

DRAFT

CHANGE ORDER

No. : 1

PROJECT : Mt. Gilead Road Bike/Pedestrian Trail

DATE OF ISSUANCE :

OWNER : City of Keller
1100 Bear Creek Parkway
Keller, TX 76248

WORK ORDER DATE :

CONTRACTOR : Tejas Cutters, LLC.

OWNER'S PROJECT NO. :

CONTRACT FOR : Installation of new bike/pedestrian trail
along Mt. Gilead Road from
Woodborough Ln to Roanoke Road

ENGINEER : Westwood PS, Inc.
Neel-Schaffer, Inc.

You are directed to make the following changes in the Contract Documents :

Description : Continue the 6' wide sidewalk north along Roanoke road from
current project limits to the driveway for 1447 Roanoke Road
Furnish all materials and labor to complete the sidewalk
and required grading

Purpose of Change Order : To continue the sidewalk north on Roanoke road and
connect to recently completed Overton Ridge Park
providing increased pedestrian amenities in the area

Attachments (List documents supporting change) :

1. Attachment No. 1 (Construction Plans)
2. Attachment No. 2 (Quantities and Pricing)
- 3.

CHANGE IN CONTRACT PRICE :	CHANGE IN CONTRACT TIME :
Original Contract Price : \$566,969.22	Original Contract Time : 270 calendar days
Previous Change Orders Numbers : \$0.00	Net Change from previous Change Orders : - 0 -
Contract Price Prior to this Change Order : \$566,969.22	Contract Time Prior to this Change Order : 270 calendar days
Net Increase/ Decrease of this Change Order : \$136,075.85	Net Increase/ Decrease of this Change Order : 40 calendar days
Contract Price with all approved Change Orders : \$703,045.07	Contract Time with all approved Change Orders : 310 calendar days
Cumulative % Change in Contract Price: 24.00%	

RECOMMENDED :

APPROVED :

APPROVED :

by _____
Engineer : Westwood PS, Inc.
Ryley C. Paroulek, P.E.

by _____
Owner: City of Keller
Print Name: _____

by _____
Contractor: Tejas Cutters, LLC.
Print Name: _____

by _____
Engineer : Neel-Schaffer, Inc.
Tommy J. Foster, P.E.

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

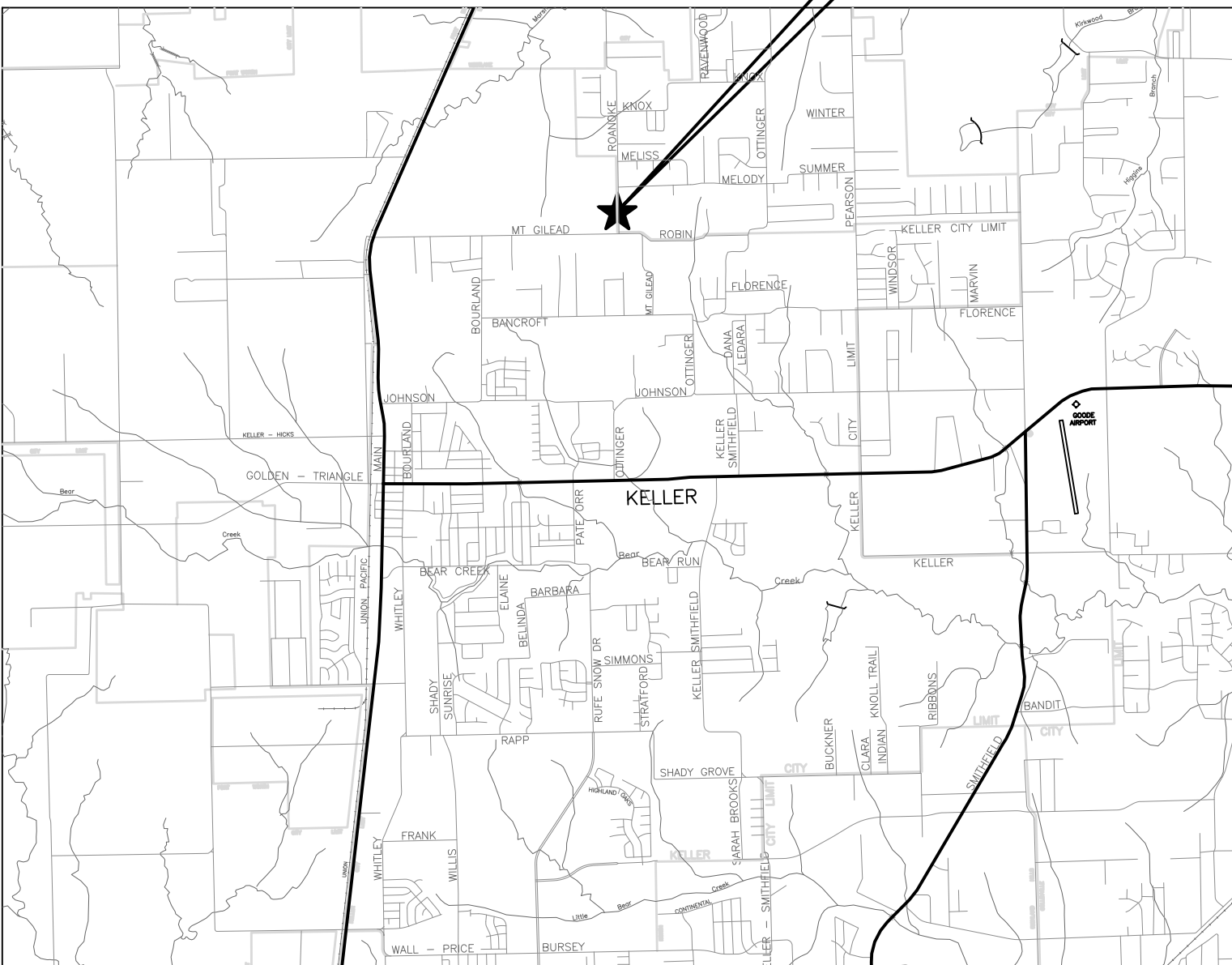
CITY COUNCIL
SHANNON DUBBERLY
GREG WILL
KAREN BRENNAN
TAG GREEN
CHRIS WHATLEY

PREPARED BY



TEXAS REG. No. F-2697

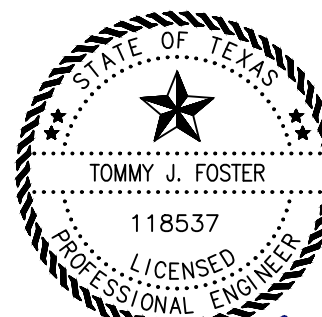
PROJECT LOCATION



VICINITY MAP
(NOT TO SCALE)

SHEET INDEX

SHEET	DESCRIPTION
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



08/20/2025

Tommy J. Foster P.E.

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH 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.
2. UTILITY CONTRACTOR AND STREET CONTRACTOR ARE TO NOTIFY ASSIGNED PUBLIC WORKS INSPECTOR, AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
3. 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).
4. 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.
5. 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.
6. 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.
7. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN POSITIVE DRAINAGE ON THE SITE(S) AT ALL TIMES.
8. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED CITY CONSTRUCTION PERMITS FOR THE PROPOSED WORK.
9. 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.
10. AS-BUILT DRAWINGS ANNOTATING MEASUREMENTS REQUIRED PRIOR TO PROCESSING FINAL PAYMENT.
11. CONTRACTOR TO PROVIDE FLOOD PLAIN AND FLOODWAY DEVELOPMENT PERMIT APPLICATION WITH PRE-CONSTRUCTION SURVEYS.
12. 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.
13. 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.
14. 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.
15. ALL SAWCUTS SHALL BE FULL DEPTH AND SHALL BE COST ABSORBED.
16. 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.
17. CONTRACTOR SHALL INSTALL GROUND PROTECTION MATS TO COVER ALL EXISTING CONCRETE OR BRICK PAVEMENT THAT IS TO REMAIN DURING CONSTRUCTION.
18. 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.
19. 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.
20. 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.

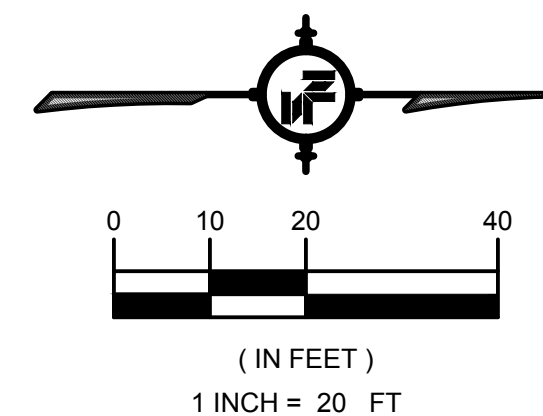
City of Keller Roanoke Road Construction Quantities				
Pay Item	Description of Items	Unit	Spec. Sect.	Total
1	Barricades, Signs, and Traffic Handling	LS	TxDOT 502	1
2	Construction Staking	LS	NCTCOG 105.4	1
3	Temporary Erosion, Sedimentation and Water Pollution Prevention (SWPPP)	LS	NCTCOG 202	1
4	Solid 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 Asphalt 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

	EXIST SANITARY SEWER LINE
	EXIST WATER LINE
	EXIST CONTOUR
	FEMA FLOODPLAIN BOUNDARY
	CONCRETE PAVING
	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

 PROPOSED SIDEWALK

NOTICE TO DRAWING HOLDER NEEL-SCHAFFER, INC., HERINAFTER 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.	REVISIONS				DRAWING INFORMATION		CITY OF KELLER SIDEWALK ADDITIONS FY 24-25	 <i>Tommy J. Foster P.E.</i>	 NEEL-SCHAFFER <i>Solutions you can build upon</i>	GENERAL NOTES & QUANTITIES	
	NO.	DATE	BY	DESCRIPTION	N-S PROJECT NO.: 00:19028 FILENAME: SCALE: 1" = 20' 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						
									WORKING NUMBER: 2025-19028-01	SHEET NUMBER: 2	

PLOTTED BY: Daniel Berauch
PLOT TIME: 8/20/2025 12:39 PM
PLOT TABLE: NS_Std-Hdfr_rev.ctb



- NOTES:**
1. REINFORCEMENT TO BE #3 BARS AT 18" O.C.E.W.
 2. DOWEL WITH #4 BARS AT 18" C-C WHEN CONNECTING TO EXISTING SIDEWALKS, DRIVEWAYS, CURBS AND GUTTER - MINIMUM PENETRATION 6".
 3. INSTALL 1/2" Ø x 18" SMOOTH DOWELS @ 18" (GREASE ONE END & CAP) THROUGH EXPANSION JOINTS.
 4. CONCRETE FOR SIDEWALKS SHALL BE CLASS C 3600 PSI.
 5. ALL PROPOSED VALVES SHALL BE PLACED AT LEAST ONE FOOT OFF THE EDGE OF THE SIDEWALK. PROPOSED MANHOLES SHALL HAVE LIDS CENTERED IN THE SIDEWALK OR BLOCK OUT EXISTING VALVES/MANHOLES.
 6. SIDEWALK CROSS SLOPE 1/4"/FT (TYPICAL) MAX.
 7. EXPANSION JOINTS TO BE RECESSED 3/4" AND FILLED WITH SILICONE SEALANT.
 8. IF SIDEWALK IS LESS THAN 60" WIDE, A "PASSING SPACE" AT INTERVALS OF 200 FT SHALL BE PROVIDED. PASSING SPACE MUST BE 60" (MIN) BY 6" (MIN)

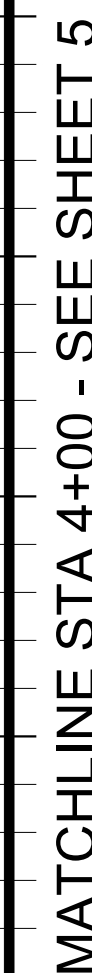
LEGEND:



EXISTING TREES
TO BE REMOVED
(14 THIS SHEET)

Page 10 of 10

PROPOSED SIDEWALK

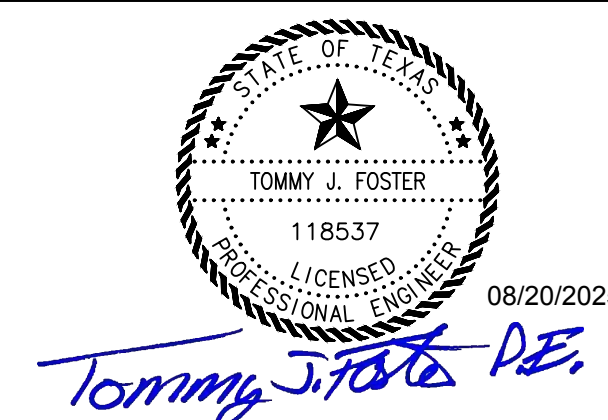


NEEL-SCHAFFER, INC., HEREINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTATION 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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				CHKD: TF	DATE: 7/15/25
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CITY OF KELLER

SIDEWALK ADDITIONS FY 24-25



NEEL-SCHAFFER
Solutions you can build upon

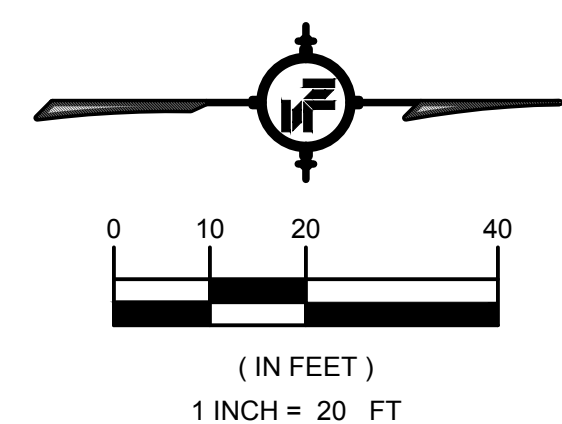
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SIDEWALK PLAN & PROFILE
BEGIN TO STA. 4+00

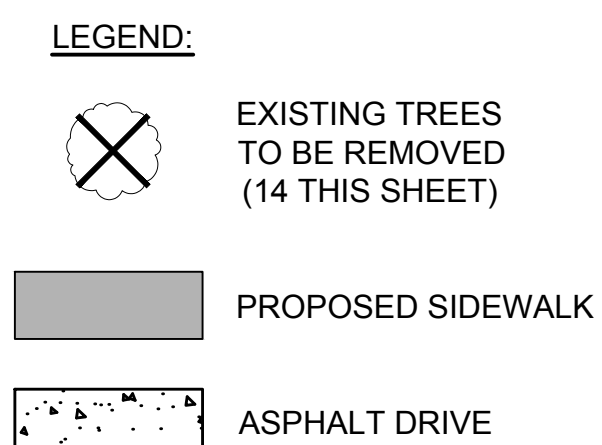
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SHEET NUMBER:
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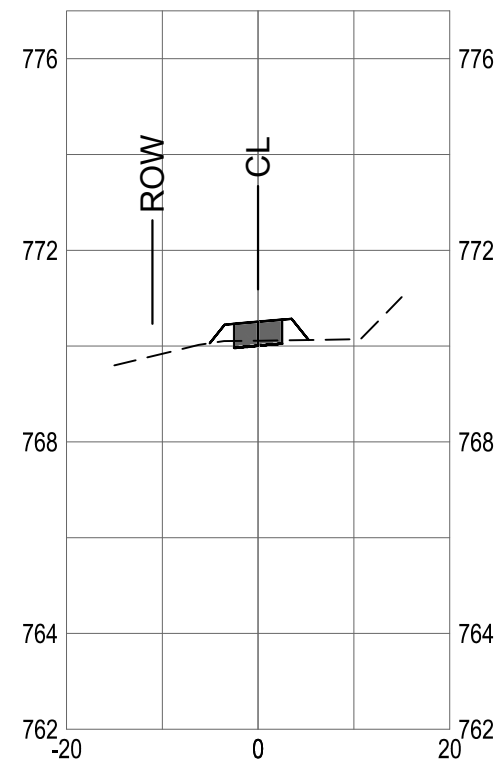
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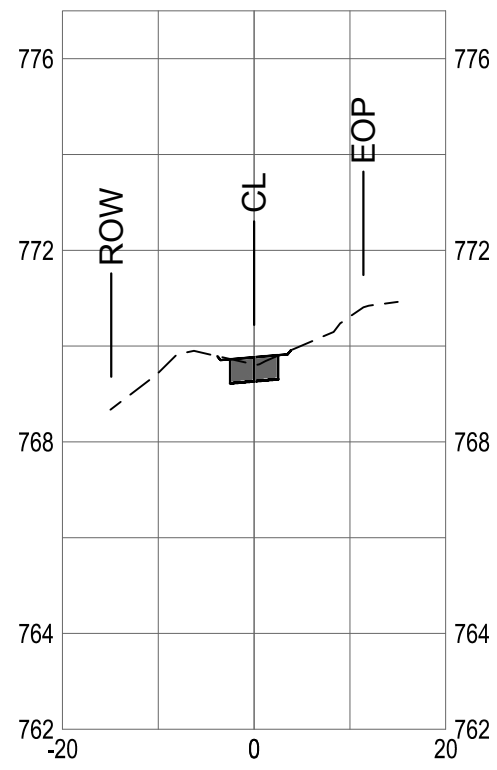
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 8. IF SIDEWALK IS LESS THAN 60" WIDE, A "PASSING SPACE" AT INTERVALS OF 200 FT SHALL BE PROVIDED. PASSING SPACE MUST BE 60" (MIN) BY 6" (MIN)
 9. GAS METER SHALL HAVE 3FT OF CLEAR SPACE AROUND IT



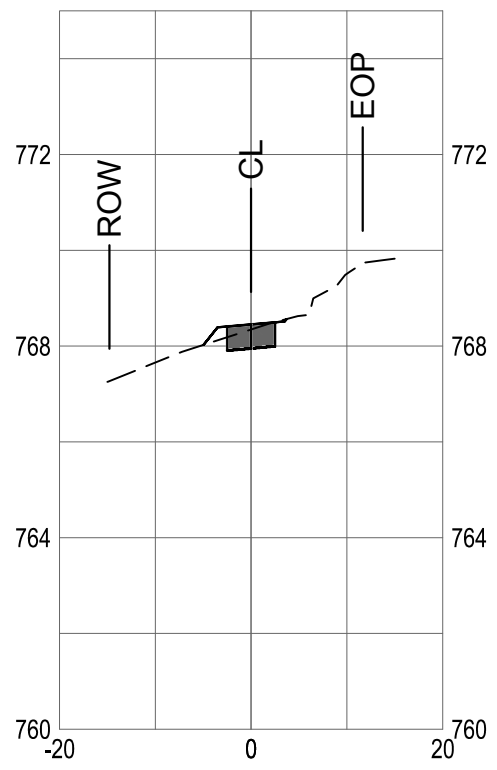
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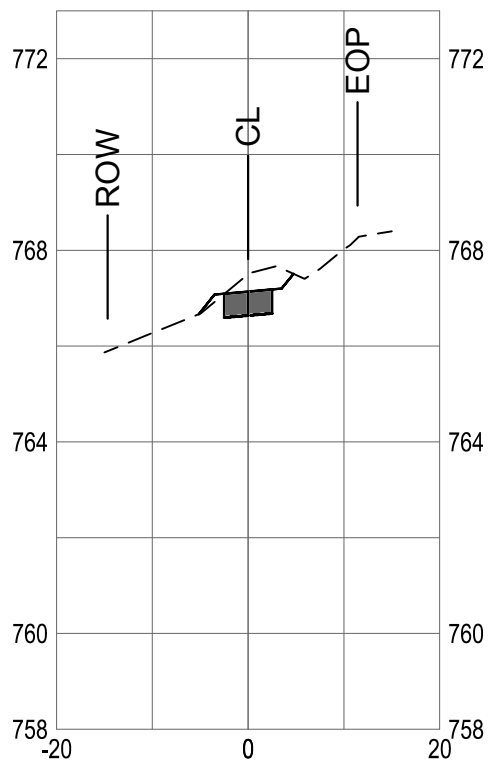
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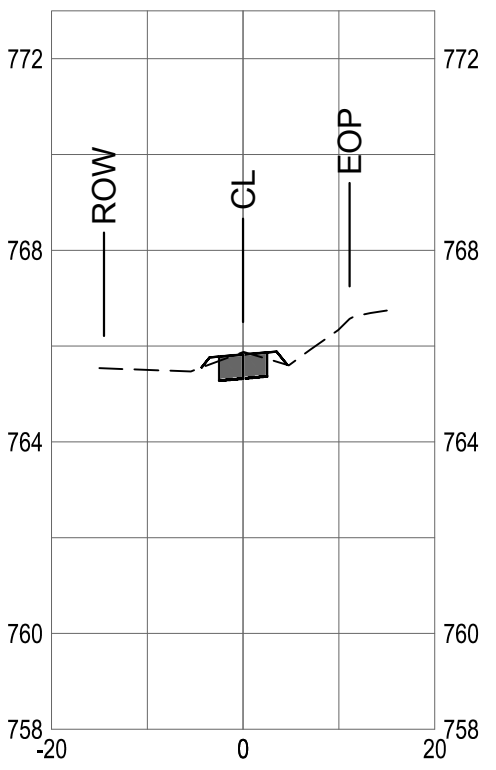
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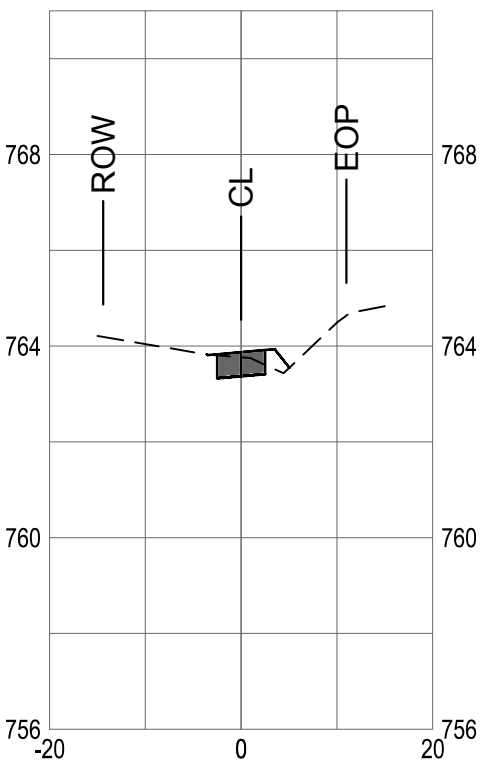
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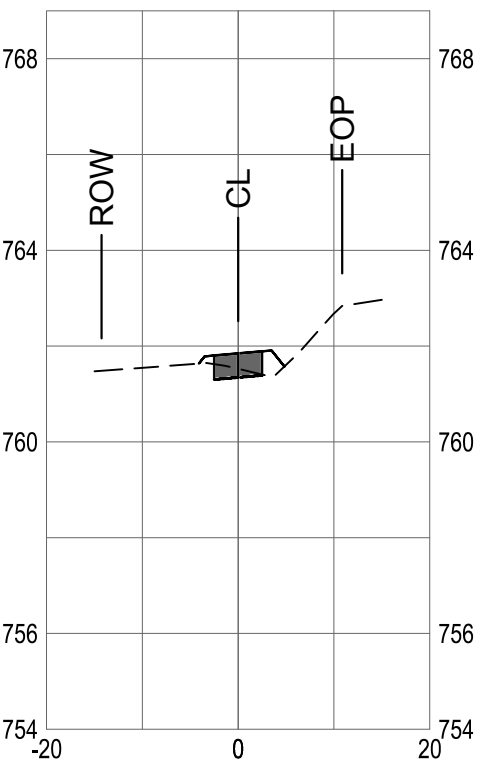
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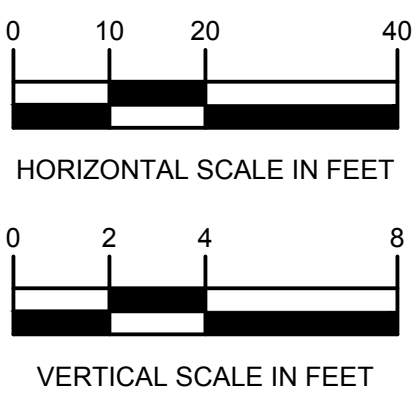
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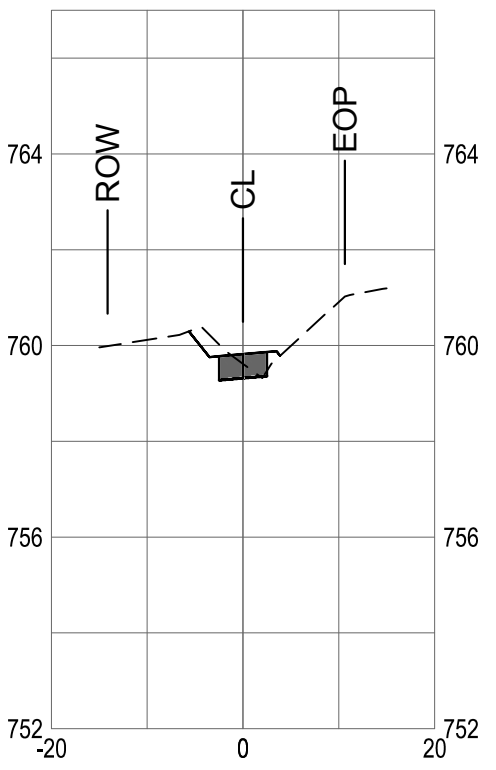
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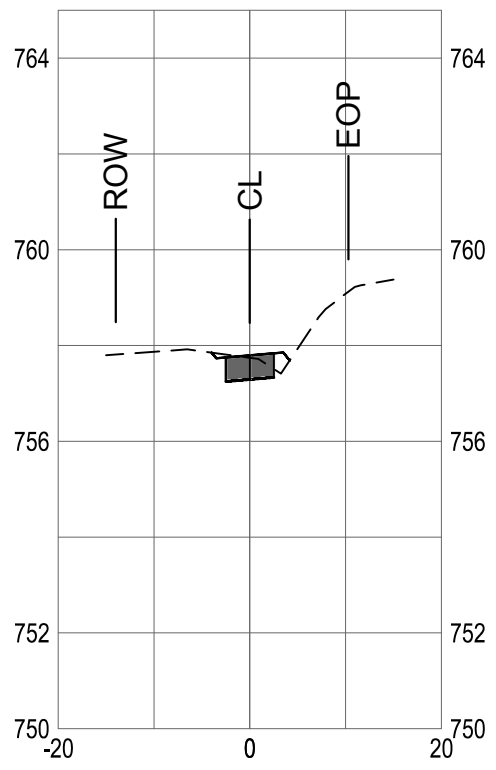
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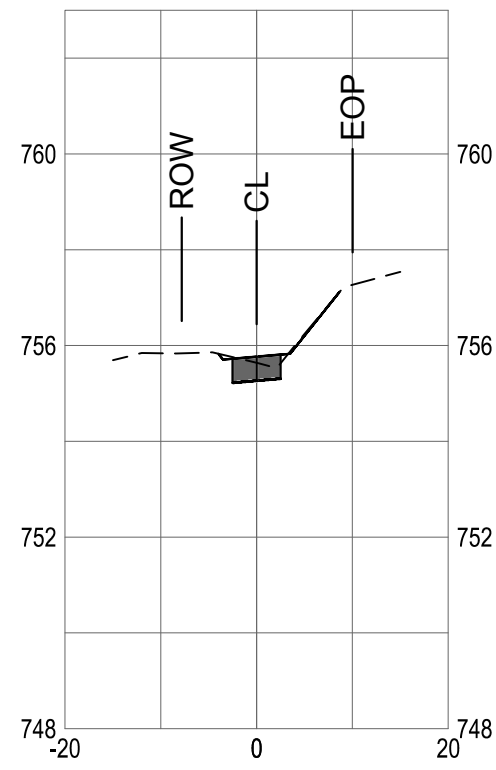
- NOTES:
- ALL TIE-INS TO EXISTING GROUND SHALL BE 3:1 UNLESS NOTED OTHERWISE.
 - ALL EXISTING FENCES AND GATES SHALL BE PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO FENCES AND GATES SHALL BE REPAIRED TO ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE UNLESS NOTED IN PLANS.



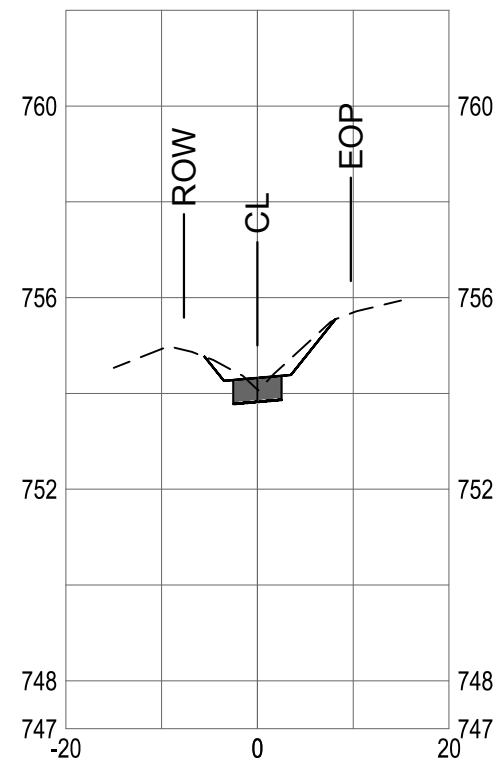
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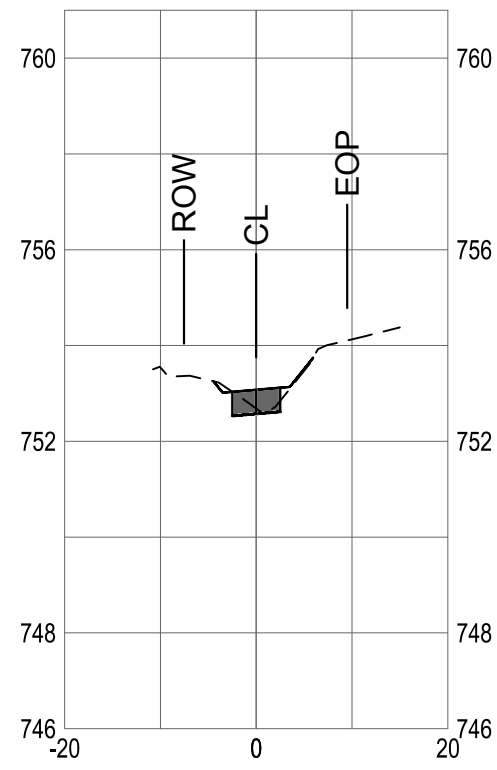
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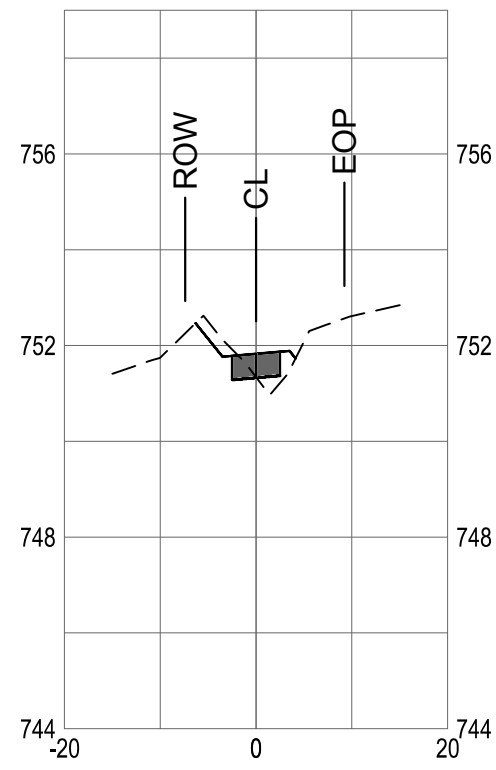
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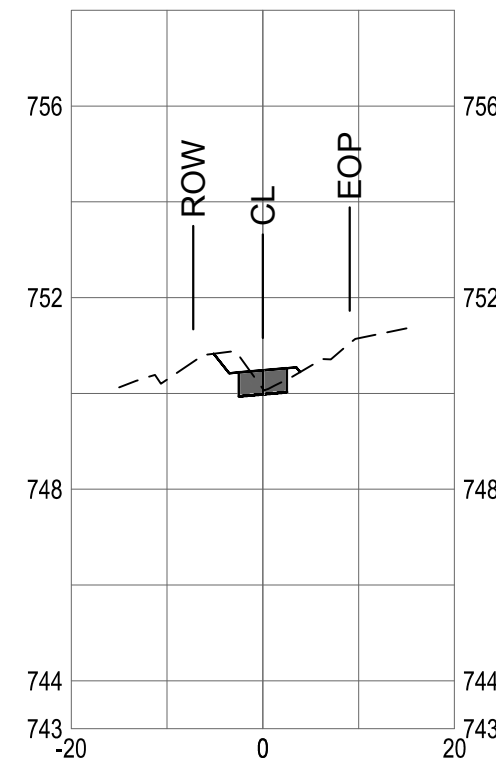
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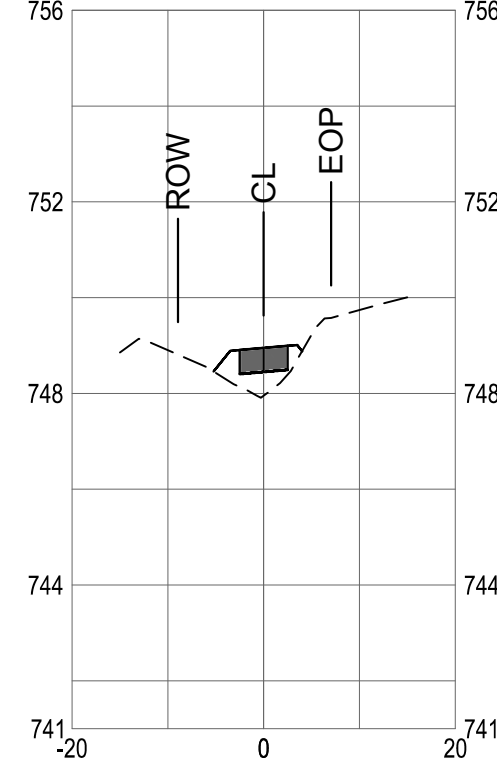
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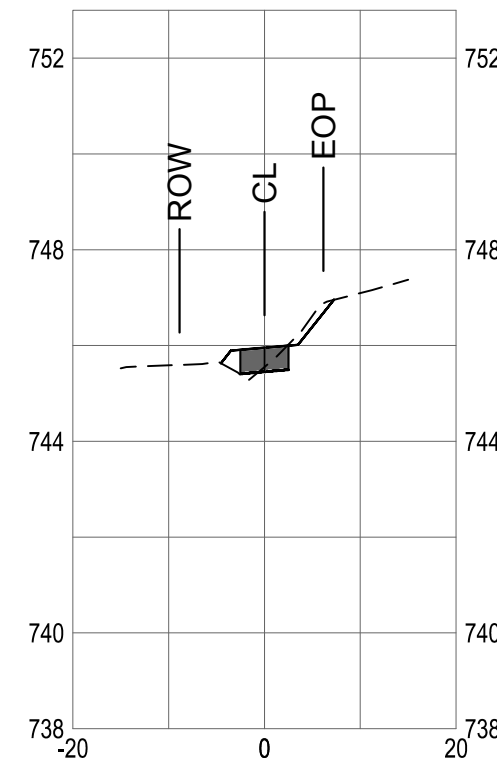
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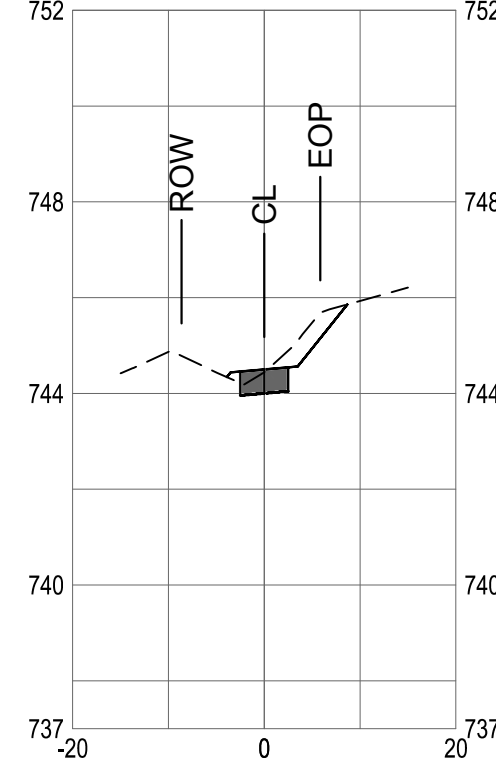
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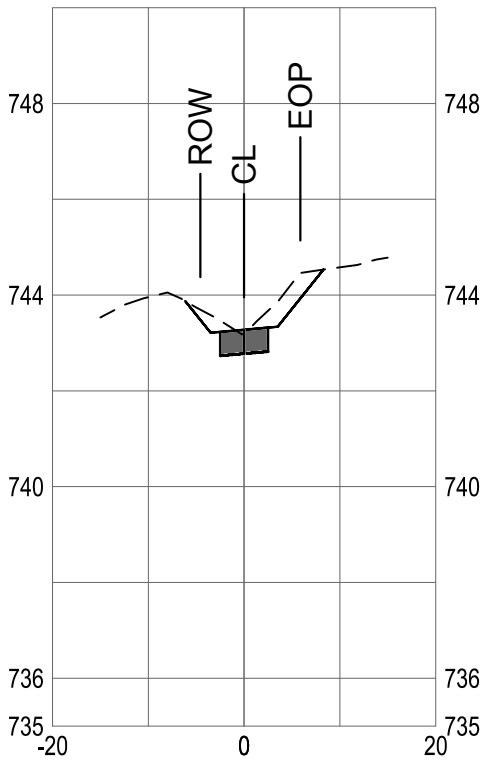
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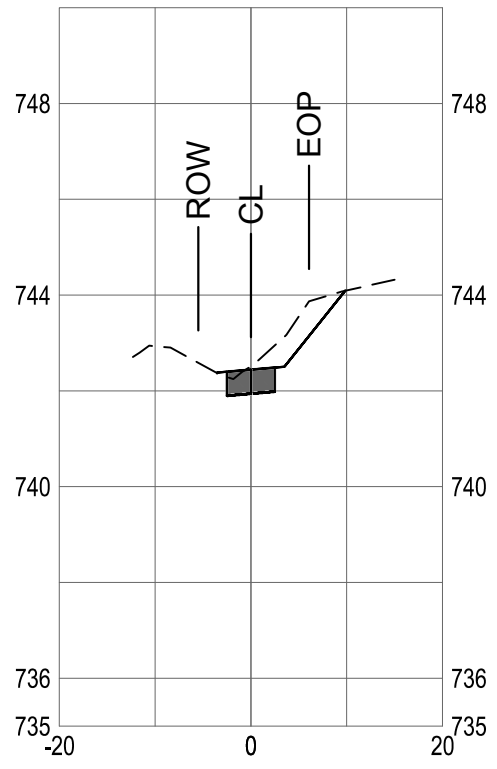
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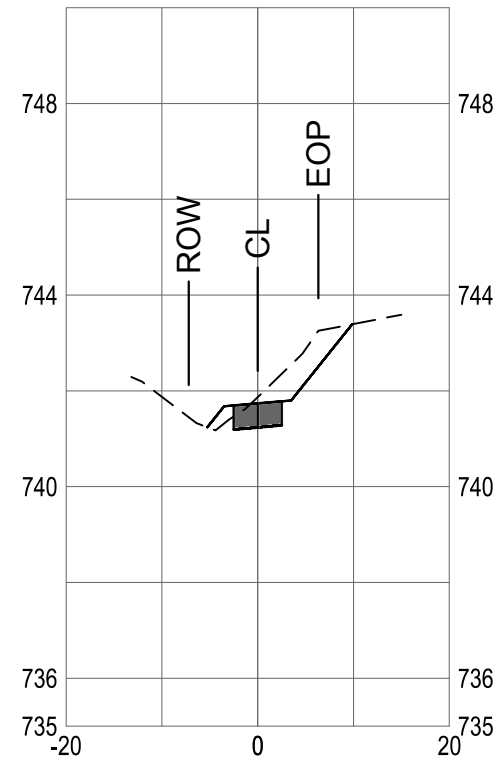
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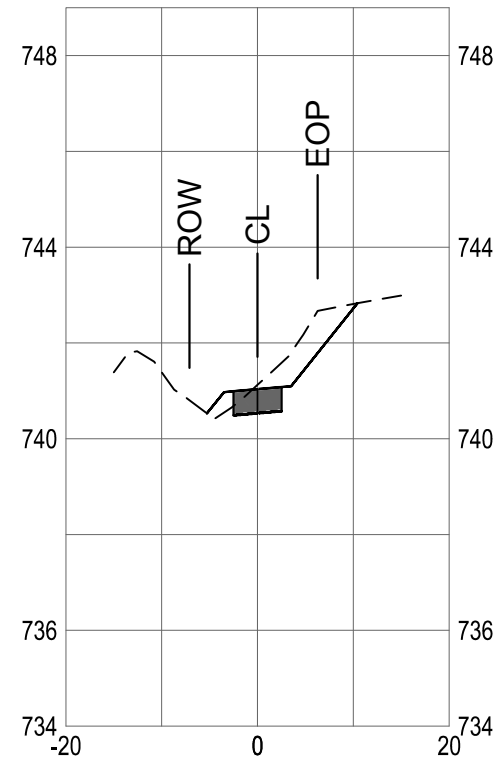
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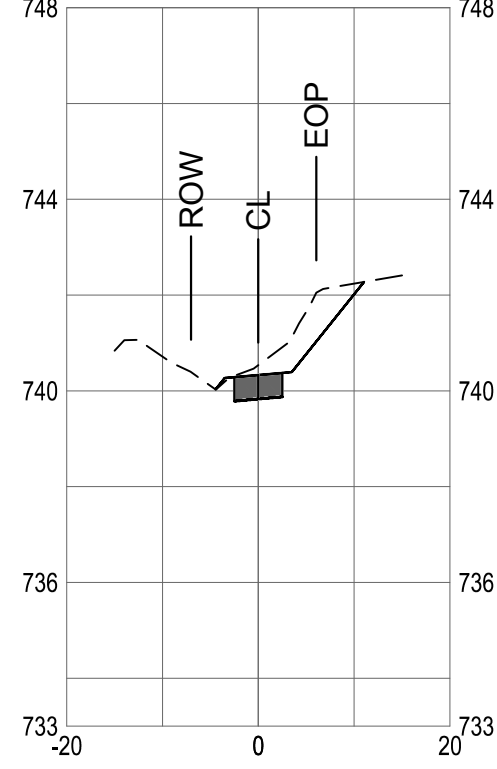
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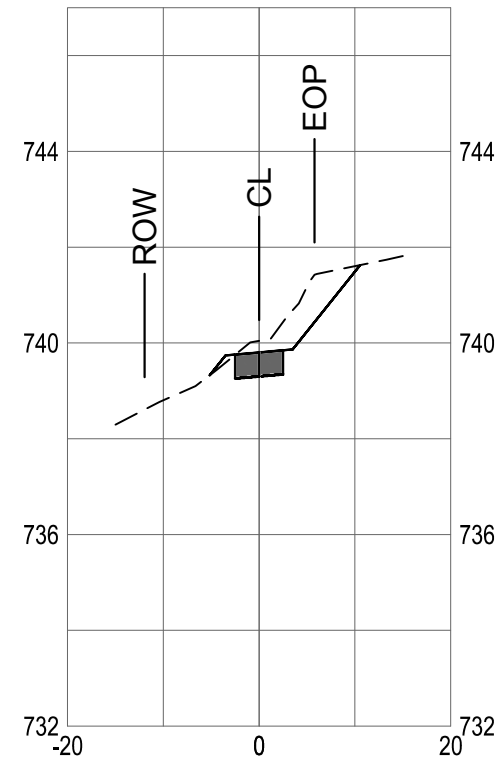
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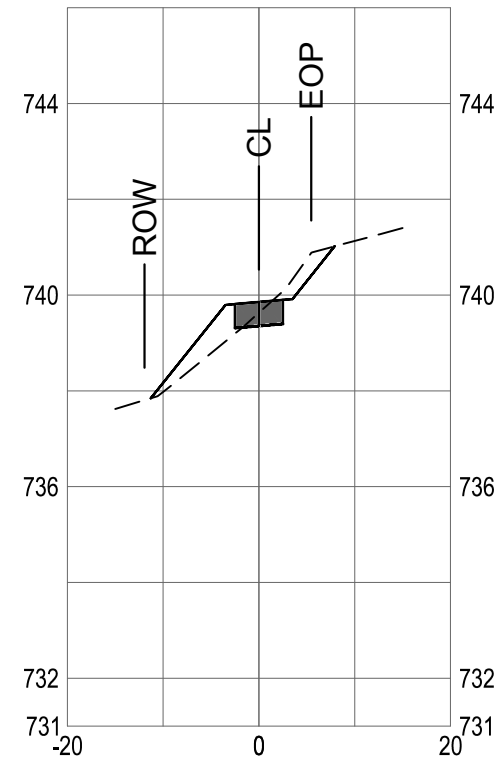
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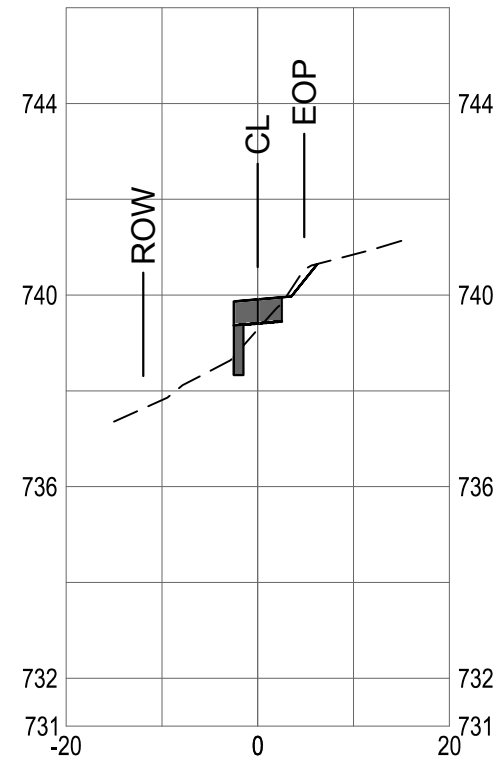
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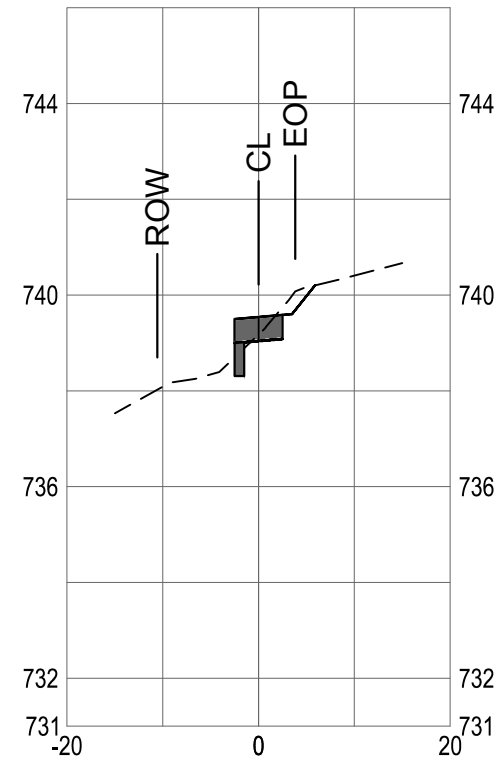
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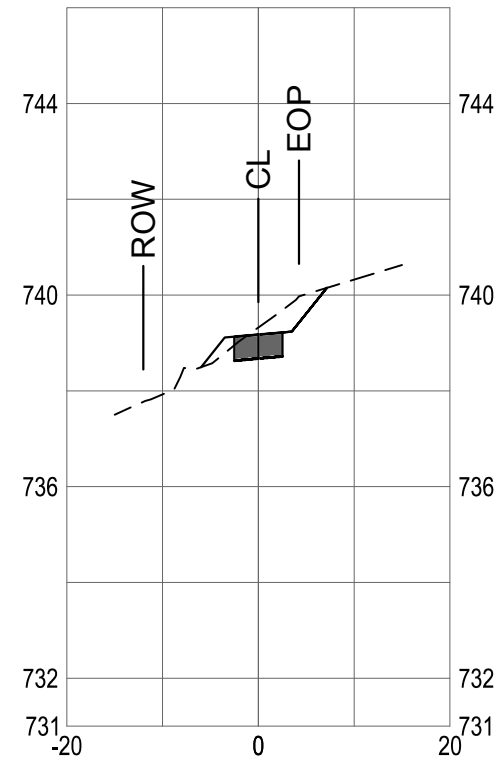
7+50



7+75



8+00



8+25

NOTICE TO DRAWING HOLDER

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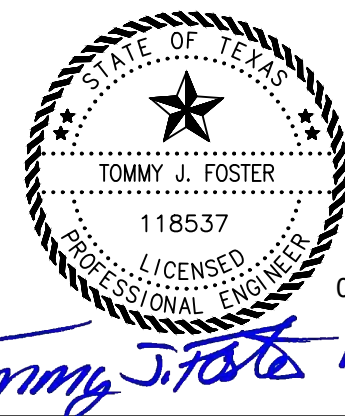
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NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION

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FILENAME:	
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

CITY OF KELLER

SIDEWALK ADDITIONS FY 24-25



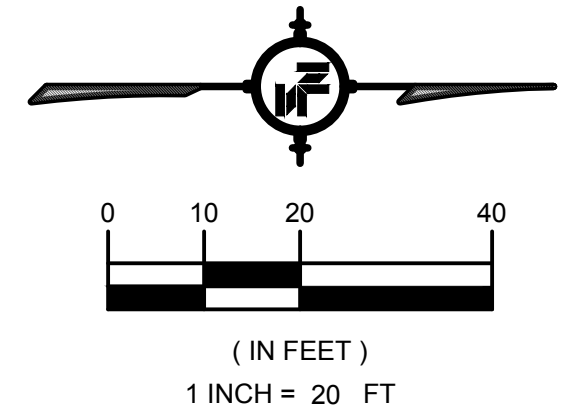
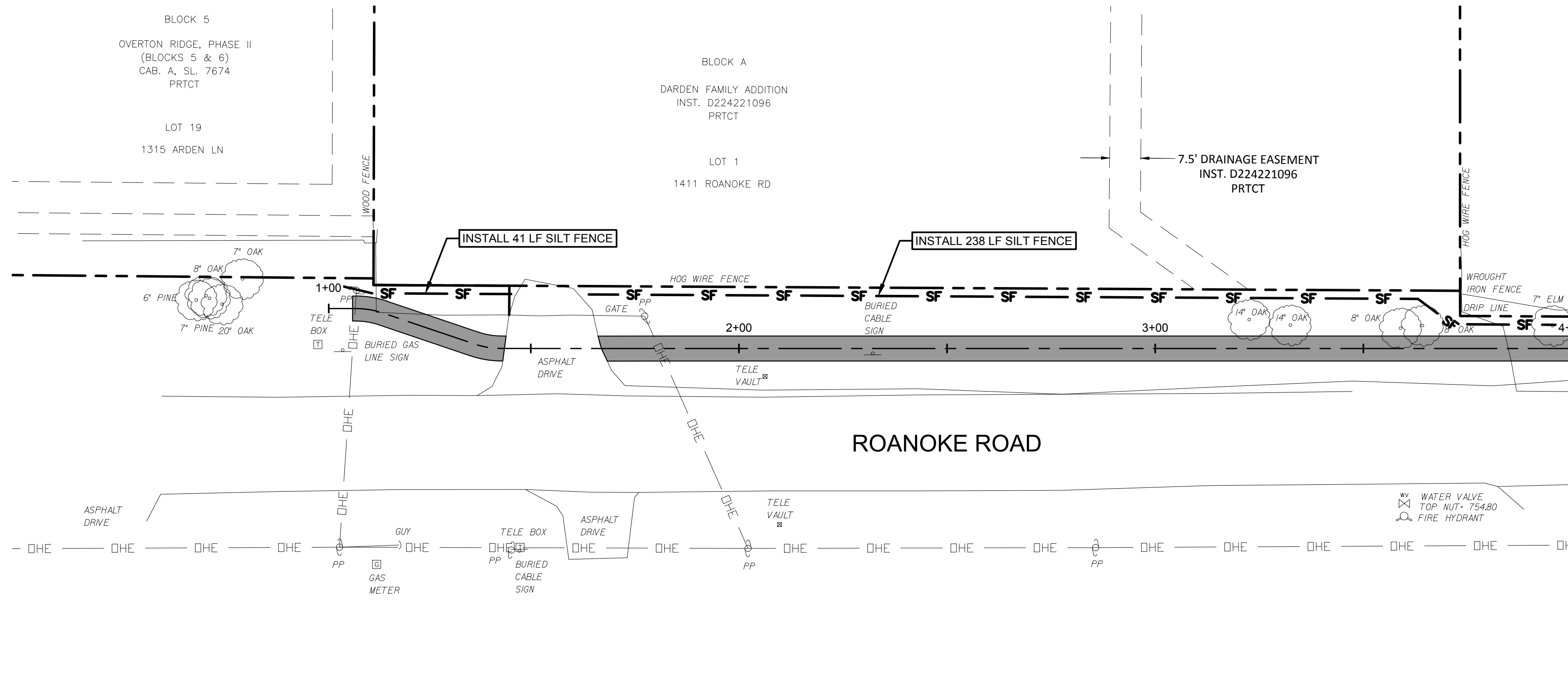
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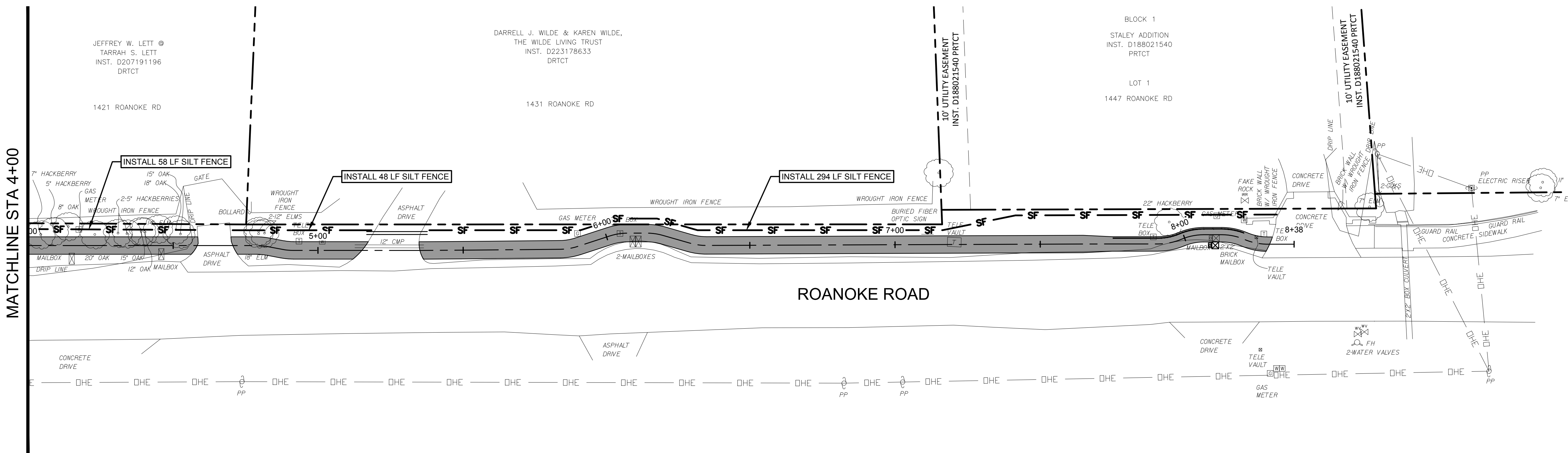
CROSS SECTIONS

WORKING NUMBER:
2025-19028-01

SHEET NUMBER:
6



LEGEND:
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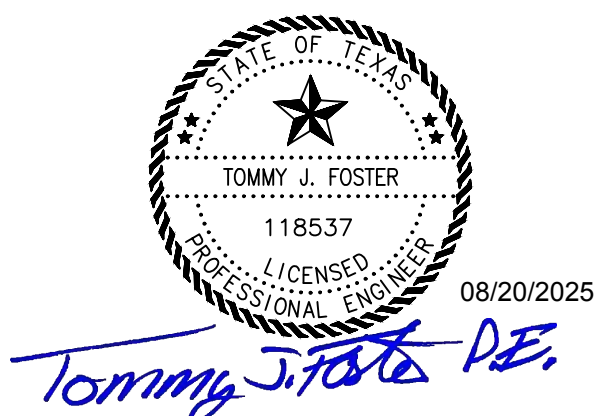
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QA/QC:	DATE: 7/15/25

CITY OF KELLER
SIDEWALK ADDITIONS FY 24-25

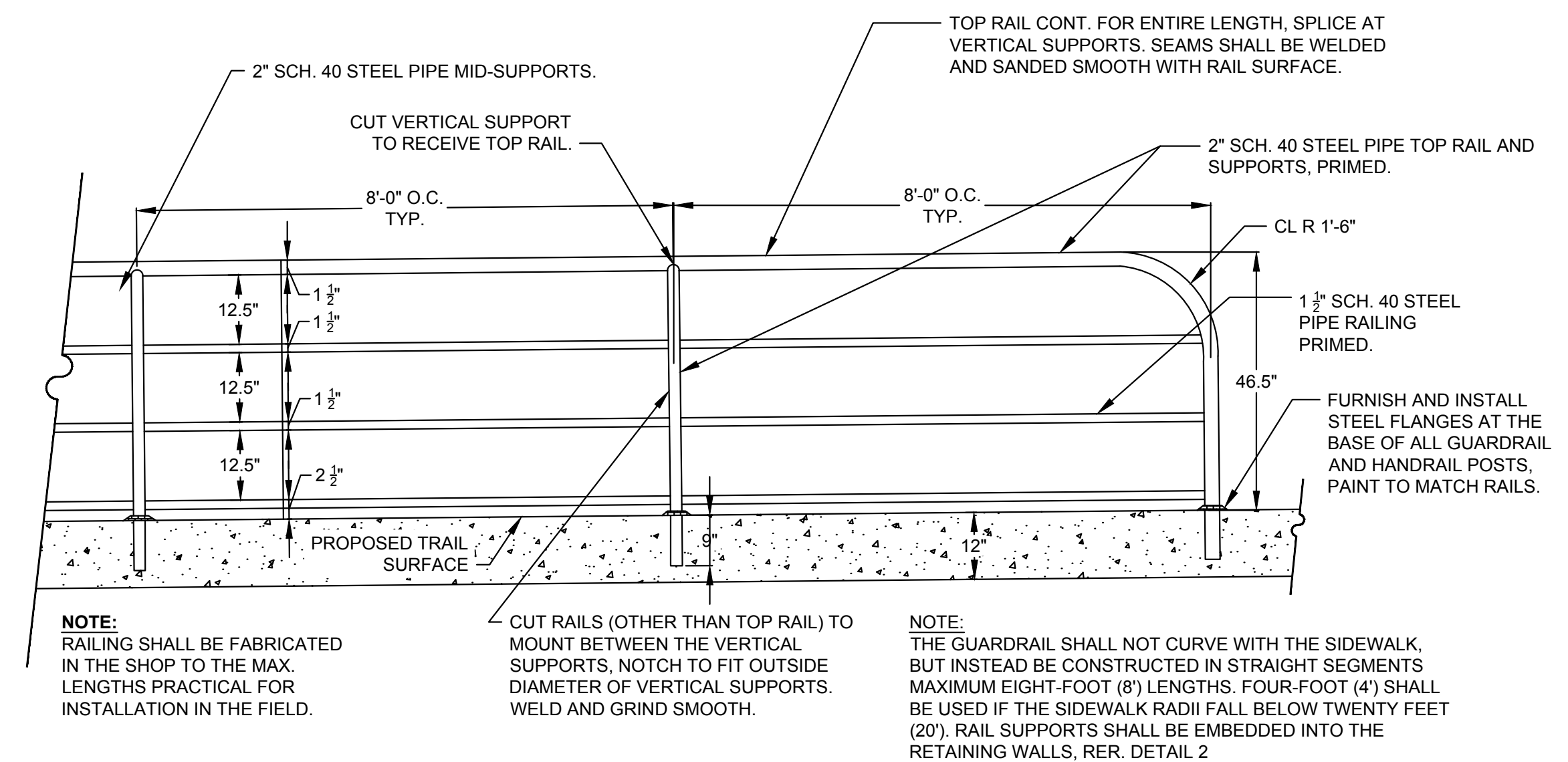
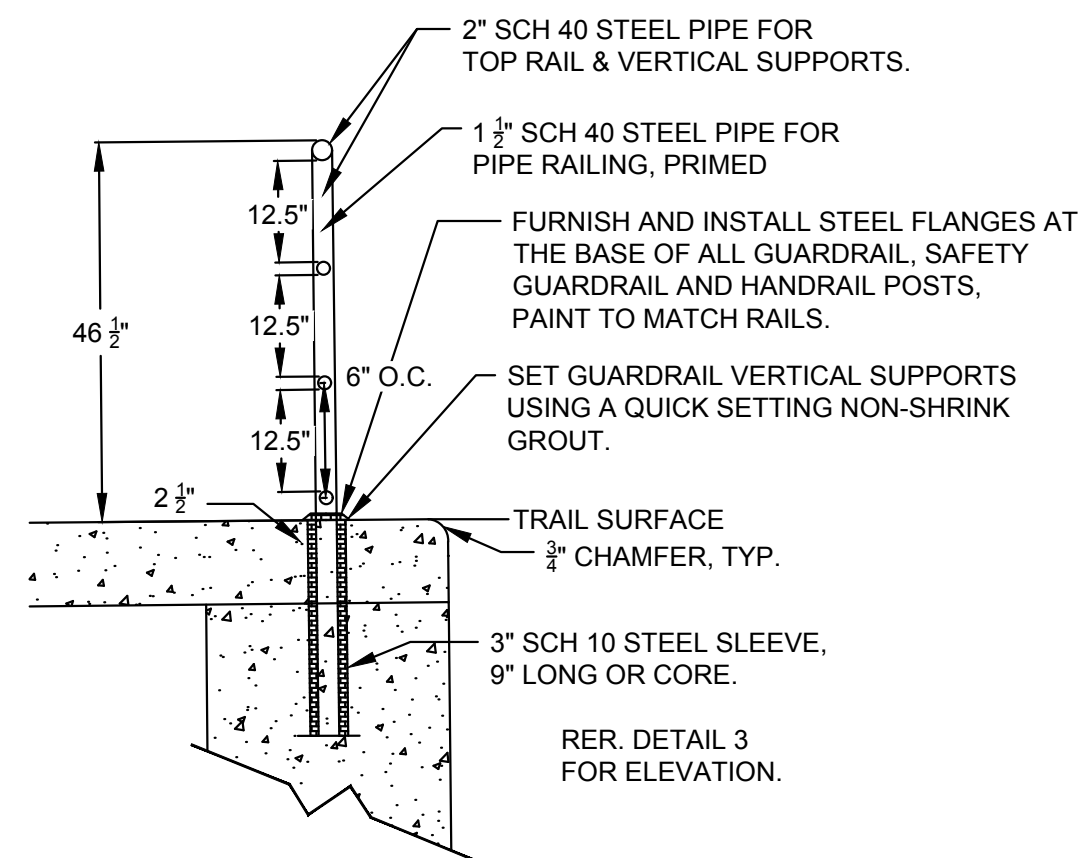
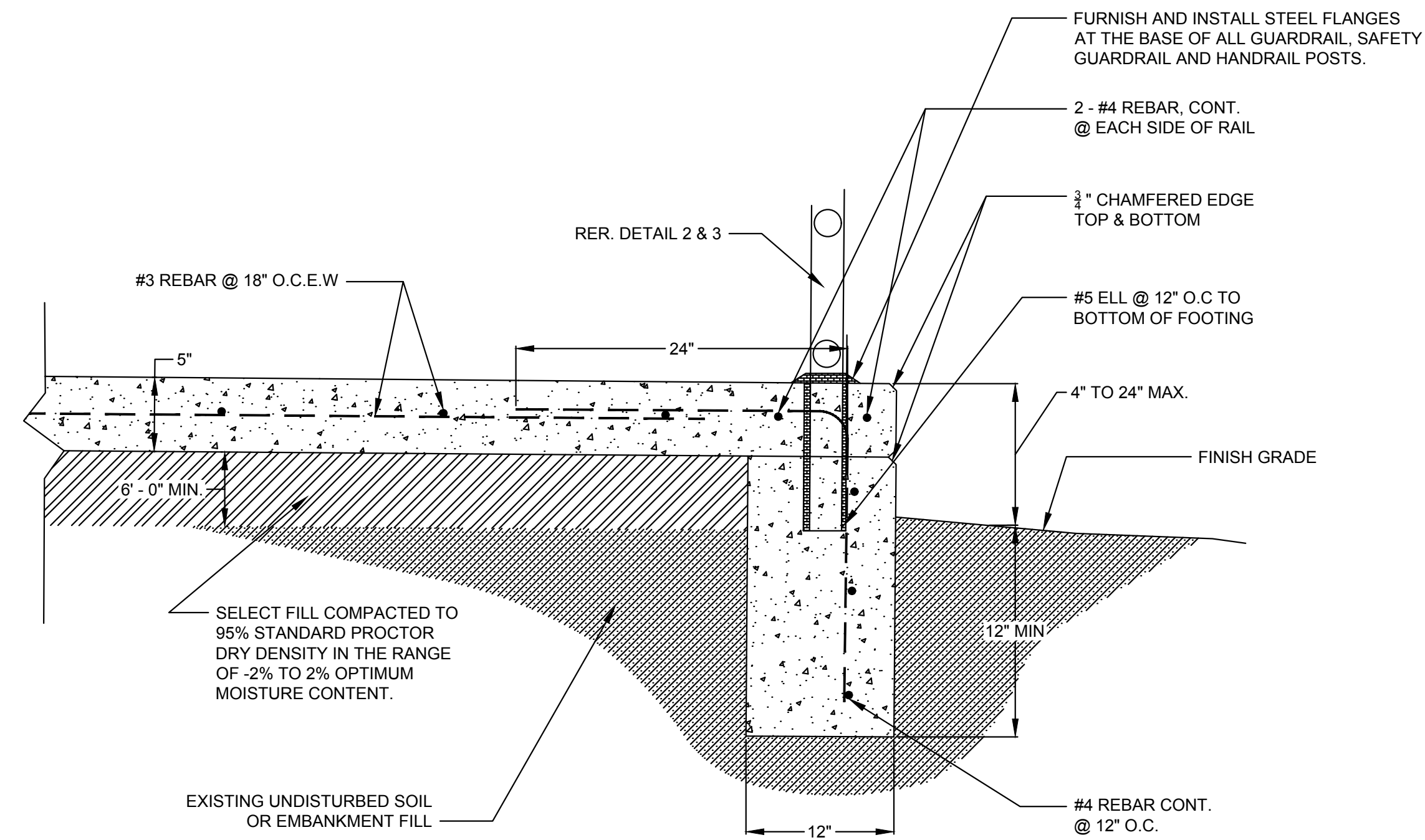


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TBPE FIRM NO. F-2697

EROSION CONTROL PLAN

WORKING NUMBER:
2025-19028-01

SHEET NUMBER:
7



NOTE:
PAINT RAILS TO MATCH
OVERTON RIDGE PARK RAILS

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TBPE FIRM NO. F-2697

NOTICE TO DRAWING HOLDER

REVISIONS

CITY OF KELLER

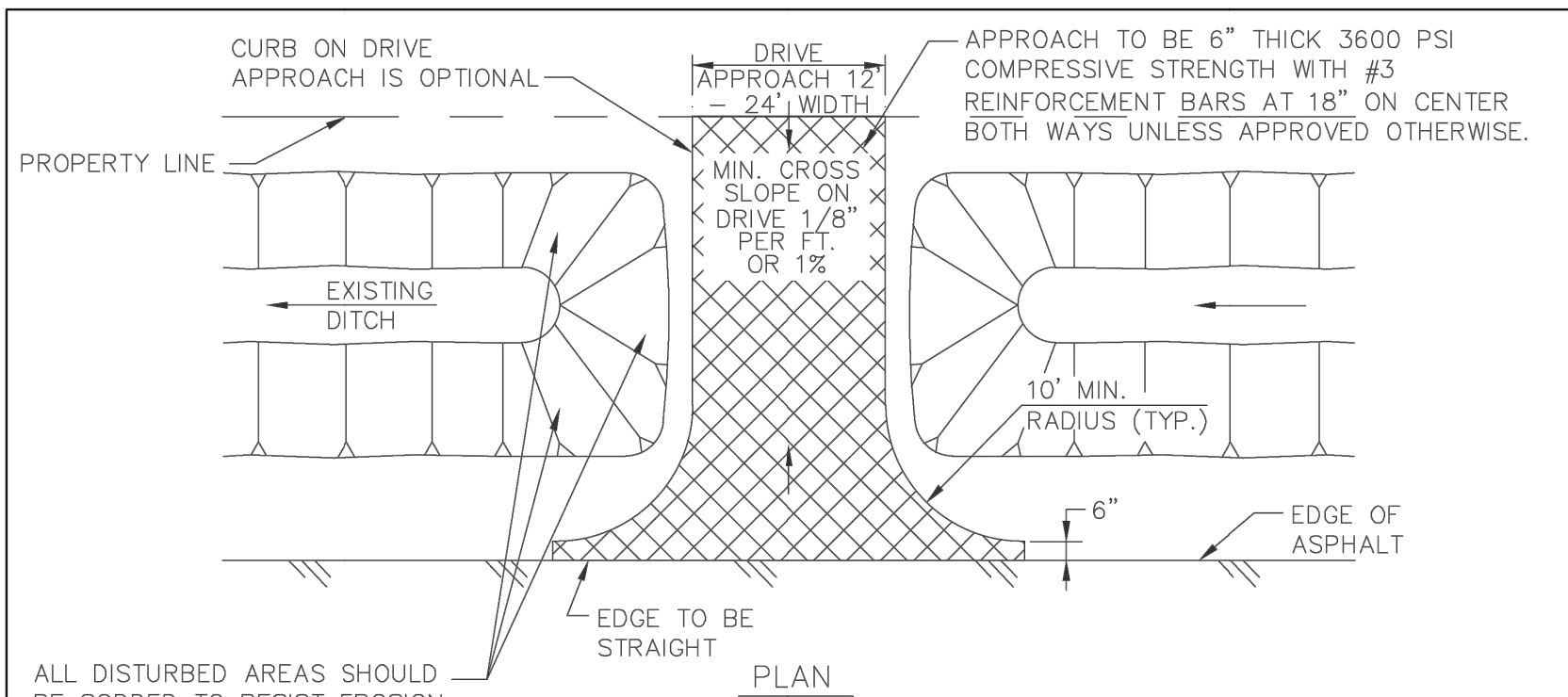


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2025-19028-01

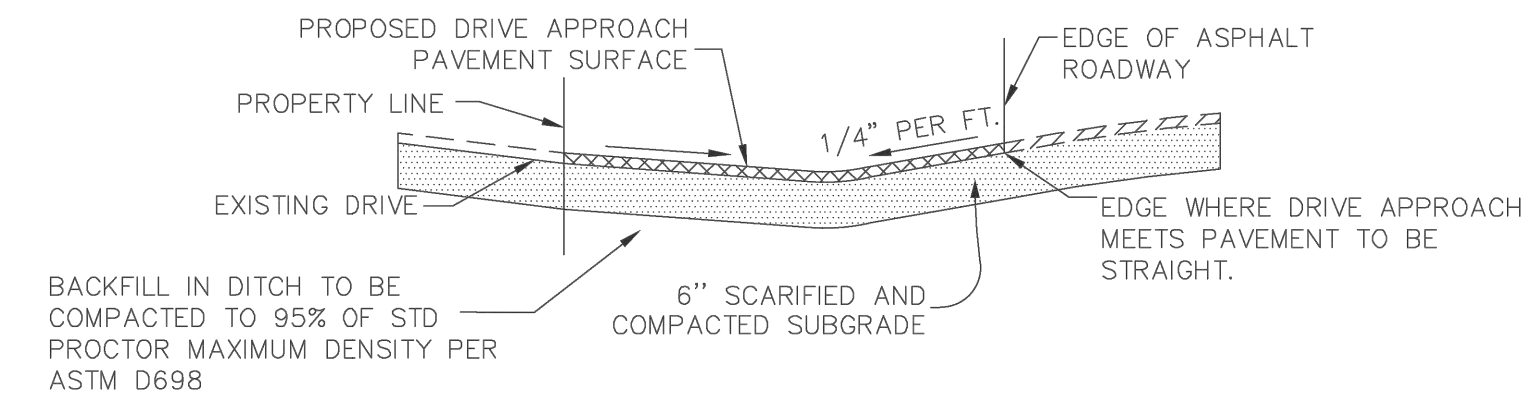
SHEET NUMBER:
8

PLOTTED BY: Daniel Bersnuch
PLOT TIME: 8/20/2025 12:40 PM
PLOT TABLE: Neel-Schaffer-NTX.ottb



ALL DISTURBED AREAS SHOULD BE SODDED TO RESIST EROSION (BOTH ENDS). SOD SHALL BE WATERED UNTIL ESTABLISHED

NOTE: UPSTREAM AND DOWNSTREAM GRADING IN ROADWAY DITCH IS PROPERTY OWNER'S RESPONSIBILITY DURING DRIVE APPROACH INSTALLATION.

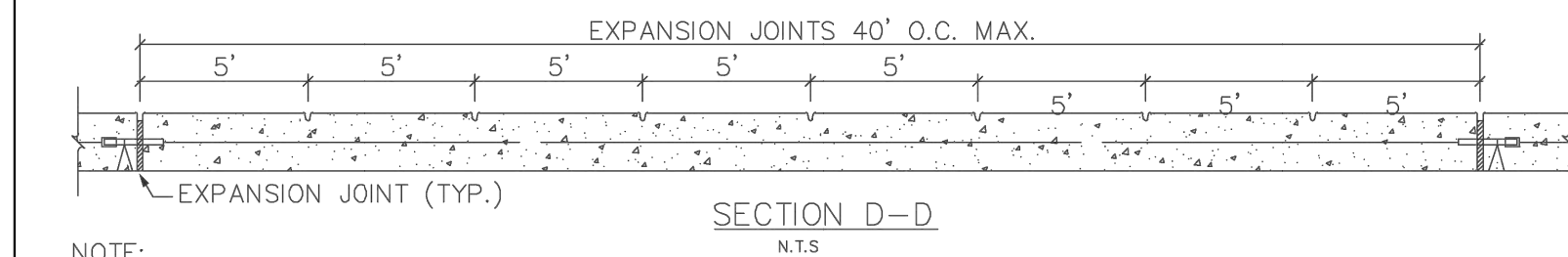
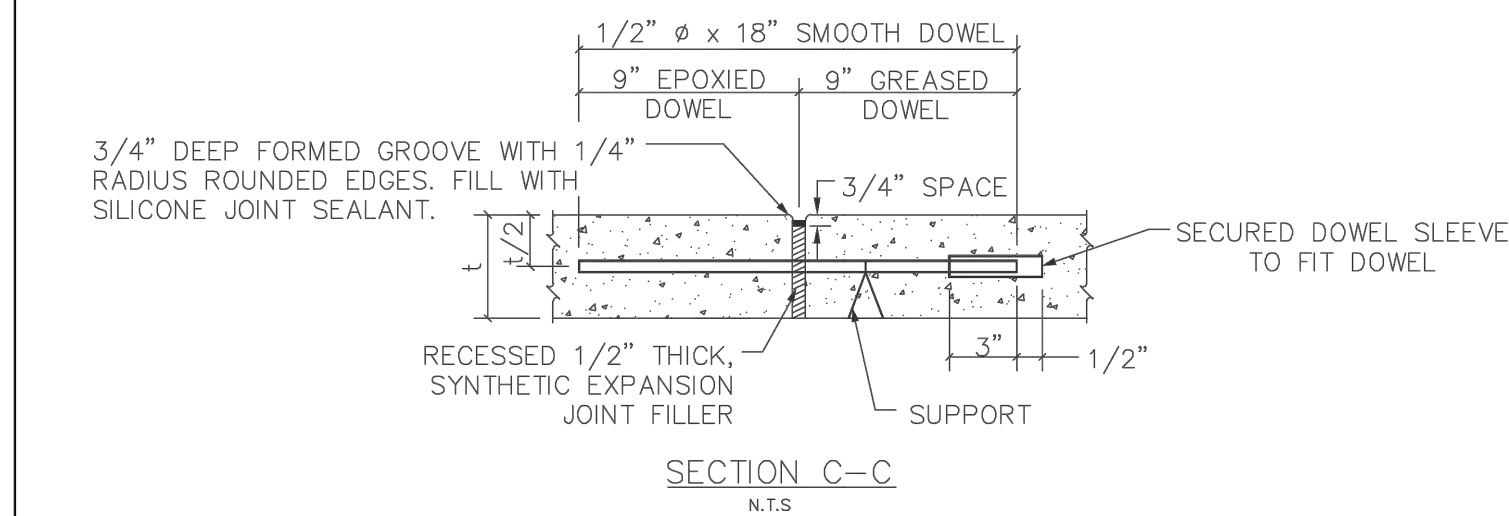
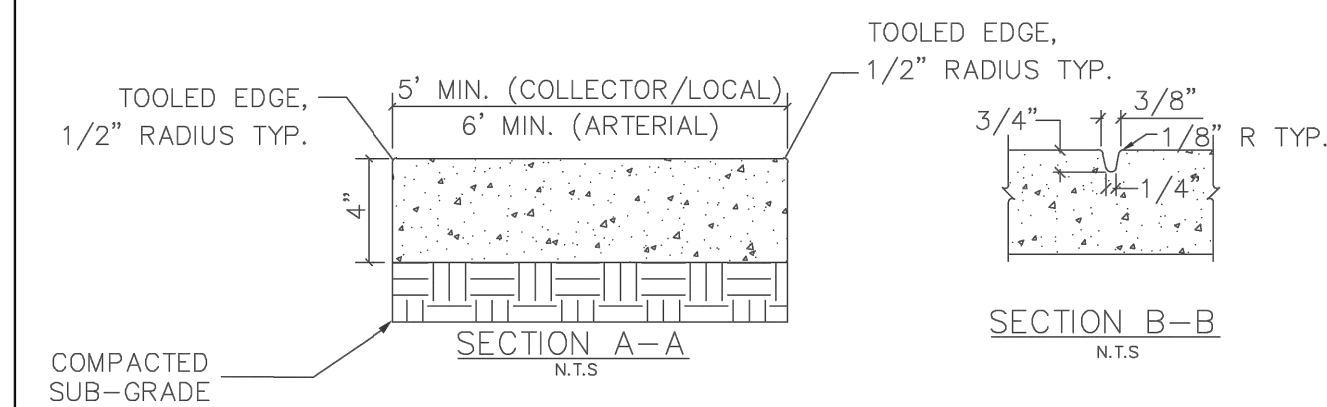
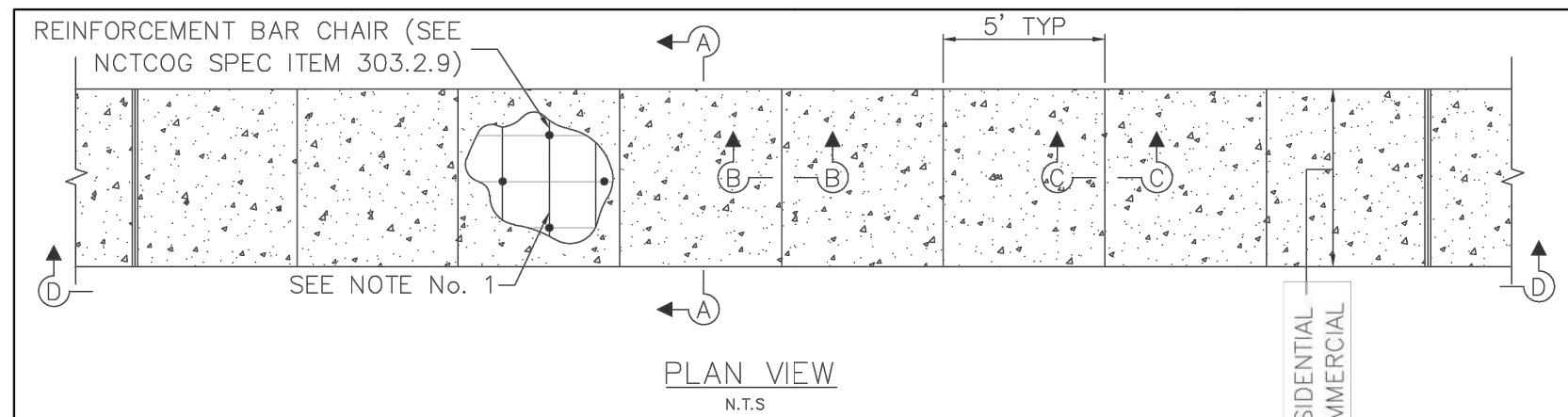


- NOTES:
1. FUTURE MAINTENANCE OF THE DRIVE APPROACH IS THE PROPERTY OWNER'S RESPONSIBILITY.
 2. ALL DITCH GRADING UPSTREAM AND DOWNSTREAM OF THE PROPOSED DRIVEWAY IS THE PROPERTY OWNER'S RESPONSIBILITY.
 3. DITCH GRADING MUST MATCH NEW LOW WATER CROSSING.
 4. ENTIRE DITCH AREA TO BE COVERED WITH GRASS SOD OR BE STABILIZED WITH CURLEX TYPE PRODUCT AND SEEDED BEFORE FINAL CITY INSPECTION ON DRIVE APPROACH IS SCHEDULED.



PAVING CONSTRUCTION DETAILS
RURAL DRIVE APPROACH WITHOUT CULVERT

REVISION DATE:
2/1/2024
SHEET: P-14

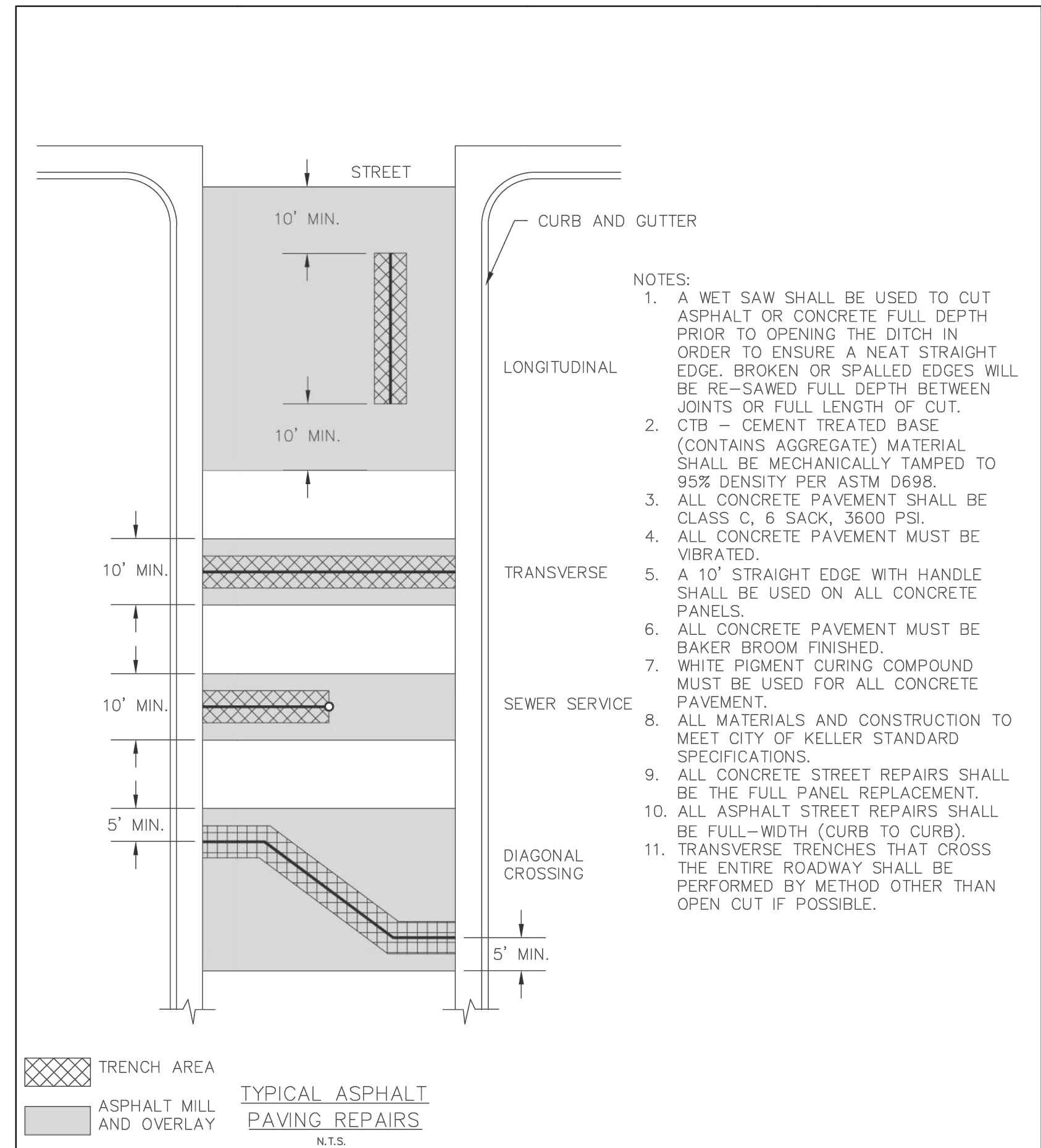


- NOTE:
1. REINFORCEMENT TO BE #3 BARS AT 18" O.C.E.W.
 2. DOWEL WITH #4 BARS AT 18" C-C WHEN CONNECTING TO EXISTING SIDEWALKS, DRIVEWAYS, CURBS AND GUTTER - MINIMUM PENETRATION 6".
 3. INSTALL 1/2" ϕ x 18" SMOOTH DOWELS @ 18" (GREASE ONE END & CAP) THROUGH EXPANSION JOINTS.
 4. CONCRETE FOR SIDEWALKS SHALL BE CLASS C 3600 PSI.
 5. ALL PROPOSED VALVES SHALL BE PLACED AT LEAST ONE FOOT OFF THE EDGE OF THE SIDEWALK. PROPOSED MANHOLES SHALL HAVE LIDS CENTERED IN THE SIDEWALK OR BLOCK OUT EXISTING VALVES/MANHOLES.
 6. SIDEWALK CROSS SLOPE 1/4"/FT (TYPICAL) MAX.
 7. EXPANSION JOINTS TO BE RECESSED 3/4" AND FILLED WITH SILICONE SEALANT.
 8. IF SIDEWALK IS LESS THAN 60" WIDE, A "PASSING SPACE" AT INTERVALS OF 200 FT SHALL BE PROVIDED. PASSING SPACE MUST BE 60" (MIN) BY 6" (MIN)



PAVING CONSTRUCTION DETAILS
CONCRETE SIDEWALK

REVISION DATE:
2/1/2024
SHEET: P-15



- NOTES:
1. A WET SAW SHALL BE USED TO CUT ASPHALT OR CONCRETE FULL DEPTH PRIOR TO OPENING THE DITCH IN ORDER TO ENSURE A NEAT STRAIGHT EDGE. BROKEN OR SPALLED EDGES WILL BE RE-SAWED FULL DEPTH BETWEEN JOINTS OR FULL LENGTH OF CUT.
 2. CTB - CEMENT TREATED BASE (CONTAINS AGGREGATE) MATERIAL SHALL BE MECHANICALLY TAMPED TO 95% DENSITY PER ASTM D698.
 3. ALL CONCRETE PAVEMENT SHALL BE CLASS C, 6 SACK, 3600 PSI.
 4. ALL CONCRETE PAVEMENT MUST BE VIBRATED.
 5. A 10' STRAIGHT EDGE WITH HANDLE SHALL BE USED ON ALL CONCRETE PANELS.
 6. ALL CONCRETE PAVEMENT MUST BE BAKER BROOM FINISHED.
 7. WHITE PIGMENT CURING COMPOUND MUST BE USED FOR ALL CONCRETE PAVEMENT.
 8. ALL MATERIALS AND CONSTRUCTION TO MEET CITY OF KELLER STANDARD SPECIFICATIONS.
 9. ALL CONCRETE STREET REPAIRS SHALL BE THE FULL PANEL REPLACEMENT.
 10. ALL ASPHALT STREET REPAIRS SHALL BE FULL-WIDTH (CURB TO CURB).
 11. TRANSVERSE TRENCHES THAT CROSS THE ENTIRE ROADWAY SHALL BE PERFORMED BY METHOD OTHER THAN OPEN CUT IF POSSIBLE.



PAVING CONSTRUCTION DETAILS
PERMANENT ASPHALT PAVEMENT REPAIR

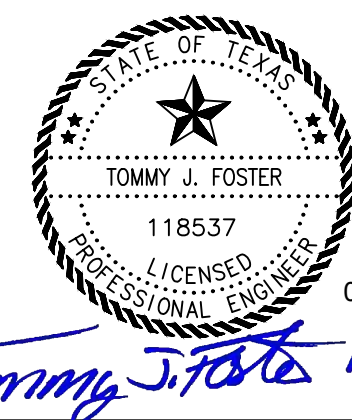
REVISION DATE:
2/1/2024
SHEET: P-19

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				DRWN: CM	DATE: 7/15/25
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				QA/QC:	DATE: 7/15/25

CITY OF KELLER
SIDEWALK ADDITIONS FY 24-25



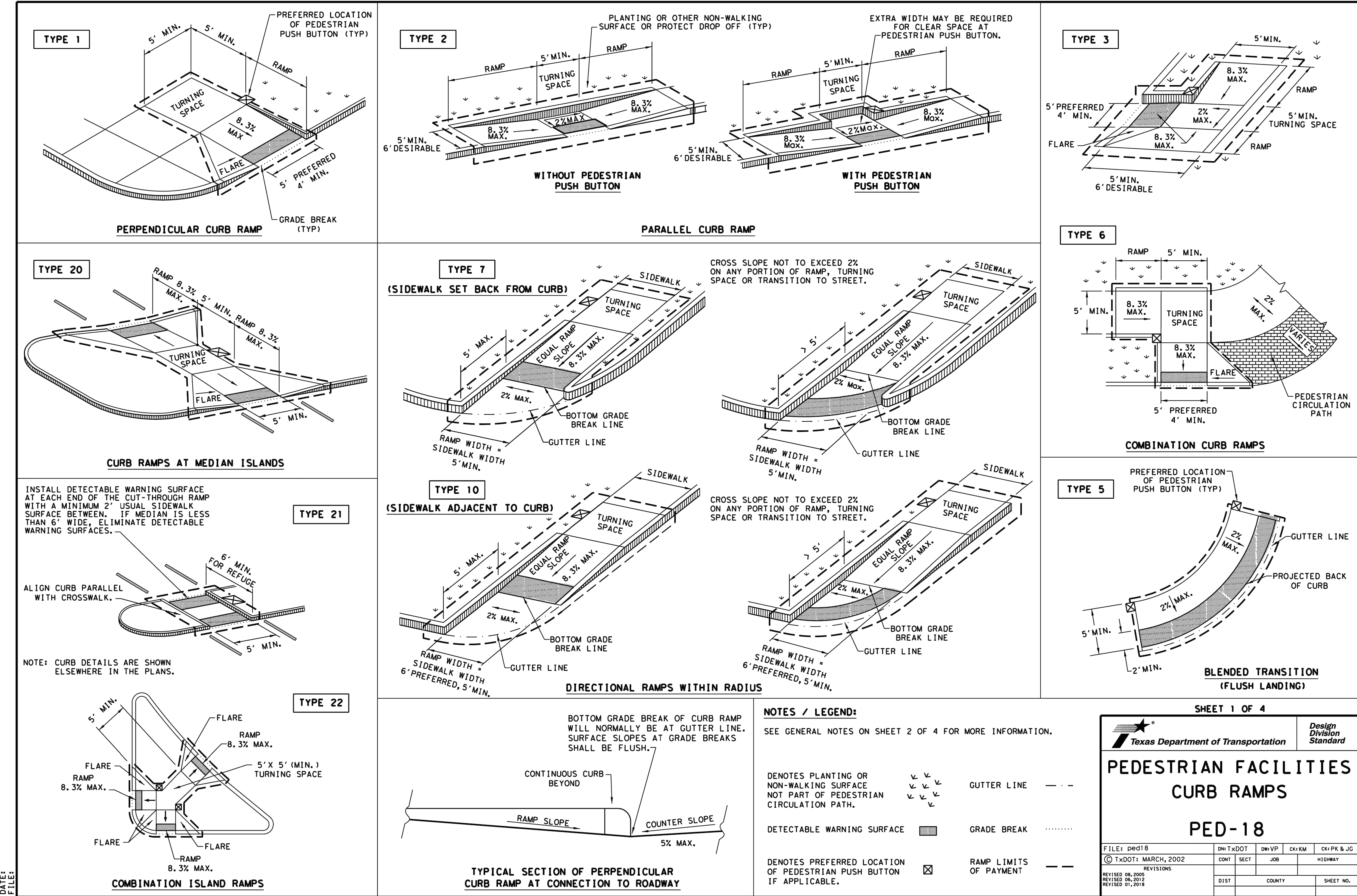
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TBPE FIRM NO. F-2697

CITY OF KELLER DETAILS

WORKING NUMBER:
2025-19028-01

SHEET NUMBER:
11

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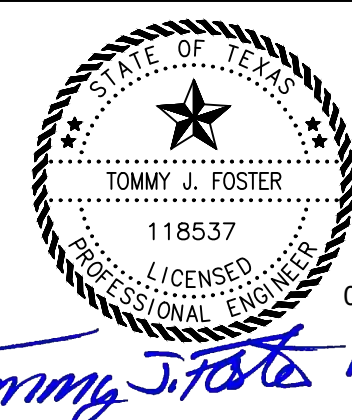
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				QA/QC:	DATE: 7/15/25

CITY OF KELLER

SIDEWALK ADDITIONS FY 24-25



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TXDOT DETAILS

WORKING NUMBER:
2025-19028-01

SHEET NUMBER:
13

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DATE: FILE:

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'x 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

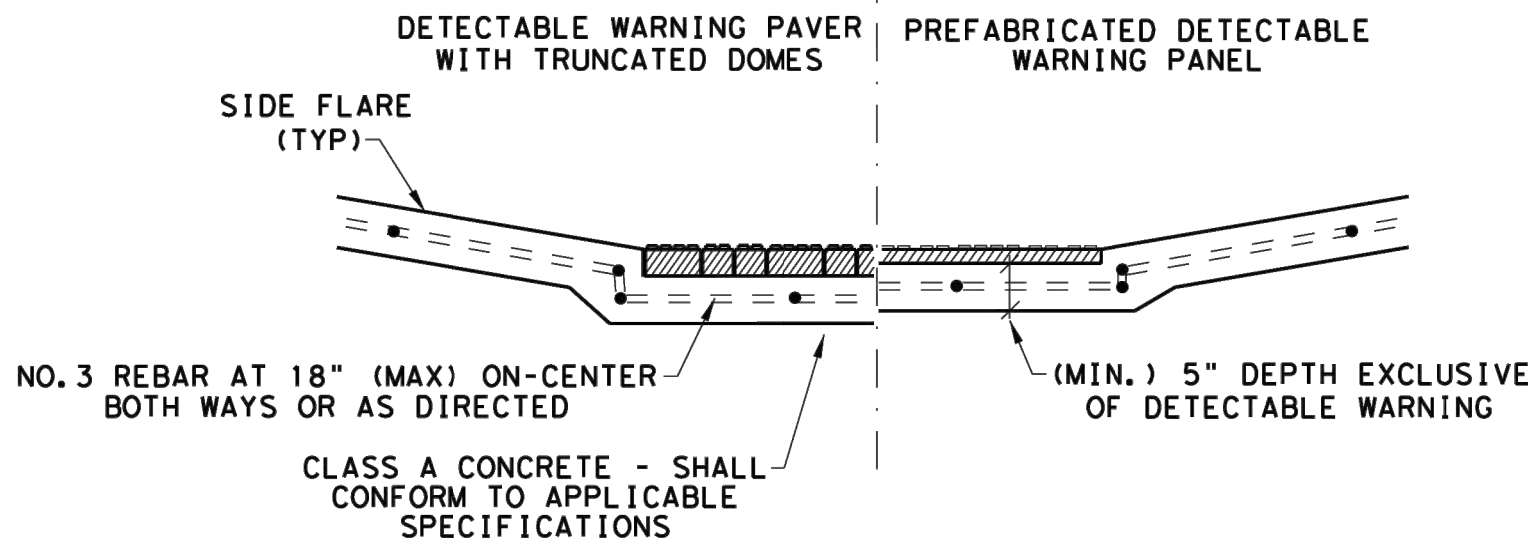
19. Curb ramps must contain a detectable warning surface that consists of raised truncated domes complying with PROWAG. The surface must contrast visually with adjoining surfaces, including side flares. Furnish and install an approved cast-in-place dark brown or dark red detectable warning surface material 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.

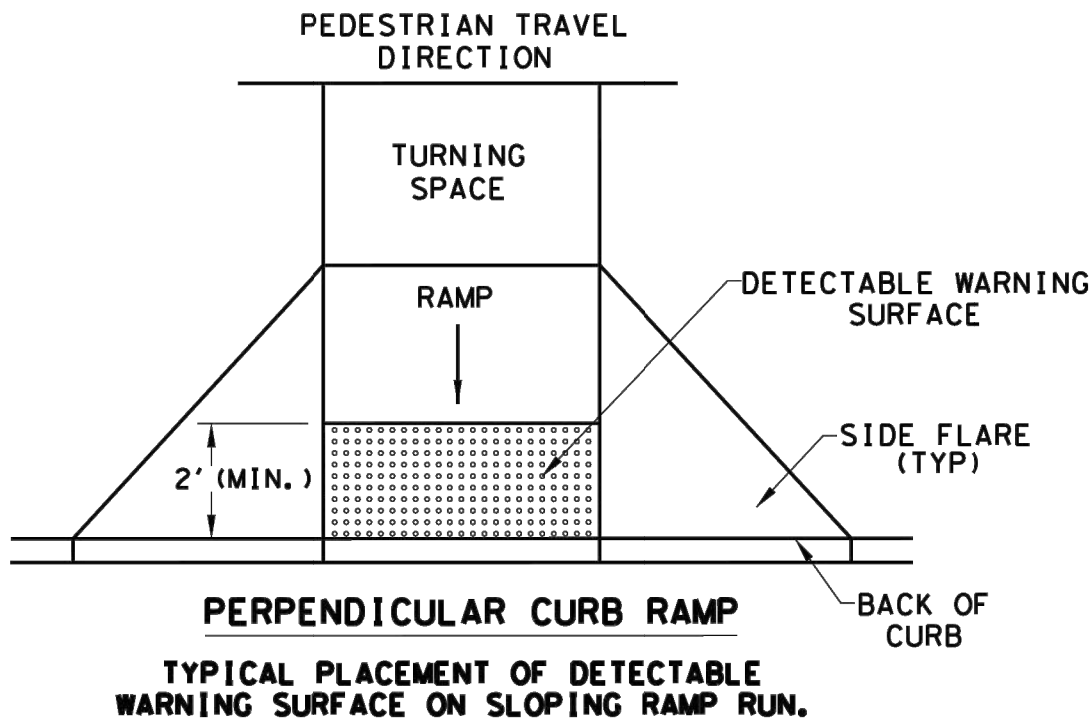
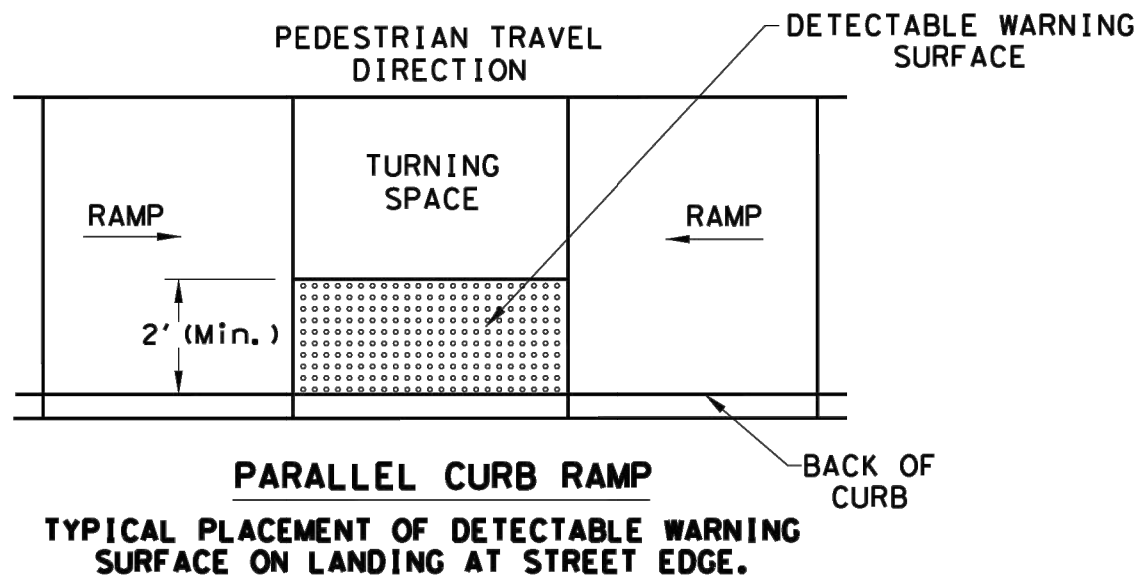
SIDEWALKS

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.
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.

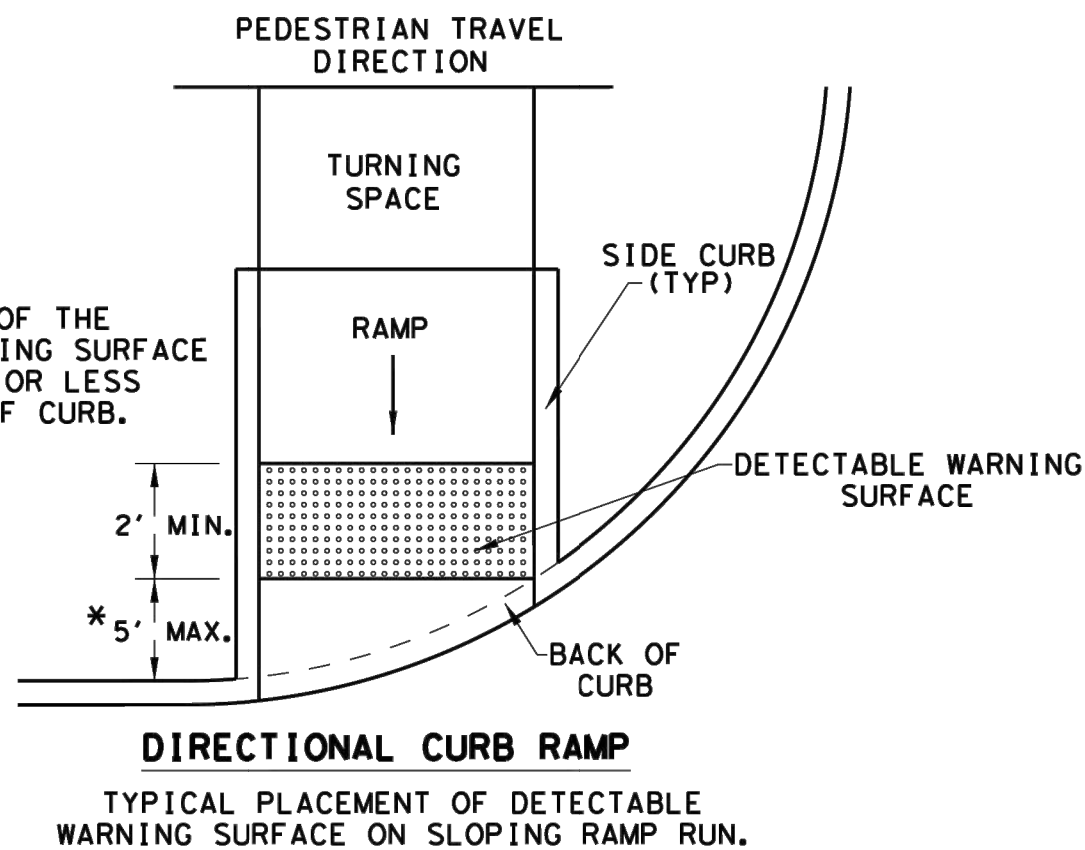


SECTION VIEW DETAIL
CURB RAMP AT DETECTABLE WARNINGS

DETECTABLE WARNING SURFACE DETAILS



*NOTE:
BOTH ENDS OF THE
DETECTABLE WARNING SURFACE
SHALL BE 5' OR LESS
FROM BACK OF CURB.



SHEET 2 OF 4

		Design Division Standard	
PEDESTRIAN FACILITIES CURB RAMPS			
PED-18			
FILE: ped18	DN: TxDOT	DN: VP	CK: KM
© TxDOT: MARCH, 2002	CONT	SECT	JOB
REVISIONS		HIGHWAY	
REVISED 08/2005			
REVISED 08/2012			
REVISED 01/2018			
DIST	COUNTY	SHEET NO.	

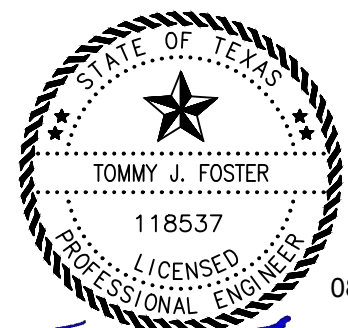
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				DRWN: CM	DATE: 7/15/25
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				QA/QC:	DATE: 7/15/25

CITY OF KELLER

SIDEWALK ADDITIONS FY 24-25



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Solutions you can build upon

TBPE FIRM NO. F-2697

TXDOT DETAILS

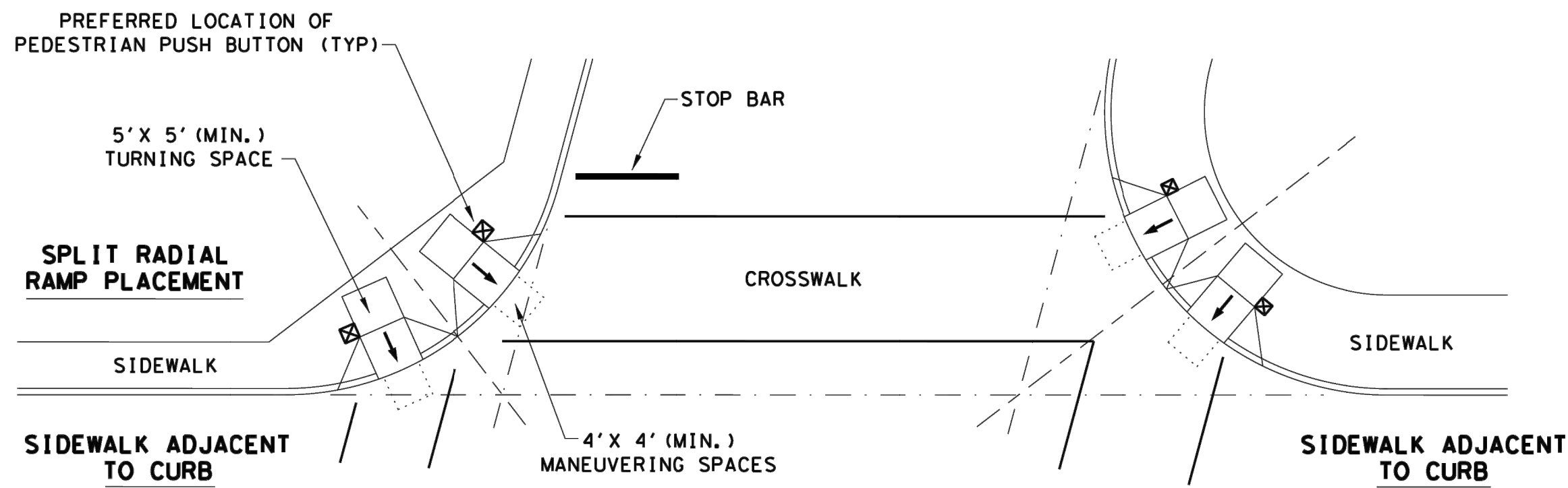
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SHEET NUMBER:
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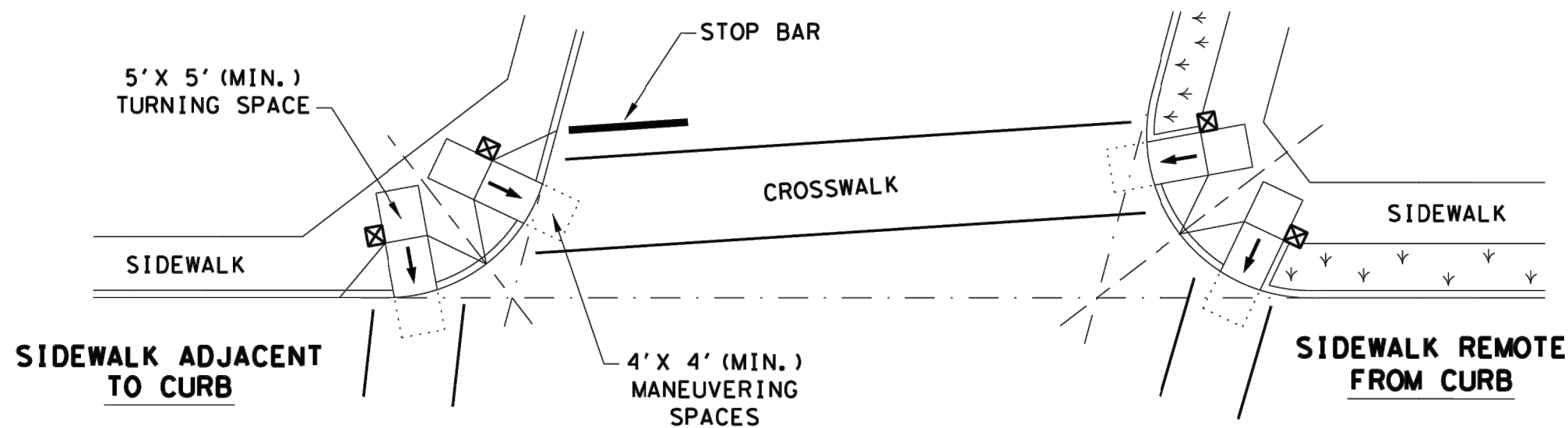
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DATE:
FILE:

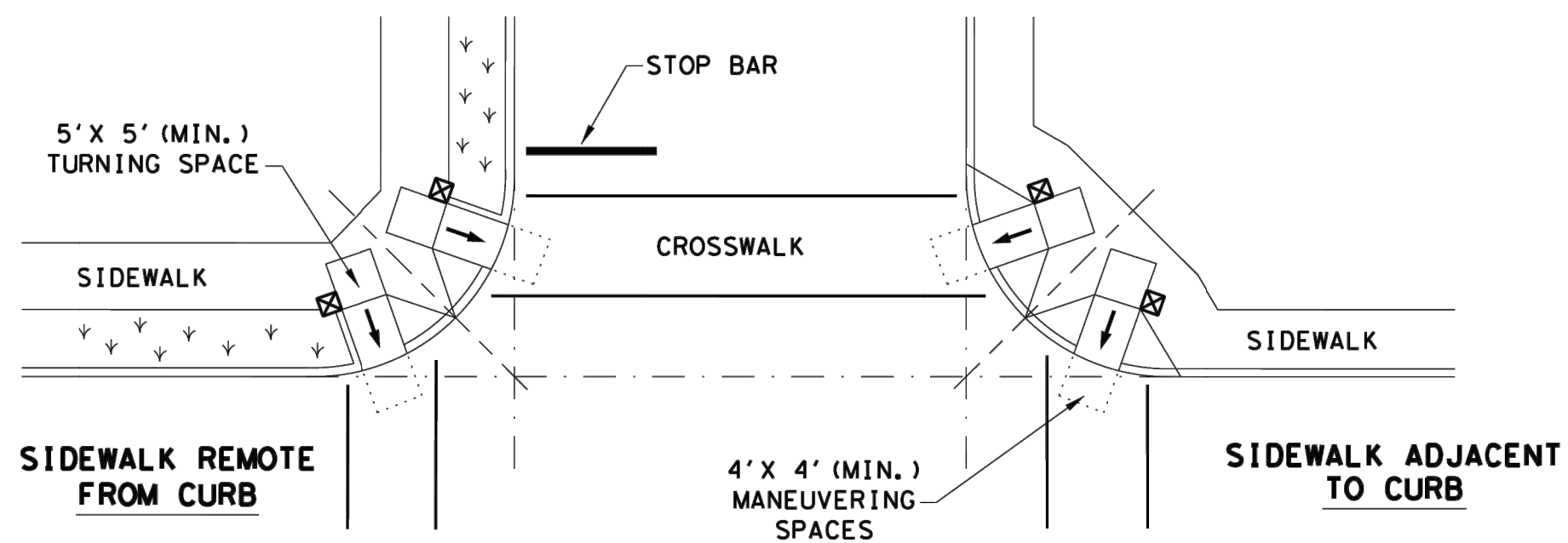
TYPICAL CROSSING LAYOUTS
SEE SHEET 1 OF 4 FOR DETAILS AND DIMENSIONS



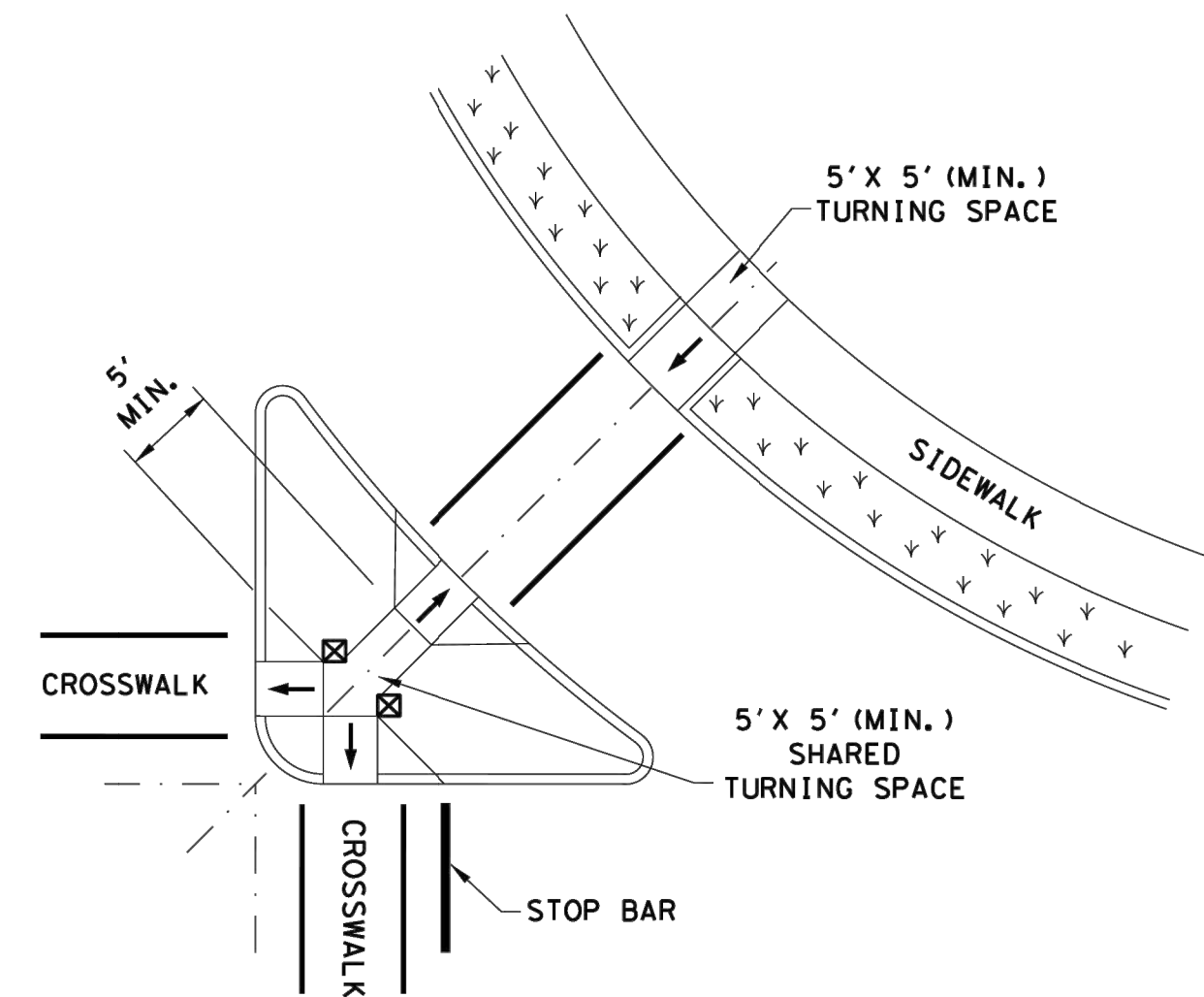
SKEWED INTERSECTION WITH "LARGE" RADIUS



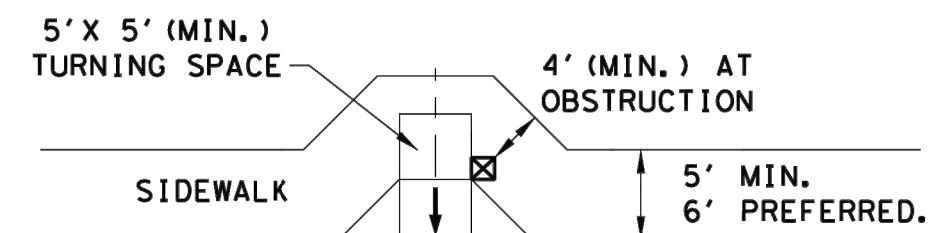
SKEWED INTERSECTION WITH "SMALL" RADIUS



NORMAL INTERSECTION WITH "SMALL" RADIUS

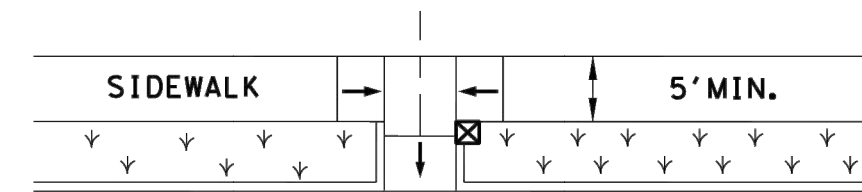


AT INTERSECTION
W/FREE RIGHT TURN & ISLAND



SIDEWALK ADJACENT
TO CURB

MID-BLOCK PLACEMENT
PERPENDICULAR RAMP



SIDEWALK REMOTE
FROM CURB

LEGEND:

SHOWS DOWNWARD SLOPE. →

DENOTES PREFERRED LOCATION OF PEDESTRIAN
PUSH BUTTON (IF APPLICABLE). ☒

DENOTES PLANTING OR NON-WALKING SURFACE
NOT PART OF PEDESTRIAN CIRCULATION PATH. ~~~~

SHEET 4 OF 4

		Design Division Standard	
PEDESTRIAN FACILITIES CURB RAMPS			
PED-18			
FILE: ped18	DN: TxDOT	DN: VP	CK: PK & JG
© TxDOT: MARCH, 2002	CONT	SECT	JOB
REVISIONS		HIGHWAY	
REVISED 08, 2005	DIST	COUNTY	SHEET NO.
REVISED 06, 2012			
REVISED 01, 2018			

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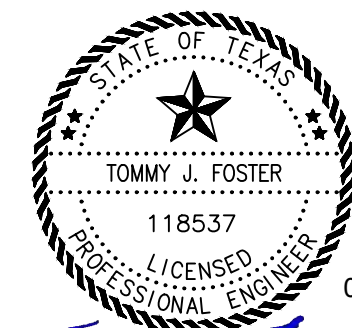
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CITY OF KELLER

SIDEWALK ADDITIONS FY 24-25



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TBPE FIRM NO. F-2697

TXDOT DETAILS

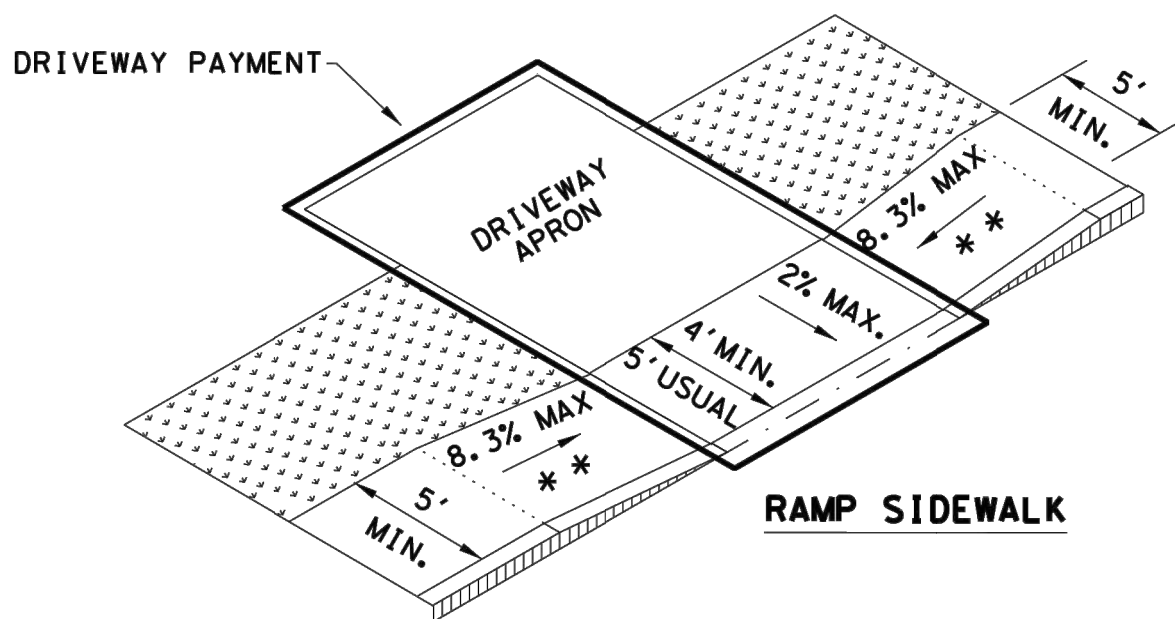
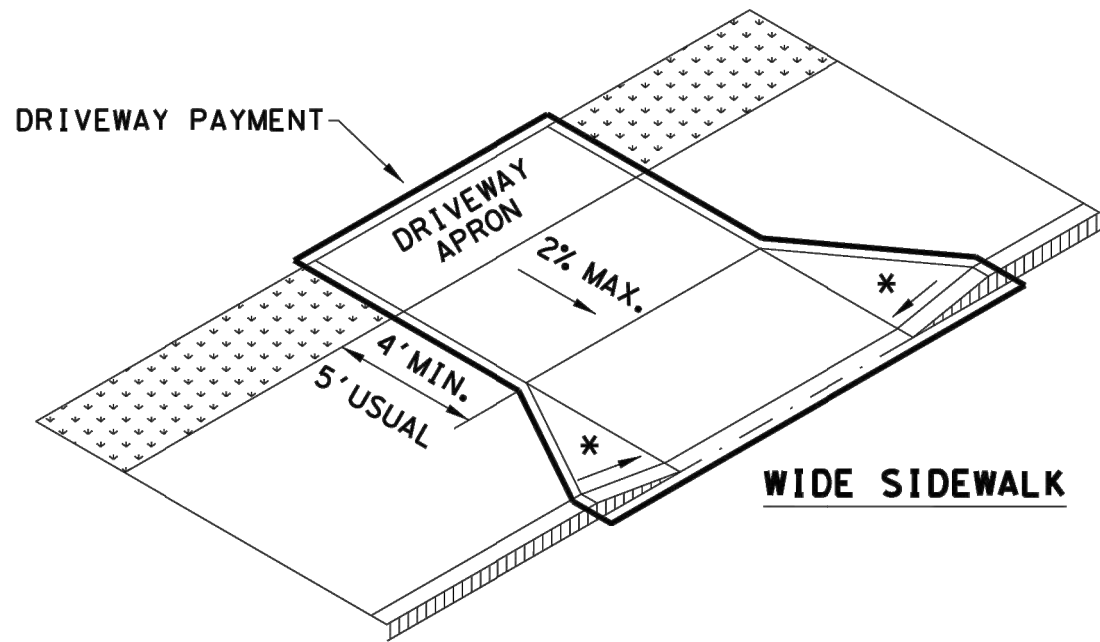
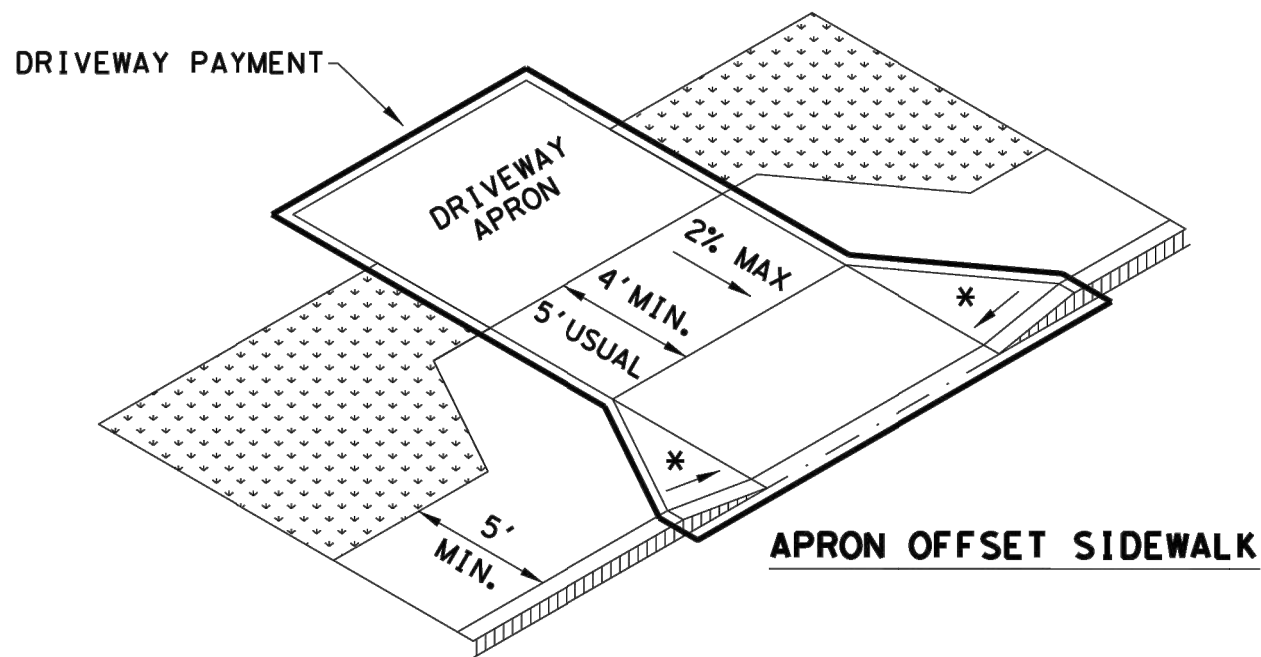
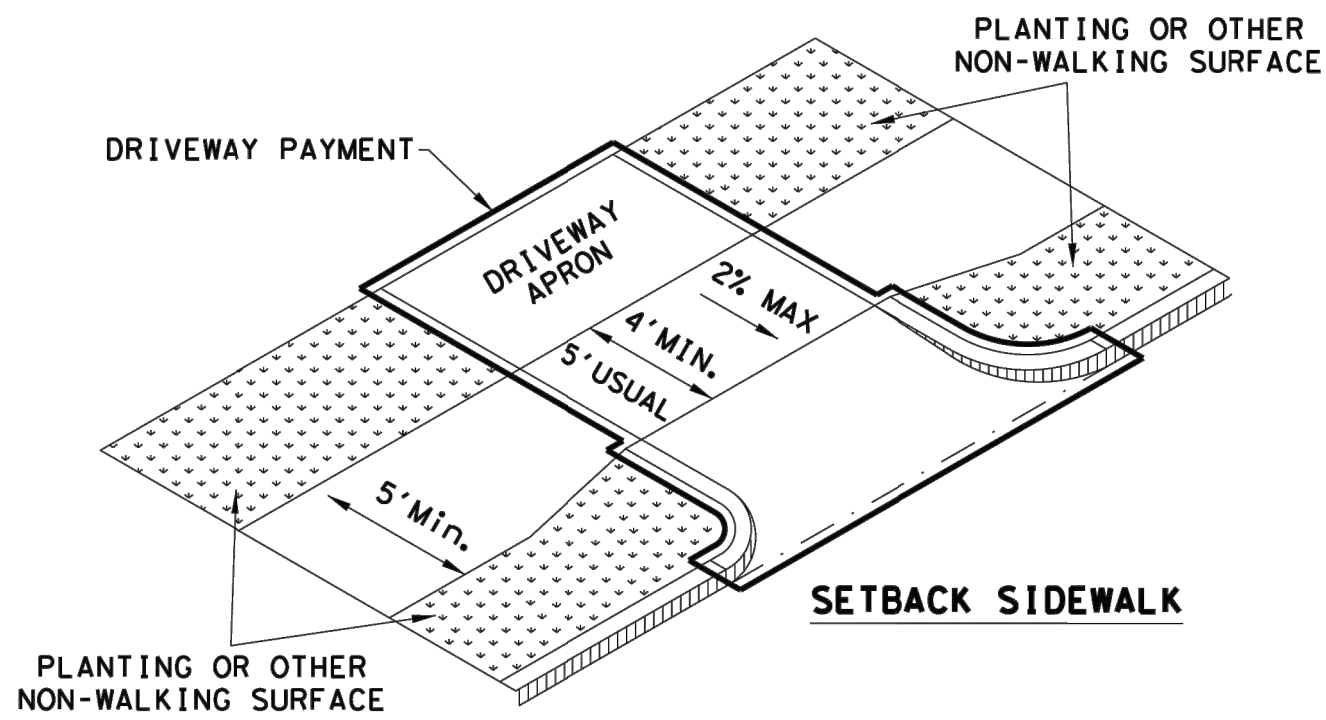
WORKING NUMBER:
2025-19028-01

SHEET NUMBER:
15

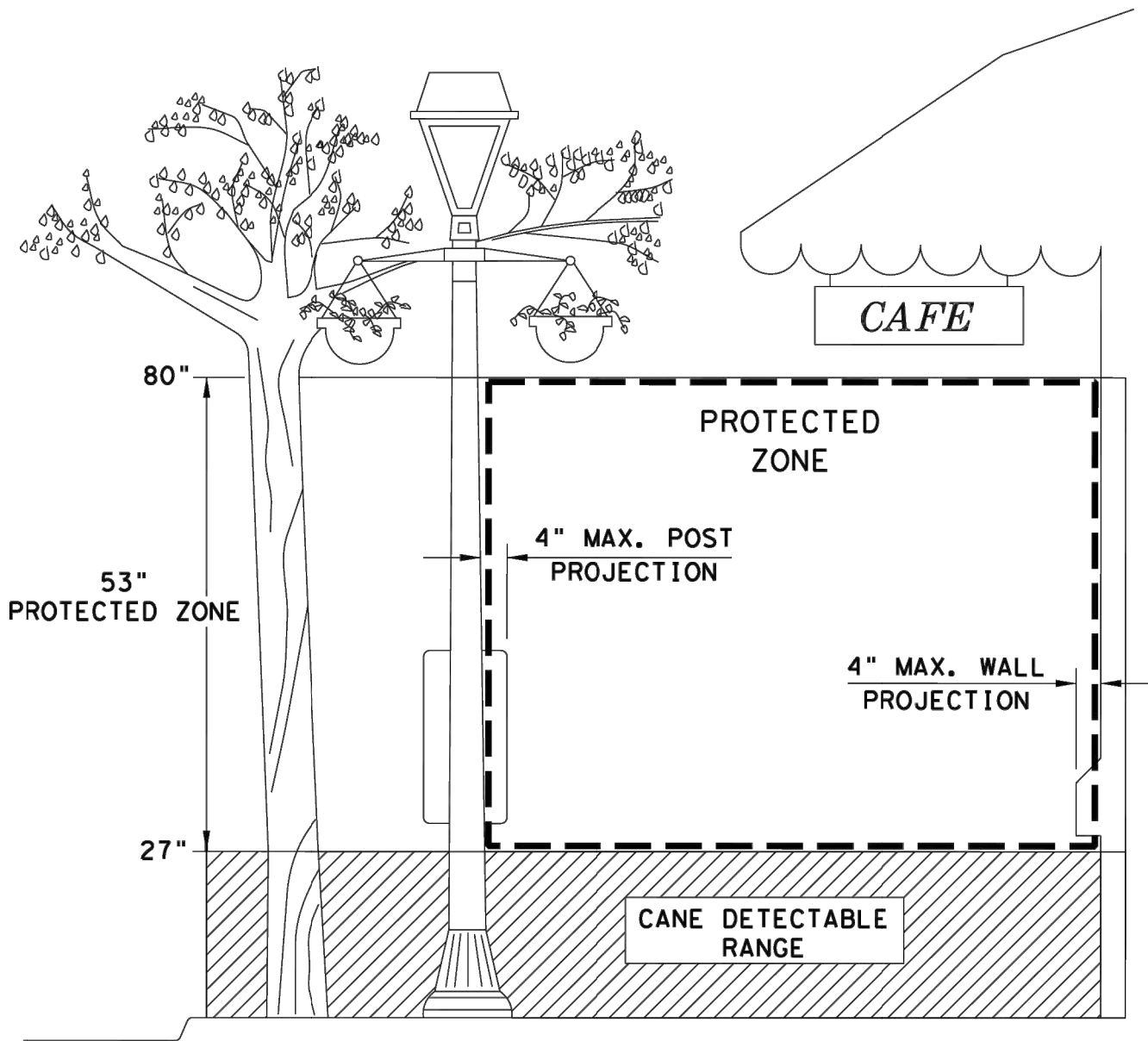
DISCLAIMER:
This drawing is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever.
TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

DATE:
FILE:

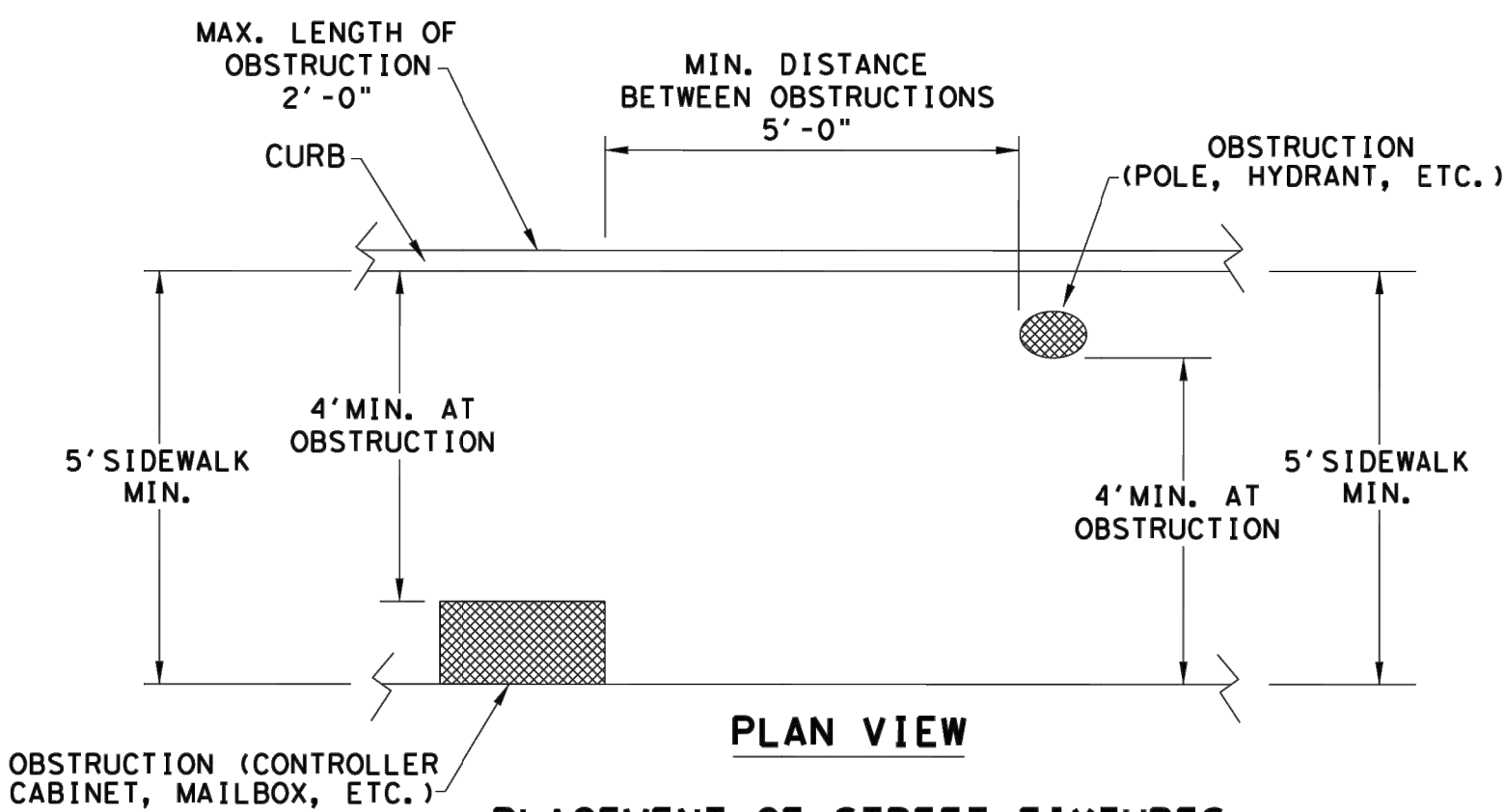
SIDEWALK TREATMENT AT DRIVEWAYS



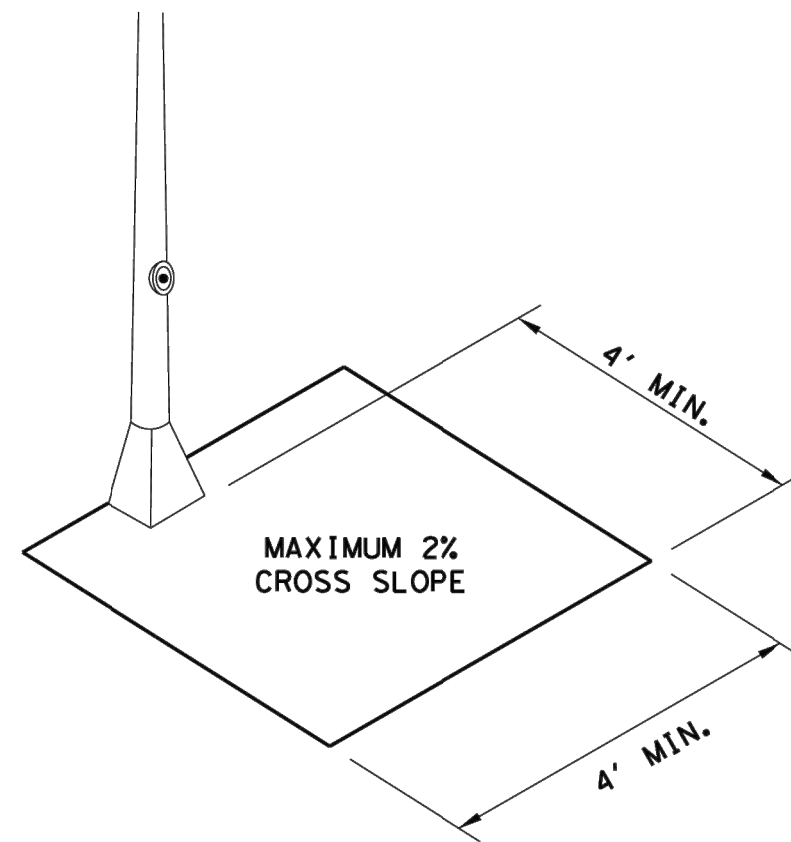
- NOTES:
- * WHERE DRIVEWAYS CROSS THE PEDESTRIAN ROUTE, SIDES SHALL BE FLARED AT 10% MAX SLOPE.
 - ** IF CURB HEIGHT IS GREATER THAN 6 INCHES, USE GRADE LESS THAN OR EQUAL TO 5%. HANDRAIL AND DETECTABLE WARNING ARE NOT REQUIRED.



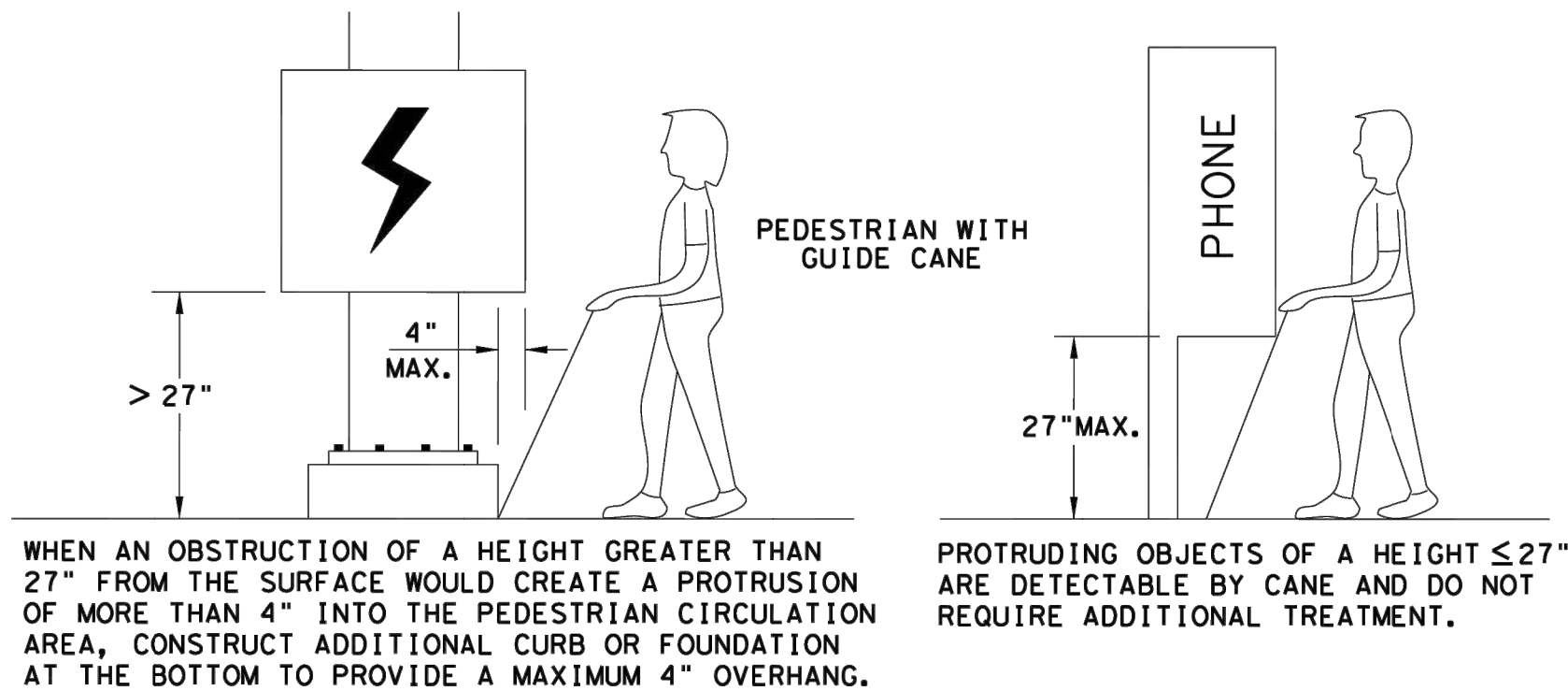
NOTE: IN PEDESTRIAN CIRCULATION AREA, MAXIMUM 4" PROJECTION FOR POST OR WALL MOUNTED OBJECTS BETWEEN 27" AND 80" ABOVE THE SURFACE.



NOTE: ITEMS NOT INTENDED FOR PUBLIC USE. MINIMUM 4' X 4' CLEAR GROUND SPACE REQUIRED AT PUBLIC USE FIXTURES.



CLEAR SPACE ADJACENT TO PEDESTRIAN PUSH BUTTON



DETECTION BARRIER FOR VERTICAL CLEARANCE < 80"

SHEET 3 OF 4

Texas Department of Transportation		Design Division Standard	
PEDESTRIAN FACILITIES			
CURB RAMPS			
PED-18			
FILE: ped18	DN: TxDOT	DW: VP	CK: KM
© TxDOT: MARCH, 2002	CONT	SECT	JOB
REVISIONS		HIGHWAY	
REVISED 08, 2005	DIST	COUNTY	SHEET NO.
REVISED 06, 2012			
REVISED 01, 2018			

NOTICE TO DRAWING HOLDER

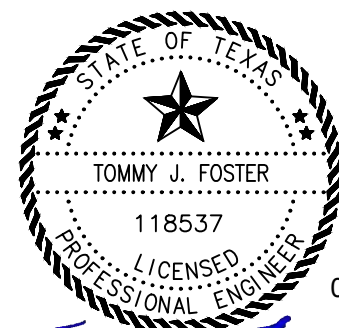
NEEL-SCHAFFER, INC., HEREINAFTER REFERRED TO AS THE ENGINEER HAS PREPARED AND FURNISHED THIS DRAWING TO THE OWNER FOR USE ON THIS PROJECT ONLY. THIS DRAWING SHOULD NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT. ANY REUSE OF THIS DRAWING, WITHOUT WRITTEN VERIFICATION OR ADAPTATION 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.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DRAWING INFORMATION	
N-S PROJECT NO.: 00.19028	
FILENAME:	
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

CITY OF KELLER

SIDEWALK ADDITIONS FY 24-25



08/20/2025



TBPE FIRM NO. F-2697

TXDOT DETAILS

WORKING NUMBER:
2025-19028-01

SHEET NUMBER:
16

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