

CHANGE ORDER

No.: 1

PROJECT	: Mt. Gilead	Road Bike/Pedestrian Trail	DATE OF I	SSUANCE :		
OWNER:	: City of Kel 1100 Bear Keller, TX	Creek Parkway	WORK ORI	DER DATE :		
			OWNER'S PRO	DJECT NO. :		
CONTRACT FOR	: Installation along Mt. (ers, LLC. of new bike/pedestrian trail Gilead Road from ugh Ln to Roanoke Road	E	ENGINEER :	Westwood PS, Inc. Neel-Schaffer, Inc.	
You are directed to	make the fo	llowing changes in the Contr	act Documents :			
Description :	current pro	he 6' wide sidewalk north alo oject limits to the driveway for materials and labor to comp ed grading	r 1447 Roanoke Road			
Purpose of Change	Order :	To continue the sidewalk no connect to recently complet providing increased pedestr	ed Overton Ridge Park			
Attachments (List do 1. Attachment No. 2 2. Attachment No. 2 3.	1 (Construct	ion Plans)				
CHANG	GE IN CON	TRACT PRICE :	Cł	HANGE IN CO	ONTRACT TIME :	
Original Contract Pr		5,969.22	Original Contract Time		calendar days	
Previous Change O		ers : 0.00	Net Change from previous Change Orders : - 0 -			
Contract Price Prior		nge Order : 6,969.22	Contract Time Prior to this Change Order : 270 calendar days			
Net Increase/ Decre		Change Order : 5,075.85	Net Increase/ Decrease of this Change Order : 40 calendar days			
Contract Price with	Contract Price with all approved Change Orders : \$703,045.07		Contract Time with all approved Change Orders : 310 calendar days			
Cumulative % Chan	•	act Price: 4.00%				
RECOMMENDED :		APPROVED	:	APPROVED) :	
by		by		by		
Engineer : Westwoo Ryley C. Paroulek, I		Owner: City o	of Keller	Contractor: Print Name:	Tejas Cutters, LLC.	
by						
Engineer : Neel-Sch Tommy J. Foster, P						

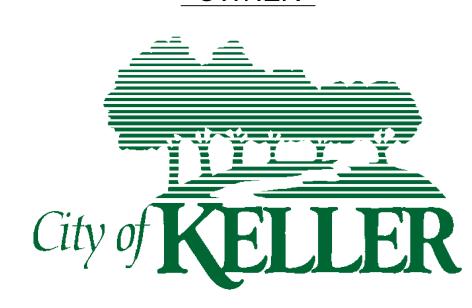
Attachment No. 1

CONSTRUCTION PLANS FOR

SIDEWALK ADDITIONS ROANOKE ROAD

FINAL DESIGN PLAN
CITY OF KELLER, TARRANT COUNTY, TEXAS
AUGUST 2025

OWNER



MAYOR ARMIN MIZANI

MAYOR PRO TEM ROSS McMULLIN

CITY COUNCIL
SHANNON DUBBERLY
GREG WILL
KAREN BRENNAN
TAG GREEN
CHRIS WHATLEY

PREPARED BY



PROJECT LOCATION

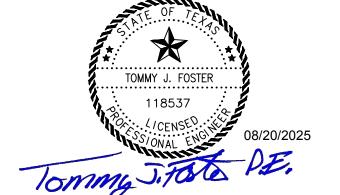
MINTEL

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VICINITY MAP (NOT TO SCALE)

SHEET INDEX

OTILLI	DEOORII TION
1	COVER SHEET
2	GENERAL NOTES & QUANTITIES
3	CONTROL PLAN
4	SIDEWALK PLAN & PROFILE - BEGIN TO STA. 4+00
5	SIDEWALK PLAN & PROFILE - STA. 4+00 TO END
6	CROSS SECTIONS
7	EROSION CONTROL PLAN
8	CONSTRUCTION DETAILS
9 - 12	CITY OF KELLER DETAILS
13 - 16	TXDOT DETAILS



TEXAS REG. No. F-2697

GENERAL NOTES:

- 1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE CITY OF KELLER STANDARDS AND SPECIFICATIONS.
- 2. WHERE THE CITY OF KELLER STANDARDS AND SPECIFICATIONS DO NOT COVER THE ITEM(S) OF WORK IN QUESTION, THE HIERARCHY TO BE FOLLOWED SHALL BE THESE PLANS, THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENT STANDARD SPECIFICATIONS STANDARD DRAWINGS, CURRENT EDITION, OR TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS AND BRIDGES, CURRENT EDITION. THE ENGINEER SHALL DETERMINE THE GOVERNING STANDARD AND/OR SPECIFICATION.
- 3. UTILITY CONTRACTOR AND STREET CONTRACTOR ARE TO NOTIFY ASSIGNED PUBLIC WORKS INSPECTOR, AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- 4. ALL FULL DEPTH RECLAMATION AREAS SHALL BE COMPACTED TO 98% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR METHOD (ASTM D-698).
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL. ALL CONSTRUCTION BARRICADING TO BE IN ACCORDANCE WITH THE TEXAS DEPARTMENT OF TRANSPORTATION'S CURRENT "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" GUIDELINES. WHEN WORK IS BEING PERFORMED ON PARKING LOTS.
- 6. MATERIAL DISPOSAL FOR CITY PROJECTS THE CONTRACTOR SHALL NOTIFY THE DIRECTOR OF PUBLIC WORKS IN WRITING OF PROPOSED MATERIAL DISPOSAL SITES TO BE UTILIZED OUTSIDE OF THE PROJECT LIMITS AND INSIDE OF THE CITY OF KELLER. THE NOTIFICATION SHALL INCLUDE THE LEGAL LOT/BLOCK, ADDITION DESCRIPTION AND ADDRESS OF THE PROPOSED SITE. THE DIRECTOR OF COMMUNITY SERVICES SHALL BE NOTIFIED TWO (2) WEEKS IN ADVANCE OF ANY MATERIAL BEING DEPOSITED. NO MATERIAL SHALL BE DISPOSED OF IN FEMA DEFINED FLOODPLAINS AND FLOODWAYS.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING, INSTALLING AND MAINTENANCE OF EROSION CONTROL MEASURES AS DIRECTED BY THE CITY ON ALL PROJECT SITES AS PART OF PAY ITEM "SWPPP. PREPARE. IMPLEMENT AND MAINTAIN" UNLESS THERE ARE SPECIFIC PAY ITEMS SET UP ON A PER PROJECT BASIS.
- 8. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN POSITIVE DRAINAGE ON THE SITE(S) AT ALL TIMES.
- 9. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED CITY CONSTRUCTION PERMITS FOR THE PROPOSED WORK.
- 10. CONTRACTOR IS REQUIRED TO PROVIDE PRE-CONSTRUCTION AND POST-CONSTRUCTION SURVEY SHOTS IN ASCII PT NO, NORTHING, EASTING, ELEVATION, DESCRIPTION FORMAT, ON A 20' MAXIMUM GRID AND AT ALL BREAK POINTS. CONTRACTOR TO PROVIDE PRE-CONSTRUCTION SURVEYS TO CITY 7 DAYS PRIOR TO THE START OF CONSTRUCTION.
- 11. AS-BUILT DRAWINGS ANNOTATING MEASUREMENTS REQUIRED PRIOR TO PROCESSING FINAL PAYMENT.
- 12. CONTRACTOR TO PROVIDE FLOOD PLAIN AND FLOODWAY DEVELOPMENT PERMIT APPLICATION WITH PRE-CONSTRUCTION SURVEYS.
- 13. EXISTING UTILITIES SHOWN ARE FROM RECORD DRAWINGS, UTILITIES ONE CALL OR OTHER INFORMATION PROVIDED AND ARE APPROXIMATE. OTHER UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THE DRAWINGS THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING ALL UTILITIES MARKED IN THE FIELD WHICH MAY BE AFFECTED BY THE PROPOSED WORK. ANY DAMAGE TO EXISTING UTILITIES BY THE CONTRACTOR'S WORK WILL BE REPAIRED TO PRE-DAMAGE CONDITION OR BETTER AT THE CONTRACTOR'S EXPENSE.
- 14. ANY DAMAGE TO ANY PORTION OF THE IRRIGATION LINES, SLEEVES, SPRINKLER HEADS, VALVES AND/OR CONTROL BOXES SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE TO THE SATISFACTION OF THE CITY. MATERIALS SHALL BE THE SAME, OR EQUAL TO EXISTING OR AS INDICATED IN THE ORIGINAL IRRIGATION PLANS FROM THE RECORD DRAWINGS. A COPY OF WHICH SHALL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING. REPAIRS MUST BE MADE WITHIN THREE DAYS OF THE BREAK TO RESTORE THE SYSTEM FUNCTION.
- 15. ALL NEW OR REPLACEMENT SIDEWALK/BARRIER FREE RAMPS SHALL BE CLASS C CONCRETE 3600 PSI @ 28 DAY, SIX INCH THICK WITH #3 BARS @ 18" EACH WAY FOR REINFORCEMENT PER DETAIL.
- 16. ALL SAWCUTS SHALL BE FULL DEPTH AND SHALL BE COST ABSORBED.
- 17. CONTRACTOR SHALL PROVIDE FOR NON-DESTRUCTIVE METHODS FOR LOCATING EXISTING WATER AND/OR SEWER LINES WHICH CROSS THE PROJECT AND DETERMINE DEPTHS OF SAID UTILITIES.
- 18. CONTRACTOR SHALL INSTALL GROUND PROTECTION MATS TO COVER ALL EXISTING CONCRETE OR BRICK PAVEMENT THAT IS TO REMAIN DURING CONSTRUCTION.
- 19. ALL ITEMS OF WORK, ALL NECESSARY EQUIPMENT, ALL MATERIALS AND SUPPLIES, ALL LABOR AND SUPERVISION FOR THIS PROJECT SHALL BE COMPLETED PER THE UNIT BID PAY ITEMS INCLUDED IN THE PROPOSAL OR SHALL BE CONSIDERED SUBSIDIARY TO OTHER BID ITEMS IN SAID PROPOSAL.
- 20. IT IS THE INTENT OF THESE PLANS, FOR THESE SPECIFIC SITES TO PROVIDE A SIDEWALK AT THE RELATIVE SAME GRADE AS EXISTING AND TO MAINTAIN EXISTING DRAINAGE PATTERNS. THE EXISTING TOPOGRAPHIC MAPPING WILL BE PROVIDED TO THE CONTRACTOR. A FINAL AS BUILT SURVEY, IN PDF AND DIGITAL FORMAT (EITHER AUTOCAD CIVIL 3D OR MICROSTATION OPEN ROADS FORMAT) SHALL BE PROVIDED BY THE CONTRACTOR UPON COMPLETION OF THE WORK.
- 21. THE CONTRACTOR SHALL COORDINATE THE PROPOSED WORK SCHEDULE WITH THE DIRECTOR OF COMMUNITY SERVICES OR HIS DESIGNEE AND SHALL ADJUST THEIR PROPOSED WORK SCHEDULE AS REQUIRED TO ACCOMMODATE THE CITY.

City of Keller Roanoke Road **Construction Quantities**

Pay Item	Description of Items	Unit	Spec. Sect.	Total
1	Barricades, Signs, and Traffic Handling	LS	TxDOT 502	1
2	Construction Staking	LS	NCTCOG 105.4	1
3	Temporary Erosion, Sedimentation and Water Pollution Prevention (SWPPP)	LS	NCTCOG 202	1
4	Solid Block Sodding	SY	NCTCOG 204.5	576
5	4" Concrete Sidewalk	SY	NCTCOG 305.2	439
6	Excavation (Special)	CY	NCTCOG 203.2	91
7	Embankment (Final)(dens cont)(Ty a)	CY	NCTCOG 203.5	43
8	Remove and Relocate Sign	EA	TxDOT 644	1
9	Remove and Replace Asphault Driveway	SF	TxDOT 351	334
10	12" Corrugated Metal Pipe	LF	TxDOT 460	21
11	Remove Tree, less than 12"	EA		8
12	Remove Tree, 12"-18"	EA		10
13	Remove Tree, 18"-24"	EA		1
14	Remove or Relocate Mailbox Assemblies (Traditional)	EA	TxDOT 560	1
15	Remove or Relocate Mailbox Assemblies (Brick)	EA	TxDOT 560	1
16	PED Rail	LF		45
17	Turn Down Footing	LF		45

LEGEND EXISTING

EXIST SANITARY SEWER LINE EXIST WATER LINE EXIST CONTOUR

CONCRETE PAVING

FEMA FLOODPLAIN BOUNDARY

WATER VALVE **IRRIGATION VALVE** WATER METER POWER POLE

POWER POLE ELECTRIC RISER FIRE HYDRANT LIGHT POLE ACCESSIBLE SPACE CONTROL POINT 5/8" CIRS

BENCHMARK SIGN

TREE

LEGEND PROPOSED

PROPOSED SIDEWALK

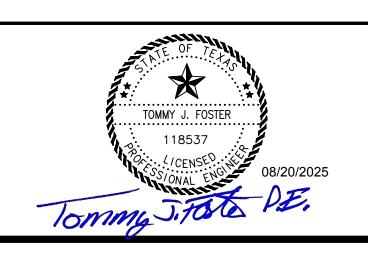
NOTICE TO DRAWING HOLDER NEEL-SCHAFFER, INC., HEREINAFTER REFERRED TO AS THE

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REVISIONS				DRAWING	INFORMATION	
NO.	DATE	BY	DESCRIPTION	N-S PROJECT NO	.: 00.19028	
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				SURVEYED BY:	NSI	
				DSGN: TF	DATE: 7/15/25	
				DRWN: CM	DATE: 7/15/25	
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				QA/QC:	DATE: 7/15/25	

CITY OF KELLER

SIDEWALK ADDITIONS FY 24-25

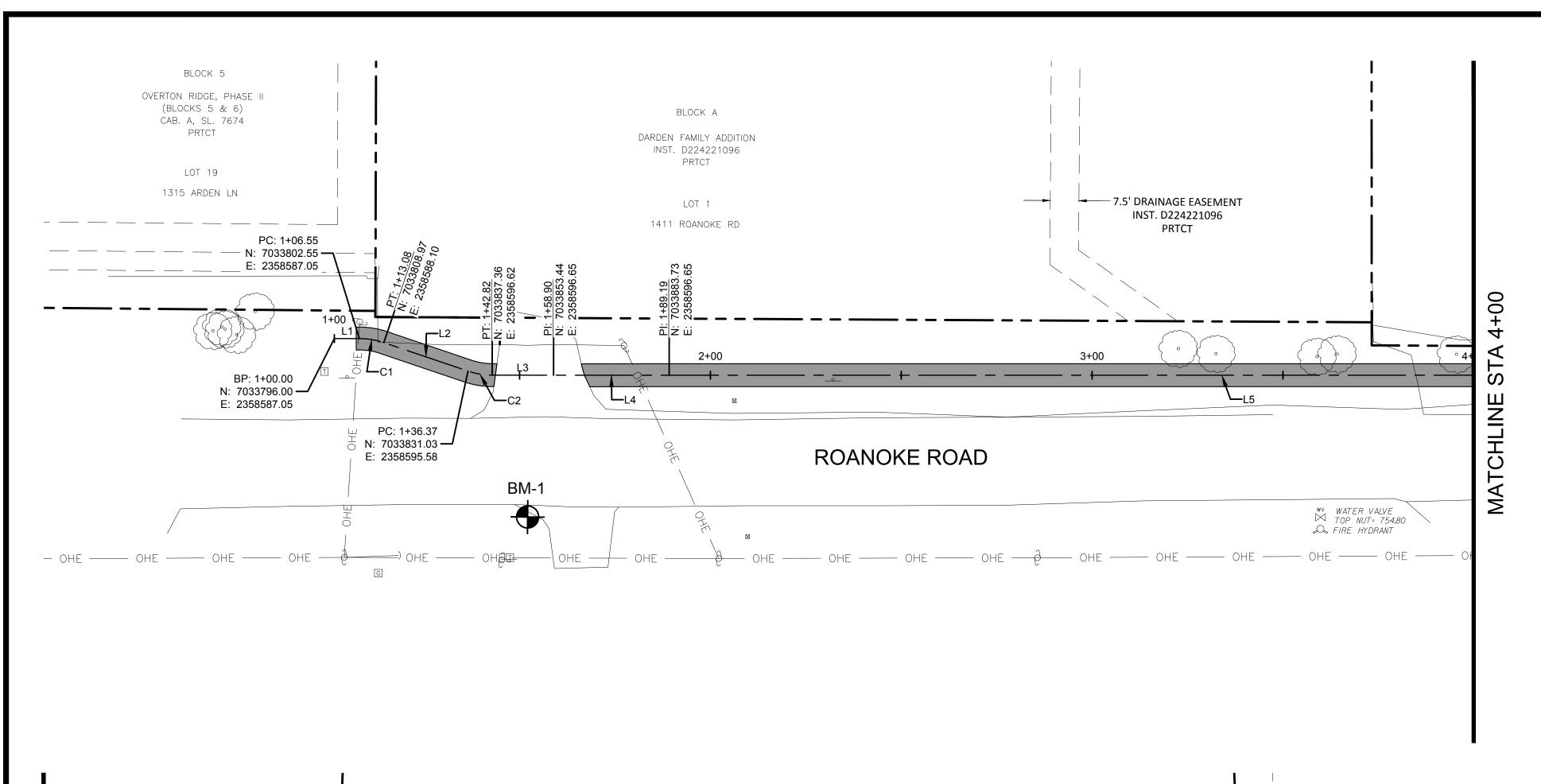




TBPE FIRM NO. F-2697

GENERAL NOTES & QUANTITIES

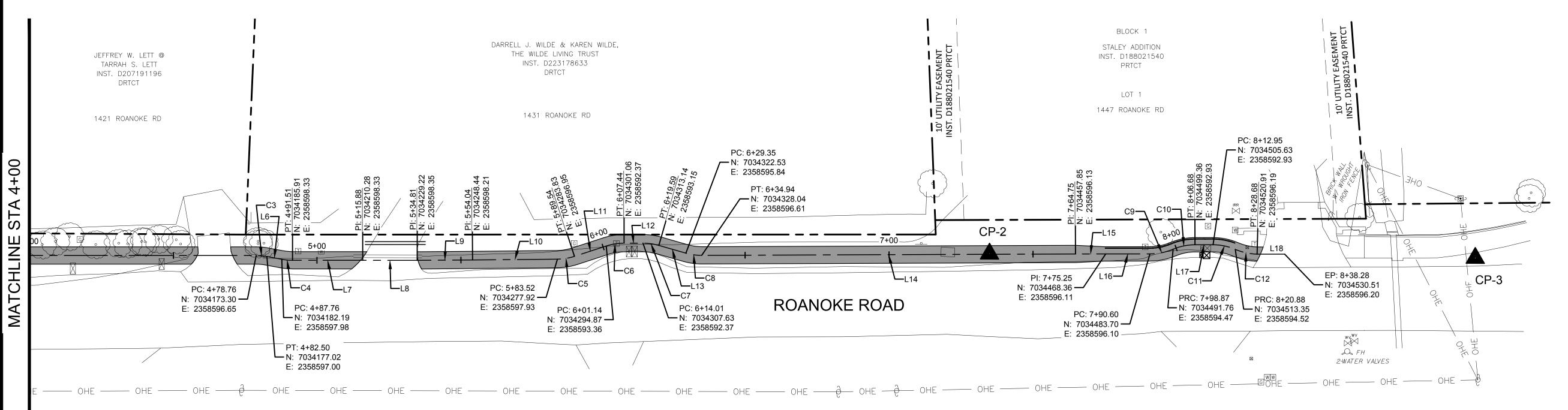
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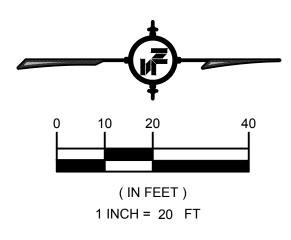


ROANOKE ROAD - LINE & CURVE TABLE					
NUMBER	NUMBER LENGTH RADIUS LINE/CHORD DIRECTION			DELTA	TANGEI
L1	6.55		N0° 00' 00.00"E		
C1	6.5	20.00	N9° 21' 25.32"E	18°42'51"	3.30
L2	23.29		N18° 42' 50.64"E		
C2	6.4	19.84	N9° 24' 09.35"E	18°37'23"	3.25
L3	16.08		N0° 05' 28.06"E		
L4	30.29		N0° 00' 00.00"E		
L5	289.56		N0° 00' 00.00"E		
C3	3.7	19.93	N5° 22' 26.93"E	10°46'00"	1.88
L6	5.26		N10° 43' 10.23"E		
C4	3.7	20.00	N5° 21' 46.88"E	10°43'34"	1.88
L7	24.37		N0° 00' 00.00"E		
L8	18.94		N0° 03' 02.02"E		
L9	19.23	_	N0° 23' 32.81"W	_	
L10	29.48		N0° 32' 41.46"W		
C5	6.0	20.00	N9° 25' 27.17"W	17°14'05"	3.03

ROANOKE ROAD - LINE & CURVE TABLE								
NUMBER	LENGTH	DELTA	TANGENT					
L11	11.60		N18° 02' 29.79"W					
C6	6.3	20.00	N9° 01' 14.89"W	18°02'30"	3.18			
L12	6.57		N0° 00' 00.00"E					
C7	5.6	20.00	N7° 59' 51.70"E	15°59'43"	2.81			
L13	9.76		N15° 59' 43.40"E					
C8	5.6	20.00	N7° 59' 51.70"E	15°59'43"	2.81			
L14	129.81		N0° 12' 52.70"W					
L15	10.51		N0° 06' 34.83"W					
L16	15.34		N0° 01' 47.37"W					
C9	8.3	20.83	N11° 24' 48.17"W	22°46'02"	4.19			
C10	7.8	19.75	N11° 28' 34.52"W	22°38'29"	3.95			
L17	6.27		N0° 00' 00.00"E					
C11	7.9	19.50	N11° 39' 26.71"E	23°18'53"	4.02			
C12	7.8	20.50	N12° 25' 14.47"E	21°47'18"	3.95			
L18	9.60		N0° 02' 34.92"E					

CONTROL POINTS							
NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION			
BM-1	7033846.6444	2358633.7988	770.6527	RDM 5/8" CIRS			
CP-2	7034427.9789	2358596.0582	739.7213	RDM 5/8" CIRS			
CP-3	7034596.6839	2358597.5415	739.2295	RDM 60D NAIL			





LEGEND:

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BENCHMARK

CONTROL POINT

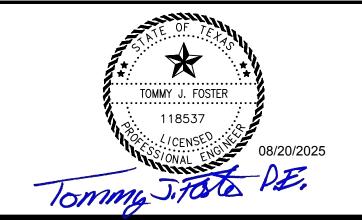
NOTICE TO DRAWING HOLDER

NEEL—SCHAFFER, INC., HEREINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

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CITY OF KELLER

SIDEWALK ADDITIONS FY 24-25

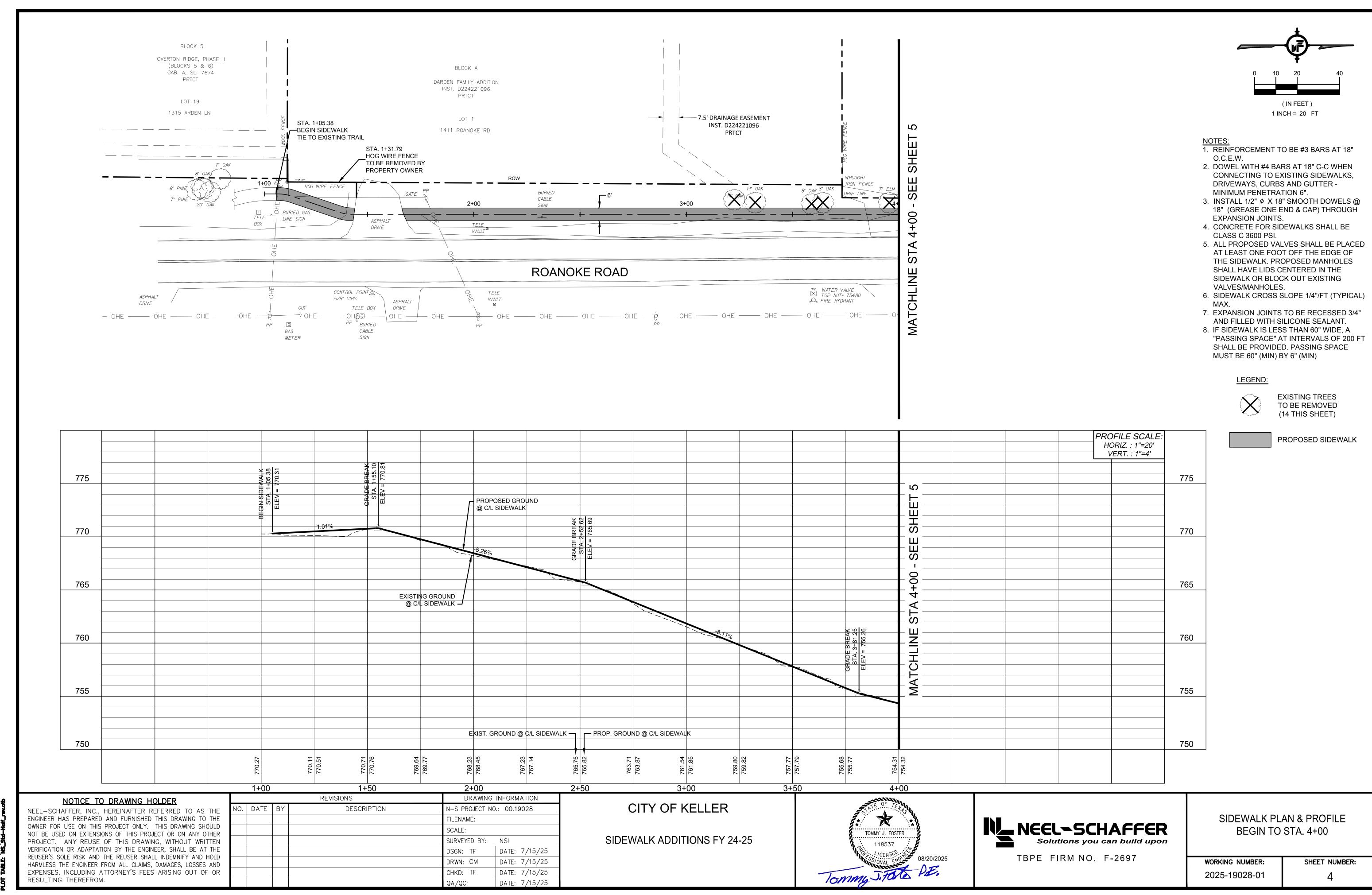


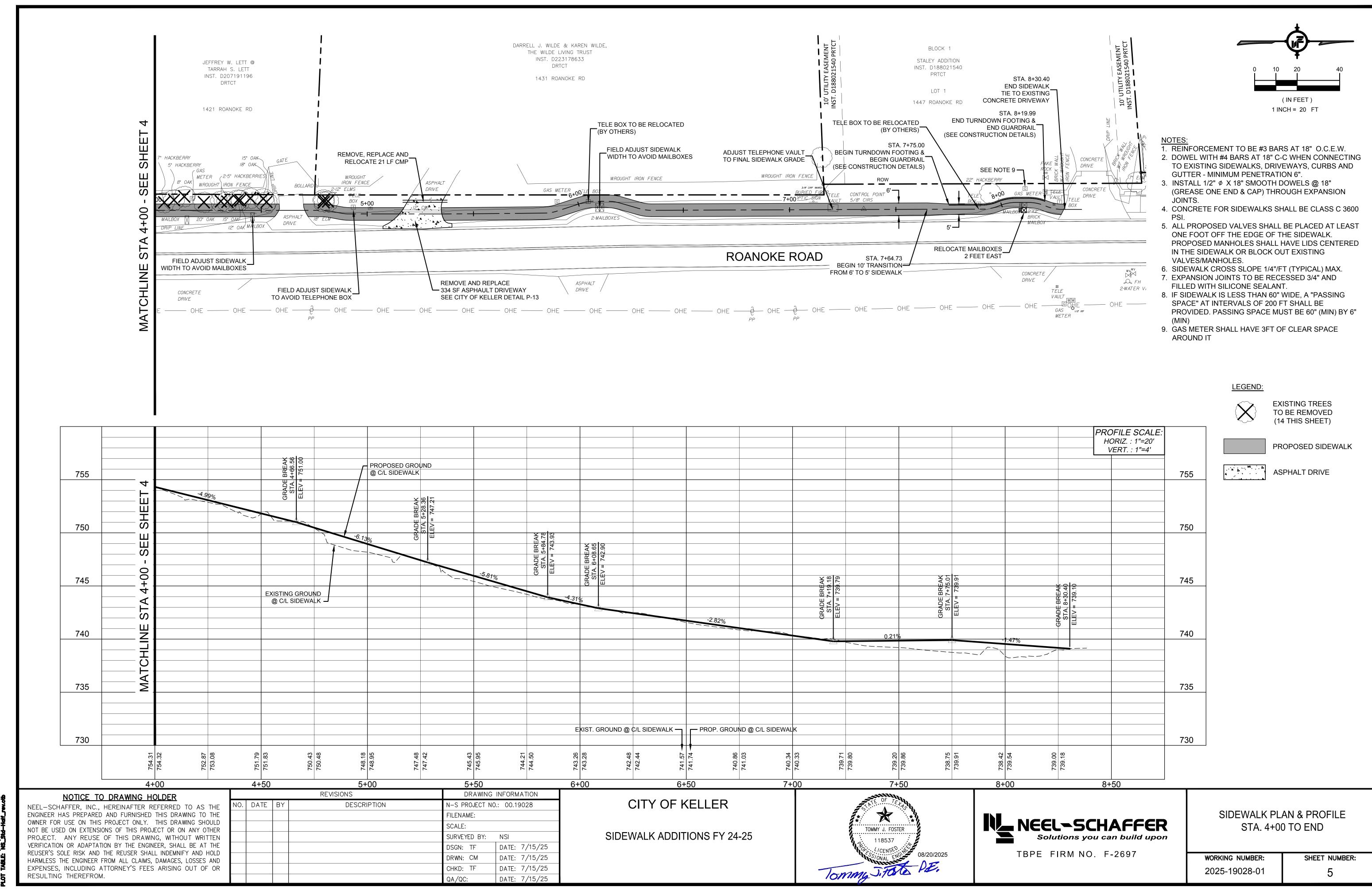
NEEL-SCHAFFER Solutions you can build upon
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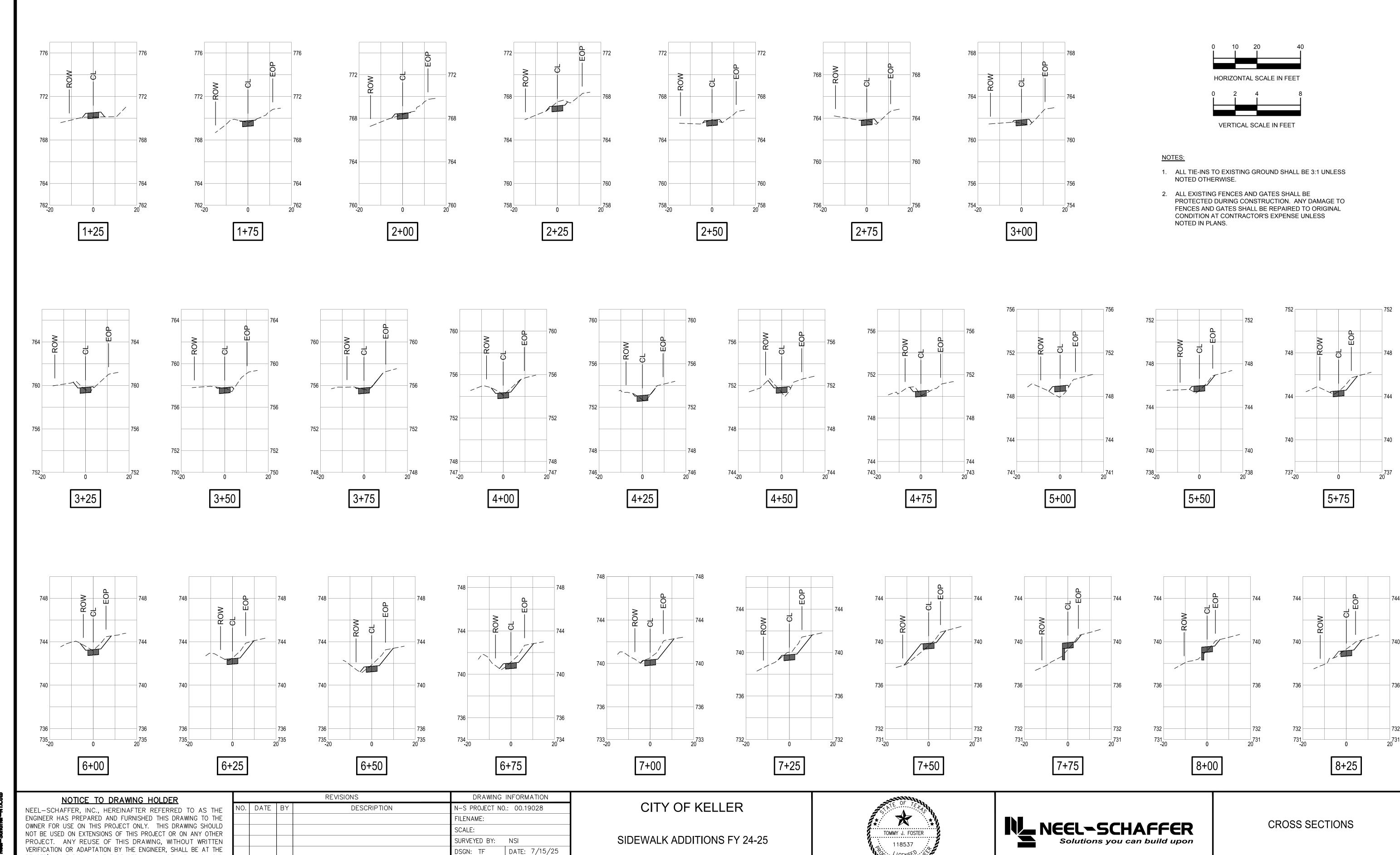
TBPE FIRM NO. F-2697

CONTROL PLAN

WORKING NUMBER: SHEET NUMBER: 2025-19028-01







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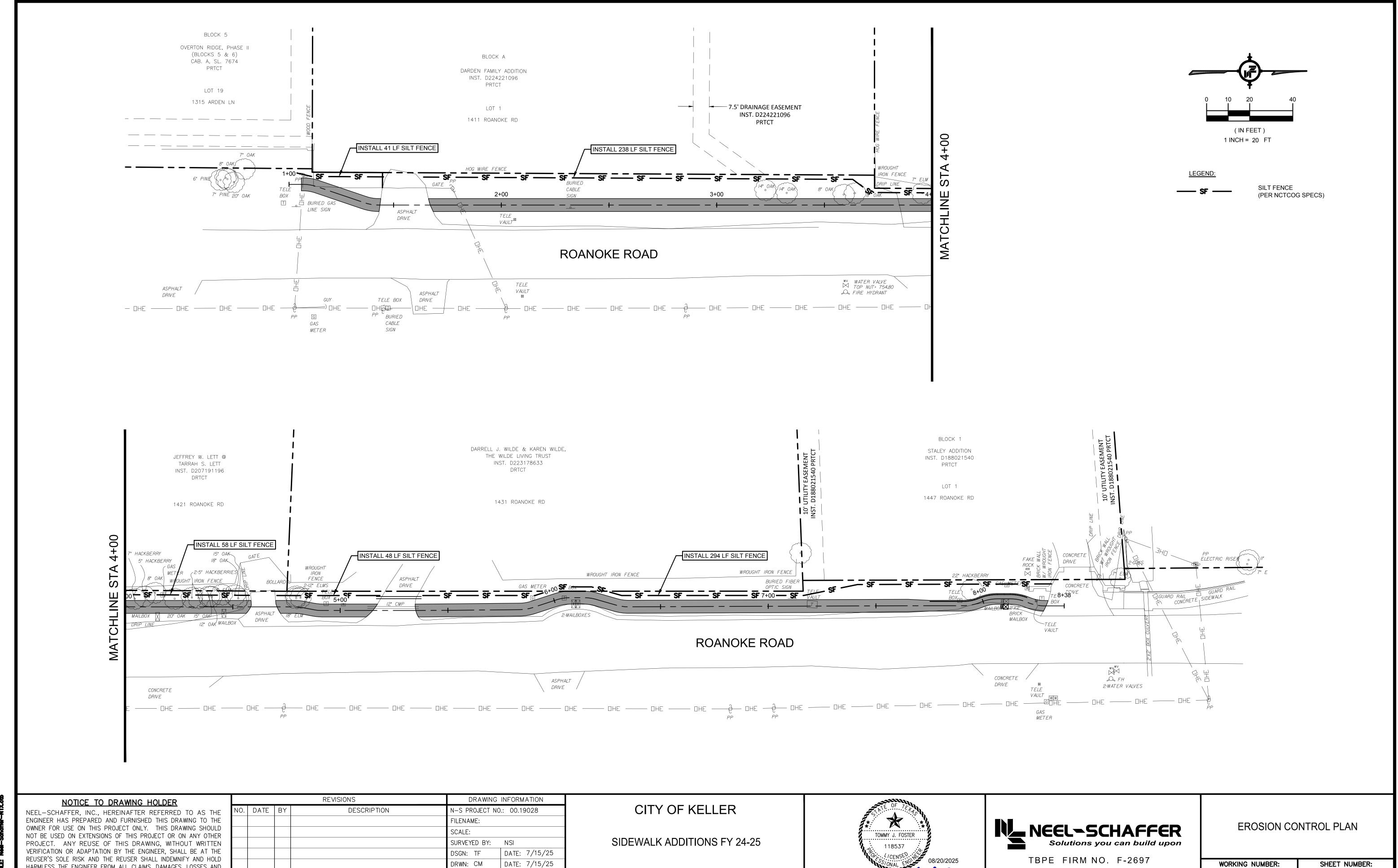
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REUSER'S SOLE RISK AND THE REUSER SHALL INDEMNIFY AND HOLD

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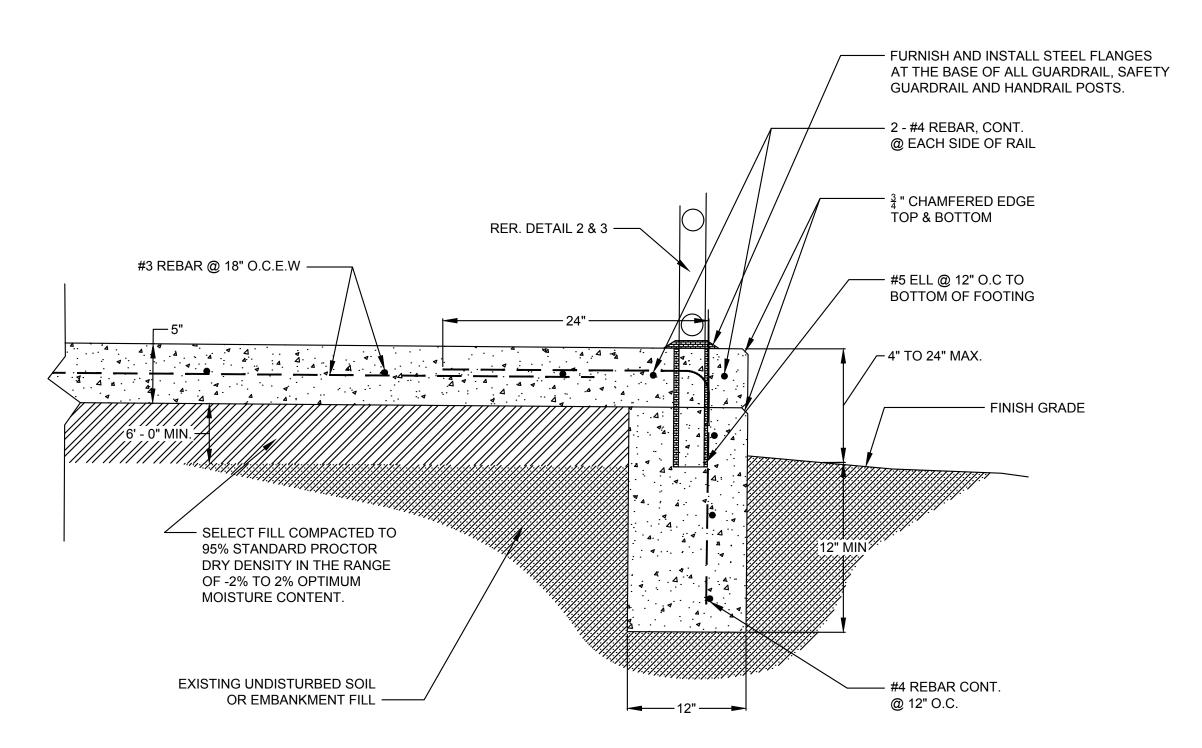
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DATE: 7/15/25

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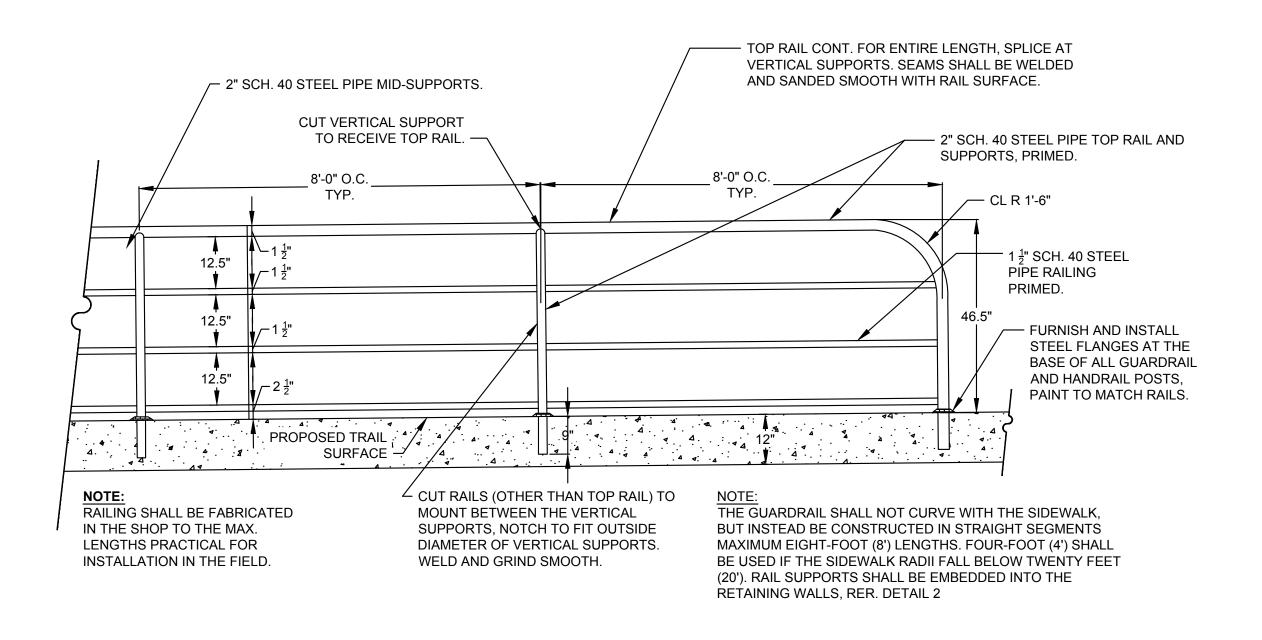
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SECTION: ELEVATED PVMT. W/ 12" TURNDOWN FOOTING & GUARDRAIL SCALE: NTS

- 2" SCH 40 STEEL PIPE FOR TOP RAIL & VERTICAL SUPPORTS. $-1\frac{1}{2}$ " SCH 40 STEEL PIPE FOR PĪPE RAILING, PRIMED — FURNISH AND INSTALL STEEL FLANGES AT THE BASE OF ALL GUARDRAIL, SAFETY GUARDRAIL AND HANDRAIL POSTS, PAINT TO MATCH RAILS. 12.5" SET GUARDRAIL VERTICAL SUPPORTS USING A QUICK SETTING NON-SHRINK TRAIL SURFACE 3/4" CHAMFER, TYP. 3" SCH 10 STEEL SLEEVE, 9" LONG OR CORE. RER. DETAIL 3 FOR ELEVATION.





3 ELEVATION: GUARDRAIL
SCALE: NTS

NOTE:
PAINT RAILS TO MATCH
OVERTON RIDGE PARK RAILS

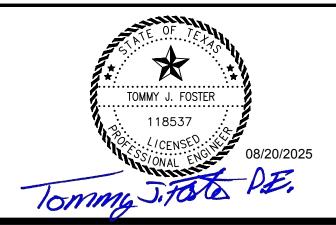
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CITY OF KELLER

SIDEWALK ADDITIONS FY 24-25

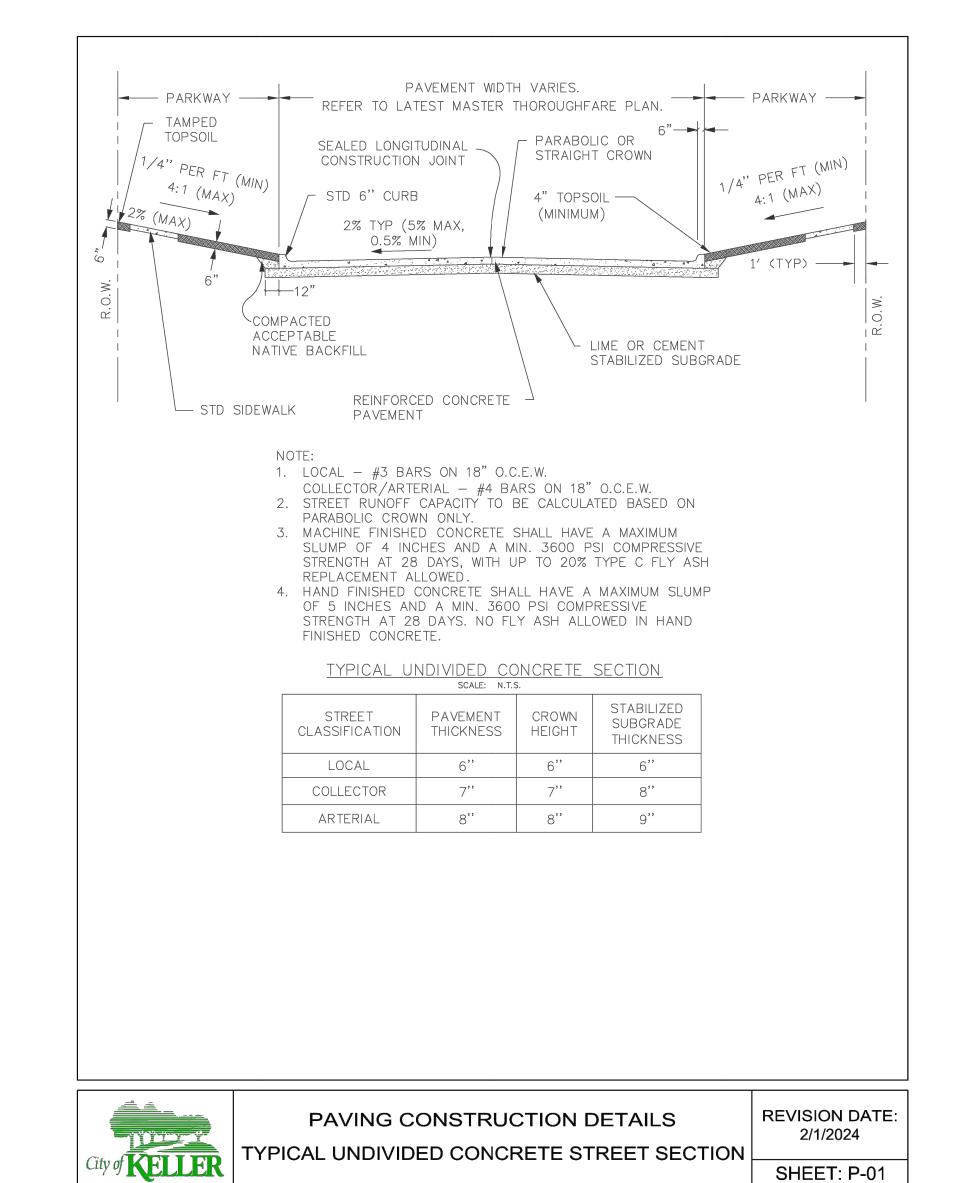


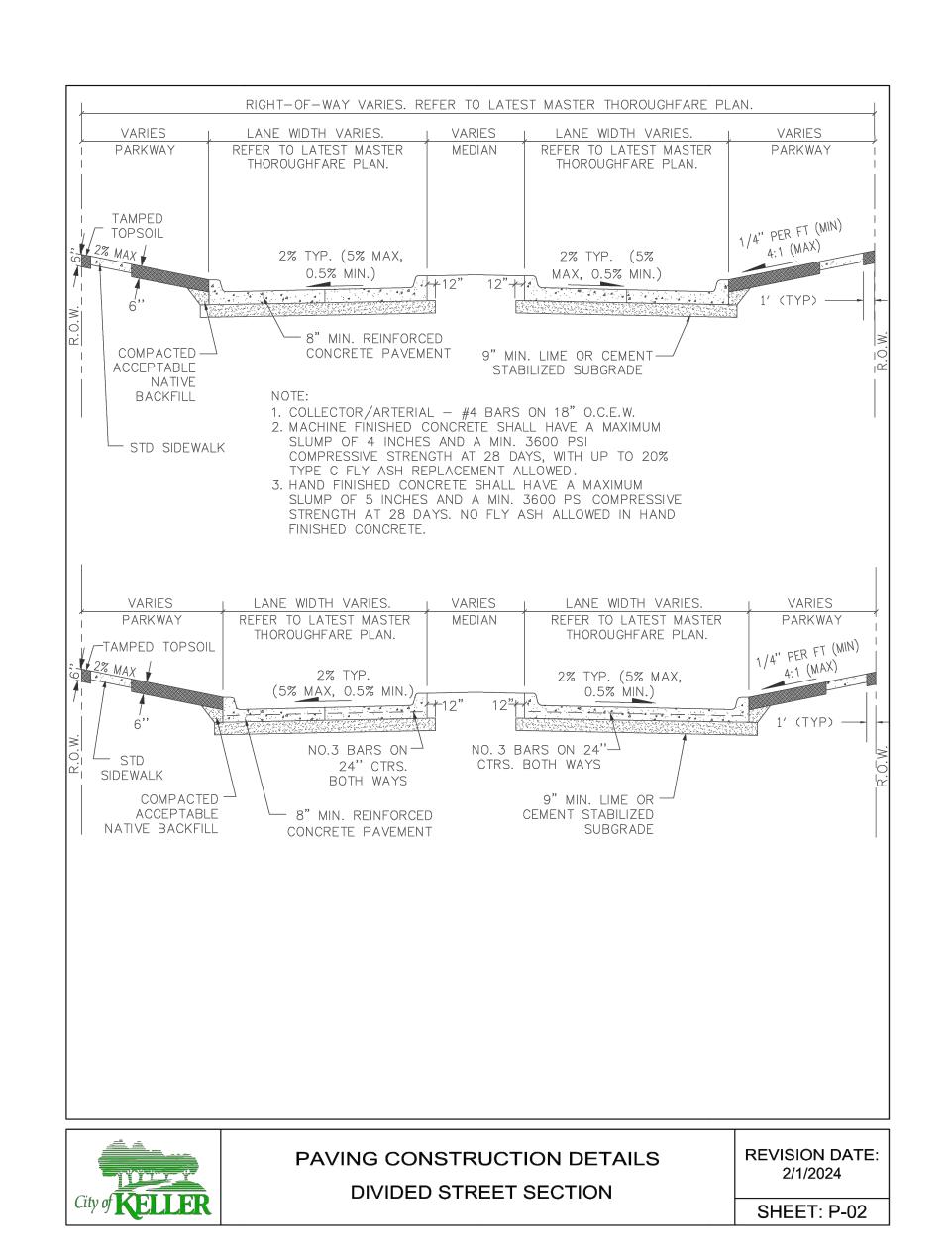
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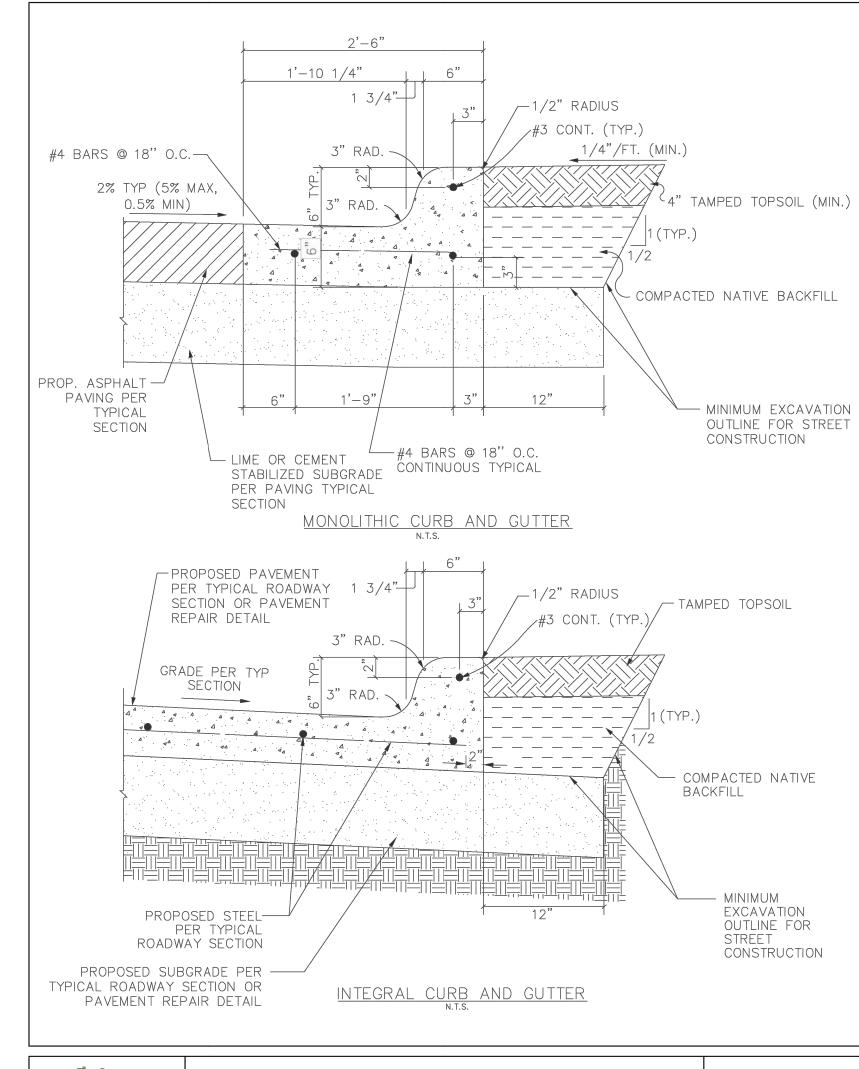
TBPE FIRM NO. F-2697

CONSTRUCTION DETAILS

WORKING NUMBER: SHEET NUMBER: 2025-19028-01 8







PAVING CONSTRUCTION DETAILS STANDARD CURB & GUTTER

REVISION DATE: 2/1/2024 SHEET: P-05

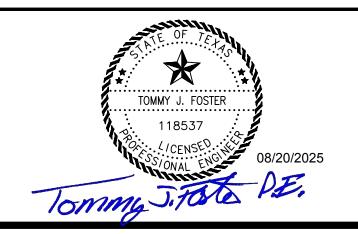
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CITY OF KELLER

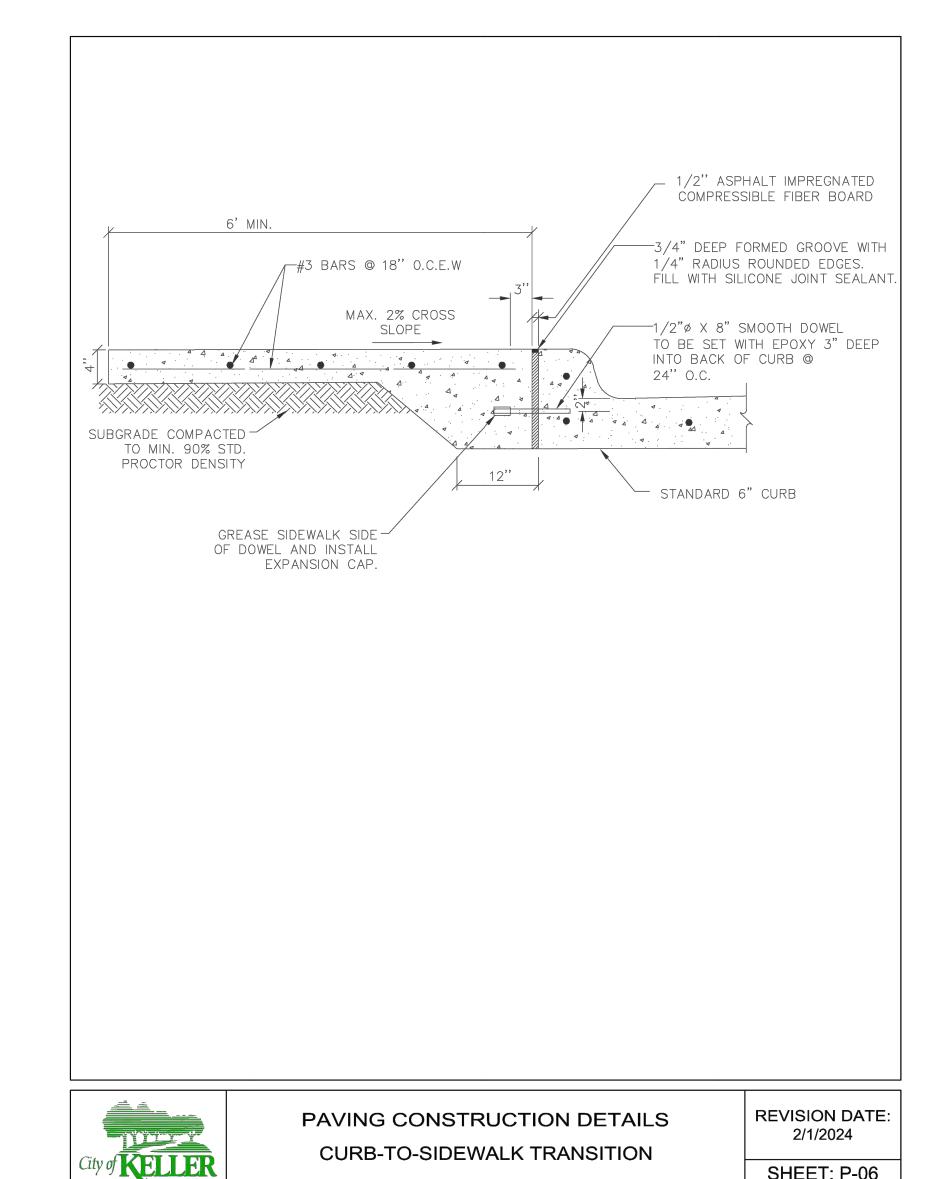
SIDEWALK ADDITIONS FY 24-25

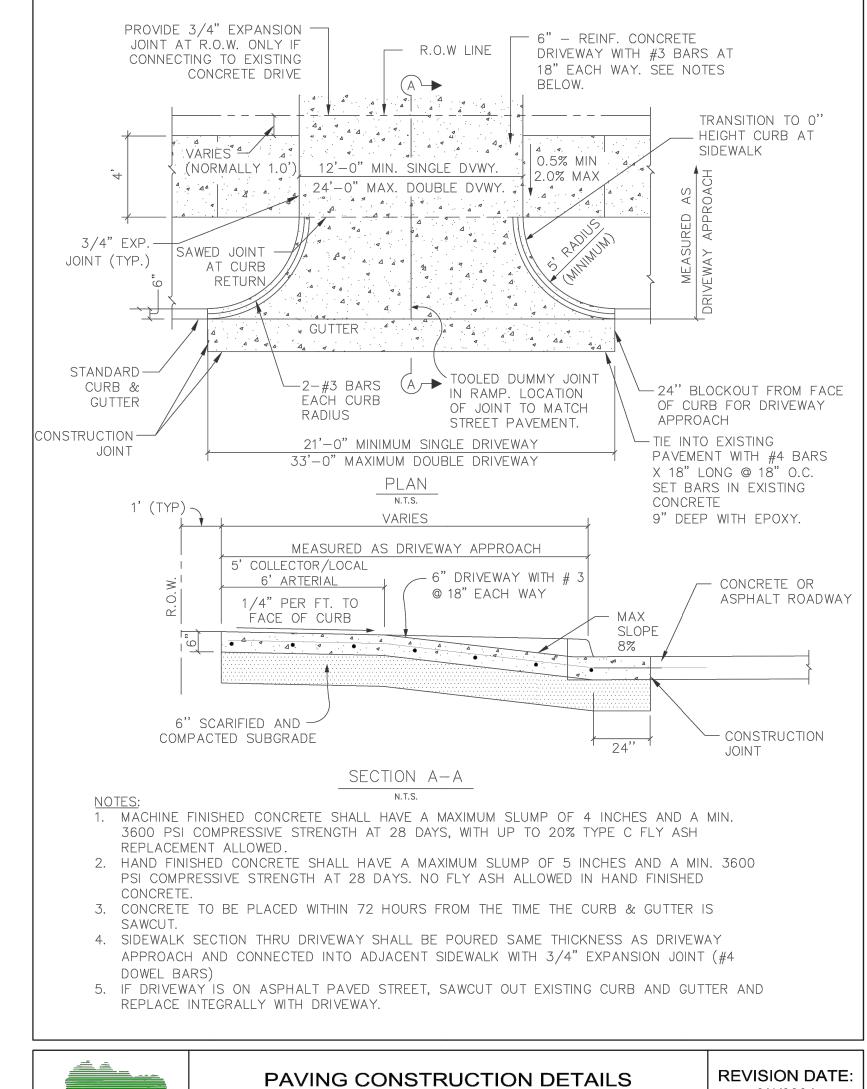




CITY OF KELLER DETAILS

ORKING NUMBER:	SHEET NUMBER:
025-19028-01	9







STANDARD RESIDENTIAL DRIVEWAY APPROACH

2/1/2024 SHEET: P-11

DRIVE APPROACH 12' REINFORCEMENT BARS AT 18" ON CENTER BOTH WAYS UNLESS APPROVED OTHERWISE. PROPERTY LINE : MIN. CROSS - EDGE OF ASPHALT CULVERT PIPE TO BE 18 INCH DIAMETER EDGE TO BE OR LARGER. PIPE TO BE REINFORCED STRAIGHT CONCRETE OR HDPE. SAFETY END ALL DISTURBED AREAS SHOULD -TREATMENTS TO BE PER CITY DETAIL OR BE SODDED TO RESIST EROSION TXDOT APPROVED (BOTH ENDS). SOD SHALL BE WATERED UNTIL ESTABLISHED APPROACH DOWNSTREAM UPSTREAM ─NEW CULVERT FLOWLINE OF PIPE DITCH NOTE: UPSTREAM AND DOWNSTREAM GRADING IN 18" DIA. (OR LARGER) ROADWAY DITCH IS PROPERTY OWNER'S RESPONSIBILITY CONCRETE PIPE WITH SAFETY DURING DRIVE APPROACH INSTALLATION. END TREATMENT (BOTH ENDS) PROFILE PROPOSED DRIVE APPROACH -EDGE OF ASPHALT PAVEMENT SURFACE -ROADWAY PROPERTY LINE — 1/4" PER FT., TUUUUU 1/4 EXISTING DRIVE -EDGE WHERE DRIVE APPROACH MEETS PAVEMENT TO BE STRAIGHT. BACKFILL IN DITCH TO BE --CULVERT PIPE COMPACTED TO 95% OF STD (18" DIAMETER OR LARGER) PROCTOR MAXIMUM DENSITY PER ELEVATION ASTM D698 1. ALL CULVERT PIPE TO BE NEW (NOT PREVIOUSLY USED). 2. DIAMETER OF CULVERT PIPE TO BE DETERMINED BY THE DRAINAGE STUDY/ GRADING PLAN SUBMITTED WITH THE PLAT OR BUILDING PERMIT. 3. FUTURE MAINTENANCE OF THE DRIVE APPROACH AND CULVERT PIPE IS THE PROPERTY OWNER'S RESPONSIBILITY. 4. ALL DITCH GRADING UPSTREAM AND DOWNSTREAM OF THE PROPOSED DRIVEWAY CULVERT IS THE PROPERTY OWNER'S RESPONSIBILITY. 5. ENTIRE DITCH AREA TO BE COVERED WITH GRASS SOD OR BE STABILIZED WITH CURLEX TYPE PRODUCT AND SEEDED BEFORE FINAL CITY INSPECTION ON DRIVE APPROACH IS SCHEDULED.

City of KELLER

CURB ON DRIVE

APPROACH IS OPTIONAL

PAVING CONSTRUCTION DETAILS RURAL DRIVE APPROACH WITH CULVERT **REVISION DATE:** 2/1/2024

COMPRESSIVE STRENGTH WITH #3

SHEET: P-13

NOTICE TO DRAWING HOLDER

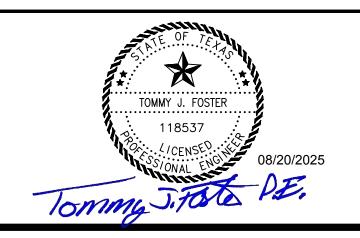
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REVISIONS	DRAWING	INFORMATION	
DESCRIPTION	N-S PROJECT NO.: 00.19028		
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	SCALE:		
	SURVEYED BY:	NSI	
	DSGN: TF	DATE: 7/15/25	
	DRWN: CM	DATE: 7/15/25	
	CHKD: TF	DATE: 7/15/25	
	QA/QC:	DATE: 7/15/25	
		DESCRIPTION N-S PROJECT NO FILENAME: SCALE: SURVEYED BY: DSGN: TF DRWN: CM CHKD: TF	

SHEET: P-06

CITY OF KELLER

SIDEWALK ADDITIONS FY 24-25

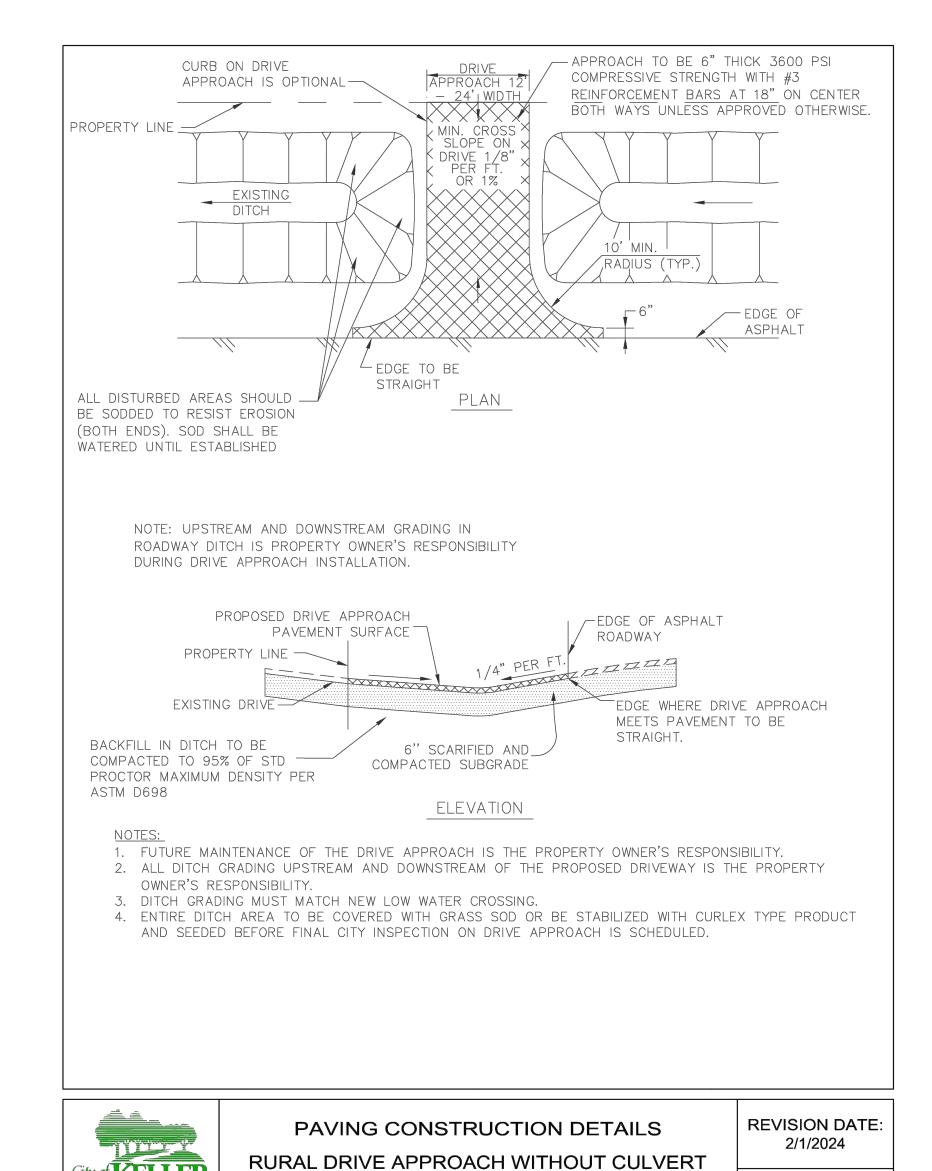


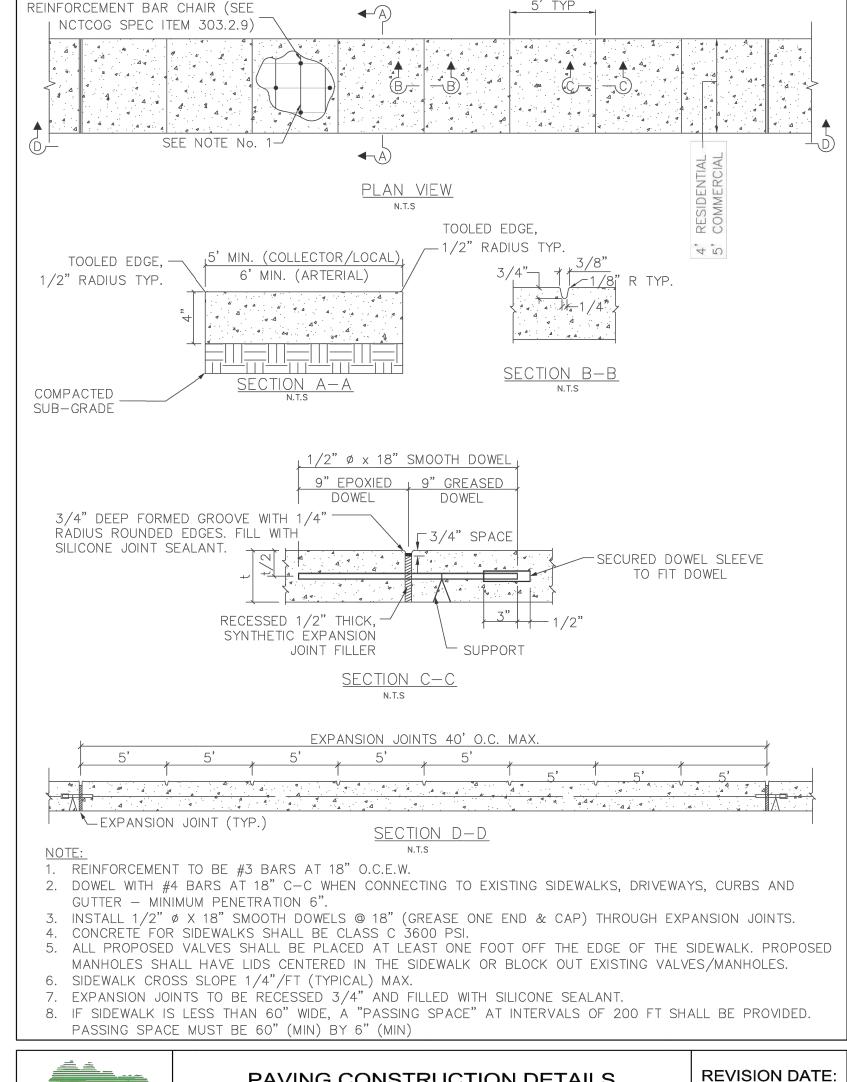


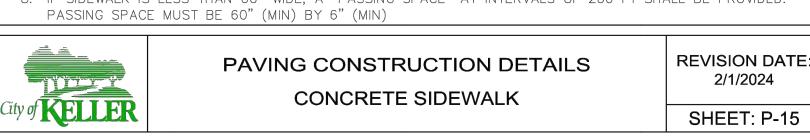
TBPE FIRM NO. F-2697

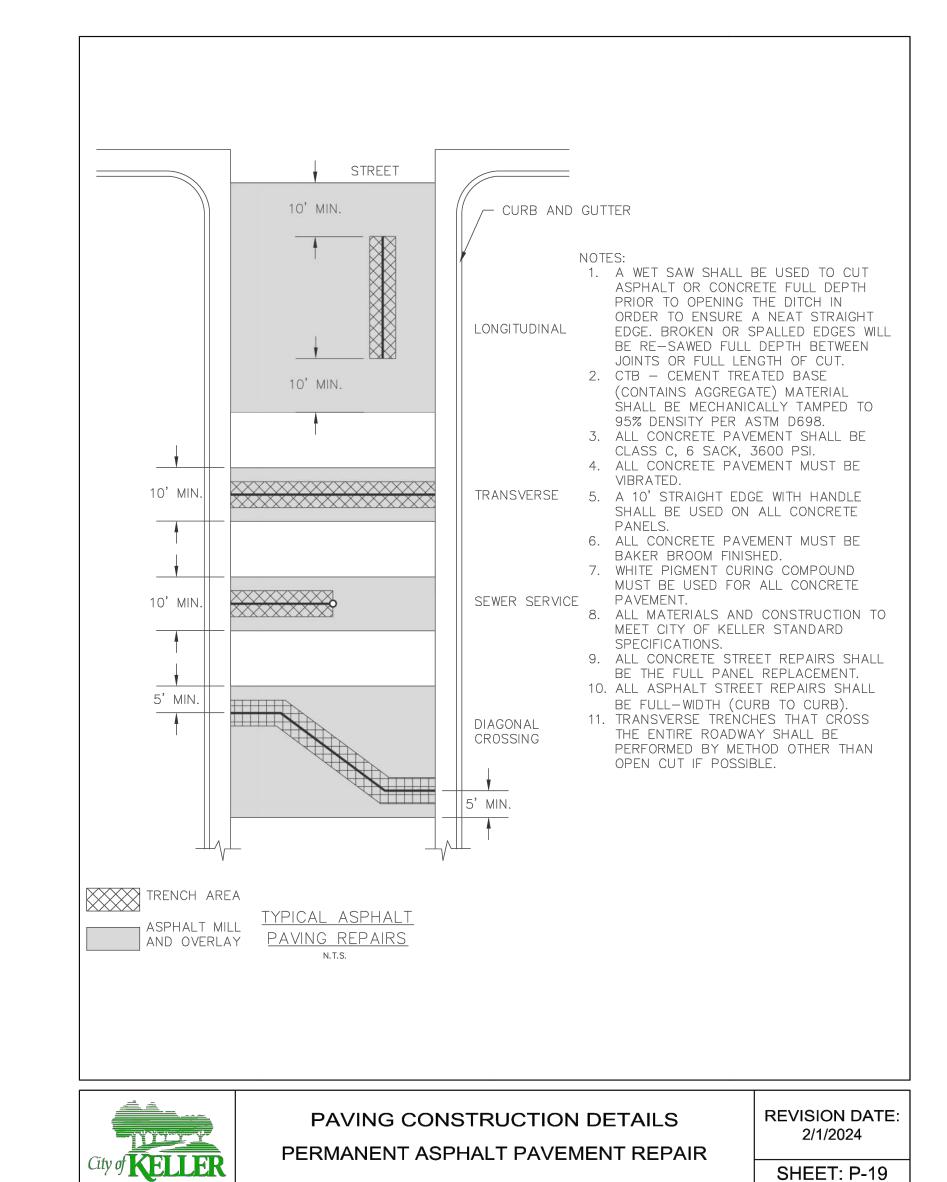
CITY OF KELLER DETAILS

WORKING NUMBER: SHEET NUMBER: 2025-19028-01









NOTICE TO DRAWING HOLDER

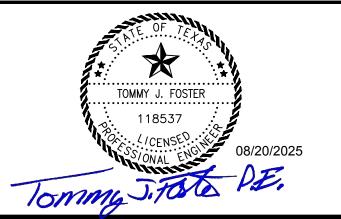
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SHEET: P-14

CITY OF KELLER

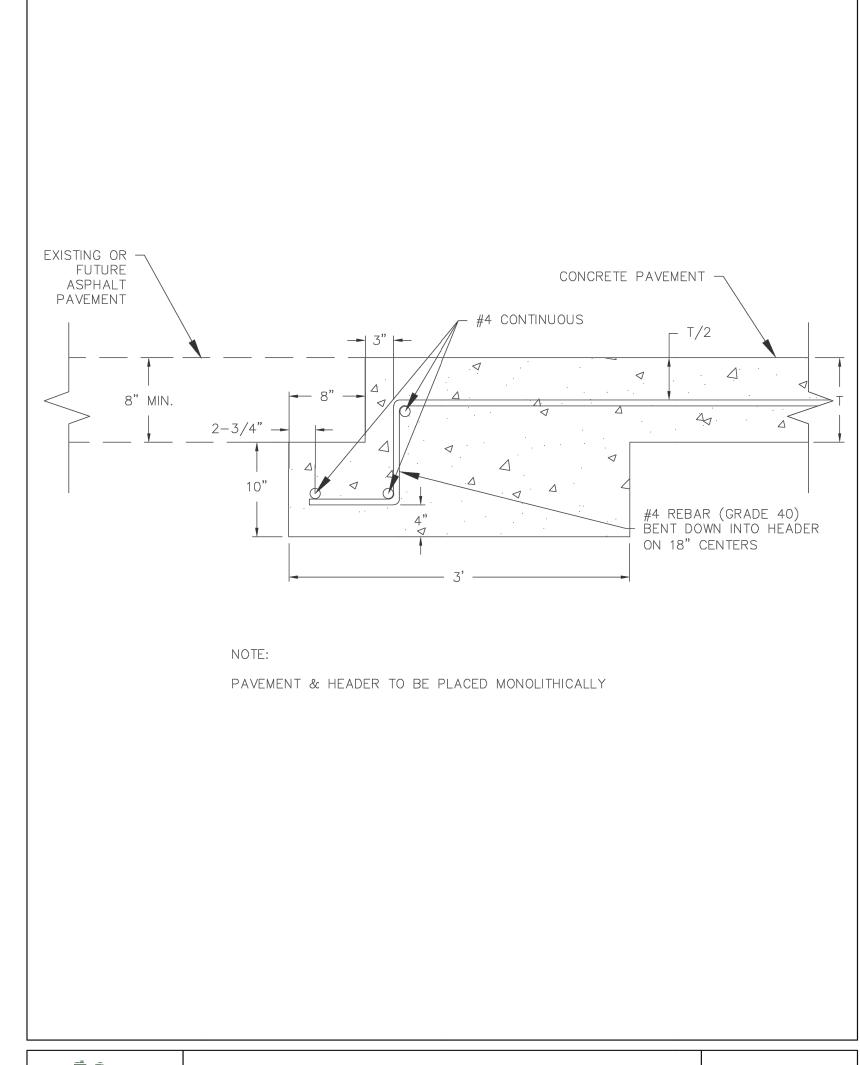
SIDEWALK ADDITIONS FY 24-25

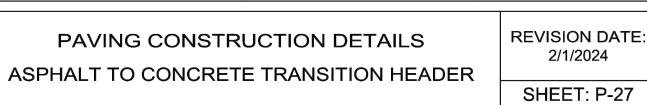


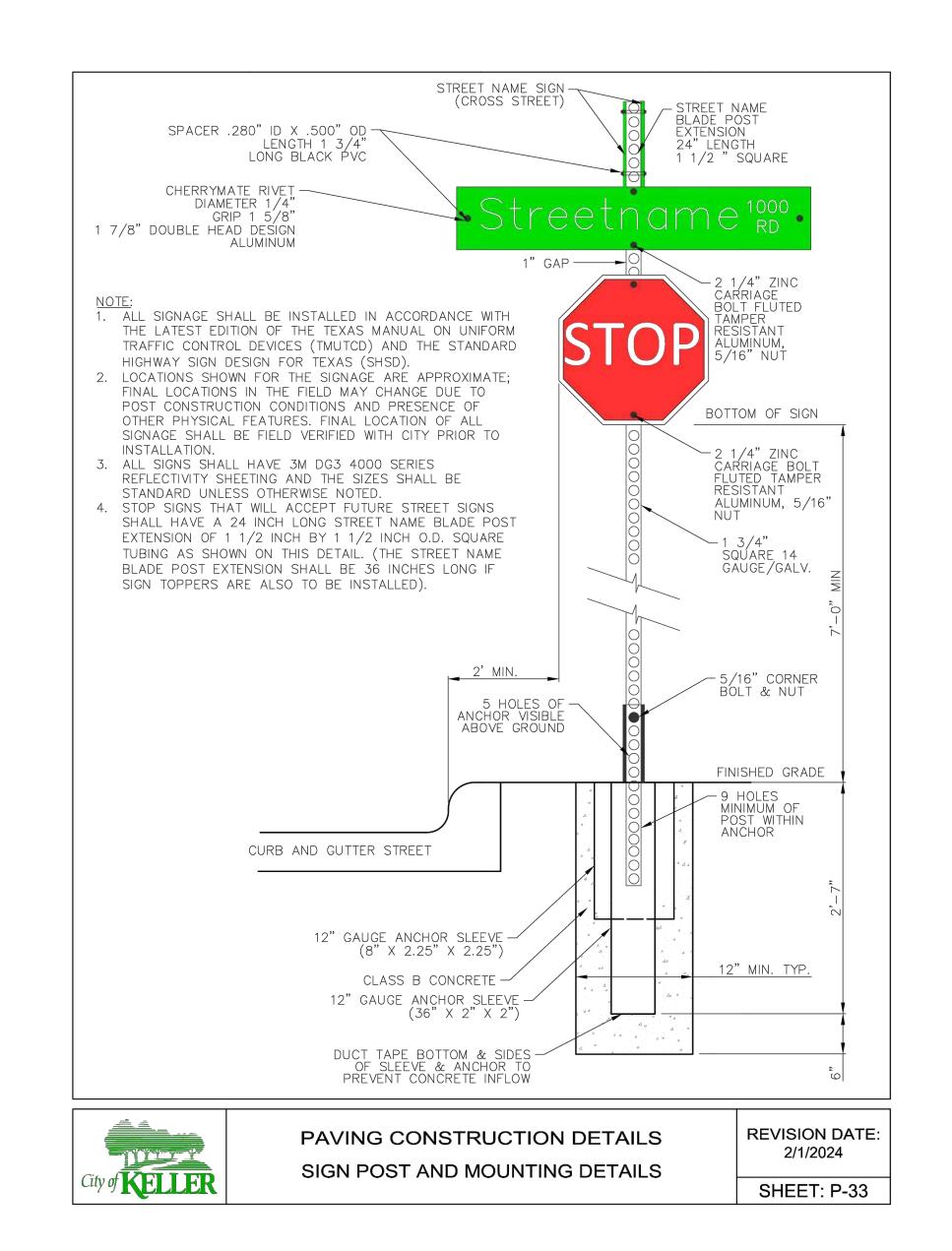


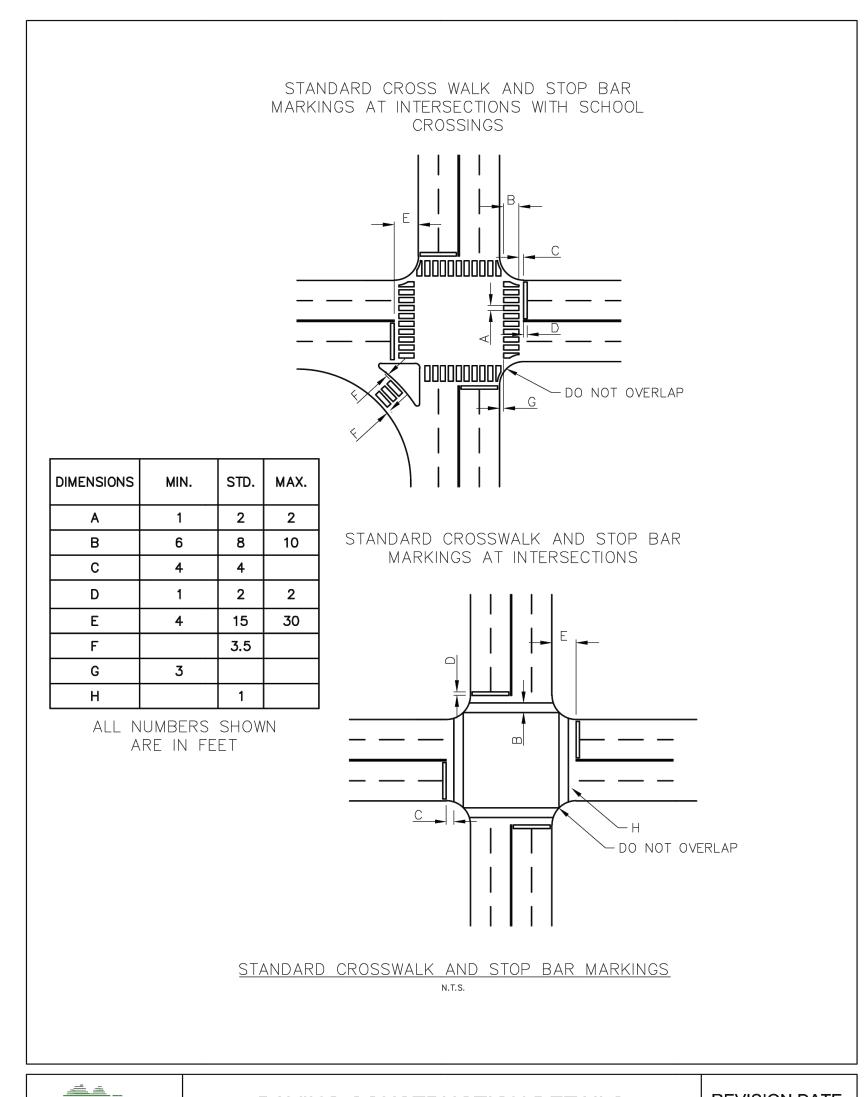
TBPE FIRM NO. F-2697

CITY OF KELLER DETAILS











PAVING CONSTRUCTION DETAILS
CROSSWALK AND STOP BAR MARKING DETAIL

REVISION DATE: 2/1/2024

SHEET: P-34

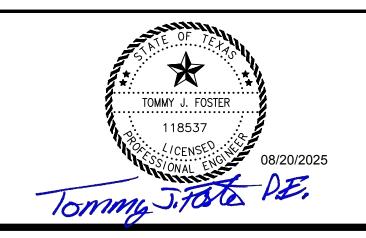
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CITY OF KELLER

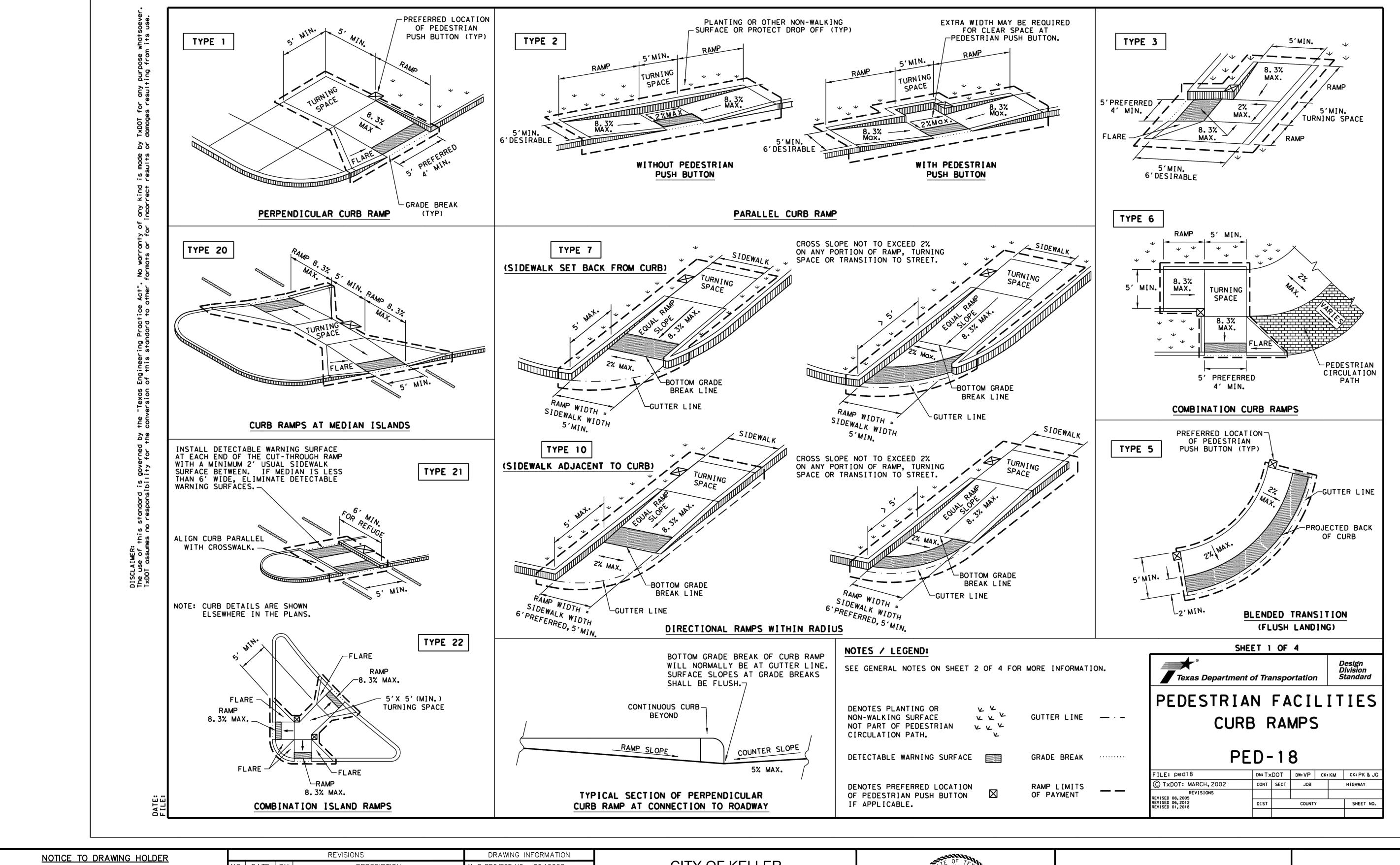
SIDEWALK ADDITIONS FY 24-25





TBPE FIRM NO. F-2697

CITY OF KELLER DETAILS



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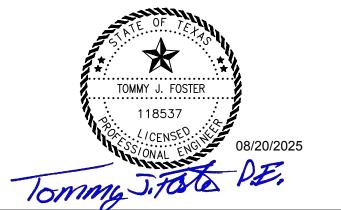
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CITY OF KELLER

SIDEWALK ADDITIONS FY 24-25





TBPE FIRM NO. F-2697

TXDOT	DETAILS

GENERAL NOTES

CURB RAMPS

- 1. Install a curb ramp or blended transition at each pedestrian street crossing.
- 2. All slopes shown are maximum allowable. Cross slopes of 1.5% and lesser running should be used. Adjust curb ramp length or grade of approach sidewalks as directed.
- 3. Maximum allowable cross slope on sidewalk and curb ramp surfaces is 2%.
- 4. The minimum sidewalk width is 5'. Where the sidewalk is adjacent to the back of curb, a 6' sidewalk width is desirable. Where a 5' sidewalk cannot be provided due to site constraints, sidewalk width may be reduced to 4' for short distances. 5'x 5' passing areas at intervals not to exceed 200' are required.
- 5. Turning Spaces shall be 5'x 5' minimum. Cross slope shall be maximum 2%.
- 6. Clear space at the bottom of curb ramps shall be a minimum of 4'x 4' wholly contained within the crosswalk and wholly outside the parallel vehicular travel path.
- 7. Provide flared sides where the pedestrian circulation path crosses the curb ramp. Flared sides shall be sloped at 10% maximum, measured parallel to the curb. Returned curbs may be used only where pedestrians would not normally walk across the ramp, either because the adjacent surface is planted, substantially obstructed, or otherwise protected.
- 8. Additional information on curb ramp location, design, light reflective value and texture may be found in the latest draft of the Proposed Guidelines for Pedestrian Facilities in the Public Right of Way (PROWAG) as published by the U.S. Architectural and Transportation Barriers Compliance Board (Access Board).
- 9. To serve as a pedestrian refuge area, the median should be a minimum of 6' wide, measured from back of curbs. Medians should be designed to provide accessible passage over or through them.
- 10. Small channelization islands, which do not provide a minimum $5' \times 5'$ landing at the top of curb ramps, shall be cut through level with the surface of the street.
- 11. Crosswalk dimensions, crosswalk markings and stop bar locations shall be as shown elsewhere in the plans. At intersections where crosswalk markings are not required, curb ramps shall align with theoretical crosswalks unless otherwise directed.
- 12. Provide curb ramps to connect the pedestrian access route at each pedestrian street crossing. Handrails are not required on curb ramps.
- 13. Curb ramps and landings shall be constructed and paid for in accordance with Item 531 "Sidewalks".
- 14. Place concrete at a minimum depth of 5" for ramps, flares and landings, unless otherwise directed.
- 15. Furnish and install No. 3 reinforcing steel bars at 18" o.c. both ways, unless otherwise directed.
- 16. Provide a smooth transition where the curb ramps connect to the street.
- 17. Curbs shown on sheet 1 within the limits of payment are considered part of the curb ramp for payment, whether it is concrete curb, gutter, or combined curb and gutter.
- 18. Existing features that comply with applicable standards may remain in place unless otherwise shown on the plans.

DETECTABLE WARNING MATERIAL

- 19. Curb ramps must contain a detectable warning surface that consists of raised truncated domes complying with PROWAG. The surface must contrast visually with adjoining surfaces, including side flares. Furnish and install an approved cast-in-place dark brown or dark red detectable warning surface material adjacent to uncolored concrete, unless specified elsewhere in the plans.
- 20. Detectable Warning Materials must meet TxDOT Departmental Materials Specification DMS 4350 and be listed on the Material Producer List. Install products in accordance with manufacturer's specifications.
- 21. Detectable warning surfaces must be firm, stable and slip resistant.
- 22. Detectable warning surfaces shall be a minimum of 24 inches in depth in the direction of pedestrian travel, and extend the full width of the curb ramp or landing where the pedestrian access route enters the street.
- 23. Detectable warning surfaces shall be located so that the edge nearest the curb line is at the back of curb and neither end of that edge is greater than 5 feet from the back of curb. Detectable warning surfaces may be curved along the corner radius.
- 24. Shaded areas on Sheet 1 of 4 indicate the approximate location for the detectable warning surface for each curb ramp type.

DETECTABLE WARNING PAVERS (IF USED)

- 25. Furnish detectable warning paver units meeting all requirements of ASTM C-936, C-33. Lay in a two by two unit basket weave pattern or as directed.
- 26. Lay full-size units first followed by closure units consisting of at least 25 percent (25%) of a full unit. Cut detectable warning paver units using a power saw.

SIDEWALKS

- 27. Provide clear ground space at operable parts, including pedestrian push buttons. Operable parts shall be placed within unobstructed reach range specified in PROWAG section R406.
- 28. Place traffic signal or illumination poles, ground boxes, controller boxes, signs, drainage facilities and other items so as not to obstruct the pedestrian access route or clear ground space.
- 29. Street grades and cross slopes shall be as shown elsewhere in the plans.
- 30. Changes in level greater than 1/4 inch are not permitted.
- 31. The least possible grade should be used to maximize accessibility. The running slope of sidewalks and crosswalks within the public right of way may follow the grade of the parallel roadway. Where a continuous grade greater than five percent (5%) must be provided, handrails may be desirable to improve accessibility. Handrails may also be needed to protect pedestrians from potentially hazardous conditions. If provided, handrails shall comply with PROWAG R409.
- 32. Handrail extensions shall not protrude into the usable landing area or into intersecting pedestrian routes.

DETECTABLE WARNING PAVER | PREFABRICATED DETECTABLE

SECTION VIEW DETAIL

CURB RAMP AT DETECTIBLE WARNINGS

WARNING PANEL

-(MIN.) 5" DEPTH EXCLUSIVE

OF DETECTABLE WARNING

- 33. Driveways and turnouts shall be constructed and paid for in accordance with Item "Intersections, Driveways and Turnouts". Sidewalks shall be constructed and paid for in accordance with Item, "Sidewalks".
- 34. Sidewalk details are shown elsewhere in the plans.

SIDE FLARE

(TYP)

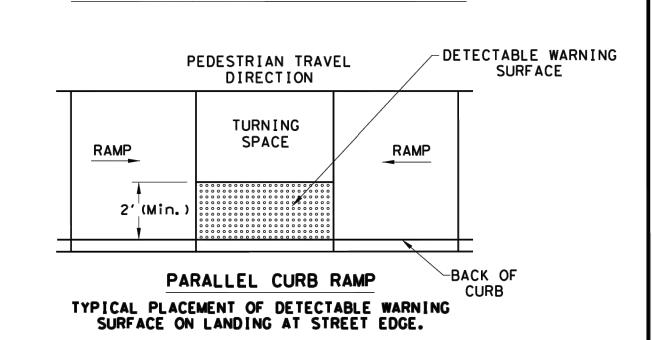
NO. 3 REBAR AT 18" (MAX) ON-CENTER-BOTH WAYS OR AS DIRECTED

WITH TRUNCATED DOMES

CLASS A CONCRETE - SHALL-

CONFORM TO APPLICABLE

SPECIFICATIONS



DETECTABLE WARNING SURFACE DETAILS

PEDESTRIAN TRAVEL
DIRECTION

TURNING
SPACE

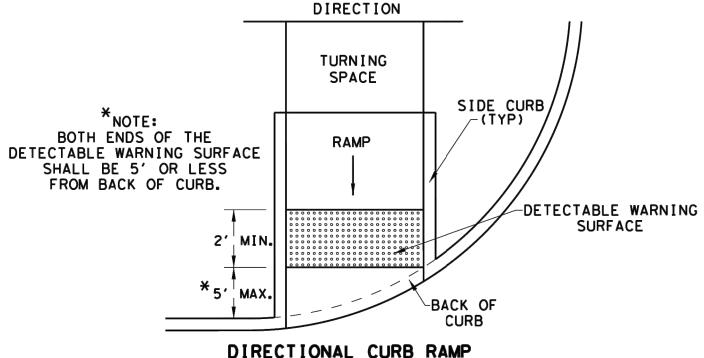
RAMP

DETECTABLE WARNING
SURFACE

SIDE FLARE
(TYP)

PERPENDICULAR CURB RAMP

TYPICAL PLACEMENT OF DETECTABLE
WARNING SURFACE ON SLOPING RAMP RUN.



PEDESTRIAN TRAVEL

DIRECTIONAL CURB RAMP

TYPICAL PLACEMENT OF DETECTABLE WARNING SURFACE ON SLOPING RAMP RUN.

SHEET 2 OF 4

Texas Department of Transportation

PEDESTRIAN FACILITIES

CURB RAMPS

PED - 18

FILE: ped18

DN: TxDOT DW: VP CK: KM CK: PK & JG

TxDOT: MARCH, 2002

CONT SECT JOB HIGHWAY

FILE: ped18

DN:TXDOT

DW:VP

CK:KM

CK:PK & JG

CTXDOT: MARCH, 2002

CONT

SECT

JOB

HIGHWAY

REVISED 08, 2005

REVISED 06, 2012

REVISED 01, 2018

DIST

COUNTY

SHEET NO.

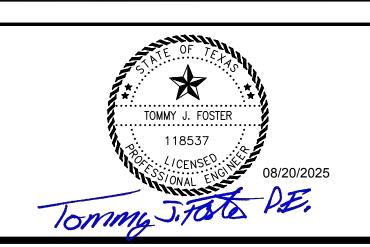
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CITY OF KELLER

SIDEWALK ADDITIONS FY 24-25

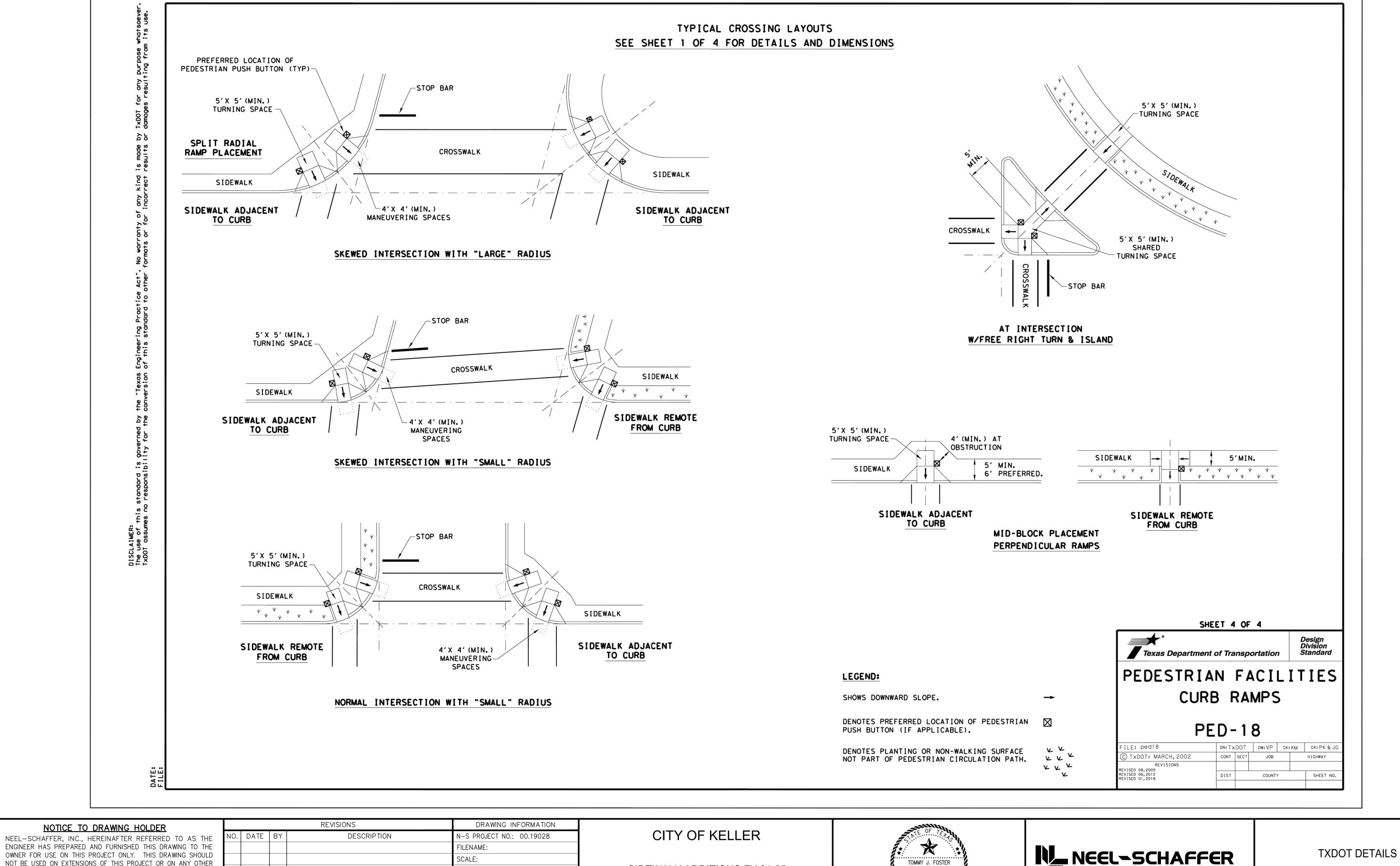




TBPE FIRM NO. F-2697

TXDOT DETAILS

WORKING NUMBER: SHEET NUMBER: 2025-19028-01 14

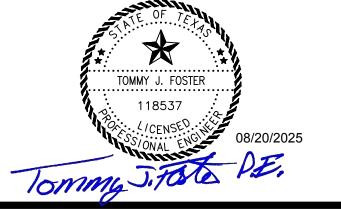


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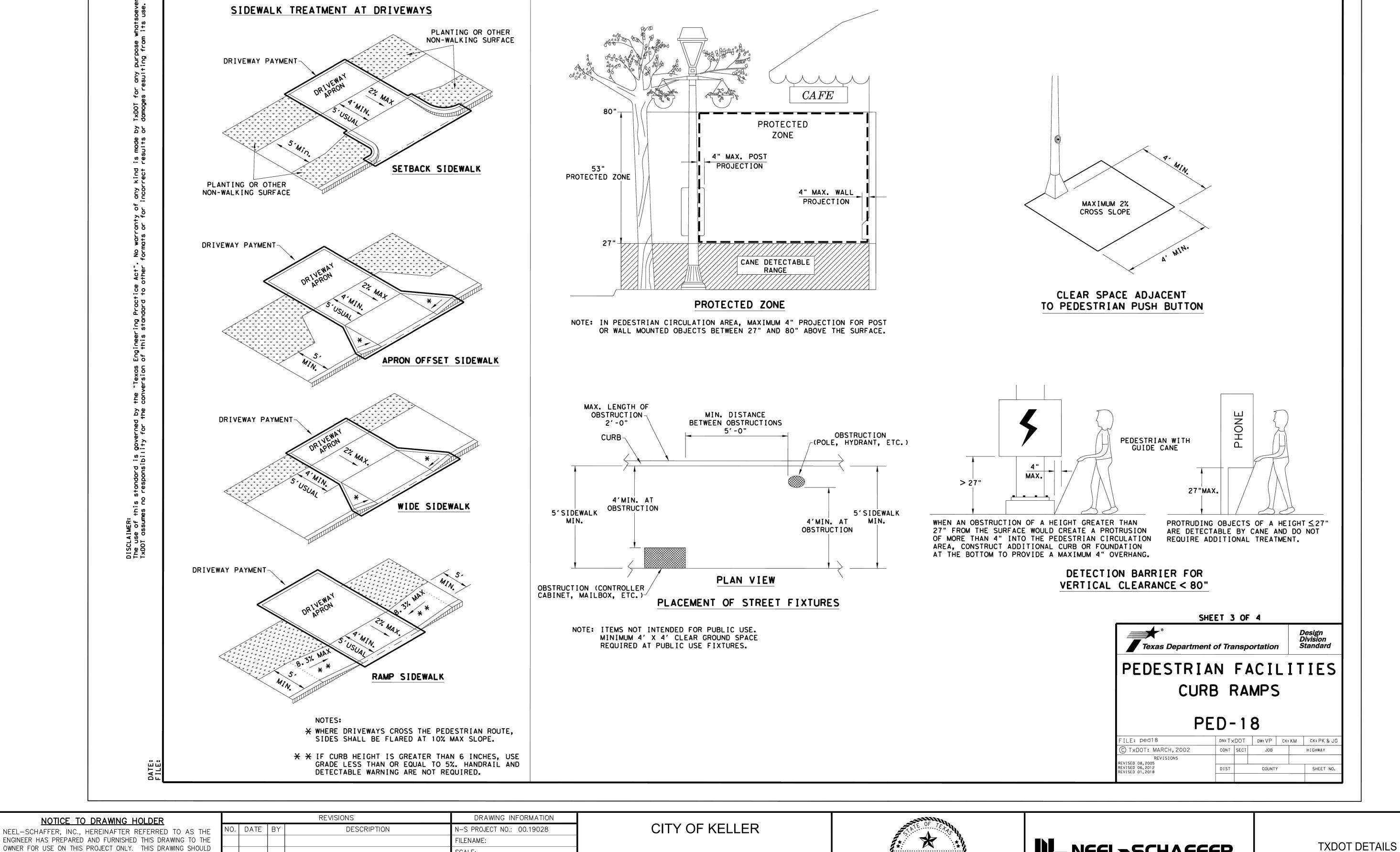
SIDEWALK ADDITIONS FY 24-25





TBPE FIRM NO. F-2697

WORKING NUMBER:	SHEET NUMBER:
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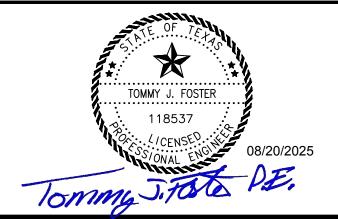


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SIDEWALK ADDITIONS FY 24-25





TBPE FIRM NO. F-2697

ATTACHMENT NO. 2 City of Keller ROANOKE ROAD Bid Proposal

Pay Item	Description of Items	Spec. Section	Bid Quantity	Unit	Unit Cost	Subtotal
1	Traffic Control	801	1	LS	\$6,500.00	\$8,500.00
2	Mobilization		1	LS	\$11,500.00	\$11,500.00
3	Construction Staking	105.4	1	LS	\$4,250.00	\$4,250.00
4	Erosion Control / Environmental Protection / SWPPP	202	1	LS	\$3,500.00	\$3,500.00
5	Block Sodding	NCTCOG 204.5	576	SY	\$13.25	\$7,632.00
6	4" Concrete Sidewalk	NCTCOG 305.2	439	SY	\$110.00	\$48,290.00
7	Excavation (Special)	NCTCOG 203.2	91	CY	\$44.65	\$4,063.15
8	Embankment (Final)(dens cont)(Ty a)	NCTCOG 203.5	43	CY	\$58.25	\$2,504.75
9	Remove and Relocate Sign	TxDOT 644	1	EA	\$500.00	\$500.00
10	Remove and Replace Asphalt Driveway	TxDOT 351	334	SF	\$18.60	\$6,212.40
11	12" Corrugated Metal Pipe	TxDOT 460	21	LF	\$144.00	\$3,024.00
12	Remove Tree, less than 12"		8	EA	\$750.00	\$6,000.00
13	Remove Tree, 12"-18"		10	EA	\$1,000.00	\$10,000.00
14	Remove Tree, 18"-24"		1	EA	\$1,250.00	\$1,250.00
15	Remove or Relocate Mailbox Assemblies (Traditional)	TxDOT 560	1	EA	\$550.00	\$550.00
16	Remove or Relocate Mailbox Assemblies (Brick)	TxDOT 560	1	EA	\$3,000.00	\$3,000.00
17	PED Rail		45	LF	\$255.55	\$11,499.75
18	Turn Down Footing		45	LF	\$84.44	\$3,799.80

Subtotal Base Bid Costs \$136,075.85