

RESOLUTION NO. _____

RESOLUTION OF THE CITY OF PFLUGERVILLE, TEXAS APPROVING A ROADWAY PARTICIPATION AGREEMENT WITH HILL COUNTRY BIBLE CHURCH LOCATED AT 3030 E. PFLUGERVILLE PKWY.

WHEREAS, Hill Country Bible Church was approved for a Planned Unit Development through Ordinance No. 1478-21-02-09 to allow the further development of the property; and

WHEREAS, during the PUD discussion, Hill Country Bible Church agreed to provide for the extension of Wilke Lane through the western portion of the property by dedicating 50 feet of right of way, established through the Hill Country Bible Church final plat (Document No. 202100132); and

WHEREAS, Hill Country Bible Church has agreed to provide for the 30% design of construction plans for the extension of Wilke Lane through their property; and

WHEREAS, the extension of Wilke Lane is shown on the Master Transportation Plan and the future extension will serve the health, safety, and general welfare of the public with connectivity; and

WHEREAS, the proposed cross section deviates from the Master Transportation Plan in order to reduce impact to the adjacent neighborhood while also providing pedestrian connectivity and designated on-street parking; and

WHEREAS, additional stormwater improvements necessary for the construction of the roadway may be established by the City with flows being directed through an already dedicated easement on the Hill Country Church property (Document No. 2021133575) to an existing privately maintained detention pond; and

WHEREAS, the City Council hereby finds and determines that the request is harmonious and compatible with the surrounding area; and

WHEREAS, the City Council hereby finds and determines the nature of the request is reasonable; and

WHEREAS, the City Council hereby finds and determines any impact on the surrounding area has been mitigated; and

WHEREAS, the City Staff recommends approval of the request, as memorialized in a Roadway Participation Agreement attached as **Exhibit A**, based on the requirements provided for in this Resolution .

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PFLUGERVILLE, TEXAS:

Section 1.

That the above recitals and findings are hereby found to be true and correct by the City Council and incorporated herein for all purposes.

Section 2.

The City Council hereby authorizes the City Manager to execute the Roadway Participation Agreement with the Hill Country Bible Church, attached hereto as **Exhibit A**, and have the document recorded.

Section 3.

That this Resolution shall be in full force and effect from and after its passage and adoption.

APPROVED AND ADOPTED, this the ____ day of July 2021

Victor Gonzales, Mayor

ATTEST:

Karen Thompson, City Secretary

APPROVED AS TO FORM:

Charles Zech, City Attorney
Denton Navarro Rocha Bernal & Zech, PC

EXHIBIT A

ROADWAY PARTICIPATION AGREEMENT

ROADWAY PARTICIPATION AGREEMENT

This Roadway Participation Agreement (“Agreement”) 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 “City”) and Hill Country Bible Church Pflugerville (“Owner”), 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 February 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 easement 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 CITY ON _____, 2021.

[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 personally appeared _____,
_____ of the City of Pflugerville, known to me to be the
person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she
has executed the same for the purposes and consideration therein expressed.

Given under my hand 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:

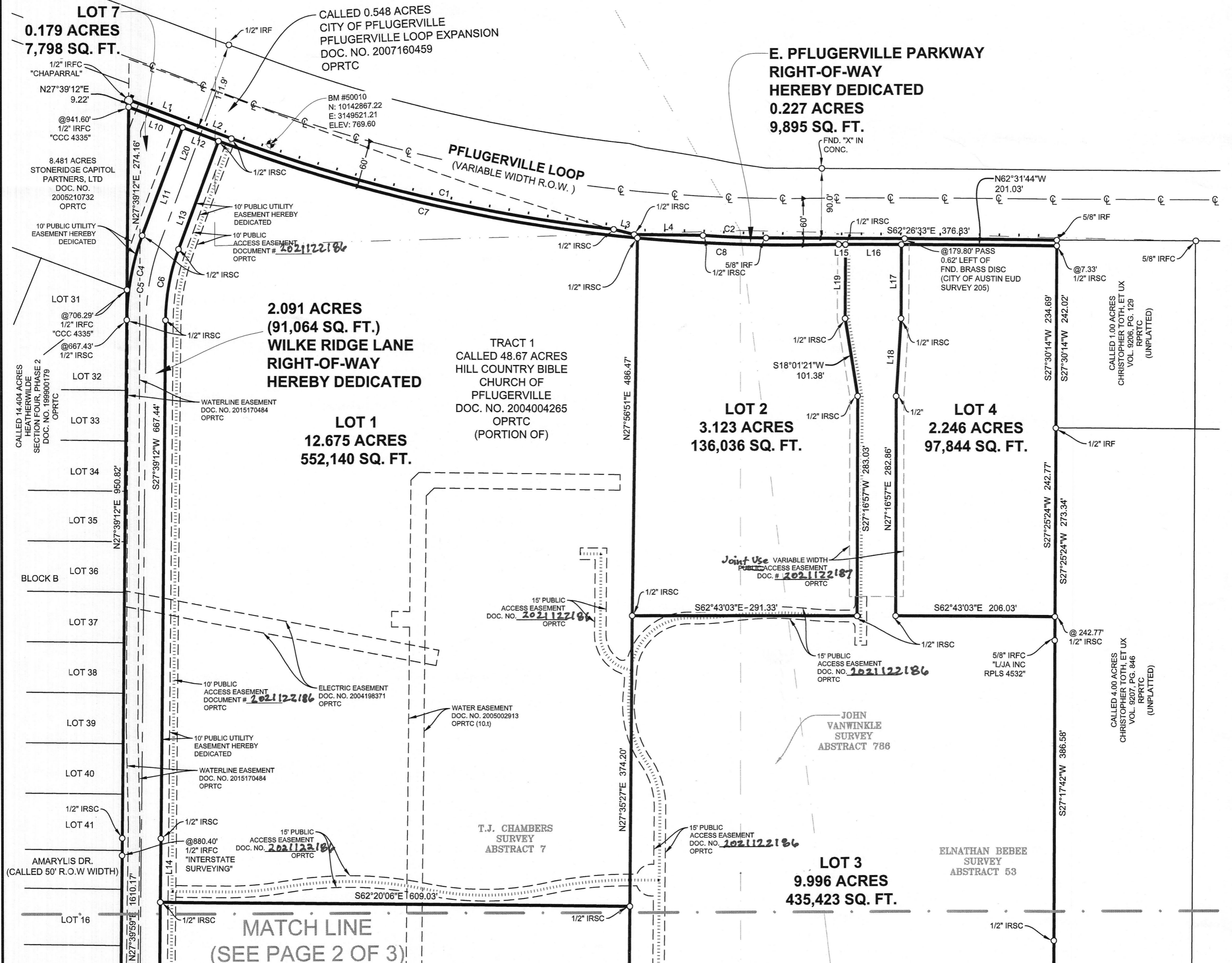
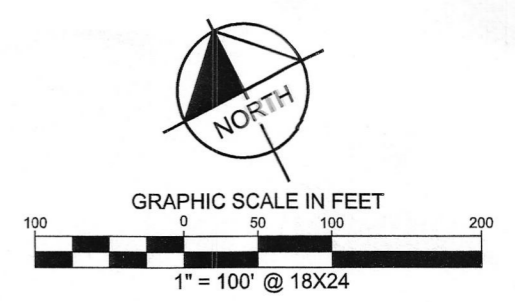
STATE OF TEXAS §
 §
COUNTY OF TRAVIS §

Before me on this day personally appeared _____,
_____ of Hill Country Bible Church Pflugerville, a Texas nonprofit corporation, known to
me to be the person whose name is subscribed to the foregoing instrument and acknowledged to
me that he/she has executed the same for the purposes and consideration therein expressed, on
behalf of said entity.

Given under my hand and seal of office this ____ day of _____, 2021.

Notary Public, State of Texas
My Commission Expires: _____

After recording return to:



NOTE:
ALL LOTS LOCATED IN THIS SUBDIVISION WILL BE MONUMENTED WITH A 1/2 INCH IRON ROD WITH A PLASTIC CAP STAMPED "KHA" PRIOR TO LOT SALES, UNLESS OTHERWISE STATED.

GEODETIC SURVEY NOTE:
THE BEARINGS SHOWN HEREON 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. THE UNIT OF LINEAR MEASUREMENT IS U.S. SURVEY FEET. ALL ELEVATIONS SHOWN HEREON ARE TIED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88) BASED ON GPS OBSERVATIONS.

LEGEND	
	BOUNDARY LINE
	SURVEY LINE
	PROP. LOT LINE
	EASEMENT LINE
	CENTER LINE
	SIDEWALK LINE
	10' VELOWAY CENTERLINE
	MATCH LINE
	BENCHMARK
	1/2" IRON ROD W/ "KHA" CAP SET
	IRON ROD FOUND WITH CAP
	POINT OF BEGINNING
	REAL PROPERTY RECORDS TRAVIS COUNTY
	DEED RECORDS TRAVIS COUNTY
	PLAT RECORDS TRAVIS COUNTY
	OFFICIAL PUBLIC RECORDS TRAVIS COUNTY

OWNER:
HILL COUNTRY BIBLE CHURCH OF PFLUGERVILLE
303 EAST PFLUGERVILLE PARKWAY
PFLUGERVILLE, TX 78660

ENGINEERED BY:
JUSTIN KRAMER, P.E.
KIMLEY-HORN & ASSOCIATES, INC.
10814 JOLLYVILLE ROAD
BUILDING IV, SUITE NO. 200
AUSTIN, TEXAS 78759
PH. (512) 418-1771
TBPE FIRM LICENSE NO. 928

SURVEYED BY:
ZACHARY KEITH PETRUS, R.P.L.S. 6769
KIMLEY-HORN & ASSOCIATES, INC.
10814 JOLLYVILLE ROAD
BUILDING IV, SUITE NO. 200
AUSTIN, TEXAS 78759
PH. (512) 418-1771
TBPELS FIRM LICENSE NO. 10194624

AREA: 48.126 ACRES
SURVEY: T.J. CHAMBERS SURVEY, ABSTRACT 7, JOHN VANWINKLE SURVEY, ABSTRACT 786, ELNATHAN BEBEE SURVEY, ABSTRACT 53 TRAVIS COUNTY, TEXAS

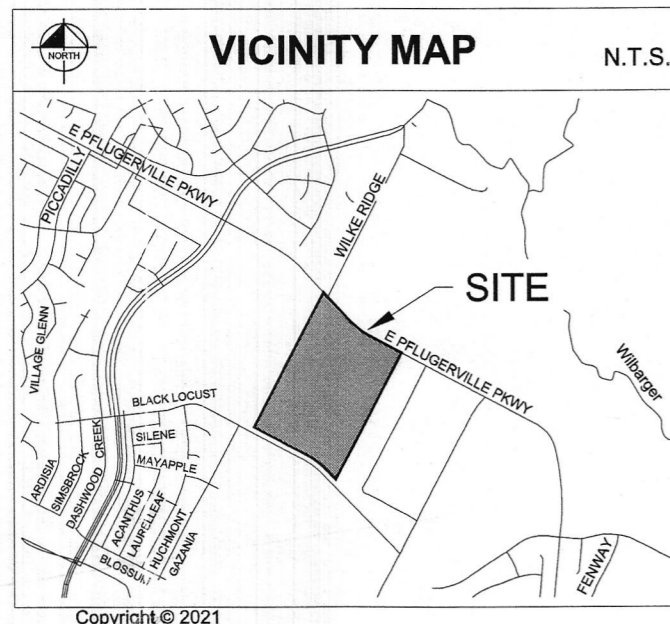
NO. OF LOTS: 7
DATE: February 8, 2021

ROAD TABLE	
WILKE RIDGE LANE (PROPOSED R.O.W.)	
ROAD DEDICATION	= 2.091 ACRES
ROAD WIDTH	= 50 FEET
ROAD LENGTH	= 1821.24 FEET

ACREAGE TABLE	
LOT 1 -	= 12.675 ACRES
LOT 2 -	= 3.123 ACRES
LOT 3 -	= 9.996 ACRES
LOT 4 -	= 2.246 ACRES
LOT 5 -	= 12.343 ACRES
LOT 6 -	= 5.246 ACRES
LOT 7 -	= 0.179 ACRES
WILKE RIDGE LANE (ROAD DEDICATION)	= 2.091 ACRES
E PFLUGERVILLE PKWY (RIGHT OF WAY DEDICATION)	= 0.227 ACRES
TOTAL ACREAGE	= 48.126 ACRES

BENCH MARK LIST	
TBM #50010	PK NAIL SET ON INLET LOCATED ON THE SOUTHERLY LINE OF PFLUGERVILLE LOOP, AND 100' FROM THE INTERSECTION OF PFLUGERVILLE LOOP AND WILKE RIDGE LANE. ELEVATION = 769.60 FEET AS SHOWN ON PLAT. (N:10142867.22, E:3149521.21)
TBM #50013	PK NAIL SET ON INLET LOCATED ON THE NORTHERLY LINE OF BLACK LOCUST DRIVE, AND 1.010' FROM THE INTERSECTION OF BLACK LOCUST DRIVE AND WILKE RIDGE LANE. ELEVATION = 743.30 FEET, AS SHOWN ON PLAT. (N:10140830.16, E:3149414.30)

LEGEND	
DRTC	DEED RECORDS, TEXAS
OPRTC	OFFICIAL PUBLIC RECORDS TRAVIS COUNTY, TEXAS
PRTC	PLAT RECORDS TRAVIS COUNTY, TEXAS
R.O.W.	RIGHT OF WAY
IRSC	1/2" IRON ROD W/ "KHA" CAP SET
IRFC	IRON ROD FOUND WITH CAP
IRF	IRON ROD FOUND
IPF	IRON PIPE FOUND
PKF	PK NAIL FOUND
	BENCHMARKS
	CALCULATED POINT
	CORNER MONUMENT
	POINT USED TO SHOW GEOMETRIC BREAK



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

Kimley»Horn

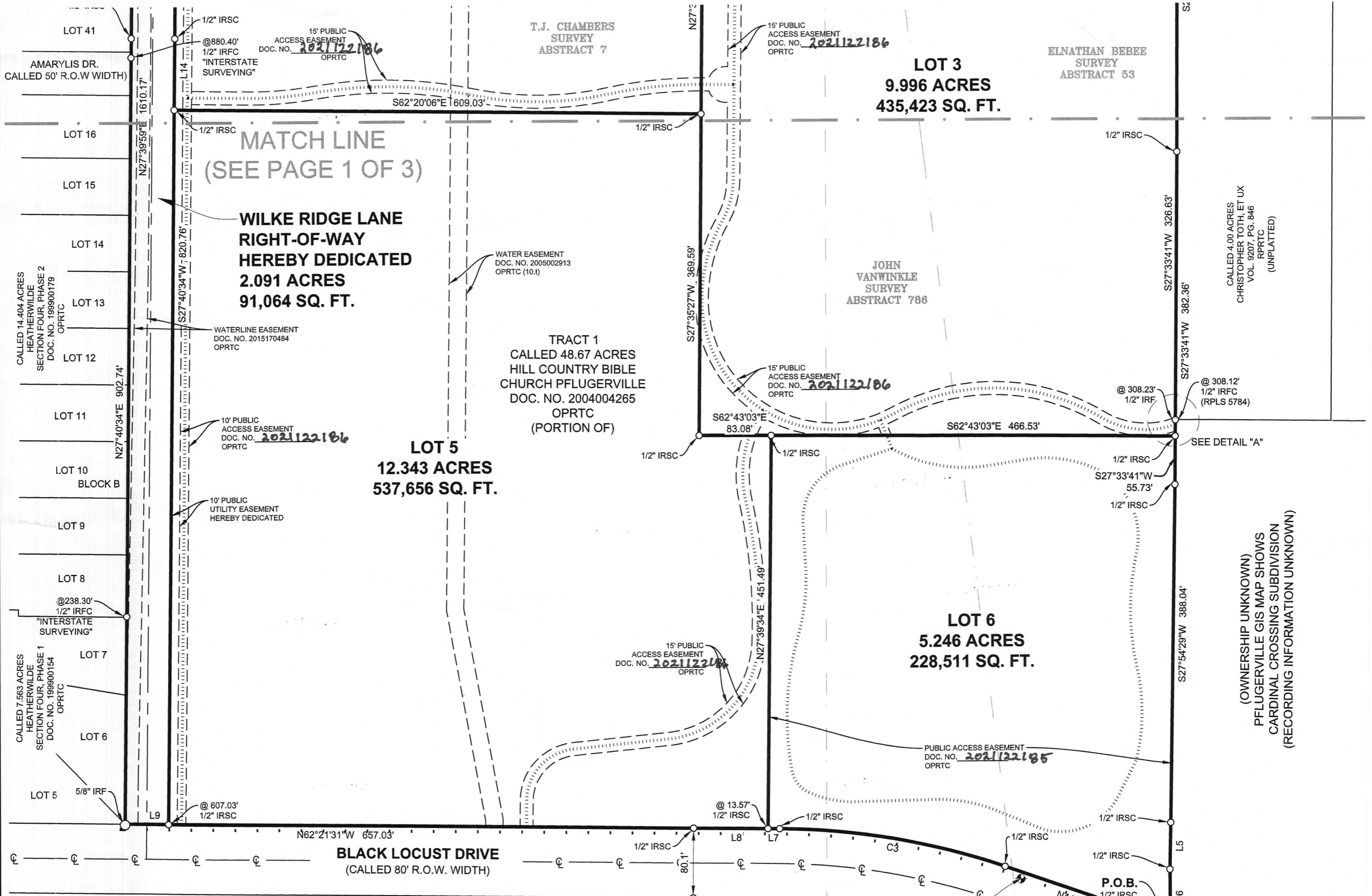
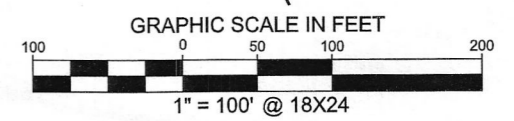
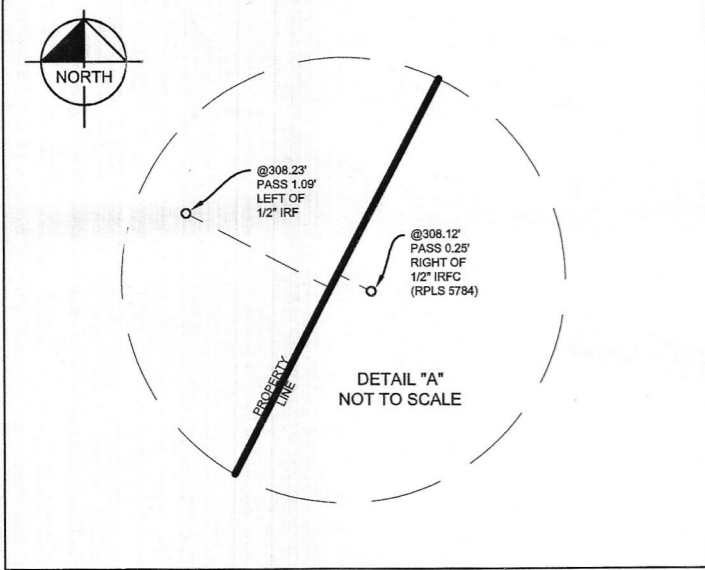
10814 Jollyville Road, Campus IV, Suite 200, Austin, Texas 78759 Tel. No. (512) 418-1771
FIRM # 10194624 www.kimley-horn.com

Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 100'	PTF	ZKP	2/8/2021	068213097	1 OF 3

DWG NAME: KHAUS_SURVEY_AUSTIN_SURVEY_PROJECTS\068213097 - SOLEA_PFLUGERVILLE\DWG\PLAT-R1-FROM_CIVIL\DWG_PLOTTED BY: MCLAUGHLIN, MICHAEL 2/8/2021 11:29 AM LAST SAVED: 2/8/2021 8:32 AM

101100131

DETAIL "A"
(NOT TO SCALE)



NOTE:
ALL LOTS LOCATED IN THIS SUBDIVISION WILL BE MONUMENTED WITH A 1/2 INCH IRON ROD WITH A PLASTIC CAP STAMPED "KHA" PRIOR TO LOT SALES, UNLESS OTHERWISE STATED.

GEODETIC SURVEY NOTE:
THE BEARINGS SHOWN HEREON 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. THE UNIT OF LINEAR MEASUREMENT IS U.S. SURVEY FEET. ALL ELEVATIONS SHOWN HEREON ARE TIED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88) BASED ON GPS OBSERVATIONS.

OWNER:
HILL COUNTRY BIBLE CHURCH OF PFLUGERVILLE
303 EAST PFLUGERVILLE PARKWAY
PFLUGERVILLE, TX 78660

ENGINEERED BY:
JUSTIN KRAMER, P.E.
KIMLEY-HORN & ASSOCIATES, INC.
10814 JOLLYVILLE ROAD
BUILDING IV, SUITE NO. 200
AUSTIN, TEXAS 78759
PH. (512) 418-1771
TBPE FIRM LICENSE NO. 928

SURVEYED BY:
ZACHARY KEITH PETRUS, R.P.L.S. 6769
KIMLEY-HORN & ASSOCIATES, INC.
10814 JOLLYVILLE ROAD
BUILDING IV, SUITE NO. 200
AUSTIN, TEXAS 78759
PH. (512) 418-1771
TBPELS FIRM LICENSE NO. 10194624

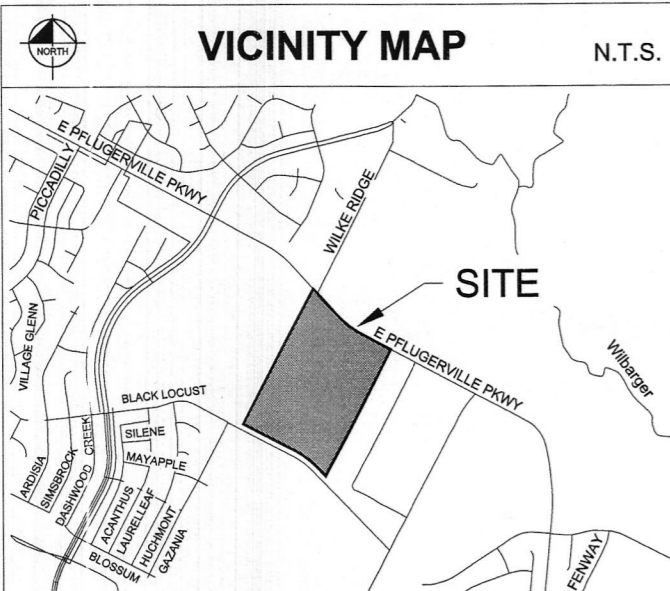
ROAD TABLE	
WILKE RIDGE LANE (PROPOSED R.O.W.)	
ROAD DEDICATION	= 2.091 ACRES
ROAD WIDTH	= 50 FEET
ROAD LENGTH	= 1821.24 FEET

ACREAGE TABLE	
LOT 1 -	= 12.675 ACRES
LOT 2 -	= 3.123 ACRES
LOT 3 -	= 9.996 ACRES
LOT 4 -	= 2.246 ACRES
LOT 5 -	= 12.343 ACRES
LOT 6 -	= 5.246 ACRES
LOT 7 -	= 0.179 ACRES
WILKE RIDGE LANE (ROAD DEDICATION)	= 2.091 ACRES
E PFLUGERVILLE PKWY (RIGHT OF WAY DEDICATION)	= 0.227 ACRES
TOTAL ACREAGE	= 48.126 ACRES

BENCH MARK LIST	
TBM #50010	PK NAIL SET ON INLET LOCATED ON THE SOUTHERLY LINE OF PFLUGERVILLE LOOP, AND 100' FROM THE INTERSECTION OF PFLUGERVILLE LOOP AND WILKE RIDGE LANE. ELEVATION = 769.60 FEET AS SHOWN ON PLAT. (N:10142867.22, E:3149521.21)
TBM #50013	PK NAIL SET ON INLET LOCATED ON THE NORTHERLY LINE OF BLACK LOCUST DRIVE, AND 1,010' FROM THE INTERSECTION OF BLACK LOCUST DRIVE AND WILKE RIDGE LANE. ELEVATION = 743.30 FEET, AS SHOWN ON PLAT (N:10140830.16, E:3149414.30)

AREA: 48.126 ACRES
SURVEY: T.J. CHAMBERS SURVEY, ABSTRACT 7, JOHN VANWINKLE SURVEY, ABSTRACT 786, ELNATHAN BEBEE SURVEY, ABSTRACT 53 TRAVIS COUNTY, TEXAS
NO. OF LOTS: 7
DATE: February 8, 2021

LEGEND	
	BOUNDARY LINE
	SURVEY LINE
	PROP. LOT LINE
	EASEMENT LINE
	CENTER LINE
	SIDEWALK LINE
	10' VELOWAY CENTERLINE
	MATCH LINE
	BENCHMARK
	IRSC 1/2" IRON ROD W/ "KHA" CAP SET
	IRFC IRON ROD WITH CAP FOUND
	P.O.B. POINT OF BEGINNING
	RPRTC REAL PROPERTY RECORDS TRAVIS COUNTY
	DRTC DEED RECORDS TRAVIS COUNTY
	PRTC PLAT RECORDS TRAVIS COUNTY
	OPRTC OFFICIAL PUBLIC RECORDS TRAVIS COUNTY



Copyright © 2021
Kimley-Horn and Associates, Inc.
All rights reserved

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

Kimley»Horn

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

Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 100'	PTF	ZKP	2/8/2021	068213097	2 OF 3

DWG NAME: K:\AUSTIN SURVEY\AUSTIN SURVEY PROJECTS\068213097 - SOLEA PFLUGERVILLE\DWG\PLAT\PLAT-R1-FROM CIVILDWG PLOTTED BY MICHAEL 2/8/2021 11:30 AM LAST SAVED 2/8/2021 8:32 AM

WILKE RIDGE LANE ROADWAY EXTENSION FOR CITY OF PFLUGERVILLE

VARIANCES:

N/A

ASSOCIATED STUDIES:

TRAFFIC IMPACT ANALYSIS BY SANTIAGO ARAQUE, P.E. - DATED FEBRUARY 5, 2021
 PRELIMINARY PLAN BY JUSTIN KRAMER, P.E. - DATED FEBRUARY 1, 2021
 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:

- 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.
- 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".
- 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 A615-60.
- WHERE P'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.
- 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.
- 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.
- 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.
- ALL STORM SEWER SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED.
- PROJECTS USING LIME STABILIZATION SHALL BE REQUIRED TO PLACE LIME IN SLURRY FORM.
- 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 SPECIFICATION SD1.08(E)(2))
- MOLDING SPECIMEN (SET OF 3) (CITY OF PFLUGERVILLE SPECIFICATION SD1.08(E)(2))
- CORES FOR DENSITY (CITY OF PFLUGERVILLE SPECIFICATION SD1.08(E)(2))

CONCRETE TESTING

- CONCRETE CYLINDERS (ASTM C31, C39)

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

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

ENGINEER/SURVEYOR:

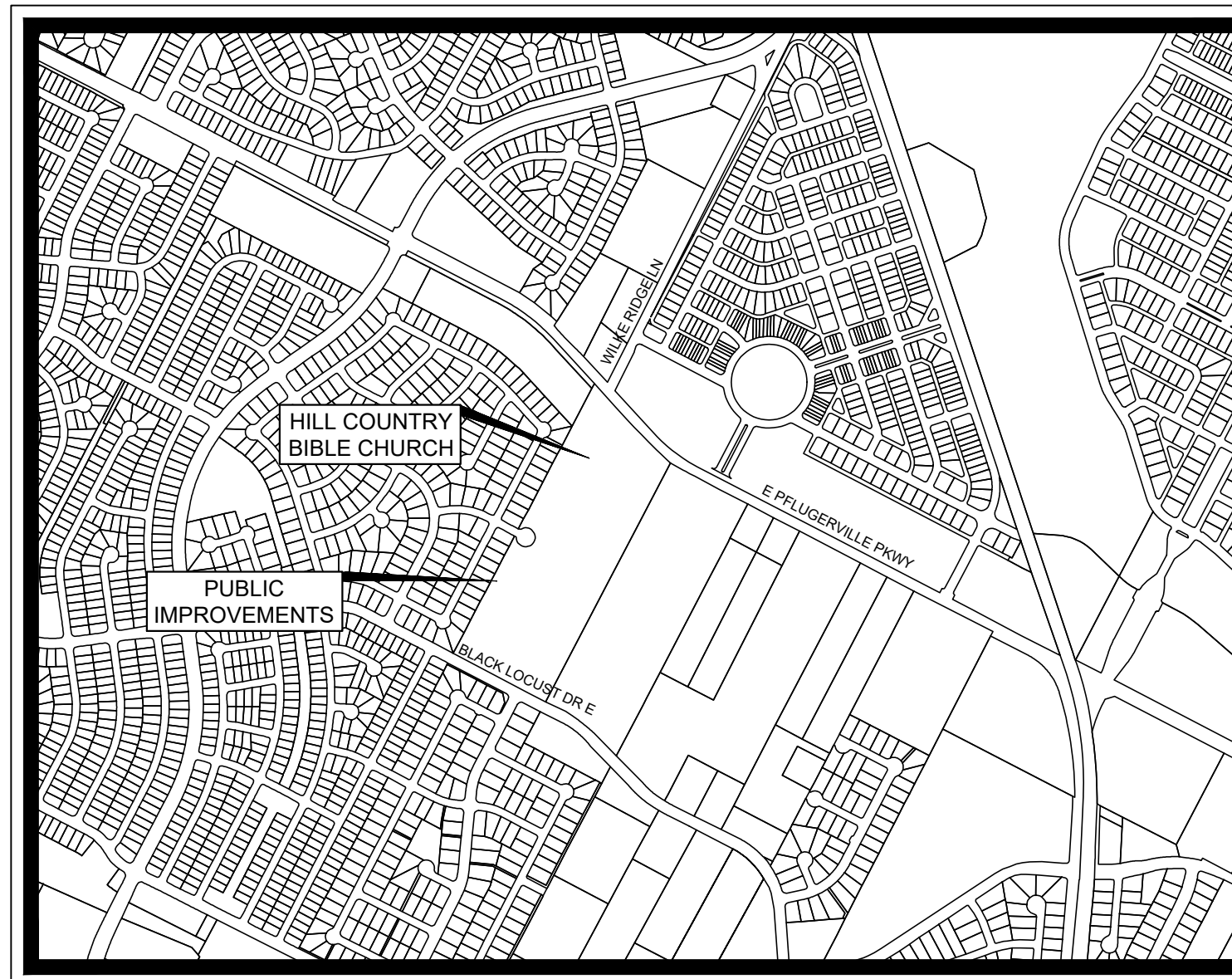


10814 JOLLYVILLE ROAD, AVALON IV, SUITE 200
 AUSTIN, TEXAS 78759
 CERTIFICATE OF REGISTRATION #928
 CONTACT: JUSTIN J. KRAMER, P.E.
 Tel. No. (512) 418-1771
 Fax No. (512) 418-1791

ELECTRIC PROVIDER:
 SPARROW PARTNERS
 350 TEXAS AVENUE
 ROUND ROCK, TEXAS 78664
 CONTACT: JIM KRUMNOW

GAS PROVIDER:
 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'

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

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.

NOTE:
 THE BEARINGS SHOWN HEREIN ARE BASED ON THE TEXAS STATE COORDINATE SYSTEM GRID, CENTRAL ZONE (FIPS 4203) (NAD83), 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.

BENCHMARKS
 BM #50010
 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.
 N: 10142867.2180'
 E: 3149521.2090'
 ELEV. 769.60'
 BM #50013
 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.
 N: 10140330.1840'
 E: 3149414.3060'
 ELEV. 743.31'

NOTES:

- THIS PLAN LIES WITHIN THE CITY OF PFLUGERVILLE FULL PURPOSE JURISDICTION.
- 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 CHURCH SERVES AS IRRIGATION SUPPLY FOR THE SOCCER FIELDS AND SHALL REMAIN.
- 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.
- 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 WATER AND WASTEWATER WILL BE ASSESSED AT THE TIME OF FINAL PLAT.
- 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.
- 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.
- 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.
- 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.



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

Plotted By: A/Vis, Joel Date: July 02, 2021 04:43:19pm File Path: K:\AUS_Civil\068213098-Sparrow_Pflugerville\Cad\Roadway_Plans\PlanSheets\C-Cover_Sheet.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

10814 JOLLYVILLE ROAD AVALON IV SUITE 200 AUSTIN, TX 78759
 PHONE: 512-418-1771 FAX: 512-418-1791
 WWW.KIMLEY-HORN.COM
 © 2021 KIMLEY-HORN AND ASSOCIATES, INC.
 TBP Firm No. 928

No.	REVISIONS	DATE	BY

07/02/2021

KHA PROJECT	DATE	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
068213098	JULY 2021	AS SHOWN	JMA	JMA	JJK

COVER SHEET

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

SHEET NUMBER

1

KH GENERAL NOTES

- GENERAL:
7. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE PLANS, CITY (OR TOWN) STANDARD DETAILS AND SPECIFICATIONS...
8. THE CONTRACTOR SHALL COMPLY WITH CITY (OR TOWN) GENERAL NOTES FOR CONSTRUCTION...
9. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS...
10. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION...

EROSION CONTROL:

- 1. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL EROSION CONTROL AND WATER QUALITY REQUIREMENTS...
2. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF LAND DISTURBANCE...
3. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS...
4. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION...

- 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...
16. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS FROM THE AFFECTED OFF-SITE ROADWAYS...
17. WHEN FINISHED, THE CONTRACTOR SHALL PROVIDE A SEDIIMENTATION BASIN FOR THESE AREAS...
18. THE CONTRACTOR SHALL INSTALL A TEMPORARY SEDIMENT BASIN FOR ANY ON-SITE DRAINAGE AREAS...
19. ALL FINES FINISHED FOR SEDIMENT OR DIRT DISCHARGED FROM THE SITE SHALL BE PAID BY THE RESPONSIBLE CONTRACTOR...

STORM WATER DISCHARGE AUTHORIZATION:

- 1. CONTRACTOR SHALL COMPLY WITH ALL TCEQ AND EPA STORM WATER POLLUTION PREVENTION REQUIREMENTS...
2. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE TCEQ GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM TXR 150000...
3. THE CONTRACTOR SHALL ENSURE THAT ALL PRIMARY OPERATORS SUBMIT A NOI TO TCEQ AT LEAST SEVEN DAYS PRIOR TO COMMENCING CONSTRUCTION...
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF APPLICABLE...

DEMOLITION:

- 1. KH IS NOT RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR TO IMPLEMENT THIS DEMOLITION PLAN...
2. KH DOES NOT WARRANT OR REPRESENT THAT THE PLAN, WHICH WAS PREPARED BASED ON SURVEY AND UTILITY INFORMATION PROVIDED BY OTHERS...
3. THIS PLAN NOTHING MORE, SHALL BE THE GUIDE TO THE DEMOLITION IS TO LEAVE THE SITE IN A STATE SUITABLE FOR THE CONSTRUCTION OF THE PROPOSED DEVELOPMENT...
4. THE CONTRACTOR IS STRONGLY CAUTIONED TO REVIEW THE FOLLOWING REPORTS DESCRIBING SITE CONDITIONS PRIOR TO BIDDING AND IMPLEMENTING THE DEMOLITION PLAN...

GRADING:

- 1. THE CONTRACTOR AND GRADING SUBCONTRACTOR SHALL VERIFY THE SUITABILITY OF EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE START OF CONSTRUCTION...
2. UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREA REFLECT TOP OF PAVEMENT SURFACE...
3. UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN UNPAVED AREA REFLECT TOP OF CURB ELEVATION...
4. PROPOSED SPOT ELEVATIONS AND CONTOURS OUTSIDE THE PAVEMENT ARE TO TOP OF FINISHED GRADE...
5. ALL FINISHED GRADES SHALL TRANSITION UNIFORMLY BETWEEN THE FINISHED ELEVATIONS SHOWN...

WATER AND WASTEWATER:

- 1. ALL WATER AND WASTEWATER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS...
2. THE CONTRACTOR SHALL FIELD VERIFY THE SITE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING WATER AND WASTEWATER FACILITIES...
3. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITY SERVICES ENTERING THE BUILDING...
4. ALL PRIVATE WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING CODE...
5. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION...
6. ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED...
7. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF GRADING...

RETAINING WALLS:

- 1. 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...
2. RETAINING WALL TYPE OR SYSTEM SHALL BE SELECTED BY THE OWNER...
3. RETAINING WALLS SHALL BE CONSTRUCTED IN THE WALL ZONE OR LOCATION SHOWN ON THESE PLANS...
4. FOUNDATIONS, UTILITIES, PROPERTY LINES AND OTHER CONSTRUCTIBILITY NOTES...
5. RETAINING WALL ENGINEER SHALL CONSULT THESE PLANS AND THE GEOTECHNICAL REPORT FOR POTENTIAL CONFLICTS.

PAVING:

- 1. ALL PAVING MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS, THE CITY STANDARD DETAILS AND SPECIFICATIONS...
2. ALL PRIVATE ON-SITE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT...
3. ALL FIRELANE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH CITY STANDARDS AND DETAILS...
4. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.

- GEOTECHNICAL REPORT, THEN THE MORE RESTRICTIVE SHALL BE FOLLOWED...
CONTRACTOR IS RESPONSIBLE FOR ALL PAVING AND PAVING SUBGRADE TESTING AND CERTIFICATION...
IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE PAVING AND PAVING SUBGRADE, THAT THE WORK CONFORMS TO THE 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...
CONTRACTOR SHALL MAINTAIN CONSTRUCTION TO MATCH EXISTING PAVEMENT WITH A SMOOTH, FLUSH CONNECTION...
CONTRACTOR SHALL PROVIDE CLEAN-OUTS FOR PRIVATE SANITARY SEWER LINES AT CHANGES IN DIRECTION AND 100-FOOT INTERVALS...
ALL JOINTS SHALL EXTEND THROUGH THE CURB...
THE MINIMUM LENGTH OF OFFSET JOINTS AT RADIUS POINTS SHALL BE 2 FEET...
CONTRACTOR SHALL SUBMIT A JOINTING PLAN TO THE ENGINEER AND OWNER PRIOR TO BEGINNING ANY OF THE PAVING WORK...

STORM DRAINAGE:

- 1. ALL STORM SEWER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS...
2. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE STORM SEWER...
3. THE CONTRACTOR SHALL FIELD VERIFY THE SITE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING STORM SEWER FACILITIES...
4. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF CURB INLETS AND GATE INLETS...
5. FLOW LINE, TOP-OF-CURB, RIM, THROAT, AND GATE ELEVATIONS OF PROPOSED INLETS SHALL BE VERIFIED WITH THE GRADING PLAN AND FIELD CONDITIONS PRIOR TO CONSTRUCTION...
6. ALL PUBLIC STORM SEWER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO CITY PUBLIC WORKS STANDARD DETAILS AND SPECIFICATIONS...
7. BEFORE PLACING PAVERS CONTRACTOR SHALL VERIFY THE WATER TABLE OCCURRENCE AND PROTECTIVE MEASURES PER ADA, TAS, AND FPAH EXIST TO AND FROM EVERY DOOR AND ALONG SIDEWALKS, ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND ACCESSIBLE ROUTES...
8. WHERE COVER EXCEEDS 20-FEET OR IS LESS THAN 2-FEET, CLASS IV RCP SHALL BE USED...
9. BEFORE PLACING PAVEMENT CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL STORM SEWER LINES...
10. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL STORM SEWER LINES...
11. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL STORM SEWER LINES...
12. EMBEDEDMENT FOR ALL STORM SEWER LINES, PUBLIC OR PRIVATE, SHALL BE PER CITY STANDARD DETAILS...
13. ALL WYE CONNECTIONS AND PIPE BENDS ARE TO BE PREFABRICATED AND INSTALLED PER MANUFACTURERS SPECIFICATIONS...
14. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN...
15. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.

POND NOTES:

- 1. ANY PONDS THAT ARE INTENDED TO HOLD WATER INDEFINITELY SHALL BE CONSTRUCTED WATERTIGHT...
2. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY, THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR POND LINER SPECIFICATIONS...
3. 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...
4. NO REPAIRS TO POND LINER SHALL BE PERMITTED ON A POND INTENDED TO HOLD WATER INDEFINITELY...
5. ANY GRAVEL OR OTHER PERVIOUS EMBEDMENT AROUND PIPES OR OUTFALL STRUCTURES NEAR THE POND SHALL BE ELIMINATED...
6. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY, THE POND WATER LEVEL SHALL ALSO BE MAINTAINED BY THE CONTRACTOR...
7. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY, THE POND WATER LEVEL SHALL ALSO BE MAINTAINED BY THE CONTRACTOR...
8. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY, THE POND WATER LEVEL SHALL ALSO BE MAINTAINED BY THE CONTRACTOR...

WATER AND WASTEWATER:

- 1. ALL WATER AND WASTEWATER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS...
2. THE CONTRACTOR SHALL FIELD VERIFY THE SITE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING WATER AND WASTEWATER FACILITIES...
3. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITY SERVICES ENTERING THE BUILDING...
4. ALL PRIVATE WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING CODE...
5. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION...
6. ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED...
7. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF GRADING...
8. BEFORE PLACING PAVEMENT CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL STORM SEWER LINES...
9. BEFORE PLACING PAVEMENT CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL STORM SEWER LINES...
10. BEFORE PLACING PAVEMENT CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL STORM SEWER LINES...
11. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL STORM SEWER LINES...
12. EMBEDEDMENT FOR ALL STORM SEWER LINES, PUBLIC OR PRIVATE, SHALL BE PER CITY STANDARD DETAILS...
13. ALL WYE CONNECTIONS AND PIPE BENDS ARE TO BE PREFABRICATED AND INSTALLED PER MANUFACTURERS SPECIFICATIONS...
14. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN...
15. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.

ABBREVIATIONS AND DEFINITIONS:

Table with 2 columns: Abbreviation and Definition. Includes entries for ADA (Americans with Disabilities Act), AWA (American Water Works Association), BC (Back to Back), BC/B (Back of Curb), BC/R (Begin Curb Return), B/M (Best Management Practice), B/C (Back of Curb), B/V (Begin Vertical Curve Station), BW (Bottom of Wall), CFS (Cubic Feet Per Second), C/T (City, Town, or Other Applicable Local Government Jurisdiction), CL (Centerline), CLC (Centerline Concrete), CY (Cubic Yard), DEMO (Demolition), DG (Decomposed Granite), DL (Detail), EA (Each), END CURVE (End of Curve), ENR (End Curb Return), EG (Existing Ground), EL (Elevation), ELEC (Electrical/Electricity), ELEV (Elevation), EP (EPA Environmental Protection Agency), ESMT (Easement), EVMT (End Vertical Curve Elevation), EVCS (End Vertical Curve Station), EX (Existing), F/F (Face to Face), F/G (Finish Ground), FH (Fire Hydrant), FL (Flow Line), FC (Face of Curb), FT (Feet), HGR (Hydraulic Grade Line), HMA (Hot Mix Asphalt and Associates, Inc.), KHA (Kimley-Horn and Associates, Inc.), LAT (Lateral), LNF (Linear Feet), LF (Left), MAX (Maximum), MCH (Match Existing Elevation), MH (Manhole), MN (Minute/Minimum), NO (Number), NOI (Notice of Intention, Ref: TCEQ General Permit), NOT (Notice of Termination, Ref: TCEQ General Permit), NOT TO SCALE (Not to Scale), OC (On Center), OFF (Offset), OSHA (Occupational Safety and Health Administration), PC (Point of Curvature), PCC (Portland Cement Concrete / Point of Compound Curvature), PG (Proposed Grade Line), PI (Point of Inflection), PROP (Proposed), PRC (Point of Reverse Curvature), PSI (Pounds Per Square Inch), PVI (Point of Tangency), PVT (Polyvinyl Chloride), PVI (Point of Vertical Inflection), PVMT (Pavement Reinforced Concrete Pipe), RCP (Right of Way), RIG (Right), R/SF (Square Feet), SS (Sanitary Sewer), SSMH (Sanitary Sewer Manhole), STA (Station), STD (Standard), SQ (Square Yard), TAS (Architectural Barriers Texas Accessibility Standards), TC (Top of Curb), TCEQ (Texas Commission of Environmental Quality), TEMP (Temporary), TXDOT (Texas Department of Transportation), TXMUTCD (Texas Manual of Uniform Traffic Control Devices), TW (Top of Wall), TY (Typical), VC (Vertical Curve), WR (Water), WW (Wastewater).

Kimley-Horn logo and contact information: 10814 JOLLIVILLE ROAD, AVALON, TX 75728, PHONE: 512-418-1771, FAX: 512-418-1791, WWW.KIMLEY-HORN.COM, 2021 KIMLEY-HORN AND ASSOCIATES, INC., TYPE Firm No. 928.

Kimley-Horn logo and project information: Project: 07/02/2021, Designer: JMA, Date: JULY 2021, Drawn by: JMA, Checked by: JJK.

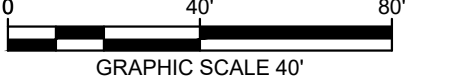
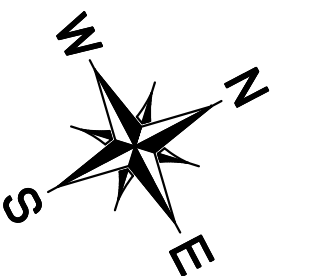
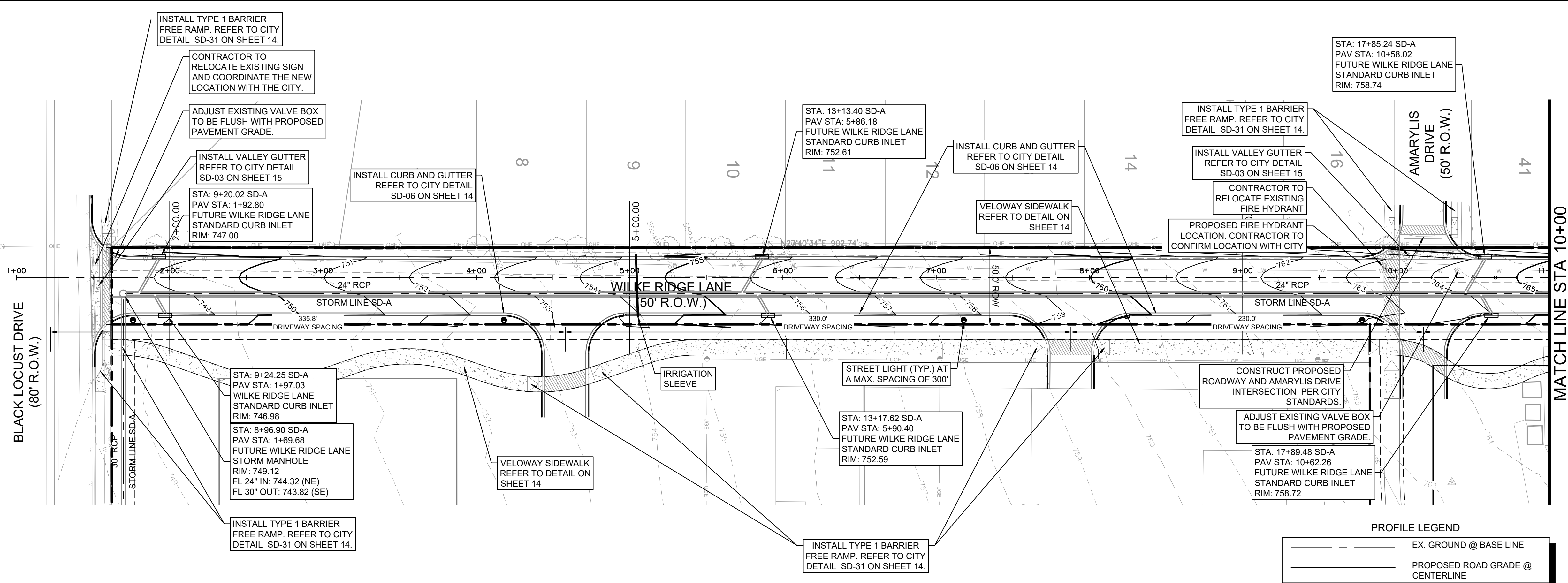
Scale information: SCALE: AS SHOWN.

Project information: KHA PROJECT 068213098, 07/02/2021.

KIMLEY-HORN GENERAL NOTES

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

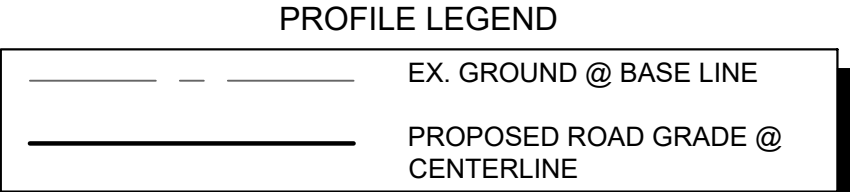
Plotted By: A/Vis, Joel Date: July 02, 2021 12:55:01pm File Path: K:_aus_civil\068213098-sparrow_pflugerville\Cad\roadway_plans\plansheets\0--Paving_P&P.dwg



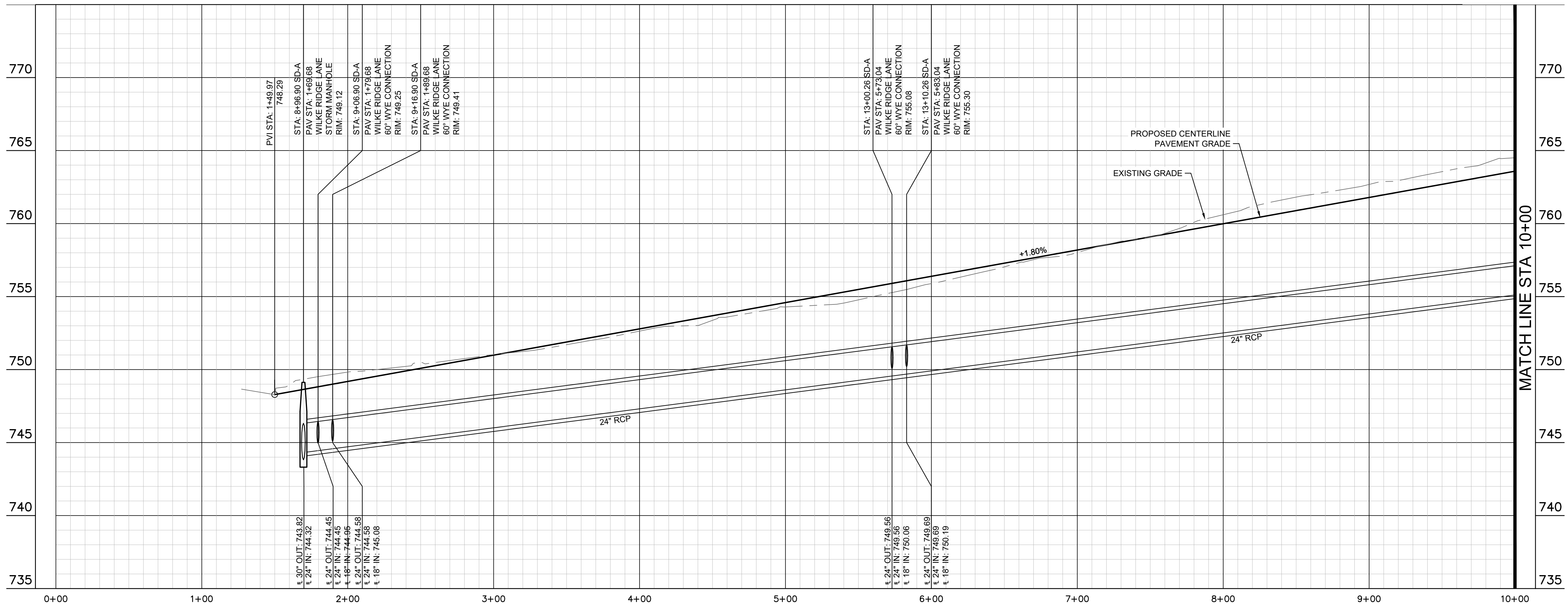
NOTES:

1. A GEOTECH ASSESSMENT SHALL BE COMPLETED PRIOR TO 100% PUBLIC ROADWAY PLAN APPROVAL. THE RESULTS OF THAT ASSESSMENT WILL DETERMINE THE FINAL PAVEMENT DESIGN.
2. THE LOCATION OF ALL ROADWAY FEATURES INCLUDING BUT NOT LIMITED TO DRIVEWAYS, RAMPS, STREET LIGHTS, AND IRRIGATION SLEEVES, SHALL BE DETERMINED BY THE DESIGN ENGINEER OF THE FINAL WILKE RIDGE LANE EXTENSION CONSTRUCTION PLANS.

WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.



WILKE RIDGE LANE



REVISIONS	DATE	BY

Kimley >>> **Horn**

10814 JOLLYVILLE ROAD, AVALON IV, SUITE 200 AUSTIN, TX 78758
 PHONE: 512-418-1771 FAX: 512-418-1791
 WWW.KIMLEY-HORN.COM
 © 2021 KIMLEY-HORN AND ASSOCIATES, INC.
 TBPE Firm No. 928

Kimley >>> **Horn**

FOR REVIEW ONLY
 Not for construction or permit purposes.
 Engineer: JUSTIN J. KRAMER
 P.E. No. 122309 Date: 7/2/21

KHA PROJECT	068213098
DATE	JULY 2021
SCALE	AS SHOWN
DESIGNED BY	JMA
DRAWN BY	JMA
CHECKED BY	JJK

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

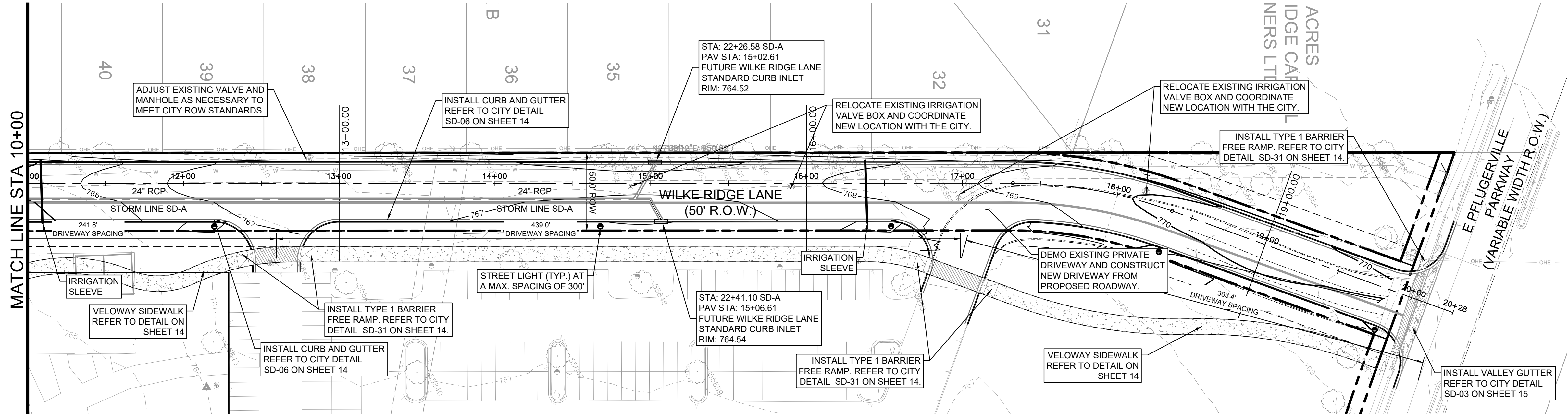
**PAVING PLAN
AND PROFILE
(SHEET 1 OF 2)**

SHEET NUMBER
4



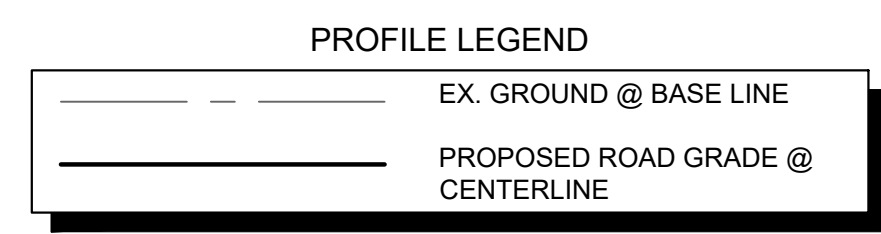
Know what's below.
Call before you dig.

Plotted By: Alvis, Joel Date: July 02, 2021 12:55:06pm File Path: K:\aus_civil\068213098--sparrow_pflugerville\Cad\roadway_plans\plansheets\C-Paving_P&P.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



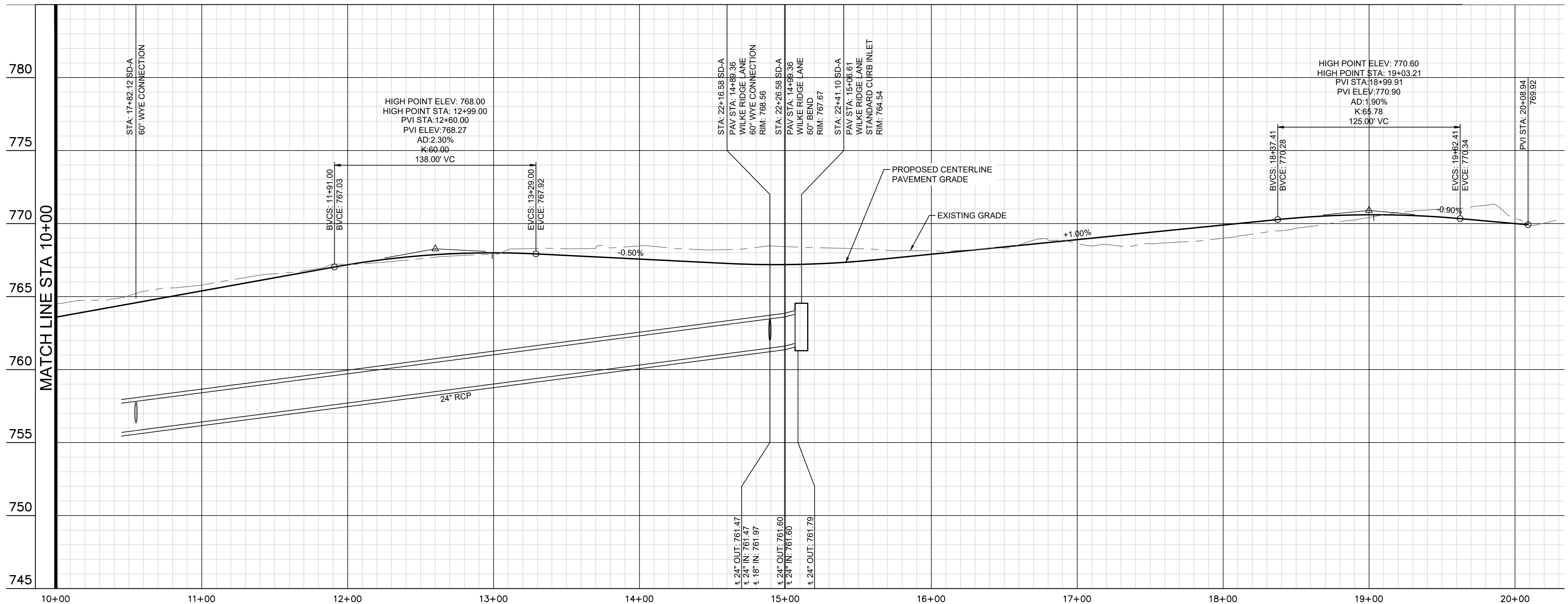
NOTES:

1. A GEOTECH ASSESSMENT SHALL BE COMPLETED PRIOR TO 100% PUBLIC ROADWAY PLAN APPROVAL. THE RESULTS OF THAT ASSESSMENT WILL DETERMINE THE FINAL PAVEMENT DESIGN.
2. THE LOCATION OF ALL ROADWAY FEATURES INCLUDING BUT NOT LIMITED TO DRIVEWAYS, RAMPS, STREET LIGHTS, AND IRRIGATION SLEEVES, SHALL BE DETERMINED BY THE DESIGN ENGINEER OF THE FINAL WILKE RIDGE LANE EXTENSION CONSTRUCTION PLANS.



WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

WILKE RIDGE LANE



PROFILE SCALE
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL



NO.	REVISIONS	DATE	BY

Kimley-Horn
 10814 JOLLYVILLE ROAD, AVALON IV, SUITE 200, AUSTIN, TX 78758
 PHONE: 512-418-1771 FAX: 512-418-1791
 WWW.KIMLEY-HORN.COM
 © 2021 KIMLEY-HORN AND ASSOCIATES, INC.
 TPE Firm No. 928

FOR REVIEW ONLY
 Not for construction or permit purposes.
Kimley-Horn
 Engineer: JUSTIN J. KRAMER
 P.E. No. 122309 Date: 7/2/21

07/02/2021

KHA PROJECT	068213098
DATE	JULY 2021
SCALE:	AS SHOWN
DESIGNED BY:	JMA
DRAWN BY:	JMA
CHECKED BY:	JJK

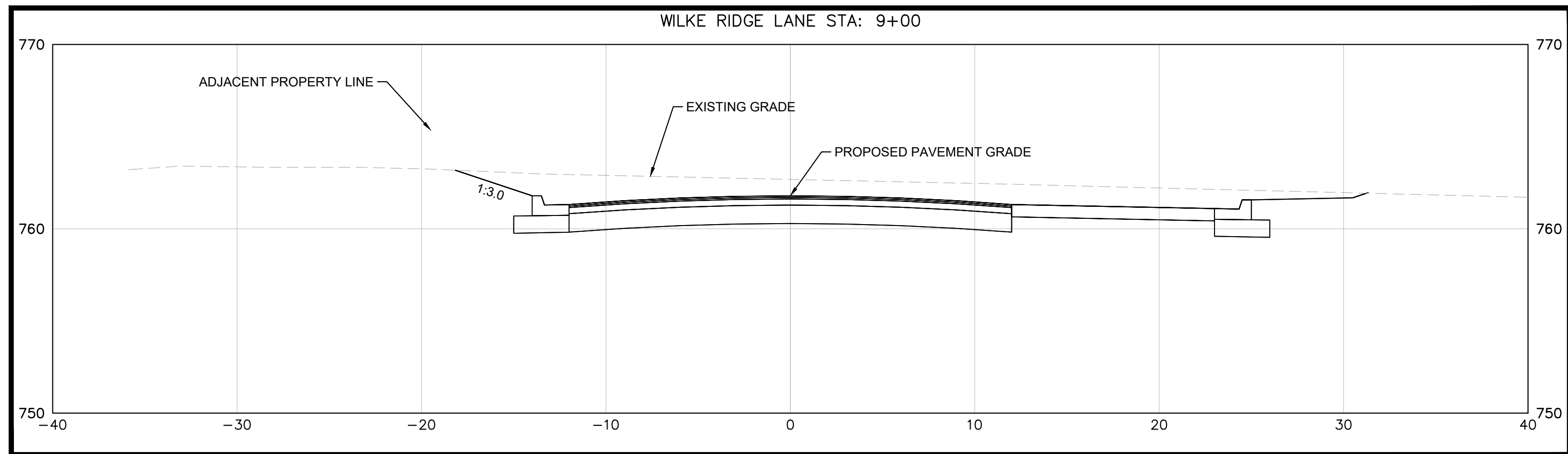
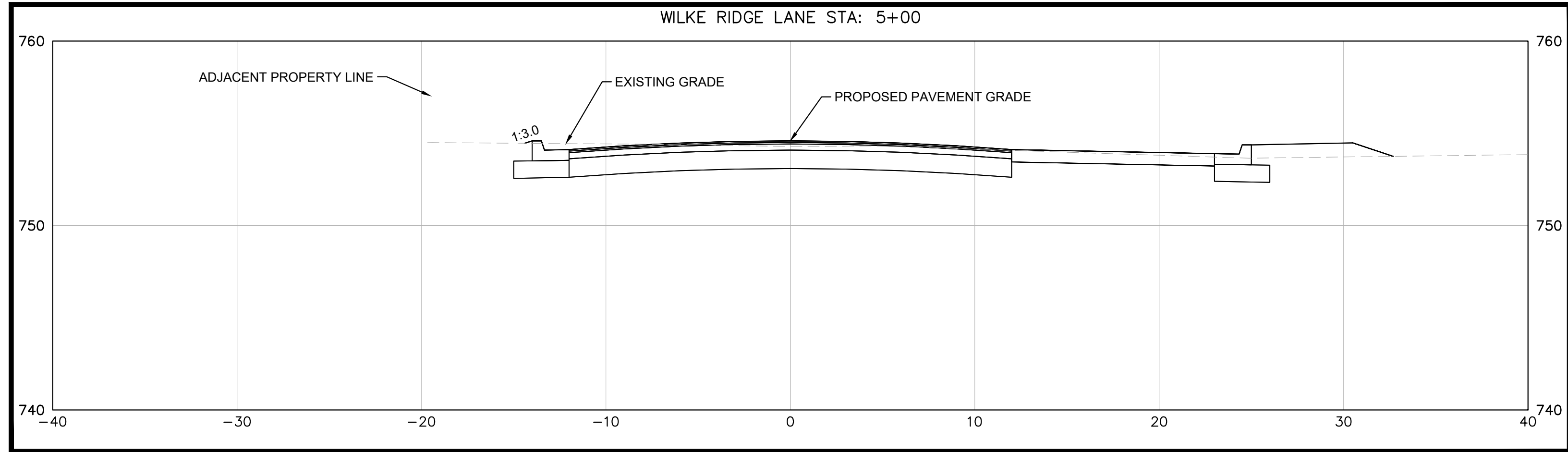
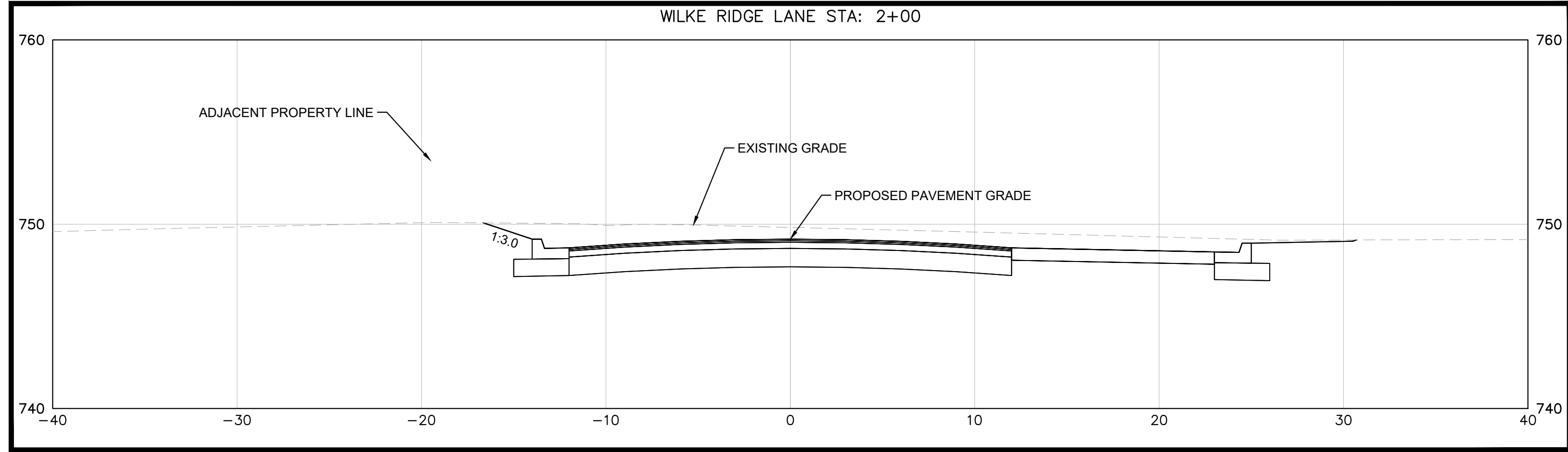
PAVING PLAN AND PROFILE (SHEET 2 OF 2)

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

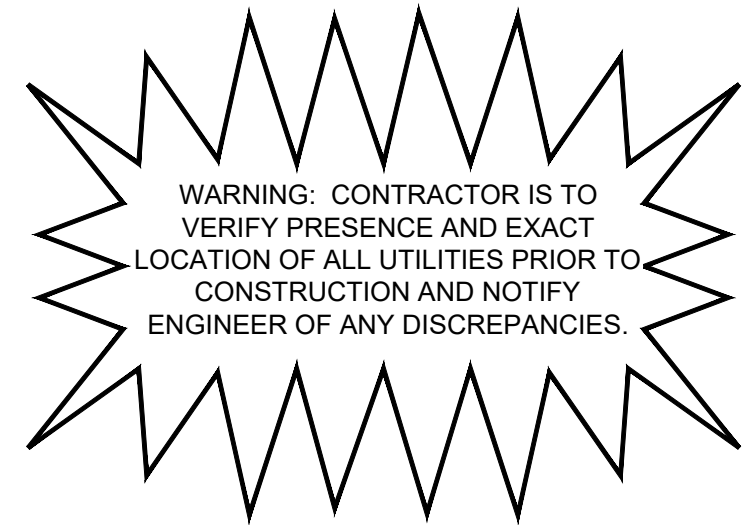
SHEET NUMBER
5

Plotted By: Alvis, Joel Date: July 02, 2021 12:55:15pm File Path: K:\ous_civil\068213098-sparrow_pflugerville\Cad\roadway_plans\plansheets\C-Paving_P&P.dwg

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



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.



Know what's below.
Call before you dig.

No.	REVISIONS	DATE	BY

Kimley»Horn
 10814 JOLLYVILLE ROAD AVALON IV SUITE 200 AUSTIN, TX 78758
 PHONE: 512-418-1771 FAX: 512-418-1791
 WWW.KIMLEY-HORN.COM
 © 2021 KIMLEY-HORN AND ASSOCIATES, INC.
 TBPE Firm No. 928

FOR REVIEW ONLY
 Not for construction or permit purposes.
Kimley»Horn
 Engineer: JUSTIN J. KRAMER
 P.E. No. 122309 Date: 7/2/21

07/02/2021

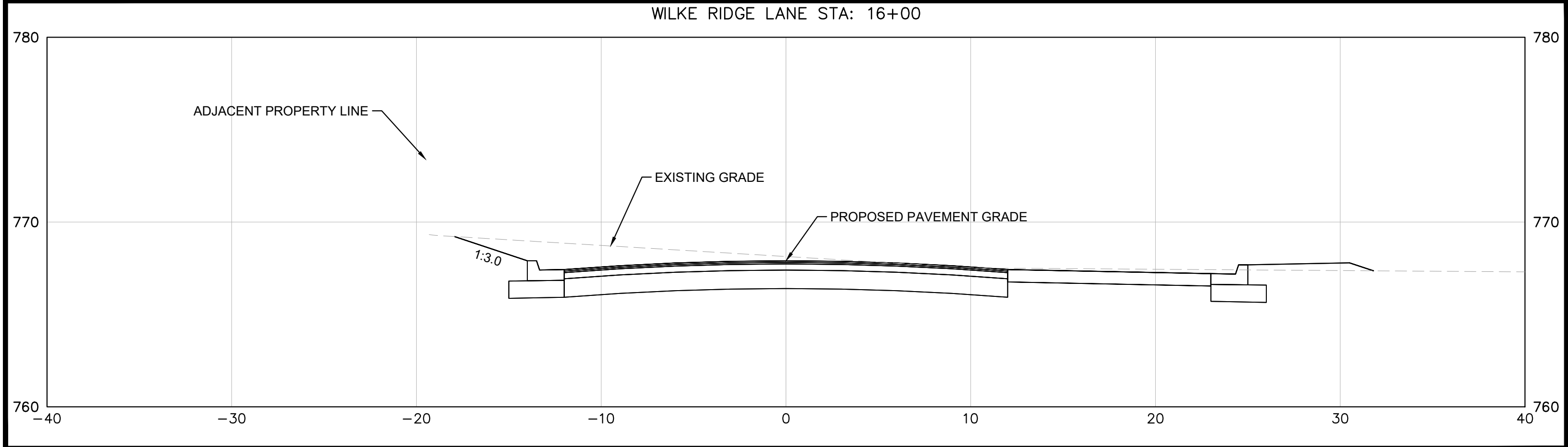
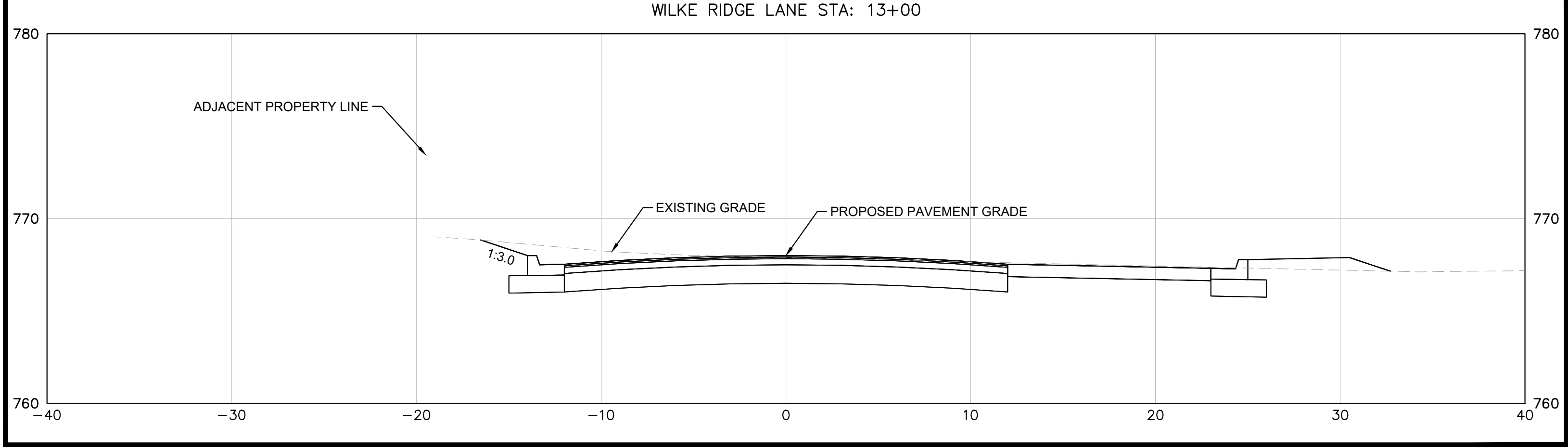
KHA PROJECT	068213098
DATE	JULY 2021
SCALE:	AS SHOWN
DESIGNED BY:	JMA
DRAWN BY:	JMA
CHECKED BY:	JJK

**PROPOSED
ROADWAY
SECTIONS
(SHEET 1 OF 2)**

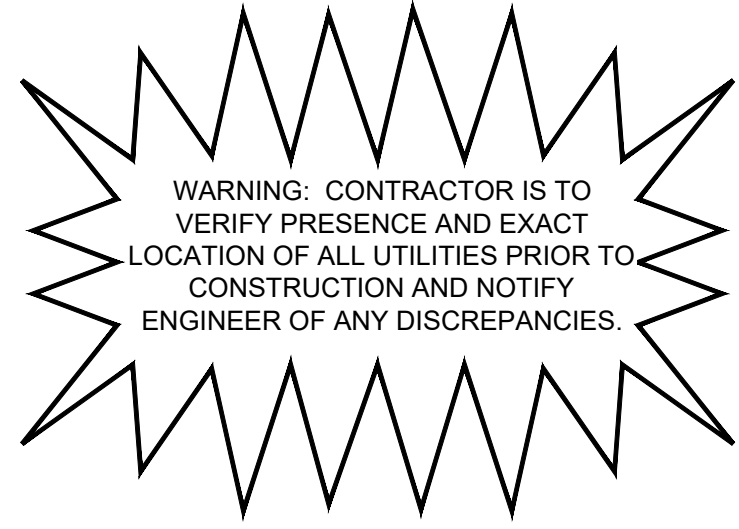
**WILKE RIDGE LANE
ROADWAY EXTENSION
CITY OF PFLUGERVILLE
TRAVIS COUNTY, TEXAS**

Plotted By: Alvis, Joel Date: July 02, 2021 12:55:20pm File Path: K:\aus_civil\068213098-sparrow_pflugerville\Cad\roadway_plans\plansheets\C-Paving_P&P.dwg

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



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.



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

No.	REVISIONS	DATE	BY

Kimley-Horn
10814 JOLLYVILLE ROAD AVALON IV SUITE 200 AUSTIN, TX 78758
PHONE: 512-418-1771 FAX: 512-418-1791
WWW.KIMLEY-HORN.COM
© 2021 KIMLEY-HORN AND ASSOCIATES, INC.
TBP Firm No. 928



07/02/2021

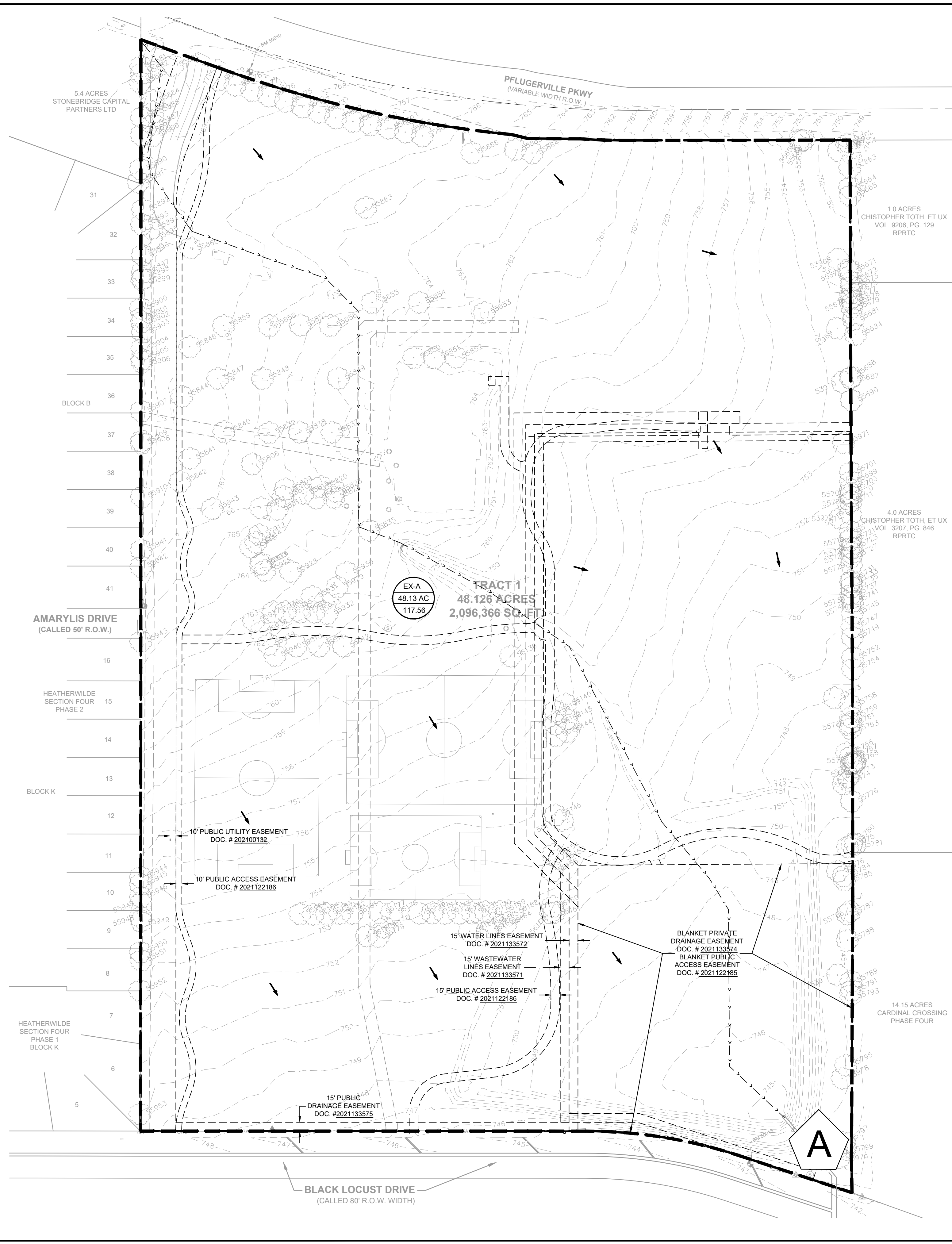
KHA PROJECT 068213098	DATE JULY 2021	SCALE: AS SHOWN	DESIGNED BY: JMA	DRAWN BY: JMA	CHECKED BY: JJK
--------------------------	-------------------	-----------------	------------------	---------------	-----------------

**PROPOSED
ROADWAY
SECTIONS
(SHEET 2 OF 2)**

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

SHEET NUMBER
7

Plotted By: A/Vis, Joel Date: July 02, 2021 12:55:30pm File Path: K:\aus_civil\068213098-sparrow_pflugerville\Cad\roadway_plans\plansheets\C-Existing Drainage Area Map.dwg
 This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and/or improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

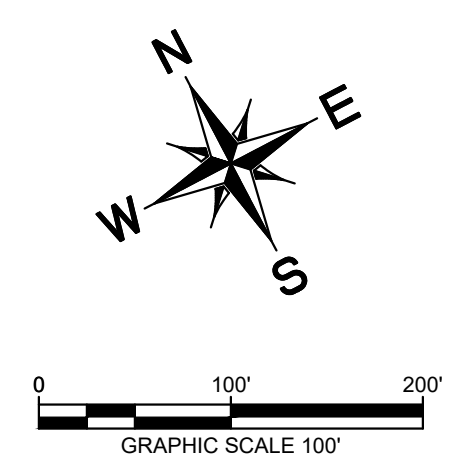


1.0 ACRES
THE PROTESTANT
EPISCOPAL CHURCH
COUNCIL OF THE DIOCESE
OF TEXAS
VOL. 9206, PG. 129
RRPTC

1.0 ACRES
THE PROTESTANT
EPISCOPAL CHURCH
COUNCIL OF THE DIOCESE
OF TEXAS
VOL. 9916, PG. 324
RRPTC

4.0 ACRES
THE PROTESTANT EPISCOPAL
CHURCH COUNCIL OF THE
DIOCESE OF TEXAS
VOL. 3207, PG. 846
RRPTC

4.0 ACRES
THE PROTESTANT EPISCOPAL
CHURCH COUNCIL OF THE
DIOCESE OF TEXAS
VOL. 9910, PG. 172
RRPTC



LEGEND

	AREA DESIGNATOR
	AREA IN ACRES
	Q100 FLOW IN CFS
	PROPERTY LINE
	EXISTING EASEMENT LINE
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	To FLOW PATH

CITY OF PFLUGERVILLE IDF CURVE PARAMETERS

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

CITY OF PFLUGERVILLE ATLAS 14 RAINFALL DEPTHS

Rainfall Depth (in.) by Average Recurrence Interval

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

EXISTING CONDITIONS

Time of Concentration Calculations - SCS Method

DRAINAGE AREA	SHEET FLOW				SHALLOW CONCENTRATED FLOW				CHANNEL FLOW				TOTAL Tc** (min)	Q ₂ (cfs)	Q ₁₀ (cfs)	Q ₂₅ (cfs)	Q ₁₀₀ (cfs)								
	P-2yr24hr	4.2 IN			Grass Surface		Paved Surface		Channel Flow 1																
N	L (ft)	S (ft/ft)	Tl(min)	L (ft)	V (fps)	S (ft/ft)	Tl(min)	L (ft)	V (fps)	S	Tl(min)	L (ft)	V (fps)	a (ft ²)	Pw (ft)	r	n	S (ft/ft)	Tl(min)						
EX-A	0.24	100	0.02	12.46	940	2.3	0.020	6.87	598	2.03282	0.01	4.90	674	1.2	44.1	24.3	1.81	0.200	0.012	9.25	33.48	22.09	51.25	73.39	117.56

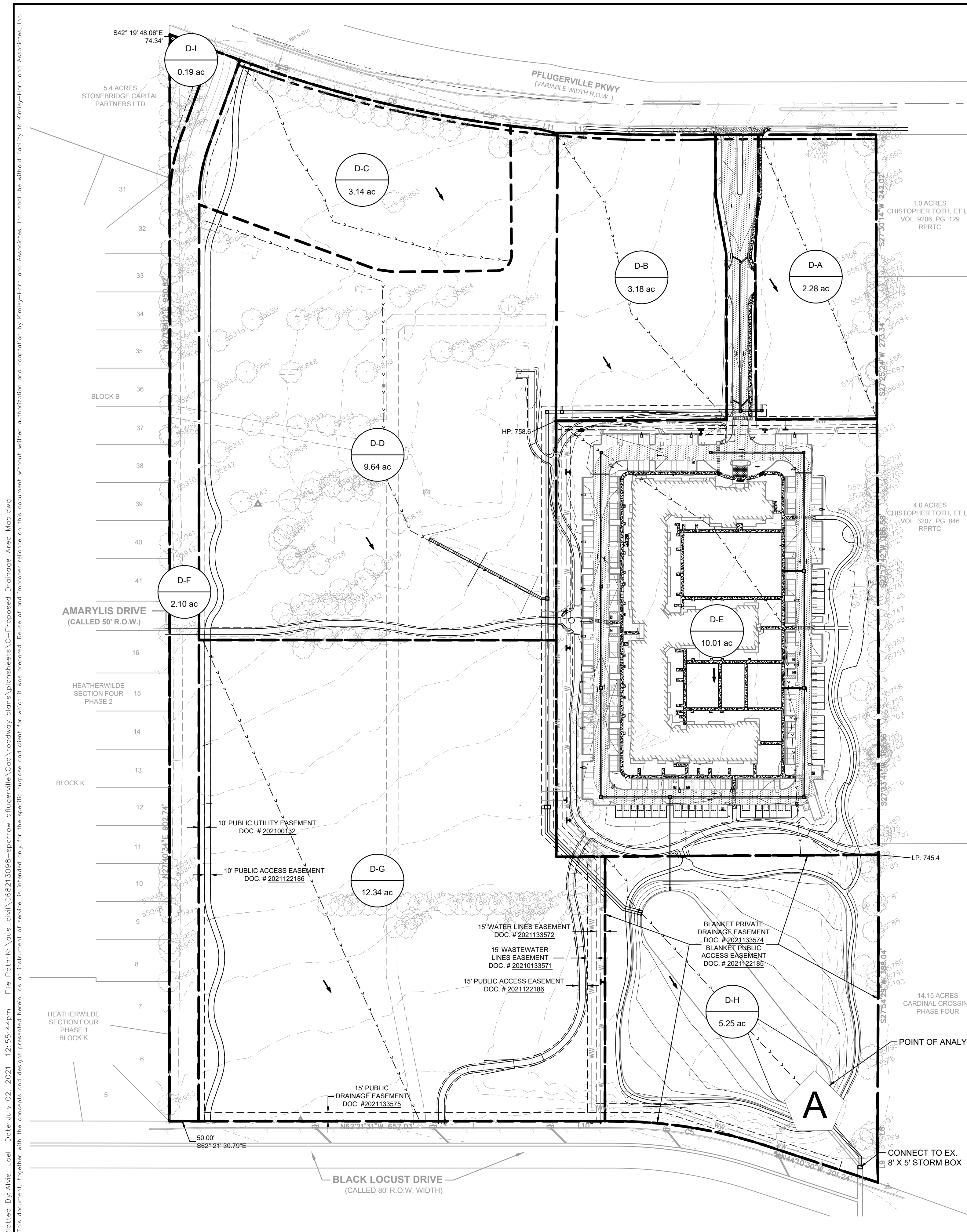
Soil Type	Land Use	CN	Weighted CN
EX-A			
D	Brush-Weed-Grass Mixture (Fair Condition)	88.0%	77
	Impervious Areas	12.0%	98
			79.52

BENCHMARKS

BM #50010
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.
N: 10142867.2180'
E: 3149521.2090'
ELEV: 769.60'

BM #50013
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.
N: 10140830.1640'
E: 3149414.3060'
ELEV: 743.31'

<p>10814 JOLLYVILLE ROAD AVALON IV SUITE 200 AUSTIN, TX 78759 PHONE: 512-418-1771 FAX: 512-418-1791 WWW.KIMLEY-HORN.COM © 2021 KIMLEY-HORN AND ASSOCIATES, INC. TBE Firm No. 928</p>	<p>10814 JOLLYVILLE ROAD AVALON IV SUITE 200 AUSTIN, TX 78759 PHONE: 512-418-1771 FAX: 512-418-1791 WWW.KIMLEY-HORN.COM © 2021 KIMLEY-HORN AND ASSOCIATES, INC. TBE Firm No. 928</p>												
<p>FOR REVIEW ONLY Not for construction or permit purposes.</p> <p>Engineer: JUSTIN J. KRAMER P.E. No. 122309 Date: 7/2/21</p>	<p>07/02/2021</p> <table border="1"> <tr> <td>KHA PROJECT</td> <td>068213098</td> </tr> <tr> <td>DATE</td> <td>JULY 2021</td> </tr> <tr> <td>SCALE:</td> <td>AS SHOWN</td> </tr> <tr> <td>DESIGNED BY:</td> <td>JMA</td> </tr> <tr> <td>DRAWN BY:</td> <td>JMA</td> </tr> <tr> <td>CHECKED BY:</td> <td>JJK</td> </tr> </table>	KHA PROJECT	068213098	DATE	JULY 2021	SCALE:	AS SHOWN	DESIGNED BY:	JMA	DRAWN BY:	JMA	CHECKED BY:	JJK
KHA PROJECT	068213098												
DATE	JULY 2021												
SCALE:	AS SHOWN												
DESIGNED BY:	JMA												
DRAWN BY:	JMA												
CHECKED BY:	JJK												
<p>EXISTING DRAINAGE AREA MAP</p>													
<p>WILKE RIDGE LANE ROADWAY EXTENSION CITY OF PFLUGERVILLE TRAVIS COUNTY, TEXAS</p>													
<p>SHEET NUMBER 8</p>													



Soil Type	Land Use	CN	Weighted CN
D-A			
D	Brush-Weed-Grass Mixture (Fair Condition)	20.0%	77
	Impervious Areas	80.0%	98
D-B			
D	Brush-Weed-Grass Mixture (Fair Condition)	20.0%	77
	Impervious Areas	80.0%	98
D-C			
D	Brush-Weed-Grass Mixture (Fair Condition)	40.0%	77
	Impervious Areas	60.0%	98
D-D			
D	Brush-Weed-Grass Mixture (Fair Condition)	20.0%	77
	Impervious Areas	80.0%	98
D-E			
D	Brush-Weed-Grass Mixture (Fair Condition)	45.0%	77
	Impervious Areas	55.0%	98
D-F			
D	Brush-Weed-Grass Mixture (Fair Condition)	40.0%	77
	Impervious Areas	60.0%	98
D-G			
D	Brush-Weed-Grass Mixture (Fair Condition)	35.0%	77
	Impervious Areas	65.0%	98
D-H			
D	Brush-Weed-Grass Mixture (Fair Condition)	100.0%	77
	Impervious Areas	0.0%	98
D-I			
D	Brush-Weed-Grass Mixture (Fair Condition)	100.0%	77
	Impervious Areas	0.0%	98

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
- : PROPOSED STORM DRAIN MANHOLE
- : PROPOSED STORM DRAIN HEADWALL
- : PROPOSED FLOW DIRECTION
- : PROPOSED CONTOUR
- : EXISTING CONTOUR
- : TIME OF CONCENTRATION PATH

FULLY DEVELOPED TRACT

Time of Concentration Calculations - SCS Method

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)	6.00	20.88	38.96	68.57	77.74
D-H (Pond)	6.00	3.31	7.13	15.81	18.96
D-I (Residual)	6.00	0.12	0.26	0.57	0.69

CITY OF PFLUGERVILLE IDF CURVE PARAMETERS

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

CITY OF PFLUGERVILLE ATLAS 14 RAINFALL DEPTHS

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	Existing Flow (CFS)			
	2	10	25	100
Point of Analysis A	22.09	51.25	73.39	117.56
	Fully Developed Tract Flow (CFS)			
	2	10	25	100
	81.33	155.93	284.49	314.85
	Difference (CFS)			
2	10	25	100	
59.24	104.68	211.10	197.29	

Location	Existing Flow (CFS)			
	2	10	25	100
Point of Analysis A	22.09	51.25	73.39	117.56
	Detention Pond Outflow (CFS)			
	2	10	25	100
	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. POST-DEVELOPMENT RUNOFF

PRE-DEVELOPMENT VS. DETENTION POND OUTFLOW

BENCHMARKS

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

BM #50010
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.
N: 10142867.2180'
E: 3149521.2090'
ELEV: 769.60'

BM #50013
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.
N: 10140830.1840'
E: 3149414.3060'
ELEV: 743.31'

NO.
REVISIONS
DATE
BY

10814 JOLLYVILLE ROAD AVALON IV SUITE 200 AUSTIN, TX 78759
PHONE: 512-418-1771 FAX: 512-418-1791
WWW.KIMLEY-HORN.COM
© 2021 KIMLEY-HORN AND ASSOCIATES, INC.
TBE Firm No. 928

FOR REVIEW ONLY
Not for construction or permit purposes.

Kimley-Horn
Engineer: JUSTIN J. KRAMER
P.E. No. 122309 Date: 7/2/21

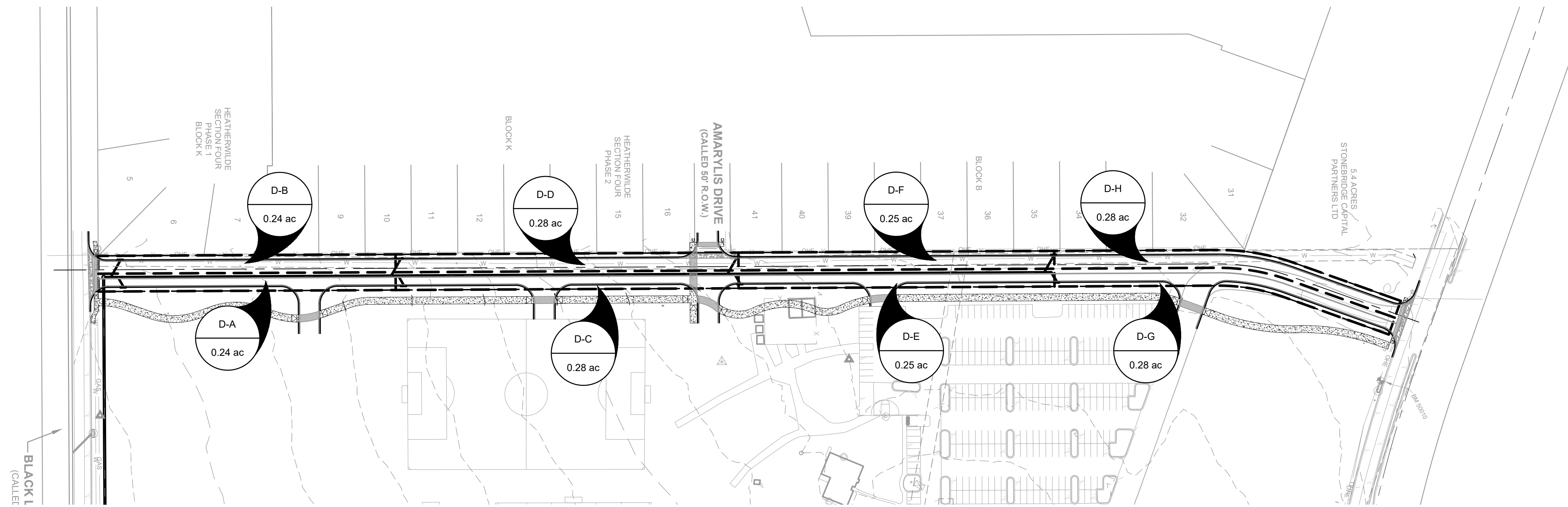
KHA PROJECT: 068213098
DATE: JULY 2021
SCALE: AS SHOWN
DESIGNED BY: JMA
DRAWN BY: JMA
CHECKED BY: JJK

PROPOSED DRAINAGE AREA MAP

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

SHEET NUMBER
9

Plotted By: A\jms_joel Date: July 02, 2021 12:56:02pm File Path: K:\aus_civil\068213098--sparrow_pflugerville\Cad\roadway_plans\plansheets\C-inlet_Drainage_Area_Map.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



LEGEND

- X-1 AREA DESIGNATOR
- 9.9 ac AREA IN ACRES
- 5.5 cfs Q100 FLOW IN CFS
- A-1 INLET NUMBER
- PROPERTY LINE
- PROPOSED STORM DRAIN LINE
- EXISTING STORM DRAIN LINE
- PROPOSED DRAINAGE DIVIDE
- PROPOSED STORM DRAIN INLET
- PROPOSED STORM DRAIN MANHOLE
- ▭ PROPOSED STORM DRAIN HEADWALL
- PROPOSED FLOW DIRECTION
- PROPOSED CONTOUR
- EXISTING CONTOUR

CITY OF PFLUGERVILLE IDF CURVE PARAMETERS

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

CITY OF PFLUGERVILLE ATLAS 14 RAINFALL DEPTHS

Duration	Rainfall Depth (in.) by Average Recurrence Interval									
	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	

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)	Q100 (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

BM #50010
 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.
 N: 10142867.2180'
 E: 3149521.2090'
 ELEV: 769.60'

BM #50013
 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.
 N: 10140830.1640'
 E: 3149414.3060'
 ELEV: 743.31'

KHA PROJECT 068213098

DATE JULY 2021

SCALE: AS SHOWN

DESIGNED BY: JMA

DRAWN BY: JMA

CHECKED BY: JJK

INLET DRAINAGE AREA MAP

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

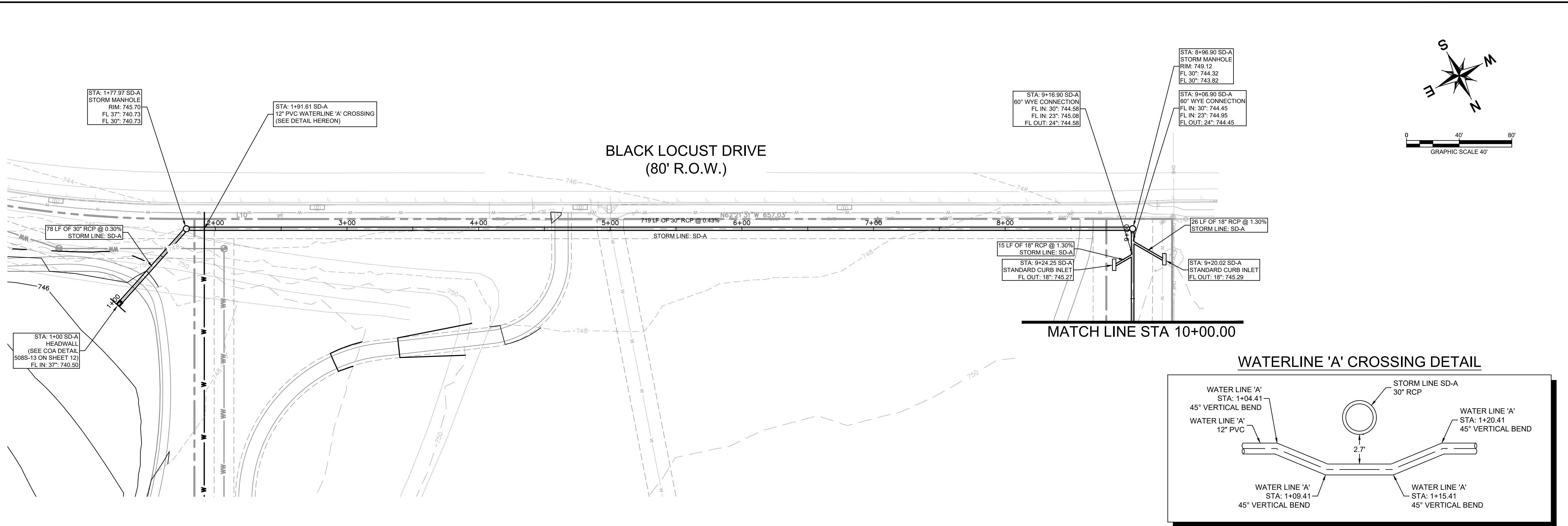
SHEET NUMBER

10

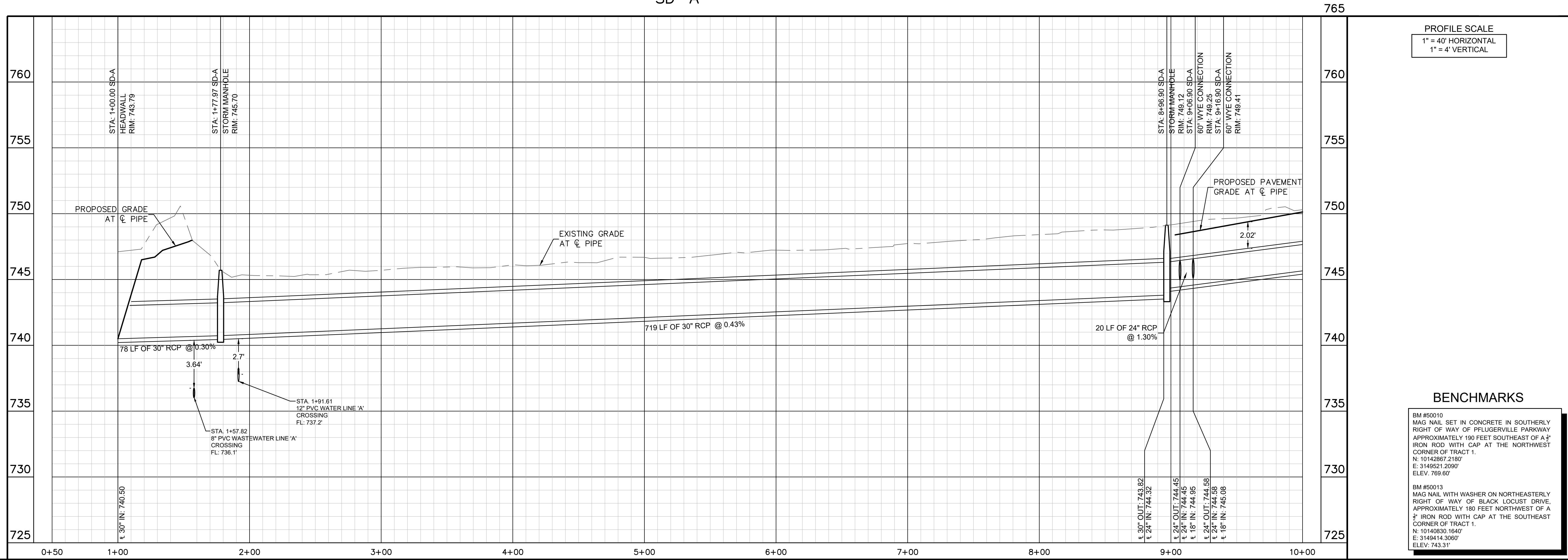
KIMLEY-HORN

10814 JOLLYVILLE ROAD AVALON IV SUITE 200 AUSTIN, TX 78758
 PHONE: 512-418-1771 FAX: 512-418-1791
 WWW.KIMLEY-HORN.COM
 © 2021 KIMLEY-HORN AND ASSOCIATES, INC. TBE Firm No. 928

Plotted By: Alvis, Joel Date: July 02, 2021 12:56:24pm File Path: K:\aus_civil\068213098--sparrow_pflugerville\Cad\roadway_plans\plansheets\C-Storm P&P.dwg
 This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



SD-A



No.	REVISIONS	DATE	BY

Kimley-Horn
 10814 JOLLYVILLE ROAD AVALON IV SUITE 200 AUSTIN, TX 78758
 PHONE: 512-418-1771 FAX: 512-418-1791
 WWW.KIMLEY-HORN.COM
 © 2021 KIMLEY-HORN AND ASSOCIATES, INC.
 TBPE Firm No. 928

FOR REVIEW ONLY
 Not for construction or permit purposes.
Kimley-Horn
 Engineer: JUSTIN J. KRAMER
 P.E. No. 122309 Date: 7/2/21

07/02/2021

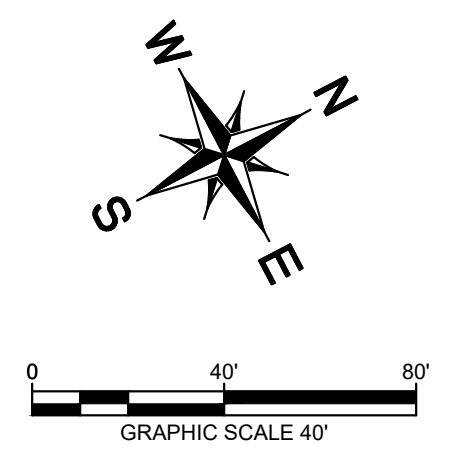
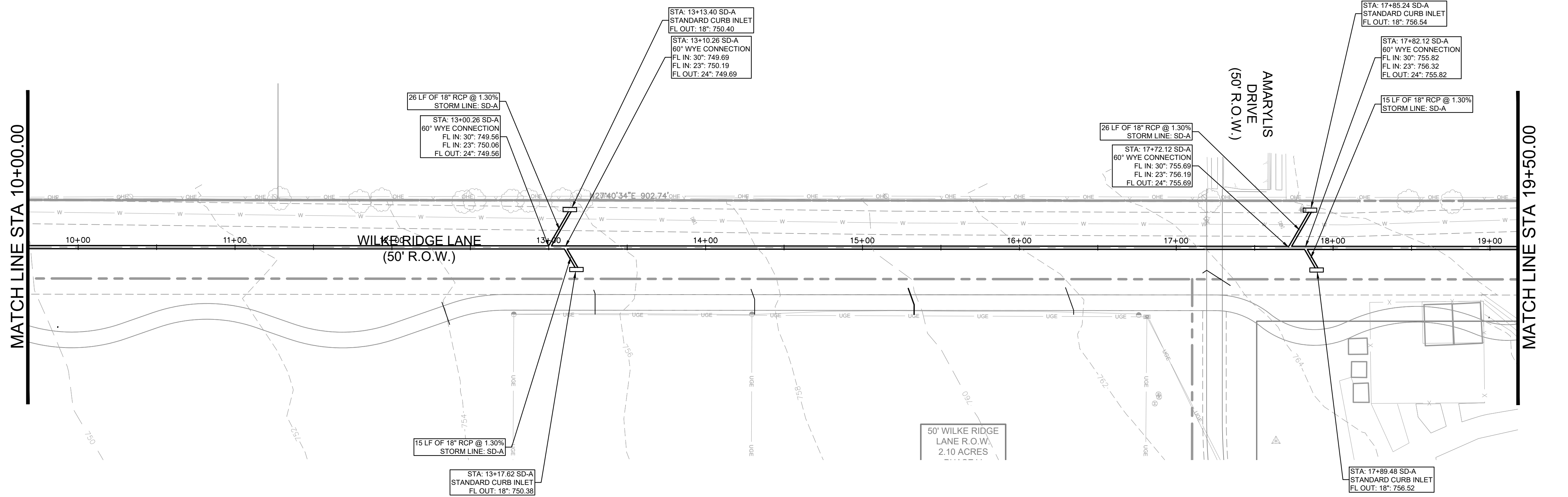
KHA PROJECT	068213098
DATE	JULY 2021
SCALE:	AS SHOWN
DESIGNED BY:	JMA
DRAWN BY:	JMA
CHECKED BY:	JJK

**STORM PLAN & PROFILE
 PROFILE
 (SHEET 1 OF 3)**

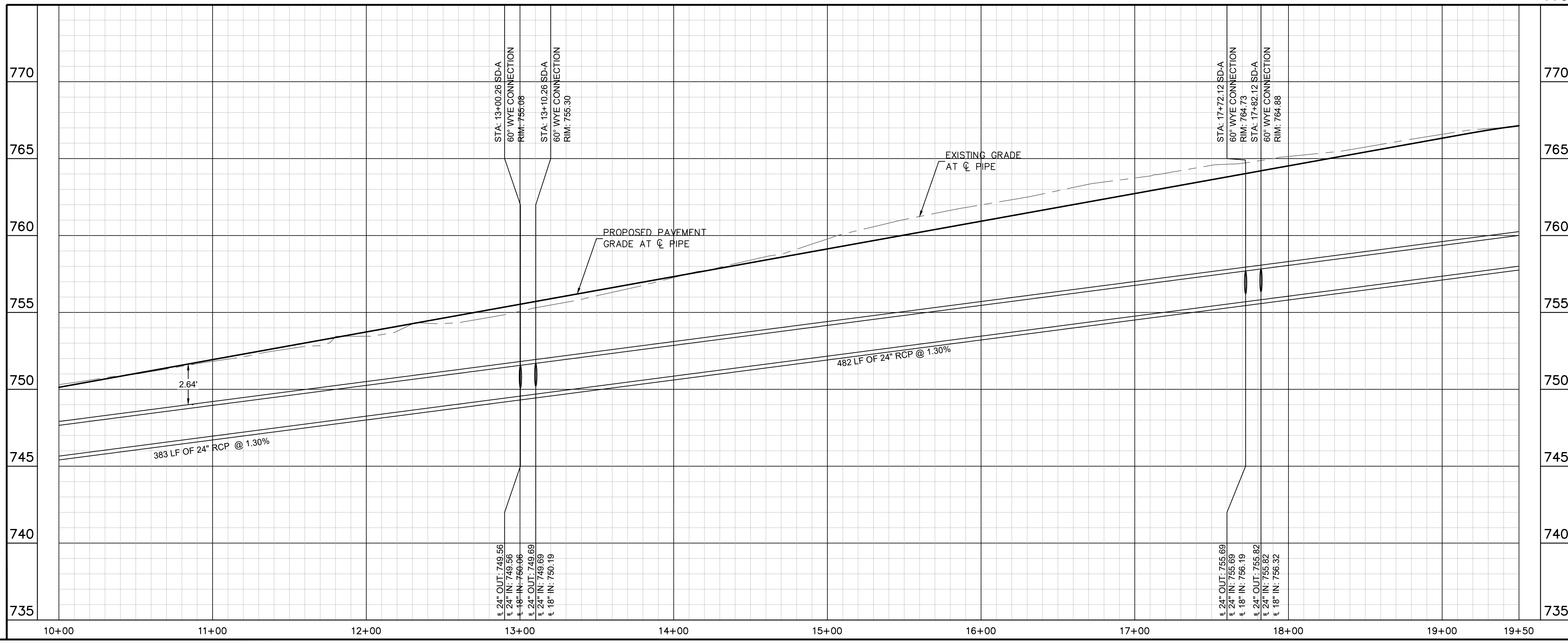
**WILKE RIDGE LANE
 ROADWAY EXTENSION**
 CITY OF PFLUGERVILLE
 TRAVIS COUNTY, TEXAS

SHEET NUMBER
11

Plotted By: Alvis, Joel Date: July 02, 2021 12:56:29pm File Path: K:\aus_civil\068213098-sparrow_pflugerville\Cad\roadway_plans\plansheets\C-Storm_P&P.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



SD-A

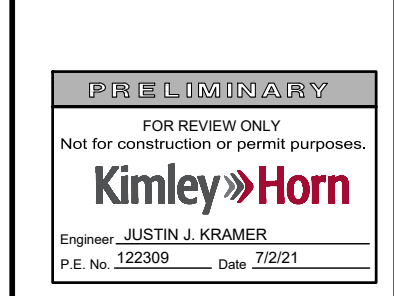


PROFILE SCALE
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

BENCHMARKS
 BM #50010
 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.
 N: 10142867.2180'
 E: 3149521.2090'
 ELEV: 769.60'
 BM #50013
 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 SOUTHWEST
 CORNER OF TRACT 1.
 N: 10140330.1640'
 E: 3149414.3060'
 ELEV: 743.31'

No.	REVISIONS	DATE	BY


Kimley-Horn
 10814 JOLLYVILLE ROAD AVALON IV SUITE 200 AUSTIN, TX 78758
 PHONE: 512-418-1771 FAX: 512-418-1791
 WWW.KIMLEY-HORN.COM
 © 2021 KIMLEY-HORN AND ASSOCIATES, INC.
 TBPE Firm No. 928


Kimley-Horn
 Engineer: JUSTIN J. KRAMER
 P.E. No. 122309 Date: 7/2/21

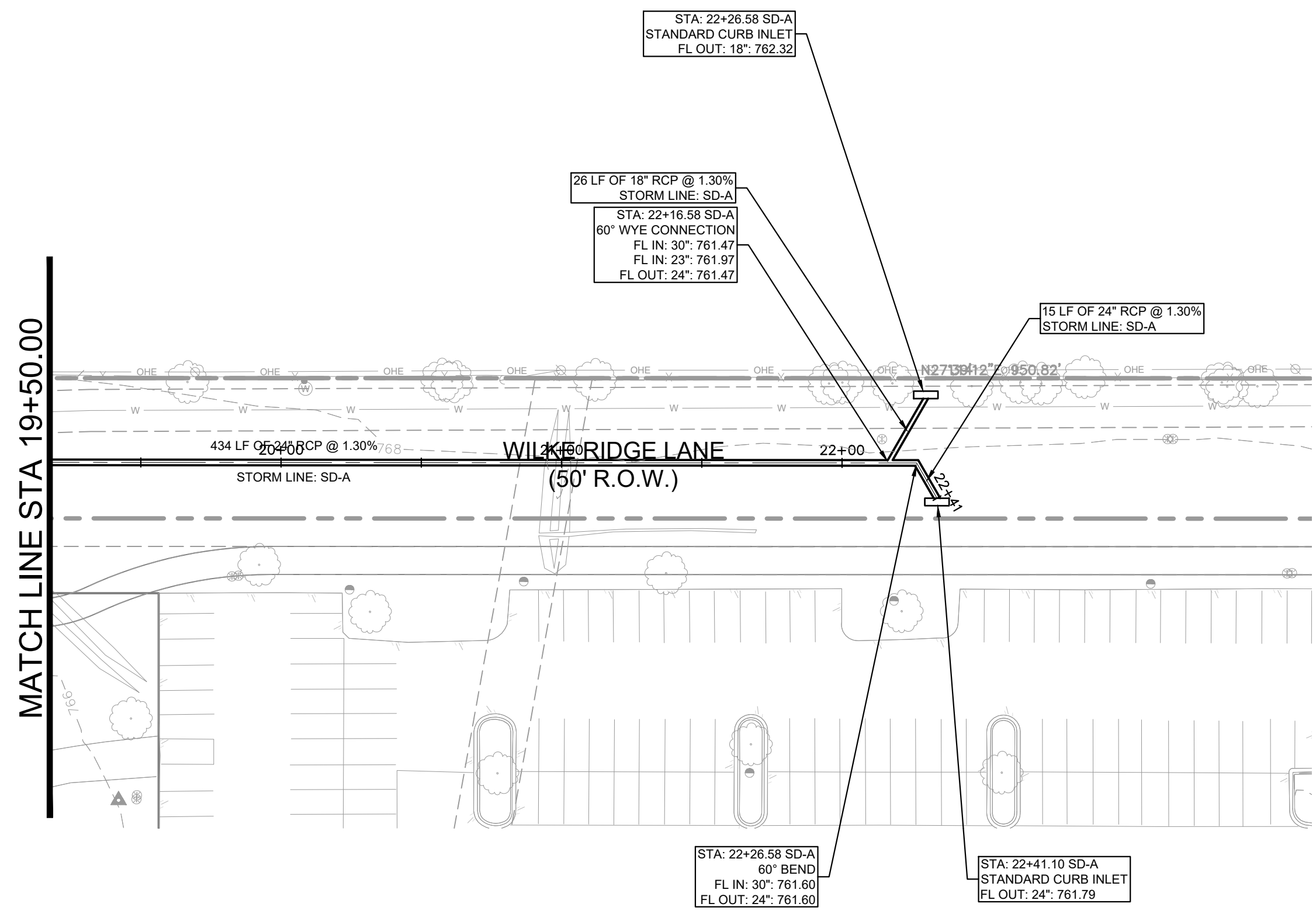
07/02/2021

KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
068213098	JULY 2021	AS SHOWN	JMA	JMA	JJK

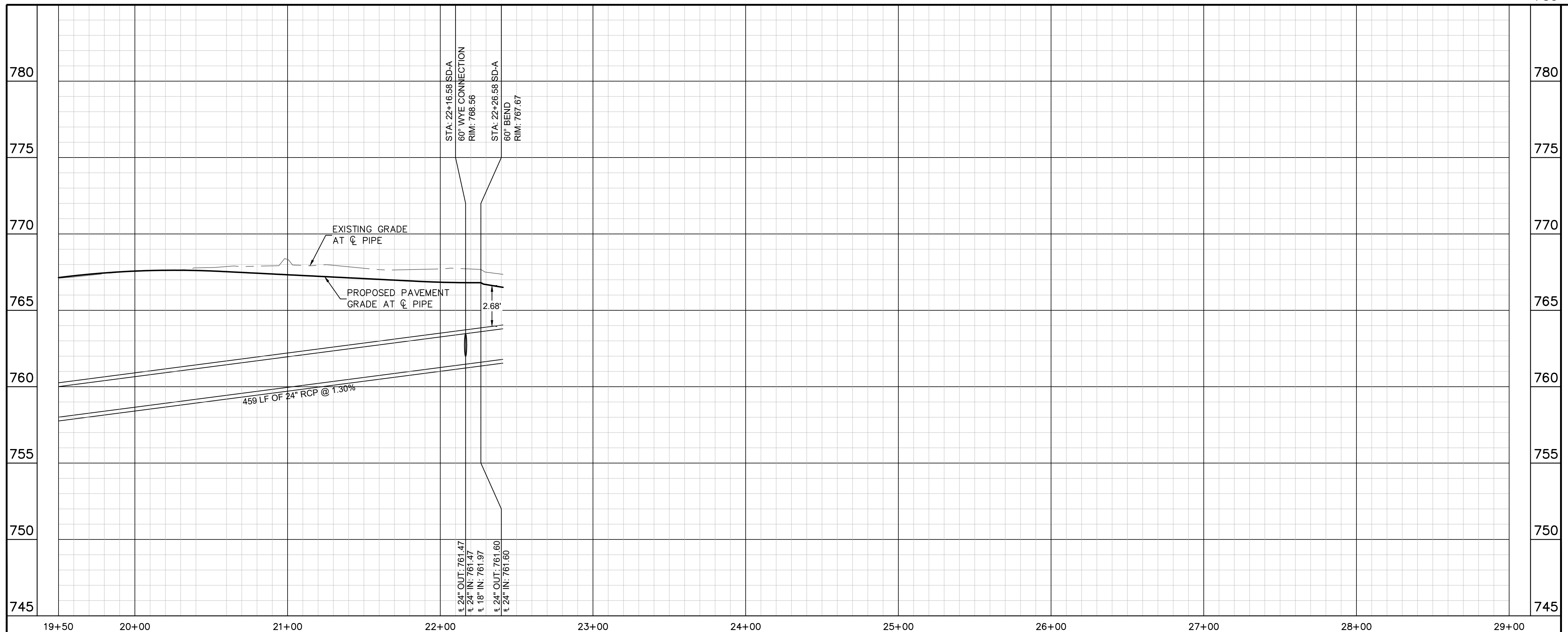
STORM PLAN & PROFILE
PROFILE
(SHEET 2 OF 3)

WILKE RIDGE LANE
ROADWAY EXTENSION
 CITY OF PFLUGERVILLE
 TRAVIS COUNTY, TEXAS
 SHEET NUMBER
12

Plotted By: Alvis, Joel Date: July 02, 2021 12:56:34pm File Path: K:\aus_civil\068213098--sparrow_pflugerville\Cad\roadway_plans\plansheets\C-Storm_P&P.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



SD-A



PROFILE SCALE
 1" = 40' HORIZONTAL
 1" = 4' VERTICAL

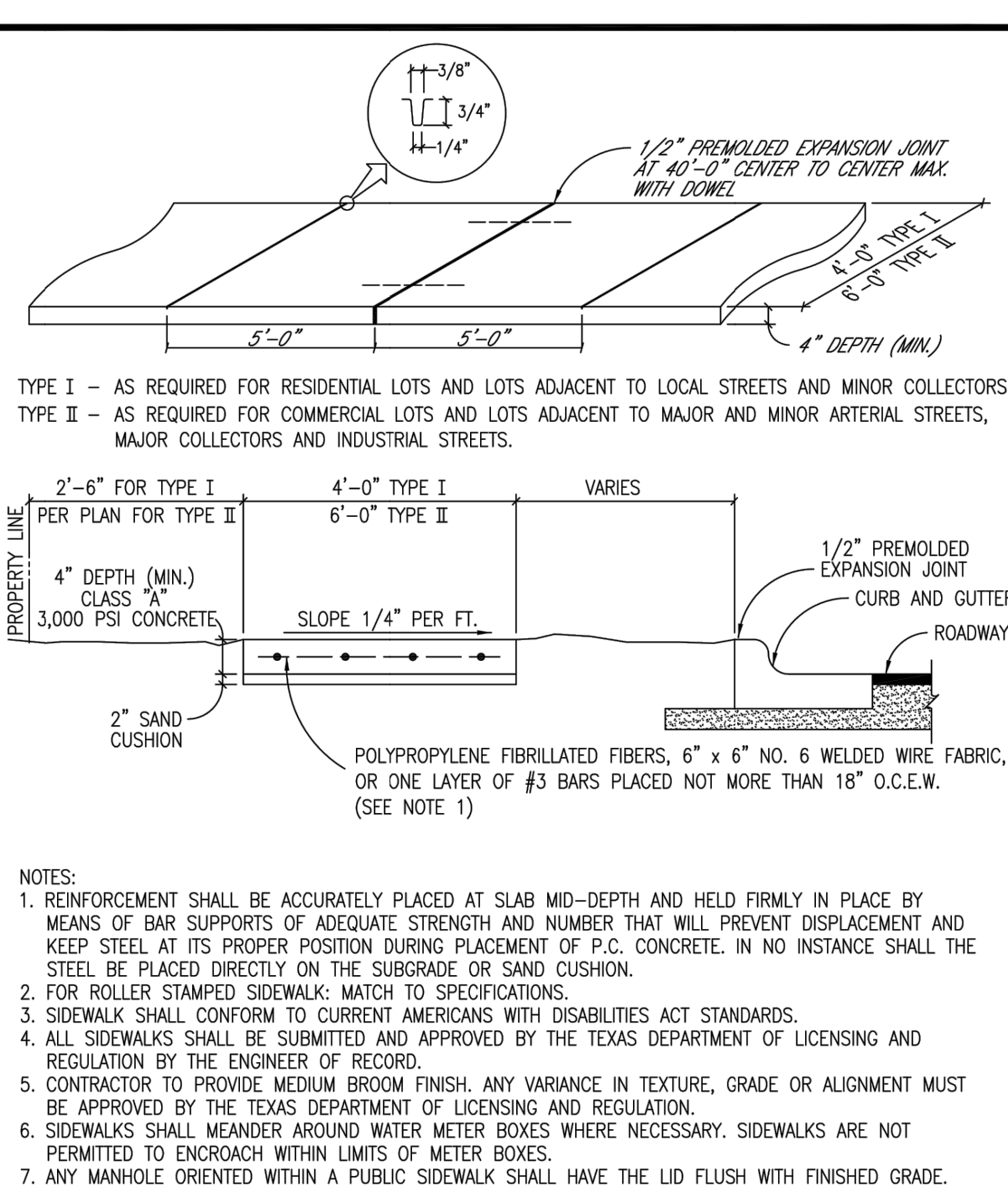
BENCHMARKS

BM #50010
 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.
 N: 10142867.2180'
 E: 3149521.2090'
 ELEV: 769.60'

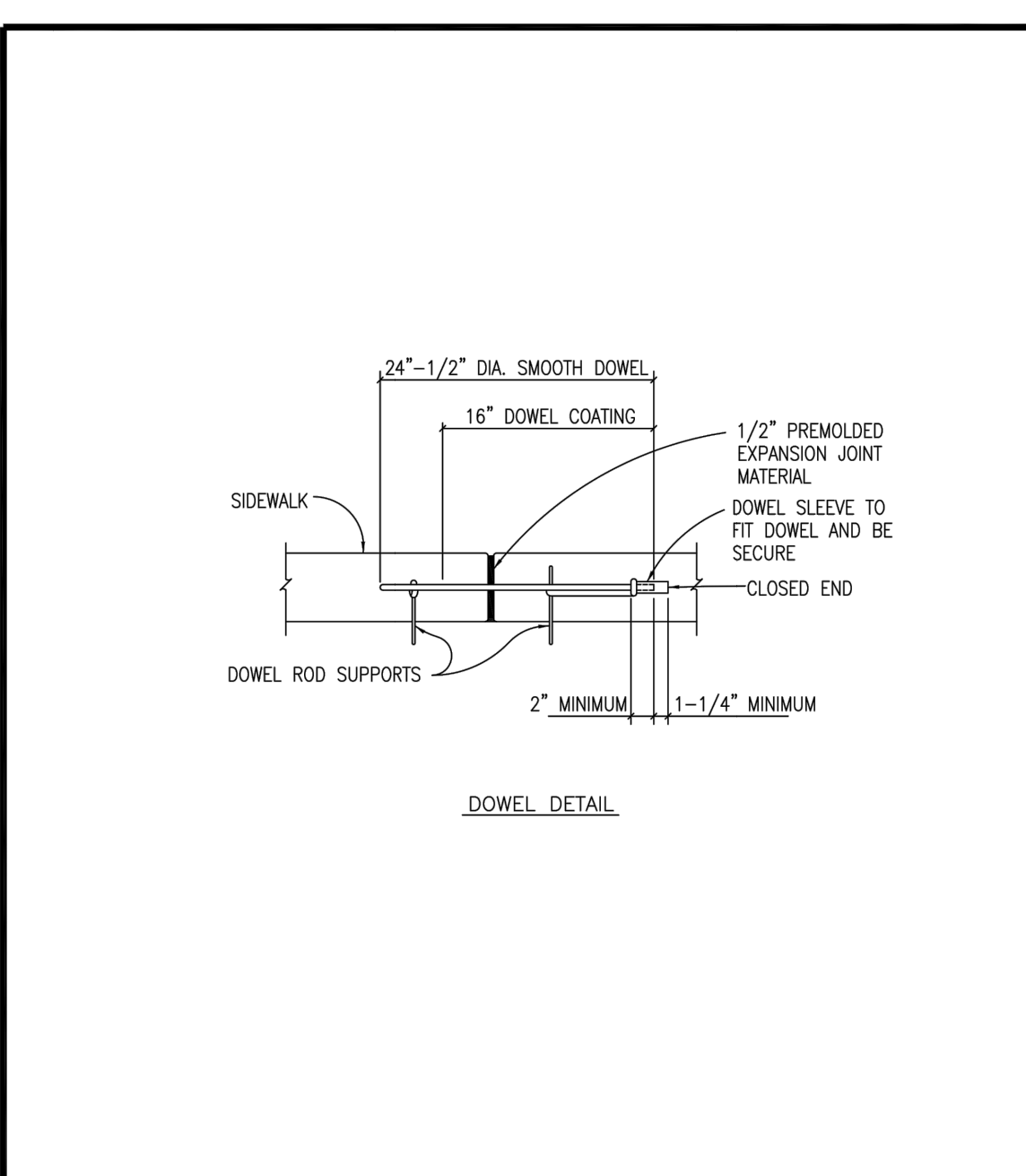
BM #50013
 MAG NAIL WITH WASHER ON NORTHEASTERLY RIGHT OF WAY OF BLACK LOCUST DRIVE, APPROXIMATELY 180 FEET NORTHWEST OF A 1/2" IRON ROD WITH CAP AT THE SOUTHEAST CORNER OF TRACT 1.
 N: 10140330.1640'
 E: 3149414.3060'
 ELEV: 743.31'

Kimley & Horn	10814 JOLLYVILLE ROAD AVALON IV SUITE 200 AUSTIN, TX PHONE: 512-418-1771 FAX: 512-418-1791 WWW.KIMLEY-HORN.COM © 2021 KIMLEY-HORN AND ASSOCIATES, INC. TBPE Firm No. 928			
FOR REVIEW ONLY Not for construction or permit purposes. Kimley & Horn Engineer: JUSTIN J. KRAMER P.E. No. 122309 Date: 7/2/21				
07/02/2021				
KHA PROJECT 068213098	DATE JULY 2021	SCALE: AS SHOWN	DESIGNED BY: JMA	CHECKED BY: JJK
STORM PLAN & PROFILE (SHEET 3 OF 3)				
WILKE RIDGE LANE ROADWAY EXTENSION CITY OF PFLUGERVILLE TRAVIS COUNTY, TEXAS				
SHEET NUMBER				DATE
13				
				REVISIONS
				No.
				BY

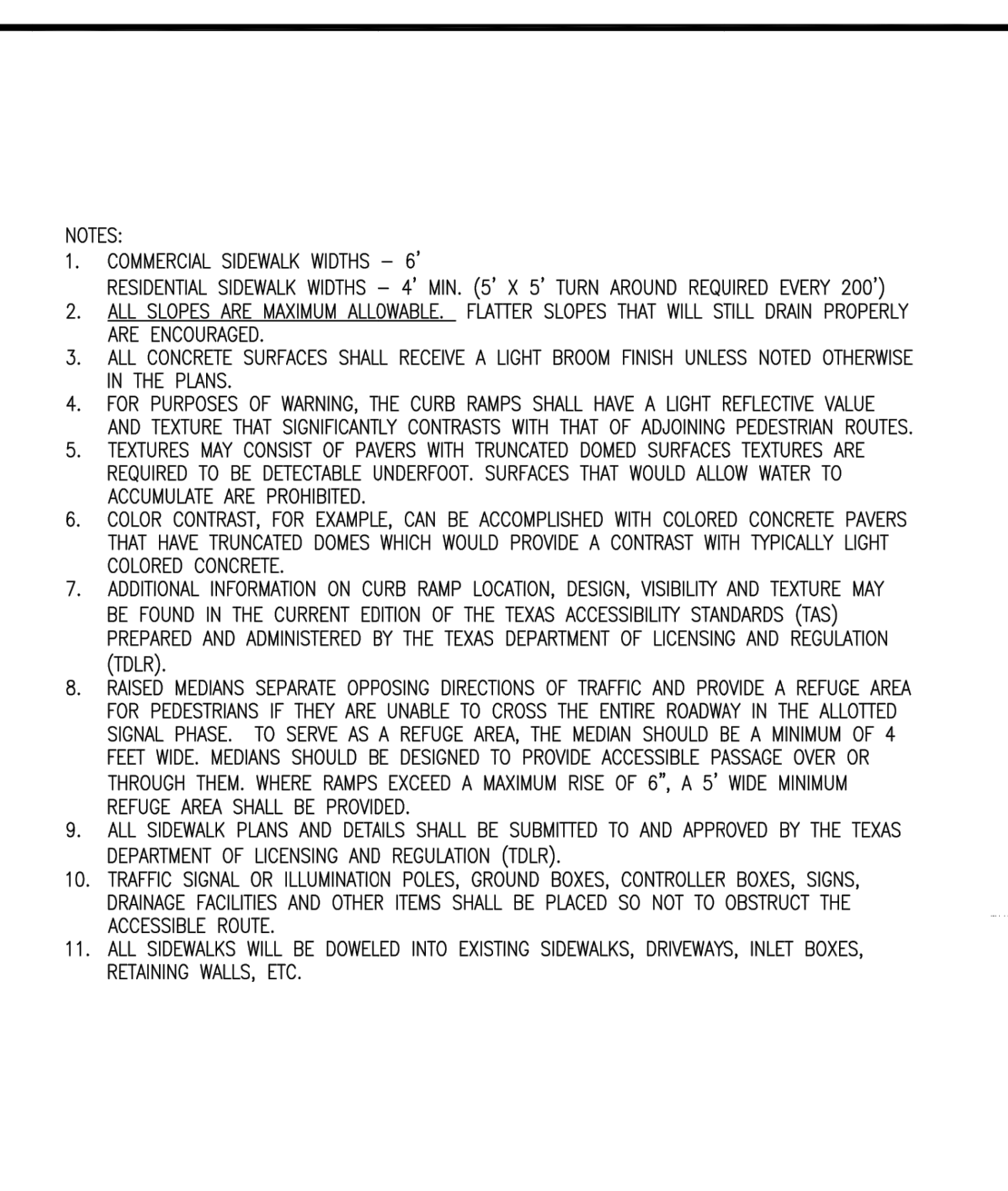
Plotted By: Alvis, Joel Date: July 02, 2021 12:56:41pm File Path: K:\ous_civil\068213098-sparrow_pflugerville\Cad\roadway_plans\plansheets\C-Paving_Details.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of any part of this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



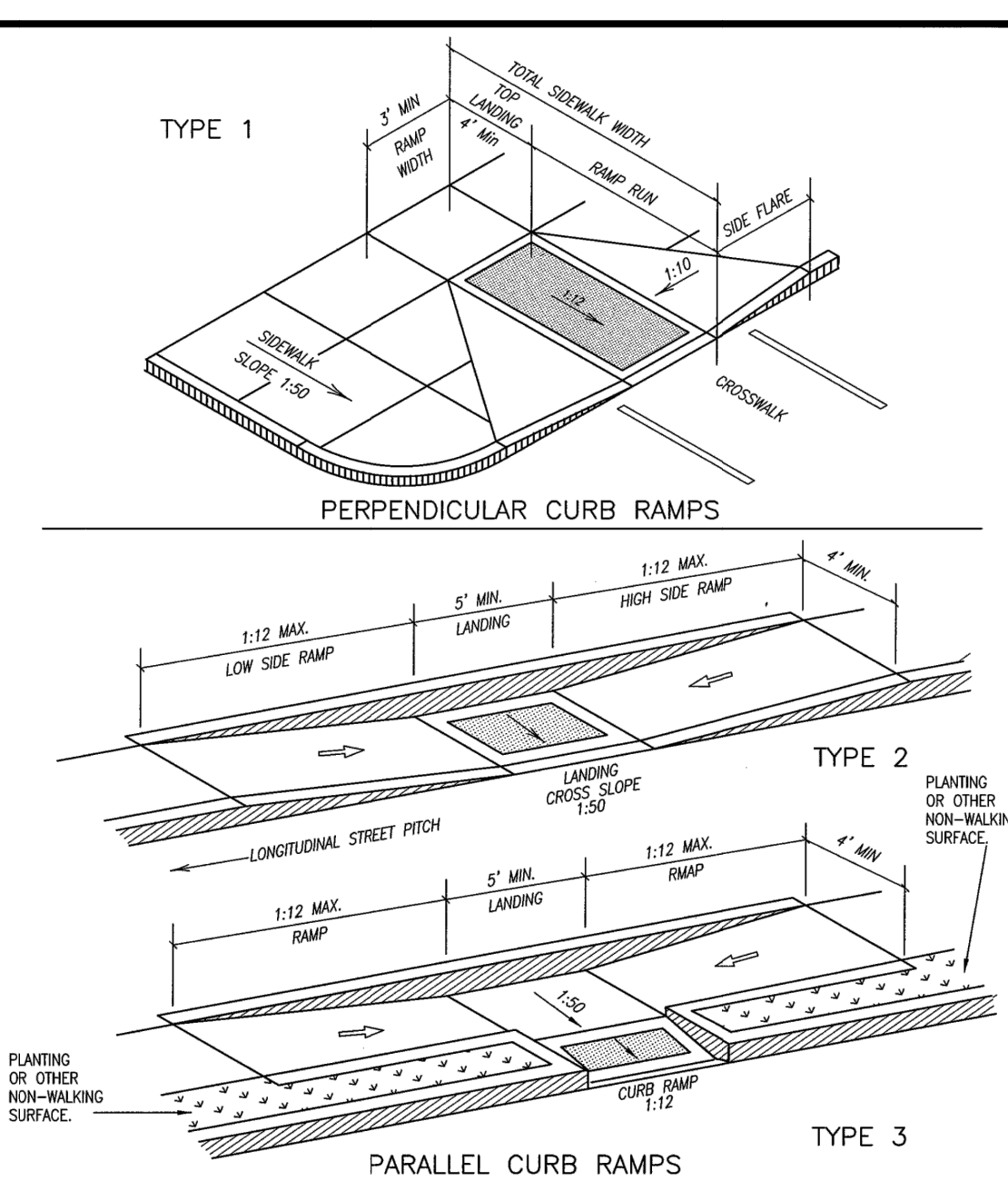
ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-14	ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-14
REVISIONS	SIDEWALK SECTION AND JOINT DETAIL	SD14.DWG	REVISIONS	SIDEWALK SECTION AND JOINT DETAIL	SD14.DWG
12/2015	DF AG		12/2015	DF AG	
DATE	APPROVED	DRAWN	DATE	APPROVED	DRAWN
SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS		SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS	



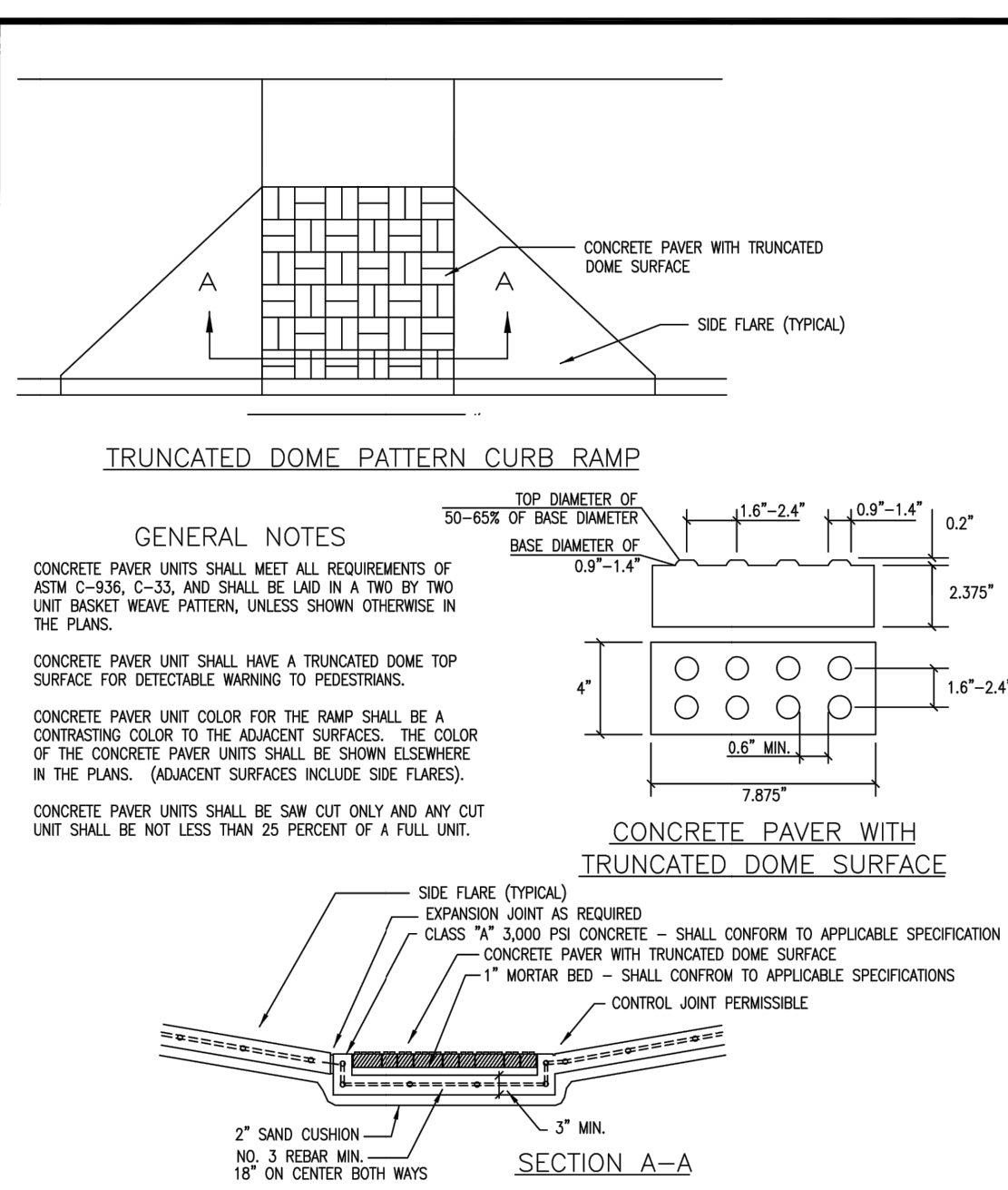
ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-01	ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-01
REVISIONS	TYPICAL HALF CROSS-SECTIONS FOR H.M.A.C. SURFACED STREETS	SD01.DWG	REVISIONS	TYPICAL HALF CROSS-SECTIONS FOR H.M.A.C. SURFACED STREETS	SD01.DWG
12/2015	DF AG		12/2015	DF AG	
DATE	APPROVED	DRAWN	DATE	APPROVED	DRAWN
SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS		SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS	



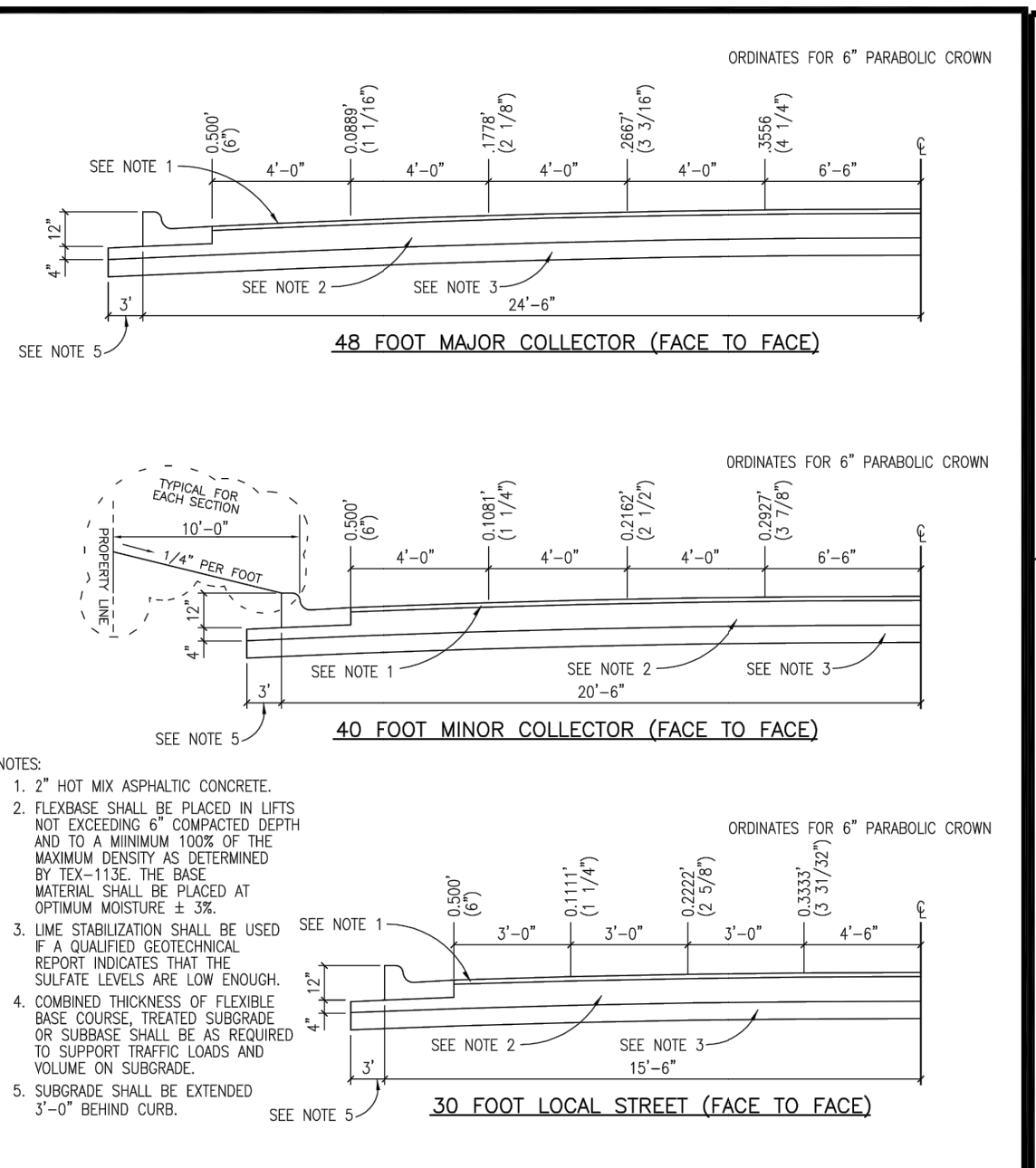
ISSUE DATE: JANUARY 2013	CITY OF PFLUGERVILLE	DWG. #SD-28	ISSUE DATE: JANUARY 2013	CITY OF PFLUGERVILLE	DWG. #SD-28
REVISIONS	PEDESTRIAN RAMPS GENERAL NOTES	SD28.DWG	REVISIONS	PEDESTRIAN RAMPS GENERAL NOTES	SD28.DWG
9/18/13	DF AG		9/18/13	DF AG	
DATE	APPROVED	DRAWN	DATE	APPROVED	DRAWN
SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS		SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS	



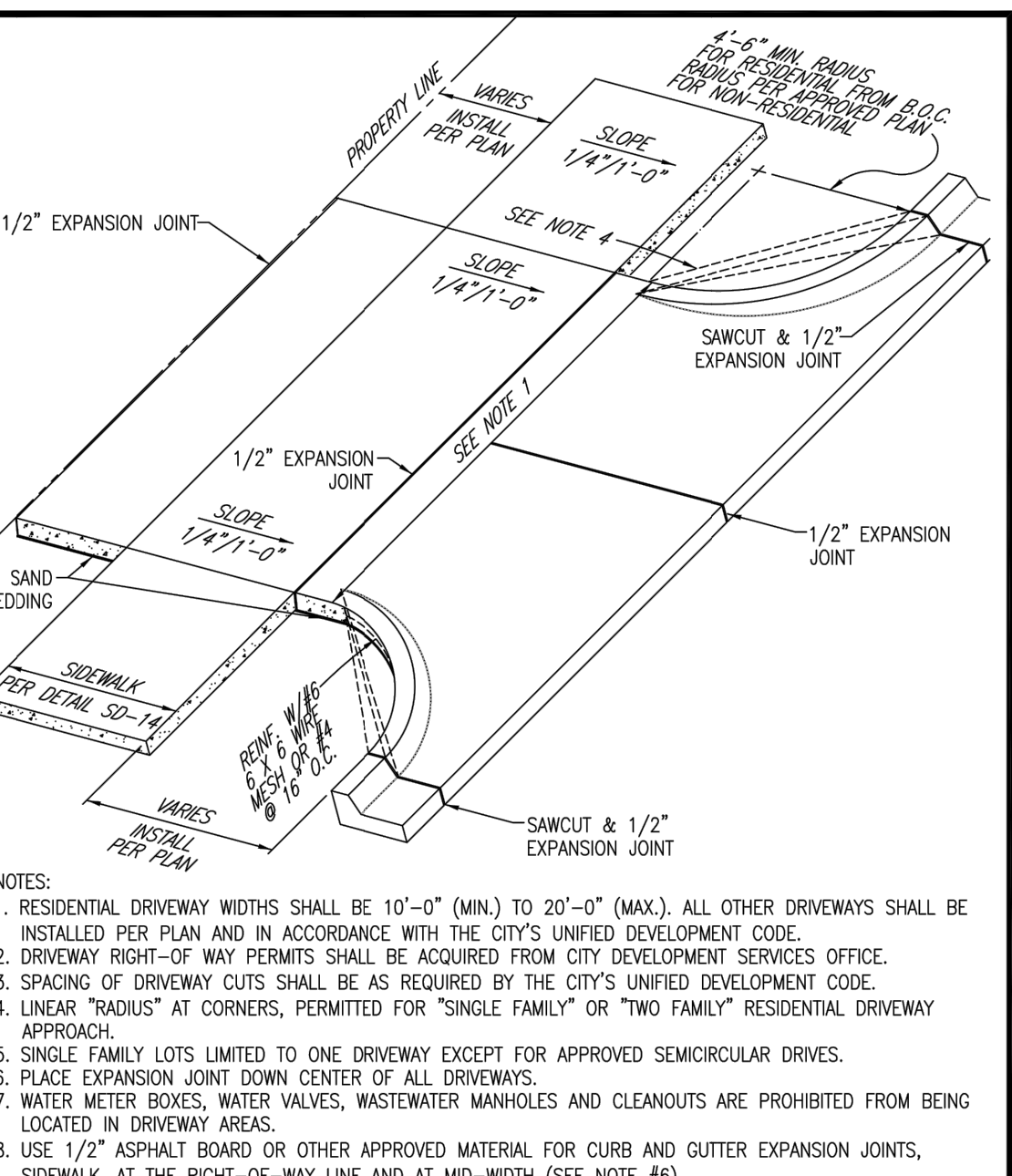
ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-31	ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-31
REVISIONS	SIDEWALK RAMP DETAILS TYPE 1-3	SD31.DWG	REVISIONS	SIDEWALK RAMP DETAILS TYPE 1-3	SD31.DWG
2/2013	DF AG		2/2013	DF AG	
2/2016	DF DF		2/2016	DF DF	
DATE	APPROVED	DRAWN	DATE	APPROVED	DRAWN
SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS		SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS	



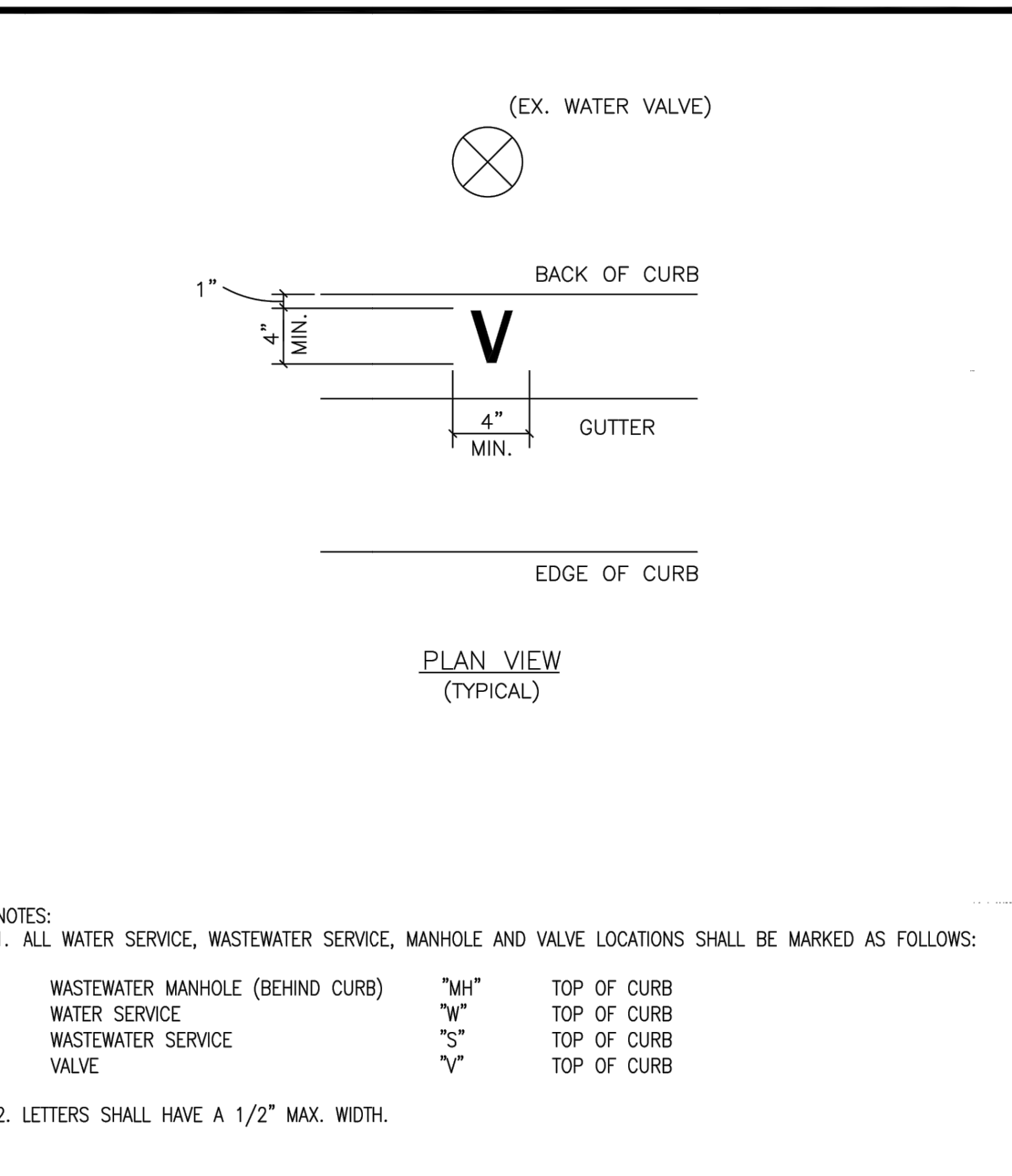
ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-37	ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-37
REVISIONS	CURB RAMP TEXTURES TYPE A	SD37.DWG	REVISIONS	CURB RAMP TEXTURES TYPE A	SD37.DWG
2/2013	DF AG		2/2013	DF AG	
2/2016	DF DF		2/2016	DF DF	
DATE	APPROVED	DRAWN	DATE	APPROVED	DRAWN
SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS		SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS	



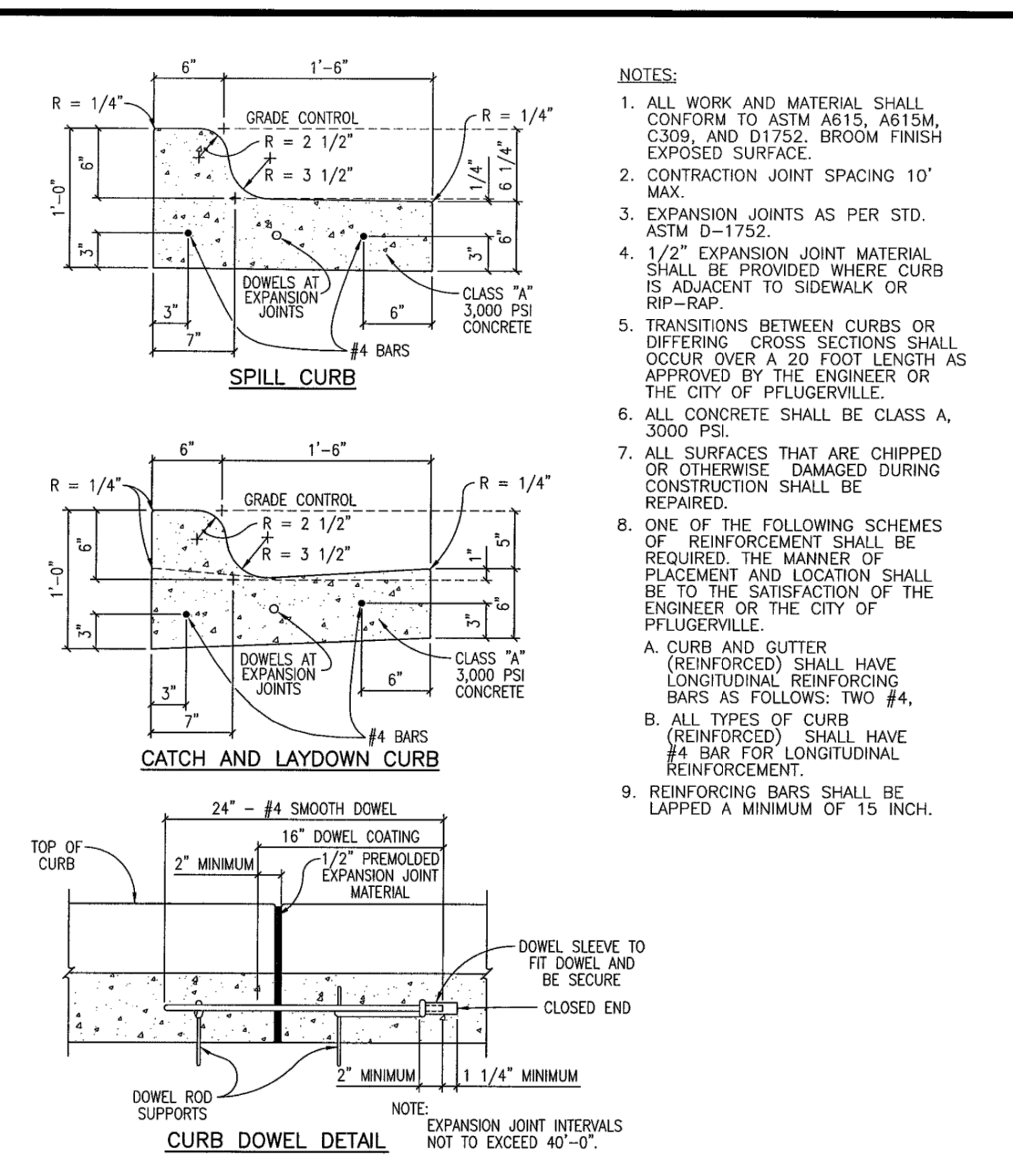
ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-01	ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-01
REVISIONS	TYPICAL HALF CROSS-SECTIONS FOR H.M.A.C. SURFACED STREETS	SD01.DWG	REVISIONS	TYPICAL HALF CROSS-SECTIONS FOR H.M.A.C. SURFACED STREETS	SD01.DWG
12/2015	DF AG		12/2015	DF AG	
DATE	APPROVED	DRAWN	DATE	APPROVED	DRAWN
SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS		SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS	



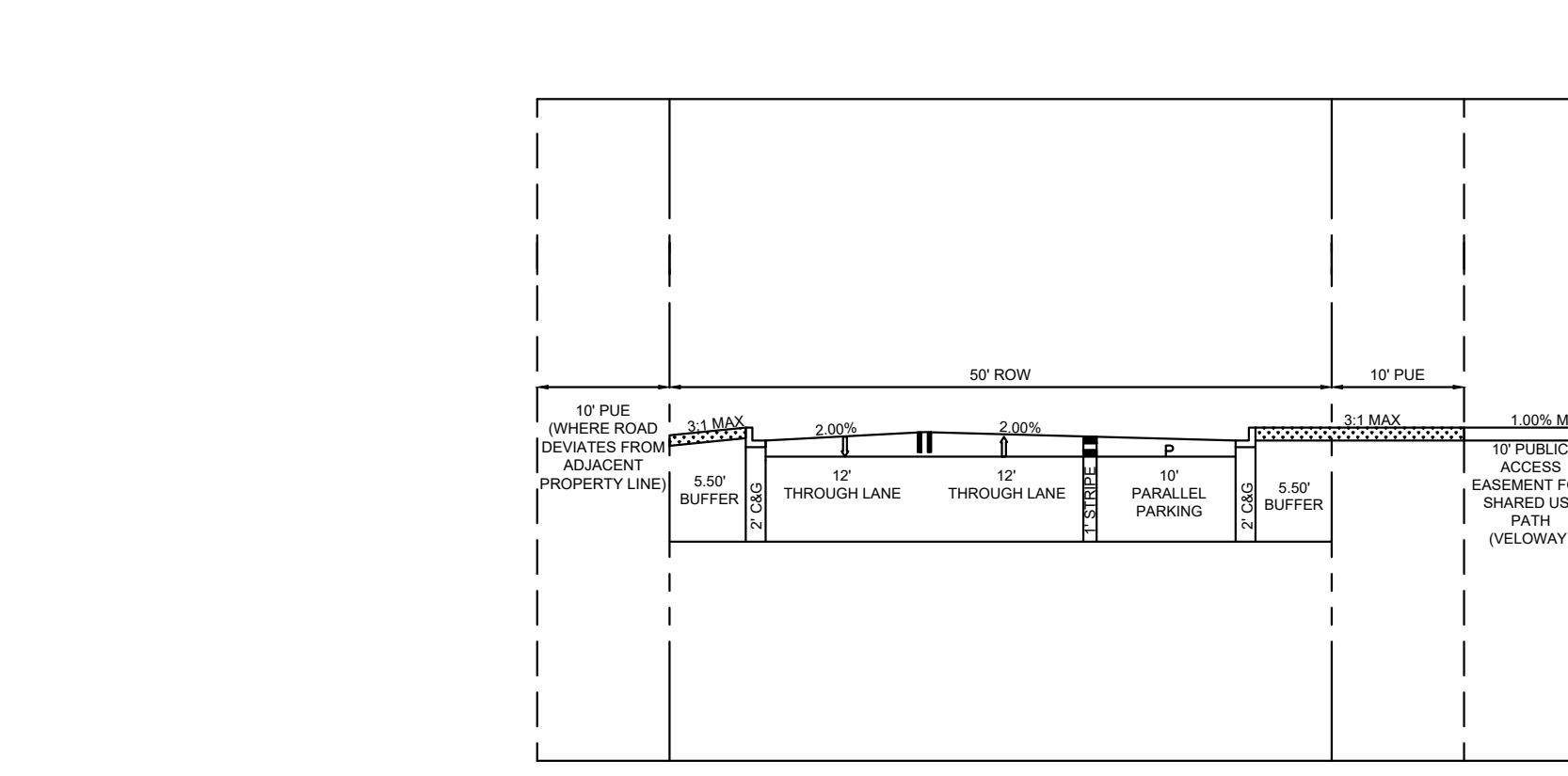
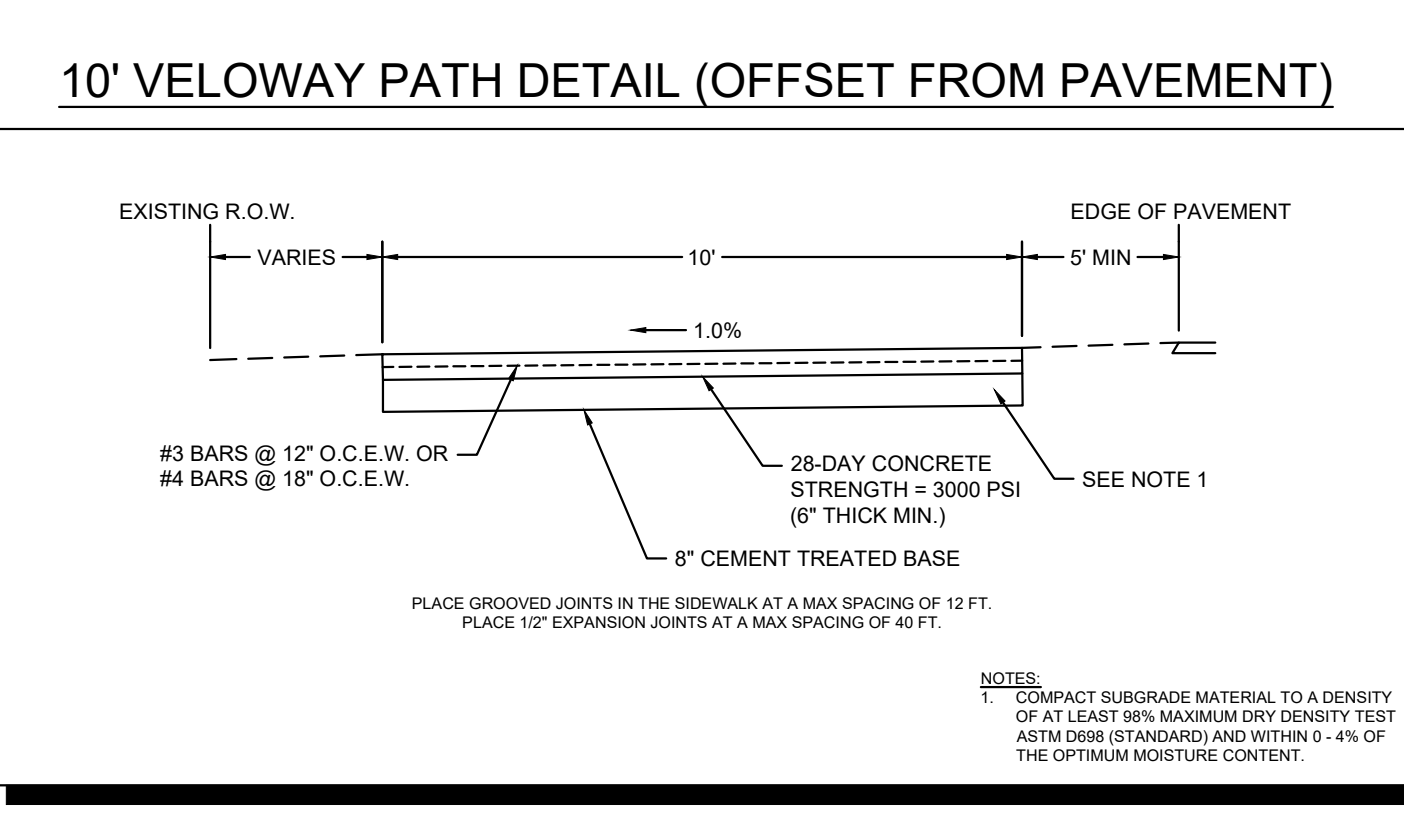
ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-15	ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-15
REVISIONS	CONCRETE DRIVEWAY APPROACH TYPICAL	SD15.DWG	REVISIONS	CONCRETE DRIVEWAY APPROACH TYPICAL	SD15.DWG
1/2016	DF AG		1/2016	DF AG	
DATE	APPROVED	DRAWN	DATE	APPROVED	DRAWN
SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS		SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS	



ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-00	ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-00
REVISIONS	CURB STAMP DETAIL	SD00.DWG	REVISIONS	CURB STAMP DETAIL	SD00.DWG
1/2016	DF AG		1/2016	DF AG	
DATE	APPROVED	DRAWN	DATE	APPROVED	DRAWN
SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS		SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS	



ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-06	ISSUE DATE: FEBRUARY 2005	CITY OF PFLUGERVILLE	DWG. #SD-06
REVISIONS	CURB AND GUTTER DETAILS	SD06.DWG	REVISIONS	CURB AND GUTTER DETAILS	SD06.DWG
1/2016	DF AG		1/2016	DF AG	
DATE	APPROVED	DRAWN	DATE	APPROVED	DRAWN
SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS		SCALE: N.T.S.	CONSTRUCTION STANDARDS AND DETAILS	



NO.	REVISIONS	DATE	BY

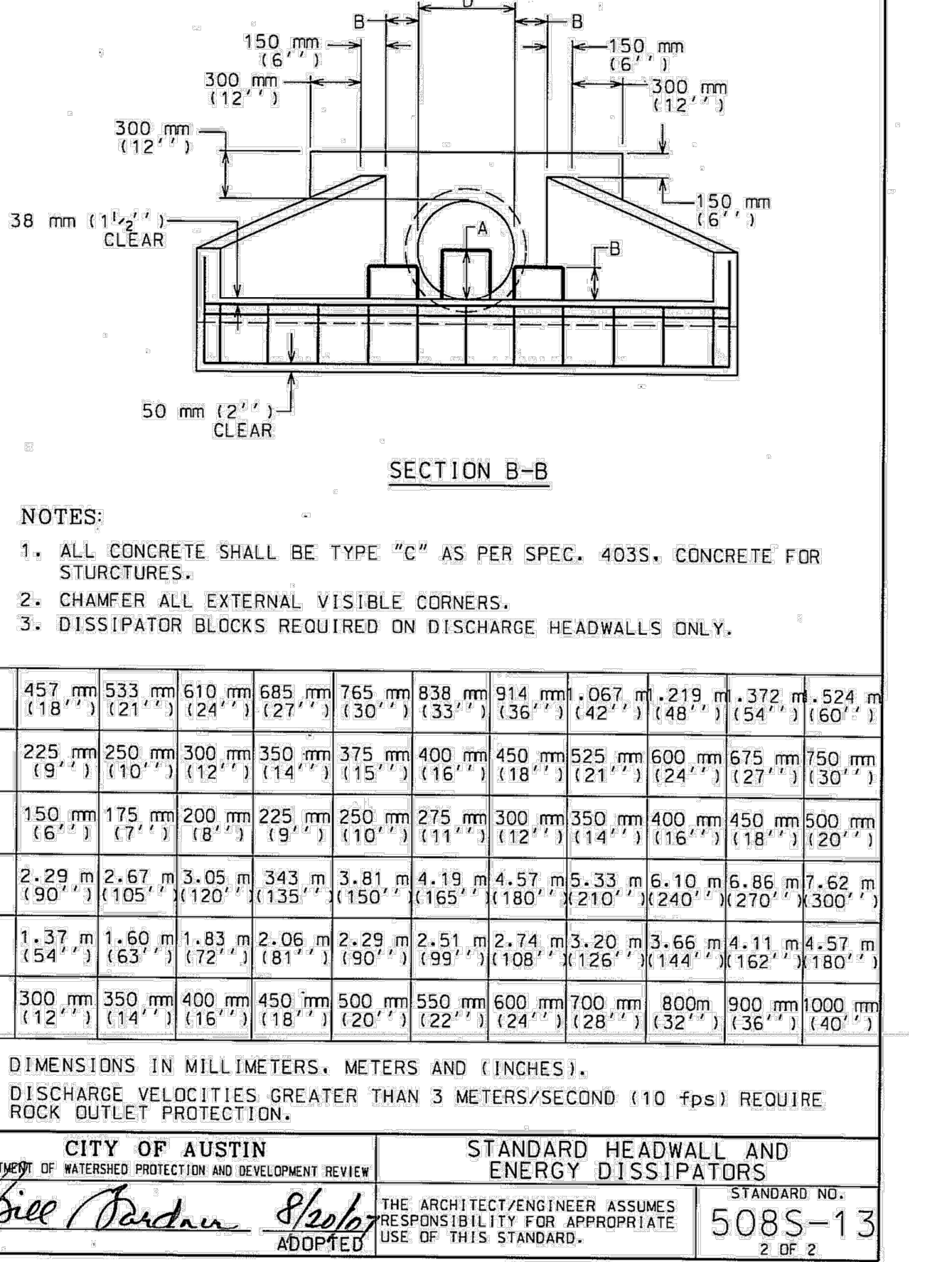
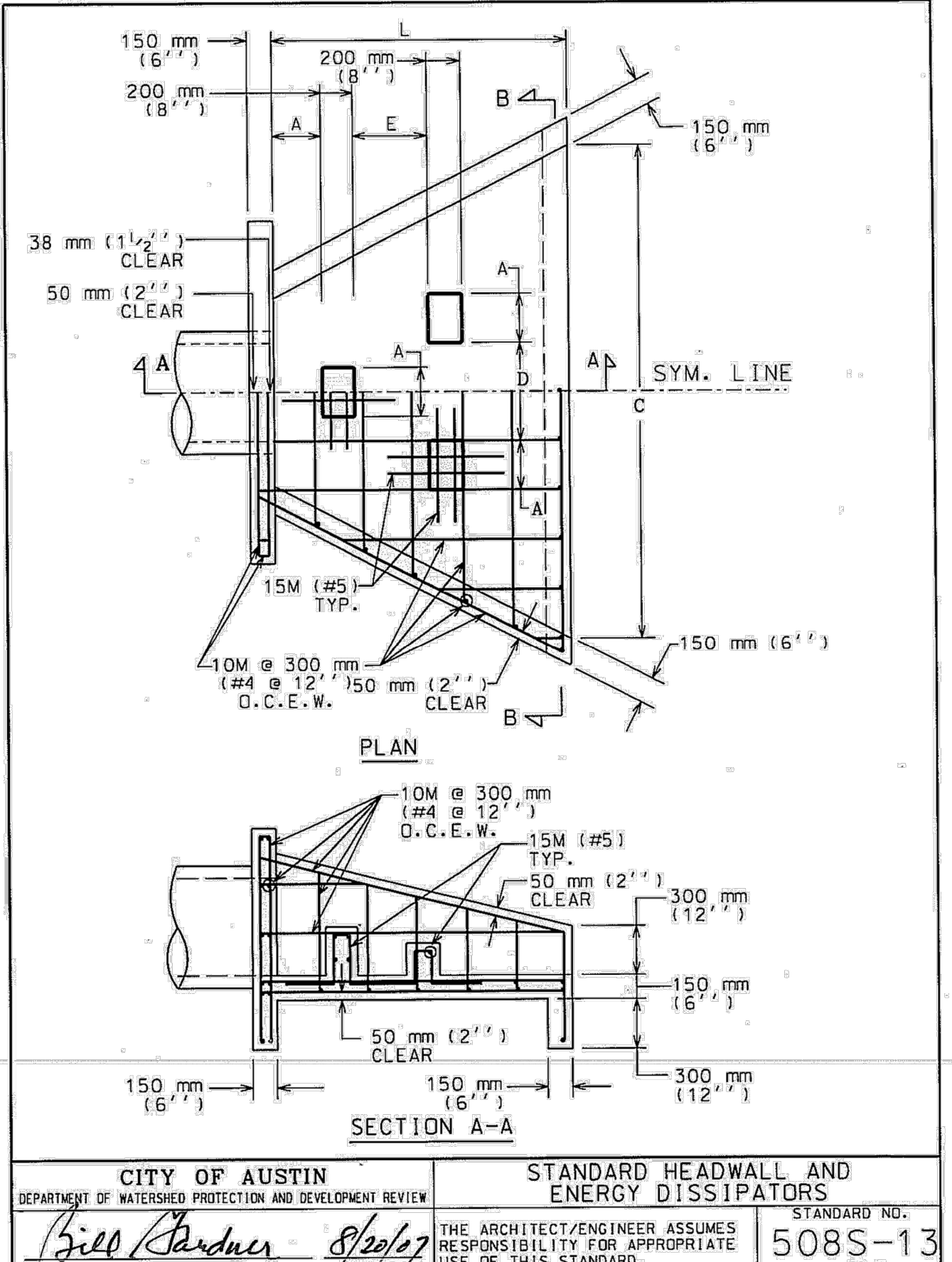
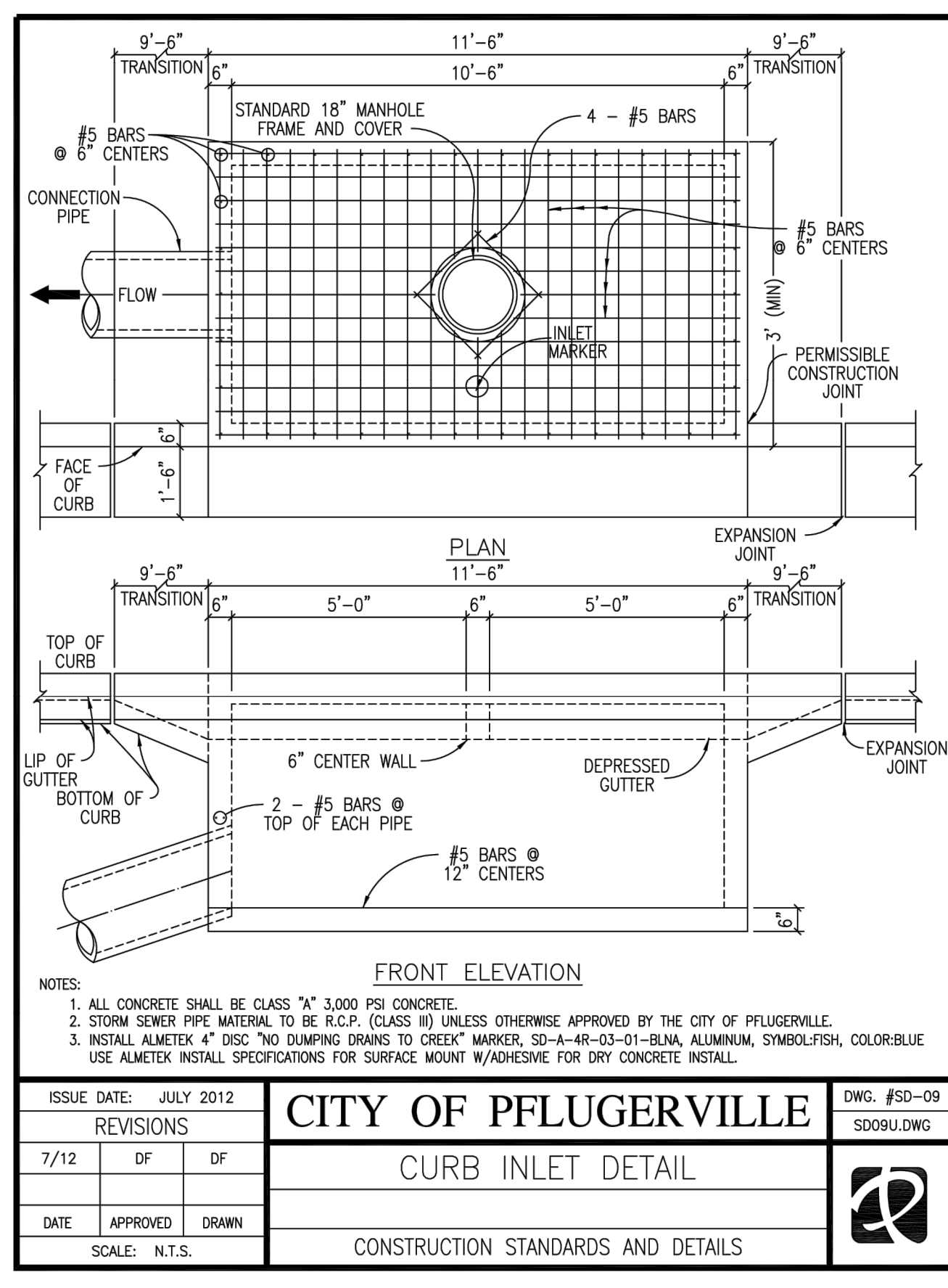
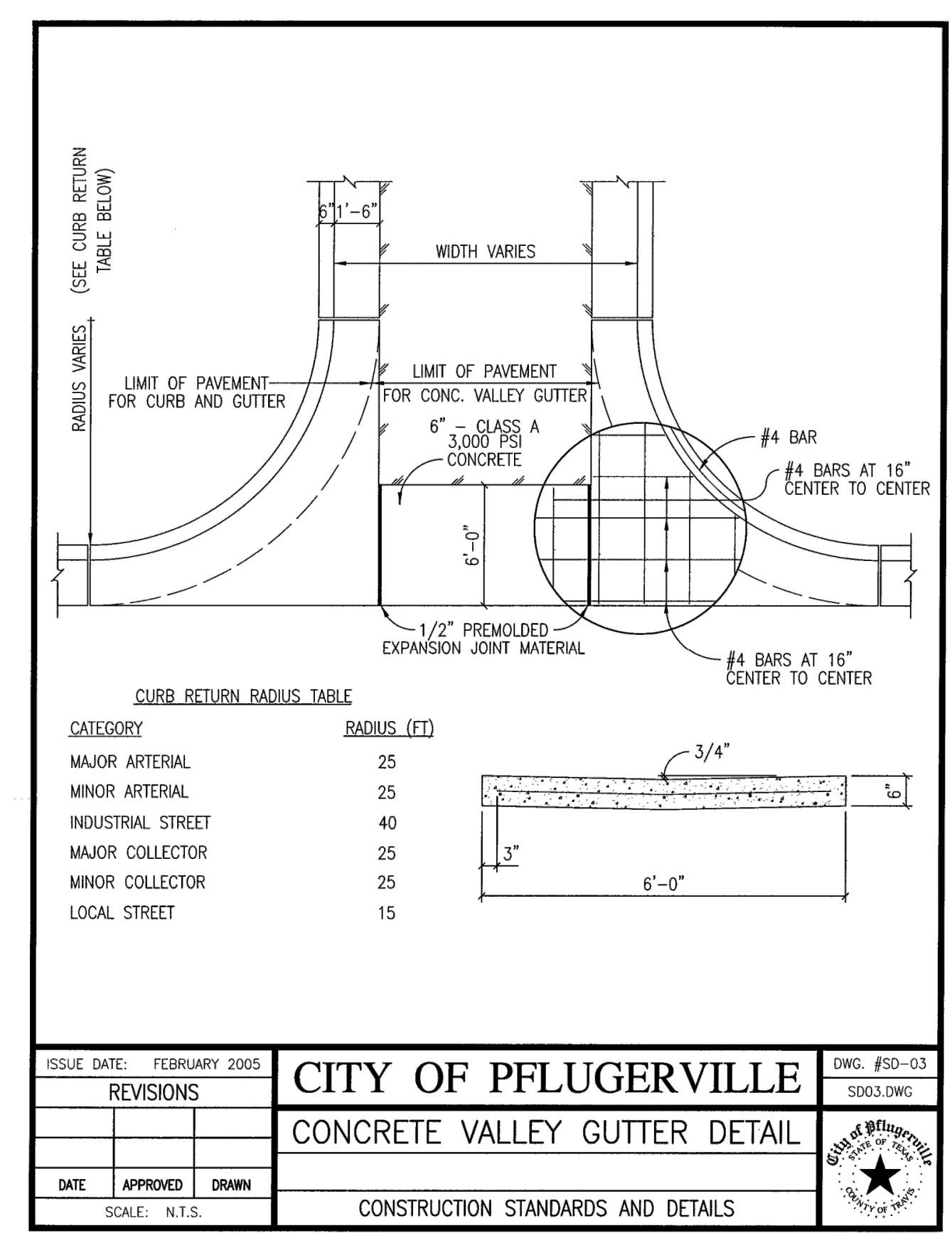
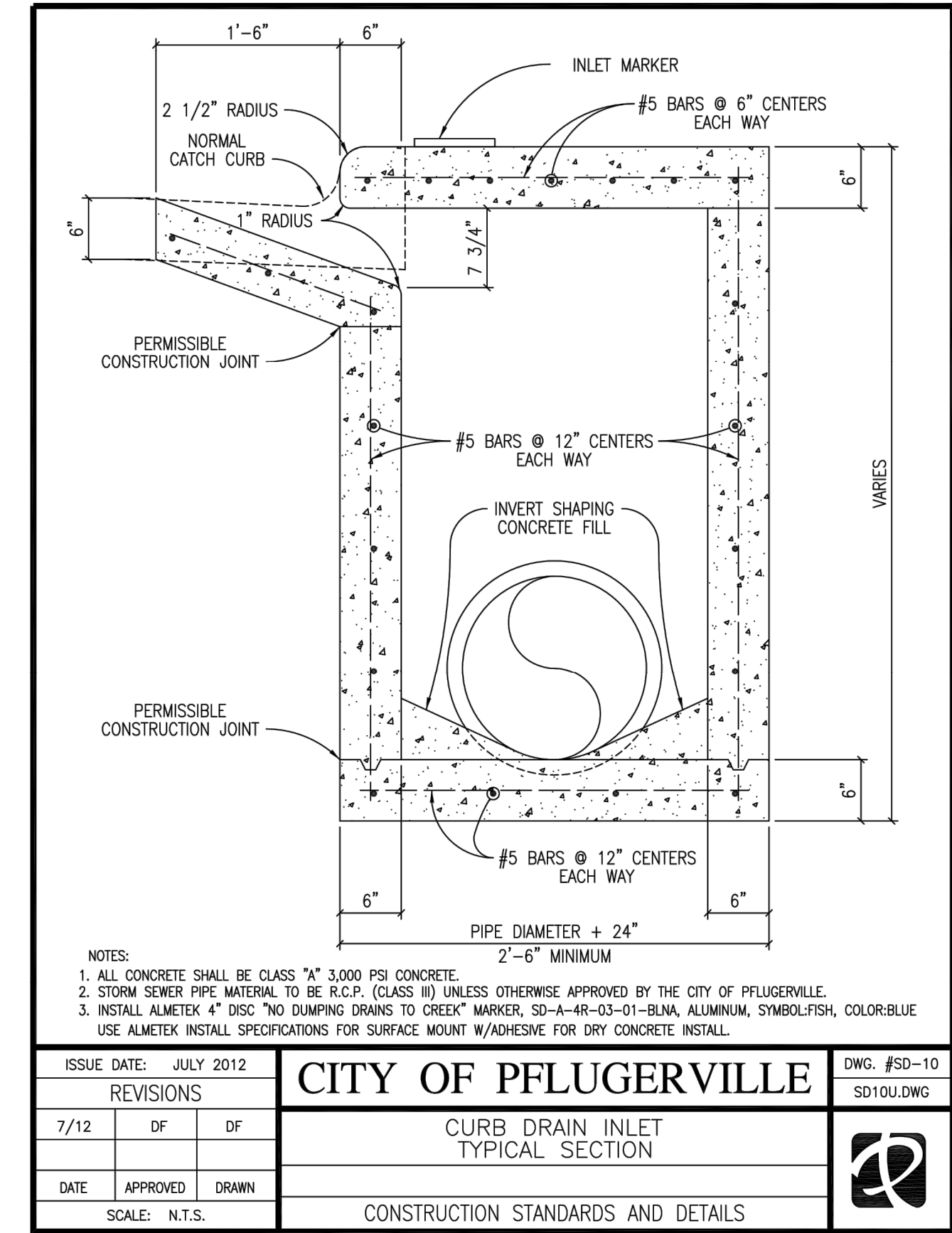
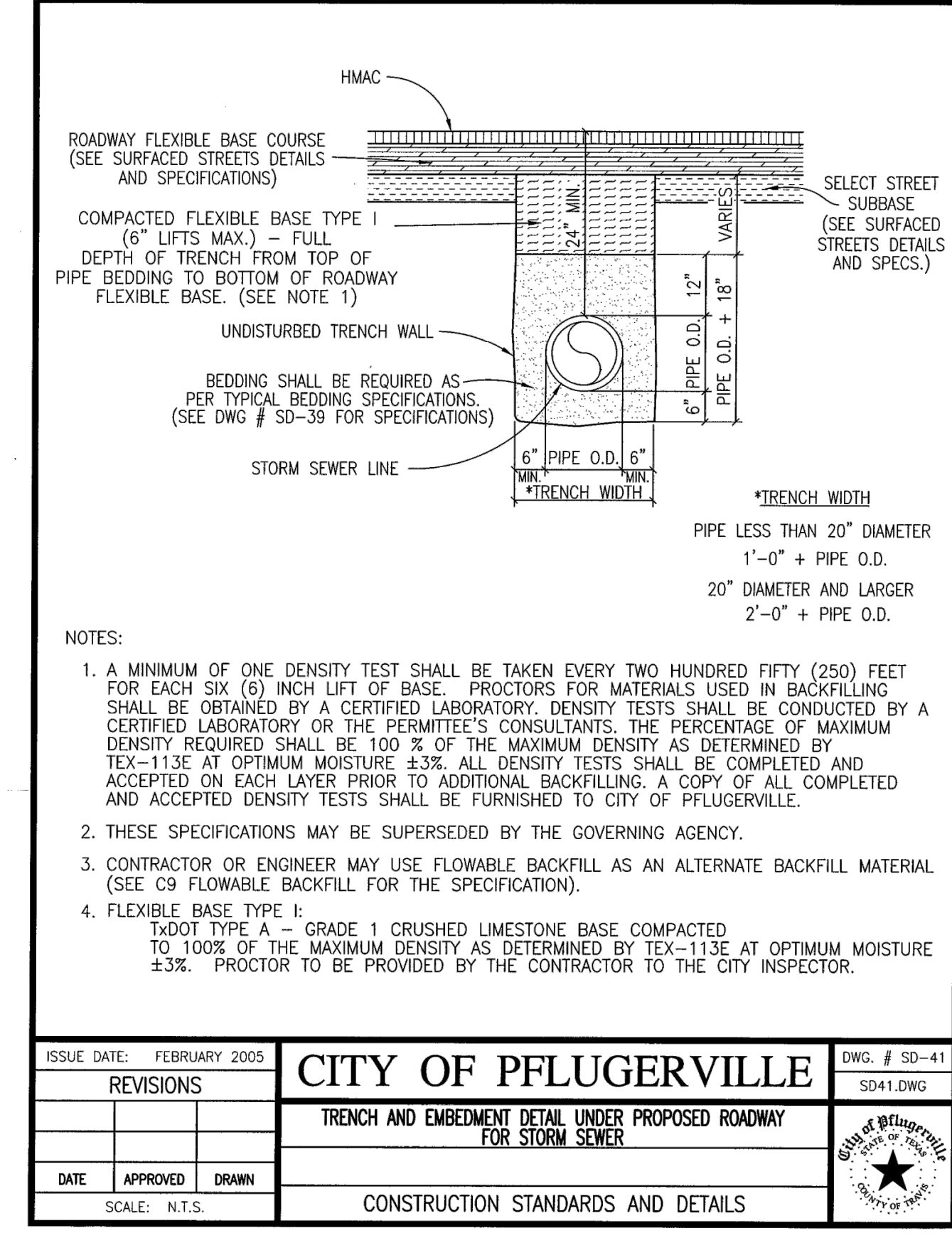
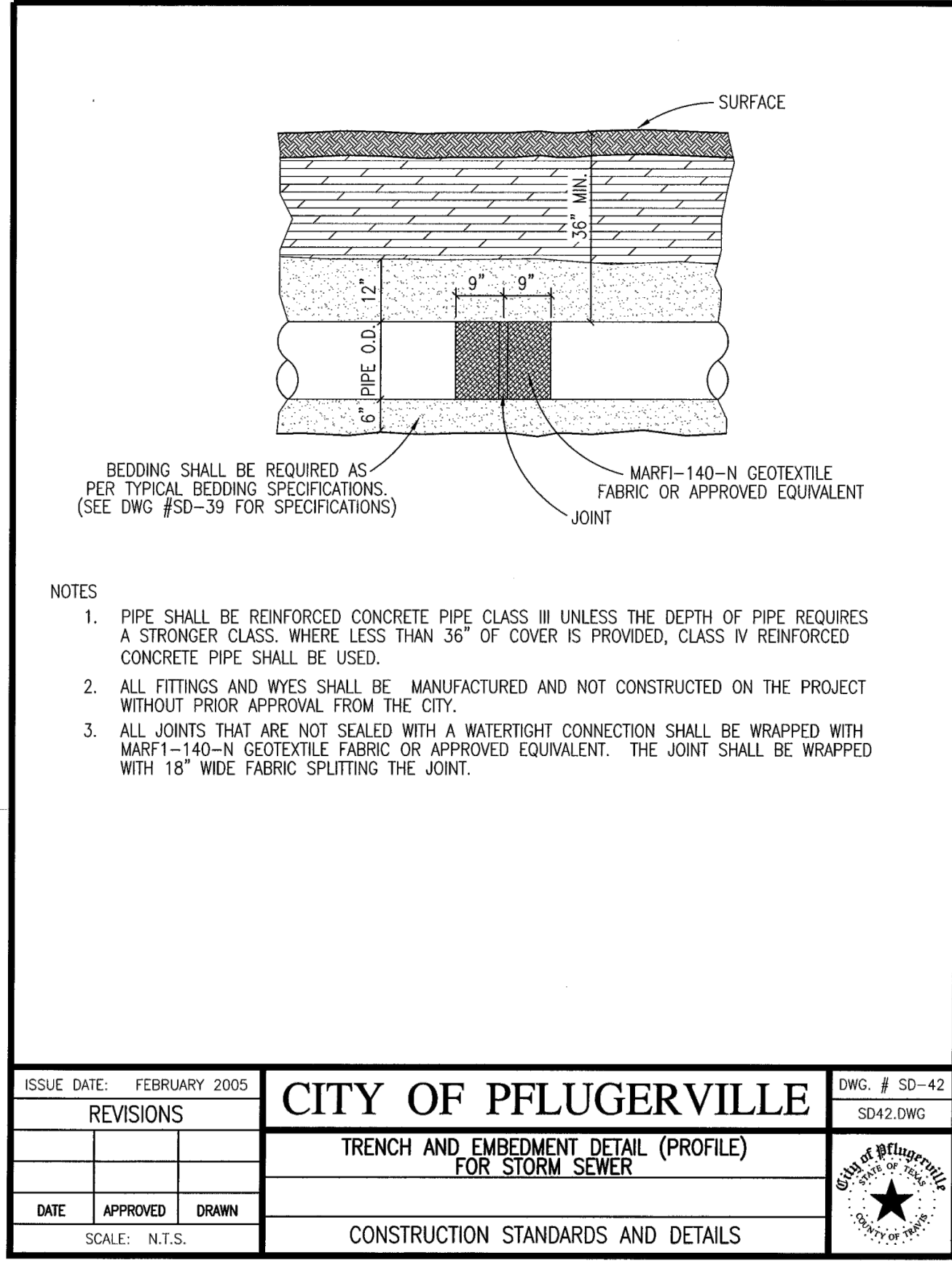
Kimley-Horn
 10814 JOLLIVILLE ROAD, AVALLON IV, SUITE 200, AUSTIN, TX 78759
 PHONE: 512-418-1771 FAX: 512-418-1791
 WWW.KIMLEY-HORN.COM
 © 2021 KIMLEY-HORN AND ASSOCIATES, INC.
 TBE Firm No. 928

KHA PROJECT	068213098
DATE	JULY 2021
SCALE	AS SHOWN
DESIGNED BY	JMA
DRAWN BY	JMA
CHECKED BY	JJK

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

SHEET NUMBER
14

Plotted By: AIVis, Joel Date: July 02, 2021 12:56:53pm File Path: K:\aus_civil\068213098-sparrow_pflugerville\Cad\Roadway\plans\sheet\C-Storm Drain Details.dwg
 This document, together with the concepts and designs presented herein, is an instrument of service, as an instrument of service, and is intended only for the specific purpose and client for which it was prepared. Reuse of and/or improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



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

STORM DRAIN
 DETAILS

REVISIONS
 No. DATE BY

10814 JOLLYVILLE ROAD AVALON IV SUITE 200 AUSTIN, TX 78759
 PHONE: 512-418-1771 FAX: 512-418-1791
 WWW.KIMLEY-HORN.COM
 © 2021 KIMLEY-HORN AND ASSOCIATES, INC.
 TBE Firm No. 928

07/02/2021

KHA PROJECT	068213098
DATE	JULY 2021
SCALE:	AS SHOWN
DESIGNED BY:	JMA
DRAWN BY:	JMA
CHECKED BY:	JKK

SHEET NUMBER
15