE STABILIZATION BY PERMANENT PAVING, OR LANDSCAPING.
- VELOCITY DISSIPATION DEVICES (RIP-RAP) WILL BE USED.
- DISTURBED PORTIONS OF SITE MUST BE STABILIZED. STABILIZATION PRACTICES MUST BE INITIATED WITHIN 14 DAYS IN PORTIONS OF THE SITE WHERE CONSTRUCTION HAS BEEN EITHER TEMPORARILY OR PERMANENTLY CEASED, UNLESS EXCEPTED WITHIN THE TPDES PERMIT. CONTRACTOR SHALL REMOVE TEMPORARY EROSION CONTROL DEVICES UPON COMPLETION OF STABILIZATION OR PERMANENT DRAINAGE FACILITIES.
- ACCORDING TO COMMUNITY PANEL NO. 48029C0080F, DATED 9/29/2010 OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM), A PORTION OF THE SUBJECT TRACT IS LOCATED WITHIN ZONE "AE" WHICH IS DEFINED BY FEMA AS "1% ANNUAL FLOOD CHANCE AREA WITH BASE FLOOD ELEVATIONS DETERMINED". THE REMAINDER OF THE PROPERTY IS WITHIN ZONE "X" (UN-SHADED) DEFINED BY FEMA AS "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN."
- CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPPP/SITE MAP TO INCLUDE BMP'S FOR ANY OFF-SITE MATERIAL WASTE, BORROW OR EQUIPMENT STORAGE AREAS.
- CONTRACTOR SHALL INSPECT DISTURBED AREAS, MATERIAL STORAGE AREAS EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, AND VEHICLE ENTRY AND EXIT AREAS AT LEAST ONCE EVERY 14 CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT OF 0.5 INCHES OR GREATER.

SITE MAP - GENERAL NOTES

- CONTRACTOR IS SOLELY RESPONSIBLE FOR SELECTION, IMPLEMENTATION, MAINTENANCE, AND EFFECTIVENESS OF ALL SWPPP CONTROLS - CONTROLS SHOWN ON THIS SITE MAP ARE SUGGESTED CONTROLS ONLY.
- CONTRACTOR SHALL RECORD INSTALLATION, MAINTENANCE OR MODIFICATION, AND REMOVAL DATES FOR EACH BMP EMPLOYED (WHETHER CALLED OUT ON ORIGINAL SWPPP OR NOT) DIRECTLY ON THE SITE MAP.
- DRAINAGE PATTERNS ARE SHOWN ON THIS PLAN BY PROPOSED AND EXISTING CONTOURS, FLOW ARROWS, AND SLOPES.
- TEMPORARY AND PERMANENT STABILIZATION PRACTICES AND BMP'S SHALL BE INSTALLED AT THE EARLIEST POSSIBLE TIME DURING THE CONSTRUCTION SEQUENCE. AS AN EXAMPLE, PERIMETER SILT FENCE SHALL BE INSTALLED BEFORE COMMENCEMENT OF ANY GRADING ACTIVITIES. OTHER BMP'S SHALL BE INSTALLED AS SOON AS PRACTICABLE AND SHALL BE MAINTAINED UNTIL FINAL SITE STABILIZATION IS ATTAINED. CONTRACTOR SHALL ALSO REFERENCE CIVIL AND LANDSCAPE PLANS SINCE PERMANENT STABILIZATION IS PROVIDED BY LANDSCAPING, THE BUILDING(S), AND SITE PAVING.
- BMP'S HAVE BEEN LOCATED AS INDICATED ON THIS PLAN IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES IN ORDER TO MINIMIZE SEDIMENT TRANSFER. FOR EXAMPLE, SILT FENCES LOCATED AT TOE OF SLOPE AND INLET PROTECTION FOR INLETS RECEIVING SEDIMENT FROM SITE RUN-OFF.
- SANITARY SEWER EFFLUENT IS DISPOSED OF VIA AN ONSITE SEWER SYSTEM CONNECTED TO A MUNICIPAL SEWER SYSTEM.

TEMPORARY EROSION CONTROL NOTES

- THE CONTRACTOR SHALL INSTALL EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR EXCAVATION).
- THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN.
- THE PLACEMENT OF TREE/NATURAL AREA PROTECTIVE FENCING SHALL BE IN ACCORDANCE WITH STANDARD NOTES FOR TREE AND NATURAL AREA PROTECTION AND THE APPROVED GRADING/TREE AND NATURAL AREA PLAN.
- A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD ON-SITE WITH THE CONTRACTOR, DESIGN ENGINEER/PERMIT APPLICANT AND ENVIRONMENTAL INSPECTOR AFTER INSTALLATION OF THE EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTION MEASURES AND PRIOR TO BEGINNING ANY SITE PREPARATION WORK. THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST THREE (3) DAYS PRIOR TO THE MEETING DATE.
- ANY MAJOR VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON THE APPROVED PLANS WILL REQUIRE A REVISION AND MUST BE APPROVED BY THE REVIEWING ENGINEER, ENVIRONMENTAL SPECIALIST, OR ARBORIST AS APPROPRIATE. MAJOR REVISIONS MUST BE APPROVED BY THE PLANNING AND DEVELOPMENT DEPARTMENT AND THE DRAINAGE UTILITY DEPARTMENT. MINOR CHANGES OR ADDITIONAL CONTROL MEASURES TO BE MADE AS FIELD REVISIONS TO THE EROSION AND SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE ENVIRONMENTAL INSPECTOR DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR IS REQUIRED TO INSPECT THE CONTROLS AND FENCES AT WEEKLY INTERVALS AND AFTER SIGNIFICANT RAINFALL EVENTS TO INSURE THAT THEY ARE FUNCTIONING PROPERLY. THE PERSON(S) RESPONSIBLE FOR MAINTENANCE OF CONTROLS AND FENCES SHALL IMMEDIATELY MAKE ANY NECESSARY REPAIRS TO DAMAGED AREAS. SILT ACCUMULATION AT CONTROLS MUST BE REMOVED WHEN THE DEPTH REACHES SIX (6) INCHES.

PERMANENT EROSION CONTROL NOTES

ALL DISTURBED AREAS SHALL BE RESTORED AS NOTED BELOW.

- A MINIMUM OF FOUR (4) INCHES OF TOPSOIL SHALL BE PLACED IN ALL DRAINAGE CHANNELS (EXCEPT ROCK) AND BETWEEN THE CURB AND THE RIGHT-OF-WAY LINE.
- THE SEEDING FOR PERMANENT EROSION CONTROL SHALL BE APPLIED OVER AREAS DISTURBED BY CONSTRUCTION AS FOLLOWS:
BROADCAST SEEDING:
1. FROM SEPTEMBER 15 TO MARCH 1, SEEDING SHALL BE WITH A COMBINATION OF 2 POUNDS PER 1000 SQUARE FEET OF UNHULLED BERMU DA AND 7 POUNDS PER 1000 SQUARE FOOT OF WINTER RYE WITH A PURITY OF 95% WITH 90% GERMINATION.
2. FROM MARCH 2 TO SEPTEMBER 14, SEEDING SHALL BE WITH HULLED BERMU DA AT A RATE OF 2 POUNDS PER 1000 SQUARE FEET WITH A PURITY OF 95% WITH 85% GERMINATION.
A. FERTILIZER SHALL BE A PELLETTED OR GRANULAR SLOW RELEASE WITH AN ANALYSIS OF 15-15-15 TO BE APPLIED ONCE AT PLANTING AND ONCE DURING THE PERIOD OF ESTABLISHMENT AT THE RATE OF 1 POUND PER 1000 SQUARE FEET.
B. MULCH TYPE USED SHALL BE HAY, STRAW OR MULCH APPLIED AT A RATE OF 45 POUNDS PER 1000 SQUARE FEET.
HYDRAULIC SEEDING:
1. FROM SEPTEMBER 15 TO MARCH 1, SEEDING SHALL BE WITH A COMBINATION OF 1 POUND PER 1000 SQUARE FEET OF UNHULLED BERMU DA AND 7 POUNDS PER 1000 SQUARE FOOT OF WINTER RYE WITH A PURITY OF 95% WITH 90% GERMINATION.
2. FROM MARCH 2 TO SEPTEMBER 14, SEEDING SHALL BE WITH HULLED BERMU DA AT A RATE OF 1 POUND PER 1000 SQUARE FEET WITH A PURITY OF 95% WITH 85% GERMINATION.
A. FERTILIZER SHALL BE A WATER SOLUBLE FERTILIZER WITH AN ANALYSIS OF 15-15-15 AT THE RATE OF 1.5 POUNDS PER 1000 SQUARE FEET.
B. MULCH TYPE USED SHALL BE HAY, STRAW OR MULCH APPLIED AT A RATE OF 45 POUNDS PER 1000 SQUARE FEET, WITH SOIL TACKIFIER AT A RATE OF 1.4 POUNDS PER 1000 SQUARE FEET.
C. THE PLANTED AREA SHALL BE IRRIGATED OR SPRINKLED IN A MANNER THAT WILL NOT ERODE THE TOPSOIL, BUT WILL SUFFICIENTLY SOAK THE SOIL TO A DEPTH OF SIX (6) INCHES. THE IRRIGATION SHALL OCCUR AT TEN-DAY INTERVALS DURING THE FIRST TWO MONTHS. RAINFALL OCCURRENCES OF 1/2 INCH OR MORE SHALL POSTPONE THE WATERING SCHEDULE FOR ONE WEEK.
D. RESTORATION SHALL BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST 1-1/2 INCHES HIGH WITH 95% COVERAGE PROVIDED NO BARE SPOTS LARGER THAN 16 SQUARE FEET EXIST.
E. WHEN REQUIRED, NATIVE GRASS SEEDING SHALL COMPLY WITH REQUIREMENTS OF THE ENVIRONMENTAL CRITERIA MANUAL.

BENCHMARK LIST

TBM #10
LOCATED ON THE EAST SIDE OF SOUTH SYCAMORE STREET, APPROX. ±175' NORTH OF THE INTERSECTION OF SOUTH SYCAMORE STREET AND STATE HIGHWAY LOOP NO. 256
ELEVATION: 569.91'

811 Know what's below. Call before you dig.

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WWW.KIMLEY-HORN.COM TBE FIRM NO. 928

STATE OF TEXAS
MATTHEW G. MATNEY
198733
LICENSED PROFESSIONAL ENGINEER
07/18/2025

KHA PROJECT
068616008
DATE
7/18/2025
SCALE
AS SHOWN
DESIGNED BY
CR
DRAWN BY
CR
CHECKED BY
MEM

CAMINO VALIENTE
PREPARED FOR
KITTLE PROPERTY GROUP, INC.
SAN ANTONIO
TEXAS

EROSION CONTROL DETAILS

SHEET NUMBER
C2.1

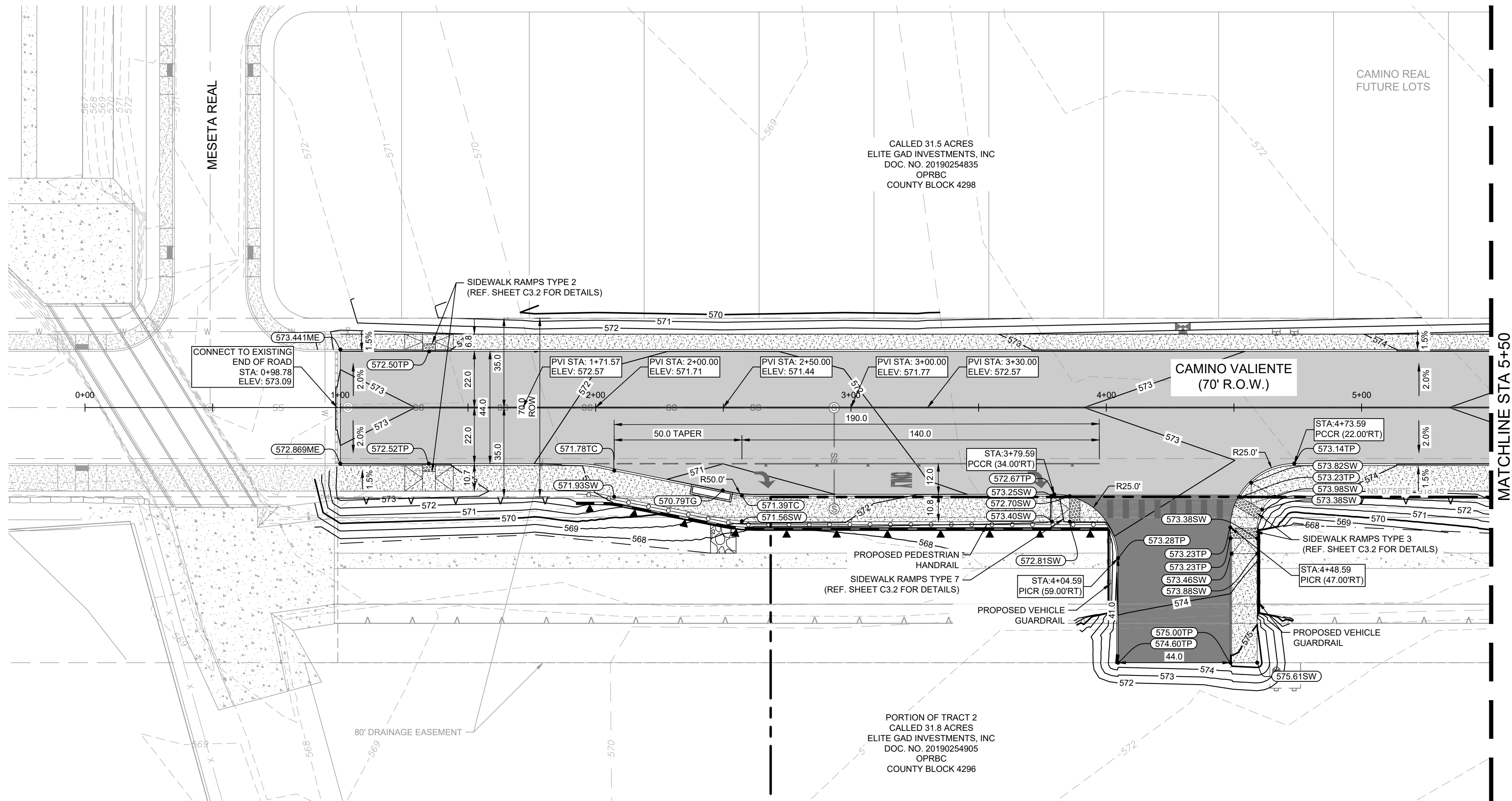
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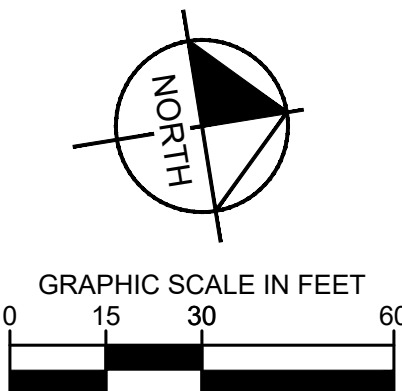
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- ### NOTES
- ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
 - ALL SPOT GRADES ARE TO TOP OF PAVEMENT (TP) OR TOP OF GRATE (TG), UNLESS OTHERWISE NOTED AS TC (TOP OF CURB). CONTRACTOR TO ADD 6" (PRIVATE CURB) OR 7" (PUBLIC CURB) FOR TOP OF CURB AS NECESSARY.
 - MAXIMUM SLOPE IN ACCESSIBLE PARKING SPACES, LOADING ZONES AND SIDEWALK LANDINGS SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS.
 - MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS UNLESS OTHERWISE NOTED. RUNNING SLOPE MAY EXCEED 5% IN PUBLIC R.O.W. IF EXISTING ROAD SLOPE EXCEEDS 5%.
 - ALL CONSTRUCTION SPECIFICATIONS WITHIN CITY RIGHT-OF-WAY AND EASEMENTS SHALL COMPLY WITH CITY OF SAN ANTONIO STANDARDS. PRIOR APPROVAL TO USE ANY NON-STANDARD MATERIAL IS REQUIRED.
 - REFER TO STORM SEWER PLAN FOR INLET SIZES. STORM STRUCTURES SHALL BE BUILT BASED ON STORM PLAN SPECIFICATIONS.
 - SEE SHEET C3.2 FOR TYPICAL PAVEMENT SECTION AND DETAILS.
 - ALL DEVELOPER RAMP ARE TYPE 2 OR TYPE 7 PER DETAILS (REF. SHEET C3.2) AND ARE ADA COMPLIANT.
 - NO VALVES, HYDRANTS, ETC. SHALL BE CONSTRUCTED WITHIN CURBS, SIDEWALKS, OR DRIVEWAYS.

LEGEND

- PROPERTY BOUNDARY
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED SPOT ELEVATION
- TP TOP OF PAVEMENT
- SW TOP OF SIDEWALK
- TC TOP OF CURB
- TG TOP OF GRATE
- ME MATCH EXISTING
- PVI POINT OF VERTICAL INTERSECTION
- PCCR POINT OF CURVATURE CURB RETURN
- PICR POINT OF INTERSECTION CURB RETURN
- PROPOSED PEDESTRIAN HAND RAIL (REF. SHEET C3.3 FOR DETAILS)
- PROPOSED VEHICLE GUARDRAIL (REF. SHEET C3.3 FOR DETAILS)
- PROPOSED BARRIER FREE RAMP
- PROPOSED ASPHALT PAVEMENT (REF. SHEET C3.2 FOR DETAILS)
- PROPOSED CONCRETE PAVEMENT (REF. SHEET C3.2 FOR DETAILS)
- PROPOSED SIDEWALK (REF. SHEET C3.3 FOR DETAILS)
- PROPOSED CURB INLET
- EXISTING SANITARY SEWER MANHOLE



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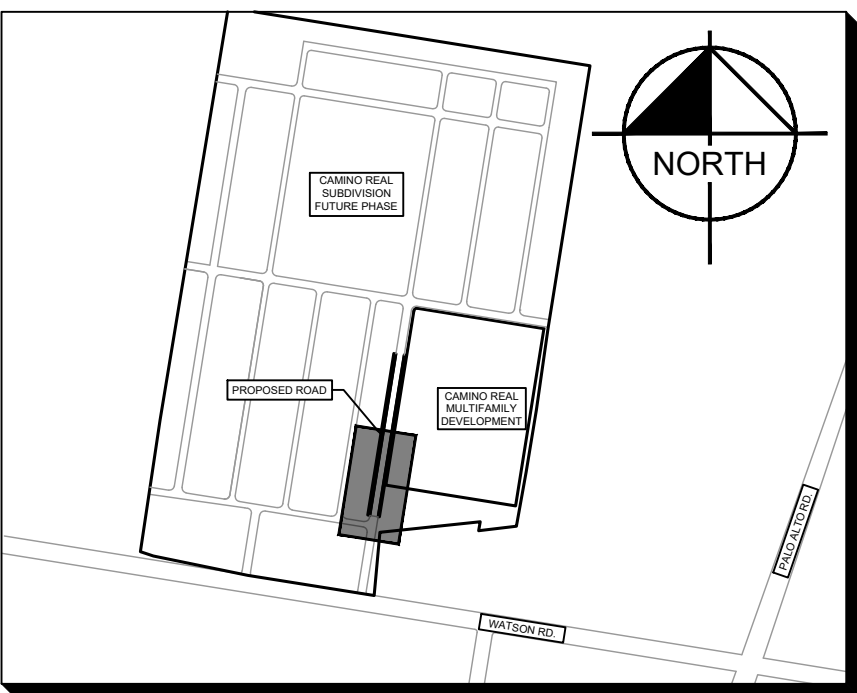
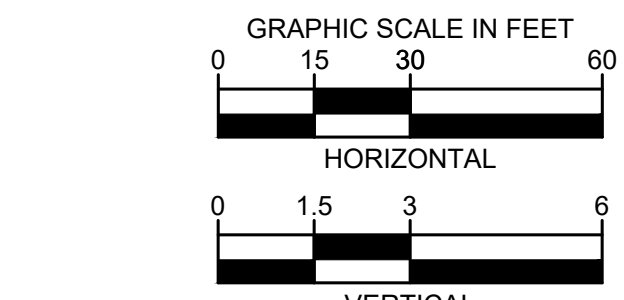
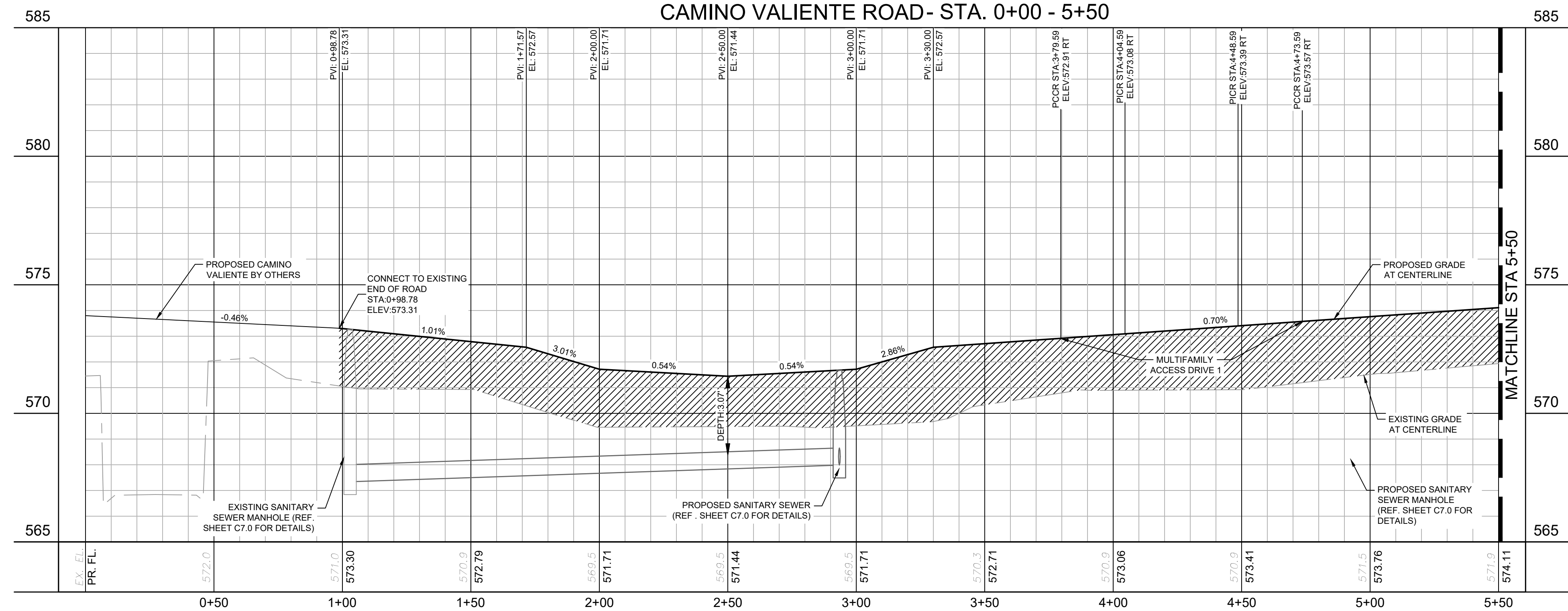
MATTHEW G. MATNEY
136733
LICENSED PROFESSIONAL ENGINEER
07/18/2025

KHA PROJECT	068916908
DATE	7/18/2025
SCALE	AS SHOWN
DESIGNED BY	CR
DRAWN BY	CR
CHECKED BY	MGM

CAMINO VALIENTE - PLAN & PROFILE - (STA 1+00 - STA 5+50)

CAMINO VALIENTE
PREPARED FOR
KITTLE PROPERTY GROUP, INC.
SAN ANTONIO, TEXAS

SHEET NUMBER
C3.0

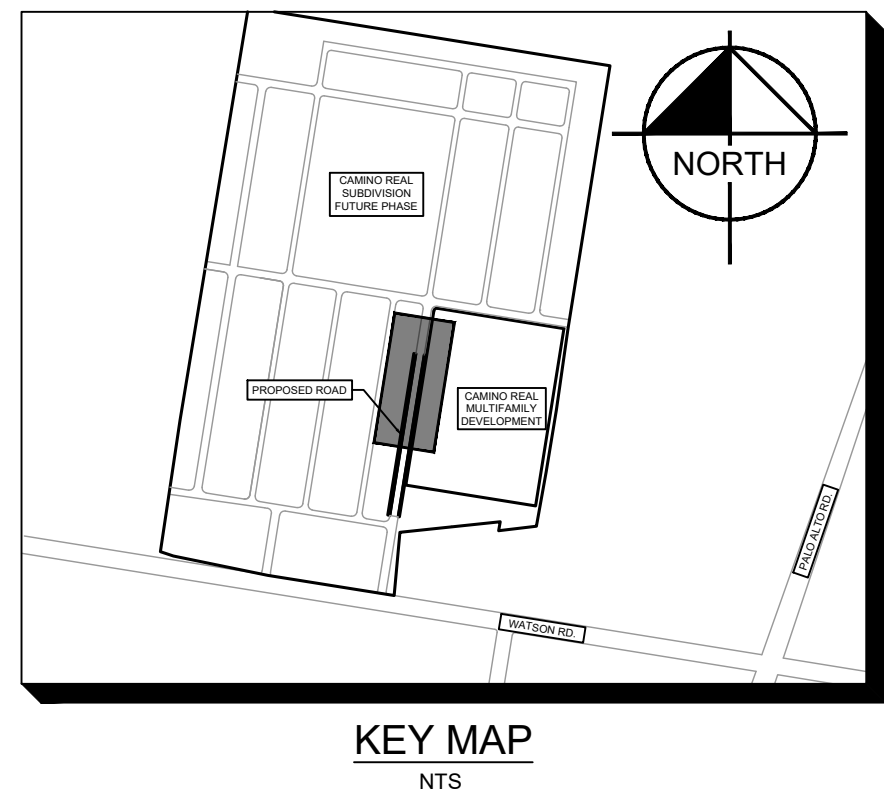
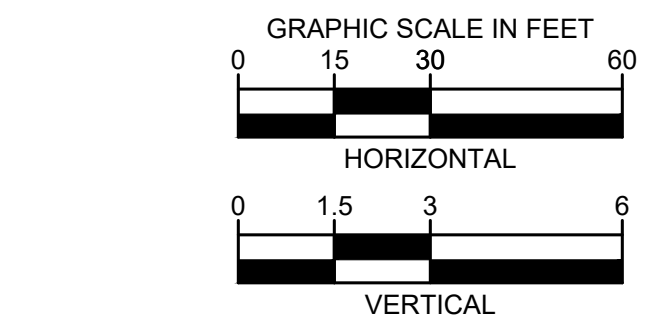
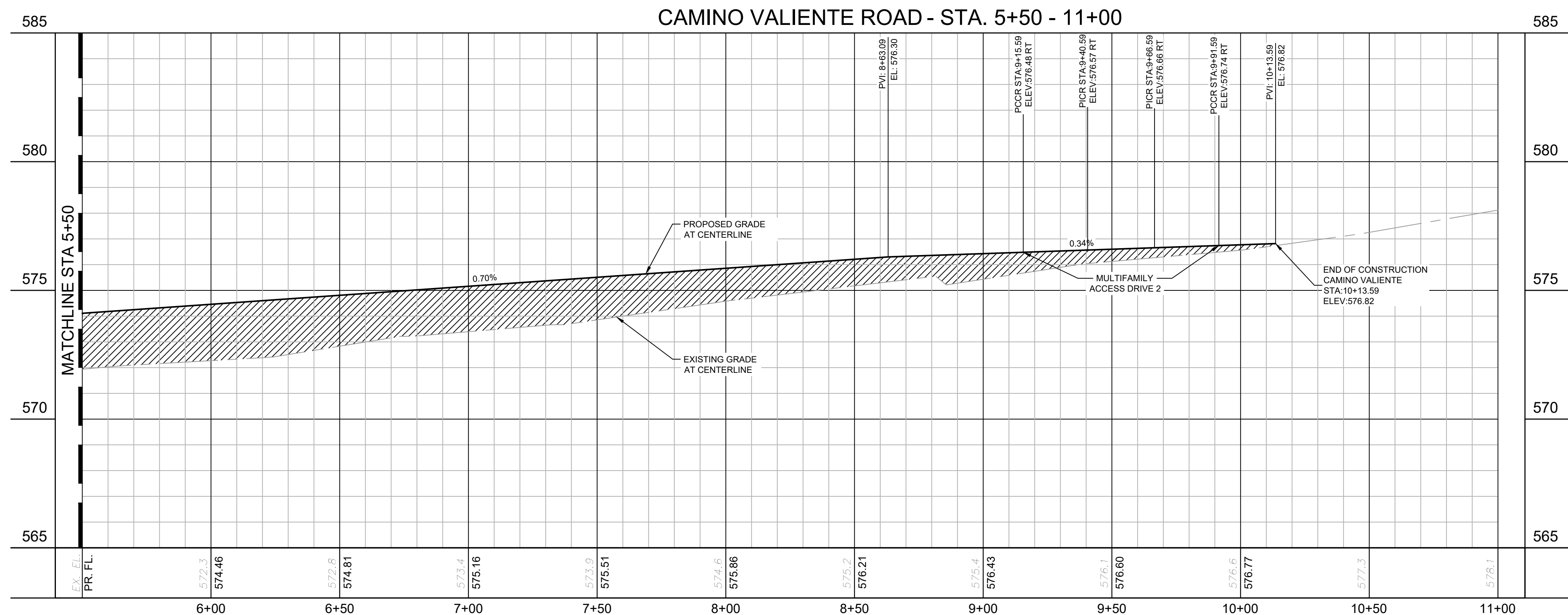
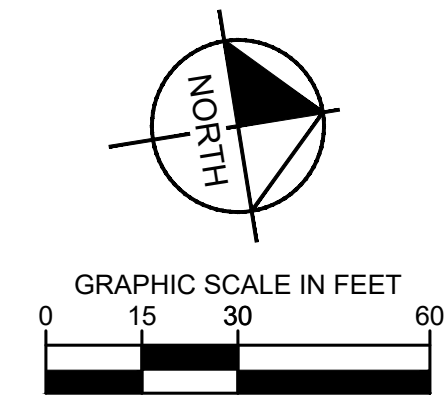
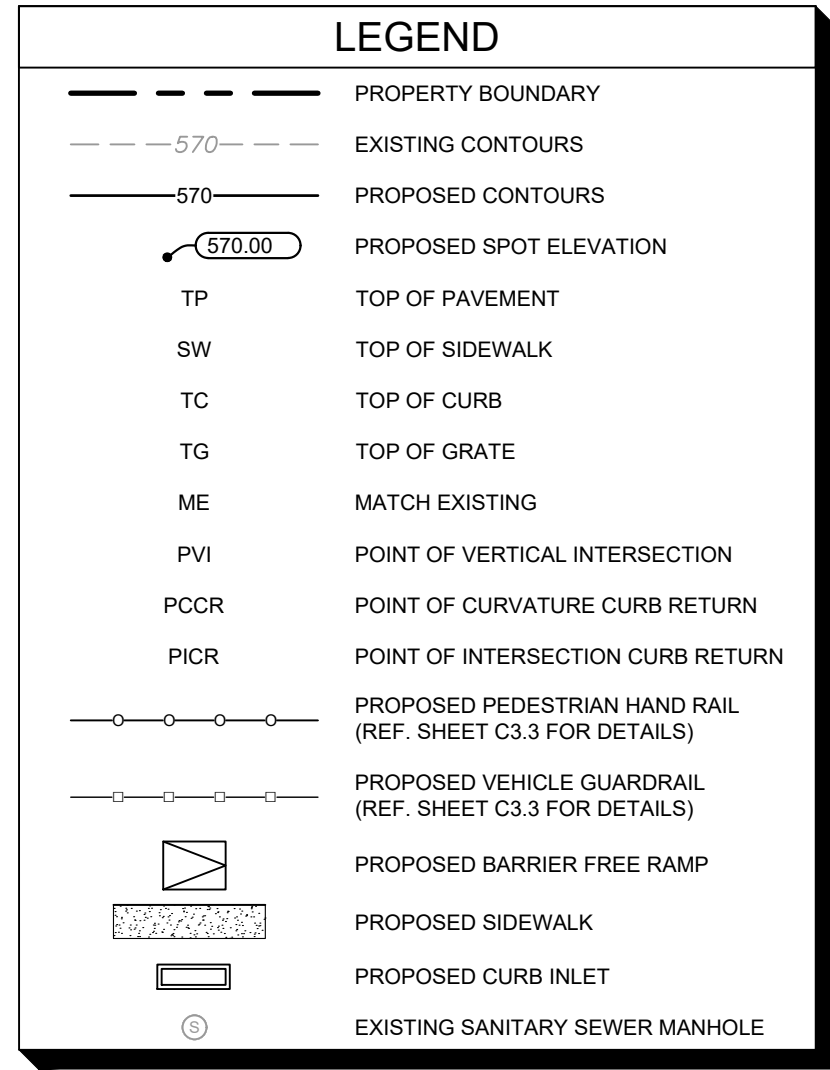
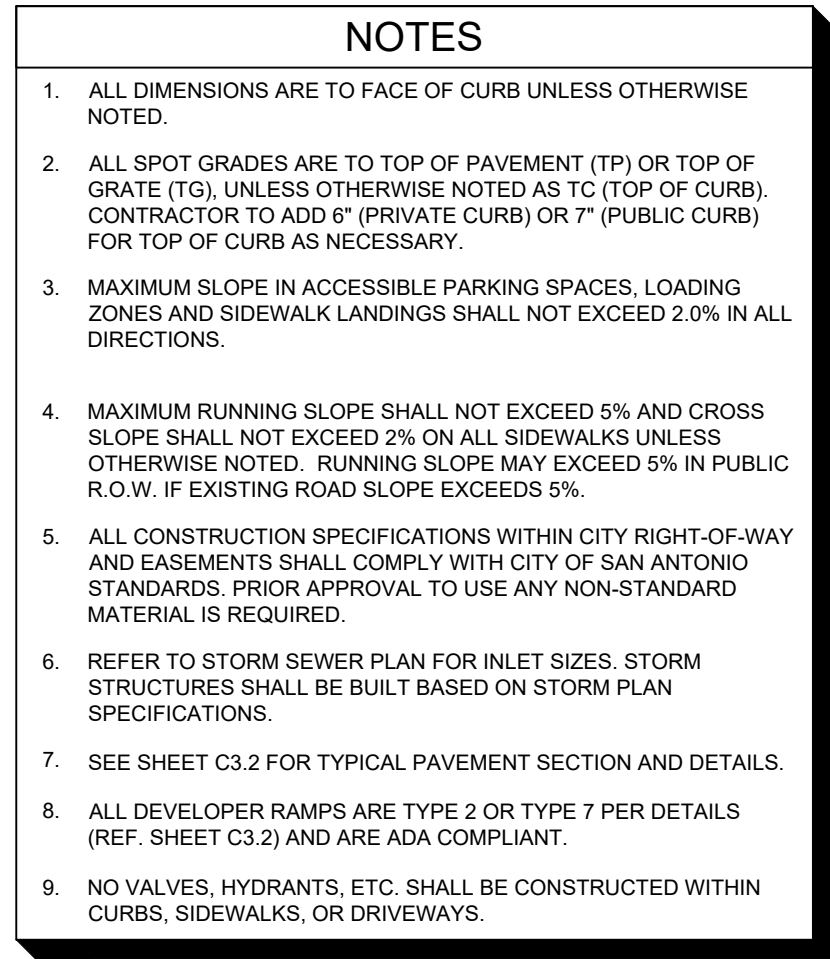


BENCHMARK LIST

TBM #10	LOCATED ON THE EAST SIDE OF SOUTH SYCAMORE STREET, APPROX. ±175 NORTH OF THE INTERSECTION OF SOUTH SYCAMORE STREET AND STATE HIGHWAY LOOP NO. 256
ELEVATION:	569.91'

811 Know what's below. Call before you dig.

CAUTION!!
EXISTING UNDERGROUND UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS TO EXISTING UTILITIES DUE TO DAMAGE INCURRED DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE PLANS.



	BENCHMARK LIST
TBM #10 LOCATED ON THE EAST SIDE OF SOUTH SYCAMORE STREET, APPROX. ±175 NORTH OF THE INTERSECTION OF SOUTH SYCAMORE STREET AND STATE HIGHWAY LOOP NO. 256 ELEVATION: 569.91'	



Know what's below.
Call before you dig.

CAUTION!!
EXISTING UNDERGROUND UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS TO EXISTING UTILITIES DUE TO DAMAGE INCURRED DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE PLANS.

KHA PROJECT 068916908	DATE 7/18/2025	SCALE	AS SHOWN	DESIGNED BY	CR	DRAWN BY	CR	CHECKED BY	MGM
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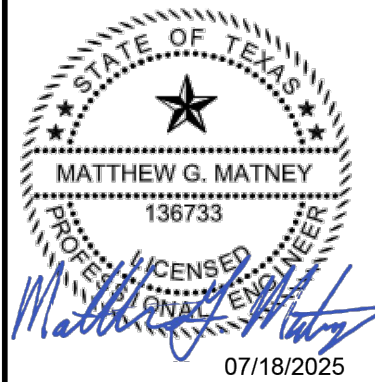
CAMINO VALIENTE -
PLAN & PROFILE -
(STA 5+50 - END)

CAMINO VALIENTE
PREPARED FOR
TTLE PROPERTY GROUP, INC.

SHEET NUMBER
C3.1

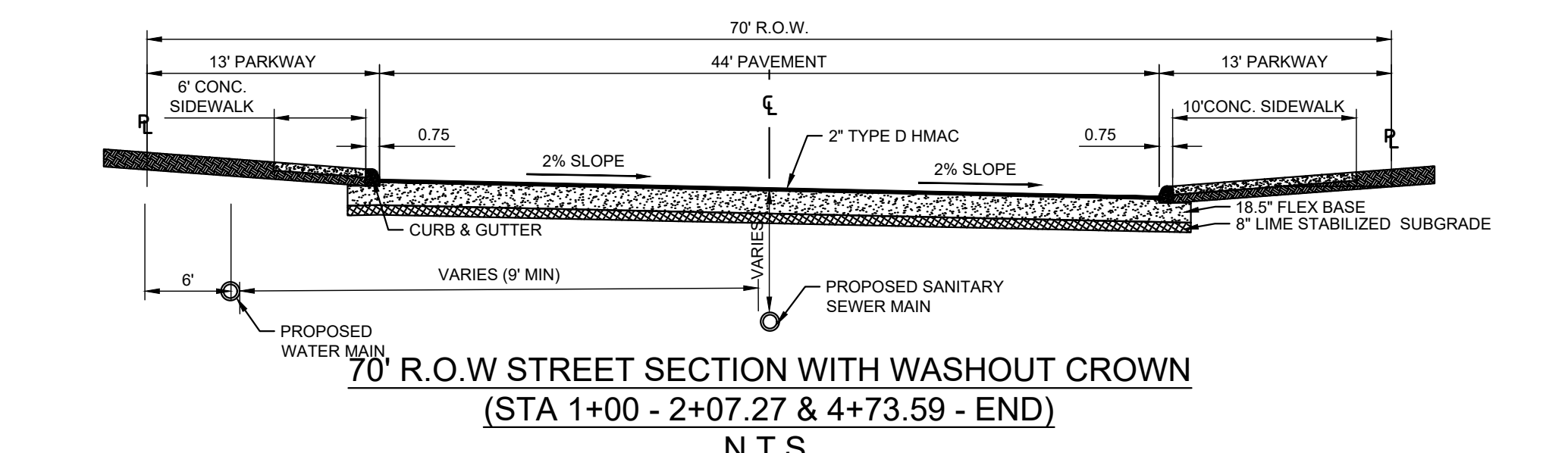
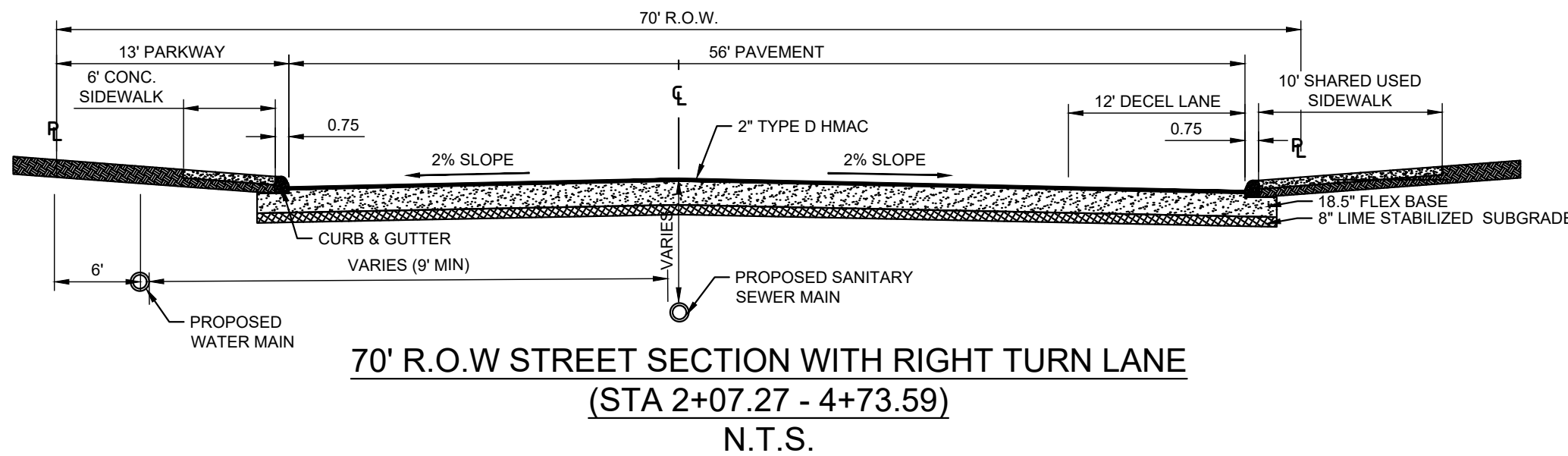
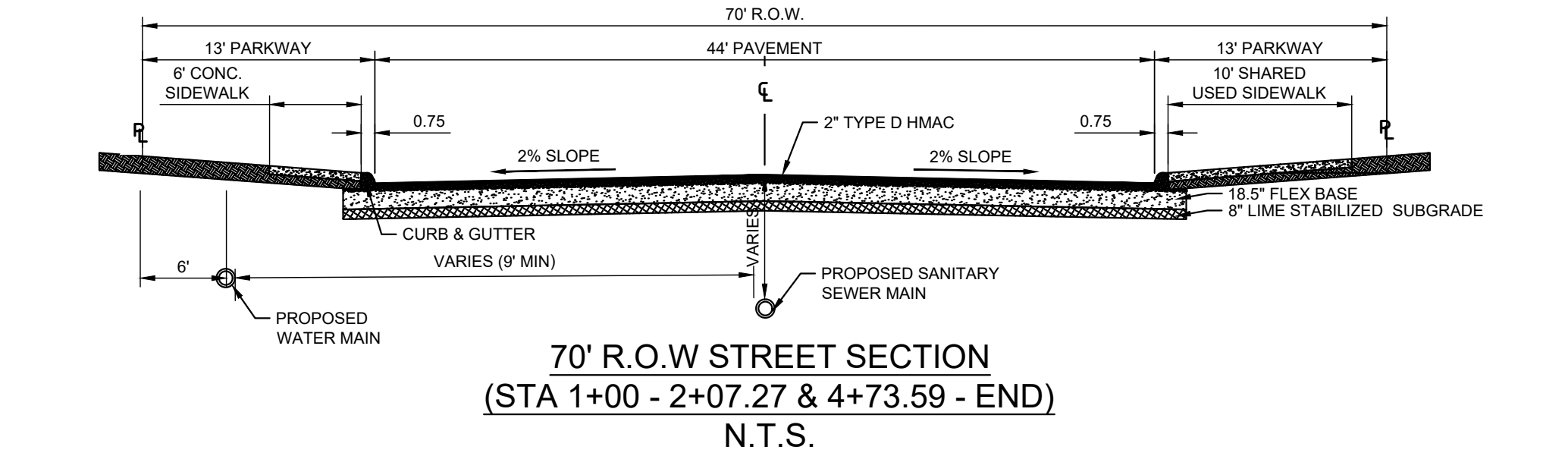
No.	REVISIONS	DATE	BY
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Kimley»»Horn



Printed: By: **Bureau**, Date: **July 19, 2025**, 06:09:12am, K:\Users\ash\OneDrive\Documents\Drawings\AS-ROAD-068916008.dwg
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D



C

D7 ASPHALT PAVEMENT SECTION DETAILS

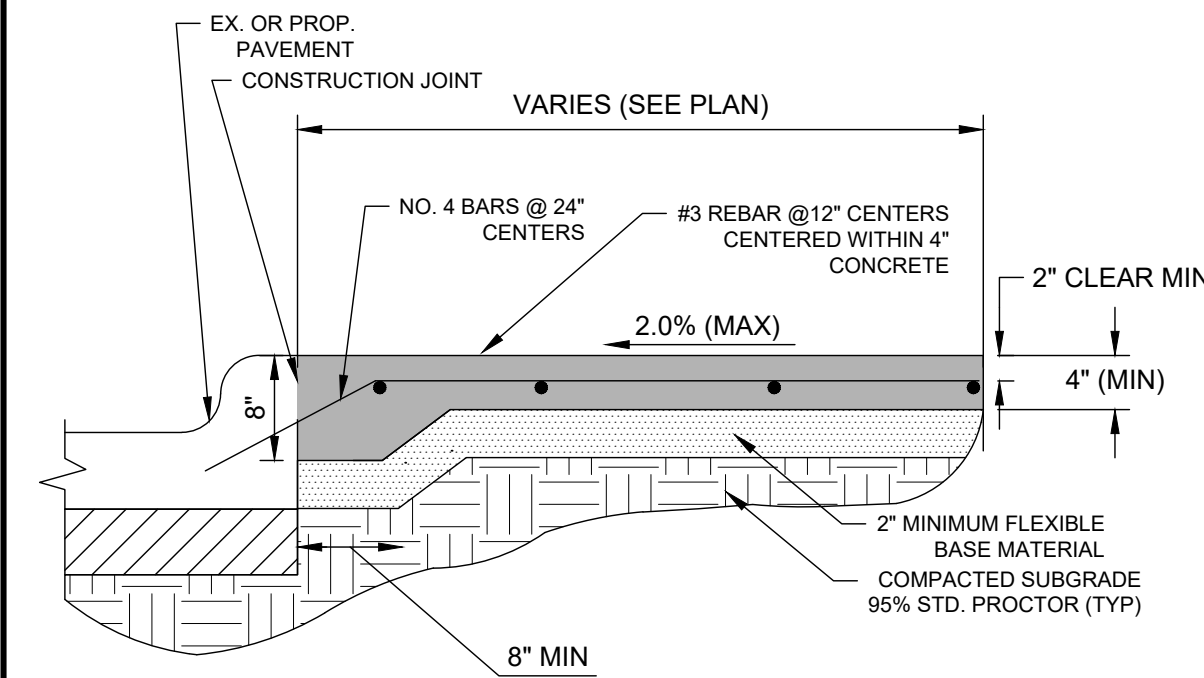
N.T.S.

NOTE: DOWEL SUPPORT SHALL BE OF A METHOD APPROVED BY ENGINEER

NOTE: REFER TO GEOTECH REPORT FOR FURTHER INFORMATION

D1 EXPANSION JOINT

N.T.S.



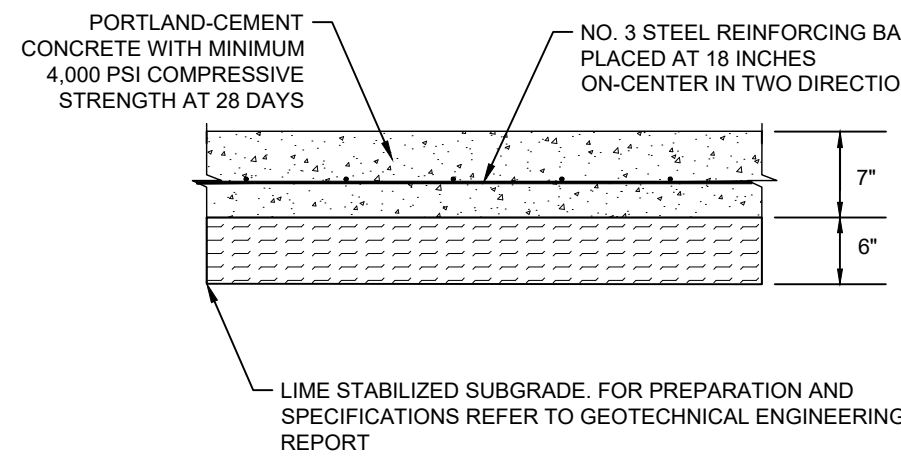
D4 CONCRETE SIDEWALK NEXT TO CURB DETAIL

N.T.S.

NOTE: 1. REFERENCE GEOTECHNICAL REPORT FOR SPACING REQUIREMENTS

D2 CONTRACTION JOINT

N.T.S.



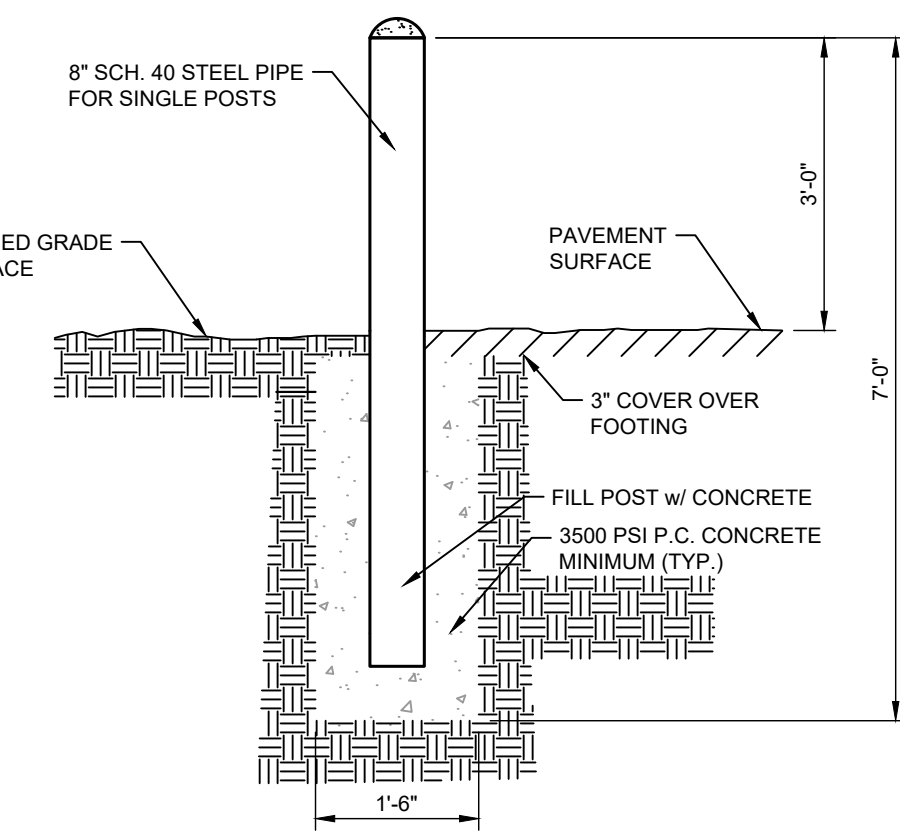
D5 RIGID PAVEMENT SECTION HEAVY DUTY

N.T.S.

NOTE: 1. DOWELS SHALL BE SUPPORTED BY AN APPROVED DEVICE. 2. TO BE USED BETWEEN NEW AND RECENTLY COMPLETED PAVEMENTS. 3. DOWEL DIAMETER = 1/8 (IN.)

D3 CONSTRUCTION JOINT

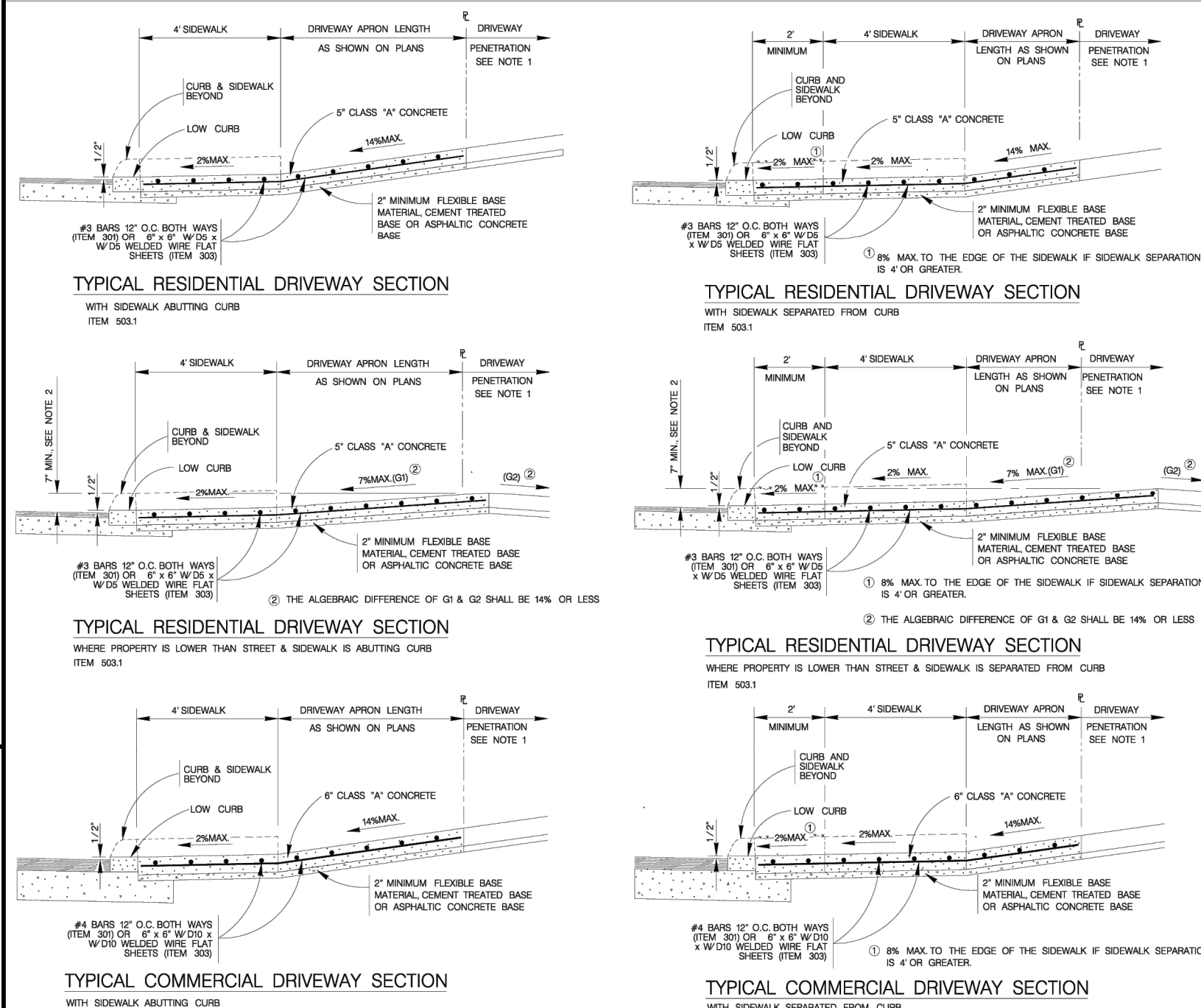
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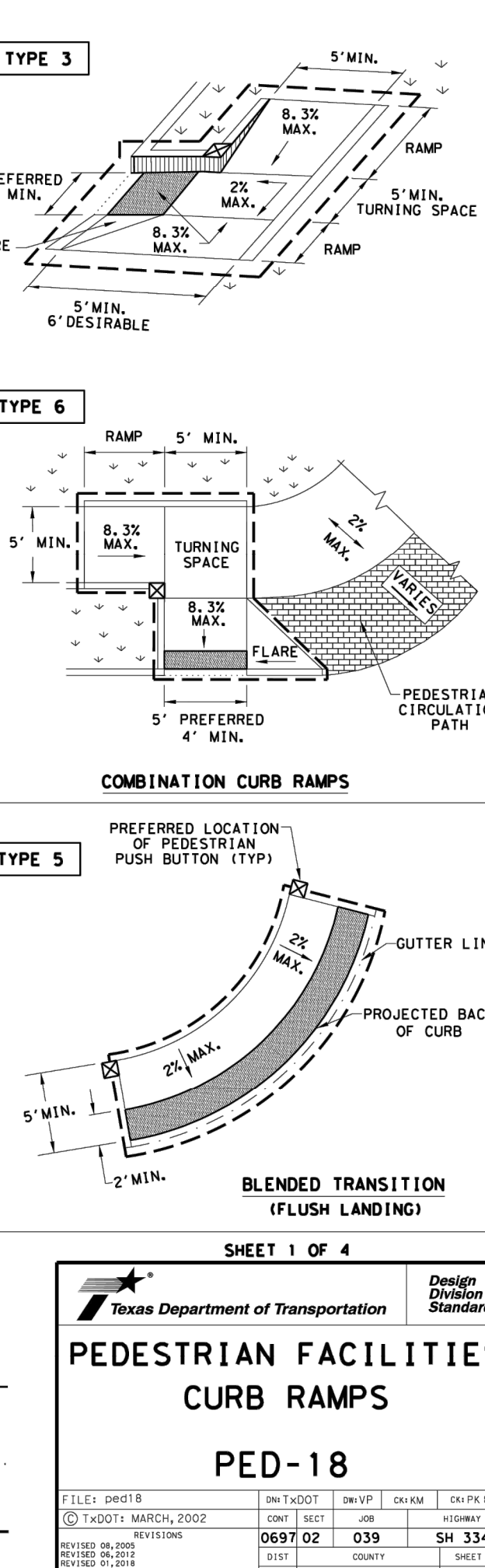
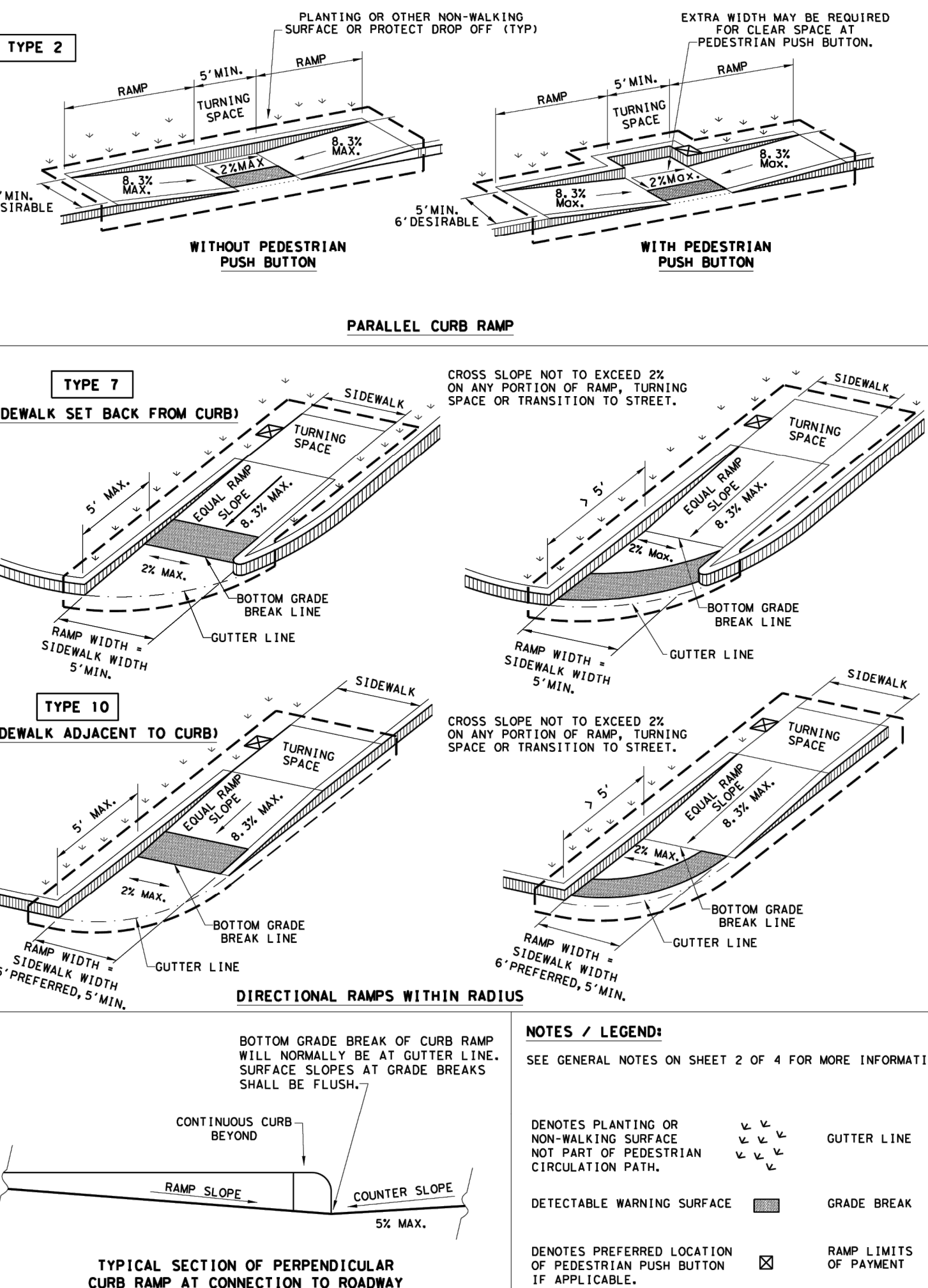
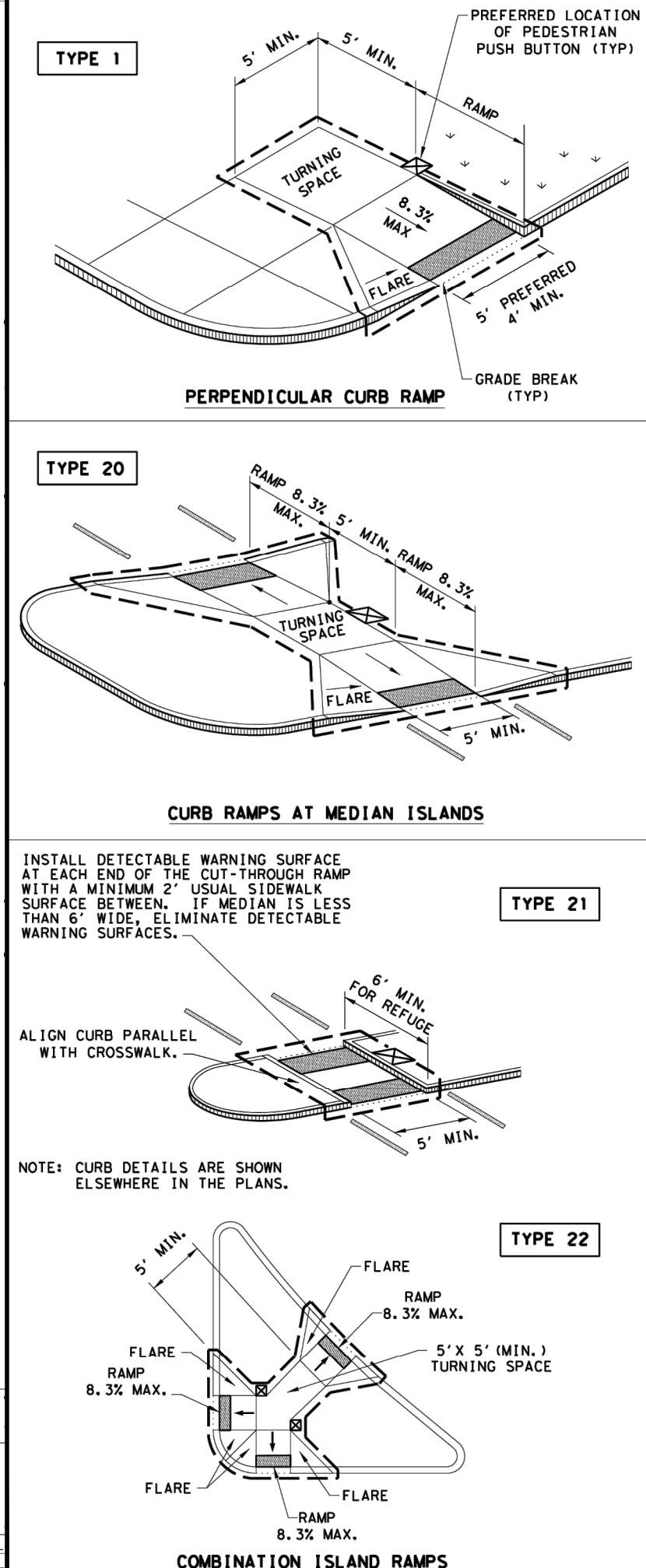
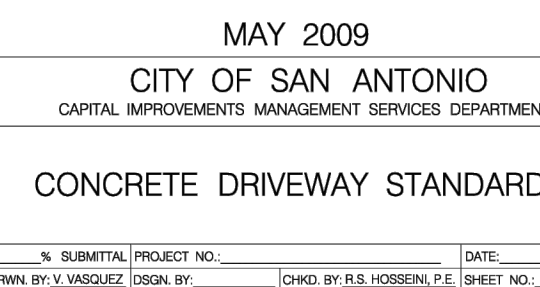
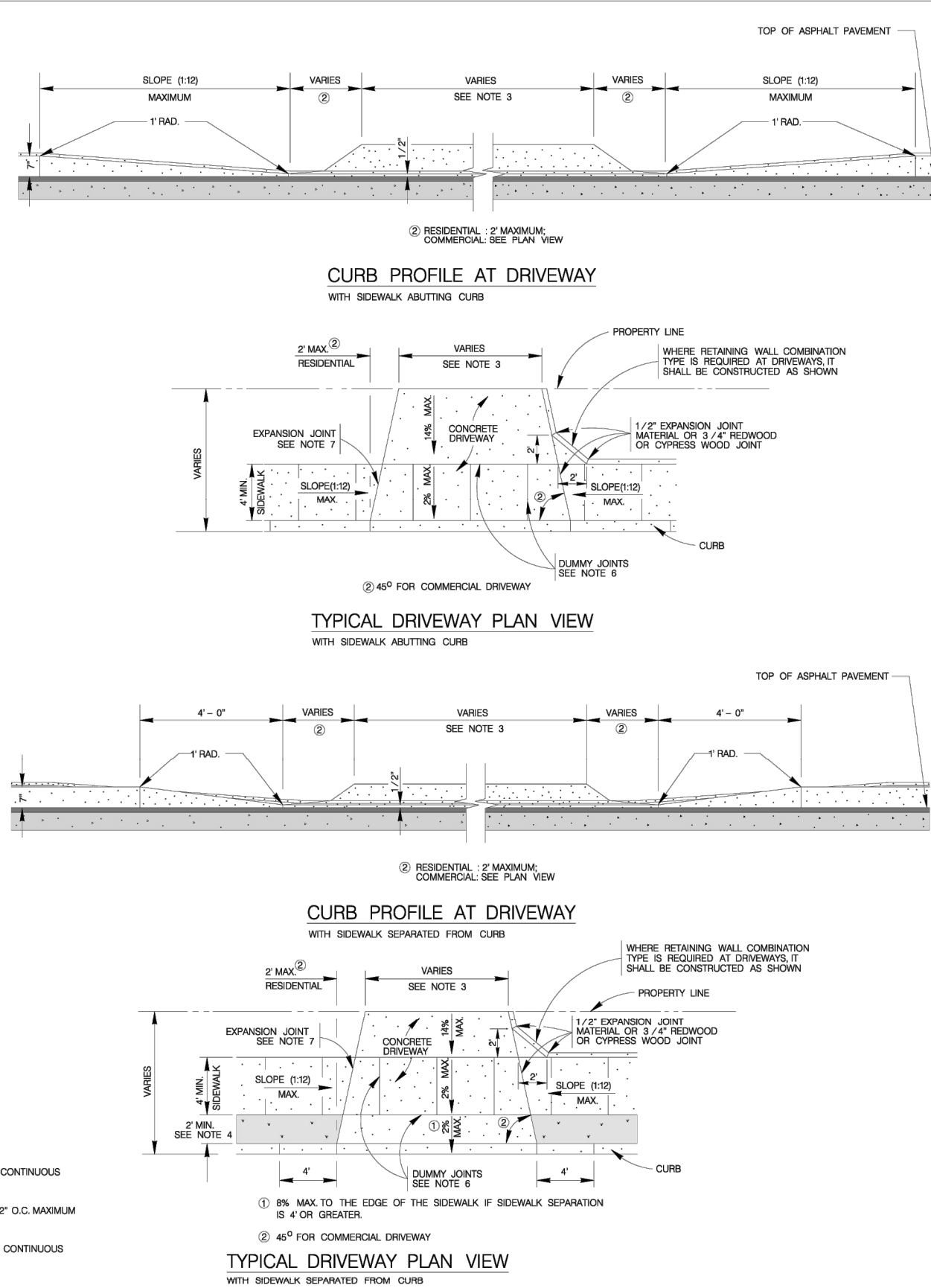
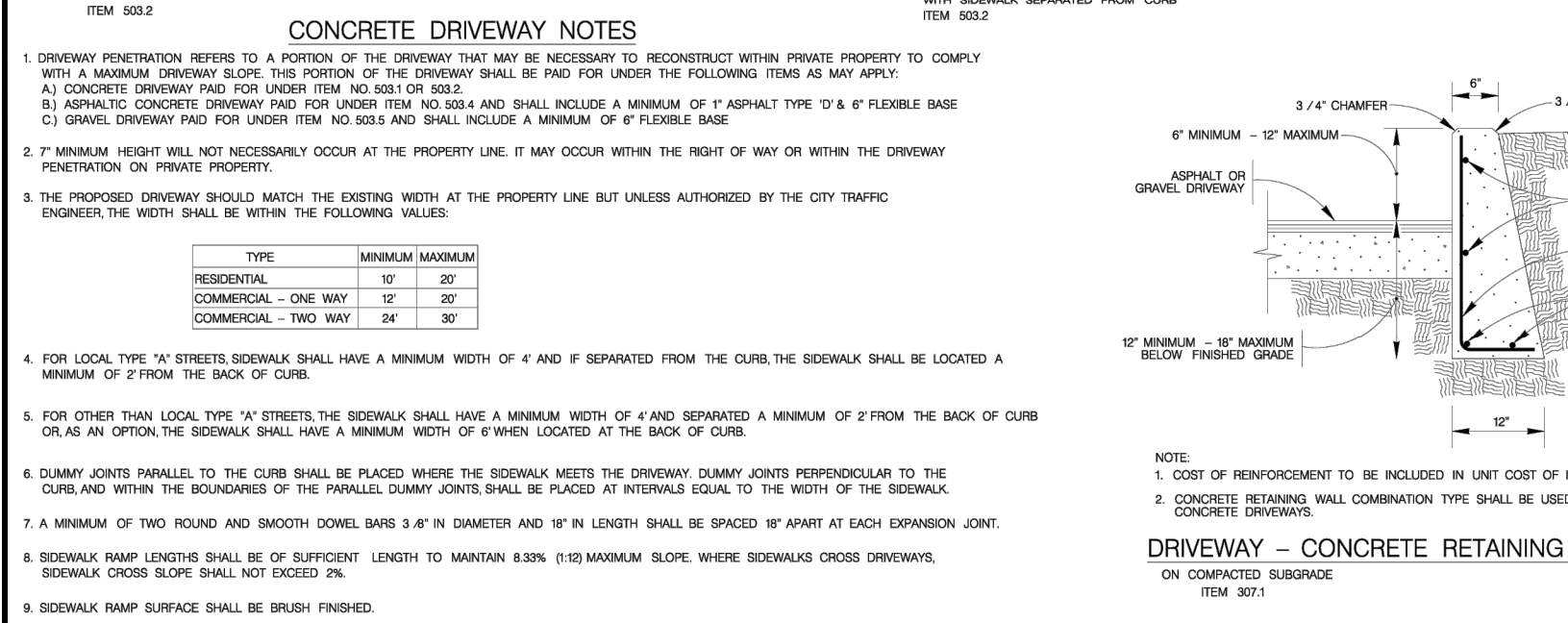
D6 BOLLARD DETAIL

N.T.S.

B



A



FILED 08/19/2025
068916008
DATE 7/18/2025
SCALE AS SHOWN
DESIGNED BY CR
DRAWN BY CR
CHECKED BY MCM

KHA PROJECT
068916008
DATE 7/18/2025
SCALE AS SHOWN
DESIGNED BY CR
DRAWN BY CR
CHECKED BY MCM

STATE OF TEXAS
COUNTY OF BEXAR
MATTHEW G. MATNEY
138733
LICENSED PROFESSIONAL ENGINEER
07/18/2025

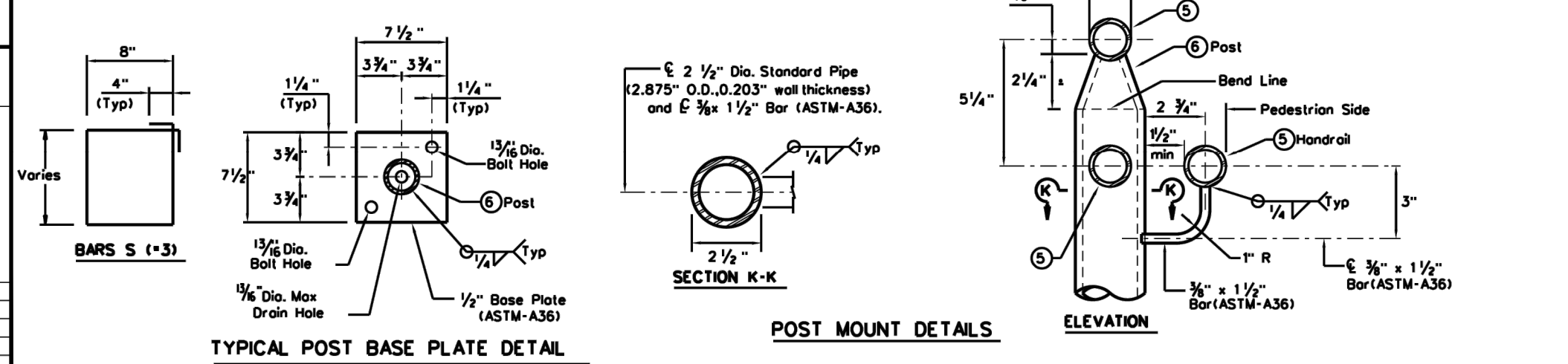
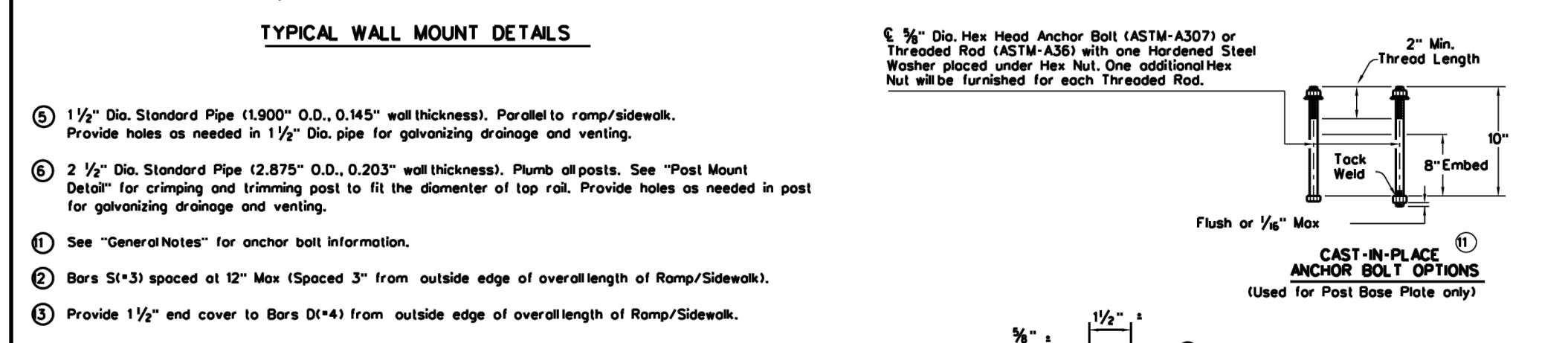
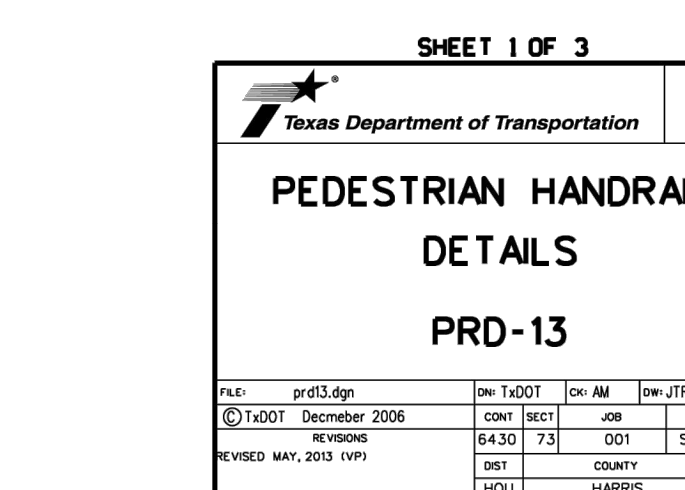
CAMINO VALIENTE
PREPARED FOR
KITTLE PROPERTY GROUP, INC.
SAN ANTONIO, TEXAS
SHEET NUMBER
C3.2

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10101 REUNION PLACE, SUITE 400, SAN ANTONIO, TX 78216
WWW.KIMLEY-HORN.COM TBE FIRM NO. 928

REVISIONS
BY
DATE



- ⑥ 2 1/2" Dia. Standard Pipe (12.875" O.D., 0.203" wall thickness). See "Post Mount Details" for crimping and trimming post to fit Dia. of top rail. Provide holes as needed in post for galvanizing drainage and venting. Plumb all posts.
- ⑦ See "Handrail Fabrication Details" for Splice Joints.
- ⑧ E 3/8" Dia. Round Bar equal spacing at 4 1/2" Max. Plumb all pickets.
- ⑨ When needed for accessibility (grade 5 percent) or need for pedestrian safety.
- ⑩ Not to be used on bridges.
- ⑪ See "General Notes" for anchor bolt information.



GENERAL NOTES

Designed according to ASTM A36, Texas Accessibility Standards, Uniform Building Code, and AASHTO LRFD Specifications.

Handrail anchorage details shown on this standard may require modification for select structural types. See appropriate details elsewhere in plans for these conditions.

Pipe will conform to ASTM-A53 Grade B or A500 Grade B. Steel pipes and steelbars will conform to ASTM-A36. Mechanical lapping (ML) will conform to AASHTO LRFD Specifications. Welding of steel components except reinforcing steel unless noted otherwise.

Concrete for foundations will be in accordance with Item 531 "Sidewalks," as defined in the Standard Specifications. Minimum concrete strengths are as follows: Uncoated ~ 4', 1-5' Epoxy coated ~ 4", 4" - 2".

When the plans require a pointed steel, follow the requirements for pointing AASHTO LRFD Item 531 "Handrails." Pointing is to be done in place, with a wireface galvanized and only get field pointed after installation unless otherwise directed by the Engineer.

Epoxy Anchor bolts for wallmount and post base plate will be ½" Dia. ASTM A36 threaded rods with one hex nut and one hardened steel washer at each end. Embedment depth for wallmounts is 3 ½" and for wallmount and post base plate is 5".

Embed threaded rods into concrete with a Type II (Class C) epoxy meeting the requirements of AASHTO LRFD Item 531. Epoxy shall be applied in accordance with the manufacturer's stic mixing nozzle and/or cartridge system. Cure time shall be as specified on the product literature.

At the contractor's option the post base plate anchor bolts may be cast with in the Ramp/Sidewalk (See Cast-in-Place Anchor Bolt Options).

Optional cast-in-place anchor bolts will be ¾" Dia. ASTM A307 Grade A bolts for A36 threaded rods with one hardened steel washer at each end and one hardened steel washer at each bolt. Embedment depth of cast-in-place bolts will be 5" post base plate and 3 ½" wallmount.

Handrails and any wall or other surface adjacent to them will be free of any sharp or abrasive elements.

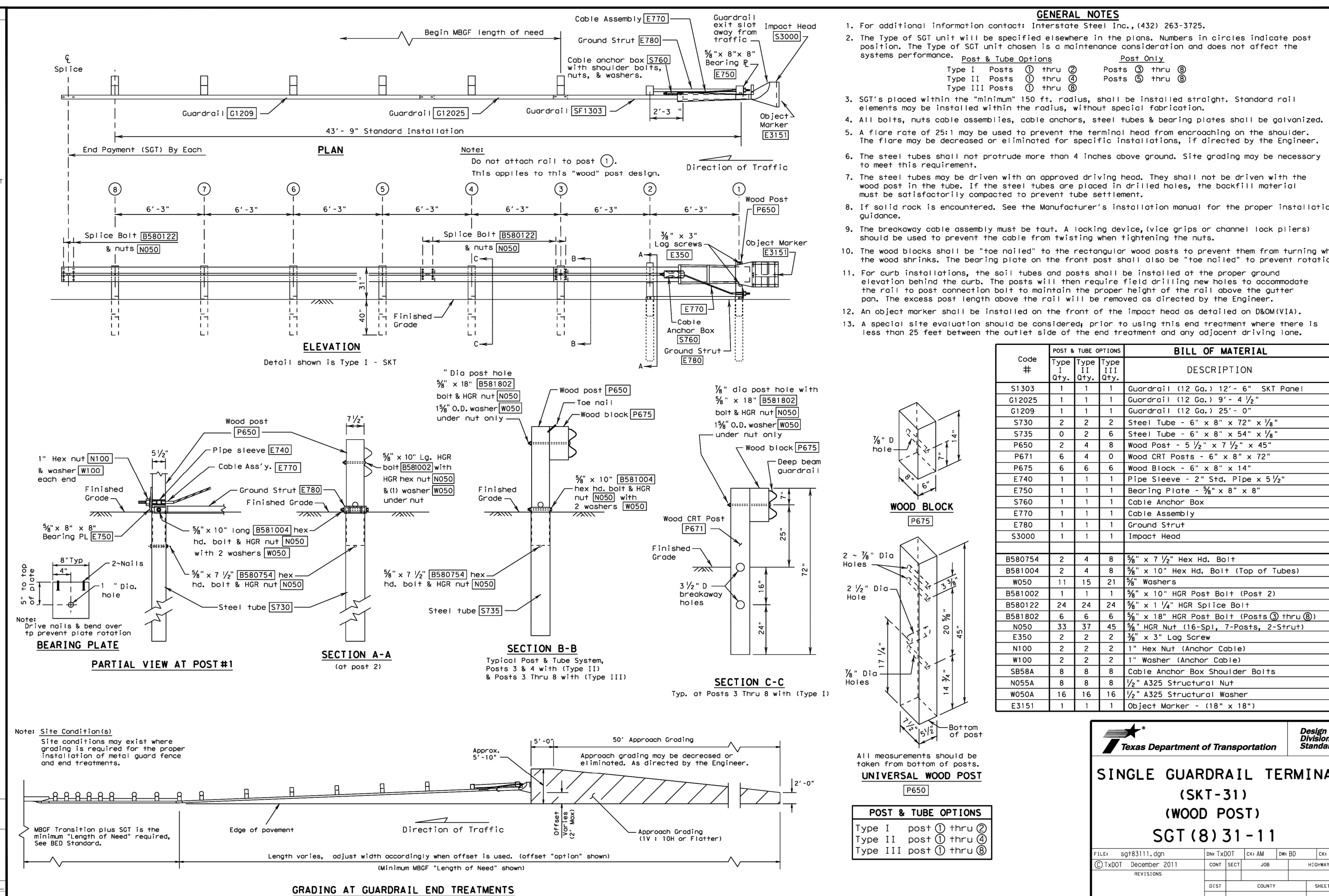
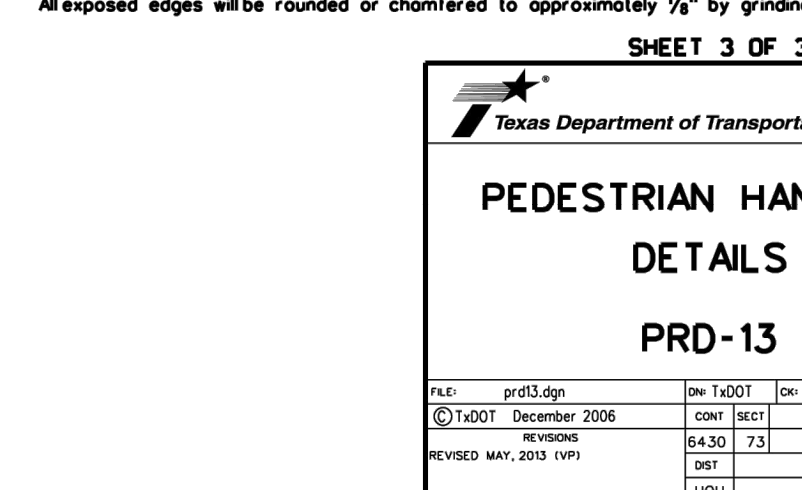
Submit shop drawings to the Engineer unless otherwise noted. For curved handrails, submit drawings showing the radius of the curve. The radius shall not be less than 600 ft. Shop drawings are required when rails fabricated on the spot.

For all handrails, erection drawings will be submitted to the Engineer for approval to ensure proper installation.

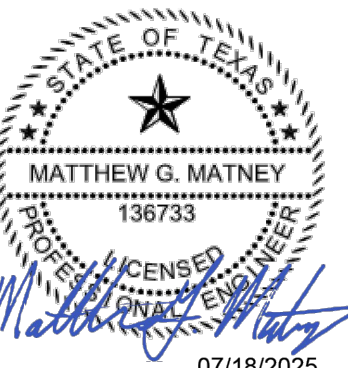
Handrails shall be installed at locations with bollards, signaling, ramp slope, and/or space joint locations, and handrail lengths will be determined noting where each handrail goes on the layout.

Payment for handrail sidewalks or curb ramps will be paid for in accordance with Item 531 "Sidewalks."

Payment for all items shown to be included in unit price bid in accordance with Item 450 "Rating" of the type specified.



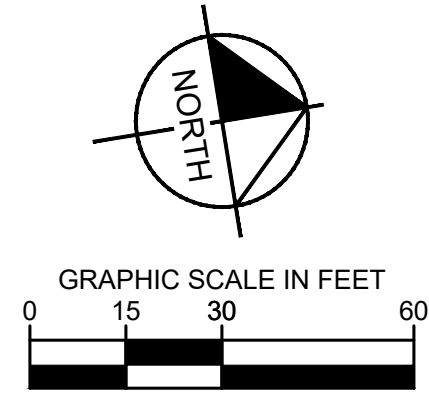
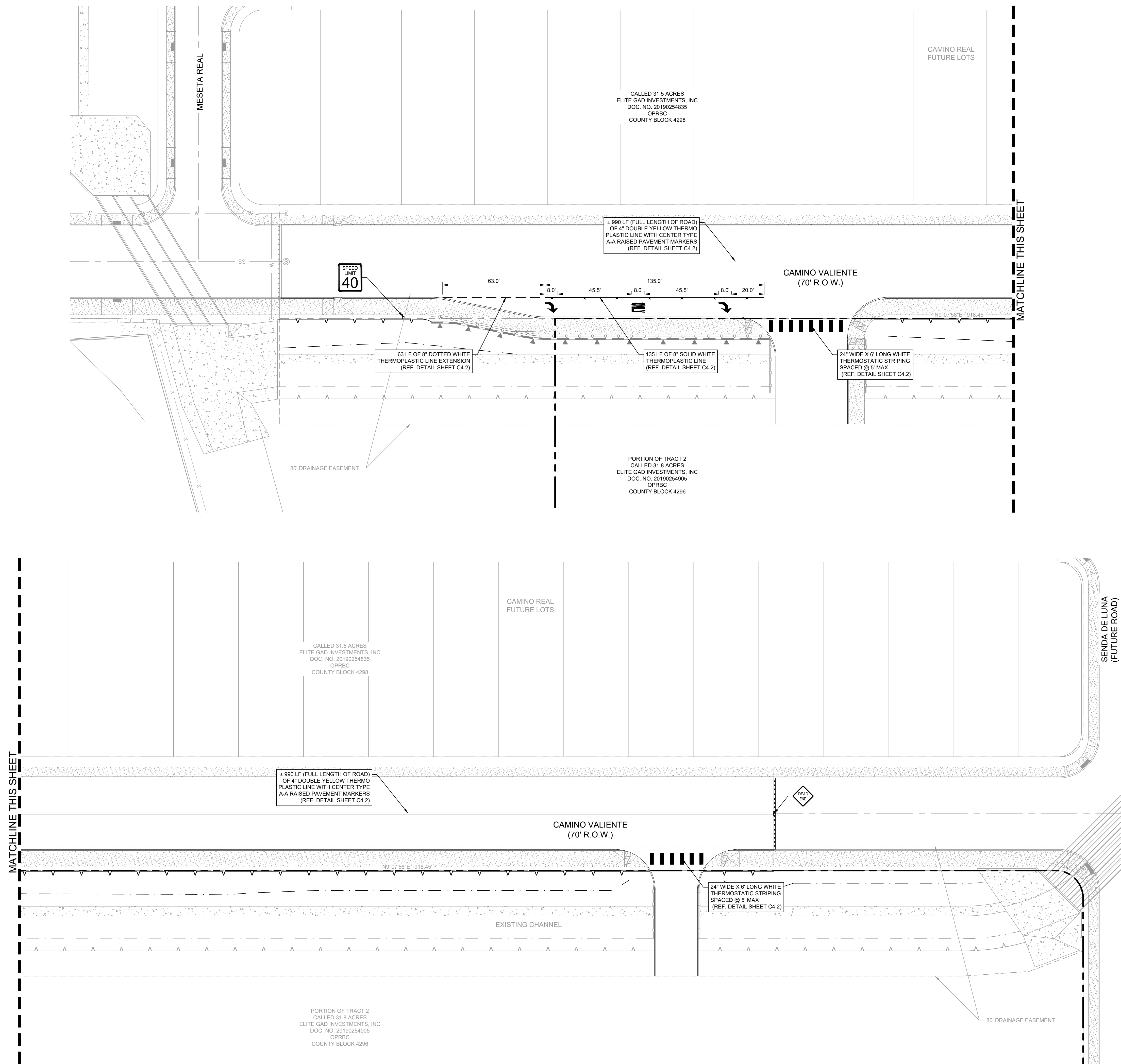
Kimley»Horn
© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
10101 REUNION PLACE, SUITE 400, SAN ANTONIO, TX 78216
PHONE : 210-541-9168 FAX: 210-541-8869
WWW.KIMLEY-HORN.COM TBP# FIRM NO. 928



RNA PROJECT	DATE
0688916908	7/18/2025
SCALE	AS SHOWN
DESIGNED BY	CFC
DRAWN BY	CFC
CHECKED BY	MGN

STREET DETAILS (2 OF 2)

CAMINO VALIENTE
PREPARED FOR
KITTLE PROPERTY GROUP, INC.
SAN ANTONIO TEXAS

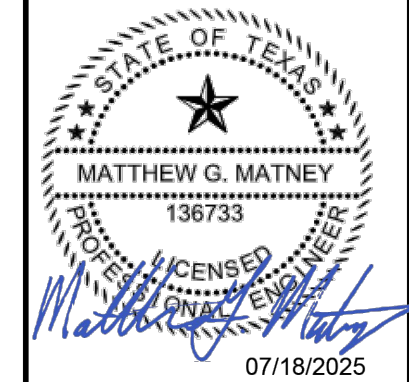


LEGEND		
<u>SYMBOL</u>	<u>DESC.</u>	<u>COSA ITEM NO.</u>
---	RIGHT OF WAY	
	PROPOSED BARRIER FREE RAMP	
	DOWNWARD DIAGONAL ARROW (24"x12") (HIGH INTENSITY) (W16-7pL)	531.35
	DEAD END (30"x30") (HIGH INTENSITY) (W14-1)	531.53

- ## NOTES
1. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL REGULATORY AND WARNING SIGNS, STREET NAME SIGNS AND SIGN PLANTS IN ACCORDANCE WITH APPROVED ENGINEERING PLANS. THE CITY WILL INSPECT ALL SIGNS AT FINAL INSPECTION.
 2. THE CONTRACTOR SHALL INSTALL ALL PAVEMENT MARKINGS IN ACCORDANCE WITH APPROVED ENGINEERING PLANS. THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE INSTALLATION OF ALL SEALER AND FINAL MARKINGS. THE CITY WILL INSPECT ALL MARKINGS AT FINAL INSPECTION.
 3. CONTRACTOR TO COMPLY WITH MUTCD STANDARD ON EXACT SIGNAGE LOCATIONS (I.E. OFFSET STATION AND DISTANCES).
 4. A CITY OF SAN ANTONIO PERMIT MUST BE OBTAINED BEFORE WORKING IN CITY OF SAN ANTONIO RIGHT-OF-WAY.

[illegible]

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TEL: 214.343.7000 FAX: 214.343.7001
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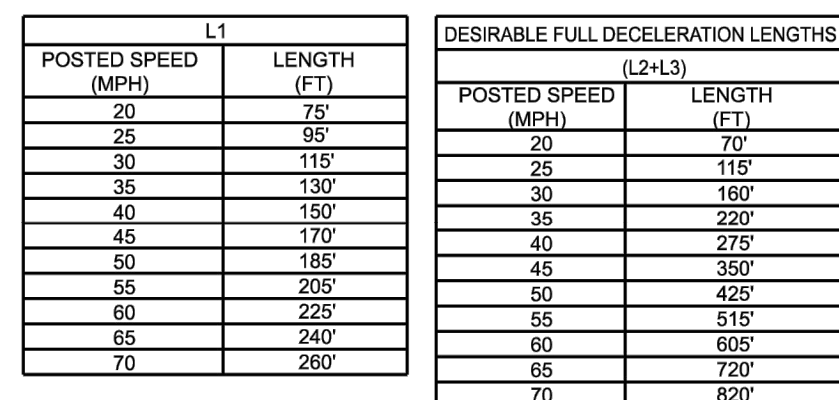


KHA PROJECT 068916908	DATE 7/18/2025	SCALE	AS SHOWN
		DESIGNED BY	CR
		DRAWN BY	CR
		CHECKED BY	MG

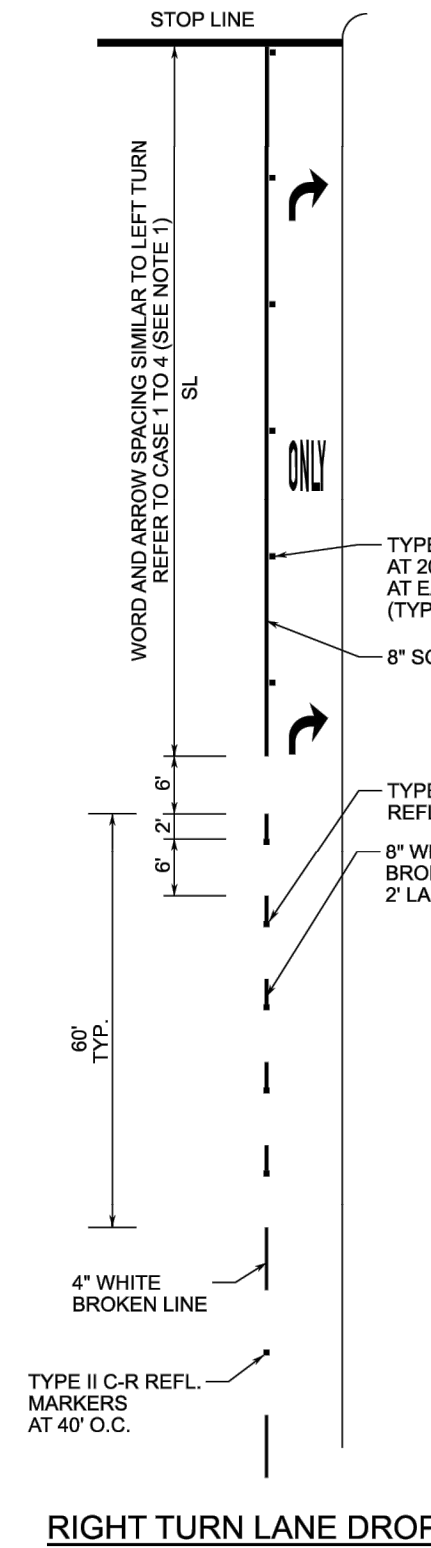
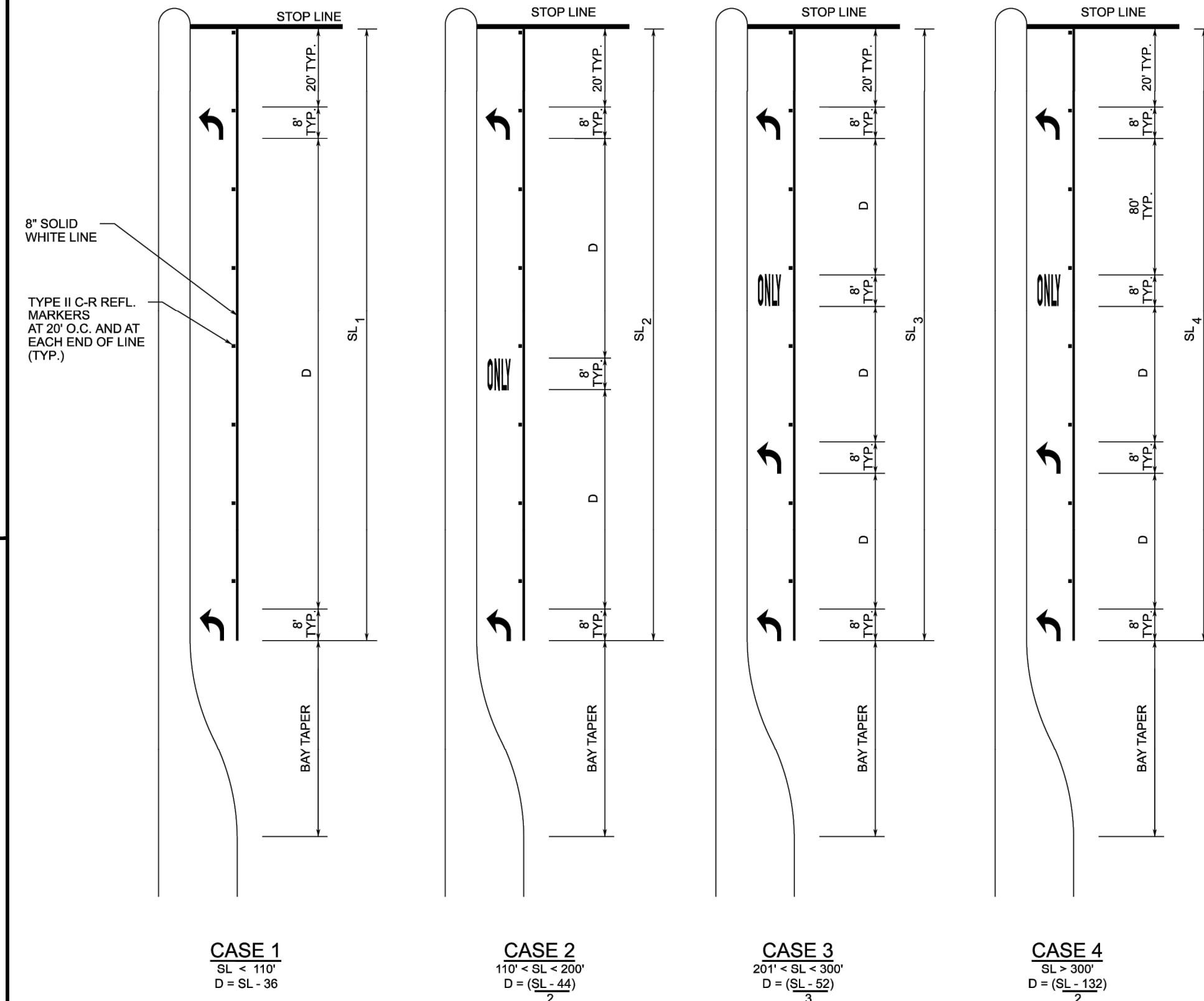
SIGNAGE & STRIPING PLAN

CAMINO VALIENTE
PREPARED FOR
KITTLE PROPERTY GROUP, INC.
SAN ANTONIO TEXAS

SHEET NUMBER
C4.0

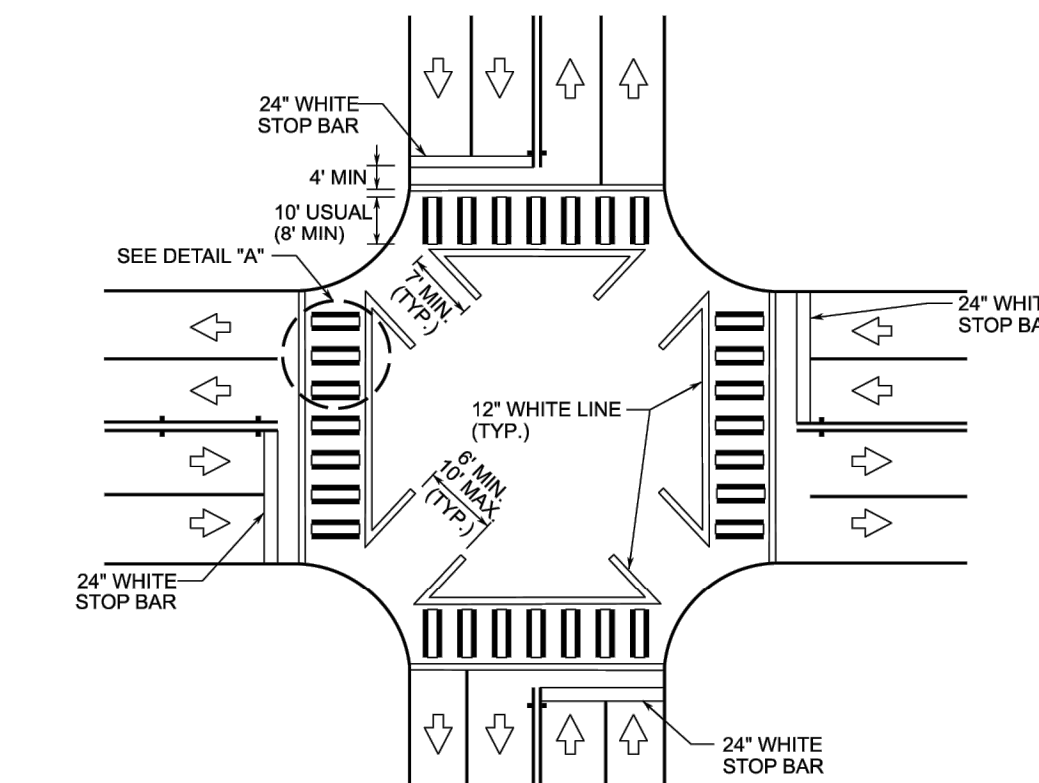


SEPTEMBER 2024 CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT TRAFFIC ENGINEERING AND OPERATIONS STANDARDS TURN LANE DETAILS 2 SHEET 02 OF 02 TLD-(2)-24			
% SUBMITTAL	PROJECT NO. _____	DATE: _____	DATE: _____
DRAWN BY: _____	CHECK BY: _____	CHECK BY: L. BANDA, P.E.	SHEET NO. OF _____

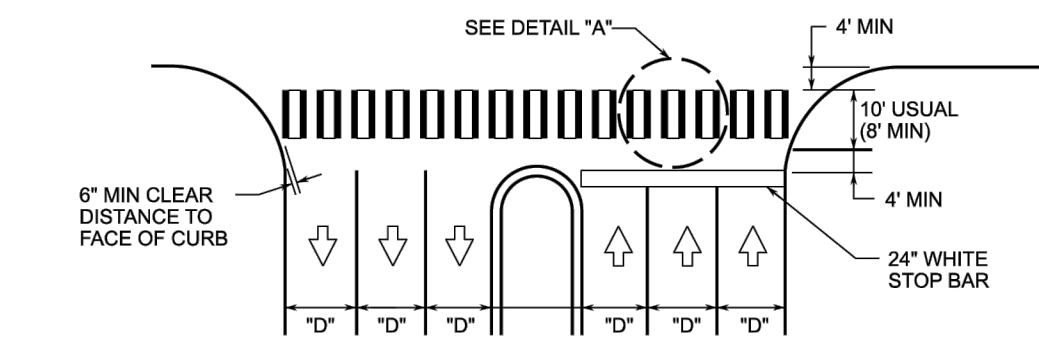
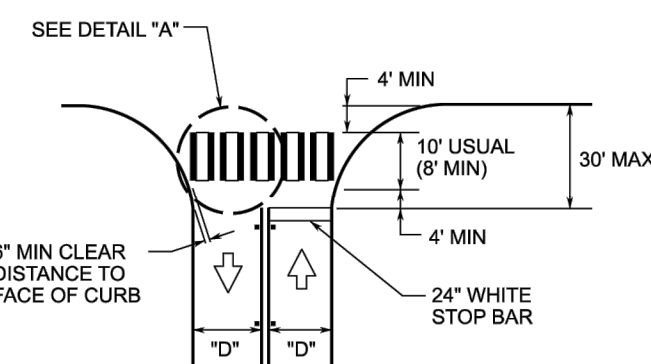


- ## KEY
- | | |
|--|--|
| SL - STORAGE LENGTH (FEET) | |
| D - DISTANCE BETWEEN ARROWS AND LEGENDS (FEET) | |
-
- | | |
|---|--|
| C/R REFLECT. MARKERS
O.C. AND
END OF LINE | |
| WHITE LINE | |
| C/R MARKERS
TE
ON LINE
E & O.C. | |
-
- ### GENERAL NOTES:
1. LEFT-TURN STORAGE LANE DETAILS ALSO APPLY TO RIGHT-TURN STORAGE LANES.
 2. SL DIMENSION IS FROM STOP LINE TO END OF TURN LANE, WHICH DOES NOT INCLUDE TAPER LENGTH.
 3. PAVEMENT ARROWS AND "ONLY" LEGEND MARKINGS ARE TYPICALLY USED AT SIGNALIZED INTERSECTIONS AND AT UNSIGNALIZED INTERSECTIONS WHERE A DEMONSTRATED NEED EXISTS.
 4. MINIMUM SL = 110'. SL MAY BE LESS THAN 110 FEET AS DIRECTED BY THE CITY TRAFFIC ENGINEER.
 5. ASIDE FROM LANE LINE MARKINGS, ALL OTHER PAVEMENT MARKINGS SHALL BE PERFORMED MATERIAL. HOT-APPLIED MARKINGS MAY BE USED ONLY IF APPROVED BY PWD TRAFFIC ENGINEERING & OPERATIONS.
 6. FOR DUAL-TURN LANES, DIMENSIONS SHALL BE THE SAME FOR EACH LANE.
 7. YELLOW EDGE LINES ADJACENT TO RAISED ISLAND ARE REQUIRED. REFER TO TRMM-24.

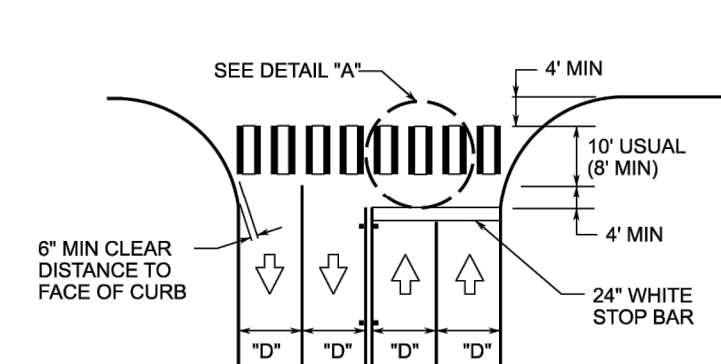
SEPTEMBER 2024 CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT TRAFFIC ENGINEERING AND OPERATIONS STANDARDS TURN LANE PAVEMENT MARKINGS SHEET 01 OF 01 TLPM-24			
% SUBMITTAL	PROJECT NO.	DATE:	SDATES
DRAWN BY:	CHECK BY:	CHKD. BY: L. SANDA, P.E.	SHEET NO.: X OF X



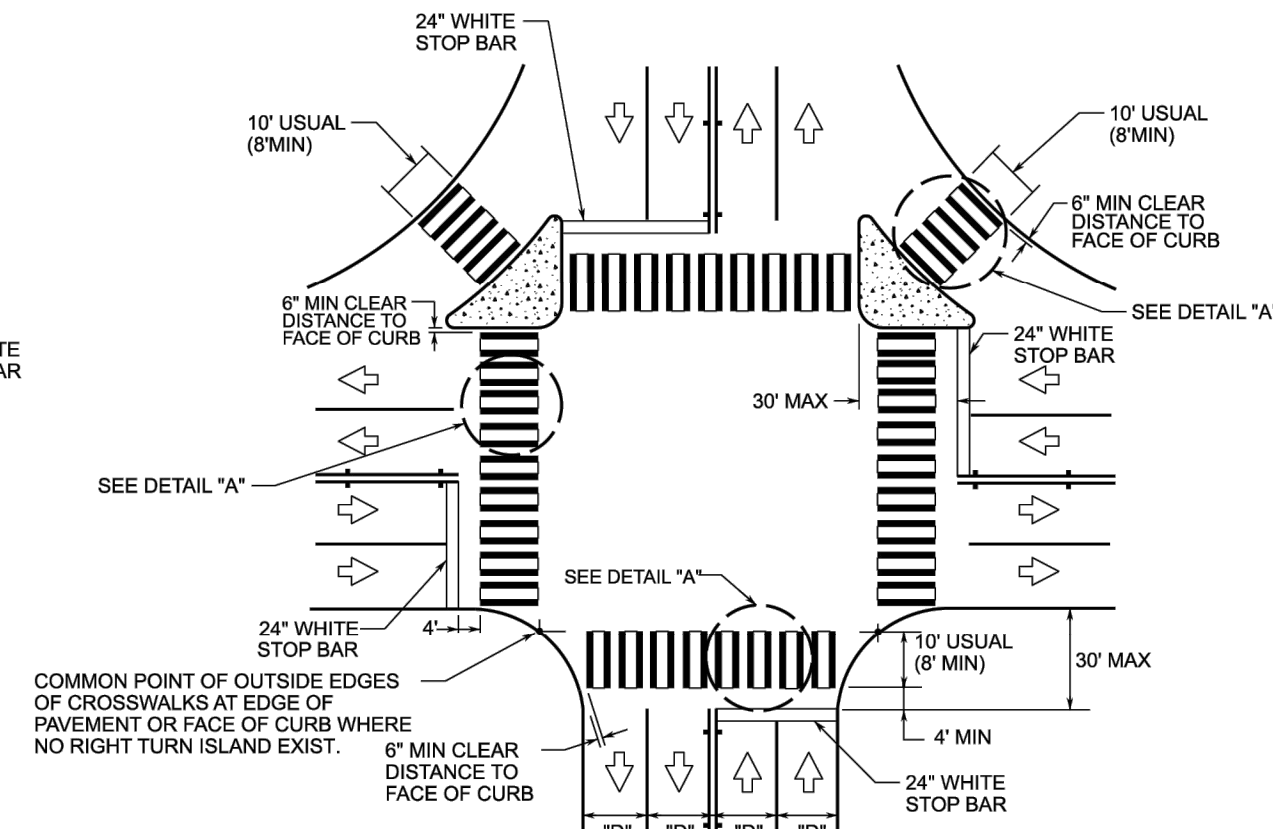
EXCLUSIVE PEDESTRIAN PHASE

MULTI - LANES

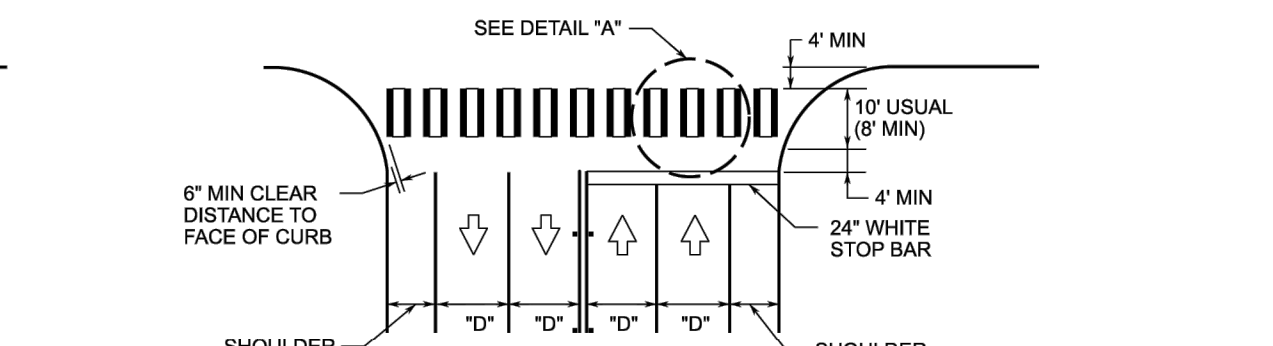
TWO LANES



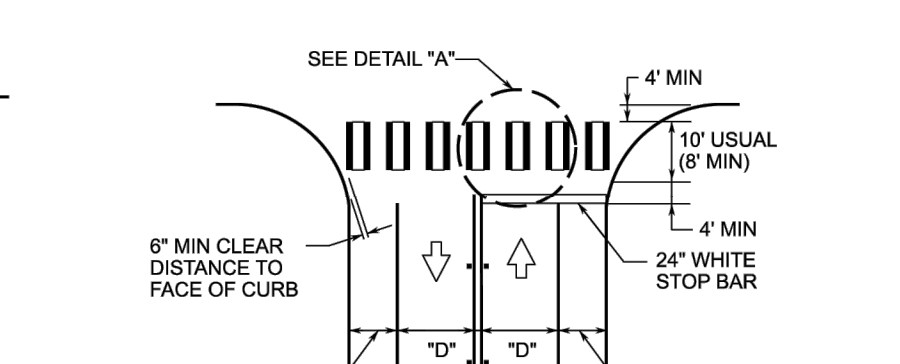
FOUR LANES



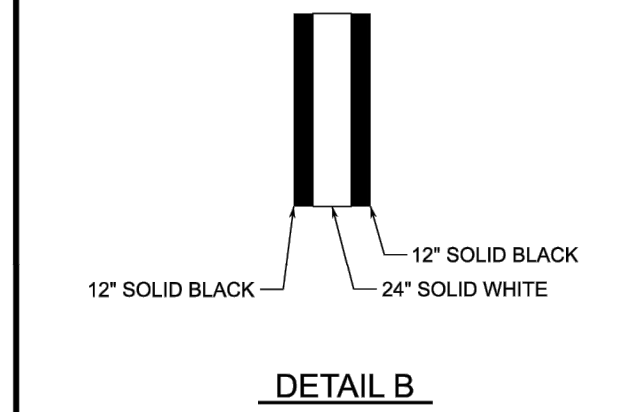
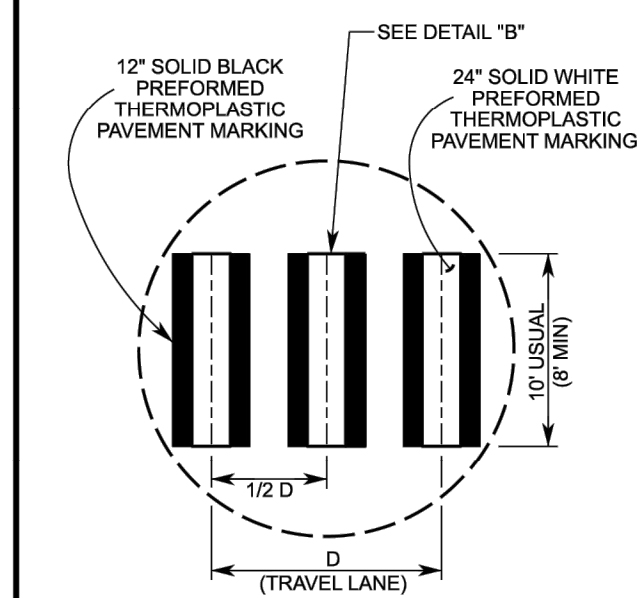
INTERSECTION WITH RIGHT TURN ISLANDS



FOUR LANES WITH SHOULDERS



TWO LANES WITH SHOULDERS

DETAIL E

DETAIL A

- ## GENERAL NOTES
1. "D" IS EQUAL TO THE WIDTH OF TRAVEL LANE. SEE TEXAS MUTCD 3B.18
 2. PREFORMED THERMOPLASTIC SHALL BE USED FOR ALL CROSSWALK PAVEMENT MARKINGS
 3. PREFORMED THERMOPLASTIC MATERIAL SHALL BE SUPPLIED BY A MANUFACTURER LISTED ON TxDOT'S MATERIAL PRODUCER LIST (MPL).

SEPTEMBER 2024 CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT TRAFFIC ENGINEERING AND OPERATIONS STANDARDS TYPICAL CROSSWALK DETAILS SHEET 01 OF 01				TCD-24
% SUBMITTAL	PROJECT NO. _____	DATE: _____	SCALES	
DRAWN BY: _____	DESIGNED BY: _____	CHECKED BY: L. BANDA, P.E.	SHEET NO. _____	OF _____

KHA PROJECT 068916908	DATE 7/18/2025	SCALE	AS SHOWN
		DESIGNED BY	CR
		DRAWN BY	CR
		CHECKED BY	MGM

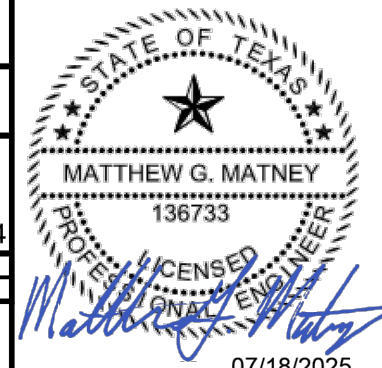
SIGNAGE & STRIPING DETAILS (2 OF 2)

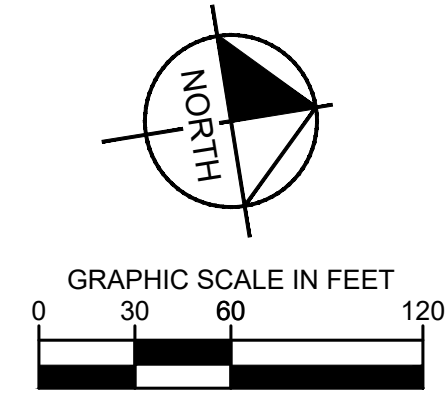
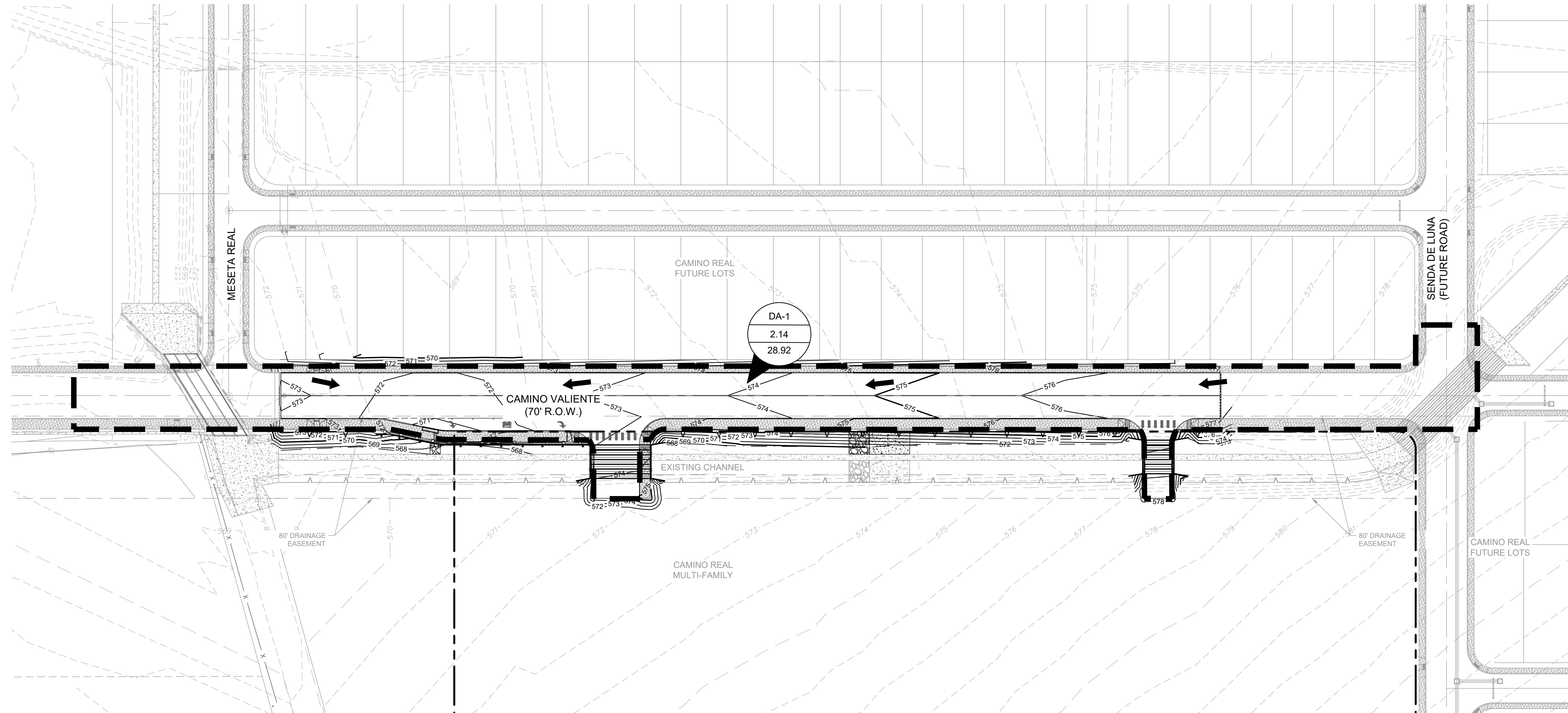
CAMINO VALIENTE
PREPARED FOR
KITTLE PROPERTY GROUP, INC.

TEXAS

SHEET NUMBER
C4.2

No.	REVISIONS	DATE	BY
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LEGEND	
— 570 —	EXISTING CONTOURS
570	PROPOSED CONTOURS
	DRAINAGE AREA
	100-YR EXTREME EVENT FLOW PATH
	DRAINAGE AREA NUMBER
	DRAINAGE AREA (ACRES)
	FLOW (CFS) 100-YR

PEAK FLOW CALCULATIONS							
Basin	Tc (min)	A (ac)	C	I-25 (in/hr)	I-100 (in/hr)	Q-25 (cfs)	Q-100 (cfs)
DA-1	5.0	2.14	0.98	11.00	13.79	23.07	28.92

CURB INLET SIZING						
Basin	Q-25 (CFS)	C _o Orifice Coeff.	h (FT.)(HEAD)	L _{REQ} (FT.)	L _{PROVIDED} (FT.)	Q _{capacity} (CFS)
DA-1	23.07	0.70	0.40	13.05	15.00	26.51

	BENCHMARK LIST
	TBM #10 LOCATED ON THE EAST SIDE OF SOUTH SYCAMORE STREET, APPROX. ±175 NORTH OF THE INTERSECTION OF SOUTH SYCAMORE STREET AND STATE HIGHWAY LOOP NO. 256 ELEVATION: 569.91'

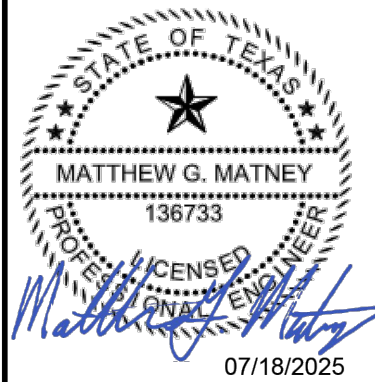


CAUTION!!

EXISTING UNDERGROUND UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS TO EXISTING UTILITIES DUE TO DAMAGE INCURRED DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE PLANS.

CAMINO VALIENTE
PREPARED FOR
TTLE PROPERTY GROUP, INC.
ANTONIO
TEXAS

PROPOSED DRAINAGE AREA MAP



Kimley»»Horn

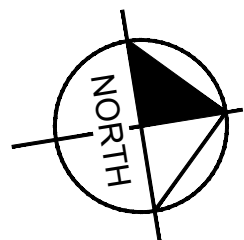
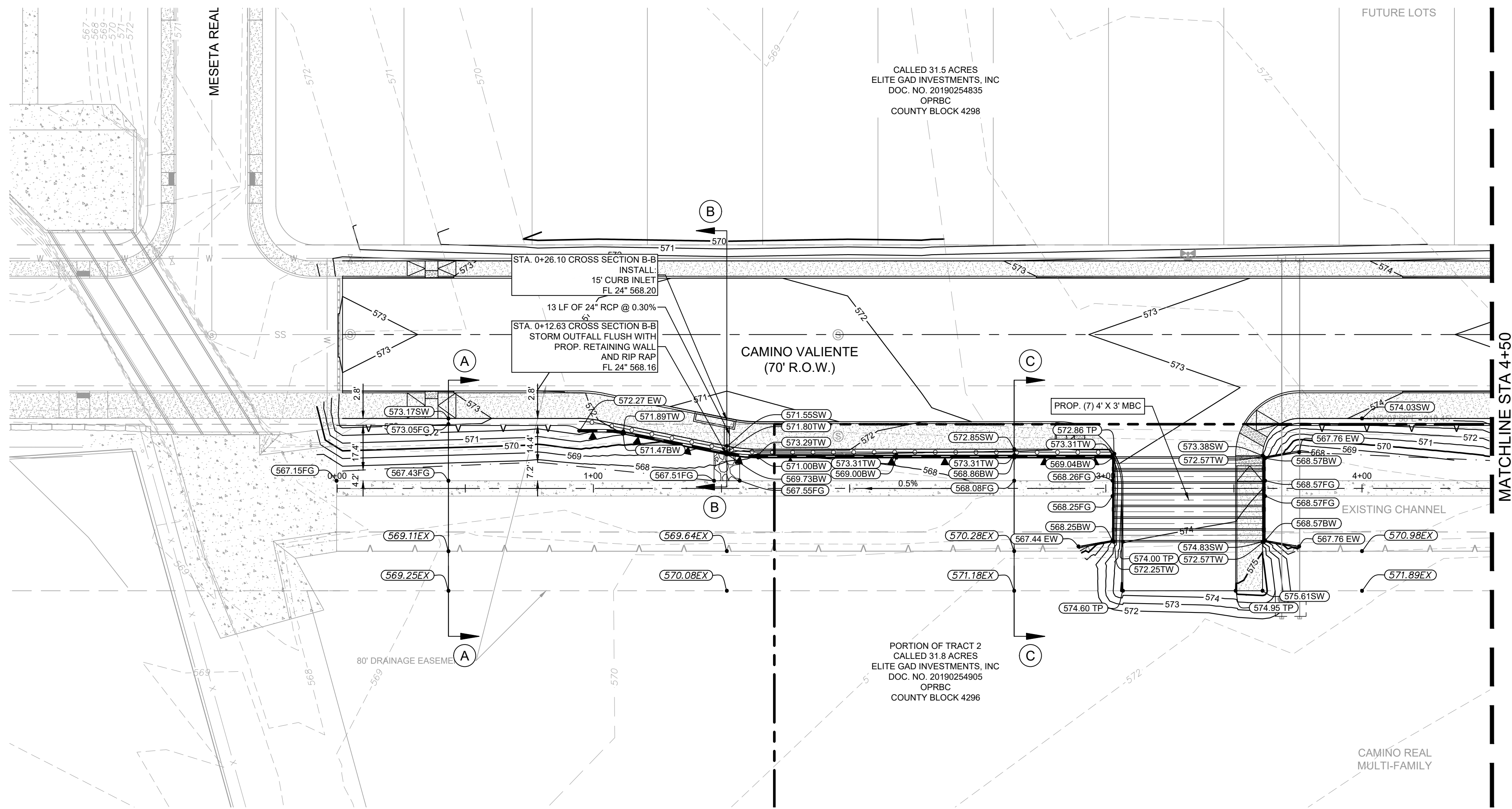
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 10101 REUNION PLACE, SUITE 400, SAN ANTONIO, TX 78216
 PHONE : 210-541-9166 FAX: 210-541-8699
 WWW.KIMLEY-HORN.COM TBPE FIRM NO. 928

No.	REVISIONS	DATE	BY
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Revised: B:\Projects\2025\July 18, 2025 - 06:05:52am K:\Users\kch\OneDrive\Documents\KCH\Projects\25-CAMINO-060616008-450
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D

C



GRAPHIC SCALE IN FEET
0 30 60 120

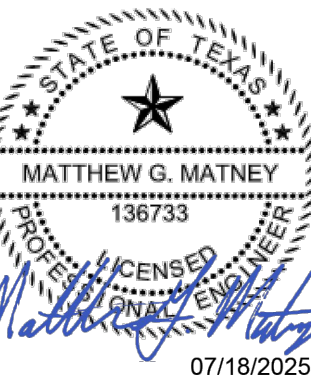
LEGEND

---	EXISTING CONTOURS
- - -	PROPOSED CONTOURS
---	PROPOSED STORM DRAIN LINE
---	BOTTOM OF CHANNEL
V	TOP OF CHANNEL
[Symbol]	PROPOSED CURB INLET
570.00	PROPOSED SPOT ELEVATION
TP	TOP OF PAVEMENT
SW	TOP OF SIDEWALK
TG	TOP OF GRATE
ME	MATCH EXISTING
FG	FINISHED GRADE
TW	FINISHED GRADE AT TOP OF WALL
BW	FINISHED GRADE AT BASE OF WALL
EW	END OF WALL
EX	EXISTING SPOT ELEVATION

NOTES

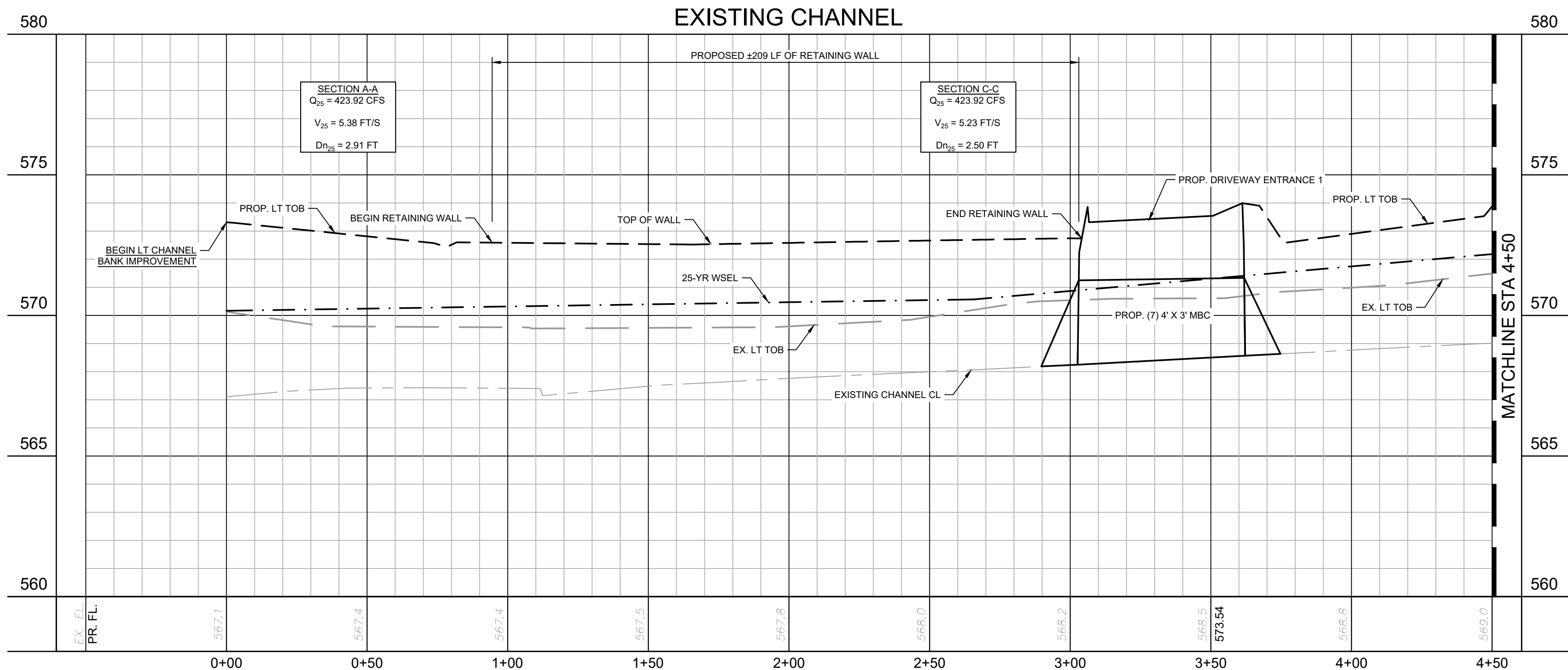
- ALL SPOT GRADES ARE TO TOP OF PAVEMENT (TP) OR TOP OF GRATE (TG), UNLESS OTHERWISE NOTED AS TC (TOP OF CURB). CONTRACTOR TO ADD 6\"/>
- NO EARTHEN SLOPE SHALL BE GREATER THAN 3:1, UNLESS OTHERWISE NOTED.
- MAXIMUM SLOPE IN ACCESSIBLE PARKING SPACES, LOADING ZONES AND SIDEWALK LANDINGS SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS.
- MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS UNLESS OTHERWISE NOTED. RUNNING SLOPE MAY EXCEED 5% IN PUBLIC R.O.W. IF EXISTING ROAD SLOPE EXCEEDS 5%.
- EXISTING MANHOLE TOPS, VALVE BOXES, ETC. ARE TO BE ADJUSTED AS REQUIRED TO MATCH PROPOSED GRADES. IF NECESSARY, READJUSTMENTS SHALL BE PERFORMED UPON COMPLETION OF PAVING AND FINE GRADING TO ENSURE A SMOOTH TRANSITION.
- PROPOSED RETAINING WALLS TO BE STRUCTURALLY DESIGNED AND PERMITTED BY CONTRACTOR.
- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

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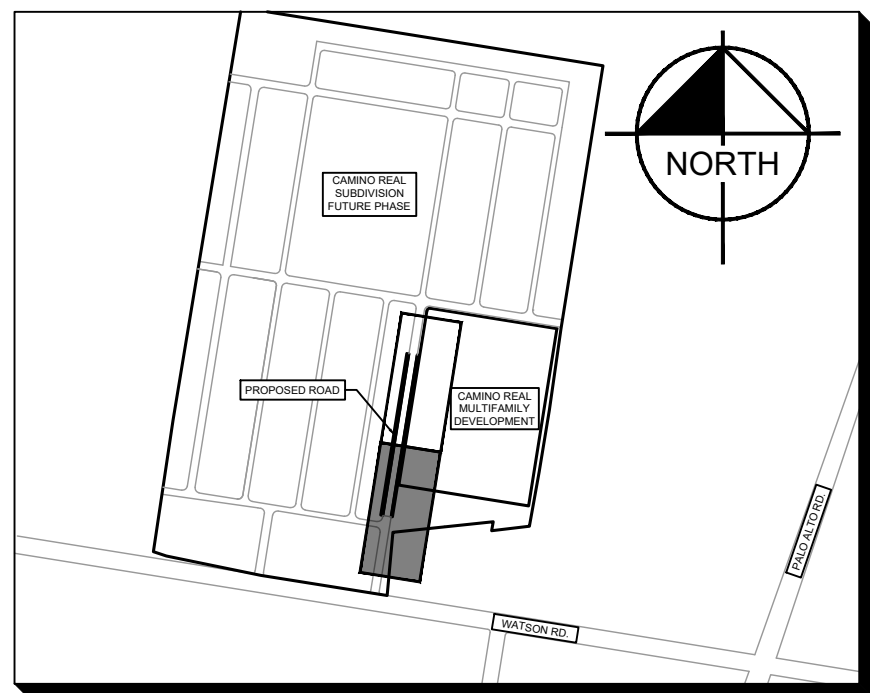


B

A



GRAPHIC SCALE IN FEET
0 15 30 60
HORIZONTAL
0 1.5 3 6
VERTICAL



KEY MAP
NTS

BM #	LOCATION
TBM #10	LOCATED ON THE EAST SIDE OF SOUTH SYCAMORE STREET, APPROX. ±175' NORTH OF THE INTERSECTION OF SOUTH SYCAMORE STREET AND STATE HIGHWAY LOOP NO. 256. ELEVATION: 569.91'



CAUTION!!
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**CHANNEL
PLAN & PROFILE
(STA 0+00 - STA 4+50)**

CAMINO VALIENTE
PREPARED FOR
KITTLE PROPERTY GROUP, INC.
SAN ANTONIO, TEXAS

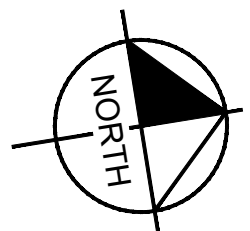
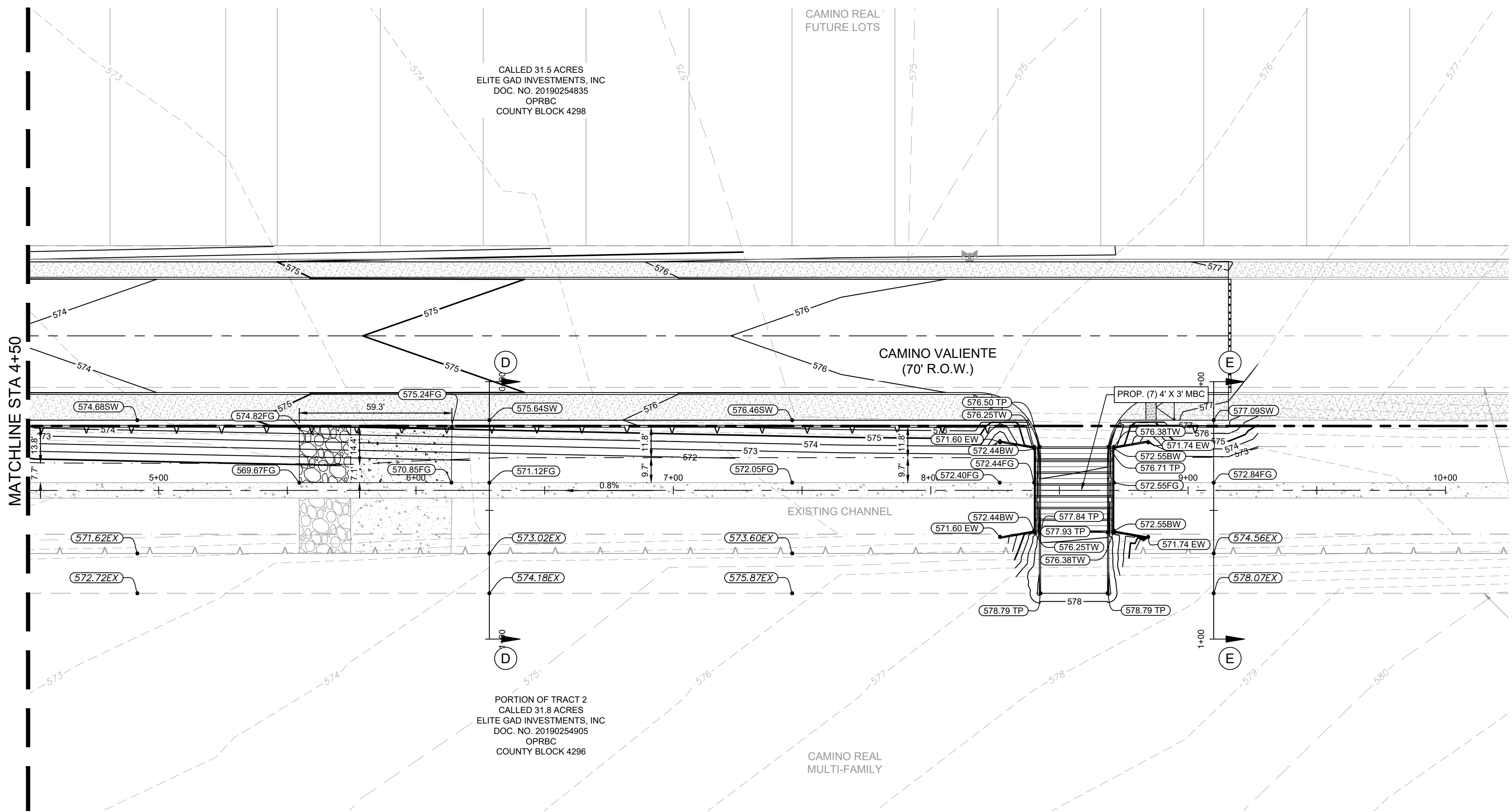
SHEET NUMBER
C6.0

KHA PROJECT	060616008
DATE	7/18/2025
SCALE	AS SHOWN
DESIGNED BY	CR
DRAWN BY	CR
CHECKED BY	MGM

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D

C



GRAPHIC SCALE IN FEET
0 15 30 60

LEGEND

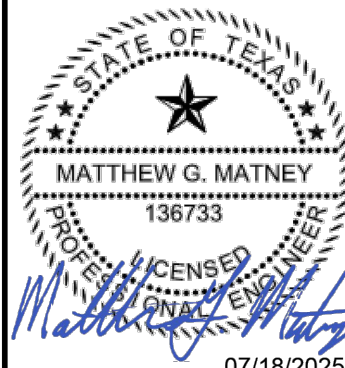
- 570 --- EXISTING CONTOURS
- 570 --- PROPOSED CONTOURS
- ===== PROPOSED STORM DRAIN LINE
- - - - - BOTTOM OF CHANNEL
- TOP OF CHANNEL
- PROPOSED CURB INLET
- 570.00 PROPOSED SPOT ELEVATION
- TP TOP OF PAVEMENT
- SW TOP OF SIDEWALK
- TG TOP OF GRATE
- ME MATCH EXISTING
- FG FINISHED GRADE
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- BW FINISHED GRADE AT BASE OF WALL
- EW END OF WALL
- EX EXISTING SPOT ELEVATION

NOTES

- ALL SPOT GRADES ARE TO TOP OF PAVEMENT (TP) OR TOP OF GRATE (TG), UNLESS OTHERWISE NOTED AS TO (TOP OF CURB). CONTRACTOR TO ADD 6" FOR TOP OF CURB AS NECESSARY.
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- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

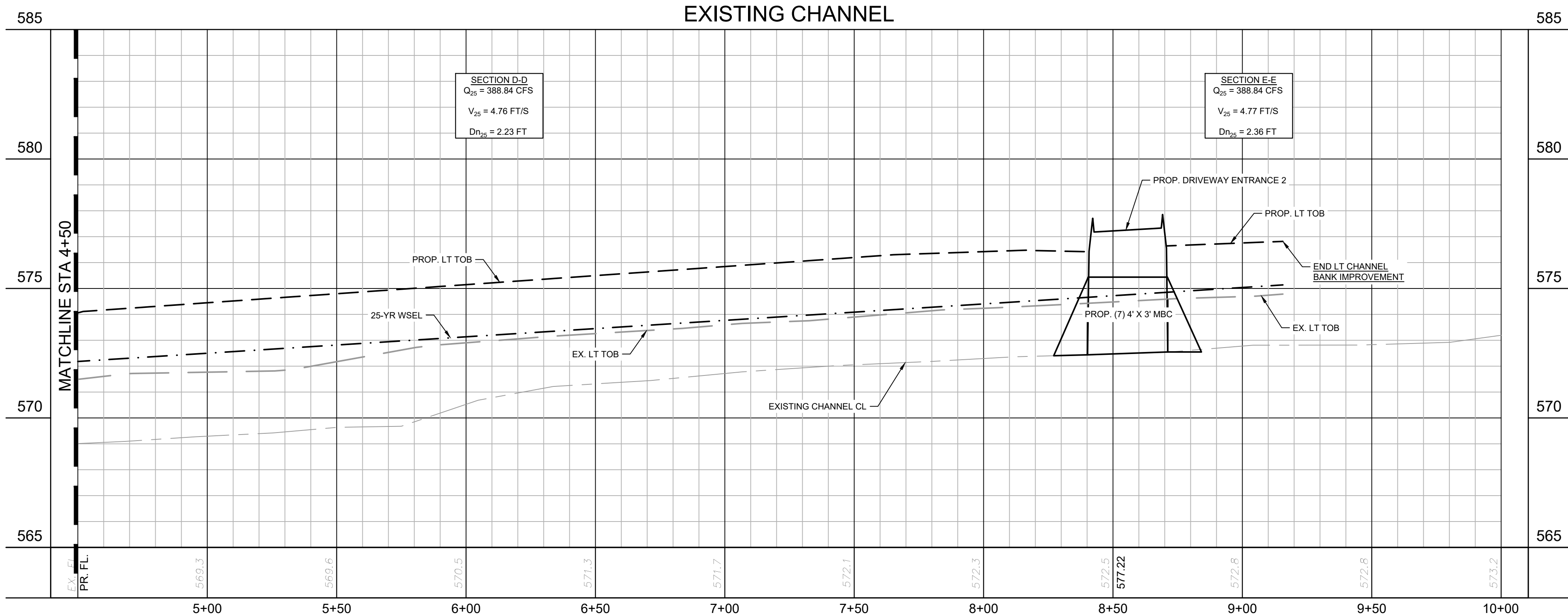
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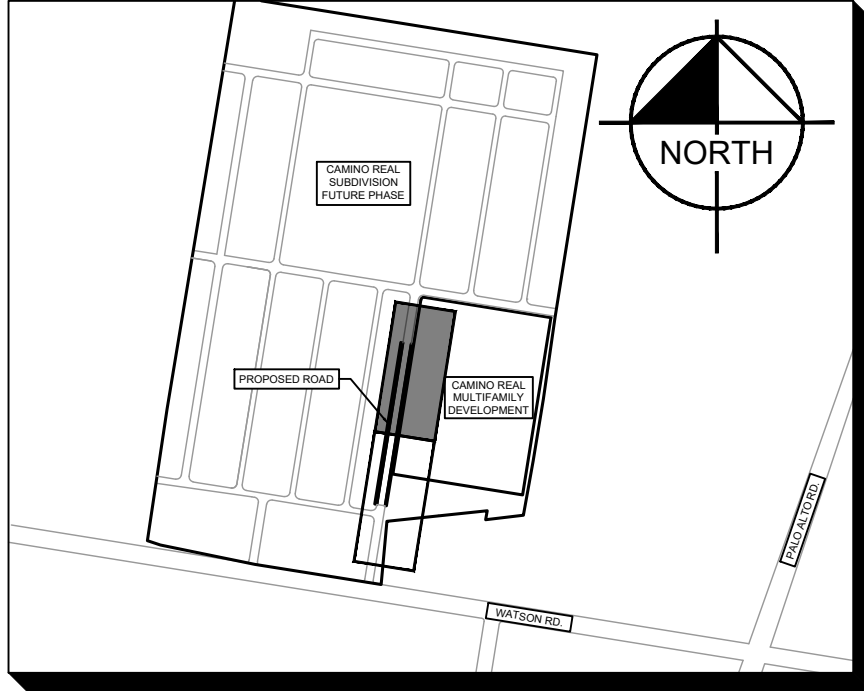
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GRAPHIC SCALE IN FEET
0 15 30 60

HORIZONTAL

0 1.5 3 6
VERTICAL



KEY MAP
NTS

BENCHMARK LIST
TBM #10
LOCATED ON THE EAST SIDE OF SOUTH SYCAMORE STREET,
APPROX. ±175 NORTH OF THE INTERSECTION OF SOUTH
SYCAMORE STREET AND STATE HIGHWAY LOOP NO. 256
ELEVATION: 569.91'



CAUTION!!
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**CHANNEL
PLAN & PROFILE
(STA 4+50 - END)**

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KITTLE PROPERTY GROUP, INC.
SAN ANTONIO, TEXAS

SHEET NUMBER
C6.1

NO.	REVISIONS	DATE	BY

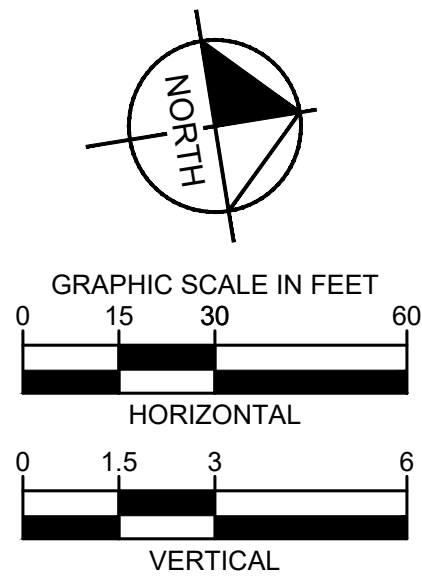
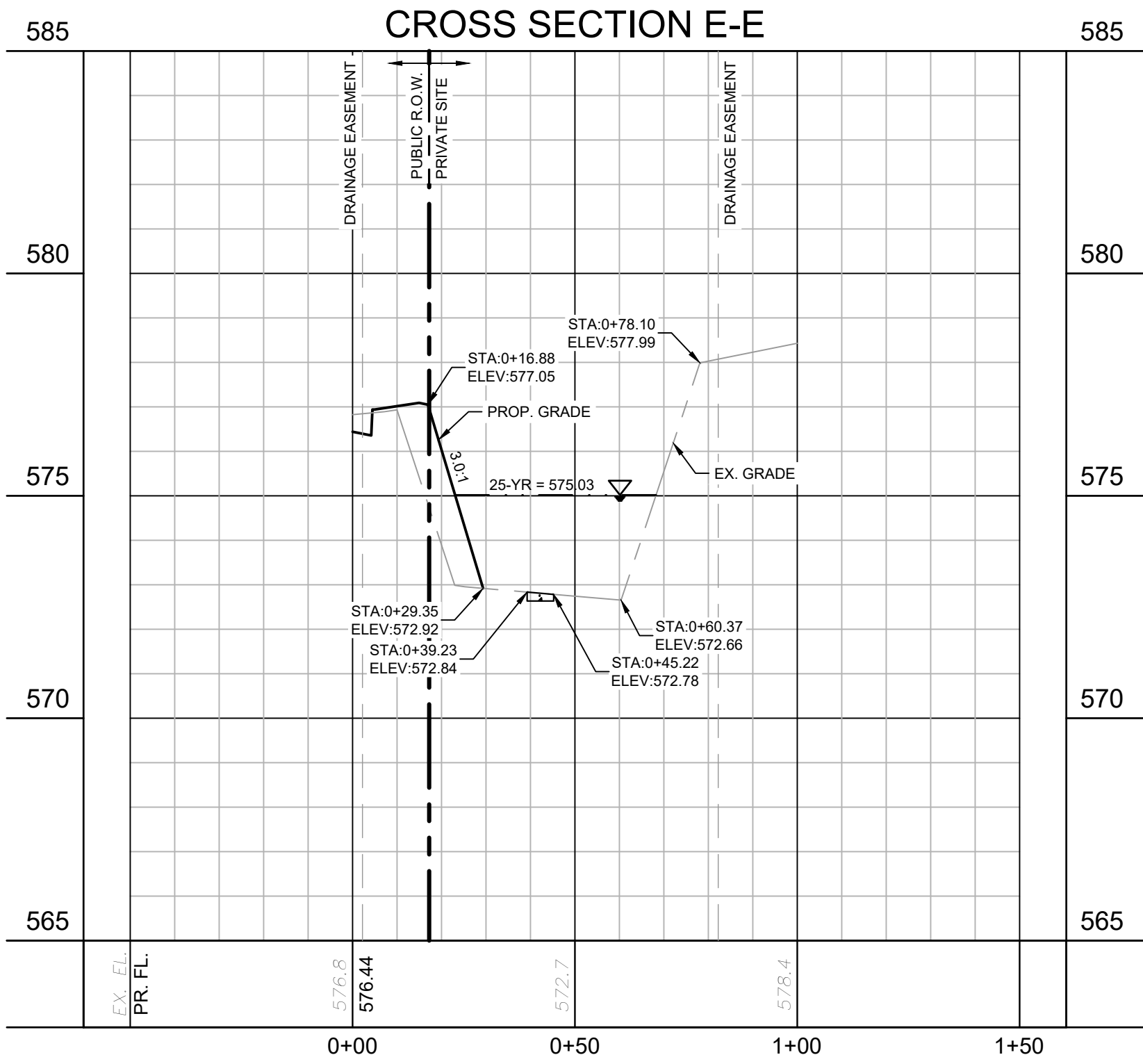
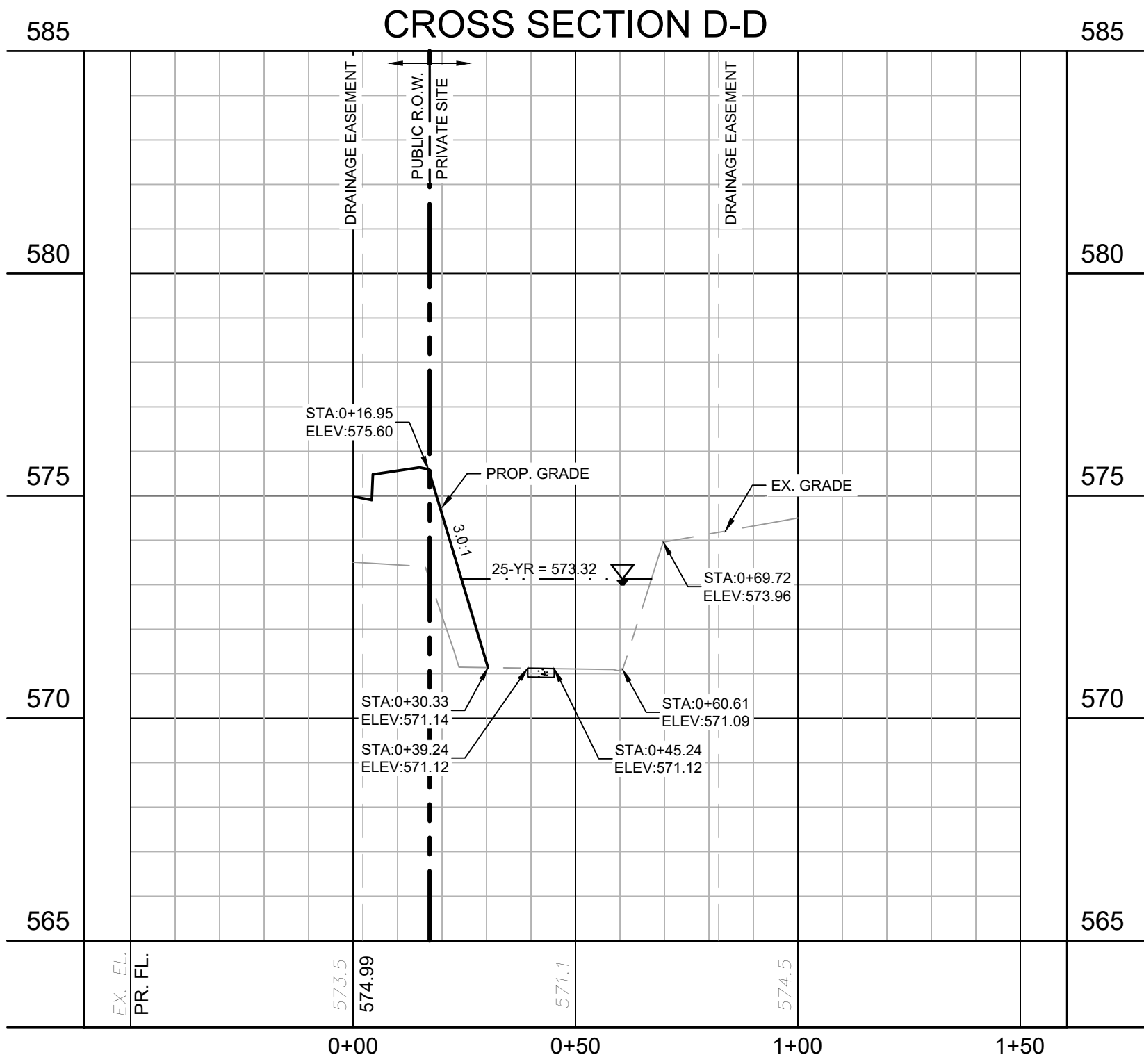
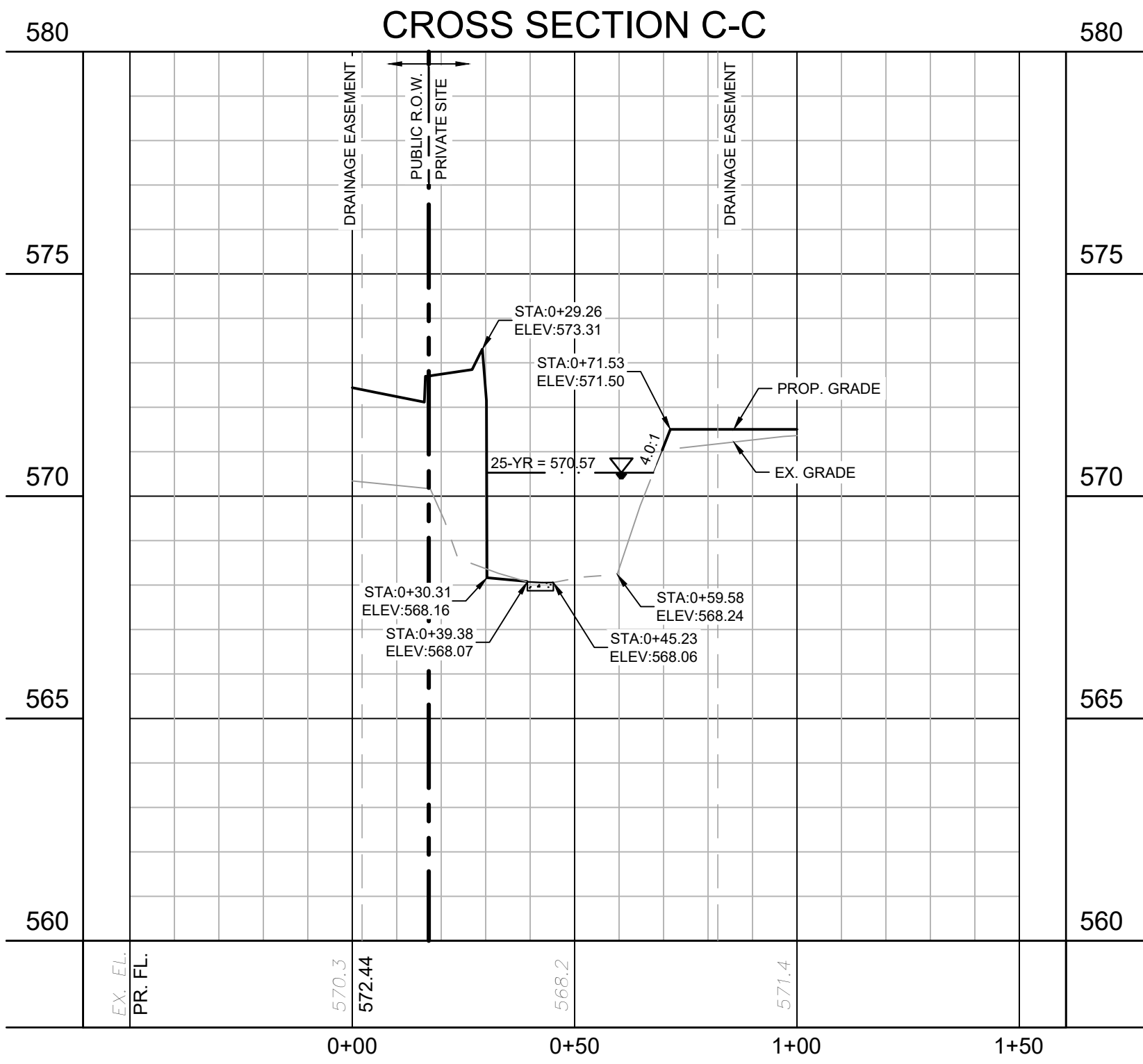
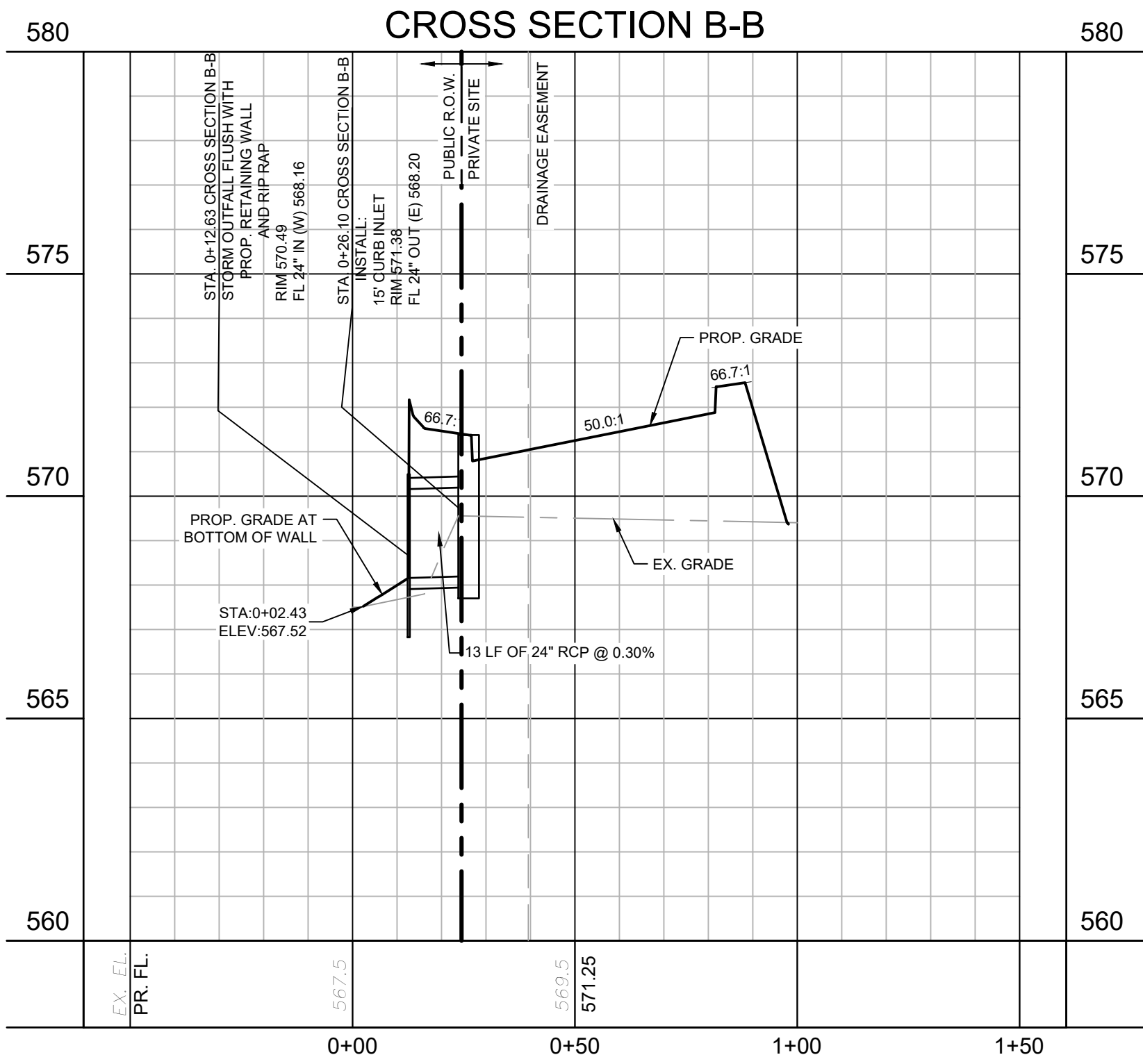
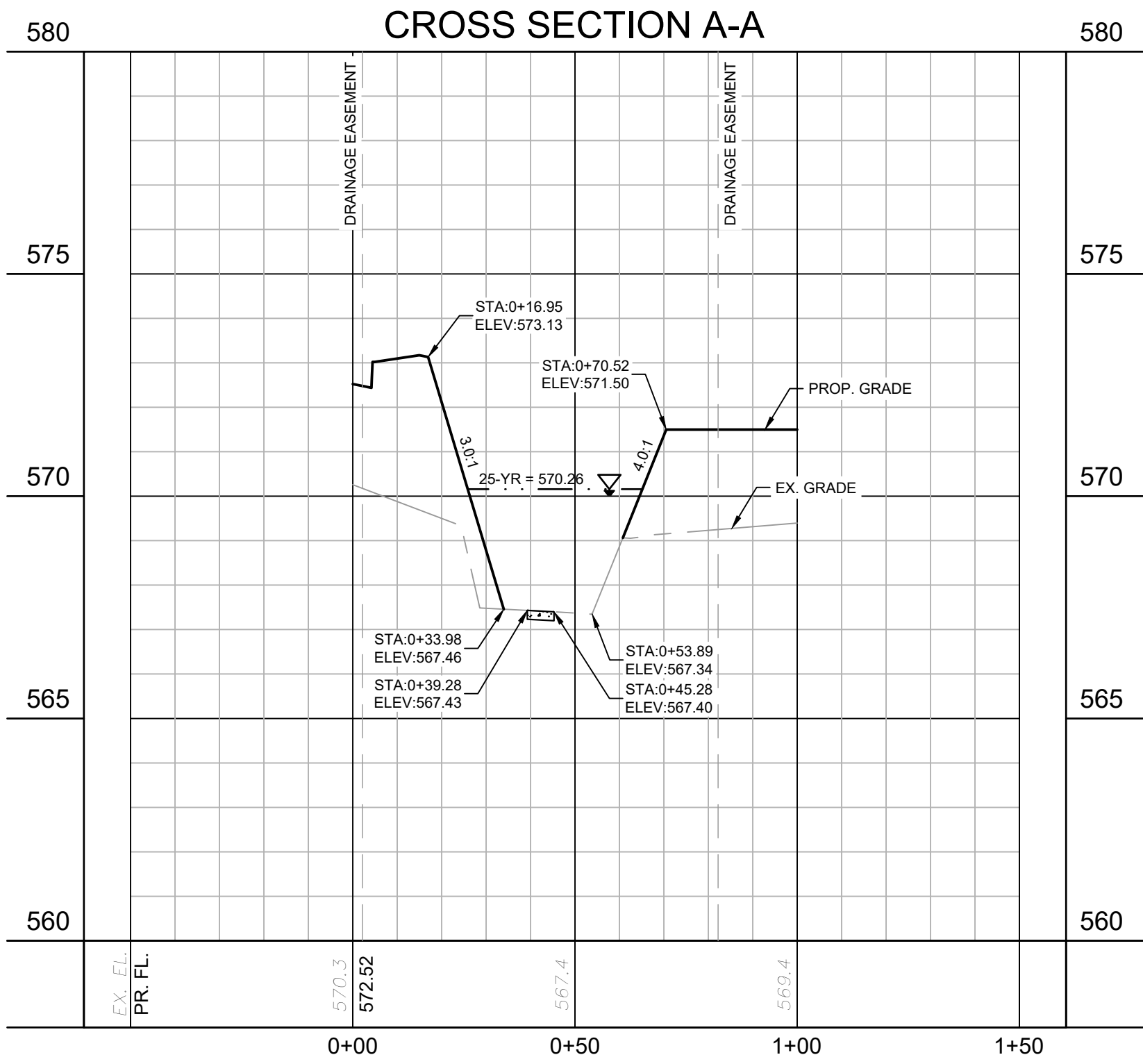
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D

C

B

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BENCHMARK LIST

TBM #10
LOCATED ON THE EAST SIDE OF SOUTH SYCAMORE STREET,
APPROX. ±175 NORTH OF THE INTERSECTION OF SOUTH
SYCAMORE STREET AND STATE HIGHWAY LOOP NO. 256
ELEVATION: **569.91'**

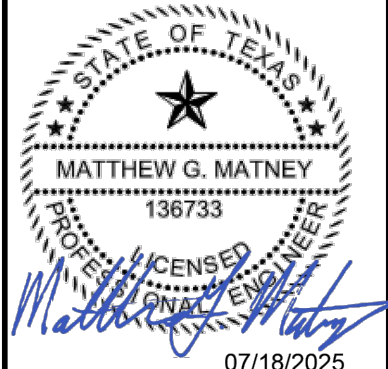


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KHA PROJECT	068616908
DATE	7/18/2025
SCALE	AS SHOWN
DESIGNED BY	CR
DRAWN BY	CR
CHECKED BY	MGM

CHANNEL AND STORM CROSS SECTIONS

CAMINO VALIENTE
PREPARED FOR
KITTLE PROPERTY GROUP, INC.
SAN ANTONIO
TEXAS

SHEET NUMBER
C6.2

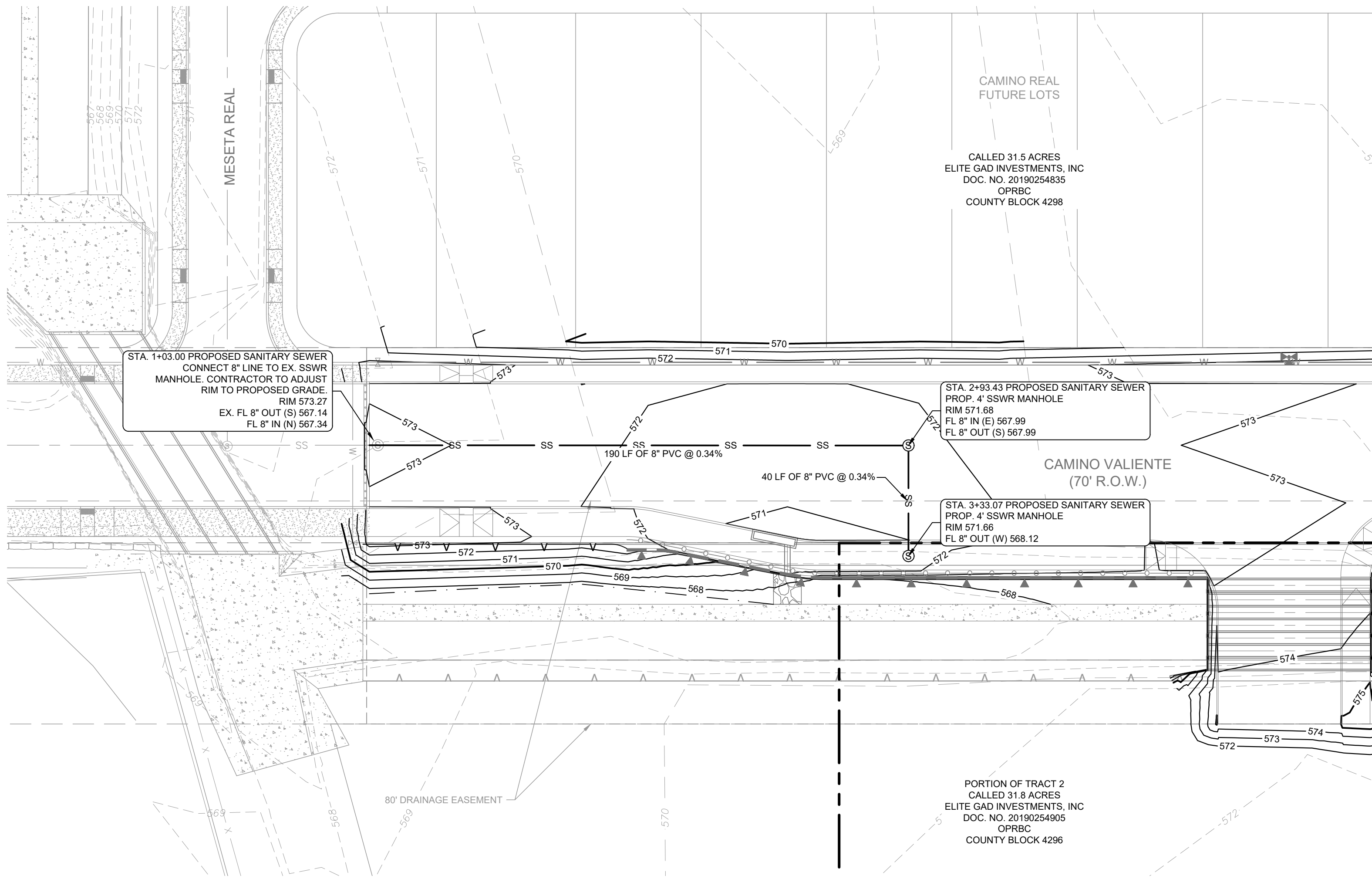
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C

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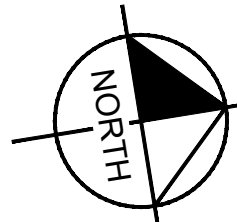
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SAWS GENERAL CONSTRUCTION NOTES COUNTER PERMIT AND GENERAL CONSTRUCTION PERMIT

GENERAL SECTION

- ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS CONTRACT SHALL BE APPROVED BY THE SAN ANTONIO WATER SYSTEM (SAWS) AND COMPLY WITH THE PLANS, SPECIFICATIONS, GENERAL CONDITIONS AND WITH THE FOLLOWING AS APPLICABLE:
 - CURRENT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) 'DESIGN CRITERIA FOR DOMESTIC WASTEWATER SYSTEM', TEXAS CODE ADMINISTRATIVE (TAC) TITLE 30 PART 1 CHAPTER 217 AND 'PUBLIC DRINKING WATER', TAC TITLE 30 PART 1 CHAPTER 290.
 - CURRENT TxDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND DRAINAGE.
 - CURRENT 'SAN ANTONIO WATER SYSTEM STANDARD SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION'.
 - CURRENT CITY OF SAN ANTONIO 'STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION'.
 - CURRENT CITY OF SAN ANTONIO 'UTILITY EXCAVATION CRITERIA MANUAL' (UECM).
- THE CONTRACTOR SHALL NOT PROCEED WITH ANY PIPE INSTALLATION WORK UNTIL THEY OBTAIN A COPY OF THE APPROVED COUNTER PERMIT OR GENERAL CONSTRUCTION PERMIT (GCP) FROM THE CONSULTANT AND HAS BEEN NOTIFIED BY SAWS CONSTRUCTION INSPECTION DIVISION TO PROCEED WITH THE WORK AND HAS ARRANGED A MEETING WITH THE INSPECTOR AND CONSULTANT FOR THE WORK REQUIREMENTS. WORK COMPLETED BY THE CONTRACTOR WITHOUT AN APPROVED COUNTER PERMIT AND/OR A GCP WILL BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE EXPENSE OF THE CONTRACTORS AND/OR THE DEVELOPER.
- THE CONTRACTOR SHALL OBTAIN THE SAWS STANDARD DETAILS FROM THE SAWS WEBSITE: [HTTP://WWW.SAWS.ORG/BUSINESS_CENTER/SPECS](http://www.saws.org/business_center/specs). UNLESS OTHERWISE NOTED WITHIN THE DESIGN PLANS.
- THE CONTRACTOR IS TO MAKE ARRANGEMENTS WITH THE SAWS CONSTRUCTION INSPECTION DIVISION AT (210) 233-2973, ON NOTIFICATION PROCEDURES THAT WILL BE USED TO NOTIFY AFFECTED HOME RESIDENTS AND/OR PROPERTY OWNERS 48 HOURS PRIOR TO BEGINNING ANY WORK.
- LOCATION AND DEPTH OF EXISTING UTILITIES AND SERVICE LATERALS SHOWN ON THE PLANS ARE UNDERSTOOD TO BE APPROXIMATE. ACTUAL LOCATIONS AND DEPTHS MUST BE FIELD VERIFIED BY THE CONTRACTOR AT LEAST 1 WEEK PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UTILITY SERVICE LINES AS REQUIRED FOR CONSTRUCTION AND TO PROTECT THEM DURING CONSTRUCTION AT NO COST TO SAWS.
- THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UNDERGROUND UTILITIES AND DRAINAGE STRUCTURES AT LEAST 1-2 WEEKS PRIOR TO CONSTRUCTION. WHETHER SHOWN ON PLANS OR NOT, PLEASE ALLOW UP TO 7 BUSINESS DAYS FOR LOCATES REQUESTING PIPE LOCATION MARKERS ON SAWS FACILITIES. THE FOLLOWING CONTACT INFORMATION ARE SUPPLIED FOR VERIFICATION PURPOSES:
SAWS UTILITY LOCATES: [HTTP://WWW.SAWS.ORG/SERVICE/LOCATES](http://www.saws.org/service/locates)
SCOSA DRAINAGE (210) 207-0724 OR (210) 207-6026
SCOSA TRAFFIC SIGNAL OPERATIONS (210) 206-6480
SCOSA TRAFFIC SIGNAL DETECTORS (210) 207-3561
TEXAS STATE WIDE ONE CALL LOCATOR: 1-800-545-6005 OR 811
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING FENCES, CURBS, STREETS, DRIVEWAYS, SIDEWALKS, LANDSCAPING AND STRUCTURES TO ITS ORIGINAL OR BETTER CONDITION IF DAMAGES ARE MADE AS A RESULT OF THE PROJECT'S CONSTRUCTION.
- ALL WORK IN TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT) AND/OR BEXAR COUNTY RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH RESPECTIVE CONSTRUCTION SPECIFICATIONS AND PERMIT REQUIREMENTS.
- THE CONTRACTOR SHALL COMPLY WITH CITY OF SAN ANTONIO OR OTHER GOVERNING MUNICIPALITY'S TREE ORDINANCES WHEN EXCAVATING NEAR TREES.
- THE CONTRACTOR SHALL NOT PLACE ANY WASTE MATERIALS IN THE 100-YEAR FLOOD PLAIN WITHOUT FIRST OBTAINING AN APPROVED FLOOD PLAIN PERMIT.
- HOLIDAY WORK: CONTRACTORS WILL NOT BE ALLOWED TO PERFORM SAWS WORK ON SAWS RECOGNIZED HOLIDAYS. REQUEST SHOULD BE SENT TO CONSWORKREQ@SAWS.ORG.
- WEEKEND WORK: CONTRACTORS ARE REQUIRED TO NOTIFY THE SAWS INSPECTION CONSTRUCTION DEPARTMENT 48 HOURS IN ADVANCE TO REQUEST WEEKEND WORK. REQUEST SHOULD BE SENT TO CONSWORKREQ@SAWS.ORG. ANY AND ALL SAWS UTILITY WORK INSTALLED WITHOUT HOLIDAY/WEEKEND APPROVAL WILL BE SUBJECT TO BE UNCOVERED FOR PROPER INSPECTION.
- COMPACTION NOTE (ITEM 884): THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING THE COMPACTION REQUIREMENTS ON ALL TRENCHBACKFILL, AND FOR PAYING FOR THE TESTS PERFORMED BY A THIRD PARTY. COMPACTION TESTS WILL BE DONE AT ONE LOCATION POINT RANDOMLY SELECTED, OR AS INDICATED BY THE SAWS INSPECTOR AND/OR THE TEST ADMINISTRATOR, PER EACH 12-INCH LOOSE LIFT PER 400 LINEAR FEET AT A MINIMUM. THIS PROJECT WILL NOT BE ACCEPTED AND FINALIZED BY SAWS WITHOUT THIS REQUIREMENT BEING MET AND VERIFIED BY PROVIDING ALL NECESSARY DOCUMENTED TEST RESULTS.
- A COPY OF ALL TESTING REPORTS SHALL BE FORWARDED TO SAWS CONSTRUCTION INSPECTION DIVISION.



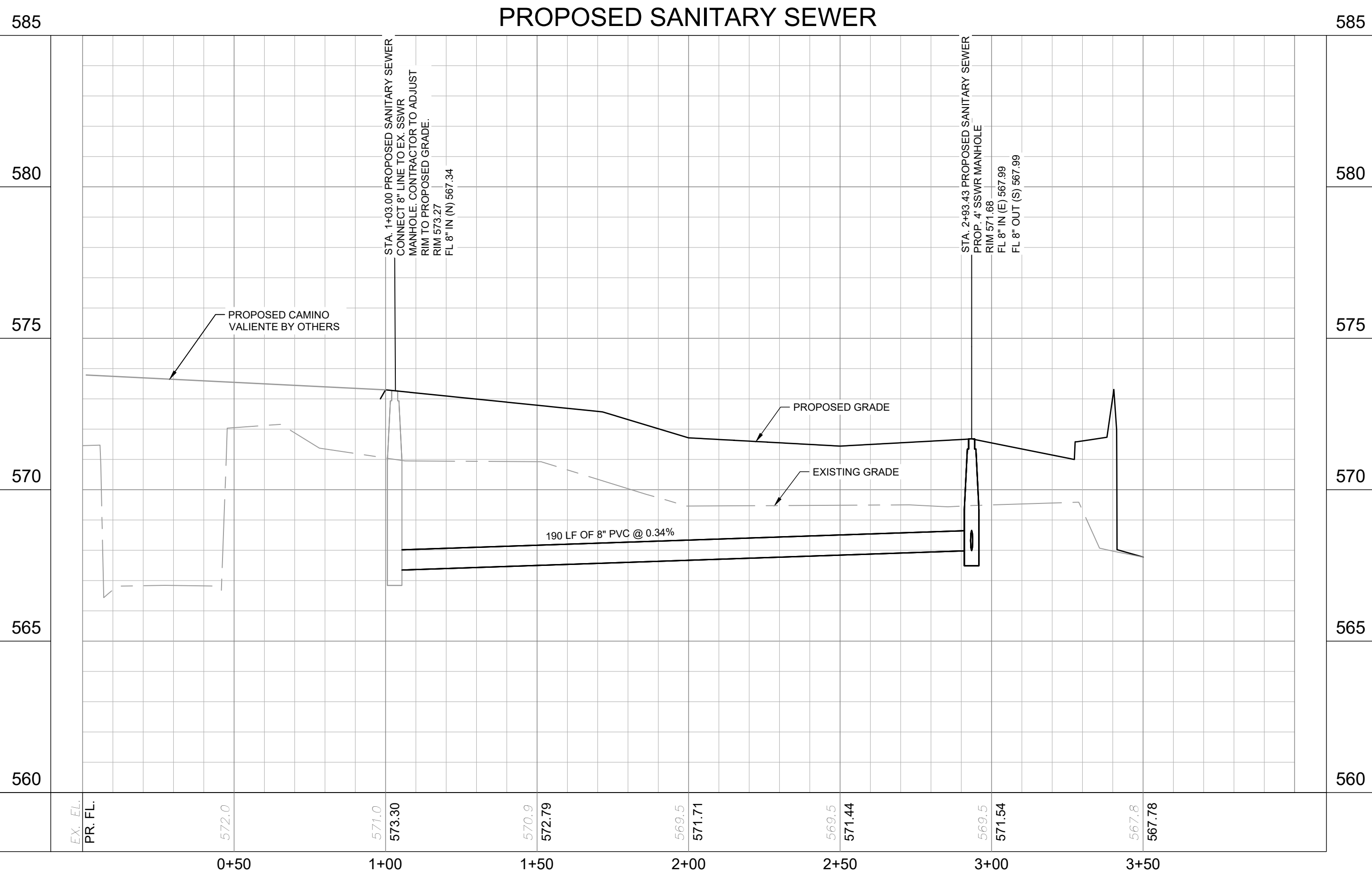
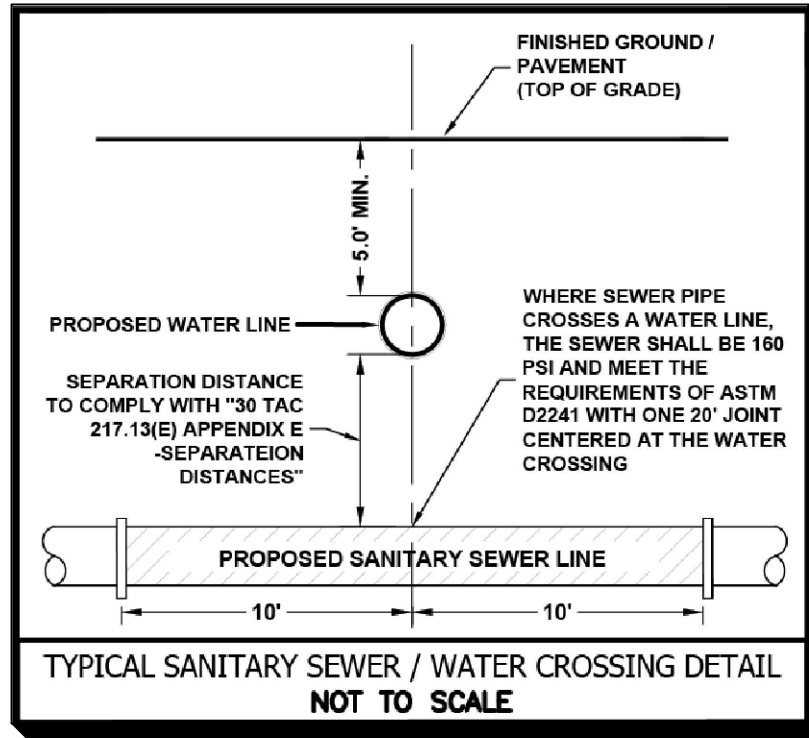
GRAPHIC SCALE IN FEET
0 15 30 60

LEGEND

---	PROPERTY LINE
SS	PROPOSED SANITARY SEWER LINE
W	PROPOSED WATER LINE
---	PROPOSED STORM DRAIN LINE
⊙	PROPOSED SANITARY SEWER MANHOLE
CI	PROPOSED CURB INLET
⋈	PROPOSED FIRE HYDRANT

NOTES

- REFER TO SAWS DESIGN GUIDELINES AND STANDARD CONSTRUCTION DETAILS FOR ALL UTILITY STANDARDS.
- CONTRACTOR TO FIELD VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTACT ENGINEER IF FIELD CONDITIONS VARY.
- CONTRACTOR SHALL REFER AND ADHERE TO ALL TCEQ DESIGN GUIDELINES (CHAPTER 217 AND 290) FOR ALL UTILITY CROSSING REQUIREMENTS.



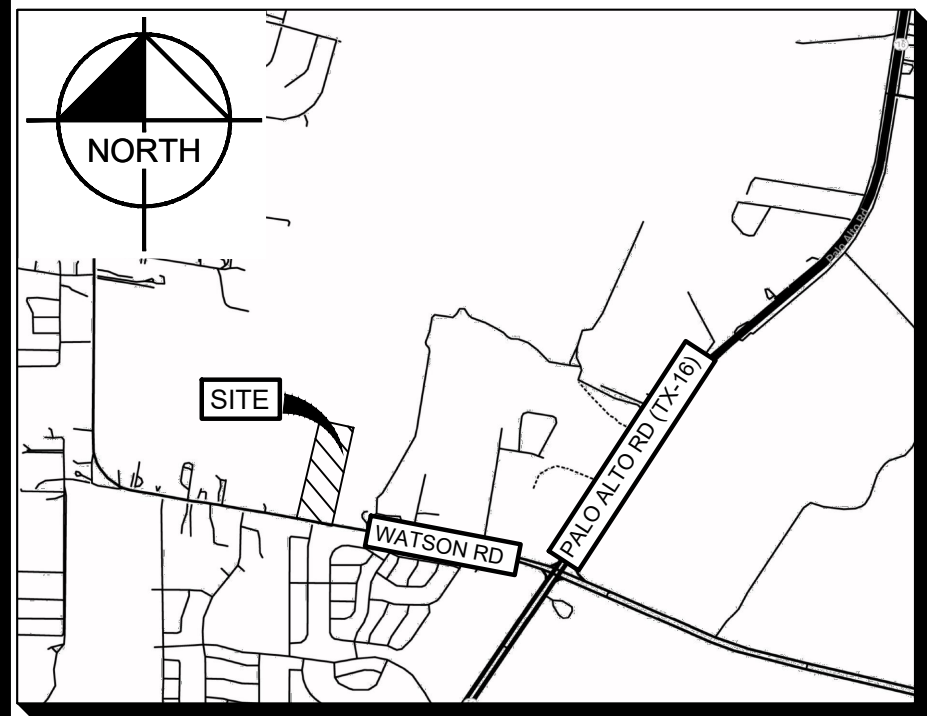
SAWS CONSTRUCTION NOTES COUNTER PERMIT AND GENERAL CONSTRUCTION PERMIT

SEWER NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT NO SANITARY SEWER OVERFLOW (SSO) OCCURS AS A RESULT OF THEIR WORK. ALL CONTRACTOR PERSONNEL RESPONSIBLE FOR SSO PREVENTION AND CONTROL SHALL BE TRAINED ON PROPER RESPONSE. SHOULD AN SSO OCCUR, THE CONTRACTOR SHALL:
 - IDENTIFY THE SOURCE OF THE SSO AND NOTIFY SAWS EMERGENCY OPERATIONS CENTER (EOC) IMMEDIATELY AT (210) 233-2014. PROVIDE THE ADDRESS OF THE SPILL AND AN ESTIMATED VOLUME OR FLOW.
 - ATTEMPT TO ELIMINATE THE SOURCE OF THE SSO.
 - CONTAIN SEWAGE FROM THE SSO TO THE EXTENT OF PREVENTING A POSSIBLE CONTAMINATION OF WATERWAYS.
 - CLEAN UP SPILL SITE (RETURN CONTAINED SEWAGE TO THE COLLECTION SYSTEM IF POSSIBLE) AND PROPERLY DISPOSE OF CONTAMINATED SOIL/MATERIALS.
 - CLEAN THE AFFECTED SEWER MAINS AND REMOVE ANY DEBRIS.
 - MEET ALL POST-SSO REQUIREMENTS AS PER THE EPA CONSENT DECREE, INCLUDING LINE CLEANING AND TELEVISIONING THE AFFECTED SEWER MAINS (AT SAWS DIRECTION) WITHIN 24 HOURS.SHOULD THE CONTRACTOR FAIL TO ADDRESS AN SSO IMMEDIATELY AND TO SAWS SATISFACTION, THEY WILL BE RESPONSIBLE FOR ALL COSTS INCURRED BY SAWS, INCLUDING ANY FINES FROM EPA, TCEQ AND/OR ANY OTHER FEDERAL, STATE OR LOCAL AGENCIES.
NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE FOR THIS WORK. ALL WORK SHALL BE DONE ACCORDING TO GUIDELINES SET BY THE TCEQ AND SAWS.
- IF BYPASS PUMPING IS REQUIRED, THE CONTRACTOR SHALL PERFORM SUCH WORK IN ACCORDANCE WITH SAWS STANDARD SPECIFICATION FOR WATER AND SANITARY SEWER CONSTRUCTION, ITEM NO. 864, 'BYPASS PUMPING'.
- PRIOR TO TIE-INS, ANY SHUTDOWNS OF EXISTING FORCE MAINS OF ANY SIZE MUST BE COORDINATED WITH THE SAWS CONSTRUCTION INSPECTION DIVISION AT (210) 233-2973 AT LEAST ONE WEEK IN ADVANCE OF THE SHUTDOWN. THE CONTRACTOR MUST ALSO PROVIDE A SEQUENCE OF WORK AS RELATED TO THE TIE-INS. THIS IS AT NO ADDITIONAL COST TO SAWS OR THE PROJECT AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SEQUENCE THE WORK ACCORDINGLY.
- SEWER PIPE WHERE WATER LINE CROSSES SHALL BE 160 PSI AND MEET THE REQUIREMENTS OF ASTM D2241, TAC 217.53 AND TCEQ 290.44(E)(4)(B). CONTRACTOR SHALL CENTER A 20\"/>
- ELEVATIONS POSTED FOR TOP OF MANHOLES ARE FOR REFERENCE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE ALL ADVANCES AND ADJUSTMENTS FOR TOP OF MANHOLES TO MATCH THE FINISHED GRADE OF THE PROJECT'S IMPROVEMENTS. (NSPI)
- SPILLS, OVERFLOWS, OR DISCHARGES OF WASTEWATER, ALL SPILLS, OVERFLOWS, OR DISCHARGES OF WASTEWATER, RECYCLED WATER, PETROLEUM PRODUCTS, OR CHEMICALS MUST BE REPORTED IMMEDIATELY TO THE SAWS INSPECTOR ASSIGNED TO THE COUNTER PERMIT OR GENERAL CONSTRUCTION PERMIT (GCP). THIS REQUIREMENT APPLIES TO EVERY SPILL, OVERFLOW, OR DISCHARGE REGARDLESS OF SIZE.
- MANHOLE AND ALL PIPE TESTING (INCLUDING THE TV INSPECTION) MUST BE PERFORMED AND PASSED PRIOR TO FINAL FIELD ACCEPTANCE BY SAWS CONSTRUCTION INSPECTION DIVISION, AS PER THE SAWS SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION.
- ALL PVC PIPE OVER 14 FEET OF COVER SHALL BE EXTRA STRENGTH WITH MINIMUM PIPE STIFFNESS OF 115 PSI.

GRAPHIC SCALE IN FEET
0 15 30 60
HORIZONTAL

0 1.5 3 6
VERTICAL



VICINITY MAP

SCALE: NTS

BENCHMARK LIST

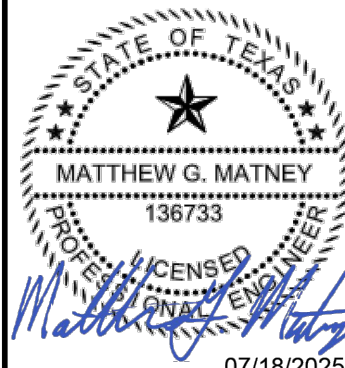
TBM #10
LOCATED ON THE EAST SIDE OF SOUTH SYCAMORE STREET,
APPROX. ±175 NORTH OF THE INTERSECTION OF SOUTH
SYCAMORE STREET AND STATE HIGHWAY LOOP NO. 256
ELEVATION: 569.91'



CAUTION!!
EXISTING UNDERGROUND UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS TO EXISTING UTILITIES DUE TO DAMAGE INCURRED DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE PLANS.

Kimley»Horn

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WWW.KIMLEY-HORN.COM TBE FIRM NO. 928

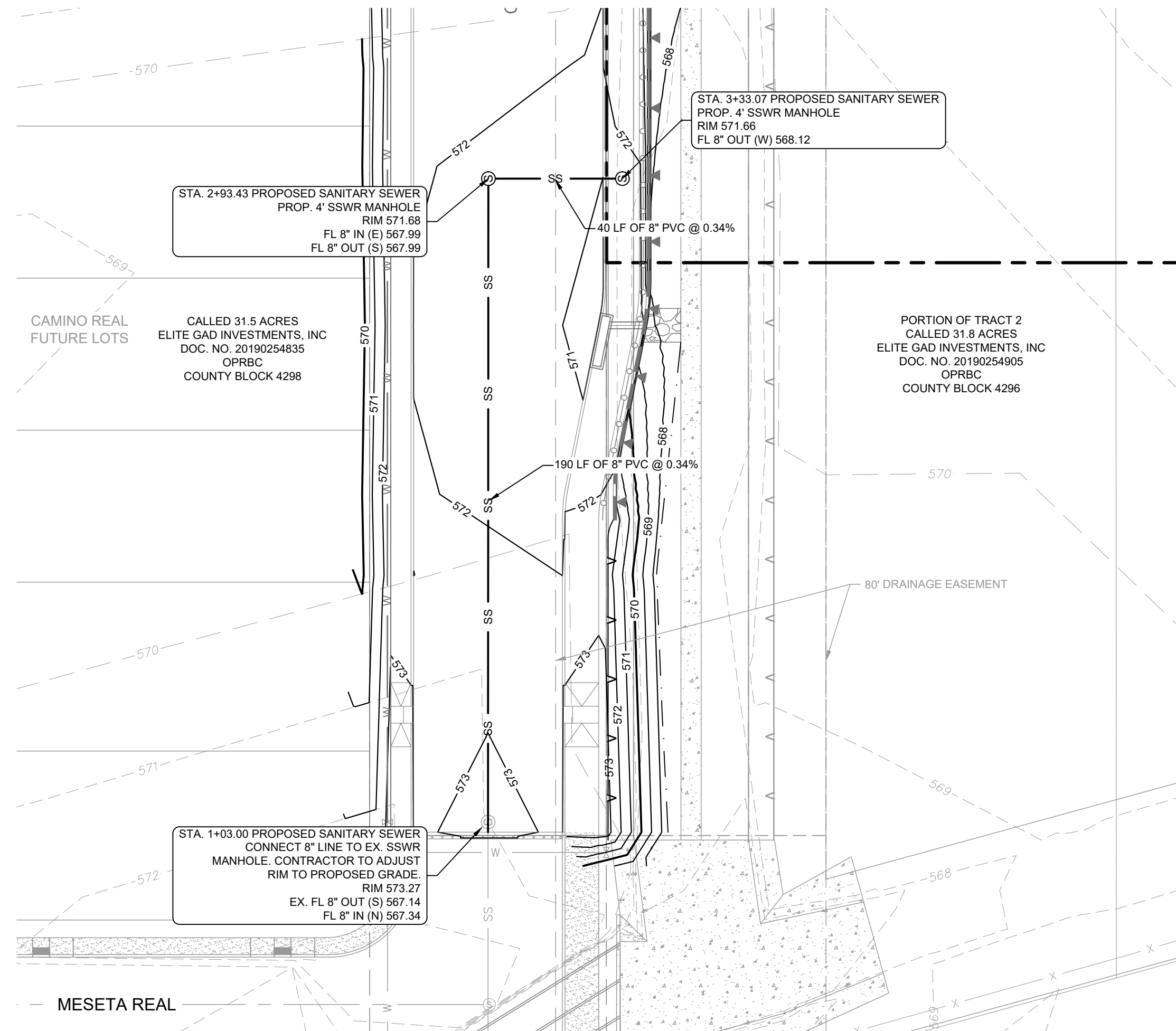


KHA PROJECT	068916098
DATE	7/18/2025
SCALE	AS SHOWN
DESIGNED BY	CR
DRAWN BY	CR
CHECKED BY	MM

**SANITARY SEWER -
PLAN AND PROFILE -
(STA 1+00 TO STA 2+93)**

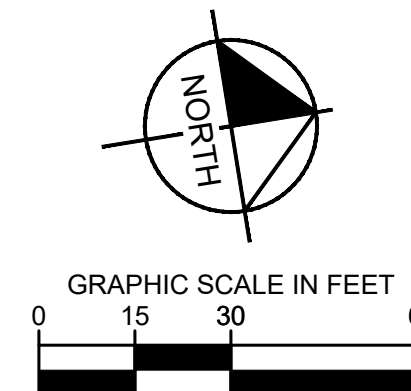
CAMINO VALIENTE
PREPARED FOR
KITTLE PROPERTY GROUP, INC.
SAN ANTONIO, TEXAS

SHEET NUMBER
C7.0

SAWS GENERAL CONSTRUCTION NOTES
COUNTER PERMIT AND GENERAL CONSTRUCTION PERMIT

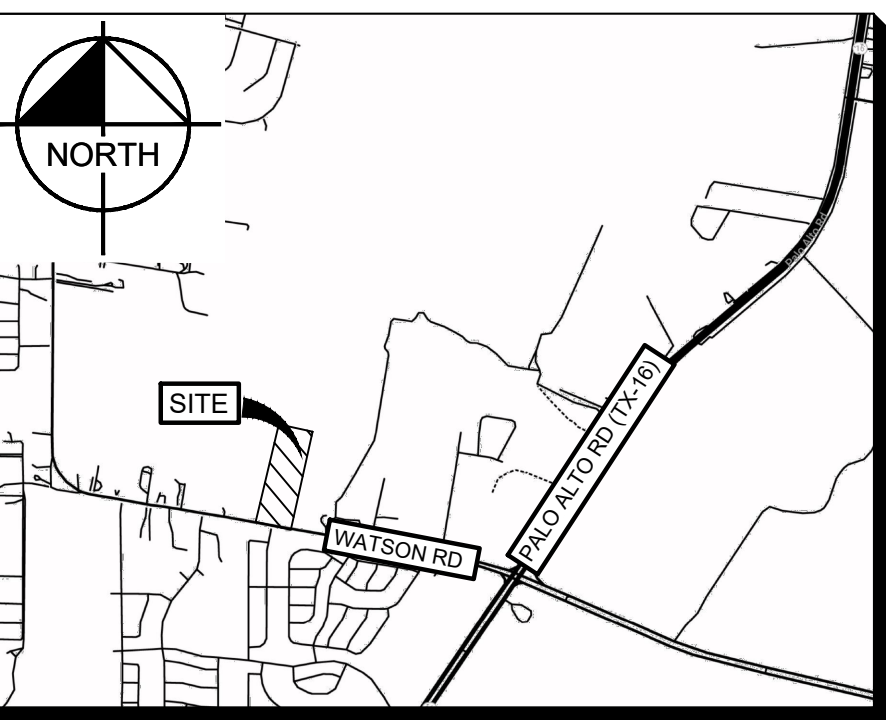
GENERAL SECTION

1. ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS CONTRACT SHALL BE APPROVED BY THE SAN ANTONIO WATER SYSTEM (SAWS) AND COMPLY WITH THE PLANS, SPECIFICATIONS, GENERAL CONDITIONS AND WITH ANY ADDITIONAL REQUIREMENTS OF THE CITY OF SAN ANTONIO.
- A. CURRENT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) "DESIGN CRITERIA FOR DOMESTIC WASTEWATER SYSTEM", TEXAS CODE ADMINISTRATIVE CODE, TITLE 30 PART 1 CHAPTER 217 AND "PUBLIC DRINKING WATER", TAC TITLE 30 PART 1 CHAPTER 290.
- B. CURRENT TxDOT "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND DRAINAGE", SAN ANTONIO WATER SYSTEM STANDARD SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION".
- D. CURRENT CITY OF SAN ANTONIO "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION".
- E. CURRENT CITY OF SAN ANTONIO "UTILITY EXCAVATION CRITERIA MANUAL" (UECM).
2. THE CONTRACTOR SHALL NOT PROCEED WITH ANY PIPE INSTALLATION WORK UNTIL THEY OBTAIN A COPY OF THE APPROVED "COUNTER PERMIT" OR GENERAL EXCAVATION PERMIT FROM THE CITY OF SAN ANTONIO. IF HAS NOT BEEN NOTIFIED BY SAWS CONSTRUCTION INSPECTION DIVISION TO PROCEED WITH THE WORK, THE CONTRACTOR HAS ARRANGED A MEETING WITH THE INSPECTOR AND CONSULTANT FOR THE WORK COORDINATORS. THE CONTRACTOR SHALL OBTAIN A COUNTER PERMIT AND A GCP WILL BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE EXPENSE OF THE CONTRACTORS AND/OR THE DEVELOPER.
3. THE CONTRACTOR SHALL OBTAIN THE SAWS STANDARD DETAILS FROM THE SAWS WEBSITE: <http://www.saws.org/SAWS/DESIGN/SAWS%20STANDARD%20DETAILS> UNLESS OTHERWISE NOTED WITHIN THE DESIGN PLANS.
4. THE CONTRACTOR IS TO MAKE ARRANGEMENTS WITH THE SAWS CONSTRUCTION INSPECTION DIVISION TO OBTAIN A GCP. THE GCP SHALL BE USED TO NOTIFY AFFECTED HOME RESIDENTS AND/OR PROPERTY OWNERS 48 HOURS PRIOR TO BEGINNING ANY WORK.
5. LOCATION AND DEPTH OF EXISTING UTILITIES AND SERVICE LATERALS SHOWN ON THE PLANS SHALL BE UNDERSTOOD TO BE APPROXIMATE. ACTUAL LOCATIONS AND DEPTHS MUST BE FIELD VERIFIED BY THE CONTRACTOR AT LEAST 1 WEEK PRIOR TO CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING UTILITIES AND SERVICE LATERALS PRIOR TO CONSTRUCTION AND TO PROTECT THEM DURING CONSTRUCTION AT NO COST TO SAWS.
6. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UNDERGROUND UTILITIES AND DRAINAGE STRUCTURES AT LEAST 1-2 WEEKS PRIOR TO CONSTRUCTION WITHIN 100 FEET DOWN ON THE PLANS. THE CONTRACTOR SHALL ALLOW UP TO 7 BUSINESS DAYS FOR LOCATES REQUESTING PIPE LOCATION MARKERS ON SAWS FACILITIES. THE FOLLOWING CONTACT INFORMATION ARE SUPPLIED FOR VERIFICATION PURPOSES:
SAWS UTILITY LOCATION: (210) 207-0724 OR (210) 207-6026
SAWS TRAFFIC SIGNAL OPERATIONS (210) 207-6026-8480
SAWS TRAFFIC SIGNAL DAMAGES (210) 207-3571
SAWS STATE WIDE UTILITY LOCATES: (210) 207-6005 OR 811
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING FENCES, CURBS, STREETS, DRIVEWAYS, SIDEWALKS, LANDSCAPING AND STRUCTURES TO ORIGINAL OR BETTER CONDITION IF DAMAGES ARE MADE AS A RESULT OF THE PROJECT'S CONSTRUCTION.
8. ALL WORK IN TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT) AND/OR BEARX COUNTY RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH RESPECTIVE TxDOT/BEARX COUNTY SPECIFICATIONS.
9. THE CONTRACTOR SHALL COMPLY WITH CITY OF SAN ANTONIO OR OTHER GOVERNING MUNICIPALITY'S TREE ORDINANCES WHEN EXCAVATING NEAR TREES. THE CONTRACTOR SHALL OBTAIN A TREE PROTECTION PLAN FOR ANY TREE LOSS IN YEAR FLOOD PLAIN WITHOUT FIRST OBTAINING AN APPROVED FLOOD PLAN PERMIT.
11. HOLIDAY WORK: CONTRACTORS WILL NOT BE ALLOWED TO PERFORM SAWS INSPECTION ON SAWS RECOGNIZED HOLIDAYS. REQUEST SHOULD BE SENT TO CONSTRUCTION@SAWS.ORG
12. WEEKEND WORK: CONTRACTORS ARE REQUIRED TO NOTIFY THE SAWS INSPECTION CONSTRUCTION DEPARTMENT 48 HOURS IN ADVANCE TO REQUEST WEEKEND WORK. REQUEST SHOULD BE SENT TO CONSTRUCTION@SAWS.ORG
13. ANY AND ALL SAWS UTILITY WORK INSTALLED WITHOUT HOLIDAY/WEEKEND APPROVAL WILL BE SUBJECT TO BE UNCOVERED FOR PROPER INSPECTION.
14. COMPACTON NOTE (ITEM 804): THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE CONTRACTOR TO THE CITY OF SAN ANTONIO FOR THE PAYING FOR THE TESTS PERFORMED BY A THIRD PARTY. COMPACTON TESTS WILL BE DONE AT ONE LOCATION POINT RANDOMLY SELECTED, OR AS INDICATED BY THE CITY OF SAN ANTONIO CONTRACTOR TO BE TESTED. THE CONTRACTOR SHALL LOOSE LIFT PER 400 LINEAR FEET AT A MINIMUM. THIS PROJECT WILL NOT BE ACCEPTED AND FINALIZED BY SAWS WITHOUT THIS REQUIREMENT BEING MET AND VERIFIED BY PROVIDING ALL NECESSARY DOCUMENTED TEST RESULTS.
15. A COPY OF ALL TEST REPORTS SHALL BE FORWARDED TO SAWS CONSTRUCTION INSPECTION DIVISION.



NOTES

1. REFER TO SAWS DESIGN GUIDELINES AND STANDARD CONSTRUCTION DETAILS FOR ALL UTILITY STANDARDS.
2. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTACT ENGINEER IF FIELD CONDITIONS VARY.
3. CONTRACTOR SHALL REFER AND ADHERE TO ALL TCEQ DESIGN GUIDELINES (CHAPTER 217 AND 290) FOR ALL UTILITY CROSSING REQUIREMENTS.



SCALE: NTS



811 Know what's **below**.
Call before you dig.

CAUTION!!

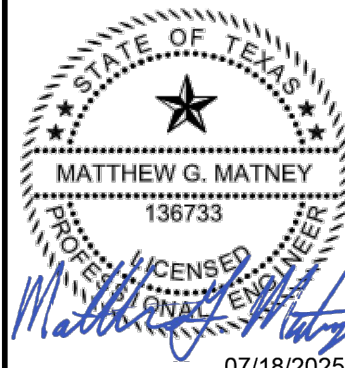
EXISTING UNDERGROUND UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS TO EXISTING UTILITIES DUE TO DAMAGE INCURRED DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE PLANS.

[illegible]

CAMINO VALIENTE
PREPARED FOR
TTLE PROPERTY GROUP, INC.

SHEET NUMBER
C7.1

Kimley»Horn



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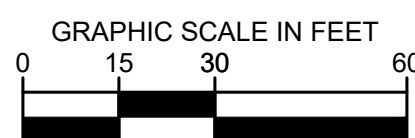




GENERAL SECTION

SAWS CONSTRUCTION NOTES
COUNTER PERMIT AND GENERAL CONSTRUCTION PERMIT

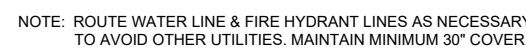
WATER NOTES



LEGEND

NOTES

- TAILS FOR ALL UTILITY



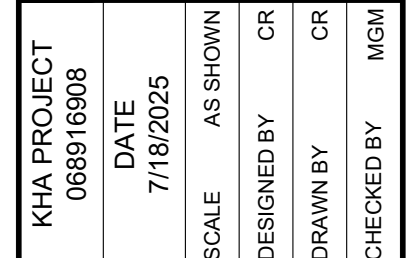
TBM #10
LOCATED ON THE EAST SIDE OF SOUTH SYCAMORE STREET,
APPROX. ±175 NORTH OF THE INTERSECTION OF SOUTH
SYCAMORE STREET AND STATE HIGHWAY LOOP NO. 256
ELEVATION: **569.91'**



CAUTION!!

EXISTING UNDERGROUND UTILITIES IN THE AREA CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS TO EXISTING UTILITIES DUE TO DAMAGE INCURRED DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE PLANS.

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WATER PLAN (1 OF 2)

CAMINO VALIENTE
PREPARED FOR
TTTLE PROPERTY GROUP, INC.

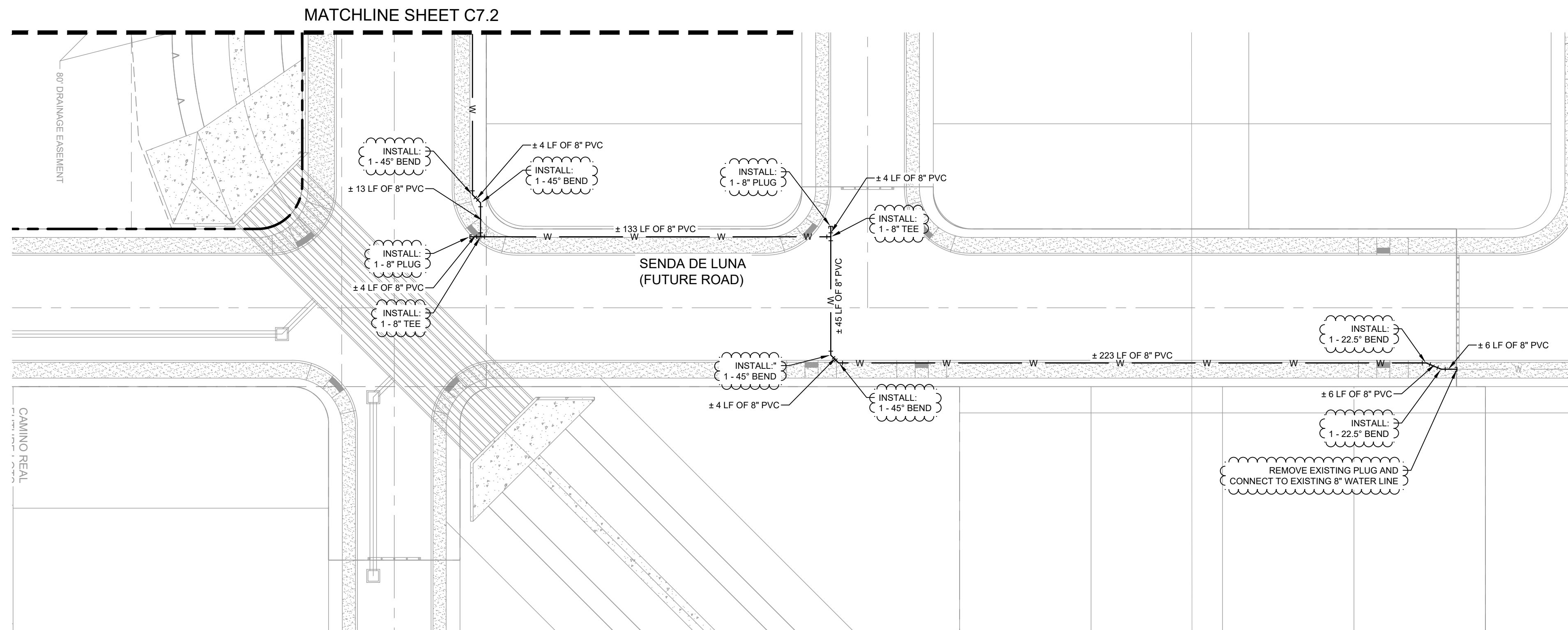
SAN ANTONIO

SHEET NUMBER
C7.2

B
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A

D
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C

D



SAWS GENERAL CONSTRUCTION NOTES
COUNTER PERMIT AND GENERAL CONSTRUCTION PERMIT

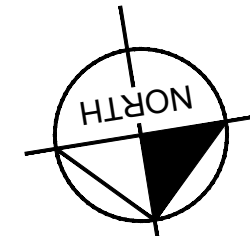
GENERAL SECTION

- A. ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS CONTRACT SHALL BE APPROVED BY THE SAN ANTONIO WATER SYSTEM (SAWS) IN ACCORDANCE WITH THE CITY SPECIFICATIONS, GENERAL CONDITIONS AND WITH THE FOLLOWING AS APPLICABLE:
 - A. CURRENT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) "DESIGN CRITERIA FOR DOMESTIC WASTEWATER SYSTEM," TEXAS CODE ADMINISTRATIVE CODE CHAPTER 20 PART 1, CHAPTER 217 AND "PUBLIC DRINKING WATER," TITLE 30 CHAPTER 1 CHAPTER 20.
 - B. CURRENT TXDOT "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS AND BRIDGES" DIVISION 600.
 - C. CURRENT "SAN ANTONIO WATER SYSTEM STANDARD SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION".
 - D. CURRENT CITY OF SAN ANTONIO "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION".
 - E. CURRENT CITY OF SAN ANTONIO "UTILITY EXCAVATION CRITERIA MANUAL" (UECM).
- B. THE CONTRACTOR SHALL NOT PROCEED WITH ANY PIPE INSTALLATION WORK UNTIL THE PROJECT HAS OBTAINED A PERMIT FROM THE CITY OF SAN ANTONIO THROUGH THE CONSTRUCTION PERMIT (GCP), FROM THE CONSULTANT AND HAS BEEN NOTIFIED BY SAWS CONSTRUCTION INSPECTION DIVISION TO PROCEED WITH THE WORK AND HAS ARRANGED A MEETING WITH THE INSPECTOR AND CONSULTANT FOR THE WORK TO BEGIN. WHEN THE WORK IS UNDERWAY, THE CONTRACTOR SHALL PROVIDE A COUNTER PERMIT AND A GCP WILL BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE EXPENSE OF THE CONTRACTORS AND/OR DEVELOPER.
- C. THE CONTRACTOR SHALL OBTAIN THE SANS STANDARD DATA SHEET FROM THE SAWS WEBSITE <http://www.sawsonline.org/bidinfo>. UNLESS OTHERWISE NOTED WITHIN THE DESIGN PLANS.
 - A. THE CONTRACTOR IS TO MAKE ARRANGEMENTS WITH THE SAWS CONSTRUCTION INSPECTION DIVISION TO OBTAIN ACCESS TO THE SAWS FACILITIES THAT IT BE USED TO NOTIFY AFFECTED HOME RESIDENTS AND/OR PROPERTY OWNERS 48 HOURS PRIOR TO BEGINNING ANY WORK.
 - B. LOCATION AND DEPTH OF EXISTING UTILITIES AND SERVICE LATERALS SHOWN ON THE PLANS ARE INTENDED TO BE APPROXIMATE. ACTUAL LOCATIONS AND DEPTHS MUST BE FIELD VERIFIED BY THE CONTRACTOR AT LEAST 1 WEEK PRIOR TO CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UTILITIES AND SERVICE LATERALS PRIOR TO CONSTRUCTION AND TO PROTECT THEM DURING CONSTRUCTION AT NO COST TO SAWS.
 - C. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UNDERGROUND UTILITIES AND DRAINAGE STRUCTURES AT LEAST 1-2 WEEKS PRIOR TO CONSTRUCTION WITHOUT THE NEED FOR A UTILITY LOCATOR OR OTHER INSTRUMENTS. REQUEST FOR LOCATES REQUESTING PIPE LOCATION MARKERS ON SAWS FACILITIES. THE FOLLOWING CONTACT INFORMATION ARE SUPPLIED FOR VERIFICATION PURPOSES ONLY: SAWS UTILITY LOCATION REQUEST REQUIREMENT: TEL: 202-606-2626 FAX: 202-606-2626 SCOSA DRAINAGE (210) 207-0724 OR (210) 207-6026 SCOSA TRAFFIC SIGNAL OPERATIONS (210) 208-4840 SCOSA TRAFFIC SIGNAL DAMAGES (210) 207-3951 TEXAS STATE WIDE UTILITY LOCATING REQUIREMENT: TEL: 800-455-6005 OR 811
 - D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING CURBS, STREETS, DRIVEWAYS, SIDEWALKS, LANDSCAPING AND STRUCTURES TO ORIGINAL CONDITION IF DAMAGES ARE MADE AS A RESULT OF THE PROJECT'S CONSTRUCTION.
- D. ALL WORK IN TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) AND/or BEARX COUNTY RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH RESPECTIVE UTILITY LOCATION SPECIAL REQUIREMENTS.
- E. THE CONTRACTOR SHALL COMPLY WITH CITY OF SAN ANTONIO OR OTHER GOVERNING MUNICIPALITY'S TREE ORDINANCES WHEN EXCAVATING NEAR TREES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY TREE FLAIN WITHIN FIRST OBTAINING AN APPROVED FLOOD PLAIN PERMIT.
- F. HOLIDAY WORK: CONTRACTORS WILL NOT BE ALLOWED TO PERFORM SAWS WORK ON SAWS RECOGNIZED HOLIDAYS. REQUEST SHOULD BE SENT TO CONSTRUCTION@SAWS.ORG
- G. WEEKEND WORK: CONTRACTORS ARE REQUIRED TO NOTIFY THE SAWS INSPECTION CONSTRUCTION DEPARTMENT 48 HOURS IN ADVANCE TO REQUEST WEEKEND WORK. REQUEST SHOULD BE SENT TO CONSTRUCTION@SAWS.ORG. ANY AND ALL SAWS UTILITY WORK INSTALLED WITHOUT HOLIDAY/WEEKEND APPROVAL WILL BE SUBJECT TO BE UNCOVERED FOR PROPER INSPECTION
- H. COMPACTON NOTE (ITEM 804): THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER COMPACTION OF ALL BACKFILL AND SUBGRADE. TESTING AND PAYING FOR THE TESTS PERFORMED BY A THIRD PARTY. COMPACTION TESTS WILL BE DONE AT ONE LOCATION POINT RANDOMLY SELECTED, OR AS INDICATED BY THE SAWS INSPECTION DIVISION. THE CONTRACTOR SHALL PROVIDE 12-INCH LOOSE LIFT PER 400 LINEAR FEET AT A MINIMUM. THIS PROJECT WILL NOT BE ACCEPTED AND FINALIZED BY SAWS WITHOUT THIS REQUIREMENT BEING MET AND VERIFIED BY PROVIDING ALL NECESSARY DOCUMENTED TEST RESULTS.
- I. A COPY OF ALL TEST REPORTS SHALL BE FORWARDED TO SAWS CONSTRUCTION INSPECTION DIVISION.

SAWS CONSTRUCTION NOTES
COUNTER PERMIT AND GENERAL CONSTRUCTION PERMIT

WATER NOTES

1. PRIOR TO TIE-INS, ANY SHUTDOWNS OF EXISTING MAINS OF ANY SIZE MUST BE COORDINATED WITH THE SAWS INSPECTION AND/OR SAWS PRODUCTION GROUPS AT LEAST TWENTY-FIVE (25) CALENDAR DAYS IN ADVANCE OF THE SHUTDOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TIE-INS AS RELATED TO THE TIE-INS. THIS IS AT NO ADDITIONAL COST TO SAWS OR THE PROJECT AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SEQUENCE THE WORK ACCORDINGLY. SAWS PRODUCTION CONTROL CENTER 210-260-2200.
2. ASBESTOS CEMENT (AC) PIPE, ALSO KNOWN AS TRANSITE PIPE WHICH IS KNOWN TO CONTAIN ASBESTOS-CONTAINING MATERIAL (ACM), MAYBE LOCATED WITHIN THE PROJECT LIMITS. SPECIAL WASTE MANAGEMENT PROCEDURES AND METHODS MUST BE FOLLOWED TO REMOVE THE PIPE. WHEN REMOVAL AND/OR DISTURBANCE OF THIS PIPE OCCURS, PAYMENT FOR SUCH WORK IS TO BE MADE UNDER ITEM NO. 3000, "HANDLING ASBESTOS CEMENT PIPE". AC PIPE REMOVED ON CONSTRUCTION PROJECTS FOR WHICH THIS IS REQUIRED IN LENGTHS OF 26 FEET OR LESS (26' LVL) SHOULD BE REMOVED AS SUCH PIPE IS BEING REMOVED AND CROSSING PIPES, CONDUITS, OR BOXES.
3. VALVE REMOVAL: WHEN THE CONTRACTOR IS TO ABANDON A WATER MAIN, THE CONTRACTOR SHALL VALVE LOCATED ON THE ABANDONED BRANCH WILL BE REMOVED AND REPLACED WITH CAP/LUGS. (NSPI)
4. DIVISION VALVES: DIVISION VALVES SHOWN ON PLANS OR NOT SHOWN BUT FOUND IN THE FIELD SHALL ONLY BE OPERATED BY SAWS DISTRIBUTION AND COLLECTION STAFF MEMBER ONLY WITH PRIOR WRITTEN APPROVAL OF THE SUPERVISOR OF PRODUCTION OPERATIONS AND PROPER COORDINATION WITH ALL SAWS DEPARTMENTS. CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE INSPECTOR A MINIMUM OF TWENTY-FIVE (25) CALENDAR DAYS IN ADVANCE TO START THE COORDINATION ON PRODUCTION OPERATIONS. PRIOR WRITTEN APPROVAL OF THE DIVISION VALVE WILL BE OPERATED BY THE SAWS DISTRIBUTION AND COLLECTION STAFF. THE DIVISION VALVE CAN ONLY BE OPERATED BY SAWS DISTRIBUTION AND COLLECTION STAFF MEMBER NOT THE INSPECTOR OR THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION. PRIOR WRITTEN APPROVAL OF THE SAWS DISTRIBUTION AND COLLECTION STAFF WILL CONSTITUTE A MATERIAL BREACH OF ANY WRITTEN SAWS CONTRACT OR PERMIT IN ADDITION TO SUBJECTING THE CONTRACTOR TO LIABILITY FOR ANY AND ALL DAMAGES AND COSTS INCURRED AS A RESULT OF, OR CONSEQUENTIAL, THAT MAY ARISE FROM OR BE CAUSED BY THE OPERATION OF THE VALVE WITHOUT PRIOR WRITTEN PERMISSION. PLEASE BE INFORMED THAT THE APPROVAL OF THE OPERATION OR OPENING OR CLOSING OF A VALVE OR VALVES CAN ONLY BE OBTAINED BY THE SAWS DISTRIBUTION VALVES WILL ALSO HAVE A VALVE ID LABELED DIVISION VALVE AND A LOCKING MECHANISM INSTALLED WITH A KEY. THE LOCK AND KEY MECHANISM WILL BE PAID FOR BY THE CONTRACTOR BUT WILL BE INSTALLED BY SAWS DISTRIBUTION AND COLLECTION STAFF.
5. IN ACCORDANCE WITH SAWS STANDARD SPECIFICATION 847, SAWS SHALL MACHINE CHLORINATE NEW WATER MAINS IF THE INTERCONNECTING WATER MAIN LENGTH IS GREATER THAN 800 FEET. CONTRACTOR SHALL CHLORINATE NEW MAINS WITH HTM IF THE INTERCONNECTING WATER MAIN LENGTH IS 800 FEET OR LESS.



GRAPHIC SCALE IN FEET

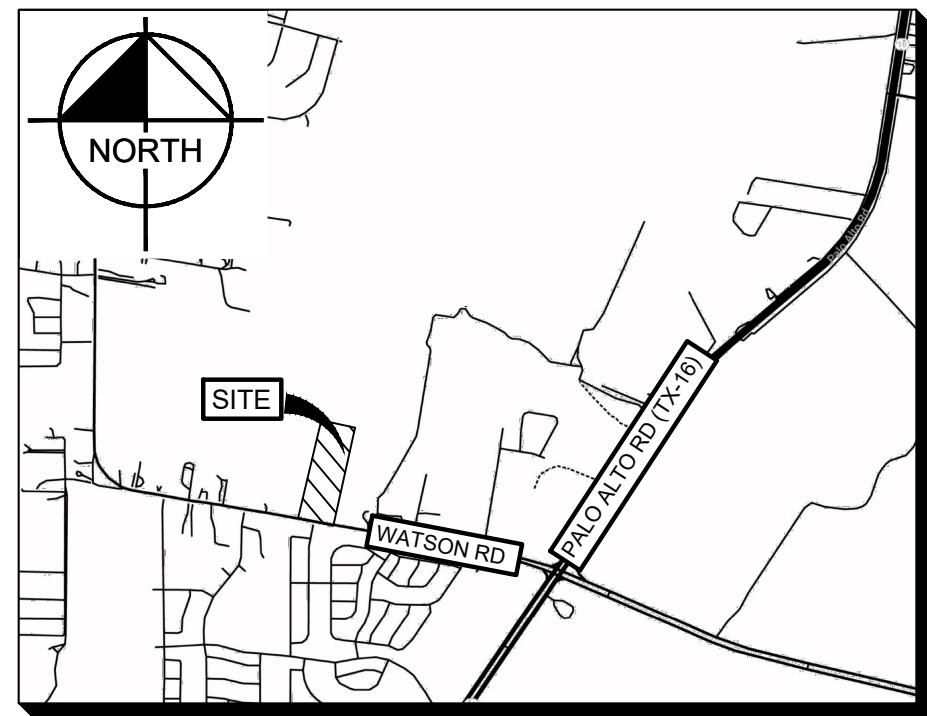
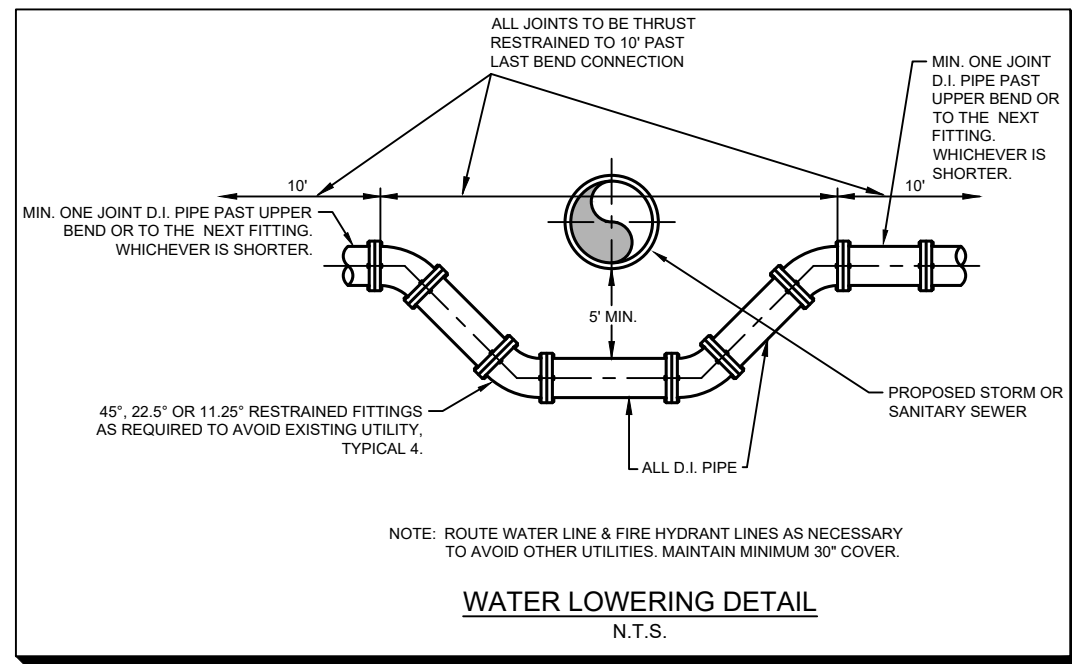


LEGEND

	PROPERTY LINE
SS	PROPOSED SANITARY SEWER LINE
 W	PROPOSED WATER LINE
	PROPOSED STORM DRAIN LINE
 S	PROPOSED SANITARY SEWER MANHOLE
 CI	PROPOSED CURB INLET
	PROPOSED FIRE HYDRANT

NOTES

1. REFER TO SAWS DESIGN GUIDELINES AND STANDARD CONSTRUCTION DETAILS FOR ALL UTILITY STANDARDS.
2. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTACT ENGINEER IF FIELD CONDITIONS VARY.
3. CONTRACTOR SHALL REFER AND ADHERE TO ALL TCEQ DESIGN GUIDELINES (CHAPTER 217 AND 290) FOR ALL UTILITY CROSSING REQUIREMENTS.



VICINITY MAP

SCALE: NTS

BENCHMARK LIST

TBM #10
LOCATED ON THE EAST SIDE OF SOUTH SYCAMORE STREET
APPROX. ±175 NORTH OF THE INTERSECTION OF SOUTH
SYCAMORE STREET AND STATE HIGHWAY LOOP NO. 256
ELEVATION: 569.91'



Know what's below.
Call before you dig.

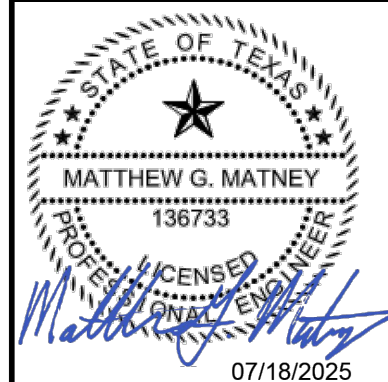
CAUTION!

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[illegible]

Kimley»Horn

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10101 REUNION PLACE, SUITE 400, SAN ANTONIO, TX 78216
PHONE : 210-541-9166 FAX : 210-541-9699
WWW.KIMLEY-HORN.COM TBPSE FIRM NO. 928



KHA PROJECT 068916908	DATE 7/18/2025	SCALE	AS SHOWN
		DESIGNED BY	CR
		DRAWN BY	CR
		CHECKED BY	MGM

WATER PLAN (2 OF 2)

CAMINO VALIENTE
PREPARED FOR
TTLE PROPERTY GROUP, INC.

TEXAS

SAN ANTONIO

SHEET NUMBER
C7.3

