ROADWAY PARTICIPATION AGREEMENT

This Roadway Participation Agreement ("<u>Agreement</u>") is entered into as of the Effective Date, as hereinafter defined, by and between the City of Pflugerville, a home-rule city in Travis and Williamson Counties, Texas (the "<u>City</u>") and Hill Country Bible Church Pflugerville ("<u>Owner</u>"), a Texas nonprofit corporation.

RECITALS

- A. Owner owns that certain 48.67 acres of land in Travis County, Texas (the "Church Tract") more particularly described by the subdivision plat approved by P&Z on Febuary 1, 2021 is attached Exhibit "A" (the "Plat"). The City Council approved PUD Ordinance No. 1478-21-02-09 on February 9, 2021 (the "PUD Ordinance").
- B. The City and Owner desire to provide for the dedication and construction of a 50' minor collector road, called Wilke Ridge Lane (the "Road") over and across the Church Tract as shown on the Plat attached as Exhibit A and as described in the City's Transportation Plan (the "Right of Way"). The 50' is a result of building a 10' wide sidewalk just outside of the ROW to prevent tear out when the Road is built. The sidewalk will be built with the veloway in Phase 1.
- C. The City and Owner desire to provide for detention to detain runoff from the Road, for the City to construct the storm sewer infrastructure, and the Owner to convey a 15' non exclusive drainage easement consistent with the PUD Ordinance.
- D. The City and Owner have held a predesign meeting and the City has reviewed and approved the 30% construction plans for the Road. The City acknowledges that the plans deviate from the Master Transportation Plan collector cross section in order to reduce impact to the adjacent neighborhood, provide on-street parking for the amenities associated with the Hill Country Church property, and ensure pedestrian connectivity is maintained, and are otherwise acceptable to the City. See the 30% construction plans which are titled Wilke Ridge Lane Roadway Extension for City of Pflugerville and attached as Exhibit "B".
- E. The City and Owner desire to set forth the terms under which Owner will dedicate the Right of Way to the City and the City will complete the design of and construct the Road.

AGREEMENT

NOW THEREFORE, KNOW ALL PERSONS BY THESE PRESENTS, that for and in consideration of the promises and covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which is acknowledged and confessed, City and Owner do hereby agree as follows:

1. Owner will pay for the actual cost of preparing 30% construction plans for the Road, and will not seek reimbursement from the City for this cost. Owner shall have no further responsibility for the design, construction or maintenance of the Road after it dedicates the Right of Way to the City. The curb cut locations into the Owner's property currently shown on pages 4 and 5 in the attached Exhibit "D" are approved at no additional cost to Owner.

The curb cuts meet minimum driveway spacing requirements as required by the Unified Development Code and are in mutually agreeable locations to the City and Owner.

- 2. Simultaneous with the approval of the Plat, Owner shall dedicate the Right of Way to the City without cost to the City, and the City shall accept the dedication. Owner's obligation to dedicate the Right of Way is contemporaneous with the approval of the Plat.
- 3. The City shall have the right to use the 30% construction plans provided by Owner to complete the design of the Road. The City, however, shall bear the full cost of completing the design of and constructing and maintaining the Road.
- 4. The City acknowledges that Hill Country Bible Church PUD, approved by the City Council in 2021, includes a detention pond located in the southeast corner of the PUD property that has been designed and engineered to detain the runoff from the Road. The 30% construction plans include storm sewer infrastructure that conveys runoff from the Road to the detention pond. The storm sewer infrastructure will be constructed by the City and at the City's cost when the Road is built. Related to the storm sewer infrastructure, the Owner will convey a 15 foot non-exclusive drainage eaement to the City simultaneous with the City approval of the construction plans for the public improvements on the PUD property.
- 5. This Agreement shall be recorded in the office of the County Clerk of Travis County, Texas.
- 6. Each party warrants and represents that the person(s) executing this Agreement on behalf of that party have the full right, power and authority to do so without the joinder of any other person.
- 7. All notices, demands and requests which may be given or which are required to be given by either party to the other under this Agreement shall be in writing and shall be deemed effective when: (i) personally delivered to the intended recipient; (ii) sent, by certified or registered mail, return receipt requested, addressed to the intended recipient at the address specified below; (iii) delivered in person to the address set forth below for the party to whom the notice was given; or (iv) deposited into the custody of a recognized overnight delivery service. For purposes of this Agreement the addresses of the parties for all notices are as follows (unless changed by similar notice in writing given by the particular person whose address is to be changed):

If to City: City of Pflugerville

Attn: City Manager

100 E. Main St., Suite 300 Pflugerville, TX 78660

With a copy to: City Attorney

Denton Navarros Rocha Bernal & Zech, P.C.

Attn: Charles E. Zech

2500 W. William Cannon Drive, Suite 609

Austin, Texas 78745

If to Owner: Hill Country Bible Church Pflugerville

Attn: Michael Waldon 303 E. Pflugerville Parkway Pflugerville, TX 78660

With copy to: Hill Country Bible Church Pflugerville

Attn: Administrative Asssistant to the Pastor

303 E. Pflugerville Parkway Pflugerville, TX 78660

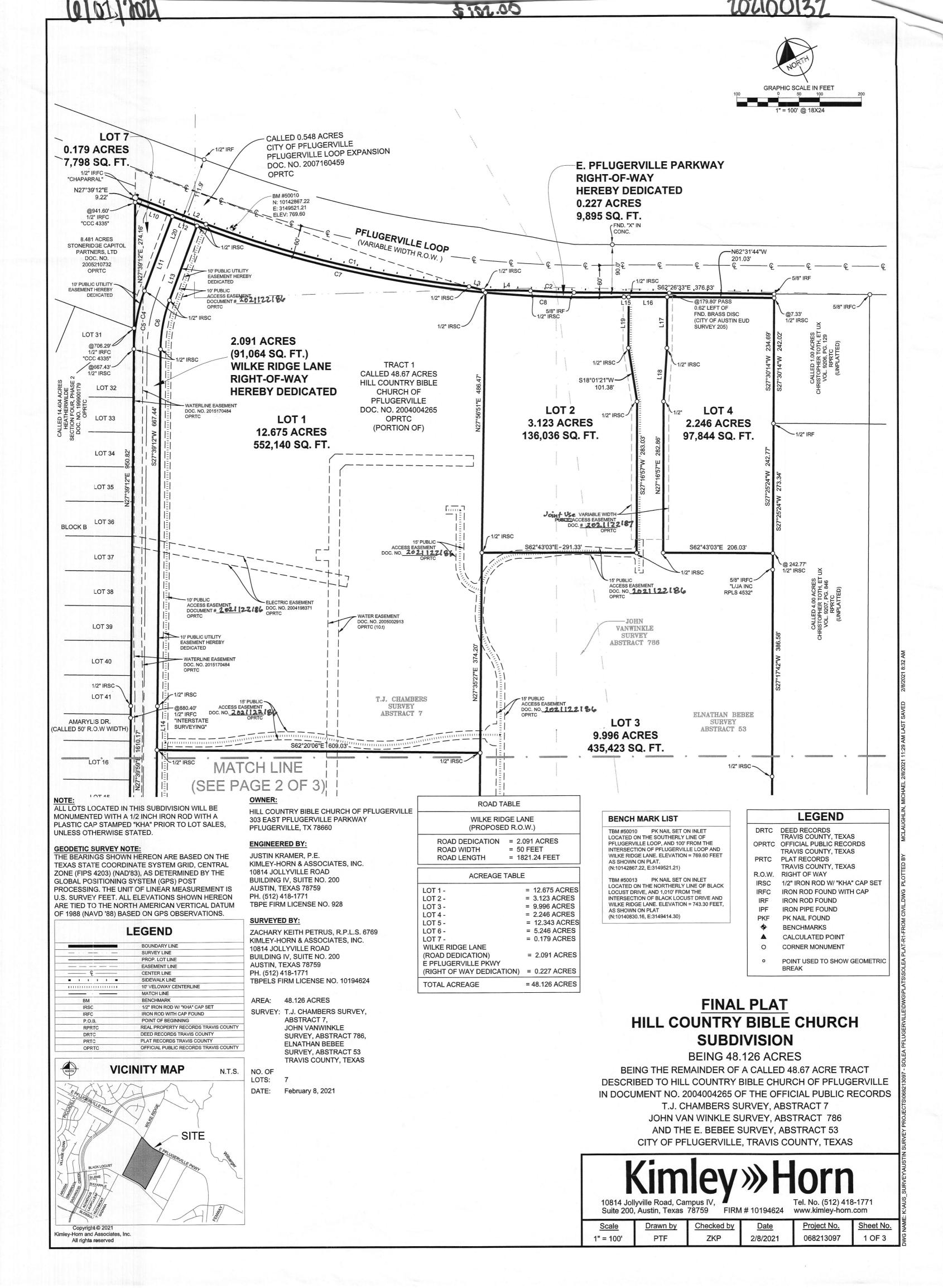
- 8. This Agreement shall be construed under and in accordance with the laws of the State of Texas and all obligations of the parties are performable in Travis County, Texas.
- 9. This Agreement shall survive the dedication of the Right of Way and shall be binding upon and inure to the benefit of the parties to this Agreement and their respective heirs, executors, administrators, legal representatives, successors and assigns.
- 10. In case any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal or unenforceable in any respect, the same shall in no way affect the other provisions of this Agreement, and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained in the Agreement.
- 11. This Agreement constitutes the final expression of the agreements of the parties with respect to the subject matter hereof and supersedes any prior or contemporaneous understandings or written or oral agreements between the parties concerning the same. This Agreement may be modified only by an instrument in writing which is signed by the parties hereto.
- 12. The "Effective Date" of this Agreement shall be the date when this Agreement has been executed by the duly authorized representatives of each party.

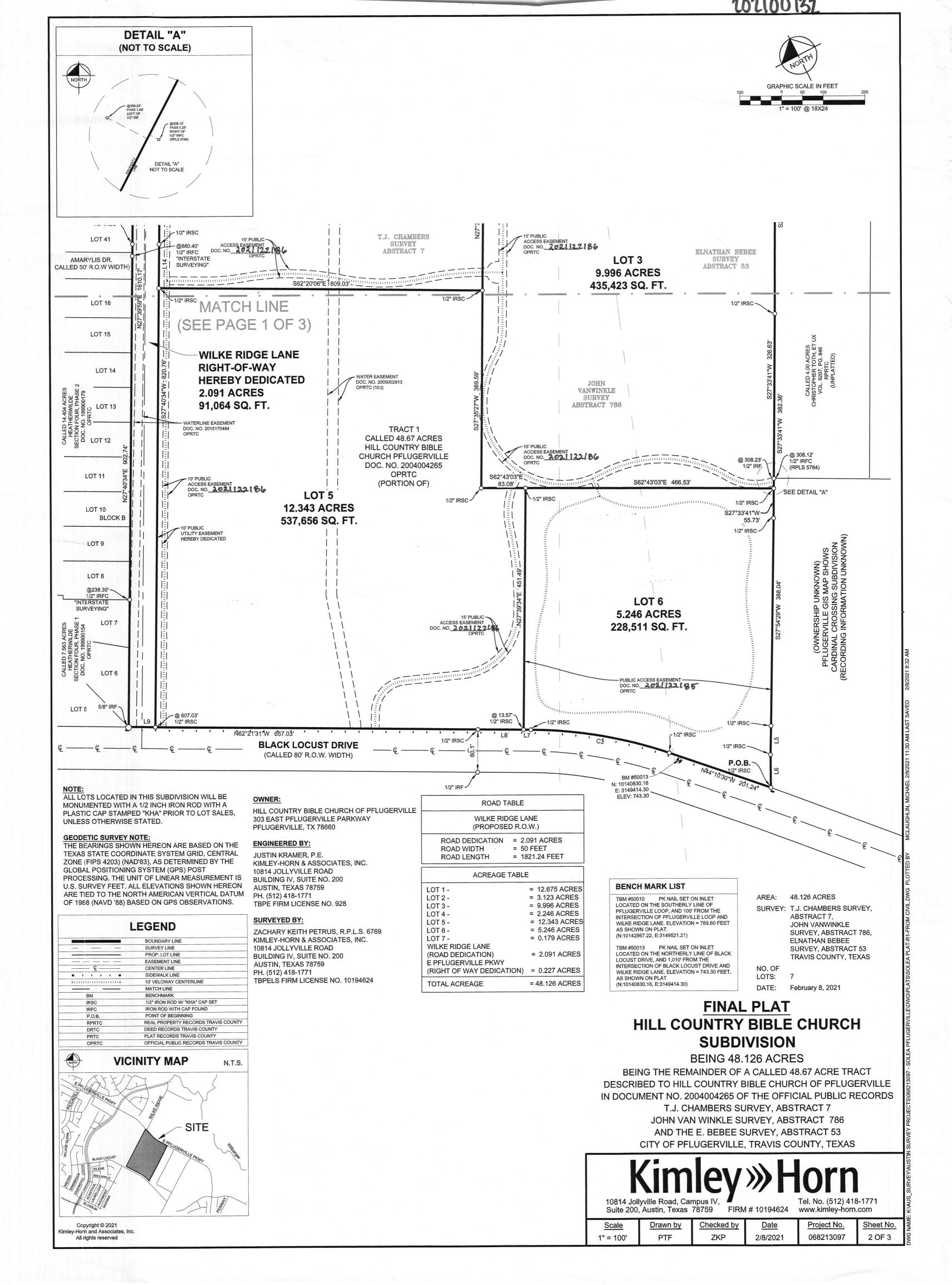
EXECUTED BY CIT	'Y ON	. 2021.
	<u> </u>	

[signature pages follow]

		CITY OF PFLUGERVILLE,
		a Texas home-rule city
		By: Name: Title:
STATE OF TEXAS	§ § §	
COUNTY OF TRAVIS	§	
Before me on this	day per	sonally appeared of the City of Pflugerville, known to me to be the
		to the foregoing instrument and acknowledged to me that he/shooses and consideration therein expressed.
Given under my ha	nd and	seal of office this day of, 2021.
		Notary Public, State of Texas
		My Commission Expires:

EXECUTED BY OWNER	ON, 2021.
	Hill Country Bible Church Pflugerville, a Texas nonprofit corporation
	By: Name: Title:
STATE OF TEXAS	§ § §
COUNTY OF TRAVIS	§
of Hill Country me to be the person whose n	personally appeared, Bible Church Pflugerville, a Texas nonprofit corporation, known to the same is subscribed to the foregoing instrument and acknowledged to the same for the purposes and consideration therein expressed, on
Given under my hand	and seal of office this day of, 2021.
	Notary Public, State of Texas My Commission Expires:
After recording return to:	





JANE L CHANDLER

Notary ID #10628010

My Commission Expires

September 6, 2024

BEING A 48.126 ACRES (2,096,369 SQUARE FEET) TRACT OF LAND, SITUATED IN THE T.J. CHAMBERS SURVEY, ABSTRACT 7, THE JOHN VANWINKLE SURVEY, ABSTRACT 786, AND THE ELNATHAN BEBEE SURVEY, ABSTRACT 53, CITY OF PFLUGERVILLE, TRAVIS COUNTY, TEXAS; BEING COMPRISED OF THE REMAINDER OF A CALLED 48.67 ACRE TRACT OF LAND, CALLED TRACT 1, DESCRIBED TO HILL COUNTRY BIBLE CHURCH OF PFLUGERVILLE AS SHOWN ON INSTRUMENT RECORDED IN DOCUMENT NO. 2004004265 OF THE OFFICIAL PUBLIC RECORDS F TRAVIS COUNTY, TEXAS: AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET IN THE NORTHERLY RIGHT-OF-WAY LINE OF BLACK LOCUST DRIVE (CALLED 80' R.O.W. WIDTH), AT THE SOUTHWEST CORNER OF AN UNKNOWN TRACT OUT OF THE CARDINAL CROSSING SUBDIVISION RECORDED IN THE OFFICIAL PUBLIC RECORDS OF TRAVIS COUNTY, TEXAS; FOR

THE SOUTHEAST CORNER OF SAID 48.67 ACRE TRACT AND THE SOUTHEAST CORNER OF THIS TRACT; THENCE ALONG THE NORTHERLY RIGHT-OF-WAY LINE OF SAID BLACK LOCUST DRIVE AND THE SOUTH BOUNDARY LINE OF SAID 48.67 ACRE TRACT THE FOLLOWING FOUR (4) COURSES

- NORTH 44°10'30" WEST, 201.24 FEET TO A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET AT A POINT OF CURVATURE;
- IN A NORTHWESTERLY DIRECTION, ALONG A TANGENT CURVE TO THE LEFT, A CENTRAL ANGLE OF 18°11'47", A RADIUS OF 835.00 FEET, A CHORD BEARING AND DISTANCE OF NORTH 53°15'58" WEST, 264.07 FEET, AND A TOTAL ARC LENGTH OF 265.19 FEET TO A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET FOR AN ANGLE
- CORNER OF THIS TRACT: NORTH 62°19'27" WEST, AT 13.57 FEET PASSING A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET FOR A LINE MARKER, IN ALL A TOTAL DISTANCE OF 99.33 FEET TO A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET FOR AN ANGLE CORNER OF THIS TRACT;
- NORTH 62°21'31" WEST, AT 607.03 FEET PASSING A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET FOR A LINE MARKER, IN ALL A TOTAL DISTANCE OF 657.03 FEET TO A 5/8" IRON ROD FOUND AT THE SOUTHEAST CORNER OF LOT 5 AND THE SOUTH CORNER OF LOT 6, BLOCK K OF THE HEATHERWILDE SECTION FOUR, PHASE 1 SUBDIVISION, AS SHOWN ON PLAT RECORDED IN DOCUMENT NO. 199900154 OF THE OFFICIAL PUBLIC RECORDS OF TRAVIS COUNTY, TEXAS; FOR THE SOUTHWEST CORNER OF SAID 48.67 ACRE TRACT AND THE SOUTHWEST CORNER OF THIS TRACT;

THENCE, NORTH 27°40'34" EAST, DEPARTING THE NORTHERLY RIGHT-OF-WAY LINE OF SAID BLACK LOCUST DRIVE, ALONG THE WEST BOUNDARY LINE OF SAID 48.67 ACRE TRACT AND THE EAST BOUNDARY LINE OF SAID HEATHERWILDE SECTION FOUR, PHASE I SUBDIVISION, AT 238.30 FEET PASSING A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "INTERSTATE SURVEYING" FOUND AT THE NORTHEAST CORNER OF SAID HEATHERWILDE SECTION FOUR, PHASE 1 SUBDIVISION AND THE SOUTHEAST CORNER OF THE HEATHERWILDE SECTION FOUR, PHASE 2 SUBDIVISION AS SHOWN ON PLAT OF WHICH IS RECORDED IN DOCUMENT NO. 199900179 OF THE OFFICIAL PUBLIC RECORDS OF TRAVIS COUNTY, TEXAS; AT 880.40 FEET PASSING A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "INTERSTATE SURVEYING" FOUND IN THE EAST TERMINUS LINE OF AMARYLIS DRIVE (CALLED 50' R.O.W.WIDTH) AS SHOWN ON SAID HEATHERWILDE SECTION FOUR, PHASE 2 SUBDIVISION, AND THE WEST BOUNDARY LINE OF SAID 48.67 ACRE TRACT, THEN CONTINUING ALONG SAID BEARING FOR A TOTAL DISTANCE OF 902.74 FEET TO A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET IN THE EAST BOUNDARY LINE OF LOT 41 OF SAID HEATHERWILDE SECTION FOUR, PHASE 2 SUBDIVISION; FOR AN ANGLE CORNER OF SAID 48.67 ACRE TRACT AND AN ANGLE CORNER OF THIS TRACT;

THENCE, NORTH 27°39'12" EAST, CONTINUING ALONG THE EAST BOUNDARY LINE OF SAID HEATHERWILDE SECTION FOUR, PHASE 2 SUBDIVISION AND THE WEST BOUNDARY LINE OF SAID 48.67 ACRE TRACT, AT 667.43 FEET PASSING A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET, AT 706.29 FEET PASSING A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "CCC 4335" FOUND AT THE NORTHEAST CORNER OF HEATHERWILDE SECTION FOUR, PHASE 2 SUBDIVISION AND AT THE SOUTHEAST CORNER OF A CALLED 8.481 ACRE TRACT OF LAND DESCRIBED TO STONERIDGE CAPITAL PARTNERS, LTD., BY INSTRUMENT RECORDED IN DOCUMENT NO. 2005210732 OF THE OFFICIAL PUBLIC RECORDED OF TRAVIS COUNTY, TEXAS; AT 941.60 FEET PASSING A 1/2" IRON ROD WITH SURVEYOR'S CAP STAMPED "CCC 4335" FOUND FOR A LINE MARKER; AT 950.26 FEET PASSING A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "CHAPARRAL" FOUND FOR A LINE MARKER, THEN CONTINUING FOR A TOTAL DISTANCE OF 950.82 FEET TO A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "CHAPARRAL" SET IN THE SOUTHERLY RIGHT-OF-WAY LINE OF EAST PFLUGERVILLE LOOP (VARIABLE WIDTH R.O.W.), AT THE SOUTHWEST CORNER OF A CALLED 0.548 ACRE TRACT OF LAND DESCRIBED TO THE CITY OF PFLUGERVILLE, TEXAS, AS SHOWN ON INSTRUMENT RECORDED IN DOCUMENT NO. 2007160459 OF THE OFFICIAL PUBLIC RECORDS OF TRAVIS COUNTY, TEXAS; FOR THE NORTHWEST CORNER OF THIS TRACT:

THENCE, CROSSING SAID 48.67 ACRE TRACT ALONG THE SOUTHERLY RIGHT-OF-WAY LINE OF SAID EAST PFLUGERVILLE LOOP AND THE SOUTH LINE OF SAID 0.548 ACRE TRACT THE

- SOUTH 42°24'50" EAST, 142.03 FEET TO A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET AT A POINT OF CURVATURE; FOR AN ANGLE CORNER OF THIS
- TRACT: IN A SOUTHEASTERLY DIRECTION, ALONG A CURVE TO THE LEFT, A CENTRAL ANGLE OF 14°16'27", A RADIUS OF 2050.22 FEET, A CHORD BEARING AND DISTANCE OF SOUTH 49°33'04" EAST, 509.45 FEET, AND A TOTAL ARC LENGTH OF 510.77 FEET TO A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET IN THE NORTH BOUNDARY LINE OF SAID 48.67 ACRE TRACT; FOR AN ANGLE CORNER OF THIS TRACT;

THENCE, ALONG THE SOUTHERLY RIGHT-OF-WAY LINE OF SAID PFLUGERVILLE LOOP AND THE NORTH LINE OF SAID 48.67 ACRE TRACT, THE FOLLOWING FOUR (4) COURSES AND

- SOUTH 48°32'42" EAST, 27.32 FEET TO A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET FOR AN ANGLE CORNER OF THIS TRACT; SOUTH 61°57'43" EAST, 89.08 FEET TO A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET AT A POINT OF CURVATURE; FOR AN ANGLE CORNER OF THIS
- IN A SOUTHEASTERLY DIRECTION, ALONG A CURVE TO THE LEFT, A CENTRAL ANGLE OF 03°59'23", A RADIUS OF 1172.39 FEET, A CHORD BEARING AND DISTANCE OF
- SOUTH 60°29'01" EAST, 81.64 FEET, AND A TOTAL ARC LENGTH OF 81.64 FEET TO A 5/8" IRON ROD FOUND AT AN ANGLE CORNER OF THIS TRACT; SOUTH 62°26'33" EAST, AT 179.80 FEET PASSING 0.62 FEET LEFT OF A BRASS DISC STAMPED "CITY OF AUSTIN EUD SURVEY 205" FOUND FOR A REFERENCE MARKER, THEN
- CONTINUING FOR A TOTAL DISTANCE OF 376.83 FEET TO A 5/8" IRON ROD FOUND AT THE NORTHWEST CORNER OF A CALLED 1.00 ACRE TRACT OF LAND DESCRIBED TO CHRISTOPHER TOTH, ET UX AS SHOWN ON INSTRUMENT RECORDED IN VOLUME 9206, PAGE 129 OF THE REAL PROPERTY RECORDS OF TRAVIS COUNTY, TEXAS; FOR THE NORTHEAST CORNER OF SAID 48.67 ACRE TRACT AND THE NORTHEAST CORNER OF THIS TRACT;

THENCE, SOUTH 27°30'14" WEST, DEPARTING THE SOUTHERLY RIGHT-OF-WAY LINE OF SAID EAST PFLUGERVILLE LOOP ALONG THE WEST BOUNDARY LINE OF SAID 1.00 ACRE TRACT AND THE EAST BOUNDARY LINE OF SAID 48.67 ACRE TRACT, AT 7.33 FEET PASSING 1/2" IRON ROD WITH SURVEYOR'S CAP STAMPED "KHA" SET FOR A LINE MARKER, IN ALL A DISTANCE OF 242.02 FEET TO A 1/2" IRON ROD FOUND AT THE SOUTHWEST CORNER OF SAID 1.00 ACRE TRACT AND THE NORTHWEST CORNER OF A CALLED 4.00 ACRE TRACT OF LAND DESCRIBED TO CHRISTOPHER TOTH, ET UX AS SHOWN ON INSTRUMENT RECORDED IN VOLUME 9207, PAGE 844 OF THE REAL PROPERTY RECORDS OF TRAVIS COUNTY, TEXAS; FOR

THENCE, ALONG THE EAST LINE OF SAID 48.67 ACRE TRACT, THE FOLLOWING SIX (6) COURSES AND DISTANCES;

- SOUTH 27°25'24" WEST, AT 242.77 FEET PASSING A 1/2" IRON ROD WITH SURVEYOR'S CAP STAMPED "KHA" SET FOR A LINE MARKER, IN ALL A DISTANCE OF 273.34 FEET TO
- A 5/8" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "L/JA INC. RPLS 4532" FOUND FOR AN ANGLE CORNER OF THIS TRACT; SOUTH 27°17'42" WEST, 386.58 FEET TO A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET FOR AN ANGLE CORNER OF THIS TRACT;
- SOUTH 27°33'41" WEST, AT 308.12 FEET PASSING 0.25 FEET RIGHT OF A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "RPLS 5784" FOUND FOR A REFERENCE MARKER, AT 308.23 FEET PASSING 1.09 FEET LEFT OF A 1/2" IRON ROD FOUND FOR A REFERENCE MARKER, THEN CONTINUING FOR A TOTAL DISTANCE OF 382.36 FEET TO A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET FOR AN ANGLE CORNER OF THIS TRACT;
- SOUTH 27°54'29" WEST, 388.04 FEET TO A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET FOR AN ANGLE CORNER OF THIS TRACT; SOUTH 28°09'11" WEST, 53.68 FEET TO A 1/2" IRON ROD WITH PLASTIC SURVEYOR'S CAP STAMPED "KHA" SET FOR AN ANGLE CORNER OF THIS TRACT;
- SOUTH 26°39'20" WEST, 61.52 FEET TO THE POINT OF BEGINNING AND CONTAINING 48.126 ACRE OF LAND, MORE OR LESS, IN TRAVIS COUNTY, TEXAS. THIS DOCUMENT WAS PREPARED IN THE OFFICE OF KIMLEY-HORN AND ASSOCIATES, INC. IN AUSTIN, TEXAS.

GENERAL NOTES:

- THIS PLAT LIES WITHIN THE CITY OF PFLUGERVILLE.
- 2. WATER AND WASTEWATER FOR THE SITE WILL BE PROVIDED BY THE CITY OF PFLUGERVILLE. NO LOT IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL
- CONNECTED TO WATER AND WASTEWATER FACILITIES. A 10-FT PUBLIC UTILITY EASEMENT (P.U.E.) SHALL BE DEDICATED ALONG ALL STREET FRONTAGE(S)
- EASEMENT(S) DEDICATED TO THE PUBLIC BY THIS PLAN SHALL ALSO BE SUBJECT TO THE TERMS AND CONDITIONS OF THE ENGINEERING DESIGN MANUAL PER ORDINANCE NO. 1206-15-02-24, AS AMENDED. THE GRANTOR HILL COUNTRY BIBLE CHURCH OF PFLUGERVILLE, HEIRS, SUCCESSORS AND ASSIGNS SHALL RETAIN THE OBLIGATION TO MAINTAIN THE SURFACE OF THE EASEMENT PROPERTY, INCLUDING THE OBLIGATION TO REGULARLY MOW OR CUT BACK VEGETATION AND TO KEEP THE SURFACE OF THE EASEMENT PROPERTY FREE OF LITTER, DEBRIS, AND TRASH.
- NO IMPROVEMENTS INCLUDING BUT NOT LIMITED TO STRUCTURES, FENCES, OR LANDSCAPING SHALL BE ALLOWED IN A PUBLIC EASEMENT, EXCEPT AS
- THE PROPERTY OWNER SHALL PROVIDE ACCESS TO DRAINAGE AND UTILITY EASEMENTS AS MAY BE NECESSARY AND SHALL NOT PROHIBIT ACCESS FOR THE PLACEMENT, CONSTRUCTION, INSTALLATION, REPLACEMENT, REPAIR, MAINTENANCE, RELOCATION, REMOVAL, OPERATION AND INSPECTION OF SUCH DRAINAGE AND UTILITY FACILITIES, AND RELATED APPURTENANCES.
- STREETLIGHTS SHALL BE INSTALLED AND IN FULL WORKING ORDER WITH THE PUBLIC IMPROVEMENTS. ALL STREETLIGHTS SHALL BE LED AND IN CONFORMANCE WITH ALL CITY OF PFLUGERVILLE ORDINANCES INCLUDING BUT NOT LIMITED TO BEING DOWNCAST AND FULL CUT OFF TYPE.
- THIS SUBDIVISION IS SUBJECT TO ALL CITY OF PFLUGERVILLE ORDINANCES OR TECHNICAL MANUALS RELATED TO TREE PRESERVATION PER CITY ORDINANCE # 1203-15-02-24 AND CITY RESOLUTION # 1224-09-08-25-8A.
- THE COMMUNITY IMPACT FEE RATE FOR WATER AND WASTEWATER IS HEREBY ASSESSED AND ESTABLISHED ACCORDING TO THE CITY OF PFLUGERVILLE ORDINANCE NO. 1440-20-04-14. COMMUNITY IMPACT FEES FOR INDIVIDUAL LOTS SHALL BE PAID PRIOR TO THE ISSUANCE OF ANY BUILDING PERMIT.
- 10. ON-SITE STORM WATER FACILITIES SHALL BE PROVIDED TO MITIGATE POST-DEVELOPMENT PEAK RUNOFF RATES FOR THE 2 YEAR, 25 YEAR AND 100
- 11. ALL ELECTRIC UTILITY INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO TELEPHONE, CABLE TELEVISION, ELECTRIC UTILITY LATERAL AND SERVICE LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF PFLUGERVILLE ENGINEERING DESIGN MANUAL, AS AMENDED.
- 12. THE OWNER OF THIS SUBDIVISION, AND HIS OR HER SUCCESSORS AND ASSIGNS, ASSUMES RESPONSIBILITY FOR PLANS FOR CONSTRUCTION OF
- SUBDIVISION IMPROVEMENTS WHICH COMPLY WITH APPLICABLE CODES AND REQUIREMENTS OF THE CITY OF PFLUGERVILLE. 13. CONSTRUCTION PLANS AND SPECIFICATIONS FOR ALL SUBDIVISION IMPROVEMENTS SHALL BE REVIEWED AND APPROVED BY THE CITY OF PFLUGERVILLE
- PRIOR TO ANY CONSTRUCTION WITHIN THE SUBDIVISION. 14. SITE DEVELOPMENT CONSTRUCTION PLANS SHALL BE REVIEWED AND APPROVED BY THE CITY OF PFLUGERVILLE PRIOR TO ANY CONSTRUCTION.
- 15. NO PORTION OF THIS TRACT IS WITHIN A FLOOD HAZARD AREA AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP PANEL #8453C0280J FOR TRAVIS COUNTY, EFFECTIVE DATE: AUGUST 18TH, 2014.
- 16. ALL PROPOSED FENCES AND WALLS ADJACENT TO INTERSECTING PUBLIC ROADWAY RIGHT-OF-WAY OR ADJACENT TO PRIVATE ACCESS DRIVES SHALL BE IN COMPLIANCE WITH THE SIGHT DISTANCE REQUIREMENTS OF THE CITY OF PFLUGERVILLE ENGINEERING DESIGN MANUAL, AS AMENDED.
- 17. WASTEWATER AND WATER SYSTEMS SHALL CONFORM TO TCEQ (TEXAS COMMISSION ON ENVIRONMENTAL QUALITY) AND STATE BOARD OF INSURANCE REQUIREMENTS. THE OWNER UNDERSTANDS AND ACKNOWLEDGES THAT PLAT VACATION OR RE-PLATTING MAY BE REQUIRED AT THE OWNER'S SOLE EXPENSE IF PLANS TO DEVELOP THIS SUBDIVISION DO NOT COMPLY WITH SUCH CODES AND REQUIREMENTS.
- 18. PAYMENT OF THE PARKLAND FEE IN LIEU AND A BOND FOR THE DEVELOPMENT FEE ASSOCIATED WITH THE 196 PROPOSED UNITS TO BE PROVIDED WITHIN THE RESPECTIVE SUBDIVISION PHASE WILL BE REQUIRED AT TIME OF PLAT.
- 19. THE TIA FOR THIS PROJECT WAS CONDITIONALLY APPROVED ON 1/28/2021. TIA MITIGATION PAYMENT OR OTHER MITIGATION APPROVED BY CITY IS DUE
- AT THE TIME OF FINAL PLAT. SEE TIA FOR PHASING OF FEE/IMPROVEMENTS. 20. HILL COUNTRY BIBLE CHURCH RETAINS OWNERSHIP OF LOT 7 AND IS RESPONSIBLE FOR MAINTENANCE OF THE PROPERTY.
- 21. THE VELOWAY SHALL BE COMPLETED DURING PHASE I OF THE DEVELOPMENT
- 22. WILKE RIDGE LANE ROADWAY AGREEMENT SHALL BE APPROVED PRIOR TO APPROVAL OF THE SUBDIVISION PUBLIC CONSTRUCTION PLANS.
- 24. THE ASSESSED ROADWAY IMPACT FEE IS HEREBY ASSESSED AND ESTABLISHED ACCORDING TO THE CITY OF PFLUGERVILLE ORDINANCE NO. 1470-20-11-24. ROADWAY IMPACT FEES WILL BE PAID PRIOR TO THE ISSUANCE OF ANY BUILDING PERMIT ISSUED AFTER 12/31/2021.

	CURVE TABLE					
NO.	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD	
C1	14°16'27"	2050.22'	510.77'	S49°33'04"E	509.45'	
C2	3°59'23"	1172.39'	81.64'	S60°29'01"E	81.62'	
СЗ	18°11'47"	835.00'	265.19'	N53°15'58"W	264.07'	
C4	19°54'04"	319.75'	111.06'	N37°37'11"E	110.50'	
C5	19°56'12"	294.19'	102.36'	N37°37'18"E	101.85'	
C6	19°55'57"	269.25'	93.67'	S37°37'11"W	93.20'	
C7	14°53'51"	2120.52'	551.36'	N49°58'17"W	549.81'	
C8	7°03'23"	2120.52'	261.15'	N60°56'54"W	260.99'	

	LINE TABL	.E	
NO.	BEARING	LENGTH	NC
L1	S42°24'50"E	96.86'	L9
L2	S42°24'50"E	45.17'	L10
L3	S48°32'42"E	27.32'	L1
L4	S61°57'43"E	89.08'	L1:
L5	S28°09'11"W	53.68'	L1:
L6	S26°39'20"W	61.52'	L14
L7	N62°19'27"W	13.57'	L1:
L8	N62°19'27"W	85.76'	L10

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LINE TABLE				
NO. BEARING LENG		LENGTH		
L9	N62°21'31"W	50.00'		
L10	S42°19'48"E	74.34'		
L11	S47°35'10"W	148.79'		
L12	N42°19'48"W	50.00'		
L13	S47°35'10"W	148.72'		
L14	S27°40'34"W	81.96'		
L15	N62°31'44"W	8.83'		
L16	N62°31'44"W	72.50'		

OWNER'S DEDICATION STATEMENT: STATE OF TEXAS:

KNOW ALL MEN BY THESE PRESENTS

COUNTY OF TRAVIS:

THAT HILL COUNTRY BIBLE CHURCH OF PFLUGERVILLE, ACTING BY AND THROUGH MICHAEL WALDON, BEING THE OWNER OF 48.126 ACRES OF LAND OUT OF THE J. VAN WINKLE SURVEY, ABSTRACT NO. 786, AND THE E. BEBEE SURVEY NO. 5, ABSTRACT NO. 53 IN TRAVIS COUNTY, TEXAS. SAME BEING CONVEYED BY DEED OF RECORD IN INSTRUMENT NUMBER 2004004265, OF THE OFFICIAL PUBLIC RECORDS OF TRAVIS COUNTY, TEXAS DOES HEREBY SUBDIVIDE 48.126 ACRES OF LAND IN ACCORDANCE WITH THIS PLAT TO BE KNOWN AS HILL COUNTRY BIBLE CHURCH SUBDIVISION, AND DO HEREBY DEDICATE TO THE PUBLIC THE USE OF ALL STREETS, ALLEYS, PARKS, AND EASEMENTS SHOWN HEREON

WITNESS MY HAND, THIS THE 8 DAY OF FEB, 21, AD

MICHAEL WALDON 303 E. PFLUGERVILLE PKWY

STATE OF TEXAS:

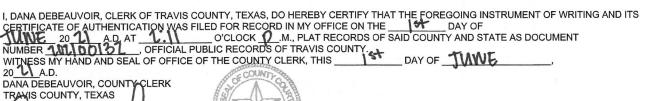
BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED MICHOEL WALL, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT OR WRITING, ACKNOWLEDGED TO ME THAT THEY EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED AND IN THE CAPACITY THEREIN STATED. WITNESS MY HAND AND SEAL OF OFFICE, THIS THE 8 DAY OF FEBRUARY 20 A.D.

NOTARY PUBLIC'S SIGNATURE

TRAVIS COUNTY CLERK RECORDATION CERTIFICATION:

STATE OF TEXAS §

COUNTY OF TRAVIS §



O'CLOCK P.M., THIS THE 15t DAY OF JUNE FILED FOR RECORD AT 1.11 DANA DEBEAUVOIR, COUNTY CLERK

SURVEYOR'S CERTIFICATION: STATE OF TEXAS §

COUNTY OF TRAVIS §

TRANIS COUNTY, TEXAS

KNOW ALL MEN BY THESE PRESENTS:

THAT I, ZACHARY KEITH PETRUS, DO HEREBY CERTIFY THAT I PREPARED THIS PLAT FROM AN ACTUAL AND ACCURATE ON-THE-GROUND SURVEY OF THE LAND, AND THAT ALL CORNER MONUMENTS SHOWN THEREON WERE PROPERLY PLACED UNDER MY SUPERVISION, IN ACCORDANCE WITH ALL CITY OF PFLUGERVILLE, TEXAS CODES AND ORDINANCES AND THAT ALL KNOWN EASEMENTS WITHIN THE BOUNDARY OF THE PLAT ARE SHOWN HEREON.

ZACHARY KEITH PETRUS R.P.L.S. 6769 KIMLEY-HORN & ASSOCIÁTES, INC. 10814 JOLLYVILLE ROAD BUILDING IV, SUITE NO. 200 AUSTIN, TEXAS 78759 PHONE: (512) 418-1771 ZACH.PETRUS@KIMLEY-HORN.COM

ENGINEER'S CERTIFICATION:

PHONE: (512) 418-1771

LINE TABLE

LENGTH

100.17

95.27'

208.75'

BEARING

N27°28'27"E

N30°49'24"E

N27°28'27"E

N47°35'07"E

NO.

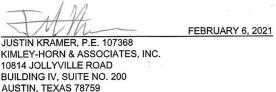
L17

L18

L19

L20

NO PORTION OF THIS SITE LIES WITHIN THE BOUNDARIES OF THE 100 YEAR FLOODPLAIN AS SHOWN ON THE FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NO. 48453C0280J. EFFECTIVE DATE: AUGUST 18TH, 2014, FOR TRAVIS COUNTY, TEXAS, AND INCORPORATED AREAS





ZACHARY K. PETRUS

SIONAL CITY CERTIFICATION THE CITY. Robert Vone

THIS PLAT REFLECTS THE APPROVAL GRANTED BY THE PLANNING AND ZONING COMMISSION ON THE DATE INDICATED

EMILY BARRON, RLANNING DIRECTOR

TRAVIS COUNTY CLERK RECORDATION CERTIFICATION COUNTY OF TRAVIS

WITNESS MY HAND AND SEAL OF OFFICE OF THE COUNTY CLERK, THIS

DANA DEBEAUVOIR, COUNTY CLERK TRAYIS COUNTY, TEXAS ommanul

FILED FOR RECORD AT 2.1 DANA DEBEAUVOIR, COUNTY CLERK TRAVES COUNTY, TEXAS

O'CLOCKD .M., THIS THE 1ST DAY OF JUNE

FINAL PLAT HILL COUNTRY BIBLE CHURCH **SUBDIVISION**

BEING 48.126 ACRES

BEING THE REMAINDER OF A CALLED 48.67 ACRE TRACT DESCRIBED TO HILL COUNTRY BIBLE CHURCH OF PFLUGERVILLE IN DOCUMENT NO. 2004004265 OF THE OFFICIAL PUBLIC RECORDS

T.J. CHAMBERS SURVEY, ABSTRACT 7 JOHN VAN WINKLE SURVEY, ABSTRACT 786 AND THE E. BEBEE SURVEY, ABSTRACT 53 CITY OF PFLUGERVILLE, TRAVIS COUNTY, TEXAS

	1		·
es, Inc.	No.	DATE	REVISION DESCRIPTION

10814 Jollyville Road, Campus IV, Tel. No. (512) 418-1771 FIRM # 10194624 Suite 200, Austin, Texas 78759 www.kimley-horn.com

Scale Drawn by Checked by Date ZKP N/A 2/8/2021

Project No. 068213097

3 OF 3

Sheet No.

WILKE RIDGE LANE ROADWAY EXTENSION FOR CITY OF PFLUGERVILLE

ASSOCIATED STUDIES:

VARIANCES:

ENGINEER'S REPORT BY JUSTIN KRAMER, P.E. - DATED MARCH, 8 2021 ROADWAY PARTICIPATION AGREEMENT BY PAM MADERE - DATED

FLOODPLAIN INFORMATION:

NO PORTION OF THIS TRACT IS WITHIN A FLOOD HAZARD AREA AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAPS 48453C0260J AND 48453C0280J, DATED AUGUST 18, 2014

CITY OF PFLUGERVILLE STREET AND DRAINAGE NOTES:

- INSPECTOR AND HE SHALL BE GIVEN A MINIMUM OF 24 HOURS NOTICE PRIOR TO ANY TESTING
- 2. ALL MANHOLE LIDS SHALL BE 32" OR LARGER, UNLESS EXPRESSLY APPROVED IN WRITING BY THE CITY ENGINEER. ALL MANHOLE LIDS SHAL READ "CITY OF PFLUGERVILLE".
- 3. UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, ALL CONCRETE IS TO BE CLASS "A" (5 SACK, 3000 PSI ~ 28 DAYS), AND ALL REINFORCING
- 4. WHERE PI'S ARE OVER 20, SUBGRADES MUST BE STABILIZED UTILIZING A METHOD ACCEPTABLE TO THE CITY ENGINEER. THE GEOTECHNICAL
- 5. BARRICADE BUILT TO THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES STANDARDS SHALL BE CONSTRUCTED ON ALL DEAD-END STREETS AND AS NECESSARY DURING CONSTRUCTION TO MAINTAIN JOB AND PUBLIC SAFETY
- 6. TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND INSTALLED AS DIRECTED BY THE CITY OF PFLUGERVILLE PRIOR TO CITY ACCEPTANCE OF THE SUBDIVISION.
- 7. BLUE REFLECTOR MARKERS SHALL BE LOCATED ON THE CENTERLINE OF THE PAVEMENT ACROSS FROM ALL FIRE HYDRANTS. PAVEMENT MARKERS AT INTERSECTIONS SHALL BE FOUR-SIDED.
- 8. ALL STORM SEWER SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED.
- 9. PROJECTS USING LIME STABILIZATION SHALL BE REQUIRED TO PLACE LIME IN SLURRY FORM
- 10. REQUIRED MATERIAL TESTING:

STREETS TESTING REQUIREMENTS

LABORATORY TESTING OF SOILS

- MOISTURE DENSITY RELATIONSHIP (PROCTOR) (CITY OF PFLUGERVILLE SPECIFICATIONS SD3.06B (TEX-114E), SD4.04(b)(1) (TEX-113E))
- ATTERBERG LIMITS (ASTM D4318)
- FIELD SOIL GRADATIONS
- LIME SERIES (CITY OF PFLUGERVILLE SPECIFICATIONS SD2.03(C), SD3.06(B))
- SULFATE TESTING (CITY OF PFLUGERVILLE ENGINEERING DESIGN GUIDELINES SECTION DG2.3D TABLE 2.2)

MOISTURE DENSITY FIELD TESTING

- LIME GRADATIONS (CITY OF PFLUGERVILLE SPECIFICATIONS (SD2.03(C), SD3.06(B))
- DENSITIES SUBGRADE (CITY OF PFLUGERVILLE SPECIFICATION SD2.03(C), SD3.06(B))
- DENSITIES ROAD BASE (CITY OF PFLUGERVILLE SPECIFICATION SD4.06(B)(3)(a))

HOT MIX ASPHALTIC CONCRETE TESTING

- EXTRACTIONS/ GRADATIONS (CITY OF PFLUGERVILLE SPECIFICATION SD1.08(E)(2))
- SPECIFIC GRAVITY OF MIX (CITY OF PFLUGERVILLE SPECIFICATION SD1.06(B), SD1.08(E)(2))
- HVEEM STABILITIES (SET OF 3) (CITY OF PFLUGERVILLE SPECIFCATION SD1.08(E)(2))
- MOLDING SPECIMEN (SET OF 3) (CITY OF PFLUGERVILLE SPECIFCATION SD1.08(E)(2))
- CORES FOR DENSITY (CITY OF PFLUGERVILLE SPECIFCATION SD1.08(E)(2))

CONCRETE TESTING

• CONCRETE CYLINDERS (ASTM C31, C39)

SPARROW PARTNERS 2500 BEE CAVES RD. BLDG. 1, STE. 380 AUSTIN, TX 78746 **CONTACT: LUKE BOURLON**

KIMLEY-HORN AND ASSOCIATES 10814 JOLLYVILLE RD. BLDG 4, STE. 200 AUSTIN, TEXAS 78759 CONTACT: ZACHARY KEITH PETRUS

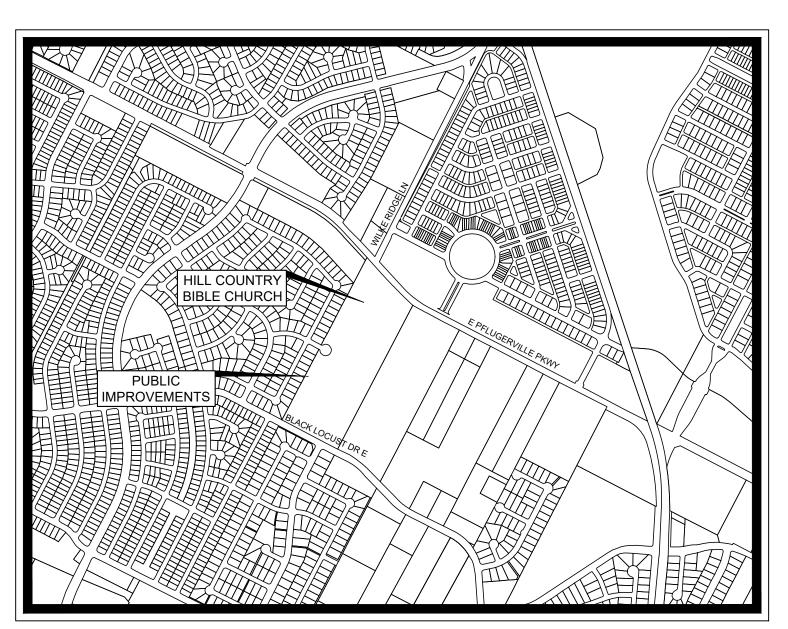


AUSTIN TEXAS 78759 CERTIFICATE OF REGISTRATION #928 CONTACT: JUSTIN J. KRAMER, P.E.

ONCOR ELECTRIC DELIVERY COMPANY LLC 350 TEXAS AVENUE **ROUND ROCK, TEXAS 78664** CONTACT: JIM KRUMNOW

ATMOS ENERGY CORPORATION 3110 N. IH 35 **ROUND ROCK, TEXAS 78681 CONTACT: MARTIN PEREZ**

WATER AND WASTEWATER PROVIDERS: CITY OF PFLUGERVILLE 201-B EAST PECAN STREET PFLUGERVILLE, TEXAS 78691 CONTACT: JENNA GOOLSBY



VICINITY MAP SCALE: 1" = 1,000'

9	SHEET LIST TABLE			
Sheet Number	Sheet Title			
1	COVER SHEET			
2	GENERAL NOTES			
3	KIMLEY-HORN GENERAL NOTES			
4	PAVING PLAN AND PROFILE (SHEET 1 OF 2)			
5	PAVING PLAN AND PROFILE (SHEET 2 OF 2)			
6	PROPOSED ROADWAY SECTIONS (SHEET 1 OF 2)			
7	PROPOSED ROADWAY SECTIONS (SHEET 2 OF 2)			
8	EXISTING DRAINAGE AREA MAP			
9	PROPOSED DRAINAGE AREA MAP			
10	INLET DRAINAGE AREA MAP			
11	STORM PLAN & PROFILE (SHEET 1 OF 3)			
12	STORM PLAN & PROFILE (SHEET 2 OF 3)			
13	STORM PLAN & PROFILE (SHEET 3 OF 3)			
14	PAVING DETAILS			
15	STORM DRAIN DETAILS			

CITY APPROVED REVISION & CORRECTIONS							
NO.	DESCRIPTION	REVISE (R) CORRECT (C) ADD (A) VOID (V) SHEET NO'S	NET CHANGE IMPERVIOUS COVER (SQ.FT)/%	TOTAL IMPERVIOUS COVER (SQ.FT)/%	DESIGN ENGINEER SIGNATURE	CITY OF PFLUGERVILLE APPROVAL	APPROVAL DATE

- THIS PLAN LIES WITHIN THE CITY OF PFLUGERVILLE FULL PURPOSE JURISDICTION.
- 2. WATER AND WASTEWATER SHALL BE PROVIDED BY THE CITY OF PFLUGERVILLE. NO LOT IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTED TO WATER AND WASTEWATER FACILITIES. THE EXISTING WELL OWNED BY HILL COUNTRY BIBLE
- THE PROPERTY OWNER SHALL PROVIDE ACCESS TO DRAINAGE AND UTILITY RELOCATION, REMOVAL, OPERATION AND INSPECTION OF SUCH DRAINAGE AND UTILIT FACILITIES, AND RELATED APPURTENANCES
- 4. A 10' WIDE VELOWAY SHALL BE CONSTRUCTED WITH PHASE I OF THE SUBDIVISION
- THIS SUBDIVISION IS SUBJECT TO ALL CITY OF PFLUGERVILLE ORDINANCES OR TECHNICAL MANUALS RELATED TO TREE PRESERVATION PER CITY ORDINANCE # 1203-15-02-24 AND CITY RESOLUTION # 1224 -09-08-25-8A
- PER PFLUGERVILLE ORDINANCE #1440-20-04-14, THE COMMUNITY IMPACT FEE RATE FOR
- 7. ALL ELECTRIC UTILITY INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO TELEPHONE CABLE TELEVISION, ELECTRIC UTILITY LATERAL AND SERVICE LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF PFLUGERVILLE ENGINEERING DESIGN
- 8. THE OWNER OF THIS SUBDIVISION, AND HIS OR HER SUCCESSORS AND ASSIGNS, ASSUMES RESPONSIBILITY FOR PLANS FOR CONSTRUCTION OF SUBDIVISION IMPROVEMENTS WHICH COMPLY WITH APPLICABLE CODES AND REQUIREMENTS OF THE CITY OF PFLUGERVILLE.
- 9. WASTEWATER AND WATER SYSTEMS SHALL CONFORM TO TCEQ (TEXAS COMMISSION ON ENVIRONMENTAL QUALITY) AND STATE BOARD OF INSURANCE REQUIREMENTS. THE OWNER UNDERSTANDS AND ACKNOWLEDGES THAT PLAT VACATION OR RE-PLATTING MAY BE REQUIRED AT THE OWNER'S SOLE EXPENSE IF PLANS TO DEVELOP THIS SUBDIVISION DO NOT COMPLY WITH SUCH CODES AND REQUIREMENTS.
- 10. THIS PLAN SET IS NOT FOR CONSTRUCTION AND IS INTENDED TO BE A 30% PLAN SET IN ACCORDANCE WITH THE ROADWAY PARTICIPATION AGREEMENT DOCUMENT BETWEEN HILL COUNTRY BIBLE CHURCH AND THE CITY.

THESE PLANS ARE 30% PLANS AND ARE NOT APPROVED OR INTENDED FOR BIDDING OR CONSTRUCTION. PREPARATION OF THESE 30% ROADWAY EXTENSION PLANS WAS REQUIRED AS A CONDITION OF RECEIVING PERMIT APPROVAL FOR THE SEPARATE PLAN SET. "PUBLIC IMPROVEMENT CONSTRUCTION PLANS FOR HILL COUNTRY BIBLE CHURCH, PERMIT NO. CON2102-03", WHICH IS THE ONLY PLAN SET APPROVED FOR CONSTRUCTION UNDER PERMIT CON2102-03. AN AGREEMENT BETWEEN THE OWNERS AND DEVELOPERS OF HILL COUNTRY BIBLE CHURCH AND THE CITY OF PFLUGERVILLE IS CURRENTLY UNDER NEGOTIATION, WHICH WHEN EXECUTED, ALLOWS THE "PUBLIC IMPROVEMENT CONSTRUCTION PLANS FOR HILL COUNTRY BIBLE CHURCH" TO BE CONSTRUCTED AND IMPROVEMENTS ACCEPTED WITHOUT FINALIZING AND CONSTRUCTING THE "WILKE RIDGE LANE ROADWAY EXTENSION PLANS". IF THE AGREEMENT ULTIMATELY IS NOT EXECUTE AND 100% PLANS FOR THE ROAD ARE REQUIRED AND DETERMINED TO BE THE DEVELOPER'S RESPONSIBILITY, THE DEVELOPER WILL BE REQUIRED TO SUBMIT A NEW CONSTRUCTION PLAN APPLICATION FOR THE ROAD EXTENSION DRAWINGS AND RECEIVE CITY REVIEW AND APPROVAL FOR PERMIT ISSUANCE.

LEGAL DESCRIPTION:

BEING A 48.126 ACRES (2,096,366 SQUARE FEET) TRACT OF LAND, SITUATED IN THE SURVEY, ABSTRACT 482, CITY OF PFLUGERVILLE, TRAVIS COUNTY, TEXAS AND BEING COMPRISED OF A PORTION OF A CALLED 48.69 ACRE TRACT OF LAND BEING DESCRIBED TO HILL COUNTRY BIBLE CHURCH PFLUGERVILLE AS SHOWN ON INSTRUMENT RECORDED IN DOCUMENT NO. 2004004265 OF THE OFFICIAL PUBLIC RECORDS OF TRAVIS COUNTY, TEXAS.

THE BEARINGS SHOWN HEREIN ARE BASED ON THE TEXAS STATE COORDINATE SYSTEM GRID, CENTRAL ZONE (FIPS 4203) (NAD'83), AS DETERMINED BY THE GLOBAL POSITIONING SYSTEM (GPS) POST PROCESSING. ALL DISTANCES SHOWN HEREIN ARE ON THE SURFACE. TO CONVERT SURFACE DISTANCES TO THE GRID, APPLY THE COMBINED SURFACE TO GRID SCALE FACTOR OF 0.999893188. THE UNIT OF LINEAR MEASUREMENT IS U.S. SURVEY FEET.



Call before you dig. **BENCHMARKS**

MAG NAIL SET IN CONCRETE IN SOUTHERLY RIGHT OF WAY OF PFLUGERVILLE PARKWAY APPROXIMATELY 190 FEET SOUTHEAST OF A 3" IRON ROD WITH CAP AT THE NORTHWEST

MAG NAIL WITH WASHER ON NORTHEASTERLY RIGHT OF WAY OF BLACK LOCUST DRIVE APPROXIMATELY 180 FEET NORTHWEST OF A " IRON ROD WITH CAP AT THE SOUTHEAST CORNER OF TRACT 1 N: 10140830.1640' E: 3149414.3060' ELEV: 743.31'

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CITY OF PFLUGERVILLE GENERAL CONSTRUCTION NOTES **EFFECTIVE OCTOBER 18, 2016**

- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF PFLUGERVILLE STANDARD SPECIFICATIONS.
- 2. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF PFLUGERVILLE MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN
- 3. DESIGN PROCEDURES SHALL BE IN COMPLIANCE WITH THE CITY OF PFLUGERVILLE ENGINEERING DESIGN GUIDELINES AND UNIFIED DEVELOPMENT CODE. ALL **WAIVERS OR VARIANCES ARE LISTED BELOW:**
- 4. AFTER THE CONSTRUCTION PERMIT HAS BEEN ISSUED AND PRIOR TO BEGINNING CONSTRUCTION, THE OWNER OR HIS REPRESENTATIVE SHALL SCHEDULE A PRE-CONSTRUCTION CONFERENCE BETWEEN THE CITY OF PFLUGERVILLE, DESIGN ENGINEER, CONTRACTOR(S), TRAVIS COUNTY(IF IN THE ETJ), OTHER UTILITY COMPANIES, AND ANY OTHER AFFECTED PARTIES. THE CITY OF PFLUGERVILLE SHALL BE CONTACTED TO SET UP THE MEETING AT LEAST 3 BUSINESS DAYS PRIOR TO THE PROPOSED MEETING TIME (512-990-6300) AND AFTER RECEIVING BOTH THE REQUIRED NUMBER OF SIGNED PLANS AND THE SWP3.
- 5. THE CONTRACTOR SHALL GIVE THE CITY OF PFLUGERVILLE CONSTRUCTION INSPECTOR AT LEAST 48 HOURS NOTICE BEFORE BEGINNING EACH PHASE OF CONSTRUCTION.
- 6. ANY CHANGES OR REVISIONS TO THESE APPROVED PLANS MUST BE SUBMITTED BY THE DESIGN ENGINEER AND APPROVED BY THE CITY OF PFLUGERVILLE PRIOR TO CONSTRUCTION OF THE REVISION.
- 7. ANY EXISTING UTILITIES, PAVEMENT, CURBS, SIDEWALKS, STRUCTURES, TREES, ETC., NOT PLANNED FOR DESTRUCTION OR REMOVAL OR OTHER PUBLIC INFRASTRUCTURE DAMAGED OR REMOVED WILL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE BEFORE ACCEPTANCE OF THE SUBDIVISION.

8. BENCHMARKS:

MAG NAIL SET IN CONCRETE IN SOUTHERLY RIGHT OF WAY OF PFLUGERVILLE PARKWAY APPROXIMATELY 190 FEET SOUTHEAST OF A 1/2" IRON ROD WITH CAP AT THE NORTHWEST CORNER OF TRACT 1. **ELEVATION = 769.60'**

MAG NAIL WITH WASHER ON NORTHEASTERLY RIGHT OF WAY OF **BLACK LOCUST DRIVE, APPROXIMATELY 180 FEET NORTHWEST OF A** 1/2" IRON ROD WITH CAP AT THE SOUTHEAST CORNER OF TRACT 1. **ELEVATION = 743.31'**

VERTICAL DATUM: NAVD 88 (GEOID 09)

9. BLASTING OR BURNING SHALL NOT BE PERMITTED ON THIS PROJECT.

- 10.THE CONTRACTOR SHALL VERIFY ALL DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES WITH THE CONSTRUCTION PLANS FOUND IN THE FIELD SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER IMMEDIATELY. THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR REVISING THE PLANS AS APPROPRIATE AND SUBMITTING A REVISION TO THE CITY. USE ONE CALL UTILITY SYSTEM: DIAL 1-800-344-8377, 48 HOURS BEFORE YOU DIG. FOR CITY OF PFLUGERVILLE WATER AND WASTEWATER UTILITY LOCATES, CALL 512-990-6400.
- 11.A GEOTECH ASSESSMENT SHALL BE PERFORMED PRIOR TO 100% PUBLIC ROADWAY PLAN APPROVAL, AND FINAL PAVEMENT DESIGN SHALL BE PROVIDED PRIOR TO THE 100% DESIGN.
- 12.PRIOR TO FINAL ACCEPTANCE OF A STREET OUTSIDE THE CITY LIMITS, STREET NAME SIGNS CONFORMING TO THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES STANDARDS SHALL BE INSTALLED BY THE DEVELOPER.
- 13. THE CITY OF PFLUGERVILLE HAS NOT REVIEWED THESE PLANS FOR COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT. ALL SIDEWALKS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. IT IS THE RESPONSIBILITY OF THE OWNER TO PROVIDE COMPLIANCE WITH ALL LEGISLATION RELATED TO ACCESSIBILITY WITHIN THE LIMITS OF CONSTRUCTION SHOWN IN THESE PLANS.
- 14.EXCESS SOIL SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE. NOTIFY THE CITY OF PFLUGERVILLE IF THE DISPOSAL SITE IS INSIDE THE CITY'S JURISDICTIONAL BOUNDARIES.
- 15. ALL AREAS DISTURBED OR EXPOSED DURING CONSTRUCTION SHALL BE REVEGETATED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. REVEGETATION OF ALL DISTURBED AREAS OR EXPOSED AREAS SHALL CONSIST OF SODDING OR SEEDING; AT THE CONTRACTOR'S OPTION.
- 16.IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT TEMPORARY EROSION CONTROLS ON A DAILY BASIS. ADJUST THE CONTROLS AND/OR REMOVE ANY SEDIMENT BUILDUP AS NECESSARY.
- 17. CONTRACTOR WILL BE RESPONSIBLE FOR KEEPING ROADS AND DRIVES ADJACENT TO AND NEAR THE SITE FREE FROM SOIL, SEDIMENT AND DEBRIS. CONTRACTOR WILL NOT REMOVE SOIL, SEDIMENT OR DEBRIS FROM ANY AREA OR VEHICLE BY MEANS OF WATER, ONLY SHOVELING AND SWEEPING WILL BE ALLOWED. CONTRACTOR WILL BE RESPONSIBLE FOR DUST CONTROL FROM THE
- 18.PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL APPLY FOR AND SECURE ALL PROPER PERMITS FROM THE APPROPRIATE AUTHORITIES.
- 19. ALL WET UTILITIES SHALL BE INSTALLED AND ALL DENSITIES MUST HAVE PASSED INSPECTIONS(S) PRIOR TO THE INSTALLATION OF DRY UTILITIES.
- 20. A TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SHALL BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO ANY PARTIAL OR COMPLETE ROADWAY CLOSURES. TRAFFIC CONTROL PLANS SHALL BE SITE SPECIFIC AND BE SEALED BY A REGISTERED TEXAS PROFESSIONAL ENGINEER.
- 21.PRIOR TO SUBDIVISION CONSTRUCTION ACCEPTANCE, THE ENGINEER/DEVELOPER-OWNER SHALL SUBMIT TO THE CITY OF PFLUGERVILLE DOCUMENTATION THAT THE SUBDIVISION WAS INSPECTED BY TDLR OR A REGISTERED ACCESSIBILITY SPECIALIST (RAS) AND THE SUBDIVISION IS IN COMPLIANCE WITH THE REQUIREMENTS OF THE TABA.
- 22.AN ENGINEER'S CONCURRENCE LETTER, RECORD DRAWINGS (ONE 22" X 34" FULL SIZE, TWO 11" X 17" HALF SIZE AND ONE DIGITAL COPY IN PDF FORMAT),

WARRANTY BOND FOR 35% OF THE PUBLIC IMPROVEMENTS AND FINAL ASPHALT TEST REPORT SHALL BE SUBMITTED TO THE CITY OF PFLUGERVILLE ENGINEERING DEPARTMENT PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY OR SUBDIVISION ACCEPTANCE.

CITY OF PFLUGERVILLE STREET AND DRAINAGE NOTES:

- 1. ALL TESTING SHALL BE DONE BY AN INDEPENDENT LABORATORY AT THE EXPENSE OF THE CONTRACTOR OR OWNER. ANY TESTING SHALL BE PAID FOR BY THE CONTRACTOR. A CITY INSPECTOR SHALL BE PRESENT DURING ALL TESTS. TESTING SHALL BE COORDINATED WITH THE CITY INSPECTOR AND HE SHALL BE GIVEN A MINIMUM OF 24 HOURS NOTICE PRIOR TO ANY TESTING.
- 2. ALL MANHOLE LIDS SHALL BE 32" OR LARGER, UNLESS EXPRESSLY APPROVED IN WRITING BY THE CITY ENGINEER. ALL MANHOLE LIDS SHALL READ "CITY OF PFLUGERVILLE".
- 3. UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, ALL CONCRETE IS TO BE CLASS "A" (5 SACK, 3000 PSI ~ 28 DAYS) AND ALL REINFORCING STEEL TO BE ASTM
- 4. WHERE PI'S ARE OVER 20, SUBGRADES MUST BE STABILIZED UTILIZING A METHOD ACCEPTABLE TO THE CITY ENGINEER. THE GEOTECHNICAL ENGINEER SHALL RECOMMEND AN APPROPRIATE SUBGRADE STABILIZATION IF SULFATES ARE **DETERMINED TO BE PRESENT.**
- 5. BARRICADES BUILT TO THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES STANDARDS SHALL BE CONSTRUCTED ON ALL DEAD-END STREETS AND AS NECESSARY DURING CONSTRUCTION TO MAINTAIN JOB AND PUBLIC SAFETY.
- 6. TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND INSTALLED AS DIRECTED BY THE CITY OF PFLUGERVILLE PRIOR TO CITY ACCEPTANCE OF THE SUBDIVISION.
- 7. BLUE REFLECTOR MARKERS SHALL BE LOCATED ON THE CENTERLINE OF THE PAVEMENT ACROSS FROM ALL FIRE HYDRANTS. PAVEMENT MARKERS AT INTERSECTIONS SHALL BE FOUR-SIDED.
- 8. ALL STORM SEWER SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED.
- 9. PROJECTS USING LIME STABILIZATION SHALL BE REQUIRED TO PLACE LIME IN SLURRY FORM.
- **10.REQUIRED MATERIAL TESTING:**

UTILITY TESTING REQUIREMENTS

- LABORATORY TESTING OF SOILS
- MOISTURE DENSITY RELATIONSHIP (PROCTOR) (CITY OF PFLUGERVILLE SPECIFICATIONS G4.05(B) (TEX114E)) ATTERBERG LIMITS (ASTM D4318)
- FIELD SOIL GRADATIONS (CITY OF PFLUGERVILLE SPECIFICATIONS G4.04(B)(1))

MOISTURE DENSITY FIELD TESTING

DENSITIES- WET UTILITIES (CITY OF PFLUGERVILLE SPECIFICATION G4.05(B)) DENSITIES- DRY UTILITIES (CITY OF PFLUGERVILLE SPECIFICATION G4.05(B))

CONCRETE TESTING

CONCRETE CYLINDERS (CITY OF PFLUGERVILLE SPECIFICATIONS G4.04(C))

STREETS TESTING REQUIREMENTS

LABORATORY TESTING OF SOILS

- MOISTURE DENSITY RELATIONSHIP (PROCTOR) (CITY OF PFLUGERVILLE **SPECIFICATIONS SD3.06B (TEX114E), SD4.04(B)(1) (TEX-113E))**
- ATTERBERG LIMITS (ASTM D4318) FIELD SOIL GRADATIONS
- LIME SERIES (CITY OF PFLUGERVILLE SPECIFICATIONS SD2.03(C), SD3.06(B)) SULFATE TESTING (CITY OF PFLUGERVILLE ENGINEERING DESIGN **GUIDELINES SECTION DG2.3D- TABLE 2.2)**

MOISTURE DENSITY FIELD TESTING

- LIME GRADATIONS (CITY OF PFLUGERVILLE SPECIFICATIONS SD2.03(C), SD3.06(B))
- DENSITIES- SUBGRADE (CITY OF PFLUGERVILLE SPECIFICATION SD2.03(C). SD3.06(B))
- DENSITIES- ROAD BASE (CITY OF PFLUGERVILLE SPECIFICATION
- SD4.06(B)(3)(A))

HOT MIX ASPHALTIC CONCRETE TESTING

- EXTRACTIONS/ GRADATIONS (CITY OF PFLUGERVILLE SPECIFICATION
- SD1.08(E)(2)) SPECIFIC GRAVITY OF MIX (CITY OF PFLUGERVILLE SPECIFICATION
- SD1.06(B), SD1.08(E)(2)) HVEEM STABILIES (SET OF 3) (CITY OF PFLUGERVILLE SPECIFICATION
- SD1.08(E)(2)) MOLDING SPECIMEN (SET OF 3) (CITY OF PFLUGERVILLE SPECIFICATION
- CORES FOR DENSITY (CITY OF PFLUGERVILLE SPECIFICATION SD1.08(E)(2))

CONCRETE TESTING

SD1.08(E)(2))

CONCRETE CYLINDERS (ASTM C31, C39)

MISCELLANEOUS CONCRETE TESTING REQUIREMENTS (CITY OF PFLUGERVILLE **SPECIFICATION C2.05)**

CITY OF PFLUGERVILLE WATER AND WASTEWATER NOTES:

- 1. PIPE MATERIAL FOR WATER MAINS SHALL BE PVC (AWWA C-900, MIN CLASS 150), OR DUCTILE IRON (AWWA C-100, MIN 150). WATER SERVICES (2" OR LESS) SHALL BE POLYETHYLENE TUBING (200 PSI, DR9).
- 2. PIPE MATERIAL FOR PRESSURE WASTEWATER MAINS SHALL BE PVC (AWWA C-900, MIN. CLASS 150) OR DUCTILE IRON (AWWA C-100, MIN. CLASS 150). PIPE MATERIAL FOR GRAVITY WASTEWATER MAINS SHALL BE PVC (SDR 26). SDR-35 WASTEWATER IS NOT ALLOWED IN THE RIGHT OF WAY OR PUBLIC EASEMENT.
- 3. ALL WASTEWATER MAIN, EXCLUDING SERVICE LINES, SHALL BE MANDREL TESTED PER TCEQ (TEXAS COMMISSION ON ENVIRONMENTAL QUALITY) CRITERIA. A MANDREL TEST WILL NOT BE PERFORMED UNTIL BACKFILL HAS BEEN IN PLACE FOR A MINIMUM 30 DAYS.
- 4. WATER LINES SHALL HAVE A MINIMUM FORTY-EIGHT 48 INCHES OF COVER MEASURED FROM EITHER THE TOP OF THE PIPE OR VALVE ACTUATING NUT (WHICHEVER IS APPLICABLE) TO THE FINISHED GROUND SURFACE. WASTEWATER LINES SHALL HAVE A MINIMUM OF 48 INCHES OF COVER BELOW THE ACTUAL

- SUBGRADE. THE SEPARATION BETWEEN WASTEWATER MAINS AND OTHER UTILITIES SHALL BE IN ACCORDANCE WITH THE RULES ADOPTED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY.
- 5. WHERE A WATER OR WASTEWATER LINE CROSSES BELOW A STORM SEWER STRUCTURE AND THE TOP OF THE PIPE IS WITHIN 18" OF THE BOTTOM OF THE UTILITY STRUCTURE, THE PIPE SHALL BE ENCASED WITH CONCRETE FOR A DISTANCE OF AT LEAST 1' ON EITHER SIDE OF THE DITCH LINE OF THE UTILITY STRUCTURE OR THE STORM SEWER. CONCRETE ENCASEMENT WILL NOT BE REQUIRED FOR DUCTILE IRON PIPE WITH SIZES LARGER THAN 12". CONCRETE **ENCASEMENT SHALL CONFORM TO THE CITY OF PFLUGERVILLE STANDARD** DETAIL.
- 6. ALL MANHOLES SHALL BE CONCRETE WITH CAST IRON RING AND COVER. ALL MANHOLES LOCATED OUTSIDE OF THE PAVEMENT SHALL BE BOLTED COVERS. TAPPING OF FIBERGLASS MANHOLES SHALL NOT BE ALLOWED. ALL MANHOLES SHALL BE COATED WITH 10 MIL OF RAVEN LINING SYSTEM OR APPROVED EQUAL.
- 7. ALL PIPE BEDDING MATERIAL SHALL CONFORM TO THE CITY OF PFLUGERVILLE STANDARD DETAIL.
- 8. ALL FIRE HYDRANT LEADS SHALL BE DUCTILE IRON PIPE (AWWA C-100, MIN. CLASS
- 9. ALL IRON PIPE AND FITTINGS SHALL BE WRAPPED WITH A MINIMUM 8-MIL POLYETHYLENE FILM PRIOR TO PLACING CONCRETE.
- 10.THE CONTRACTOR SHALL CONTACT THE CITY INSPECTOR TO COORDINATE UTILITY TIE-INS AND NOTIFY HIM AT LEAST 48 HOURS PRIOR TO CONNECTION TO EXISTING
- 11.THE CONTRACTOR, AT HIS EXPENSE, SHALL PERFORM QUALITY TESTING FOR ALL WASTEWATER PIPE INSTALLED AND PRESSURE PIPE HYDROSTATIC TESTING OF ALL WATER LINES CONSTRUCTED AND SHALL PROVIDE EQUIPMENT INCLUDING PUMPS, GAUGES, SUPPLIES, AND LABOR NECESSARY TO PERFORM THE TESTS. QUALITY AND PRESSURE TESTING SHALL BE MONITORED BY CITY OF PFLUGERVILLE PERSONNEL. WATER SAMPLES WILL BE COLLECTED BY THE CITY OF PFLUGERVILLE TO VERIFY EACH TREATED LINE HAS ATTAINED AN INITIAL **CHLORINE CONCENTRATION OF 50 PPM.**
- 12.THE CONTRACTOR SHALL COORDINATE TESTING WITH THE CITY OF PFLUGERVILLE AND PROVIDE NO LESS THAN 24 HOURS NOTICE PRIOR TO PERFORMING STERILIZATION, QUALITY TESTING OR PRESSURE TESTING.
- 13. THE CONTRACTOR SHALL NOT OPEN OR CLOSE ANY VALVES UNLESS AUTHORIZED BY THE CITY OF PFLUGERVILLE.
- 14. ALL VALVE BOXES AND COVERS SHALL BE CAST IRON.
- 15. A DOUBLE CHECK BACKFLOW DEVICE IN A VAULT SHALL BE INSTALLED ADJACENT THE RIGHT OF WAY OR PUBLIC EASEMENT ON PRIVATE PROPERTY ON ALL PRIVATE FIRE LINES.
- 16. ALL WATER SERVICE, WASTEWATER SERVICE AND VALVE LOCATIONS SHALL BE **APPROPRIATELY MARKED AS FOLLOWS:**
 - WATER SERVICE "W" ON TOP OF CURB **WASTEWATER SERVICE "S" ON TOP OF CURB VALVE "V" ON FACE OF CURB**
- 17. THE CONTRACTOR IS HEREBY NOTIFIED THAT CONNECTING TO, SHUTTING DOWN, OR TERMINATING EXISTING UTILITY LINES MAY HAVE TO OCCUR AT OFF-PEAK HOURS. SUCH HOURS ARE USUALLY OUTSIDE NORMAL WORKING HOURS AND POSSIBLY BETWEEN 12 A.M. AND 6 A.M.
- 18. ALL FIRE HYDRANTS SHALL BE NATIONAL STANDARD HOSE THREAD.
- 19.ALL MATERIAL TESTS, INCLUDING SOIL DENSITY TESTS AND RELATED SOIL ANALYSIS, SHALL BE ACCOMPLISHED BY AN INDEPENDENT LABORATORY FUNDED BY THE DEVELOPER IN ACCORDANCE WITH THE SPECIFICATIONS.
- 20.THE CITY ONLY PROVIDES UP TO A 2" DISPLACEMENT METER. LARGER METERS MUST BE SUPPLIED BY THE CONTRACTOR AND MUST INCLUDE THE NEPTUNE E-CODER R900I READER SYSTEM. TURBINE METERS SHALL NOT BE USED EXCEPT FOR NEPTUNE PROTECTUS III OR NEPTUNE TRUFLOW. THE LOW FLOW SIDE OF THE PROTECTUS III MUST BE A T-10 POSITIVE DISPLACEMENT METER. FOR QUESTIONS CONCERNING METER SELECTION, PLEASE CONTACT THE CITY'S DEVELOPMENT **ENGINEERING DEPARTMENT AT 512-990-6300.**

CITY OF PFLUGERVILLE EROSION AND SEDIMENTATION CONTROL

- 1. EROSION CONTROL MEASURES, SITE WORK, AND RESTORATION WORK SHALL BE IN ACCORDANCE WITH THE CITY OF PFLUGERVILLE'S SUBDIVISION CODE AND CONSTRUCTION STANDARDS MANUAL. EXCEPT AS NOTED BELOW AND APPROVED BY CITY COUNCIL:
- 2. SLOPES SHALL BE SODDED OR SEEDED WITH THE APPROPRIATE GRASS, GRASS MIXTURES, OR GROUND COVER SUITABLE TO THE AREA AND SEASON TO WHICH THEY ARE APPLIED.
- 3. SILT FENCES, ROCK BERMS AND SIMILARLY RECOGNIZED TECHNIQUES AND MATERIALS SHALL BE EMPLOYED DURING CONSTRUCTION TO PREVENT POINT SOURCE SEDIMENTATION LOADING OF DOWNSTREAM FACILITIES. SUCH INSTALLATION SHALL BE REGULARLY INSPECTED BY THE CITY OF PFLUGERVILLE FOR EFFECTIVENESS. ADDITIONAL MEASURES MAY BE REQUIRED IF, IN THE OPINION OF THE CITY ENGINEER, THEY ARE WARRANTED.
- 4. ALL TEMPORARY EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL FINAL INSPECTION AND APPROVAL OF THE PROJECT BY THE ENGINEER.
- 5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL TEMPORARY EROSION CONTROL STRUCTURES AND TO REMOVE EACH STRUCTURE AS APPROVED BY THE ENGINEER.

CITY OF PFLUGERVILLE SEQUENCE OF CONSTRUCTION NOTES:

- 1. INSTALL TEMPORARY EROSION CONTROLS AND TREE PROTECTION FENCING PRIOR TO ANY CLEARING AND GRUBBING. NOTIFY CITY STORMWATER SPECIALIST 24 HOURS PRIOR TO INSTALLATION.
- 2. PRIOR TO BEGINNING CONTRUCTION, THE OWNER OR HIS REPRESENTATIVE SHALL SCHEDULE A PRECONSTRUCTION MEETING TO BE LOCATED AT THE CITY OF PFLUGERVILLE DEVELOPMENT SERVICES CENTER WITH CITY OF PFLUGERVILLE DEVELOPMENT ENGINEERING DEPARTMENT (512-990-6300). CONTRACTOR, DESIGN ENGINEER, WATER AND WASTEWATER UTILITY PROVIDER(S) IF NOT CITY, **ENVIRONMENTAL INSPECTOR, COUNTY REPRESENTATIVE (IF APPLICABLE), ETC.** PRIOR TO BEGINNING CONSTRUCTION. AN ELECTRONIC COPY OF THE SWPPP MUST BE DELIVERED TO THE CITY STORMWATER SPECIALIST 24 HOURS IN

ADVANCE OF THE PRECONSTRUCTION MEETING

- 3. DELIVER STORM SEWER CUT SHEETS TO THE CITY CONSTRUCTION INSPECTION
- 4. DEMOLISH EXISTING MEDIAN, CURBS AND GUTTER, AND ROUGH GRADE STREETS.
- 5. BEGIN INSTALLATION OF UTILITY LINES. UPON COMPLETION, RESTORE AS MUCH DISTURBED AREA AS POSSIBLE, PARTICULARLY CHANNELS AND LARGE OPEN
- 6. RE-GRADE STREETS TO SUBGRADE.
- 7. ENSURE THAT ALL UNDERGROUND UTILITY CROSSINGS AND UTILITY INSTALLATION ARE COMPLETED. LAY FIRST COURSE BASE MATERIAL ON ALL STREETS.
- 8. INSTALL CURB AND GUTTER.
- 9. LAY FINAL BASE COURSE ON ALL STREETS
- 10.LAY ASPHALT.
- 11. COMPLETE ALL UNDERGROUND INSTALLATIONS WITHIN THE R.O.W.
- 12. COMPLETE FINAL GRADING AND RESTORATION OF DISTURBED AREA

13. COMPLETE PERMANENT EROSION CONTROL AND RESTORATION OF SITE

- VEGETATION.
- 14.REMOVE AND DISPOSE OF TEMPORARY EROSION CONTROLS AFTER APPROVAL GIVEN BY CITY STORMWATER SPECIALIST, CITY DEVELOPMENT ENGINEER, OR CITY **ENGINEERING INSPECTOR.**
- 15. COMPLETE ANY NECESSARY FINAL DRESS UP OF AREA DISTURBED BY ITEM.
- 16.CONTRACTOR TO SCHEDULE FINAL WALK THORUGH WITH CITY DEVELOPMENT ENGINEER ONCE ENGINEERING INSPECTOR HAS CLEARED PROJECT.

UNDERGROUND UTILITY NOTES

- 1. ALL NEW TELECOMMUNICATION UTILITY LINES AND ALL NEW ELECTRIC UTILITY LATERAL AND SERVICE LINES AND WIRES SHALL BE PLACED UNDERGROUND, EXCEPT AS OTHERWISE HEREIN PROVIDED. ALL SUCH UTILITIES SHALL BE INSTALLED OUTSIDE OF THE CITY OF PFLUGERVILLE RIGHT OF WAY IN A PUBLIC UTILITY EASEMENT (P.U.E.) OR SPECIFIC USE EASEMENT.
- 2. WHERE ELECTRICAL SERVICE IS TO BE PLACED UNDERGROUND, ELECTRIC UTILITY SERVICE LINES FOR STREET OR SITE LIGHTING SHALL ALSO BE PLACED UNDERGROUND.
- 3. ALL ELECTRICAL, CABLE TELEVISION, AND TELEPHONE SUPPORT EQUIPMENT (TRANSFORMERS, AMPLIFIERS, SWITCHING DEVICES, ETC.) NECESSARY FOR UNDERGROUND INSTALLATIONS IN SUBDIVISIONS SHALL BE PAD MOUNTED OR PLACED UNDERGROUND IN A PUBLIC UTILITY EASEMENT RATHER THAN A RIGHT-OF-WAY.
- 4. NOTHING HEREIN SET FORTH SHALL PROHIBIT OR RESTRICT ANY UTILITY COMPANY FROM RECOVERING THE DIFFERENCE BETWEEN THE COST OF OVERHEAD FACILITIES AND UNDERGROUND FACILITIES. THE SUBDIVIDER SHALL BE REQUIRED TO REIMBURSE THE UTILITY COMPANY FOR SUCH COST DIFFERENTIAL.
- 5. EACH UTILITY COMPANY WHOSE FACILITIES ARE SUBJECT TO THE PROVISIONS OF THIS ORDINANCE SHALL DEVELOP POLICIES AND COST REIMBURSEMENT PROCEDURES WITH RESPECT TO THE INSTALLATIONS AND EXTENSION OF **UNDERGROUND SERVICE.**
- 6. TELEPHONE AND CABLE TELEVISION LINES MAY BE CONSTRUCTED OVERHEAD WHERE MISCELLANEOUS DESIGN (REVISED 02/24/2015) GUIDELINES DG9-2 OVERHEAD ELECTRIC UTILITY LINES ARE PERMITTED.
- 7. NOT WITHSTANDING THE PROVISIONS OF THIS ORDINANCE, TEMPORARY CONSTRUCTION SERVICE MAY BE PROVIDED BY OVERHEAD UTILITY LINES AND FACILITIES WITHOUT OBTAINING A VARIANCE OR EXCEPTION FROM THE PROVISIONS HEREOF.

8. ALL UTILITY INSTALLATIONS REGULATED BY THE PROVISIONS SET FORTH HEREIN

REGULATIONS, AS WELL AS THE REGULATIONS AND SPECIFICATIONS OF THE

SHALL CONFORM WITH ALL CITY OF PFLUGERVILLE ORDINANCES AND

APPLICABLE UTILITY COMPANIES.



07/02/2021

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- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE PLANS, CITY (OR TOWN) STANDARD DETAILS AND SPECIFICATIONS, THE CONSTRUCTION, AS REQUESTED BY OWNER AND CITY. AT A MINIMUM, THIS SHOULD OCCUR ONCE PER DAY FOR THE OFF-SITE ROADWAYS. FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE CITY SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS. THE MORE RESTRICTIVE
- SPECIFICATION AND DETAIL SHALL BE FOLLOWED. 2. THE CONTRACTOR SHALL COMPLY WITH CITY (OR TOWN) "GENERAL NOTES" FOR CONSTRUCTION, IF EXISTING AND REQUIRED BY THE CITY. FOR INSTANCES WHERE THEY CONFLICT WITH THESE KH GENERAL NOTES, THEN THE MORE RESTRICTIVE SHALL APPLY. 3. THE CONTRACTOR SHALL FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION
- 4. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS 5. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE PROVIDED BY THE TOPOGRAPHIC SURVEY PREPARED BY THE PROJECT SURVEYOR, AND

DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE AUTHORITIES' SPECIFICATIONS AND REQUIREMENTS

- ARE BASED ON THE BENCHMARKS SHOWN. THE CONTRACTOR SHALL REFERENCE THE SAME BENCHMARKS 6. THE CONTRACTOR SHALL REVIEW AND VERIFY THE EXISTING TOPOGRAPHIC SURVEY SHOWN ON THE PLANS REPRESENTS EXISTING FIELD CONDITIONS PRIOR TO CONSTRUCTION, AND SHALL REPORT ANY DISCREPANCIES FOUND TO THE OWNER AND ENGINEER IMMEDIATELY.
- CONTRACTOR SHALL SUPPLY AT THEIR OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO THE OWNER AS CONSTRUCTION PROGRESSES. AND ENGINEER FOR REVIEW 8. CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SURVEYING AND STAKING.

7. IF THE CONTRACTOR DOES NOT ACCEPT THE EXISTING TOPOGRAPHIC SURVEY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE

- 9. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL CONTROL, INCLUDING BENCHMARKS PRIOR TO COMMENCING CONSTRUCTION OR STAKING OF IMPROVEMENTS. PROPERTY LINES AND CORNERS SHALL BE HELD AS THE HORIZONTAL CONTROL.
- 10. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS, ELEVATIONS, AND FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE ARCHITECT, ENGINEER, AND IF APPLICABLE THE CITY AND OWNER. NO CONSIDERATION WILL BE GIVEN TO CHANGE ORDERS FOR WHICH THE CITY, ENGINEER, AND OWNER WERE
- NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM. 11. CONTRACTOR SHALL THOROUGHLY CHECK COORDINATION OF CIVIL, LANDSCAPE, MEP, ARCHITECTURAL, AND OTHER PLANS PRIOR TO COMMENCING 2. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE TCEQ GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS POLLUTANT DISCHARGE 17. ALL JOINTS SHALL EXTEND THROUGH THE CURB. CONSTRUCTION, OWNER/ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO COMMENCING WITH CONSTRUCTION.
- NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK TO HAVE THEM LOCATE THEIR EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. 13.CONTRACTOR SHALL CALL TEXAS 811 AN ADEQUATE AMOUNT OF TIME PRIOR TO COMMENCING CONSTRUCTION OR ANY EXCAVATION
- 14. CONTRACTOR SHALL USE EXTREME CAUTION AS THE SITE CONTAINS VARIOUS KNOWN AND UNKNOWN PUBLIC AND PRIVATE UTILITIES. 15. THE LOCATIONS, ELEVATIONS, DEPTH, AND DIMENSIONS OF EXISTING UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM AVAILABLE UTILITY COMPANY MAPS AND PLANS. AND ARE CONSIDERED APPROXIMATE AND INCOMPLETE. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO VERIFY THE PRESENCE LOCATION OF EVALUATION DEPTH AND DIMENSION OF EXISTING LITHLITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION SO THAT ADJUSTMENTS CAN BE MADE TO PROVIDE ADEQUATE CLEARANCES. THE ENGINEER SHALL BE NOTIFIED WHEN A PROPOSED IMPROVEMENT CONFLICTS WITH AN EXISTING LITH ITY
- 16.THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ANY ADJUSTMENTS AND RELOCATIONS OF EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, ADJUSTING EXISTING MANHOLES TO MATCH PROPOSED GRADE, RELOCATING EXISTING POLES AND GUY WIRES THAT ARE LOCATED IN PROPOSED DRIVEWAYS, ADJUSTING THE HORIZONTAL OR VERTICAL ALIGNMENT OF EXISTING UNDERGROUND UTILITIES TO ACCOMMODATE PROPOSED GRADE OR CROSSING WITH A PROPOSED UTILITY, AND ANY OTHERS THAT MAY BE
- ENCOUNTERED THAT ARE UNKNOWN AT THIS TIME AND NOT SHOWN ON THESE PLANS. 17. CONTRACTOR SHALL ARRANGE FOR OR PROVIDE, AT ITS EXPENSE, ALL GAS, TELECOMMUNICATIONS, CABLE, OVERHEAD AND UNDERGROUND POWER LINE. AND UTILITY POLE ADJUSTMENTS NEEDED.
- 18.CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF FRANCHISE UTILITIES THAT ARE NECESSARY FOR ON-SITE AND OFF-SITE CONSTRUCTION AND SERVICE TO THE PROPOSED DEVELOPMENT 19. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTORS' FAILURE TO EXACTLY LOCATE AND PRESERVE ALL 2. KH DOES NOT WARRANT OR REPRESENT THAT THE PLAN, WHICH WAS PREPARED BASED ON SURVEY AND UTILITY INFORMATION PROVIDED BY UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO
- USE FOR SUCH WORK 20 BRACING OF UTILITY POLES MAY BE REQUIRED BY THE UTILITY COMPANIES WHEN TRENCHING OR EXCAVATING IN CLOSE PROXIMITY TO THE POLES. THE COST OF BRACING POLES WILL BE BORNE BY THE CONTRACTOR. WITH NO SEPARATE PAY ITEM FOR THIS WORK. THE COST IS INCIDENTAL TO THE ACCOMPLISH THIS GOAL ARE THE RESPONSIBILITY OF THE CONTRACTOR
- 21.CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, FEDERAL AND UTILITY OWNER REGULATIONS PERTAINING TO WORK SETBACKS FROM POWER LINES.
- 22.THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS, APPROVALS, AND BONDS PRIOR TO CONSTRUCTION. 23.THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES A COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS. GEOTECHNICAL REPORT AND ADDENDA, PROJECT AND CITY SPECIFICATIONS, AND SPECIAL CONDITIONS, COPIES OF ANY REQUIRED CONSTRUCTION PERMITS, EROSION CONTROL PLANS. SWPPP AND INSPECTION REPORTS. 24.ALL SHOP DRAWINGS AND OTHER DOCUMENTS THAT REQUIRE ENGINEER REVIEW SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN
- ADVANCE OF CONSTRUCTION OF THAT ITEM, SO THAT NO LESS THAN 10 BUSINESS DAYS FOR REVIEW AND RESPONSE IS AVAILABLE. 25.ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES, AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO USE OF THE FACILITY AND THE FINAL CONNECTION OF SERVICES. 26.CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS.
- 28.ALL SYMBOLS SHOWN ON THESE PLANS (E.G. FIRE HYDRANT, METERS, VALVES, INLETS, ETC....) ARE FOR PRESENTATION PURPOSES ONLY AND ARE NOT TO SCALE. CONTRACTOR SHALL COORDINATE FINAL SIZES AND LOCATIONS WITH APPROPRIATE CITY INSPECTOR. 29.THE SCOPE OF WORK FOR THE CIVIL IMPROVEMENTS SHOWN ON THESE PLANS TERMINATES 5-FEET FROM THE BUILDING. REFERENCE THE BUILDING GRADIN PLANS (E.G. ARCHITECTURAL, STRUCTURAL, MEP) FOR AREAS WITHIN 5-FEET OF THE BUILDING AND WITHIN THE BUILDING FOOTPRIN

27 CONTRACTOR'S BID PRICE SHALL INCLUDE ALL INSPECTION FEES.

- 30.REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ALL FINAL BUILDING DIMENSIONS. 31.THE PROPOSED BUILDING FOOTPRINT(S) SHOWN IN THESE PLANS WAS PROVIDED TO KIMLEY-HORN AND ASSOCIATES, INC. (KH) BY THE PROJECT ARCHITECT AT THE TIME THESE PLANS WERE PREPARED. IT MAY NOT BE THE FINAL CORRECT VERSION BECAUSE THE BUILDING DESIGN WAS ONGOING. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFIRMING THE FINAL CORRECT VERSION OF THE BUILDING FOOTPRINT WITH THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO LAYOUT. DIMENSIONS AND/OR COORDINATES SHOWN ON THESE PLANS WERE BASED ON THE ABOVE STATED ARCHITECTURAL FOOTPRINT, AND ARE THEREFORE A PRELIMINARY LOCATION OF THE BUILDING. THE CONTRACTOR IS SOLELY RESPONSIBLE TO VERIFY WHAT PART OF THE BUILDING THE ARCHITECT'S FOOTPRINT REPRESENTS (E.G. SLAB, OUTSIDE WALL, MASONRY LEDGE, ETC) AND TO CONFIRM ITS FINAL POSITION ON THE SITE BASED ON THE FINAL ARCHITECTURAL FOOTPRINT, CIVIL DIMENSION CONTROL PLAN, SURVEY BOUNDARY AND/OR PLAT. ANY DIFFERENCES FOUND SHALL BE REPORTED TO KH IMMEDIATELY
- 32.ALL CONSTRUCTION SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING SUBSEQUENT ADDENDA. 33.CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL MATERIALS TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND COMPLY WITH CITY STANDARD SPECIFICATIONS OF EARTHWORK QUANTITIES OR SITE BALANCE ARE MADE BY THESE PLANS. THE CONTRACTOR SHALL PROVIDE THEIR OWN 4. STORM SEWER PIPES AND HEADWALLS THAT CONNECT TO A POND INTENDED TO HOLD WATER INDEFINITELY SHALL BE INSTALLED WITH WATERTIGHT REPORT. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING MATERIALS. OWNER SHALL APPROVE THE AGENCY EARTHWORK CALCULATION TO DETERMINE THEIR CONTRACT QUANTITIES AND COST. ANY SIGNIFICANT VARIANCE FROM A BALANCED SITE SHALL BE JOINTS TO AT LEAST 1-FOOT ABOVE THE NORMAL POOL WATER SURFACE ELEVATION. NOMINATED BY THE CONTRACTOR FOR MATERIALS TESTING
- 34.ALL COPIES OF MATERIALS TEST RESULTS SHALL BE SENT TO THE OWNER. ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING AGENCY. 35.IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE MATERIALS, THAT THE WORK ONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS 36.DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL
- REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF NONE IS CURRENTLY EXISTING 37.ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS OUTSIDE OF THE WORK AREA WILL BE ALLOWED.
- JY DAMAGE RESULTING THEREFROM SHALL 38. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, UTILITIES, MANHOLES, POLES, GUY WIRES, VALVE COVERS, VAULT LIDS, FIRE HYDRANTS, COMMUNICATION BOXES/PEDESTALS, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT NO COST TO THE OWNER. 13. CONTRACTOR TO DISPOSE OF ALL EXCESS EXCAVATION MATERIALS IN A MANNER THAT ADHERES TO LOCAL, STATE AND FEDERAL LAWS AND
- BUT NOT LIMITED TO: FENCES, WALLS, SIGNS, PAVEMENT, CURBS, UTILITIES, SIDEWALKS, GRASS, TREES, LANDSCAPING, AND IRRIGATION SYSTEMS, .. TO ORIGINAL CONDITION OR BETTER AT NO COST TO THE OWNER. 40.ALL AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY SITE CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITION OR BETTER, INCLUDING AS
- NECESSARY GRADING, LANDSCAPING, CULVERTS, AND PAVEMENT. 41.THE CONTRACTOR SHALL SALVAGE ALL EXISTING POWER POLES, SIGNS, WATER VALVES, FIRE HYDRANTS, METERS, ETC... THAT ARE TO BE RELOCATED DURING CONSTRUCTION. 42.CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING DITCHES OR
- 43.THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, TO THE CITY PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY
- 44.THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER 45 SITE SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. 46.THESE PLANS DO NOT EXTEND TO OR INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONTRACTOR OR ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE ENGINEER'S SEAL HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF ALL REQUIRED SAFETY PROCEDURES AND PROGRAMS.
- 47.SIGNS RELATED TO SITE OPERATION OR SAFETY ARE NOT INCLUDED IN THESE PLANS. 48.CONTRACTOR OFFICE AND STAGING AREA SHALL BE AGREED ON BY THE OWNER AND CONTRACTOR PRIOR TO BEGINNING OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITTING REQUIREMENTS FOR THE CONSTRUCTION OFFICE, TRAILER, STORAGE, AND STAGING OPERATIONS AND LOCATIONS.
- 49.LIGHT POLES, SIGNS, AND OTHER OBSTRUCTIONS SHALL NOT BE PLACED IN ACCESSIBLE ROUTES. 50.ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL CONTROL ON UNIFORM TRAFFIC CONTROL ON UNIFORM TRAFFIC CONTROL CONTROL ON UNIFORM TRAFFIC CONTROL ON UNIFORM TRAFFIC CONTROL ON UNIFORM TRAFFIC CONTROL CONTROL ON UNIFORM TRAFFIC CONTROL ON UNIFORM TRAFFIC CONTROL ON UNIFORM TRAFFIC CONTROL CONTROL ON UNIFORM TRAFFIC CON 51.TOP RIM ELEVATIONS OF ALL EXISTING AND PROPOSED MANHOLES SHALL BE COORDINATED WITH TOP OF PAVEMENT OR FINISHED GRADE AND SHALL ENSURE THAT SUFFICIENT POSITIVE SLOPE AWAY FROM THE BUILDING PAD IS ACHIEVED FOR ENTIRE PERIMETER OF THE
- BE ADJUSTED TO BE FLUSH WITH THE ACTUAL FINISHED GRADE AT THE TIME OF PAVING. 52.CONTRACTOR SHALL ADJUST ALL EXISTING AND PROPOSED VALVES, FIRE HYDRANTS, AND OTHER UTILITY APPURTENANCES TO MATCH ACTUAL FINISHED GRADES AT THE TIME OF PAVING. 53. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SEQUENCING AND PHASING, AND SHALL CONTACT THE APPROPRIATE CITY OFFICIALS, INCLUDING BUILDING OFFICIAL, ENGINEERING INSPECTOR, AND FIRE MARSHALL TO LEARN OF ANY REQUIREMENTS
- 54.CONTRACTOR IS RESPONSIBLE FOR PREPARATION, SUBMITTAL, AND APPROVAL BY THE CITY OF A TRAFFIC CONTROL PLAN PRIOR TO THE START OF CONSTRUCTION, AND THEN THE IMPLEMENTATION OF THE PLAN.
- 55.CONTRACTOR SHALL KEEP A NEAT AND ACCURATE RECORD OF CONSTRUCTION, INCLUDING ANY DEVIATIONS OR VARIANCES FROM THE PLANS. 56.THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT PLANS TO THE ENGINEER AND CITY IDENTIFYING ALL DEVIATIONS AND VARIATIONS FROM THESE PLANS MADE DURING CONSTRUCTION.

- EROSION CONTROL:

 1. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL EROSION CONTROL AND WATER QUALITY REQUIREMENTS, LAWS, AND ORDINANCES THAT APPLY TO THE CONSTRUCTION SITE LAND DISTURBANCE. 2. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE "TCEQ GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS POLLUTANT DISCHARGE 31.CONTRACTOR SHALL REFER TO THE LANDSCAPING AND TREE PRESERVATIONS PLANS FOR ALL INFORMATION AND DETAILS REGARDING EXISTING
- 3. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF LAND DISTURBANCE. 4. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS FOR THE PROJECT. 5. CONTRACTOR IS SOLELY RESPONSIBLE FOR INSTALLATION. IMPLEMENTATION. MAINTENANCE AND FEFECTIVENESS OF ALL EROSION CONTROL
- 6. CONTRACTOR SHALL DOCUMENT THE DATES OF INSTALLATION, MAINTENANCE OR MODIFICATION, AND REMOVAL FOR EACH BMP EMPLOYED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF APPLICABLE. 7. AS STORM SEWER INLETS ARE INSTALLED ON-SITE, TEMPORARY EROSION CONTROL DEVICES SHALL BE INSTALLED AT EACH INLET PER APPROVED 35. CONTRACTOR FIELD ADJUSTMENT OF PROPOSED SPOT GRADES IS ALLOWED, IF THE APPROVAL OF THE CIVIL ENGINEER IS OBTAINED.
- 8. THE EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE AREA IT PROTECTS HAS BEEN PERMANENTLY STABILIZED.
- 9. CONTRACTOR SHALL PROVIDE ADEQUATE EROSION CONTROL DEVICES NEEDED DUE TO PROJECT PHASING 10 CONTRACTOR SHALL OBSERVE THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES AND MAKE FIELD ADJUSTMENTS AND MODIFICATIONS AS NEEDED TO PREVENT SEDIMENT FROM LEAVING THE SITE. IF THE EROSION CONTROL DEVICES DO NOT EFFECTIVELY CONTROL EROSION AND PREVENT SEDIMENTATION FROM WASHING OFF THE SITE. THEN THE CONTRACTOR SHALL NOTIFY THE ENGINEER
- 11. OFF-SITE SOIL BORROW, SPOIL, AND STORAGE AREAS (IF APPLICABLE) ARE CONSIDERED AS PART OF THE PROJECT SITE AND MUST ALSO COMPLY WITH THE EROSION CONTROL REQUIREMENTS FOR THIS PROJECT. THIS INCLUDES THE INSTALLATION OF BMP'S TO CONTROL EROSION AND SEDIMENTATION AND THE ESTABLISHMENT OF PERMANENT GROUND COVER ON DISTURBED AREAS PRIOR TO FINAL APPROVAL OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPPP AND EROSION CONTROL PLAN TO INCLUDE BMPS FOR ANY OFF-SITE THAT ARE NOT ANTICIPATED OR SHOWN ON THE EROSION CONTROL PLAN.
- 12. ALL STAGING, STOCKPILES, SPOIL, AND STORAGE SHALL BE LOCATED SUCH THAT THEY WILL NOT ADVERSELY AFFECT STORM WATER QUALITY PROTECTIVE MEASURES SHALL BE PROVIDED IF NEEDED TO ACCOMPLISH THIS REQUIREMENT, SUCH AS COVERING OR ENCIRCLING THE AREA WITH PAVI AN APPROPRIATE BARRIER. 13. CONTRACTORS SHALL INSPECT ALL EROSION CONTROL DEVICES, BMPS, DISTURBED AREAS, AND VEHICLE ENTRY AND EXIT AREAS WEEKLY AND WITHIN 24 HOURS OF ALL RAINFALL EVENTS OF 0.5 INCHES OR GREATER, AND KEEP A RECORD OF THIS INSPECTION IN THE SWPPP BOOKLET IF
- APPLICABLE, TO VERIFY THAT THE DEVICES AND EROSION CONTROL PLAN ARE FUNCTIONING PROPERLY 14. CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE AT ALL PRIMARY POINTS OF ACCESS IN ACCORDANCE WITH CITY SPECIFICATIONS. CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION TRAFFIC USES THE STABILIZED ENTRANCE AT ALL TIMES FOR ALL INGRESS/EGRESS

- 15. SITE ENTRY AND EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING AND FLOWING OF SEDIMENT AND DIRT ONTO OFF-SITE ROADWAYS. ALL SEDIMENT AND DIRT FROM THE SITE THAT IS DEPOSITED ONTO AN OFF-SITE ROADWAY SHALL BE REMOVED IMMEDIATELY. 4. ALL PUBLIC PAVING SUBGRADE SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS. 16. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS FROM THE AFFECTED OFF-SITE ROADWAYS THAT ARE A RESULT OF THE
- 17. WHEN WASHING OF VEHICLES IS REQUIRED TO REMOVE SEDIMENT PRIOR TO EXITING THE SITE, IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP BMP.
- AND CITY STANDARDS. IF NO ENGINEERING DESIGN HAS BEEN PROVIDED FOR A SEDIMENTATION BASIN ON THESE PLANS, THEN THE CONTRACTOR SHALL ARRANGE FOR AN APPROPRIATE DESIGN TO BE PROVIDED. 19. ALL FINES IMPOSED FOR SEDIMENT OR DIRT DISCHARGED FROM THE SITE SHALL BE PAID BY THE RESPONSIBLE CONTRACTOR
- 20. WHEN SEDIMENT OR DIRT HAS CLOGGED THE CONSTRUCTION ENTRANCE VOID SPACES BETWEEN STONES OR DIRT IS BEING TRACKED ONTO A ROADWAY. THE AGGREGATE PAD MUST BE WASHED DOWN OR REPLACED, RUNOFF FROM THE WASH-DOWN OPERATION SHALL NOT BE ALLOWED TO MAY BE REQUIRED TO MAINTAIN THE EFFECTIVENESS OF THE CONSTRUCTION ENTRANCE.
- 21.TEMPORARY SEEDING OR OTHER APPROVED STABILIZATION SHALL BE INITIATED WITHIN 14 DAYS OF THE LAST DISTURBANCE OF ANY AREA, UNLESS ADDITIONAL CONSTRUCTION IN THE AREA IS EXPECTED WITHIN 21 DAYS OF THE LAST DISTURBANCE 22.CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING CONSTRUCTION, ALWAYS CLEANING UP DIRT, LOOSE MATERIAL, AND TRASH 10. ALL ACCESSIBLE RAMPS, CURB RAMPS, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA AND TAS STANDARDS, LATEST EDITION.
- VEGETATIVE COVER. 24.AT THE CONCLUSION OF THE PROJECT, ALL INLETS, DRAIN PIPE, CHANNELS, DRAINAGEWAYS AND BORROW DITCHES AFFECTED BY THE CONSTRUCTION SHALL BE DREDGED, AND THE SEDIMENT GENERATED BY THE PROJECT SHALL BE REMOVED AND DISPOSED IN ACCORDANCE WITH APPLICABLE REGULATIONS.

- RACTOR SHALL COMPLY WITH ALL TCEQ AND EPA STORM WATER POLLUTION PREVENTION REQUIREMENTS
- **ELIMINATION SYSTEM TXR 150000** 12.IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR 3. THE CONTRACTOR SHALL ENSURE THAT ALL PRIMARY OPERATORS SUBMIT A NOI TO TCEQ AT LEAST SEVEN DAYS PRIOR TO COMMENCING CONSTRUCTION (IF APPLICABLE), OR IF UTILIZING ELECTRONIC SUBMITTAL, PRIOR TO COMMENCING CONSTRUCTION. ALL PRIMARY OPERATORS SHALL SAWCUTS SHALL BE FULL DEPTH FOR PAVEMENT REMOVAL AND CONNECTION TO EXISTING PAVEMENT. PROVIDE A COPY OF THE SIGNED NOI TO THE OPERATOR OF ANY MS4 (TYPICALLY THE CITY) RECEIVING DISCHARGE FROM THE SITE. 4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF APPLICABLE,
 - NCLUDING POSTING SITE NOTICE, INSPECTIONS, DOCUMENTATION, AND SUBMISSION OF ANY INFORMATION REQUIRED BY THE TCEQ AND EPA (E.G. 5. ALL CONTRACTORS AND SUBCONTRACTORS PROVIDING SERVICES RELATED TO THE SWPPP SHALL SIGN THE REQUIRED CONTRACTOR CERTIFICATION CONSTRUCTION DOCUMENTS (CIVIL, MEP, LANDSCAPE, IRRIGATION, AND ARCHITECT) SHALL BE CONSULTED. STATEMENT ACKNOWLEDGING THEIR RESPONSIBILITIES AS SPECIFIED IN THE SWPPP
 - 7. A NOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO TCEQ BY ANY PRIMARY OPERATOR WITHIN 30 DAYS AFTER ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND A UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED ON ALL UNPAVED AREAS AND AREAS NOT COVERED BY STRUCTURES, A TRANSFER OF OPERATIONAL CONTROL HAS OCCURRED, OR THE OPERATOR HAS OBTAINED ALTERNATIVE AUTHORIZATION UNDER A DIFFERENT PERMIT. A COPY OF THE NOT SHALL BE PROVIDED TO THE OPERATOR OF ANY MS4 RECEIVING DISCHARGE FROM THAT ADA/TAS SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE

- KH IS NOT RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR TO IMPLEMENT THIS DEMOLITION PLAN. THIS PRELIMINARY 1. ALL STORM SEWER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS. DEMOLITION PLAN SIMPLY INDICATES THE KNOWN OBJECTS ON THE SUBJECT TRACT THAT ARE TO BE DEMOLISHED AND REMOVED FROM THE SITE. 2. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE STORM OTHERS, SHOWS ALL IMPROVEMENTS AND UTILITIES, THAT THE IMPROVEMENTS AND UTILITIES ARE SHOWN ACCURATELY, OR THAT THE UTILITIES SHOWN CAN BE REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ITS OWN SITE RECONNAISSANCE TO SCOPE ITS WORK AND TO CONFIRM WITH THE OWNERS OF IMPROVEMENTS AND UTILITIES THE ABILITY AND PROCESS FOR THE REMOVAL OF THEIR FACILITIES. S. THIS PLAN IS INTENDED TO GIVE A GENERAL GUIDE TO THE CONTRACTOR, NOTHING MORE. THE GOAL OF THE DEMOLITION IS TO LEAVE THE SITE IN A 4. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF CURB INLETS STATE SUITABLE FOR THE CONSTRUCTION OF THE PROPOSED DEVELOPMENT. REMOVAL OR PRESERVATION OF IMPROVEMENTS, UTILITIES, ETC. TO AND GRATE INLETS AND ALL UTILITIES CROSSING THE STORM SEWER.
- 4. CONTRACTOR IS STRONGLY CAUTIONED TO REVIEW THE FOLLOWING REPORTS DESCRIBING SITE CONDITIONS PRIOR TO BIDDING AND IMPLEMENTING CONDITIONS PRIOR TO THEIR INSTALLATION. THE DEMOLITION PLAN:
 - ENVIRONMENTAL SITE ASSESSMENT PROVIDED BY THE OWNER, ASBESTOS BUILDING INSPECTION REPORT(S) PROVIDED BY THE OWNER,

CONTRACTOR AND SHALL BE RETAINED ON-SITE DURING CONSTRUCTION.

- GEOTECHNICAL REPORT PROVIDED BY THE OWNER. OTHER REPORTS THAT ARE APPLICABLE AND AVAILABLE
- 5. CONTRACTOR SHALL CONTACT THE OWNER TO VERIFY WHETHER ADDITIONAL REPORTS OR AMENDMENTS TO THE ABOVE CITED REPORTS HAVE BEEN COLLAR AND BE GROUTED TO ASSURE THE CONNECTION IS WATERTIGHT PREPARED AND TO OBTAIN/REVIEW/AND COMPLY WITH THE RECOMMENDATION OF SUCH STUDIES PRIOR TO STARTING ANY WORK ON THE SITE. 9. ALL PUBLIC STORM SEWER LINES SHALL BE MINIMUM CLASS III RCP. PRIVATE STORM SEWER LINES 18-INCHES AND GREATER SHALL BE CLASS III RCP. 6. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING THE DEMOLITION OF OBJECTS ON THE SITE AND THE OR OTHER APPROVED MATERIAL. DISPOSAL OF THE DEMOLISHED MATERIALS OFF-SITE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REVIEW THE SITE, DETERMINE THE APPLICABLE REGULATIONS, RECEIVE THE REQUIRED PERMITS AND AUTHORIZATIONS, AND COMPLY.
- 7. KH DOES NOT REPRESENT THAT THE REPORTS AND SURVEYS REFERENCED ABOVE ARE ACCURATE, COMPLETE, OR COMPREHENSIVE SHOWING ALL ITEMS THAT WILL NEED TO BE DEMOLISHED AND REMOVED. 8. SURFACE PAVEMENT INDICATED MAY OVERLAY OTHER HIDDEN STRUCTURES, SUCH AS ADDITIONAL LAYERS OF PAVEMENT, FOUNDATIONS OR WALLS, 12. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL STORM SEWER LINES. THAT ARE ALSO TO BE REMOVED.

THE CONTRACTOR AND GRADING SUBCONTRACTOR SHALL VERIFY THE SUITABILITY OF EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE START OF CONSTRUCTION. THE CIVIL ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES. CONTRACTOR SHALL OBTAIN ANY REQUIRED GRADING PERMITS FROM THE CITY

- . UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREA REFLECT TOP OF PAVEMENT SURFACE. IN LOCATIONS ALONG A CURB LINE, ADD 6-INCHES (OR THE HEIGHT OF THE CURB) TO THE PAVING GRADE FOR TOP OF CURB ELEVATION.
- PROPOSED SPOT FLEVATIONS AND CONTOURS OUTSIDE THE PAVEMENT ARE TO TOP OF FINISHED GRADE PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN CASE OF DISCREPANCY 3. ALL FINISHED GRADES SHALL TRANSITION UNIFORMLY BETWEEN THE FINISHED ELEVATIONS SHOWN. CONTOURS AND SPOT GRADES SHOWN ARE ELEVATIONS OF TOP OF THE FINISHED SURFACE. WHEN PERFORMING THE GRADING OPERATIONS, THE 2. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR POND LINER ONTRACTOR SHALL PROVIDE AN APPROPRIATE ELEVATION HOLD-DOWN ALLOWANCE FOR THE THICKNESS OF PAVEMENT, SIDEWALK, TOPSOIL,
- MULCH, STONE, LANDSCAPING, RIP-RAP AND ALL OTHER SURFACE MATERIALS THAT WILL CONTRIBUTE TO THE TOP OF FINISHED GRADE. FOR EXAMPLE, THE LIMITS OF EARTHWORK IN PAVED AREAS IS THE BOTTOM OF THE PAVEMENT SECTION.
- IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CIVIL ENGINEER. 9. ALL GRADING AND EARTHWORK SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING SUBSEQUENT ADDENDA. 10. ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. UNUSABLE EXCAVATED MATERIAL AND ALL WASTE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE REMOVED FROM THE SITE AND APPROPRIATELY DISPOSED BY THE CONTRACTOR AT NO
- 11 FROSION CONTROL DEVICES SHOWN ON THE FROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF GRADING REFERENCE FROSION CONTROL PLAN DETAILS GENERAL NOTES AND SWPPP FOR ADDITIONAL INFORMATION AND REQUIREMENTS 12 BEFORE ANY EARTHWORK IS PERFORMED, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF THE PROJECT'S PROPERTY LINE AND SITE IPROVEMENTS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE AND GRADE CONTRO
- RELATED TO EARTHWORK 39.THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE PROPERTY OR PUBLIC IMPROVEMENTS, INCLUDING REGULATIONS. THE CONTRACTOR SHALL KEEP A RECORD OF WHERE EXCESS EXCAVATION WAS DISPOSED, ALONG WITH THE RECEIVING LANDOWNER'S APPROVAL TO DO SO. 14. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF TOPSOIL AT THE COMPLETION OF FINE GRADING. CONTRACTOR SHALL REFER
 - TO LANDSCAPE ARCHITECTURE PLANS FOR SPECIFICATIONS AND REQUIREMENTS FOR TOPSOIL 15. CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING DITCHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES. 16.NO EARTHWORK FILL SHALL BE PLACED IN ANY EXISTING DRAINAGE WAY, SWALE, CHANNEL, DITCH, CREEK, OR FLOODPLAIN FOR ANY REASON OR 5. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE WATER ANY LENGTH OF TIME, UNLESS THESE PLANS SPECIFICALLY INDICATE THIS IS REQUIRED.
 - TEMPORARY CULVERTS MAY BE REQUIRED IN SOME LOCATIONS TO CONVEY RUN-OFF 18. REFER TO DIMENSION CONTROL PLAN, AND PLAT FOR HORIZONTAL DIMENSIONS. 19. THE CONTRACTOR SHALL CLEAR AND GRUB THE SITE AND PLACE, COMPACT, AND CONDITION FILL PER THE PROJECT GEOTECHNICAL ENGINEER'S SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT 20.CONTRACTOR IS RESPONSIBLE FOR ALL SOILS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL SOILS TESTING SHALL 8. FIRE SPRINKLER LINES SHALL BE DESIGNED AND INSTALLED BY A LICENSED FIRE SPRINKLER CONTRACTOR. AND COMPLY TO THE APPLICABLE CODES
 - BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND SHALL COMPLY WITH CITY STANDARD SPECIFICATIONS AND THE GEOTECHNICAL REPORT. SOILS TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING SOILS. THE OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR SOILS TESTING.
 - 21.ALL COPIES OF SOILS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING AGENCY. 22.IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE SOILS, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS.
 - 23.THE SCOPE OF WORK FOR CIVIL IMPROVEMENT SHOWN ON THESE PLANS TERMINATES 5-FEET FROM THE BUILDING. CONTRACTOR SHALL REFER TO 12.ALL WATER AND WASTEWATER SERVICES SHALL TERMINATE 5-FEET OUTSIDE THE BUILDING, UNLESS NOTED OTHERWISE. THE GEOTECHNICAL REPORT AND STRUCTURAL PLANS AND SPECIFICATIONS FILL. CONDITIONING, AND PREPARATION IN THE BUILDING PAD. 24 DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING. THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND NONE IS CURRENTLY EXISTING
 - PROPOSED BUILDING(S) DURING GRADING OPERATIONS AND IN THE FINAL CONDITION. IF THE CONTRACTOR OBSERVES THAT THIS WILL NOT BE ACHIEVED, THE CONTRACTOR SHALL CONTACT THE ENGINEER TO REVIEW THE LOCATION. 26.THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING WATER, OR BY SUBSIDIARY TO THE WORK, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
 - OTHER MEANS APPROVED BY THE CITY AT NO ADDITIONAL COST TO THE OWNER 27. CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS NEEDED FOR GRADING OPERATIONS AND TO ACCOMMODATE PROPOSED GRADE, INCLUDING THE UNKNOWN UTILITIES NOT SHOWN ON THESE PLANS. CONTRACTOR SHALL REFER TO THE GENERAL NOTES "OVERALL" SECTION THESE PLANS FOR ADDITIONAL INFORMATION.
 - THAT AFFECT THE GRADING PLAN TO THE CIVIL ENGINEER. 29.CONTRACTOR SHALL FIELD VERIFY ALL PROTECTED TREE LOCATIONS, INDIVIDUAL PROTECTED TREE CRITICAL ROOT ZONES, AND PROPOSED SITE GRADING, AND NOTIFY THE CIVIL ENGINEER AND LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH THE TREE PRESERVATION PLAN BY THE I ANDSCAPE ARCHITECT PRIOR TO COMMENCING THE WORK

28.EXISTING TREE LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL REPORT ANY DISCREPANCIES FOUND IN THE FIELD

- 30. TREE PROTECTION MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY STANDARD TREE PROTECTION DETAILS AND THE APPROVED TREE PRESERVATION PLANS BY THE LANDSCAPE ARCHITECT. TREES TO BE REMOVED AND PRESERVED
- 32.NO TREE SHALL BE REMOVED UNLESS A TREE REMOVAL PERMIT HAS BEEN ISSUED BY THE CITY, OR CITY HAS OTHERWISE CONFIRMED IN WRITING THAT ONE IS NOT NEEDED FOR THE TREE(S) 33.NO TREE SHALL BE REMOVED OR DAMAGED WITHOUT PRIOR AUTHORIZATION OF THE OWNER OR OWNER'S REPRESENTATIVE. EXISTING TREES SHALL BE PRESERVED WHENEVER POSSIBLE AND GRADING IMPACT TO THEM HELD TO A MINIMUM.
- DEVICES, BEST MANAGEMENT PRACTICES (BMPS), AND FOR UPDATING THE EROSION CONTROL PLAN DURING CONSTRUCTION AS FIELD CONDITIONS 34. AFTER PLACEMENT OF SUBGRADE AND PRIOR TO PLACEMENT OF PAVEMENT, CONTRACTOR SHALL TEST AND OBSERVE PAVEMENT AREAS FOR EVIDENCE OF PONDING AND INADEQUATE SLOPE FOR DRAINAGE. ALL AREAS SHALL ADEQUATELY DRAIN TOWARDS THE INTENDED STRUCTURE TO CONVEY STORMWATER RUNOFF. CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER AND ENGINEER IF ANY AREAS OF POOR DRAINAGE ARE

RETAINING WALLS SHOWN ARE FOR SITE GRADING PURPOSES ONLY, AND INCLUDE ONLY LOCATION AND SURFACE SPOT ELEVATIONS AT THE TOP AND BOTTOM OF THE WALL

- RETAINING WALL TYPE OR SYSTEM SHALL BE SELECTED BY THE OWNER. S. RETAINING WALL DESIGN SHALL BE PROVIDED BY OTHERS AND SHALL FIT IN THE WALL ZONE OR LOCATION SHOWN ON THESE PLANS. STRUCTURAL 28.CONTRACTOR SHALL PROVIDE BACKWATER VALVES FOR PLUMBING FIXTURES AS REQUIRED BY THE APPLICABLE PLUMBING CODE (E.G. FLOOR DESIGN AND PERMITTING OF RETAINING WALLS, RAILINGS, AND OTHER WALL SAFETY DEVICES SHALL BE PERFORMED BY A LICENSED ENGINEER AND
- I. RETAINING WALL DESIGN SHALL MEET THE INTENT OF THE GRADING PLAN AND SHALL ACCOUNT FOR ANY INFLUENCE ON ADJACENT BUILDING FOUNDATIONS, UTILITIES, PROPERTY LINES AND OTHER CONSTRUCTABILITY NOTES. . RETAINING WALL ENGINEER SHALL CONSULT THESE PLANS AND THE GEOTECHNICAL REPORT FOR POTENTIAL CONFLICTS.
- FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE CITY SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE 2. ALL PRIVATE ON-SITE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION)

ALL PAVING MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS, THE CITY STANDARD DETAILS AND SPECIFICATIONS, THE

3. ALL FIRELANE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH CITY STANDARDS AND DETAILS. IF THESE ARE DIFFERENT THAN THOSE IN THE

INCLUDING ALL ADDENDA

- GEOTECHNICAL REPORT, THEN THE MORE RESTRICTIVE SHALL BE FOLLOWED
- 5 CONTRACTOR IS RESPONSIBLE FOR ALL PAVING AND PAVING SUBGRADE TESTING AND CERTIFICATION, UNITESS SPECIFIED OTHERWISE BY OWNER ALL PAVING AND PAVING SUBGRADE TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING PAVING AND SUBGRADE. OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE
- CONTRACTOR FOR PAVING AND PAVING SUBGRADE TESTING. 18. CONTRACTOR SHALL INSTALL A TEMPORARY SEDIMENT BASIN FOR ANY ON-SITE DRAINAGE AREAS THAT ARE GREATER THAN 10 ACRES, PER TCEQ 6. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE PAVING AND PAVING SUBGRADE, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS.
 - '. DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF
- NONE IS CURRENTLY EXISTING. DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BMP TO CONTROL SEDIMENTATION. PERIODIC RE-GRADING OR NEW STONE 8. CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED BASED ON THE CITY STANDARD CONSTRUCTION DETAIL AND SPECIFICATIONS.
 - 9. PRIVATE CURB RAMPS ON THE SITE (I.E. OUTSIDE PUBLIC STREET RIGHT-OF-WAY) SHALL CONFORM TO ADA AND TAS STANDARDS AND SHALL HAVE A DETECTABLE WARNING SURFACE THAT IS FULL WIDTH AND FULL DEPTH OF THE CURB RAMP, NOT INCLUDING FLARES.
- 11. ANY COMPONENTS OF THE PROJECT SUBJECT TO RESIDENTIAL USE SHALL ALSO CONFORM TO THE FAIR HOUSING ACT, AND COMPLY WITH THE FAIR 23.UPON COMPLETION OF FINE GRADING, ALL SURFACES OF DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED. STABILIZATION IS ACHIEVED WHEN HOUSING ACT DESIGN MANUAL BY THE US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
- THE AREA IS EITHER COVERED BY PERMANENT IMPERVIOUS STRUCTURES. SUCH AS BUILDINGS. SIDEWALK, PAVEMENT, OR A UNIFORM PERENNIAL 12. CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT TO MATCH EXISTING PAVEMENT WITH A SMOOTH, FLUSH, CONNECTION. 13 CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS FOR FIRE LANES, PARKING STALLS, HANDICAPPED PARKING SYMBOLS, AND
 - MISCELLANEOUS STRIPING WITHIN PARKING LOT AND AROUND BUILDING AS SHOWN ON THE PLANS. ALL PAINT AND PAVEMENT MARKINGS SHALL ADHERE TO CITY AND OWNER STANDARDS.
 - 14 REFER TO GEOTECHNICAL REPORT FOR PAVING JOINT LAYOUT PLAN REQUIREMENTS FOR PRIVATE PAVEMENT 15.REFER TO CITY STANDARD DETAILS AND SPECIFICATIONS FOR JOINT LAYOUT PLAN REQUIREMENTS FOR PUBLIC PAVEMENT. 16. ALL REINFORCING STEEL SHALL CONFORM TO THE GEOTECHNICAL REPORT, CITY STANDARDS, AND ASTM A-615, GRADE 60, AND SHALL BE
 - SUPPORTED BY BAR CHAIRS. CONTRACTOR SHALL USE THE MORE STRINGENT OF THE CITY AND GEOTECHNICAL STANDARDS. 18. THE MINIMUM LENGTH OF OFFSET JOINTS AT RADIUS POINTS SHALL BE 2 FEET.
 - 19. CONTRACTOR SHALL SUBMIT A JOINTING PLAN TO THE ENGINEER AND OWNER PRIOR TO BEGINNING ANY OF THE PAVING WORK. 21.FIRE LANES SHALL BE MARKED AND LABELED AS A FIRELANE PER CITY STANDARDS.
 - 22.UNLESS THE PLANS SPECIFICALLY DICTATE TO THE CONTRARY, ON-SITE AND OTHER DIRECTIONAL SIGNS SHALL BE ORIENTED SO THEY ARE READILY VISIBLE TO THE ONCOMING TRAFFIC FOR WHICH THEY ARE INTENDED. 23. CONTRACTOR IS RESPONSIBLE FOR INSTALLING NECESSARY CONDUIT FOR LIGHTING, IRRIGATION, ETC. PRIOR TO PLACEMENT OF PAVEMENT, ALL
- 24.BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA, TAS, AND FHA) EXIST TO AND 6 A COPY OF THE SWPPP, INCLUDING NOLSITE NOTICE CONTRACTOR CERTIFICATIONS, AND ANY REVISIONS, SHALL BE SUBMITTED TO THE CITY BY THE FROM EVERY DOOR AND ALONG SIDEWALKS, ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND ACCESSIBLE ROLLES, IN NO CASE SHALL AN ACCESSIBLE RAMP SLOPE EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK CROSS SLOPE EXCEED 2.0 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 5.0 PERCENT. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2.0 PERCENT SLOPE IN ANY DIRECTION
 - 25.CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIFY ENCOUNTERED, NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA AND TAS SLOPE COMPLIANCE ISSUES.

- 3. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING STORM SEWER FACILITIES THAT ARE TO BE CONNECTED TO, PRIOR TO START OF CONSTRUCTION OF ANY STORM SEWER, AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED
- 5. FLOW LINE, TOP-OF-CURB, RIM, THROAT, AND GRATE ELEVATIONS OF PROPOSED INLETS SHALL BE VERIFIED WITH THE GRADING PLAN AND FIELD
- 6. ALL PUBLIC STORM SEWER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO CITY PUBLIC WORKS STANDARD DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS. 7. ALL PRIVATE STORM SEWER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING CODE. CONTRACTOR
- SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS. 8. ALL PVC TO RCP CONNECTIONS AND ALL STORM PIPE CONNECTIONS ENTERING STRUCTURES OR OTHER STORM PIPES SHALL HAVE A CONCRETE
- 10. WHERE COVER EXCEEDS 20-FEET OR IS LESS THAN 2-FEET, CLASS IV RCP SHALL BE USED. 11.IF CONTRACTOR PROPOSES TO USE HDPE OR PVC IN LIEU OF RCP FOR PRIVATE STORM SEWER, CONTRACTOR SHALL SUBMIT TECHNICAL DATA TO THE OWNER, ENGINEER AND CITY ENGINEER/INSPECTOR FOR APPROVAL PRIOR TO ORDERING THE MATERIAL. ANY PROPOSED HDPE AND PVC SHALL
- BE WATERTIGHT 13. EMBEDMENT FOR ALL STORM SEWER LINES, PUBLIC OR PRIVATE, SHALL BE PER CITY STANDARD DETAILS.
- 14. ALL WYE CONNECTIONS AND PIPE BENDS ARE TO BE PREFABRICATED AND INSTALLED PER MANUFACTURERS SPECIFICATIONS 5.USE 4 FOOT JOINTS WITH BEVELED ENDS IF RADIUS OF STORM SEWER IS LESS THAN 100 FEET. 16. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONAL ENGINEER IN THE
- STATE OF TEXAS, TO THE CITY PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY. 17. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.

ANY PONDS THAT ARE INTENDED TO HOLD WATER INDEFINITELY SHALL BE CONSTRUCTED WATERTIGHT.

- A GEOTECHNICAL ENGINEER SHALL REVIEW AND APPROVE ALL POND LINER MATERIAL, PLACEMENT PROCEDURES, AND PROVIDE TESTING TO ENSURE THE POND LINER MATERIAL PLACED IS WATERTIGHT.
- 5. ANY GRAVEL OR OTHER PERVIOUS EMBEDMENT AROUND PIPES OR OUTFALL STRUCTURES NEAR THE POND SHALL BE ELIMINATED FOR AT LEAST 20-FEET FROM THE POND SO NO ROUTE FOR WATER TO LEAK THROUGH THE EMBEDMENT MATERIAL IS PROVIDED. BACKELL IN THESE AREAS SHALL BE OF IMPERVIOUS MATERIAL 6. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE WATER LEVEL FOLLOWING COMPLETION AND FILLING OF THE POND SHALL BE
- MONITORED BY THE CONTRACTOR FOR AT LEAST 60 DAYS TO OBSERVE WATER INFLOW, OUTFLOW, AND CALCULATE EVAPORATION TO VERIFY THAT THE POND IS WATERTIGHT 7. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE POND WATER LEVEL SHALL ALSO BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION SO THAT IT REMAINS FULL TO ITS DESIGN WATER LEVEL, AND IS NOT LOWERED, AS THIS MAY DRY-OUT THE POND LINER AND RISK ITS WATERTIGHT PROPERTIES.

ALL WATER AND WASTEWATER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS.

- CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING WATER AND WASTEWATER FACILITIES THAT ARE TO BE CONNECTED TO. PRIOR TO START OF CONSTRUCTION OF ANY WATER OR WASTEWATER CONSTRUCTION. AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED. 3. CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITY
- SERVICES ENTERING THE BUILDING 4. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATION OF ALL UTILITY CROSSINGS PRIOR TO THE INSTALLATION OF ANY PIPE. AND WASTEWATER IMPROVEMENTS.
- 6 ALL PUBLIC WATER AND WASTEWATER CONSTRUCTION PIPE STRUCTURES AND FITTINGS SHALL ADHERE TO CITY PUBLIC WORKS STANDARD DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS 7. ALL PRIVATE WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING CODE. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS.
- AND INSPECTIONS REQUIRED. THESE PLANS WERE PREPARED WITHOUT THE BENEFIT OF THE FIRE SPRINKLER DESIGN. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES.
- 9. EMBEDMENT FOR ALL WATER AND WASTEWATER LINES, PUBLIC OR PRIVATE, SHALL BE PER CITY STANDARD DETAILS. 10. CONTRACTOR SHALL TAKE REQUIRED SANITARY PRECAUTIONS, FOLLOWING ANY CITY, TCEQ, AND AWWA STANDARDS, TO KEEP WATER PIPE AND FITTINGS CLEAN AND CAPPED AT TIMES WHEN INSTALLATION IS NOT IN PROGRESS.
- 11. CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL WATER AND WASTEWATER LINES. 13. CONTRACTOR SHALL COMPLY WITH CITY REQUIREMENTS FOR WATER AND WASTEWATER SERVICE DISRUPTIONS AND THE AMOUNT OF PRIOR NOTICE THAT IS REQUIRED, AND SHALL COORDINATE DIRECTLY WITH THE APPROPRIATE CITY DEPARTMENT.
- 14 CONTRACTOR SHALL SEQUENCE WATER AND WASTEWATER CONSTRUCTION TO AVOID INTERRUPTION OF SERVICE TO SURROUNDING PROPERTIES. 15.CONTRACTOR SHALL MAINTAIN WATER SERVICE AND WASTEWATER SERVICE TO ALL CUSTOMERS THROUGHOUT CONSTRUCTION (IF NECESSARY, BY USE OF TEMPORARY METHODS APPROVED BY THE CITY AND OWNER). THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 16.THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL WATER AND WASTEWATER LINES CROSSING THE PROJECT. THE CONTRACTOR SHALL REPAIR ALL DAMAGED LINES IMMEDIATELY. ALL REPAIRS OF EXISTING WATER MAINS, WATER SERVICES, SEWER MAINS, AND SANITARY SEWER SERVICES ARE 17 VALVE ADJUSTMENTS SHALL BE CONSTRUCTED SUCH THAT THE COVERS ARE AT FINISHED SURFACE GRADE OF THE PROPOSED PAVEMENT
- 18. THE ENDS OF ALL EXISTING WATER MAINS THAT ARE CUT, BUT NOT REMOVED, SHALL BE PLUGGED AND ABANDONED IN PLACE. THIS WORK SHALL BE CONSIDERED AS A SUBSIDIARY COST TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. 19. ALL FIRE HYDRANTS, VALVES, TEES, BENDS, WYES, REDUCERS, FITTINGS, AND ENDS SHALL BE MECHANICALLY RESTRAINED AND/OR THRUST BLOCKED TO CITY STANDARDS.
- 20.CONTRACTOR SHALL INSTALL A FULL SEGMENT OF WATER OR WASTEWATER PIPE CENTERED AT ALL UTILITY CROSSINGS SO THAT THE JOINTS ARE GREATER THAN 9-FEET FROM THE CROSSING. 21.ALL CROSSINGS AND LOCATIONS WHERE WASTEWATER IS LESS THAN 9-FEET FROM WATER, WASTEWATER CONSTRUCTION AND MATERIALS SHAL
- COMPLY WITH TOFO CHAPTER 217 53 22.ALL CROSSING AND LOCATIONS WHERE WATER IS LESS THAN 9-FEET FROM WASTEWATER, WATER CONSTRUCTION AND MATERIALS SHALL COMPLY WITH TCEQ CHAPTER 290.44. 23.ALL WATER AND WASTEWATER SHALL BE TESTED IN ACCORDANCE WITH THE CITY, AWWA, AND TCEQ STANDARDS AND SPECIFICATIONS. AT A

MINIMUM. THIS SHALL CONSIST OF THE FOLLOWING

OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY

30.THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER

FINISHED GRADE

- a. ALL WATERLINES SHALL BE HYDROSTATICALLY TESTED AND CHLORINATED BEFORE BEING PLACED INTO SERVICE. CONTRACTOR SHALL COORDINATE WITH THE CITY FOR THEIR REQUIRED PROCEDURES AND SHALL ALSO COMPLY WITH TCEQ REGULATIONS. WASTEWATER LINES AND MANHOLES SHALL BE PRESSURE TESTED. CONTRACTOR SHALL COORDINATE WITH THE CITY FOR THEIR REQUIRED PROCEDURES AND SHALL ALSO COMPLY WITH TCEQ REGULATIONS. AFTER COMPLETION OF THESE TESTS, A TELEVISION INSPECTION SHALL BE PERFORMED AND PROVIDED TO THE CITY AND OWNER ON A DVD.
- 24.CONTRACTOR SHALL INSTALL DETECTABLE WIRING OR MARKING TAPE A MINIMUM OF 12" ABOVE WATER AND WASTEWATER LINES. MARKER DECALS SHALL BE LABELED "CAUTION - WATER LINE", OR "CAUTION - SEWER LINE". DETECTABLE WIRING AND MARKING TAPE SHALL COMPLY WITH CITY STANDARDS, AND SHALL BE INCLUDED IN THE COST OF THE WATER AND WASTEWATER PIPE. 25.DUCTILE IRON PIPE SHALL BE PROTECTED FROM CORROSION BY A LOW-DENSITY POLYETHYLENE LINER WRAP THAT IS AT LEAST A SINGLE LAYER OF
- 8-MIL. ALL DUCTILE IRON JOINTS SHALL BE BONDED. 26.WATERLINES SHALL BE INSTALLED AT NO LESS THAN THE MINIMUM COVER REQUIRED BY THE CITY 27.CONTRACTOR SHALL PROVIDE CLEAN-OUTS FOR PRIVATE SANITARY SEWER LINES AT ALL CHANGES IN DIRECTION AND 100-FOOT INTERVALS, OR AS REQUIRED BY THE APPLICABLE PLUMBING CODE. CLEAN-OUTS REQUIRED IN PAVEMENT OR SIDEWALKS SHALL HAVE CAST IRON COVERS FLUSH WITH
- ELEVATION OF FIXTURE UNIT IS BELOW THE ELEVATION OF THE MANHOLE COVER OF THE NEXT UPSTREAM MANHOLE IN THE PUBLIC SEWER). CONTRACTOR SHALL REVIEW BOTH MEP AND CIVIL PLANS TO CONFIRM WHERE THESE ARE REQUIRED. 29.THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, TO THE CITY PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED

ABBREVIATIONS AND DEFINITIONS:

Α	AREA
ADA	AMERICANS WITH DISABILITIES ACT
AWWA	AMERICAN WATER WORKS ASSOCIATION
B-B	BACK TO BACK
ВС	BEGIN CURVE
ВС	BACK OF CURB
BCR	BEGIN CURB RETURN
BMP	BEST MANAGEMENT PRACTICE
BOC	BACK OF CURB
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
BW	BOTTOM OF WALL
CFS	CUBIC FEET PER SECOND
CITY	CITY, TOWN, OR OTHER APPLICABLE LOCAL GOVERNMENT JURISDICTION
C/L	CENTERLINE
CL	CENTERLINE
CONC	CONCRETE
CY	CUBIC YARD
DEMO	DEMOLITION
DG	DECOMPOSED GRANITE
DTL	DETAIL
EA	EACH
EC	END CURVE

END CURB RETURN **EXISTING GROUND ELEVATION** ELECTRICAL / ELECTRICITY

ELEV ELEVATION UNITES STATES ENVIRONMENTAL PROTECTION AGENCY

EASEMENT ESMT END VERTICAL CURVE ELEVATION END VERTICAL CURVE STATION EVCS

FINISHED GROUND FIRE HYDRANT FLOW LINE FACE OF CURB

EXISTING

FACE TO FACE

HYDRAULIC GRADE LINE KIMI FY-HORN AND ASSOCIATES INC KIMLEY-HORN AND ASSOCIATES, INC LATERAL LINEAR FEET

MAXIMUM MATCH EXISTING ELEVATION MANHOLE MINUTE / MINIMUM

OFFSET

NOTICE OF INTENT, REF. TCEQ GENERAL PERMIT NOTICE OF TERMINATION, REF. TCEQ GENERAL PERMIT NOT TO SCALE NTS ON CENTER

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION POINT OF CURVATURE

PORTLAND CEMENT CONCRETE / POINT OF COMPOUND CURVATURE PGL PROPOSED GRADE LINE POINT OF INFLECTION PROPOSED POINT OF REVERSE CURVATURE POUNDS PER SQUARE INCH POINT OF TANGENCY POLYVINYL CHLORIDE POINT OF VERTICAL INFLECTION PAVEMENT

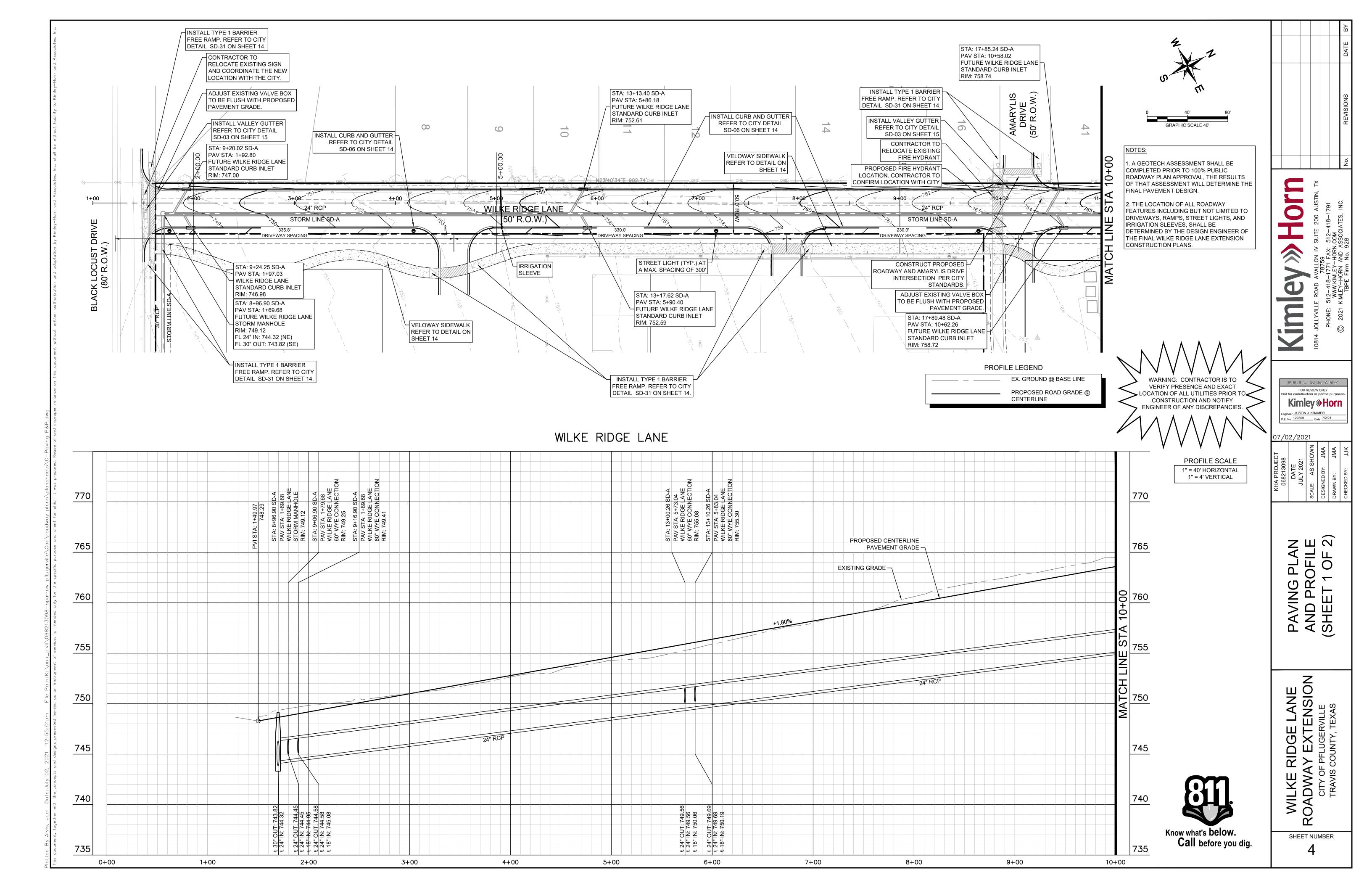
REINFORCED CONCRETE PIPE ROW RIGHT OF WAY SQUARE FEET SANITARY SEWER SANITARY SEWER MANHOLE

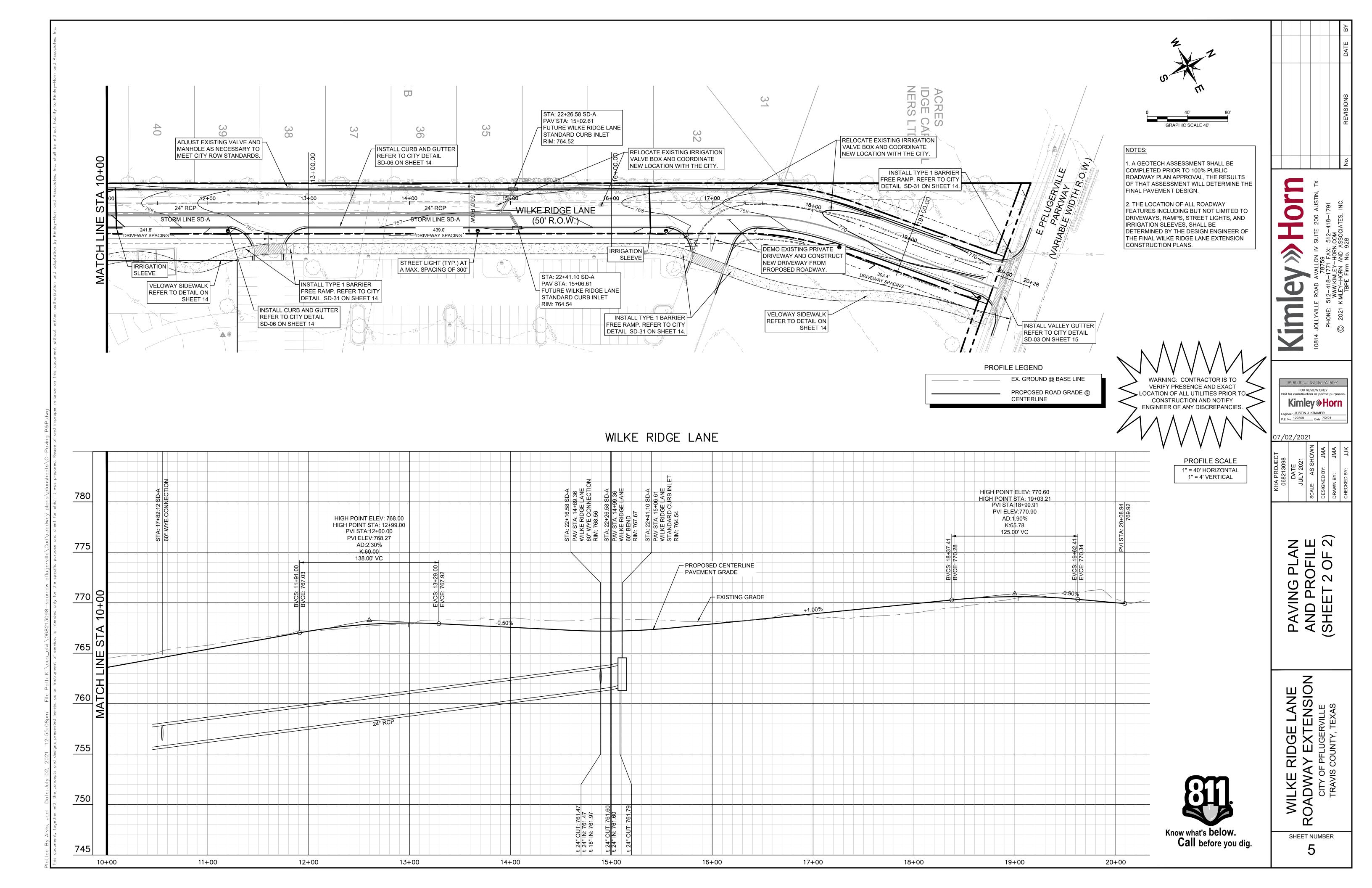
STD STANDARD SQUARE YARD ARCHITECTURAL BARRIERS TEXAS ACCESSIBILITY STANDARDS TOP OF CURB

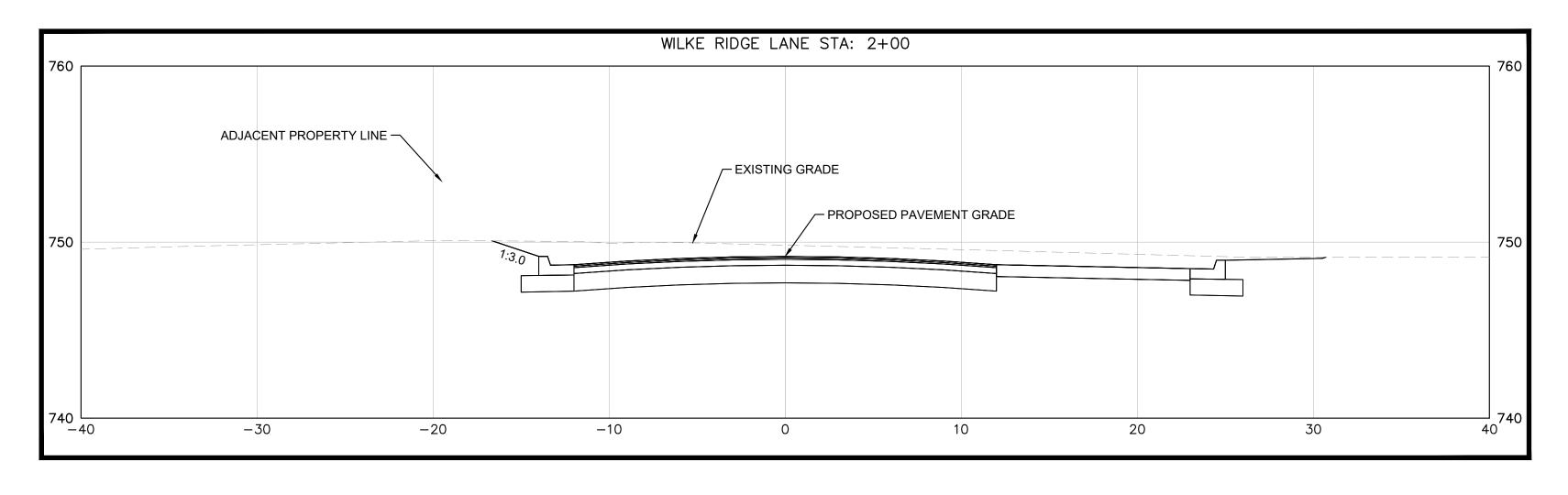
TEXAS COMMISSION OF ENVIRONMENTAL QUALITY TCFO TEMPORARY TEXAS DEPARTMENT OF TRANSPORTATION TXDOT TXMUTCD TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES

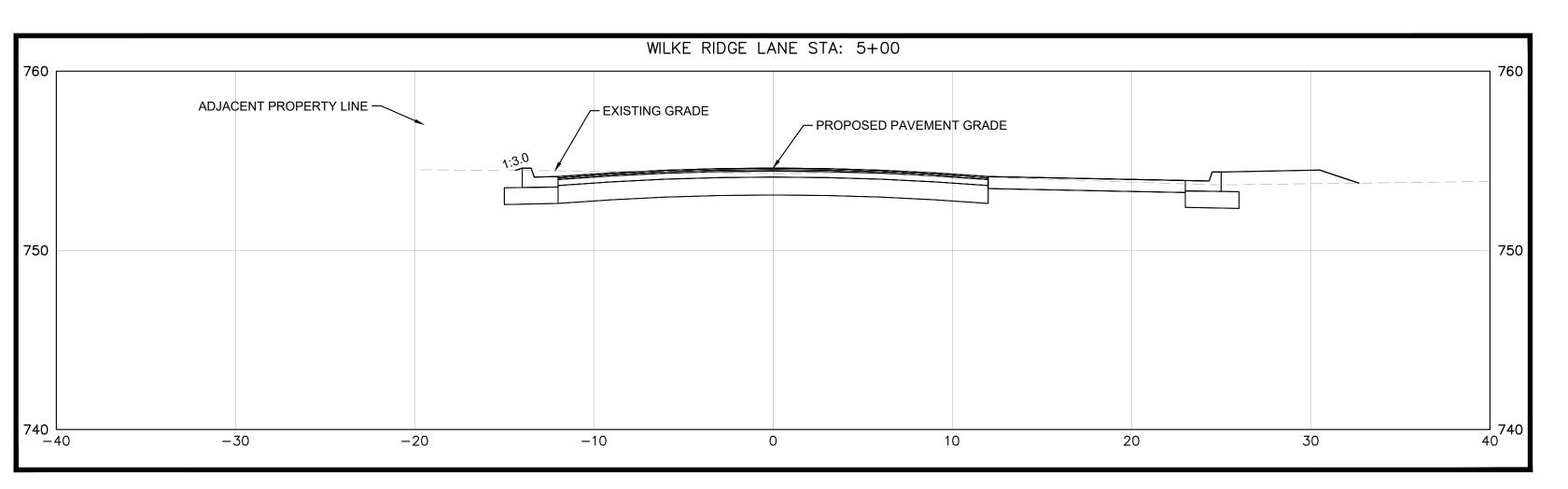
TOP OF WALL TW VC VERTICAL CURVE WATER WW WASTEWATER

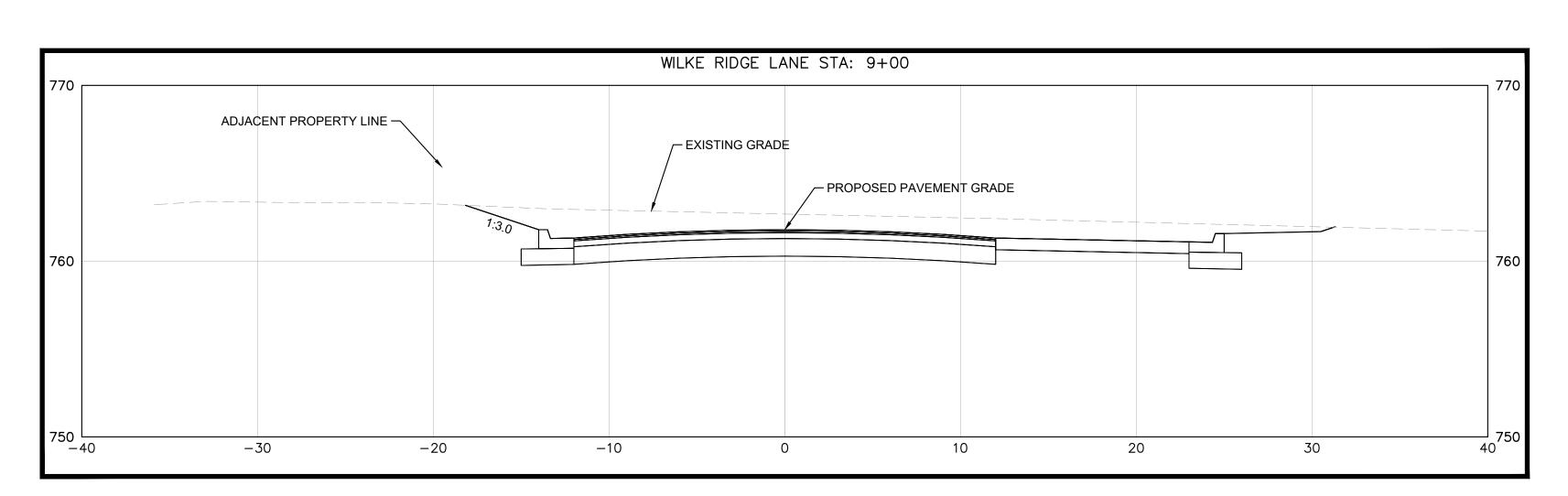
P.E. No. <u>122309</u> Date <u>7/2/2</u>



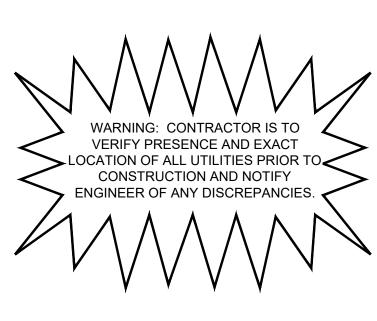








NOTE:
A GEOTECH ASSESSMENT SHALL BE COMPLETED PRIOR TO 100% PUBLIC ROADWAY PLAN APPROVAL, THE RESULTS OF THAT ASSESSMENT WILL DETERMINE THE FINAL PAVEMENT DESIGN.

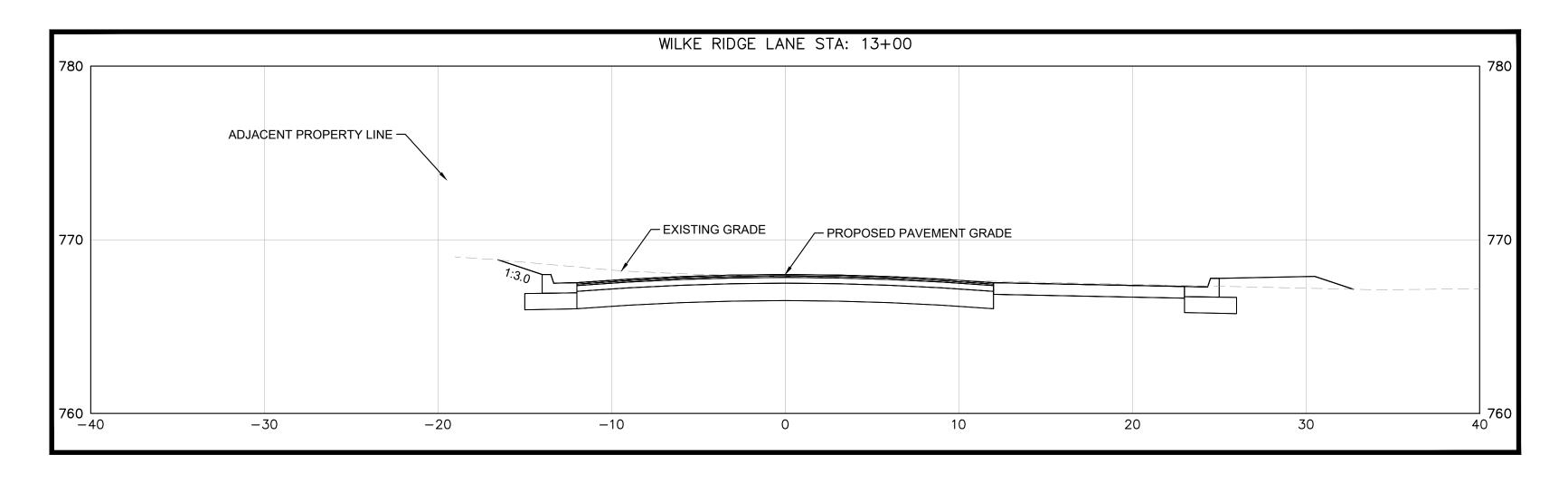


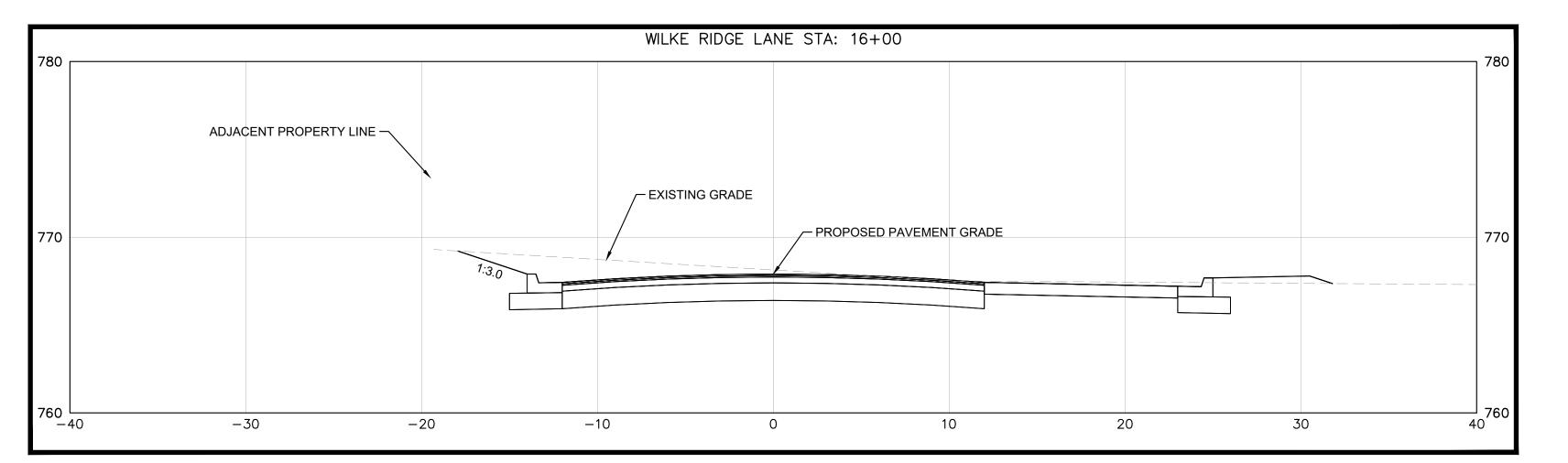


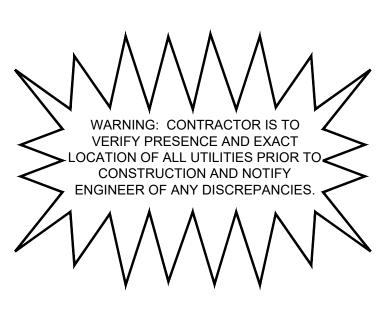
Kimley » Horn Engineer_JUSTIN J. KRAMER
P.E. No. 122309 Date 7/2/21

PROPOSED ROADWAY SECTIONS (SHEET 1 OF 2

WILKE RIDGE LANE
ROADWAY EXTENSION
CITY OF PFLUGERVILLE
TRAVIS COUNTY, TEXAS







NOTE:
A GEOTECH ASSESSMENT SHALL BE COMPLETED PRIOR TO 100% PUBLIC ROADWAY PLAN APPROVAL, THE RESULTS OF THAT ASSESSMENT WILL DETERMINE THE FINAL PAVEMENT DESIGN.

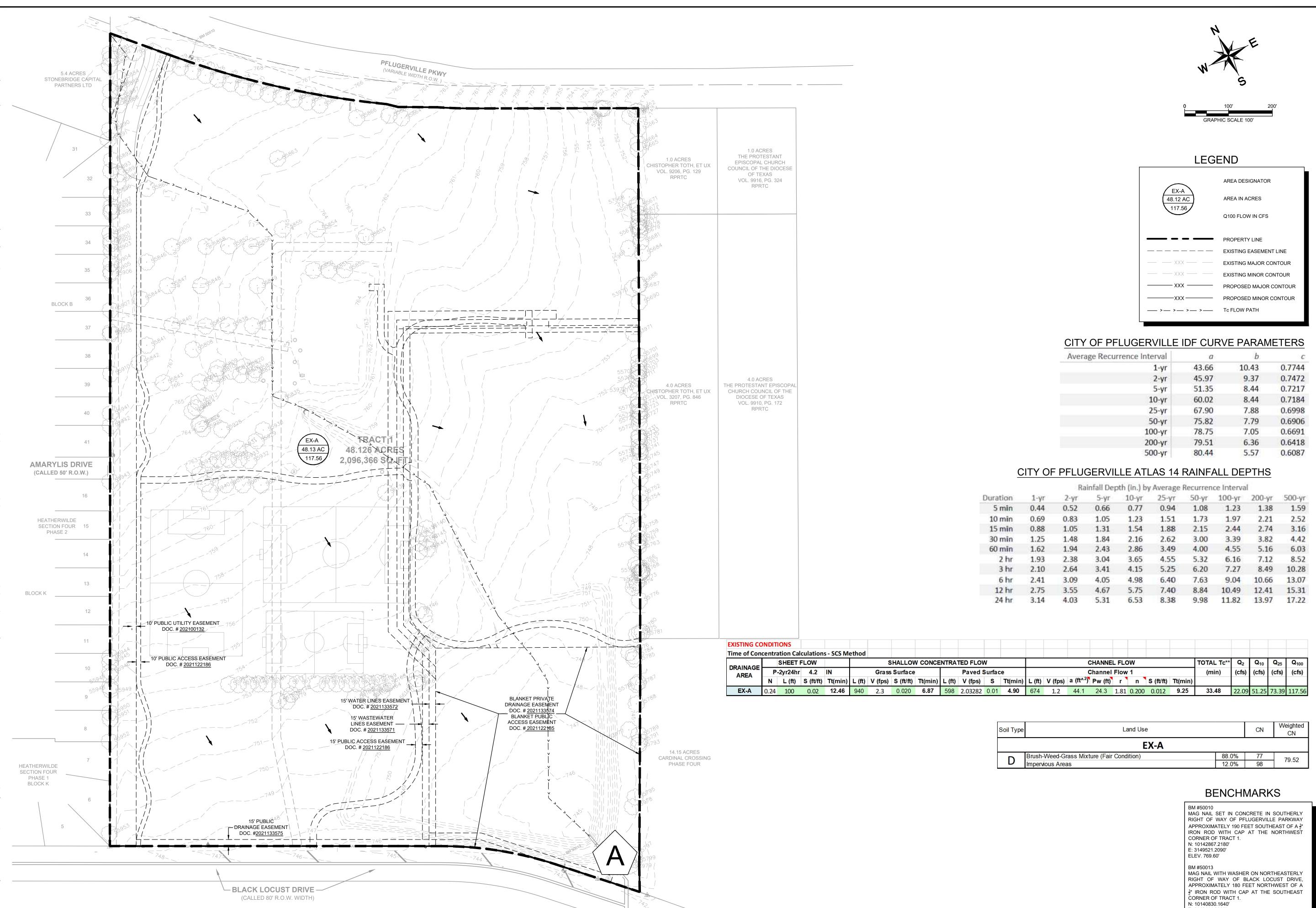




Kimley » Horn Engineer_ JUSTIN J. KRAMER
P.E. No. 122309 Date 7/2/21

PROPOSED ROADWAY SECTIONS (SHEET 2 OF 2

WILKE RIDGE LANE
ROADWAY EXTENSION
CITY OF PFLUGERVILLE
TRAVIS COUNTY, TEXAS



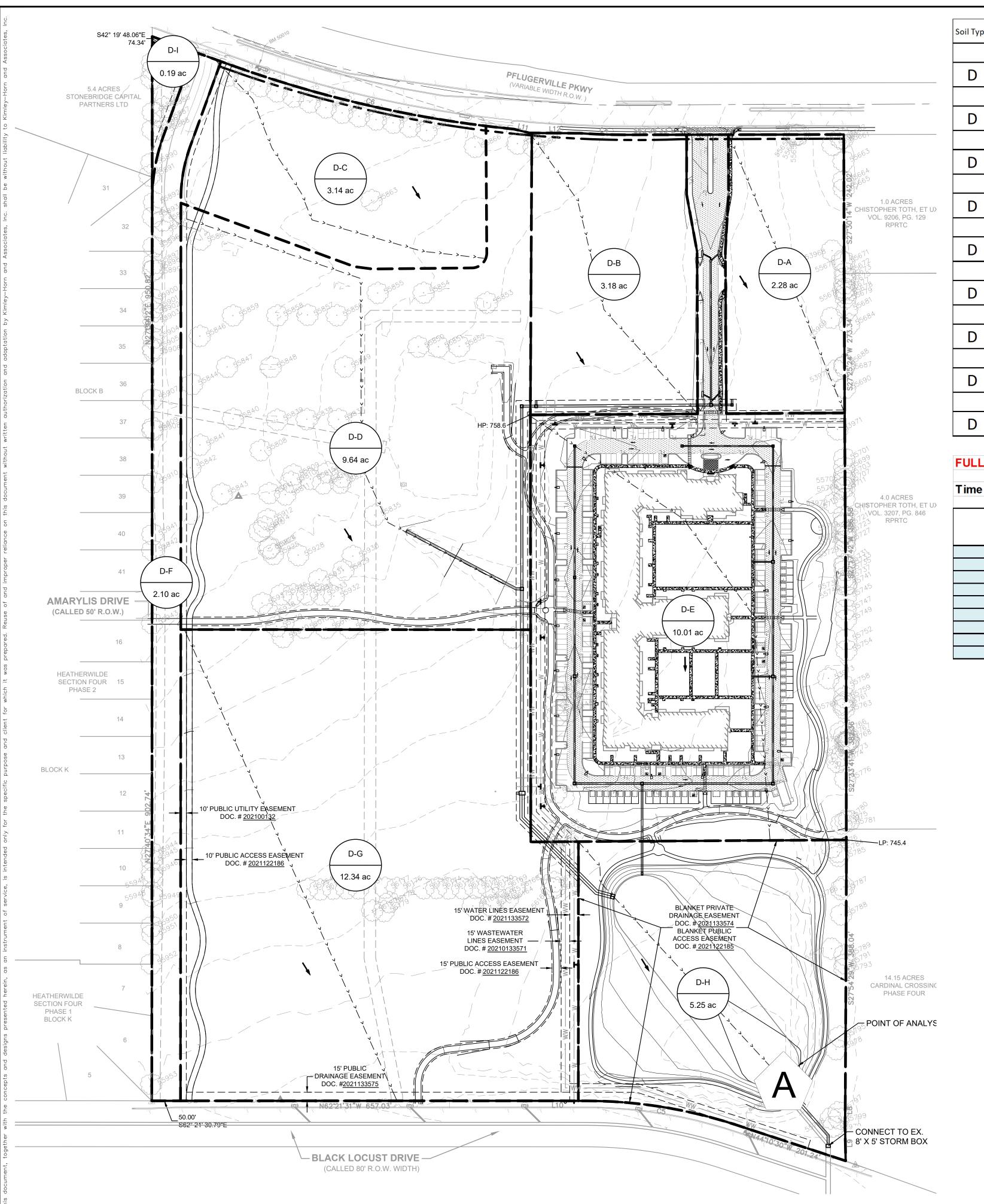


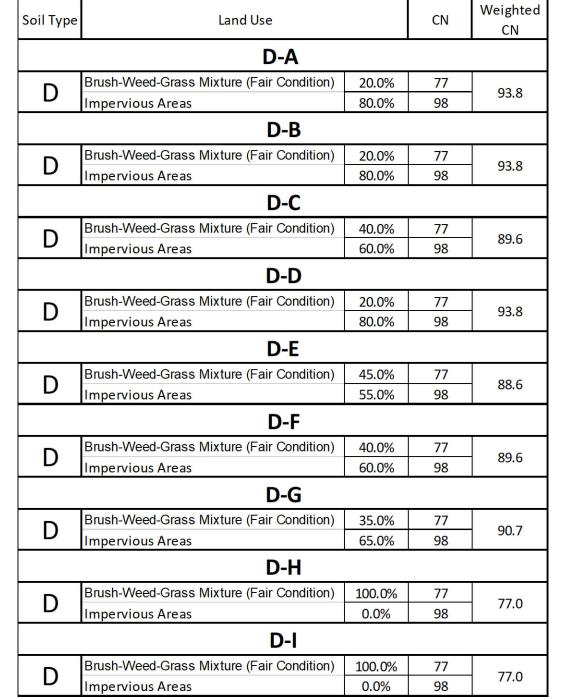
E: 3149414.3060' ELEV: 743.31'

FOR REVIEW ONLY or construction or permit pu Kimley»Horn Engineer JUSTIN J. KRAMER P.E. No. 122309 Date 7/2/21

07/02/2021

DRAIN/ A MAP EXISTING ARE





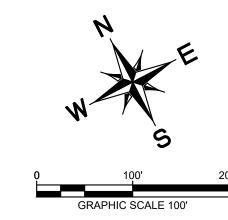
FULLY DEVELOPED TRACT					
Time of Concentration Calcu	lations	- SCS N	/lethod		
DRAINAGE AREA	Tc** (min)	Q ₂ (cfs)	Q ₁₀ (cfs)	Q ₂₅ (cfs)	Q ₁₀₀ (cfs)
D-A (Daycare)	6.00	5.69	10.10	17.43	19.23
D-B (Retail)	6.00	7.93	14.09	24.31	26.82
D-C (Church Outparcel)	6.00	5.28	10.46	19.61	21.47
D-D (Church)	6.00	24.04	42.71	73.69	81.29
D-E (MultiFamily)	6.00	15.36	31.07	59.46	65.33
D-F (Wilke Ridge Lane)	6.00	3 53	6 99	13 12	14 36

D-G (Soccer Fields)

D-H (Pond) D-I (Residual) 38.96 68.57

6.00 3.31 7.13 15.81

6.00 0.12 0.26 0.57 0.69



	LEGEND
X-1	AREA DESIGNATOR
9.9 ac	AREA IN ACRES
5.5 cfs	Q100 FLOW IN CFS
A-1	INLET NUMBER
	PROPERTY LINE
=======	EXISTING STORM DRAIN LINE
	PROPOSED DRAINAGE DIVIDE
	PROPOSED STORM DRAIN LINE
-	PROPOSED STORM DRAIN INLET
0	PROPOSED STORM DRAIN MANHOLE
\triangle	PROPOSED STORM DRAIN HEADWALL
→	PROPOSED FLOW DIRECTION
555	PROPOSED CONTOUR
— — — – 555 - — — — —	EXISTING CONTOUR
_ > _ > _ > _ > _ > _ > _	TIME OF CONCENTRATION PATH

CITY OF PFLUGERVILLE IDF CURVE PARAMETERS

C	Ь	a	Average Recurrence Interval
0.7744	10.43	43.66	1-yr
0.7472	9.37	45.97	2-yr
0.7217	8.44	51.35	5-yr
0.7184	8.44	60.02	10-yr
0.6998	7.88	67.90	25-yr
0.6906	7.79	75.82	50-yr
0.6691	7.05	78.75	100-yr
0.6418	6.36	79.51	200-yr
0.6087	5.57	80.44	500-yr

CITY OF PFLUGERVILLE ATLAS 14 RAINFALL DEPTHS

		Ra	infall Dep	oth (in.) by	Average	Recurren	ce Interva	ıl	
Duration	1-yr	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr	200-yr	500-yr
5 min	0.44	0.52	0.66	0.77	0.94	1.08	1.23	1.38	1.59
10 min	0.69	0.83	1.05	1.23	1.51	1.73	1.97	2.21	2.52
15 min	0.88	1.05	1.31	1.54	1.88	2.15	2.44	2.74	3.16
30 min	1.25	1.48	1.84	2.16	2.62	3.00	3.39	3.82	4.42
60 min	1.62	1.94	2.43	2.86	3.49	4.00	4.55	5.16	6.03
2 hr	1.93	2.38	3.04	3.65	4.55	5.32	6.16	7.12	8.52
3 hr	2.10	2.64	3.41	4.15	5.25	6.20	7.27	8.49	10.28
6 hr	2.41	3.09	4.05	4.98	6.40	7.63	9.04	10.66	13.07
12 hr	2.75	3.55	4.67	5.75	7.40	8.84	10.49	12.41	15.31
24 hr	3.14	4.03	5.31	6.53	8.38	9.98	11.82	13.97	17.22

Location	E	Existing F	low (CFS	5)
Location	2	10	25	100
	22.09	51.25	73.39	117.56
	Fully De	eveloped	Tract Flo	w (CFS)
	2	10	25	100
Point of Analysis A	81.33	155.93	284.49	314.85
		Differen	ce (CFS)	
	2	10	25	100
	59.24	104.68	211.10	197.29

PRE-DEVELOPMENT VS.
POST-DEVELOPMENT RUNOFF

Location	E	xisting F	low (CFS	5)		
Location	2	10	25	100		
	22.09	51.25	73.39	117.56		
	Deten	tion Pond	d Outflow	(CFS)		
	2	10	25	100		
Point of Analysis A	20.52	38.80	42.97	79.41		
	Difference (CFS)					
	2	10	25	100		
	-1.57	-12.45	-30.42	-38.15		

PRE-DEVELOPMENT VS.
DETENTION POND OUTFLOW

BENCHMARKS

NOTE:

1. REFER TO CITY OF PFLUGERVILLE PROJECT

1. REFER TO CITY OF PFLUGERVILLE PROJECT #SP2103-01 FOR STORM RUNOFF DETENTION.

BM #50010 MAG NAIL SET IN CONCRETE IN SOUTHEF RIGHT OF WAY OF PFLUGERVILLE PARKWAPPROXIMATELY 190 FEET SOUTHEAST OF IRON ROD WITH CAP AT THE NORTHWE CORNER OF TRACT 1. N: 10142867.2180' E: 3149521.2090' ELEV. 769.60'

MAG NAIL WITH WASHER ON NORTHEASTERLY RIGHT OF WAY OF BLACK LOCUST DRIVE, APPROXIMATELY 180 FEET NORTHWEST OF A $\frac{1}{2}\!\!\!^{\text{"}}$ IRON ROD WITH CAP AT THE SOUTHEAST CORNER OF TRACT 1. N: 10140830.1640' E: 3149414.3060' ELEV: 743.31'

SHEET NUMBER

Kimley Horn

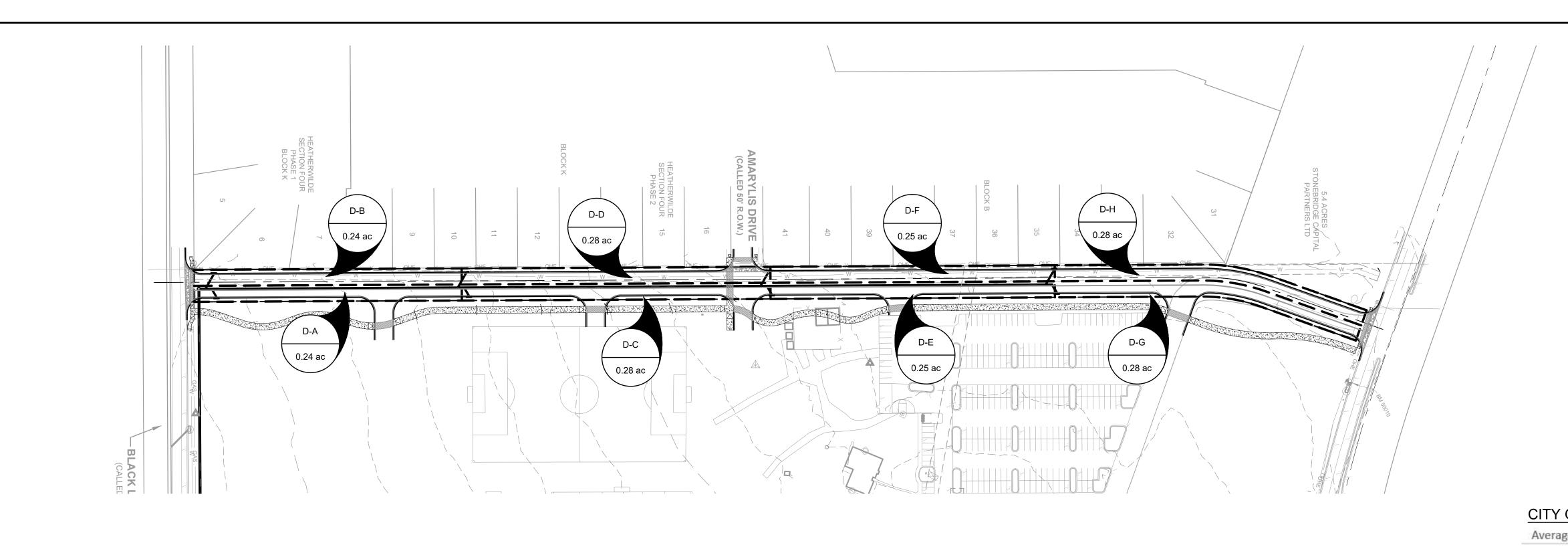
Engineer JUSTIN J. KRAMER
P.E. No. 122309 Date 7/2/21

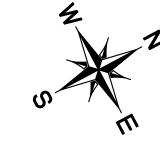
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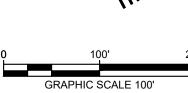
ENDGE LANE

AY EXTENSION

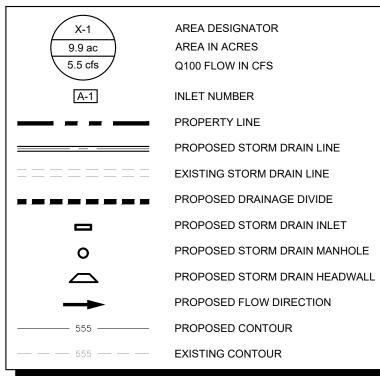
DF PFLUGERVILLE
S COUNTY, TEXAS







LEGEND



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Duration	1-yr	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr	200-yr	500-yr
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10 min	0.69	0.83	1.05	1.23	1.51	1.73	1.97	2.21	2.52
15 min	0.88	1.05	1.31	1.54	1.88	2.15	2.44	2.74	3.16
30 min	1.25	1.48	1.84	2.16	2.62	3.00	3.39	3.82	4.42
60 min	1.62	1.94	2.43	2.86	3.49	4.00	4.55	5.16	6.03
2 hr	1.93	2.38	3.04	3.65	4.55	5.32	6.16	7.12	8.52
3 hr	2.10	2.64	3.41	4.15	5.25	6.20	7.27	8.49	10.28
6 hr	2.41	3.09	4.05	4.98	6.40	7.63	9.04	10.66	13.07
12 hr	2.75	3.55	4.67	5.75	7.40	8.84	10.49	12.41	15.31
24 hr	3.14	4.03	5.31	6.53	8.38	9.98	11.82	13.97	17.22

HILL COUNTRY BIBLE CHURCH SUBBASIN DRAINAGE CONDITIONS

DRAINAGE AREA	AREA (SF)	AREA (AC)	IMPERVIOUS COVER (AC)	IMPERVIOUS COVER (%)	WEIGHTED RUNOFF COEFFICIENT	TOTAL Tc** (min)	Q ₂ (cfs)	Q ₁₀ (cfs)	Q ₂₅ (cfs)	Q ₁₀₀ (cfs)
D-A	10454.40	0.24	0.175	73.00%	0.92	5.00	1.38	2.04	2.50	3.27
D-B	10454.40	0.24	0.175	73.00%	0.92	5.00	1.38	2.04	2.50	3.27
D-C	12196.80	0.28	0.204	73.00%	0.92	5.00	1.61	2.38	2.91	3.82
D-D	12196.80	0.28	0.204	73.00%	0.92	5.00	1.61	2.38	2.91	3.82
D-E	10890.00	0.25	0.183	73.00%	0.92	5.00	1.44	2.13	2.60	3.41
D-F	10890.00	0.25	0.183	73.00%	0.92	5.00	1.44	2.13	2.60	3.41
D-G	12196.80	0.28	0.204	73.00%	0.92	5.00	1.61	2.38	2.91	3.82
D-H	12196.80	0.28	0.204	73.00%	0.92	5.00	1.61	2.38	2.91	3.82

	DRAINAGE INLET CALCULATIONS								
INLET NUMBER	DRAINAGE AREA NUMBER	Q10 (CFS)	Q-100 (CFS)	LENGTH (FT)	INLET AREA (SQFT)	CLOGGING FACTOR	MAX DEPTH - h (FT)	INLET CAPACITY (CFS)	REMARKS
1	D-A	2.04	3.27	10.00	N/A	N/A	0.50	8.13	10' CURB INLET (ON GRADE)
2	D-B	2.04	3.27	10.00	N/A	N/A	0.50	8.13	10' CURB INLET (ON GRADE)
3	D-C	2.38	3.82	10.00	N/A	N/A	0.50	8.13	10' CURB INLET (ON GRADE)
4	D-D	2.38	3.82	10.00	N/A	N/A	0.50	8.13	10' CURB INLET (ON GRADE)
5	D-E	2.13	3.41	10.00	N/A	N/A	0.50	8.13	10' CURB INLET (ON GRADE)
6	D-F	2.13	3.41	10.00	N/A	N/A	0.50	8.13	10' CURB INLET (ON GRADE)
7	D-G	2.38	3.82	10.00	N/A	N/A	0.50	8.13	10' CURB INLET (ON GRADE)
8	D-H	2.38	3.82	10.00	N/A	N/A	0.50	8.13	10' CURB INLET (ON GRADE)

WEIR EQUATION Q=2.3(h^1.5)L WAS USED FOR CURB INLET CALCULATIONS. ORIFICE EQUATION Q=0.67 X A X (64.4 X h)^0.5 WAS USED FOR GRATE INLET CALCULATIONS WITH 50% CLOGGING REDUCTION. MAXIMUM DEPTH VARIES

BENCHMARKS

MAG NAIL SET IN CONCRETE IN SOUTHERLY RIGHT OF WAY OF PFLUGERVILLE PARKWAY APPROXIMATELY 190 FEET SOUTHEAST OF A $\frac{1}{2}$ " IRON ROD WITH CAP AT THE NORTHWEST CORNER OF TRACT 1. N: 10142867.2180' E: 3149521.2090' ELEV. 769.60'

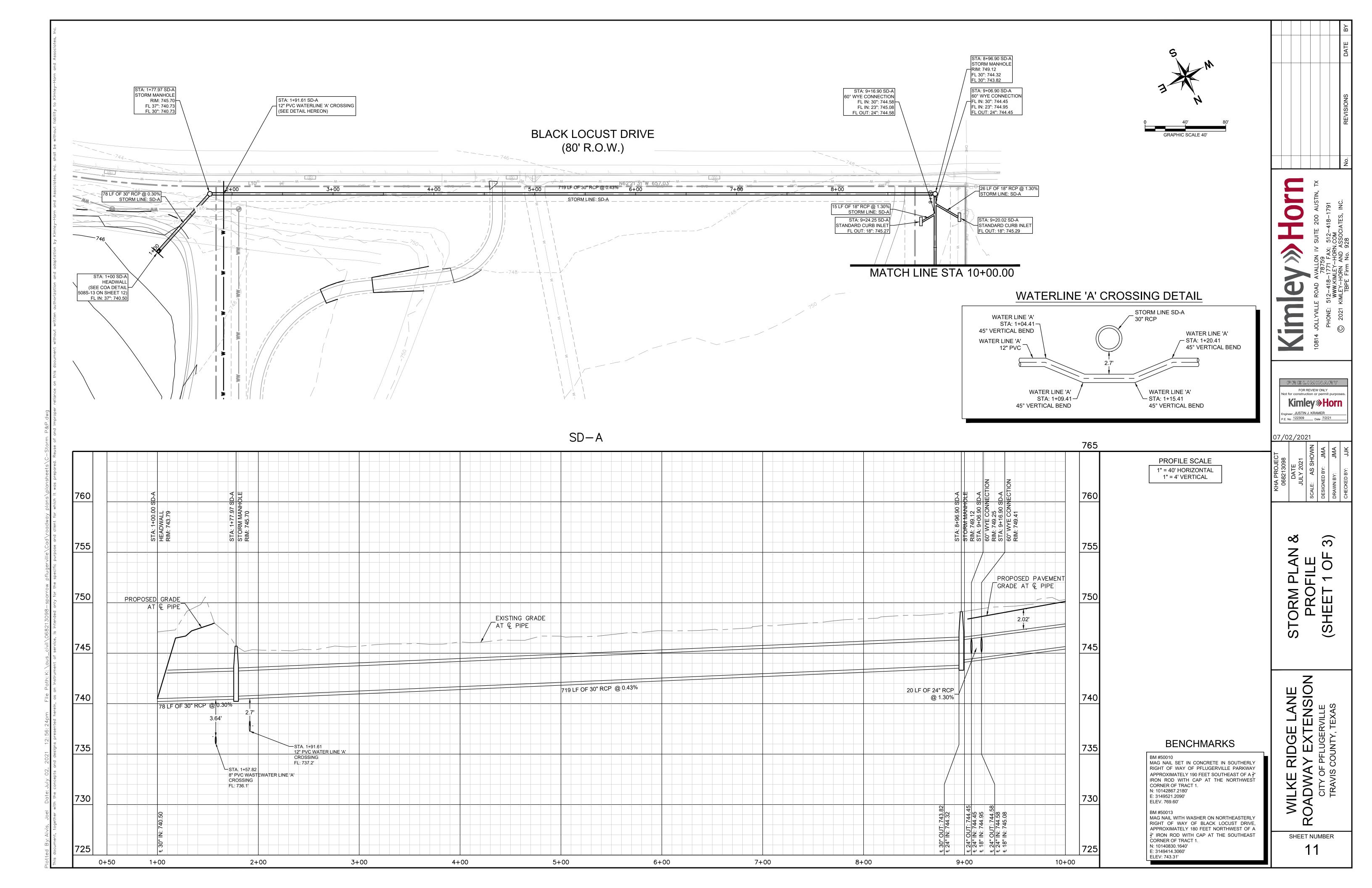
MAG NAIL WITH WASHER ON NORTHEASTERLY RIGHT OF WAY OF BLACK LOCUST DRIVE, APPROXIMATELY 180 FEET NORTHWEST OF A $\frac{1}{2}\!\!\!\!^{\text{"}}$ IRON ROD WITH CAP AT THE SOUTHEAST CORNER OF TRACT 1. N: 10140830.1640' E: 3149414.3060'

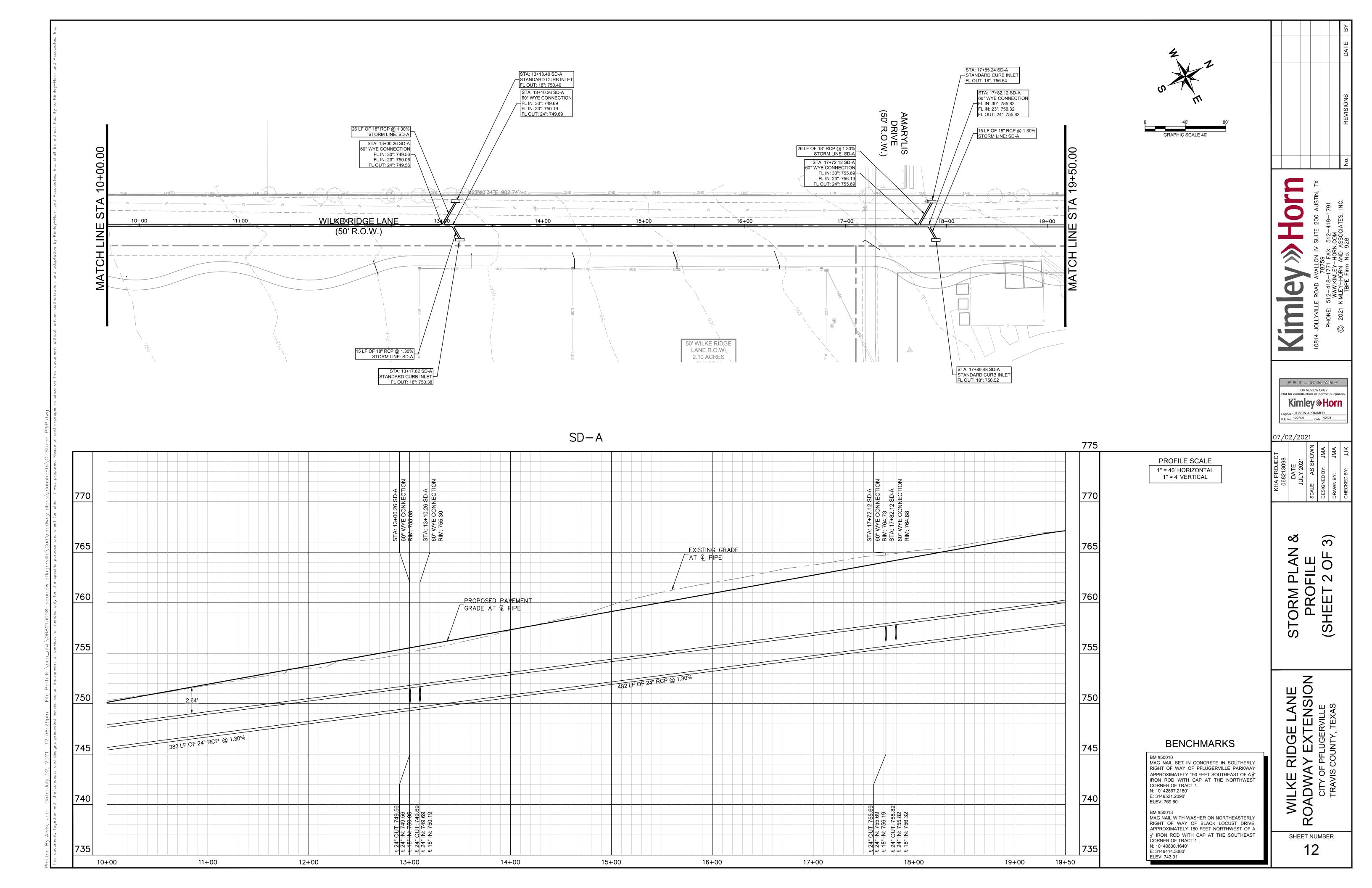
ELEV: 743.31'

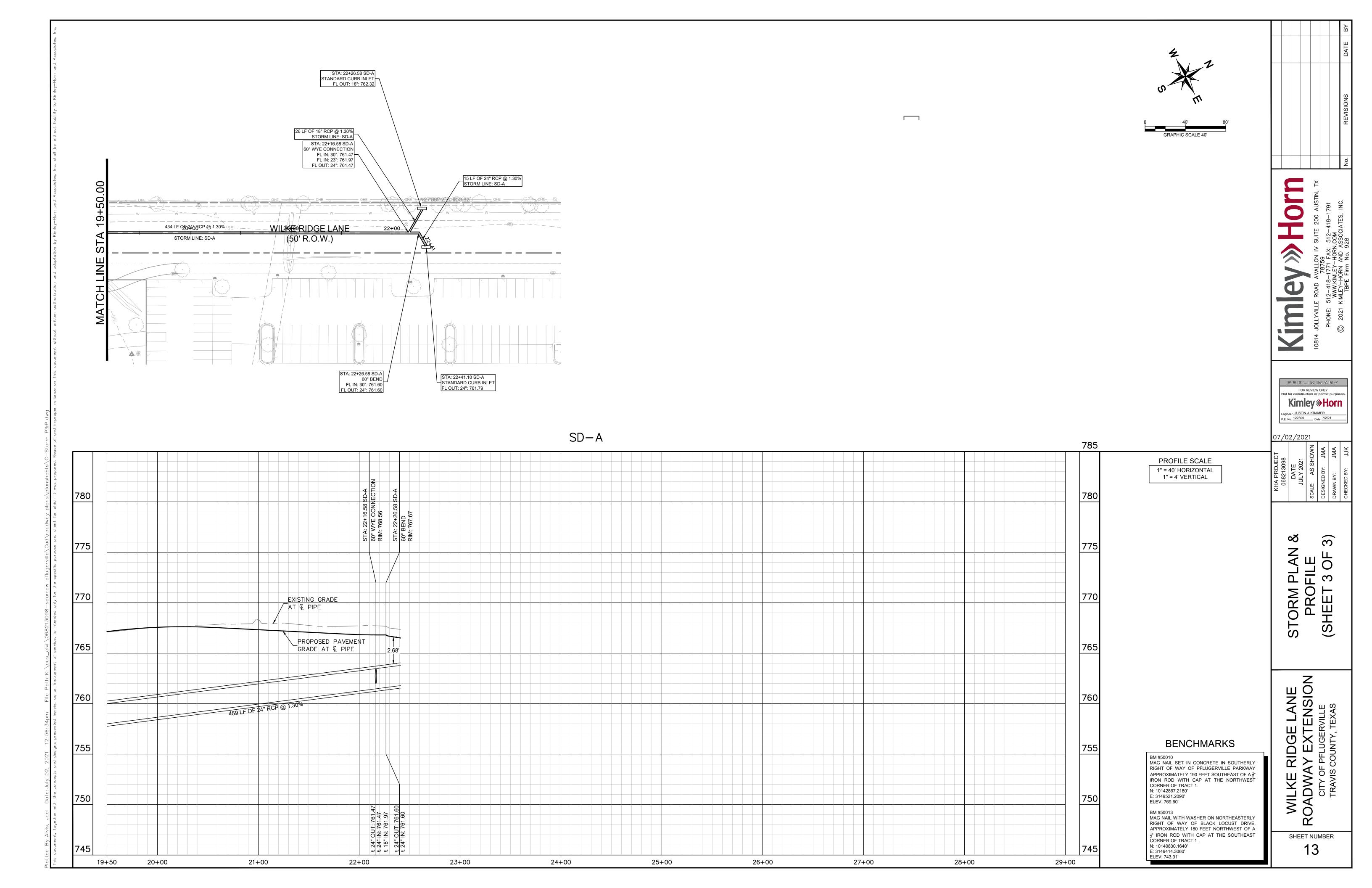
Kimley »**Horn**

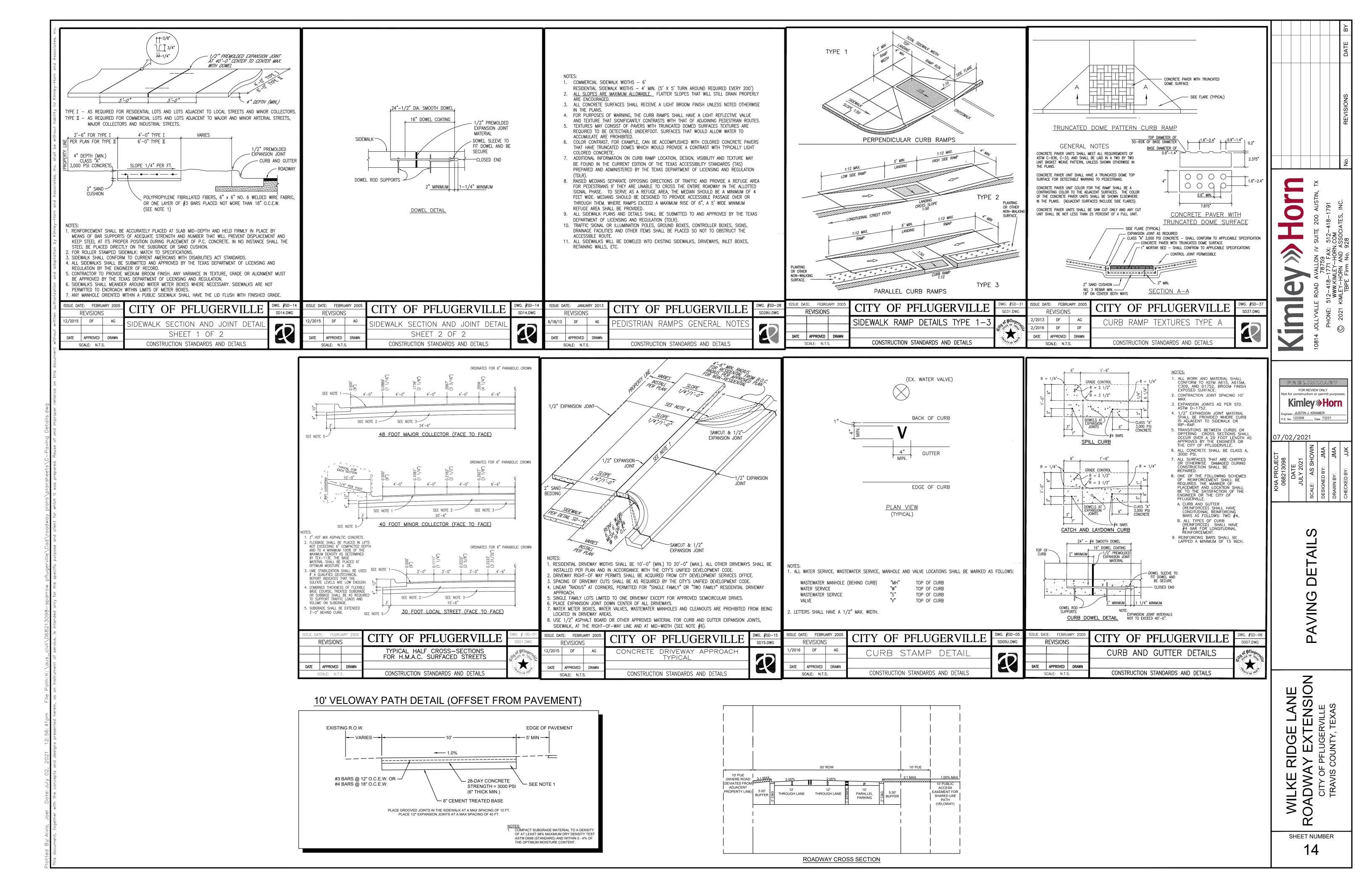
INLET DRAINAG AREA MAP

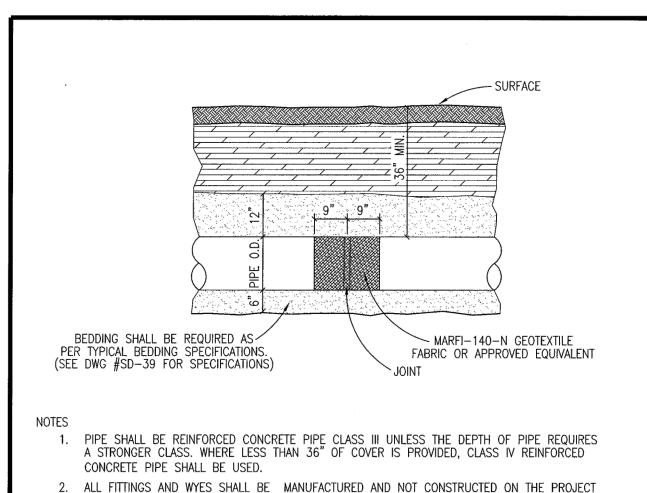
WILKE RIDGE LANE
ROADWAY EXTENSION
CITY OF PFLUGERVILLE
TRAVIS COUNTY, TEXAS







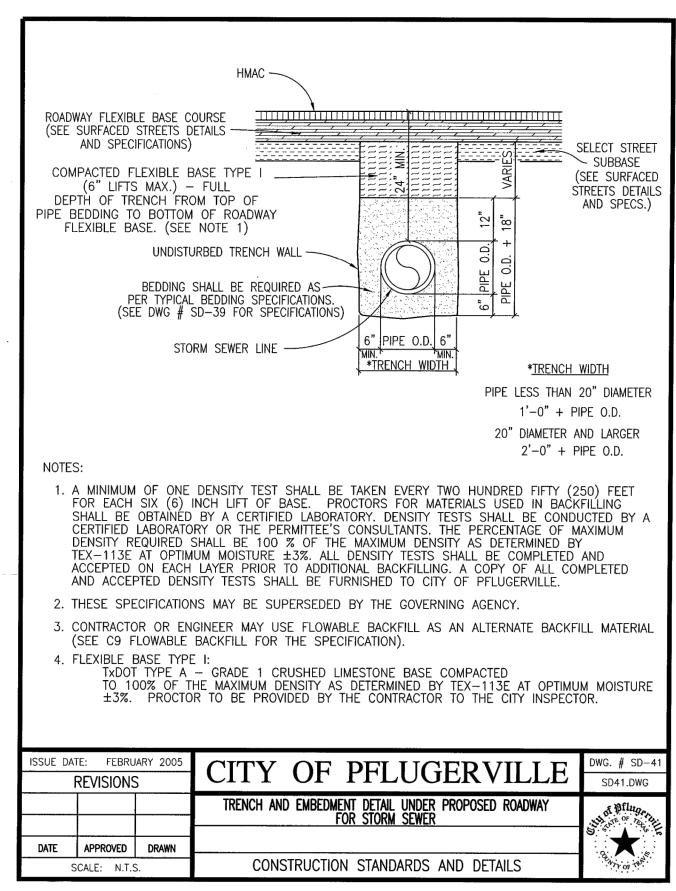


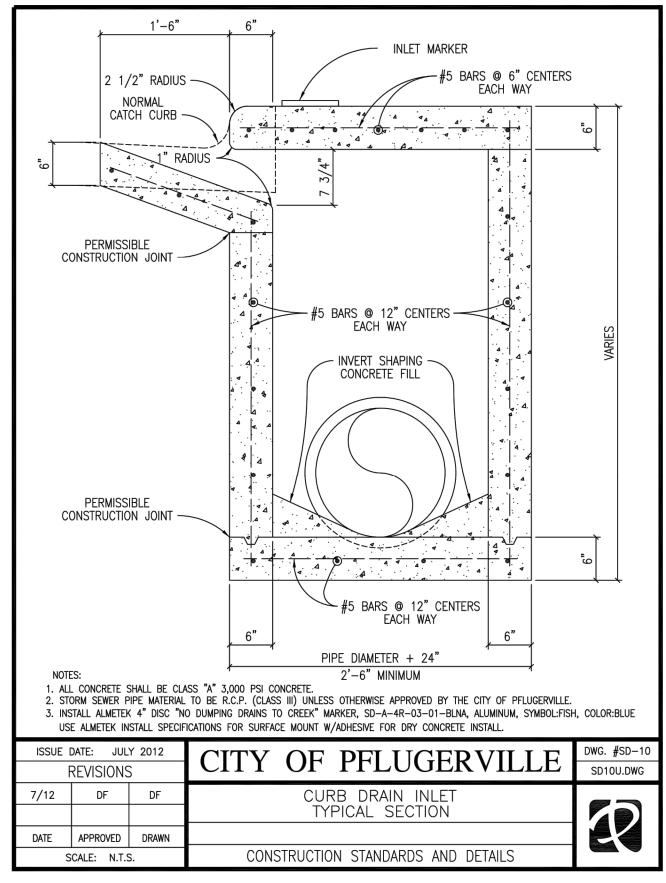


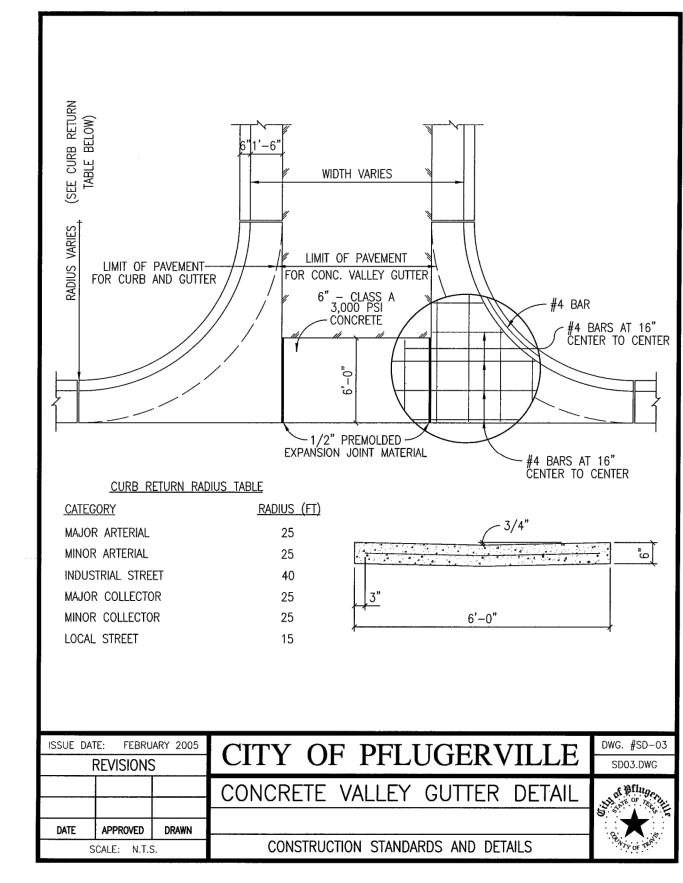
	CONCRETE PIPE SHALL BE USED.			
2.	ALL FITTINGS AND WYES SHALL BE WITHOUT PRIOR APPROVAL FROM TH	AND NO	T CONSTRUCTED	ON THE PROJECT

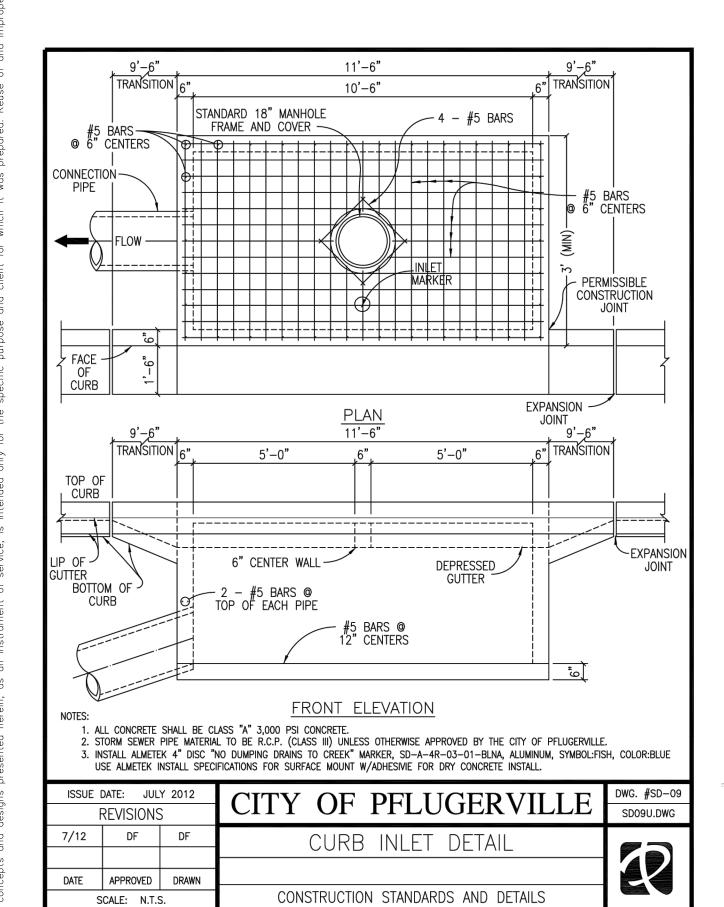
3.	ALL JOINTS THAT ARE NOT SEALED WITH A WATERTIGHT CONNECTION SHALL BE WRAPPED WITH
	MARF1-140-N GEOTEXTILE FABRIC OR APPROVED EQUIVALENT. THE JOINT SHALL BE WRAPPED
	WITH 18" WIDE FABRIC SPLITTING THE JOINT.

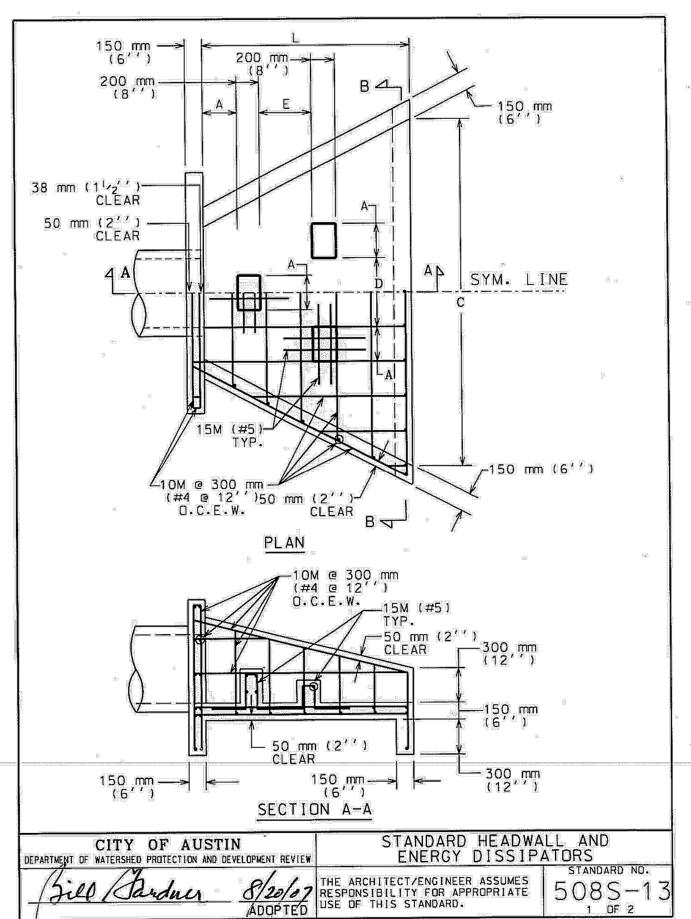
DWG. # SD-42	CITY OF PFLUGERVILLE	ARY 2005	TE: FEBRU	ISSUE DA
SD42.DWG	CITT OF PFLUGERVILLE		REVISIONS	
of Afluger	TRENCH AND EMBEDMENT DETAIL (PROFILE) FOR STORM SEWER			
	POR GIORW SEVER			
8.		DRAWN	APPROVED	DATE
NY OF TRE	CONSTRUCTION STANDARDS AND DETAILS	S.	SCALE: N.T.S	
	0.0			

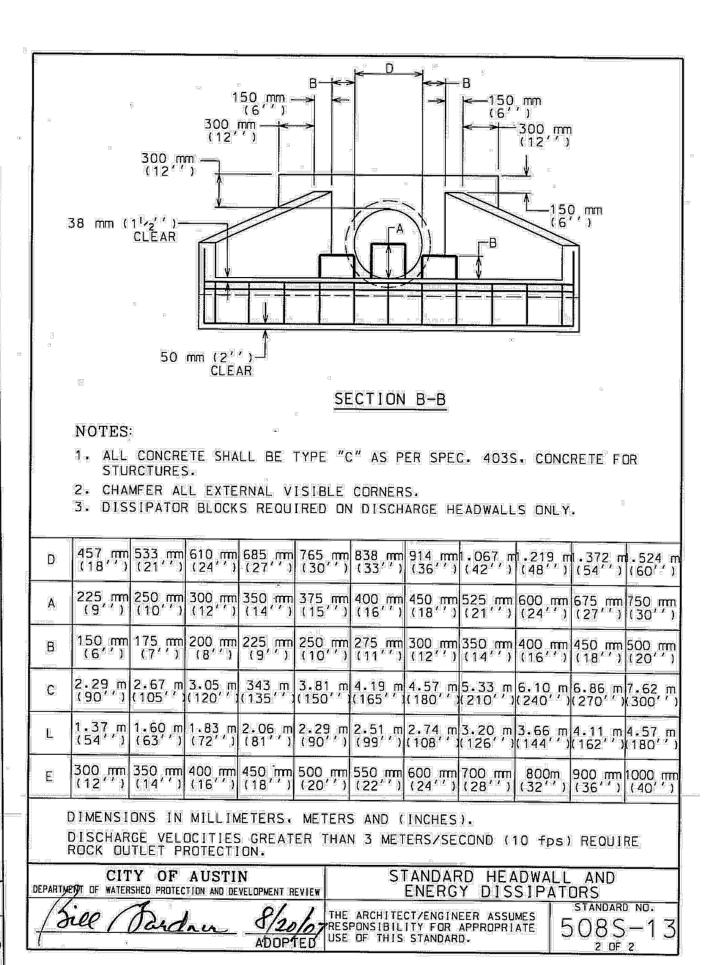


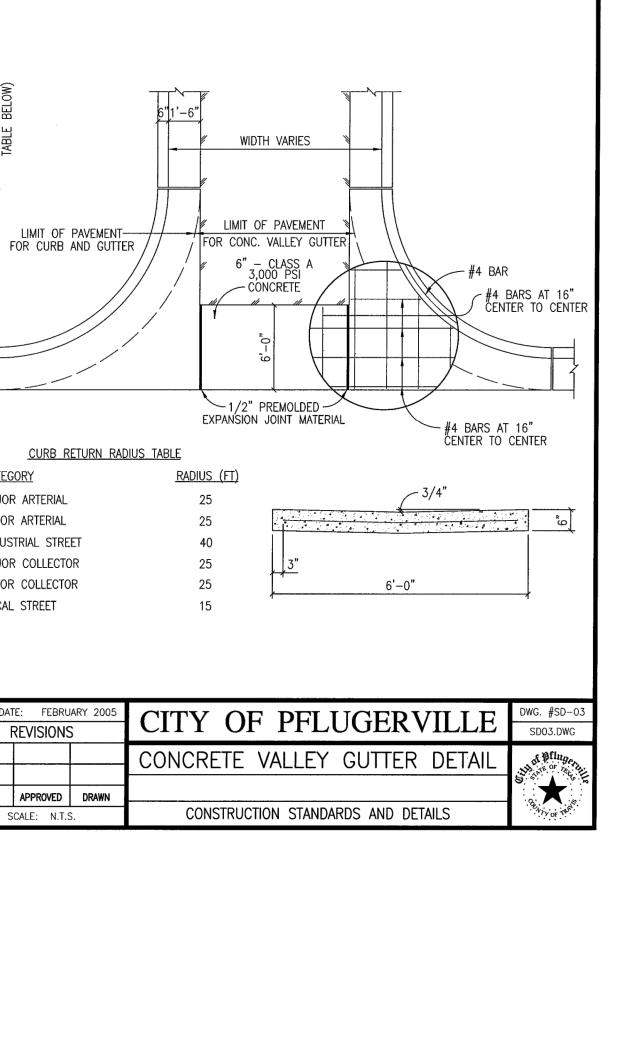


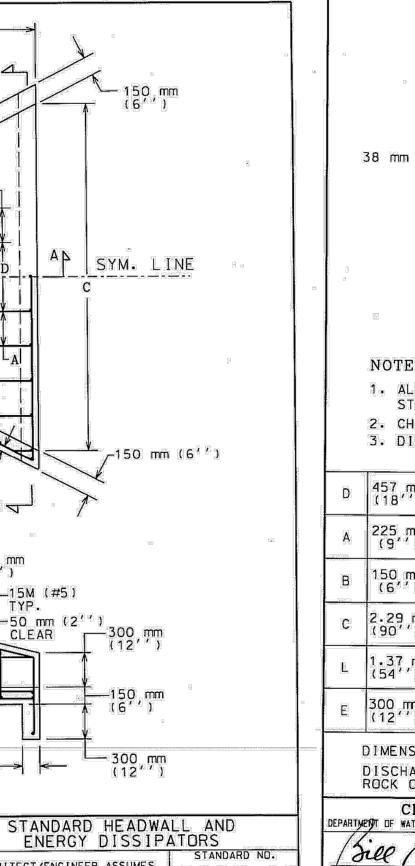














FOR REVIEW ONLY

Engineer_JUSTIN J. KRAMER P.E. No. <u>122309</u> Date <u>7/2/21</u>

DRAIN

07/02/2021

Kimley » Horn