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 ("<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 "<u>Church Tract</u>") more particularly described by the subdivision plat approved by P&Z on Febuary 1, 2021 is attached <u>Exhibit "A" (the "Plat").</u> 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 "<u>Road</u>") over and across the Church Tract as shown on the Plat attached as <u>Exhibit A</u> and as described in the City's Transportation Plan (the "<u>Right of Way</u>"). 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 <u>Exhibit "B"</u>.
- 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 <u>Exhibit "D"</u> 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 CITY ON _____, 2021.

[signature pages follow]

CITY OF PFLUGERVILLE, a Texas home-rule city

By: Name: Title:

STATE OF TEXAS § SCOUNTY 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:





068213097

PTF

1" = 100'

ZKP

2/8/2021

2 OF 3

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METES AND BOUNDS DESCRIPTION OF: 8.126 ACRES TRACT OF LAND

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 AND DISTANCES

- 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 3. 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 FOLLOWING TWO (2) COURSES AND DISTANCES:

- 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 1. 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 DISTANCES:

- 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 TRACT.
- 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 AN ANGLE CORNER OF THIS TRACT

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.

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 PFLUGERVILLE, TEXAS 78660

STATE OF TEXAS:

COUNTY OF TV QUL

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED MICHAEL WANKNOWN 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 202, A.D.

(SEAL)

and & Chand NOTARY PUBLIC'S SIGNATURE

TRAVIS COUNTY CLERK RECORDATION CERTIFICATION:



STATE OF TEXAS § COUNTY OF TRAVIS §

I, DANA DEBEAUVOIR, CLERK OF TRAVIS COUNTY, TEXAS, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT OF WRITING AND ITS CERTIFICATE OF AUTHENTICATION WAS FILED FOR RECORD IN MY OFFICE ON THE ______ DAY OF ______ DAY OF ______ DAY OF ______ AD_ AT ______ O'CLOCK _____.M., PLAT RECORDS OF SAID COUNTY AND STATE AS DOCUMENT NUMBER _______ OFFICIAL PUBLIC RECORDS OF TRAVIS COUNTY. WITNESS MY HAND AND SEAL OF OFFICE OF THE COUNTY CLERK, THIS ______ DAY OF _______ DAY OF ______, U A.D. DANA DEBEAUVOIR, COUNTY-CLERK TRAVIS COUNTY, TEXAS Omnonth SAMANT _O'CLOCKP.M., THIS THE 1ST DAY OF JUNE FILED FOR RECORD AT 1.11 , 20 21 A.D DANA DEBEAUVOIR, COUNTY CLERK TRAVIS COUNTY, TEXAS monte-DEPUTY SAMANTHA SURVEYOR'S CERTIFICATION: STATE OF TEXAS § COUNTY OF TRAVIS §

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.

NL FEBRUARY 6, 2021

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:

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

FEBRUARY 6, 2021 JUSTIN KRAMER, P.E. 107368



ZACHARY K. PETRUS

6769

SUR

GENERAL NOTES:

- THIS PLAT LIES WITHIN THE CITY OF PFLUGERVILLE. 1.
- 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.
- 3. 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 APPROVED BY THE CITY.
- 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.
- 8. 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 YEAR STORM EVENTS
- 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.
- 23. THE PROPERTY OWNER'S AGREEMENT HAS BEEN ESTABLISHED BY DOCUMENT NO. 2021 2060 FTHE OFFICIAL PUBLIC RECORDS OF TRAVIS COUNTY, TEXAS.
- 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.

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		C	URVE TA	BLE			LINE TAE	BLE		LINE TAB	ILE			LINE TAB	LE		HILL CO	DUNTR	BIBLE	CHURC	Η
NO.	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD	NO.	BEARING	LENGTH	NO	BEARING	LENGTH		NO.	BEARING	LENGTH			SUBD	IVISION	J	
C1	14°16'27"	2050.22'	510.77'	S49°33'04"E	509.45'	L1	S42°24'50"E	96.86'	L9	N62°21'31"W	50.00'		L17	N27°28'27"E	95.28'			REING 48	126 ACP	-	
C2	3°59'23"	1172.39'	81.64'	S60°29'01"E	81.62'	L2	S42°24'50"E	45.17'	L10	S42°19'48"E	74.34'		L18	N30°49'24"E	100.17'			DLING 40			ACT
C3	18°11'47"	835.00'	265.19'	N53°15'58"W	264.07'	L3	S48°32'42"E	27.32'	L11	S47°35'10"W	148.79'		L19	N27°28'27"E	95.27'						
C4	19°54'04"	319.75'	111.06'	N37°37'11"E	110.50'	L4	S61°57'43"E	89.08'	L12	N42°19'48"W	50.00'		L20	N47°35'07"E	208.75'			2004004265			
C5	19°56'12"	294.19'	102.36'	N37°37'18"E	101.85'	L5	S28°09'11"W	53.68'	L13	S47°35'10"W	148.72'							HAMBERS S	URVEY ARS	STRACT 7	
C6	19°55'57"	269.25'	93.67'	S37°37'11"W	93.20'	L6	S26°39'20"W	61.52'	L14	S27°40'34"W	81.96'						JOHN VA	AN WINKLE S	URVEY, ABS	STRACT 786	
C7	14°53'51"	2120.52'	551.36'	N49°58'17"W	549.81'	L7	N62°19'27"W	13.57'	L15	N62°31'44"W	8.83'						AND TH	E E. BEBEE	SURVEY. AB	STRACT 53	
C8	7°03'23"	2120.52'	261.15'	N60°56'54"W	260.99'	L8	N62°19'27"W	85.76'	L16	N62°31'44"W	72.50'						CITY OF PR	LUGERVILLI	E, TRAVIS C	OUNTY, TEXAS	5
								1								10814 Jo Suite 200	lyville Road, Ca , Austin, Texas	npus IV, 78759 FIRM	» H	Tel. No. (512) 418 www.kimley-horn	3-1771 .com
					C Kimley-H A	Copyright @ lorn and As	2021 ssociates, Inc. No	o. DATI	E	REVISION	DESCRI	PTIC	DN			<u>Scale</u> N/A	<u>Drawn by</u> PTF	<u>Checked by</u> ZKP	<u>Date</u> 2/8/2021	<u>Project No.</u> 068213097	<u>Sheet No.</u> 3 OF 3

KIMLEY-HORN & ASSOCIATES, INC 10814 JOLLYVILLE ROAD BUILDING IV, SUITE NO. 200 AUSTIN, TEXAS 78759 PHONE: (512) 418-1771

DYYYOMUL

FILED FOR RECORD AT 1. DANA DEBEAUVOIR, COUNTY CLERI

TRAVIS COUNTY, TEXAS

CITY CERTIFICATION APPROVED THIS _ DAY OF FEB. 22, BY THE PLANNING AND ZONING COMMISSION OF THE CITY OF PFLUGERVILLE, TEXAS, ON BEHALF OF THE CITY. Robert Olome

DAY OF JUNE

ΓΙΝΔΙ ΡΙΔΤ

, 20 ZI A.D.

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

ABOVE. EMILY BARRON, RLANNING DIRECTOR	
ATTEST:	
TRAVIS COUNTY CLERK RECORDATION CERTIFICATION	3-3-7-7-8 3-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
I, DANA DEBEAUVOIR, CLERK OF TRAVIS COUNTY, TEXAS, DO HEREBY CEF CERTIFICATE OF AUTHENTICATION WAS FILED FOR RECORD IN MY OFFICE 20 A.D. AT 2	RTIFY THAT THE FOREGOING INSTRUMENT OF WRITING AND ITS ON THE DAY OF DRDS OF SAID COUNTY AND STATE AS DOCUMENT NTY.
WITNESS MY HAND AND SEAL OF OFFICE OF THE COUNTY CLERK, THIS 20A.D.	IST DAY OF JUNE.
DANA DEBEAUVOIR, COUNTY CLERK TRAVIS COUNTY, TEXAS	
Sommand Jours SAMANTHA LOPEZ	COUNT STOC

O'CLOCK THIS THE

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.

- 1. ALL TESTING SHALL BE DONE BY AN INDEPENDENT LABORATORY AT THE EXPENSE OF THE CONTRACTOR OR OWNER. ANY TESTING SHALL I 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 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 STEEL TO BE ASTM A615-60.
- 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. 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.
- 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))

Fax No. (512) 418-1791

- 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)

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, AVALLON IV, SUITE 200 AUSTIN TEXAS 78759 CERTIFICATE OF REGISTRATION #928 CONTACT: JUSTIN J. KRAMER , P.E.

ELECTRIC PROVIDER ONCOR ELECTRIC DELIVERY COMPANY LLC

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

NO.	



NOTES:

- FACILITIES, AND RELATED APPURTENANCES
- 1203-15-02-24 AND CITY RESOLUTION # 1224 -09-08-25-8A
- MANUAL
- CITY OF PFLUGERVILLE.

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:

CITY APPROVED REVISION & CORRECTIONS										
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	TF C/ C0			
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A 48.126 ACRES (2,096,366 SQUARE FEET) TRACT OF LAND, BM #50010 TED IN THE SURVEY, ABSTRACT 482, CITY OF PFLUGERVILLE, MAG NAIL SET IN CONCRETE IN SOUTHERLY S COUNTY, TEXAS AND BEING COMPRISED OF A PORTION OF A RIGHT OF WAY OF PFLUGERVILLE PARKWAY D 48.69 ACRE TRACT OF LAND BEING DESCRIBED TO HILL APPROXIMATELY 190 FEET SOUTHEAST OF A 1 IRON ROD WITH CAP AT THE NORTHWEST TRY BIBLE CHURCH PFLUGERVILLE AS SHOWN ON INSTRUMENT CORNER OF TRACT 1. RDED IN DOCUMENT NO. 2004004265 OF THE OFFICIAL PUBLIC N[.] 10142867 2180' RDS OF TRAVIS COUNTY, TEXAS. E: 3149521.2090' ELEV. 769.60'

EARINGS SHOWN HEREIN ARE BASED ON THE TEXAS STATE DINATE SYSTEM GRID, CENTRAL ZONE (FIPS 4203) (NAD'83), AS RMINED BY THE GLOBAL POSITIONING SYSTEM (GPS) POST PROCESSING STANCES SHOWN HEREIN ARE ON THE SURFACE INVERT SURFACE DISTANCES TO THE GRID. APPLY THE INED SURFACE TO GRID SCALE FACTOR OF 0.999893188. NIT OF LINEAR MEASUREMENT IS U.S. SURVEY FEET.

1. 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 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 UTILIT

4. A 10' WIDE VELOWAY SHALL BE CONSTRUCTED WITH PHASE I OF THE SUBDIVISION 5. THIS SUBDIVISION IS SUBJECT TO ALL CITY OF PFLUGERVILLE ORDINANCES OF TECHNICAL MANUALS RELATED TO TREE PRESERVATION PER CITY ORDINANCE #

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

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

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

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.



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

BM #50013 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'

		10814		
PRE F t for cons t for cons inneer JUS No. 1223	COR R struct nle STIN J 309	EVIEW ion or . KRA	NA / ONLY permi > H MER tte 7/2/	t purp
DATE		SCALE: AS SHOWN	DESIGNED BY: JMA	DRAWN BY: JMA
		COVER SHEEL		
WILKE RIDGE LANE			CITY OF PFLUGERVILLE	TRAVIS COUNTY, TEXAS
SHE	ET	νυ 1	MBE	ĒR
	MILKE RIDGE LANE	MILKE RIDGE LANE	MILKE RIDGE LANE MILKE RIDGE LANE Date: ASSHOWN Date: ASSHOWN	The function of the second sec

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 ENGINEER. 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: 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. ELEVATION = 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. **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 SITE. 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 A615-60.
- 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
 - 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 SD1.08(E)(2))
- CORES FOR DENSITY (CITY OF PFLUGERVILLE SPECIFICATION SD1.08(E)(2))

CONCRETE TESTING 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

MOISTURE DENSITY RELATIONSHIP (PROCTOR) (CITY OF PFLUGERVILLE

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 LINES.

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 NOTES

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 CI DIVISION.
- 4. DEMOLISH EXISTING MEDIAN, CURBS AND GUT
- 5. BEGIN INSTALLATION OF UTILITY LINES. UPON (DISTURBED AREA AS POSSIBLE, PARTICULARL AREAS.
- 6. RE-GRADE STREETS TO SUBGRADE.
- 7. ENSURE THAT ALL UNDERGROUND UTILITY CRO ARE COMPLETED. LAY FIRST COURSE BASE MA
- 8. INSTALL CURB AND GUTTER.
- 9. LAY FINAL BASE COURSE ON ALL STREETS
- 10.LAY ASPHALT.
- 11.COMPLETE ALL UNDERGROUND INSTALLATIONS

12.COMPLETE FINAL GRADING AND RESTORATION

13.COMPLETE PERMANENT EROSION CONTROL AN VEGETATION.

14. REMOVE AND DISPOSE OF TEMPORARY EROSIO GIVEN BY CITY STORMWATER SPECIALIST, CITY ENGINEERING INSPECTOR.

15. COMPLETE ANY NECESSARY FINAL DRESS UP C

16.CONTRACTOR TO SCHEDULE FINAL WALK THOR ENGINEER ONCE ENGINEERING INSPECTOR HAS

UNDERGROUND UTILITY NOTES

- 1. ALL NEW TELECOMMUNICATION UTILITY LINES LATERAL AND SERVICE LINES AND WIRES SHAL **EXCEPT AS OTHERWISE HEREIN PROVIDED. ALL** INSTALLED OUTSIDE OF THE CITY OF PFLUGERW UTILITY EASEMENT (P.U.E.) OR SPECIFIC USE EA
- 2. WHERE ELECTRICAL SERVICE IS TO BE PLACED SERVICE LINES FOR STREET OR SITE LIGHTING UNDERGROUND.
- 3. ALL ELECTRICAL, CABLE TELEVISION, AND TEL (TRANSFORMERS, AMPLIFIERS, SWITCHING DEV UNDERGROUND INSTALLATIONS IN SUBDIVISION PLACED UNDERGROUND IN A PUBLIC UTILITY EA RIGHT-OF-WAY.
- 4. NOTHING HEREIN SET FORTH SHALL PROHIBIT COMPANY FROM RECOVERING THE DIFFERENCE **OVERHEAD FACILITIES AND UNDERGROUND FAC** REQUIRED TO REIMBURSE THE UTILITY COMPA
- 5. EACH UTILITY COMPANY WHOSE FACILITIES ARE THIS ORDINANCE SHALL DEVELOP POLICIES AN PROCEDURES WITH RESPECT TO THE INSTALLA UNDERGROUND SERVICE.
- 6. TELEPHONE AND CABLE TELEVISION LINES MAY WHERE MISCELLANEOUS DESIGN (REVISED 02/2 **OVERHEAD ELECTRIC UTILITY LINES ARE PERM**
- 7. NOT WITHSTANDING THE PROVISIONS OF THIS CONSTRUCTION SERVICE MAY BE PROVIDED BY **FACILITIES WITHOUT OBTAINING A VARIANCE OI** PROVISIONS HEREOF.
- 8. ALL UTILITY INSTALLATIONS REGULATED BY TH SHALL CONFORM WITH ALL CITY OF PFLUGERVI **REGULATIONS, AS WELL AS THE REGULATIONS** APPLICABLE UTILITY COMPANIES.

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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

12 ALL STAGING STOCKPILES SPOIL AND STORAGE SHALL BE LOCATED SUCH THAT THEY WILL NOT ADVERSELY AFFECT STORM WATER QUALITY

13. CONTRACTORS SHALL INSPECT ALL EROSION CONTROL DEVICES, BMPS, DISTURBED AREAS, AND VEHICLE ENTRY AND EXIT AREAS WEEKLY AND

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

APPLICABLE, TO VERIFY THAT THE DEVICES AND EROSION CONTROL PLAN ARE FUNCTIONING PROPERLY.

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

ANTICIPATED OR SHOWN ON THE EROSION CONTROL PLAN.

AN APPROPRIATE BARRIER.

INGRESS/EGRESS

PROTECTIVE MEASURES SHALL BE PROVIDED IF NEEDED TO ACCOMPLISH THIS REQUIREMENT, SUCH AS COVERING OR ENCIRCLING THE AREA WITH PAV ALL PAVING MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS, THE CITY STANDARD DETAILS AND SPECIFICATIONS, THE 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/DETAIL SHALL BE FOLLOWED 2. ALL PRIVATE ON-SITE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION)

15. SITE ENTRY AND EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING AND FLOWING OF SEDIMENT AND DIRT ONTO GEOTECHNICAL REPORT, THEN THE MORE RESTRICTIVE SHALL BE FOLLOWED. 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 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 AND CITY STANDARDS. IF NO ENGINEERING DESIGN HAS BEEN PROVIDED FOR A SEDIMENTATION BASIN ON THESE PLANS, THEN THE CONTRACTOR THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS. 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 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. 21. TEMPORARY SEEDING OR OTHER APPROVED STABILIZATION SHALL BE INITIATED WITHIN 14 DAYS OF THE LAST DISTURBANCE OF ANY AREA, UNLESS

23. UPON COMPLETION OF FINE GRADING. ALL SURFACES OF DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED. STABILIZED WHEN HOUSING ACT DESIGN MANUAL BY THE US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT 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

RACTOR SHALL COMPLY WITH ALL TCEQ AND EPA STORM WATER POLLUTION PREVENTION REQUIREMENTS.

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.

7. A NOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO TCEQ BY ANY PRIMARY OPERATOR WITHIN 30 DAYS AFTER ALL SOIL DISTURBIN 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

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. 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.

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 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

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 . 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 CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN CASE OF DISCREPANCY 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

9. ALL GRADING AND EARTHWORK SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING SUBSEQUENT

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 EROSION 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

RING AND SURVEYING FOR LINE AND GRAD REGULATIONS. THE CONTRACTOR SHALL KEEP A RECORD OF WHERE EXCESS EXCAVATION WAS DISPOSED, ALONG WITH THE RECEIVING

14. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF TOPSOIL AT THE COMPLETION OF FINE GRADING. CONTRACTOR SHALL REFER 15. CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION. INCLUDING MAINTAINING EXISTING DITCHES OR

SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT 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

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

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

PROPOSED BUILDING(S) DURING GRADING OPERATIONS AND IN THE FINAL CONDITION. IF THE CONTRACTOR OBSERVES THAT THIS WILL NOT BE 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. 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. 28.EXISTING TREE LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL REPORT ANY DISCREPANCIES FOUND IN THE FIELD 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

30. TREE PROTECTION MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY STANDARD TREE PROTECTION DETAILS AND THE APPROVED 32.NO TREE SHALL BE REMOVED UNLESS A TREE REMOVAL PERMIT HAS BEEN ISSUED BY THE CITY, OR CITY HAS OTHERWISE CONFIRMED IN WRITING

33.NO TREE SHALL BE REMOVED OR DAMAGED WITHOUT PRIOR AUTHORIZATION OF THE OWNER OR OWNER'S REPRESENTATIVE. EXISTING TREES SHALL 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

ETAINING WALLS SHOWN ARE FOR SITE GRADING PURPOSES ONLY, AND INCLUDE ONLY LOCATION AND SURFACE SPOT ELEVATIONS AT THE TOP

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.

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

5 CONTRACTOR IS RESPONSIBLE FOR ALL PAVING AND PAVING SUBGRADE TESTING AND CERTIFICATION. UNLESS 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

7. 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

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. 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. 11 ANY COMPONENTS OF THE PROJECT SUBJECT TO RESIDENTIAL USE SHALL ALSO CONFORM TO THE FAIR HOUSING ACT, AND COMPLY WITH THE FAIR

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. CONSTRUCTION (IF APPLICABLE), OR IF UTILIZING ELECTRONIC SUBMITTAL, PRIOR TO COMMENCING CONSTRUCTION. ALL PRIMARY OPERATORS SHALL 20. ALL SAWCUTS SHALL BE FULL DEPTH FOR PAVEMENT REMOVAL AND CONNECTION TO EXISTING PAVEMENT. 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 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. 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 NOI, SITE 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 ROUTES, 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

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 ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA AND TAS SLOPE COMPLIANCE ISSUES. STORM DRAINAG

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

SEWER OTHERS, SHOWS ALL IMPROVEMENTS AND UTILITIES, THAT THE IMPROVEMENTS AND UTILITIES ARE SHOWN ACCURATELY, OR THAT THE UTILITIES 3. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING STORM SEWER FACILITIES 3. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING STORM SEWER FACILITIES 3. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING STORM SEWER FACILITIES 3. THAT ARE TO BE CONNECTED TO, PRIOR TO START OF CONSTRUCTION OF ANY STORM SEWER, AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED

. 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 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 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.

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**

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. 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.

POND NOTES: 1. ANY PONDS THAT ARE INTENDED TO HOLD WATER INDEFINITELY SHALL BE CONSTRUCTED WATERTIGHT.

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 SPECIFICATIONS 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 OUTFAIL 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. BACKFILL 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.

ATER AND WASTEWATER

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 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 AND WASTEWATER IMPROVEMENTS. 6. ALL PUBLIC WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO CITY PUBLIC WORKS STANDARE DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS

. ALL PRIVATE WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING CODE. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS. 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 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. 1. CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL WATER AND WASTEWATER LINES. 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

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 TCEO 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 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 FINISHED GRADE . 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

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 OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY 30. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER

ABBREVIA	TIONS AND DEFINITIONS:	
A ADA AWWA B-B	AREA AMERICANS WITH DISABILITIES ACT AMERICAN WATER WORKS ASSOCIATION BACK TO BACK	
BC BC BCR BMP	BEGIN CURVE BACK OF CURB BEGIN CURB RETURN BEST MANAGEMENT PRACTICE	
BOC BVCE	BACK OF CURB BEGIN VERTICAL CURVE ELEVATION	
BVCS BW CFS	BEGIN VERTICAL CURVE STATION BOTTOM OF WALL CUBIC FEET PER SECOND	
CITY C/L	CITY, TOWN, OR OTHER APPLICABLE LOCAL GOVERNMENT JURISDICTION CENTERLINE	
CL CONC	CENTERLINE CONCRETE	
DEMO DG	DEMOLITION DECOMPOSED GRANITE	
DTL EA	DETAIL EACH	⊥ ∠
EC ECR EG	END CURVE END CURB RETURN EXISTING GROUND	
EL ELEC	ELEVATION ELECTRICAL / ELECTRICITY	0 AU -1791 S, ING
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EVCE EVCS	END VERTICAL CURVE ELEVATION END VERTICAL CURVE STATION	SUIT SUIT 512- SSOC
EX. F-F	EXISTING FACE TO FACE	
⊦G FH FI	FINISHED GROUND FIRE HYDRANT FLOW LINE	771 H EY-H
FOC FT	FACE OF CURB FEET	HAP
HGL KH	HYDRAULIC GRADE LINE KIMLEY-HORN AND ASSOCIATES, INC.	ROAI WWW
KHA LAT	KIMLEY-HORN AND ASSOCIATES, INC. LATERAL LINEAR FEET	
LT MAX	LEFT MAXIMUM	
ME MH	MATCH EXISTING ELEVATION MANHOLE	
MIN NO	MINUTE / MINIMUM NUMBER NOTICE OF INTENT REF. TOEO GENERAL REPAIL	108
NOT NTS	NOTICE OF TERMINATION, REF. TOEQ GENERAL PERMIT NOTICE OF TERMINATION, REF. TOEQ GENERAL PERMIT NOT TO SCALE	
OC OFF	ON CENTER OFFSET	
OSHA PC PCC	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION POINT OF CURVATURE PORTLAND CEMENT CONCRETE / POINT OF COMPOUND CURVATURE	PRELIMINARY FOR REVIEW ONLY Not for construction or permit purposes
PGL PI	PROPOSED GRADE LINE POINT OF INFLECTION	Kimley »Horn
PROP PRC	PROPOSED POINT OF REVERSE CURVATURE	Engineer JUSTIN J. KRAMER P.E. No. <u>122309</u> Date 7/2/21
PSI PT PVC	POUNDS PER SQUARE INCH POINT OF TANGENCY POLYVINYL CHLORIDE	07/02/2021
PVI PVMT	POINT OF VERTICAL INFLECTION PAVEMENT	
RCP ROW	REINFORCED CONCRETE PIPE RIGHT OF WAY	JM/ JM/ JM/
RT SF SS	RIGHT SQUARE FEET SANITARY SEWER	PRO. 32130 32130 AS 5 AS 5 AS 5 AS 5 AS 5
SSMH STA	SANITARY SEWER MANHOLE STATION	KHA 066 JUI ALE: 3IGNEI SIGNEI
STD SY	STANDARD SQUARE YARD	DR. SC
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TEMP TXDOT	TEMPORARY TEXAS DEPARTMENT OF TRANSPORTATION	S S
TXMUTCD TW	TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES TOP OF WALL	ļΖŬ
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	3.09 3.55 4.03	4.05 4.67 5.31	4.98 5.75 6.53	6.40 7.40 8.38	7.63 8.84 9.98	9.04 10.49 11.82	10.66 12.41 13.97	13.07 15.31 17.22	G DRAIN	
V (fp: 1.2	s) a (ft^ 44.1	CHANNEL F Channel FI ²) Pw (ft) 24.3 1.	FLOW ow 1 r n \$ 81 0.200	6 (ft/ft) Tt(m 0.012 9.2	TOTAI (mi in) 5 33.	L Tc** Q ₂ in) (cfs) 48 22.0	Q10 ((cfs) (51.25 73	Q ₂₅ Q ₁₀₀ cfs) (cfs) 3.39 117.56	EXISTIN	
			Land Use	/ A			CN	Weighted CN	щО NO	_
Weed- ious A	Grass Mi reas	xture (Fair Co	E) ondition)	(-A	BM #50010 MAG NAIL RIGHT OF APPROXIM IRON ROD CORNER O N: 10142867 E: 3149521. ELEV. 769.67 BM #50013 MAG NAIL V RIGHT OF APPROXIM $\frac{1}{2}$ " IRON RO	88.0% 12.0% ENCHN SET IN CON WAY OF PF ATELY 190 FE WITH CAP F TRACT 1. 7.2180' 2090' 30' WITH WASHE WAY OF E ATELY 180 F DD WITH CA	77 98 MARK CRETE IN S LUGERVILLE EET SOUTHE AT THE N R ON NORTH ELACK LOCK EET NORTH P AT THE S	79.52 SOUTHERLY PARKWAY AST OF A ¹ / ₂ " ORTHWEST HEASTERLY JST DRIVE, WEST OF A SOUTHEAST	WILKE RIDGE LAN WILKE RIDGE LAN ROADWAY EXTENSI CITY OF PFLUGERVILLE TRAVIS COUNTY, TEXAS	
					CORNER O N: 10140830 E: 3149414. ELEV: 743.3	F TRACT 1. 0.1640' 3060' 31'			8	

Soil Type	Land Use	CN	Weighted			
991 693	D-A			CN		
	Brush-Weed-Grass Mixture (Fair Condition)	20.0%	77			
D	Impervious Areas	80.0%	98	93.8		
	D-B		I			
6	Brush-Weed-Grass Mixture (Fair Condition)	20.0%	77			
D	Impervious Areas	80.0%	98	93.8		
	D-C					
D	Brush-Weed-Grass Mixture (Fair Condition)	40.0%	77	00.0		
D	Impervious Areas	60.0%	98	89.6		
	D-D					
D	Brush-Weed-Grass Mixture (Fair Condition)	20.0%	77	02.0		
D	Impervious Areas	80.0%	98	93.8		
	D-E					
D	Brush-Weed-Grass Mixture (Fair Condition)	77	00.0			
D	Impervious Areas	55.0%	98	88.6		
	D-F					
D	Brush-Weed-Grass Mixture (Fair Condition)	77	20 C			
U	Impervious Areas	98	69.0			
	D-G					
D	Brush-Weed-Grass Mixture (Fair Condition)	35.0%	77	00.7		
D	Impervious Areas	65.0%	98	90.7		
	D-H					
Γ	Brush-Weed-Grass Mixture (Fair Condition)	100.0%	77	77.0		
D	Impervious Areas	98	//.0			
	D-I					
Γ	Brush-Weed-Grass Mixture (Fair Condition)	100.0%	77	77.0		
υ	Impervious Areas	0.0%	98	77.0		

FULLY DEVELOPED TRACT					
Time of Concentration Calcu	ations	- 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)	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

	Tc**	Q ₂	Q ₁₀	Q ₂₅	Q ₁₀₀
DRAINAGE AREA	(min)	(cfs)	(cfs)	(cfs)	(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
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
(Wilke Ridge Lane)	6.00	3.53	6.99	13.12	14.36
-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

	Duration
C	5 min
0	10 min
0	15 min
1	30 min
1	60 min
1	2 hr
2	3 hr
2	6 hr
2	12 hr
3	24 hr

Location	i i	Existing F	low				
Location	2	10	2				
	22.09	51.25	73				
	Fully Developed Trac						
Point of Analysis A	2	10	2				
	81.33	155.93	284				
	Difference (
	2	10	2				
	59.24	104.68	211				
PRE-DEVELOPMENT VS. POST-DEVELOPMENT RUNOFF							

		/		0	GRAPH	100'	200' 0'			REVISIONS DATE BY
				X-1 9.9 ac 5.5 cfs A-1	LEG ARI Q1(INL PR(PR(PR(PR(PR(PR(PR(PR(PR(PR(END EA DESIGNA EA IN ACRES 00 FLOW IN 0 ET NUMBER OPERTY LIN OPOSED STO OPOSED STO OPOSED STO OPOSED STO OPOSED STO OPOSED FLO OPOSED FLO OPOSED CO STING CON	TOR CFS E DRM DRAIN M DRAIN LII AINAGE DIV DRM DRAIN DRM DRAIN DRM DRAIN DRM DRAIN DRM DRAIN DRM DRAIN DRM DRAIN	LINE NE IDE INLET MANHOLE HEADWALL ON	ley » Horn	LLE ROAD AVALLON IV SUITE 200 AUSTIN, TX 78759 : 512-418-1771 FAX: 512-418-1791 WWW.KIMLEY-HORN.COM I KIMLEY-HORN AND ASSOCIATES, INC. TBPE Firm No. 928 No.
<u>C</u> Duration	<u>C</u> / / ITY OF PF	CITY OF PF Average Recu Average Recu FLUGERVI Rainfall Dep -yr 5-yr	LLE ATLA	ILLE IDF val vr 2 vr 2 vr 2 vr 5 vr 6 vr 6 vr 7 vr 7 vr 7 vr 7 vr 7 vr 7 vr 8 S 14 RA verage Recu	CUR a 43.66 45.97 51.35 50.02 57.90 75.82 78.75 79.51 30.44 INFAL urrence 0-yr 1	VE PA 10. 9. 8. 8. 7. 7. 7. 7. 6. 5. 1. DEF Interval 00-yr	RAME b 43 37 44 44 48 79 05 36 57 2THS 200-yr	C 0.7744 0.7472 0.7217 0.7184 0.6998 0.6906 0.6691 0.6418 0.6087	Suborcer State	IOBIA UNIT UNIT UNIT UNIT UNIT UNIT UNIT UNIT
5 min 10 min 15 min 30 min 60 min 2 hr 3 hr 6 hr 12 hr 24 hr	0.44 0. 0.69 0. 0.88 1. 1.25 1. 1.62 1. 1.93 2. 2.10 2. 2.41 3. 2.75 3. 3.14 4.	52 0.66 83 1.05 05 1.31 48 1.84 94 2.43 38 3.04 64 3.41 09 4.05 55 4.67 03 5.31	0.77 1.23 1.54 2.16 2.86 3.65 4.15 4.98 5.75 6.53	0.94 1 1.51 1 1.88 2 2.62 3 3.49 4 4.55 5 5.25 6 6.40 7 7.40 8 8.38 9	08 73 2.15 3.00 4.00 5.32 5.20 7.63 3.84 9.98	1.23 1.97 2.44 3.39 4.55 6.16 7.27 9.04 10.49 11.82	1.38 2.21 2.74 3.82 5.16 7.12 8.49 10.66 12.41 13.97	1.59 2.52 3.16 4.42 6.03 8.52 10.28 13.07 15.31 17.22	AINAGE	
A AREA (AC) 1.40 0.24 1.40 0.24 5.80 0.28 5.80 0.28	IMPERVIOUS COVER (AC) 0.175 0.204 0.204	IMPERVIOUS COVER (%) 73.00% 73.00% 73.00%	WEIGHTED RUNOFF COEFFICIENT 0.92 0.92 0.92 0.92 0.92	TOTAL Tc** (min) 5.00 5.00 5.00 5.00	Q ₂ (cfs) 1.38 1.38 1.61 1.61	Q ₁₀ (cfs) 2.04 2.38 2.38	Q ₂₅ (cfs) 2.50 2.50 2.91 2.91	Q ₁₀₀ (cfs) 3.27 3.82 3.82 3.82	INLET DR	AREA
0.00 0.25 0.00 0.25 0.00 0.28 0.80 0.28 0.80 0.28 DRAINAGE DRAINAGE 0.100 N/A 3.27 10.00 N/A 3.27 10.00 N/A 3.82 10.00 N/A 3.41 10.00 N/A 3.82 10.00 N/A	0.183 0.204 0.50 0.7/A 0.50 0.50 0.7/A 0.50 0.5	73.00% 73.00% 73.00% 73.00% 73.00% CUPENDED CONS CONS CONS CUPEND S .13 10' CUR S .13 10' CUR	0.92 0.92 0.92 0.92 0.92 0.92 0.92 0.92	5.00 6.00 6.00 ADE) ADE) ADE) ADE) ADE) ADE) ADE) ADE) ADE)	BE #50010 G NAIL SE GHT OF W. PROXIMAT DN ROD V RNER OF T 10142867.2 3149521.209 EV. 769.60' #50013 G NAIL WI SHT OF W PROXIMAT RON POD	2.13 2.13 2.38 2.38 2.38 2.38 2.38 2.38 2.38 2.3	2.60 2.60 2.91 2.91 2.91 ARRKS	3.41 3.41 3.82 3.82 3.82 3.82 OUTHERLY PARKWAY AST OF A ¹ / ₂ " ORTHWEST DRTHWEST DRTHWEST ST DRIVE, VEST OF A OUTHEAST	WILKE RIDGE LANE ROADWAY EXTENSION	CITY OF PFLUGERVILLE TRAVIS COUNTY, TEXAS
).5 WAS USED FOR G DEPTH VARIES	RATE INLET CALC	CULATIONS WITH	150% CLOGGING	CO N: 1 E: 3 ELE	RNER OF 1 10140830.1 3149414.300 EV: 743.31	RACT 1. 540' 560'	0		1	

				/		' 		/						S	Ar	2					DATE BY
5.4 AC STONEBRIDC PARTNEI			/				/					0)	GRAPH	100' IIC SCALE 1	200	,				REVISIONS
CRES OGE CAPITAL ERS LTD		The source of the second secon									X-1 9.9 a 5.5 cd A-1			LEC AR AR Q1 INL PR E PR PR PR PR PR PR PR PR PR PR PR PR PR P	EA DESIGNA EA DESIGNA EA IN ACRE 00 FLOW IN ET NUMBER OPERTY LIN OPOSED ST OPOSED ST OPOSED ST OPOSED ST OPOSED ST OPOSED ST OPOSED ST OPOSED ST OPOSED ST OPOSED ST	ATOR S CFS R IE ORM DRAIN RM DRAIN RM DRAIN ORM DRAIN ORM DRAIN ORM DRAIN OW DIRECT DNTOUR TOUR	I LINE INE /IDE I INLET I MANHOLE I HEADWALL ION	horn with the second se		YVILLE ROAD AVALLON IV SUITE 200 AUSTIN, TX 78759	ONE: 512-418-1//1 FAX: 512-418-1/91 WWW.KIMLEY-HORN.COM 2021 KIMLEY-HORN AND ASSOCIATES, INC. TBPE Firm No. 928
			D	uratio 5 mi 10 mi	<u>CI</u> n n	1-yr 0.44 0.69	<u>C</u> DF PF 2 0.	CITY Avera Avera Avera Avera	OF PI ge Recu SERVI nfall De 5-yr 0.66 1.05	FLUGER Irrence Inte 1 2 5 10 20 50 LLE ATL pth (in.) by 10-yr 0.77 1.23	VILLE erval 1-yr 2-yr 5-yr 0-yr 5-yr 0-yr 0-yr 0-yr 0-yr 0-yr 0-yr 0-yr 0	<u>=</u> II 4 F e R	DF 4 4 5 6 6 7 7 8 8 7 8 8 7 8 8 8 8 8 8 8 8 8 8	CUR a 3.66 5.97 1.35 0.02 7.90 5.82 8.75 9.51 0.44 NFAI rrence -yr 1 08 73	VE PA 10 9 8 7 7 7 6 5 L DEF Interval 100-yr 1.23 1.97	ARAME b .43 .37 .44 .44 .44 .88 .79 .05 .36 .57 .57 .57 .57 .57 .57 .200-yr 1.38 2.21	<u>с</u> 0.7744 0.7472 0.7217 0.7184 0.6998 0.6996 0.6691 0.6691 0.66418 0.6087	KHA PROJECT Not to c Building 068213098 04TF DATE			AWN BY: AMN
				15 mi 30 mi 60 mi 2 H 3 H 6 H 12 H 24 H	n n n ir ir ir	0.88 1.25 1.62 1.93 2.10 2.41 2.75 3.14	1. 1. 2. 2. 3. 3. 4.	05 48 94 38 64 09 55 03	1.31 1.84 2.43 3.04 3.41 4.05 4.67 5.31	1.54 2.16 2.86 3.65 4.15 4.98 5.75 6.53	1.88 2.62 3.49 4.55 5.25 6.40 7.40 8.38		2. 3. 4. 5. 6. 7. 8. 9.	15 00 32 20 63 84 98	2.44 3.39 4.55 6.16 7.27 9.04 10.49 11.82	2.74 3.82 5.16 7.12 8.49 10.66 12.41 13.97	3.16 4.42 6.03 8.52 10.28 13.07 15.31 17.22		AINAGE	MAP	
							HII SUBI	LL COU BASIN [NTRY BIE	BLE CHURCH	S								DR	A	
DRAINAC AREA D-A D-B D-C D-D	GE	ARE/ (SF) 10454 10454 12196	A 40 40 80 80	AREA (AC) 0.24 0.24 0.28 0.28		MPERV COV (AC 0.17 0.17 0.20	IOUS ER) 5 5 4 4	IMPEI CC (73. 73. 73. 73.	RVIOUS DVER %) 00% 00% 00%	WEIGHTED RUNOFF COEFFICIEN 0.92 0.92 0.92 0.92	D TOT/ IT (n 5 5 5 5	AL 1 nin) 5.00 5.00 5.00	Гс**)	Q ₂ (cfs) 1.38 1.38 1.61 1.61	Q ₁₀ (cfs) 2.04 2.38 2.38	Q ₂₅ (cfs) 2.50 2.50 2.91 2.91	Q ₁₀₀ (cfs) 3.27 3.27 3.82 3.82		INLET	ARE	
D-E D-F D-G D-H		10890 10890 12196 12196	00 00 80 80	0.25 0.25 0.28 0.28		0.18 0.18 0.20 0.20	3 3 4 4	73. 73. 73. 73. 73.	00% 00% 00% 00%	0.92 0.92 0.92 0.92 0.92		5.00 5.00 5.00 5.00		1.44 1.44 1.61 1.61	2.13 2.13 2.38 2.38	2.60 2.60 2.91 2.91	3.41 3.41 3.82 3.82	ANF	NOISN	TE	(AS
BRAIN POLE INFEL INFEL	D-A D-A D-B D-C D-D D-C D-C D-C D-C D-C D-F D-F D-G D-H	(CES) 2.04 2.04 2.38 2.38 2.13 2.13 2.13 2.38 2.38	(CFS) 00-00 3.27 3.82 3.82 3.41 3.41 3.82 3.82 3.82	(L) HL900 10.00 10.00 10.00 10.00 10.00 10.00	AVK INITELAREA N/A N/A N/A N/A N/A	A/N A/N A/N A/N A/N A/N A/N A/N A/N	H H H H H H H H H H	CLS) 8.13 8.13 8.13 8.13 8.13 8.13 8.13 8.13	10' CUF 10' CUF 10' CUF 10' CUF 10' CUF 10' CUF 10' CUF	REMARKS RB INLET (ON (RB INLET (ON (GRADE) GRADE) GRADE) GRADE) GRADE) GRADE) GRADE) GRADE)		BM # MAG RIGH IRON COR N: 10 E: 31 ELEN BM # MAG RIGH APP	BE 50010 5 NAIL SI 1T OF W ROXIMAT N ROD V 20142867.2 149521.20 V. 769.60' 50013 5 NAIL WI 1T OF V ROXIMAT	NCHN ET IN CONG AY OF PFL ELY 190 FE WITH CAP TRACT 1. 180' 90' TH WASHEF VAY OF BI ELY 180 FE	CRETE IN S UGERVILLE ET SOUTHEA AT THE NO CON NORTH ACK LOCU	OUTHERLY PARKWAY AST OF A ¹ / ₂ " ORTHWEST	WILKE RIDGE I	ROADWAY FXTF		TRAVIS COUNTY, TEX
WEIR EQUA Q=0.67 X A REDUCTION	ATION (X (64.4 N. MAX	Q=2.3(ł I X h)^0 IIMUM	1.5)L 5 WAS DEPTH	WAS U S USED VARIES	SED FC FOR GF	OR CURB	INLET C	CULATIO	ATIONS. C ONS WITH	DRIFICE EQUA 1 50% CLOGGI	TION NG		¹ / ₂ " IR COR N: 10 E: 31 ELE∖	RON ROE RNER OF 0140830.1 149414.30 V: 743.31') WITH CAF TRACT 1. 640' 60'	P AT THE S	OUTHEAST	SH	1 1	о 0	ER

ted 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.

24+00	25+00	26+00	27+00	28+00

THE CONTRACTOR TO THE CITY INSPECTO	OR.
PELUGERVILLE	DWG. # SD-41
TT LOOLK VILLL	SD41.DWG
MENT DETAIL UNDER PROPOSED ROADWAY FOR STORM SEWER	St Afluger
ON STANDARDS AND DETAILS	OUNTY OF TRA

