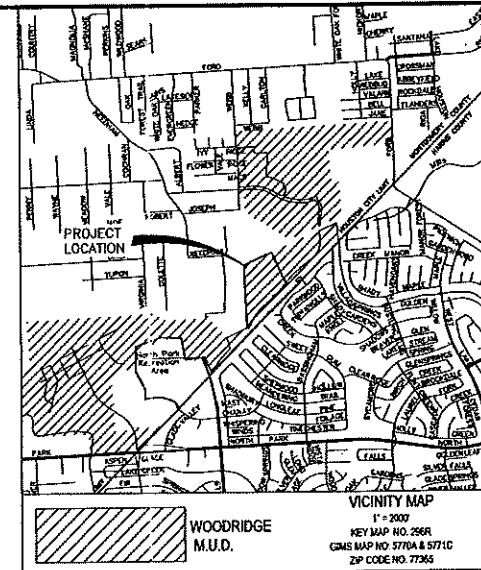


CONSTRUCTION PLANS FOR WATER, SANITARY SEWER AND DRAINAGE FACILITIES & PAVING AND APPURTENANCES

TO SERVE

WOODRIDGE VILLAGE SECTION 2 WOODRIDGE MUNICIPAL UTILITY DISTRICT CITY OF HOUSTON ETJ, MONTGOMERY COUNTY, TEXAS JOB NO. 2027-1102 DATE: AUGUST 2018



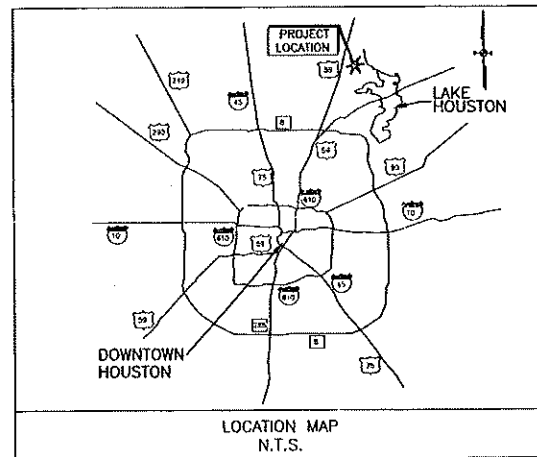
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APPROVED FOR CONSTRUCTION
DATE _____ BY _____

NOTES

1. THESE PLANS WERE PREPARED TO MEET OR EXCEED THE CITY OF HOUSTON AND MONTGOMERY COUNTY DESIGN STANDARDS AS CURRENTLY AMENDED.
2. CONSTRUCTION WILL BE MONITORED BY A REGISTERED PROFESSIONAL ENGINEER TO VERIFY COMPLIANCE WITH THE CONSTRUCTION PLANS AND SPECIFICATIONS.
3. CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON ENGINEERING DEPARTMENT AT 281-652-1646 AT LEAST 48 HOURS PRIOR TO COMMENCEMENT. NOTIFICATION SHALL BE FOLLOWED UP WITH A LETTER TO THE CITY OF HOUSTON.
4. APPROVAL BY THE CITY OF HOUSTON WILL BE DEEMED VOID IF CONSTRUCTION IS NOT BEGUN WITHIN ONE YEAR OF APPROVAL.
5. DESIGN PROCEDURES ARE IN COMPLETE COMPLIANCE WITH THE CITY OF HOUSTON DESIGN STANDARDS.
6. CONSTRUCTION SHALL NOT BEGUN UNTIL PLANS ARE APPROVED AND THE PLAN IS RECORDED.
7. THE ONLY AUTHORITY PERMITTED TO ADD WATER TO A CONCRETE TRUCK MUST COME FROM THE TESTING COMPANY OR A REPRESENTATIVE OF LJA ENGINEERING. ABSOLUTELY NO WATER SHALL BE ADDED AFTER SLUMP TEST IS TAKEN.



CALL BEFORE YOU DIG
(713) 221-4567 (IN HOUSTON)
NEW STATEWIDE NUMBER (OUTSIDE HOUSTON)
1-800-344-8377

CONTRACTOR SHALL NOTIFY THE CITY OF HOUSTON HOUSTON PUBLIC WORKS DEPARTMENT OF ANY SIGNAGE, ADDRESS OR ONE STOPPING WORK ON THIS PROJECT. TELEPHONE NUMBER (832) 364-8236

MONTGOMERY COUNTY
ENGINEERING DEPARTMENT
Approved: *[Signature]*
Date: *12/12/18*

MONTGOMERY COUNTY
FIRE MARSHAL
Approved: *[Signature]*
Date: *12/12/18*

DATE	REVISION	BY

NOTE: CITY SIGNATURE VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURE

LJA Engineering, Inc.	
SURVEYED BY: FB NO:	<i>[Signature]</i>
CITY OF HOUSTON HOUSTON PUBLIC WORKS	
DATE: <i>08-16-18</i>	<i>[Signature]</i>
DATE: <i>08-23-18</i>	<i>[Signature]</i>
CITY ENGINEER:	FOR CITY OF HOUSTON USE ONLY CITY IAWG NO.:
HOUSTON PUBLIC WORKS	
SHEET No. 1 of 31	81338

ENGINEER:
LJA Engineering, Inc.
2929 Bridgeway Drive
Suite 600
Houston, Texas 77042
Phone 713.953.5200
Fax 713.953.5226
FRN F-1388

4426
PLAN NO. 18060133
CITY IAWG NO. 18-1108

RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS

BY _____ DATE _____

PRINTED NAME _____

TITLE _____ INITIAL _____

COMPANY _____

RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS

BY _____ DATE _____

PRINTED NAME _____

TITLE _____ INITIAL _____

COMPANY _____

DEVELOPER:
**FIGURE FOUR
PARTNERS, LTD.**

Date/Time: Thu, 16 Aug 2018 10:57:00 AM User Name: jccs User Path: \\server\projects\2027-1102 - Woodridge Village Sec 2\A\DWG\Sheet\101-2027-1102-0001.DWG SHEET 1 OF 31

WOODRIDGE VILLAGE SECTION 2 - JOB NO. 2027-1102

GENERAL CONSTRUCTION NOTES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF HOUSTON... 2. UTILITIES SHOWN ON THIS DRAWING ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION... 3. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGING TO EXISTING WATER, WASTEWATER AND STORM DRAINAGE LINES...

GENERAL CONSTRUCTION NOTES (CONT.)

- 35. CONTRACTOR SHALL REMOVE DAILY ALL SOIL AND DEBRIS DEPOSITED OR DUMPED ON EXISTING PAVEMENT DUE TO HIS CONSTRUCTION ACTIVITY... 36. THE USE OF WELL POINT SYSTEMS, WHEN REQUIRED BY TRENCH CONDITIONS, SHALL BE REQUESTED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION... 37. CONTRACTOR SHALL PROTECT ALL TREES ADJACENT TO WORK AREA...

GENERAL CONSTRUCTION NOTES (CONT.)

- 4. ALL TRENCH BACKFILL SHALL BE IN 8' LIFTS, WITH TESTS MADE AT 100 FOOT INTERVALS IN EACH LIFT, AND MECHANICALLY COMPACTED TO A DENSITY OF NOT LESS THAN 95%... 5. CIRCULAR AND ELLIPTICAL REINFORCED CONCRETE PIPE SHALL BE INSTALLED USING RUBBER GASKET JOINT CONFORMING TO ASTM C443 AND ASTM C877 RESPECTIVELY... 6. ALL STORM SEWER PIPES AND INLET LEADS SHALL BE 24" AND LARGER R.C.P. (C-76, CLASS II)...

PAVING CONSTRUCTION NOTES (CONT.)

- 11. NECESSARY TESTS OF GRANULAR AND ASPHALT PAVEMENT TO PROVE THAT THESE ITEMS MEET REQUIREMENTS SHALL BE DONE BY A QUALIFIED TESTING LABORATORY APPROVED BY THE OWNER... 12. REINFORCEMENT STEEL FOR PAVEMENT SHALL BE SUPPORTED WITH PLASTIC CHAIRS AT THIRTY FOUR (34) MAXIMUM SPACING, EACH WAY... 13. A CONTINUOUS LONGITUDINAL REINFORCING BAR SHALL BE USED IN THE CURBS...

PAVING CONSTRUCTION NOTES (CONT.)

- 14. STREET NAME SIGNS FOR ALL STREETS SHALL BE LOCATED TOP EACH STOP SIGN AT ALL INTERSECTIONS... 15. CONCRETE CURB SHALL BE 4" MINIMUM THICKNESS UNLESS OTHERWISE NOTED... 16. DOUBLE REINFORCED BUILT UP TRAFFIC MARKING SHALL BE PLACED SIX INCHES (6") OFFSET OF THE CENTERLINE AT ALL TURNING VEHICLES... 17. AN ACCESSIBLE RAMP SHALL BE INSTALLED WITH STREET PAVING PER PLANS AND COMPLY TO CURRENT ADA AND TDR REGULATIONS...

WILLIAMS GAS PIPELINE REQUIREMENTS FOR LANDOWNER & THIRD PARTY CONSTRUCTION (CONT.)

- 2. NO CUT OR FILL ON THE RIGHT-OF-WAY IS PERMITTED WITHOUT WGP WRITTEN APPROVAL... 3. WGP, AT ITS DISCRETION, MAY REQUEST EVIDENCE OF COMPREHENSIVE GENERAL LIABILITY INSURANCE COVERAGE (MINIMUM OF \$5,000,000 COVERAGE) AND OTHER APPROPRIATE AND USUAL... 4. EXISTING UTILITY TRENCHES, TRENCHES OR OTHER DEVICES ON THE RIGHT-OF-WAY IS PROHIBITED, AS IT MAY OBSTRUCT PIPE AND AT LOCATIONS OF ANY CROSSINGS, PARALLEL OCCUPANCY OF THE RIGHT-OF-WAY WILL NOT BE PERMITTED...

Table with 2 columns: Name, Phone, Fax. Includes contact information for JJA Engineering, Inc. and City of Houston.

Table with 2 columns: Name, Date. Includes revision history for the drawing.

Table with 2 columns: Name, Date. Includes revision history for the drawing.

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Table with 2 columns: Name, Date. Includes revision history for the drawing.

CONTRACTORS RECORD DRAWING. Includes project title 'WOODRIDGE VILLAGE SECTION 2', drawing title 'WOODRIDGE VILLAGE SECTION 2', and general notes regarding construction standards and utility requirements.

STATE OF TEXAS
COUNTY OF MONTGOMERY

I, MICHAEL W. MOORE, CHIEF FINANCIAL OFFICER, RESPECTIVELY OF PSWA, INC., A TEXAS CORPORATION, SOLE GENERAL PARTNER OF FIGURE FOUR PARTNERS, LTD., A TEXAS LIMITED PARTNERSHIP, OWNER OF THE PROPERTY SUBDIVIDED IN THE ABOVE AND FOREGOING MAP OF WOODRIDGE VILLAGE SEC 2, DO HEREBY WAIVE SUBDIVISION OF SAID PROPERTY FOR AND ON BEHALF OF SAID FIGURE FOUR PARTNERS, LTD., A TEXAS LIMITED PARTNERSHIP, ACCORDING TO THE LINES, STREETS, LOTS, ALLEYS, PARKS, BUILDING LINES, AND EASEMENTS THEREON SHOWN, AND DESIGNATE SAID SUBDIVISION AS WOODRIDGE VILLAGE SEC 2, LOCATED IN THE RICHARD WILLIAMS SURVEY, ABSTRACT 660, THE THOMAS FOSTER SURVEY, ABSTRACT 718, AND THE H.L.B.R.R. CO. SURVEY, SECTION 5, ABSTRACT 282, MONTGOMERY COUNTY, TEXAS, AND ON BEHALF OF SAID FIGURE FOUR PARTNERS, LTD., A TEXAS LIMITED PARTNERSHIP, AND INDICATE TO PUBLIC USE, AS SUCH, THE STREETS, ALLEYS, PARKS, AND EASEMENTS SHOWN THEREON FOREVER, AND DO HEREBY WAIVE ANY CLAIMS FOR DAMAGES OCCASIONED BY THE ESTABLISHING OF GRADES AS APPROVED FOR THE STREETS AND ALLEYS DEDICATED, OR OCCASIONED BY THE ALTERATION OF THE SURFACE OF ANY PORTION OF STREETS OR ALLEYS TO CONFORM TO SUCH GRADES, AND DO HEREBY BIND OURSELVES, OUR SUCCESSORS AND ASSIGNS TO WARRANT AND FOREVER DEFEND THE TITLE TO THE LAND SO DEDICATED.

THIS IS TO CERTIFY THAT I, MICHAEL W. MOORE, CHIEF FINANCIAL OFFICER, RESPECTIVELY OF PSWA, INC., A TEXAS CORPORATION, SOLE GENERAL PARTNER OF FIGURE FOUR PARTNERS, LTD., A TEXAS LIMITED PARTNERSHIP, OWNER OF THE PROPERTY SUBDIVIDED IN THE ABOVE AND FOREGOING MAP OF WOODRIDGE VILLAGE SEC 2, HAVE COMPLIED WITH OR WILL COMPLY WITH ALL REGULATIONS RESPECTIVE ON FILE WITH THE MONTGOMERY COUNTY ENGINEER AND ADOPTED BY THE COMMISSIONERS' COURT OF MONTGOMERY COUNTY, TEXAS.

FURTHER, OWNER HAS DEDICATED AND BY THESE PRESENTS DOES DEDICATE TO THE USE OF THE PUBLIC FOR PUBLIC UTILITY PURPOSES FOREVER UNOBSTRUCTED AERIAL EASEMENTS, THE AERIAL EASEMENTS SHALL EXTEND HORIZONTALLY AN ADDITIONAL ELEVEN FEET, SIX INCHES (11'-6") FOR TEN FEET (10'-0") PERIMETER GROUND EASEMENTS OR SEVEN FEET, SIX INCHES (7'-6") FOR FOURTEEN FEET (14'-0") PERIMETER GROUND EASEMENTS OR FIVE FEET, SIX INCHES (5'-6") FOR SIXTEEN FEET (16'-0") PERIMETER GROUND EASEMENTS, FROM A PLANE SIXTEEN FEET (16'-0") ABOVE GROUND LEVEL UPWARD, LOCATED ADJACENT TO AND ADJOINING SAID PUBLIC UTILITY EASEMENTS THAT ARE DESIGNATED WITH AERIAL EASEMENTS (U.E. AND A.E.) AS INDICATED AND DEPICTED HEREON, WHEREBY EACH AERIAL EASEMENT TOTALS TWENTY ONE FEET, SIX INCHES (21'-6") IN WIDTH.

FURTHER, OWNER HAS DEDICATED AND BY THESE PRESENTS DOES DEDICATE TO THE USE OF THE PUBLIC FOR PUBLIC UTILITY PURPOSES FOREVER UNOBSTRUCTED AERIAL EASEMENTS, THE AERIAL EASEMENTS SHALL EXTEND HORIZONTALLY AN ADDITIONAL TEN FEET (10'-0") FOR TEN FEET (10'-0") BACK-TO-BACK GROUND EASEMENTS OR EIGHT FEET (8'-0") FOR FOURTEEN FEET (14'-0") BACK-TO-BACK GROUND EASEMENTS OR SEVEN FEET (7'-0") FOR SIXTEEN FEET (16'-0") BACK-TO-BACK GROUND EASEMENTS, FROM A PLANE SIXTEEN FEET (16'-0") ABOVE GROUND LEVEL UPWARD, LOCATED ADJACENT TO AND ADJOINING SAID PUBLIC UTILITY EASEMENTS THAT ARE DESIGNATED WITH AERIAL EASEMENTS (U.E. AND A.E.) AS INDICATED AND DEPICTED HEREON, WHEREBY EACH AERIAL EASEMENT TOTALS THIRTY FEET (30'-0") IN WIDTH.

FURTHER, WE, FIGURE FOUR PARTNERS, LTD., A TEXAS LIMITED PARTNERSHIP, DO HEREBY DEDICATE FOREVER TO THE PUBLIC A STRIP OF LAND A MINIMUM OF FIFTEEN (15) FEET WIDE ON EACH SIDE OF THE CENTER LINE OF ANY AND ALL GULLIES, RAVINES, DRAWS, SLUDGERS OR OTHER NATURAL DRAINAGE COURSES LOCATED IN THE SAID SUBDIVISION AS EASEMENTS FOR DRAINAGE PURPOSES, CARRYING MONTGOMERY COUNTY AND/OR ANY OTHER PUBLIC AGENCY THE RIGHT TO ENTER UPON SAID EASEMENT AT ANY AND ALL TIMES FOR THE PURPOSE OF CONSTRUCTING AND/OR MAINTAINING DRAINAGE WORK AND/OR STRUCTURES.

FURTHER, ALL OF THE PROPERTY SUBDIVIDED IN THE ABOVE AND FOREGOING MAP SHALL BE RESTRICTED IN ITS USE, WHICH RESTRICTIONS SHALL RUN WITH THE TITLE OF THE PROPERTY, AND SHALL BE ENFORCEABLE, AT THE OPTION OF MONTGOMERY COUNTY, BY MONTGOMERY COUNTY OR ANY CITIZEN THEREOF, BY BANQUET, AS FOLLOWS:

- 1. THE DRAINAGE OF SEPTIC TANKS INTO ROAD, STREET, ALLEY, OR OTHER PUBLIC DITCHES, EITHER DIRECTLY OR INDIRECTLY, IS STRICTLY PROHIBITED.
- 2. DRAINAGE STRUCTURES UNDER PRIVATE DRIVEWAYS SHALL HAVE A NET DRAINAGE OPENING AREA OF SUFFICIENT SIZE TO PERMIT THE FREE FLOW OF WATER WITHOUT BACKWATER, AND SHALL BE A MINIMUM OF ONE AND THREE QUARTERS (1-3/4) SQUARE FEET (18" DIAMETER PIPE DIAVERT).

FURTHER, WE DO HEREBY DECLARE THAT ALL PARCELS OF LAND DESIGNATED AS LOTS ON THIS PLAN ARE ORIGINALLY INTENDED FOR THE CONSTRUCTION OF RESIDENTIAL DWELLING UNITS THEREON AND SHALL BE RESTRICTED FOR THE SAME UNDER THE TERMS AND CONDITIONS OF SUCH RESTRICTIONS FILED SEPARATELY, UNLESS OTHERWISE NOTED.

IN TESTIMONY WHEREOF, FIGURE FOUR PARTNERS, LTD., A TEXAS LIMITED PARTNERSHIP, HAS CAUSED THESE PRESENTS TO BE SIGNED BY PSWA, INC., A TEXAS CORPORATION, ITS SOLE GENERAL PARTNER, BY MICHAEL W. MOORE, ITS CHIEF FINANCIAL OFFICER, THEREUNTO AUTHORIZED THIS _____ DAY OF _____, 2018.

FIGURE FOUR PARTNERS, LTD.
A TEXAS LIMITED PARTNERSHIP

BY: PSWA, INC., A TEXAS CORPORATION,
ITS SOLE GENERAL PARTNER

BY: MICHAEL W. MOORE, CHIEF FINANCIAL OFFICER

STATE OF TEXAS
COUNTY OF HARRIS

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED MICHAEL W. MOORE, CHIEF FINANCIAL OFFICER OF PSWA, INC., A TEXAS CORPORATION, SOLE GENERAL PARTNER OF FIGURE FOUR PARTNERS, LTD., A TEXAS LIMITED PARTNERSHIP, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED AND IN THE CAPACITY THEREIN AND HEREIN STATED AND AS THE ACT AND DEED OF SAID PARTNERSHIP.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, THIS _____ DAY OF _____, 2018.

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

I, HEATHER L. SIDES, AM AUTHORIZED UNDER THE LAWS OF THE STATE OF TEXAS TO PRACTICE THE PROFESSION OF SURVEYING AND HEREBY CERTIFY THAT THE ABOVE SUBDIVISION IS TRUE AND CORRECT, WAS PREPARED FROM AN ACTUAL SURVEY OF THE PROPERTY MADE UNDER MY SUPERVISION ON THE GROUND, THAT THE ELEVATION BENCHMARK REFLECTED ON THE FACE OF THE PLAT WAS ESTABLISHED AS REQUIRED BY REGULATION, THAT ALL CORNERS AND ANGLE POINTS OF THE BOUNDARIES OF THE ORIGINAL TRACT TO BE SUBDIVIDED OR REFERENCE HAVE BEEN MARKED WITH IRON RODS HAVING A DIAMETER OF NOT LESS THAN FIVE-EIGHTHS OF AN INCH (5/8") AND A LENGTH OF NOT LESS THAN THREE FEET (3"); AND THAT THE PLAT BOUNDARY CORNERS HAVE BEEN TIED TO THE NEAREST SURVEY CORNER.

HEATHER L. SIDES, R.P.L.S., P.L.S. C.F.S.S.
REGISTERED PROFESSIONAL LAND SURVEYOR
TEXAS REGISTRATION NO. 5597

THIS IS TO CERTIFY THAT THE PLANNING COMMISSION OF THE CITY OF HOUSTON, TEXAS, HAS APPROVED THIS PLAN AND SUBDIVISION OF WOODRIDGE VILLAGE SEC 2 IN CONFORMANCE WITH THE LAWS OF THE STATE OF TEXAS AND THE ORDINANCES OF THE CITY OF HOUSTON AS SHOWN HEREON AND AUTHORIZED THE RECORDING OF THIS PLAN THIS _____ DAY OF _____, 2018.

BY: MARTIN L. STEIN, CHAIR
OR M. SONNY GARZA, VICE-CHAIR

BY: PATRICK WALSH, P.E., SECRETARY

I, MARK J. MOONEY, P.E., COUNTY ENGINEER OF MONTGOMERY COUNTY, TEXAS, DO HEREBY CERTIFY THAT THE PLAN OF THIS SUBDIVISION COMPLIES WITH ALL OF THE EXISTING RULES AND REGULATIONS OF THIS OFFICE AS ADOPTED BY THE MONTGOMERY COUNTY COMMISSIONERS' COURT.

I FURTHER CERTIFY THAT THE PLAN OF THIS SUBDIVISION COMPLIES WITH REQUIREMENTS FOR INTERNAL SUBDIVISION DRAINAGE AS ADOPTED BY THE MONTGOMERY COUNTY COMMISSIONERS' COURT, HOWEVER, NO CERTIFICATION IS HEREBY GIVEN AS TO THE EFFECT OF DRAINAGE FROM THIS SUBDIVISION ON THE INTERCEPTING DRAINAGE ARTERY OR PARENT STREAM OR ON ANY OTHER AREA OF SUBDIVISION WITHIN THE WATERSHED.

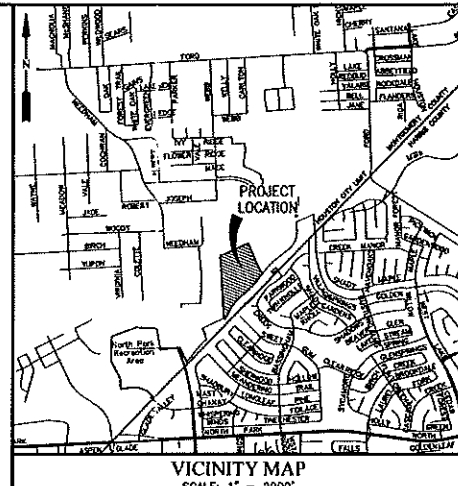
MARK J. MOONEY, P.E.
MONTGOMERY COUNTY ENGINEER

APPROVED BY THE COMMISSIONERS' COURT OF MONTGOMERY COUNTY, TEXAS, THIS _____ DAY OF _____, 2018.

MIKE MEADOR, COMMISSIONER, PRECINCT 1
CHARLE HILLY, COMMISSIONER, PRECINCT 2

GRAG DOWAL, COUNTY JUDGE

JAMES L. HOGAN, COMMISSIONER, PRECINCT 3
JIM CLARK, COMMISSIONER, PRECINCT 4



VICINITY MAP
SCALE: 1" = 2000'
KEY MAP NO. 296R

STATE OF TEXAS
COUNTY OF MONTGOMERY
I, MARK TURNBULL, CLERK OF THE COUNTY COURT OF MONTGOMERY COUNTY, TEXAS, DO HEREBY CERTIFY THAT THE WITHIN INSTRUMENT WITH ITS CERTIFICATE OF AUTHENTICATION WAS FILED FOR REGISTRATION IN MY OFFICE ON _____, 2018, AT _____ O'CLOCK _____ M., AND DULY RECORDED ON _____, 2018, AT _____ O'CLOCK _____ M., IN CABINET _____ SHEET _____ OF RECORD OF _____ FOR SAID COUNTY.
WITNESS MY HAND AND SEAL OF OFFICE, AT CONROE, MONTGOMERY COUNTY, TEXAS, THE DAY AND DATE LAST ABOVE WRITTEN.

MARK TURNBULL, CLERK, COUNTY COURT,
MONTGOMERY COUNTY, TEXAS

BY: _____
DEPUTY

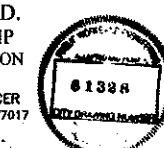
FOR REFERENCE ONLY

WOODRIDGE VILLAGE SEC 2

A SUBDIVISION OF 29.262 ACRES SITUATED IN THE RICHARD WILLIAMS SURVEY, ABSTRACT 660, THE THOMAS FOSTER SURVEY, ABSTRACT 718, AND THE H.L.B.R.R. CO. SURVEY, SECTION 5, ABSTRACT 282, MONTGOMERY COUNTY, TEXAS.

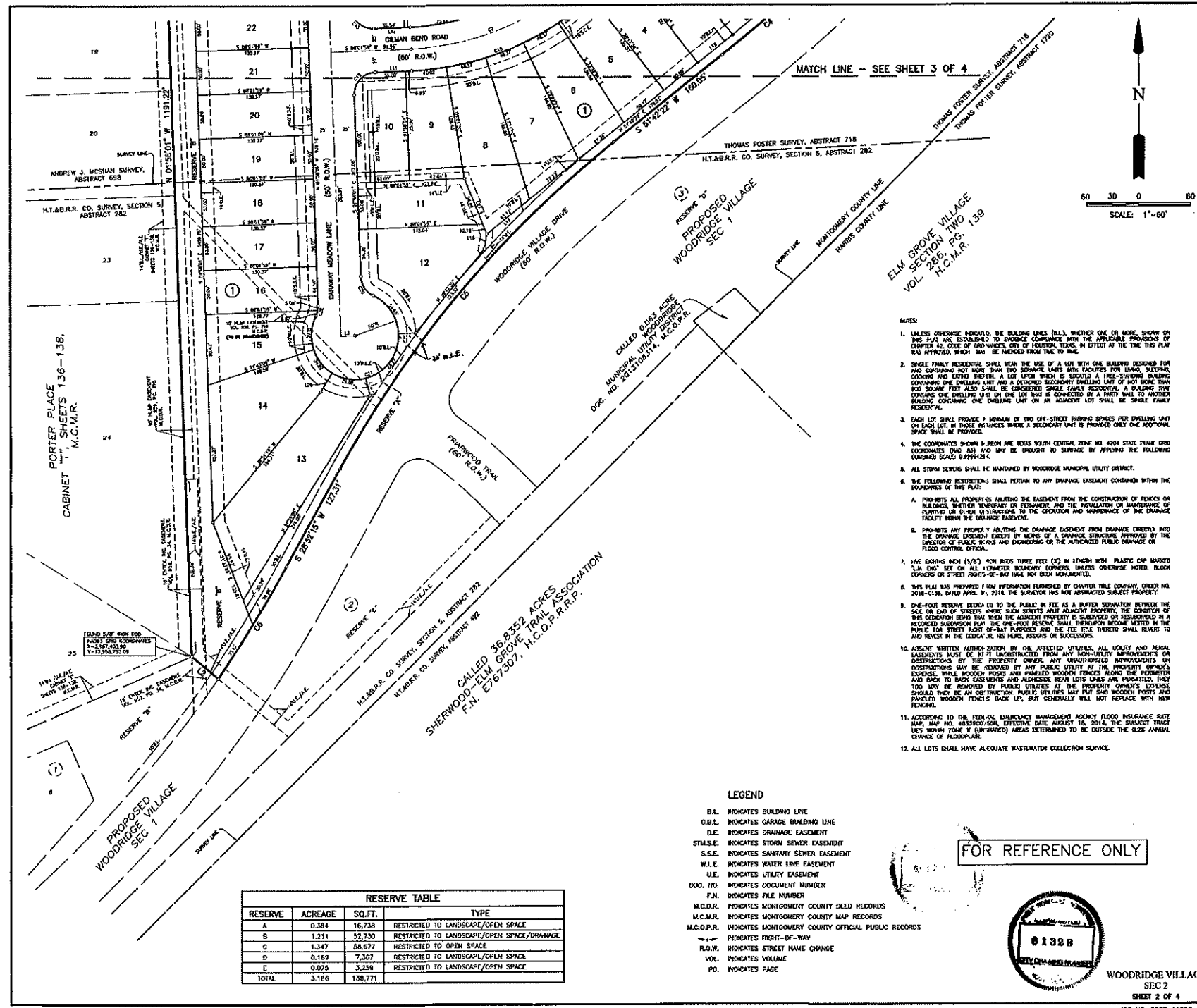
121 LOTS 5 RESERVES (3.186 ACRES) 3 BLOCKS
MAY 29, 2018 JOB NO. 2027-1102C.310

OWNER:
FIGURE FOUR PARTNERS, LTD.
A TEXAS LIMITED PARTNERSHIP
BY: PSWA, INC., A TEXAS CORPORATION
ITS SOLE GENERAL PARTNER
MICHAEL W. MOORE, CHIEF FINANCIAL OFFICER
9000 GULF FREEWAY, SUITE 300, HOUSTON, TEXAS 77017
PHONE (713) 948-7783



SURVEYOR: **LJA Surveying, Inc.**
2929 Briarpark Drive, Suite 175, Houston, Texas 77042
Phone 713.953.5200, Fax 713.953.5028, T.B.P.L.S. Firm No. 10194382

ENGINEER: **LJA Engineering, Inc.**
2929 Briarpark Drive, Suite 900, Houston, Texas 77042
Phone 713.953.5200, Fax 713.953.5028, FRN - F-1386



- NOTES:
- UNLESS OTHERWISE INDICATED, THE BUILDING LINES SHALL BE SHOWN BY THE PLAN AS ESTABLISHED TO EVIDENCE COMPLIANCE WITH THE APPLICABLE PROVISIONS OF CHAPTER 43, CODE OF ORDINANCES, CITY OF HOUSTON, TEXAS, IN EFFECT AT THE TIME THIS PLAN WAS APPROVED. NOTES MAY BE ADDED FROM THIS TO THIS.
 - SINGLE FAMILY RESIDENTIAL SHALL MEAN THE USE OF A LOT WITH ONE BUILDING DESIGNED FOR AND CONTAINING NOT MORE THAN TWO SEPARATE UNITS WITH FACILITIES FOR LIVING, SLEEPING, COOKING AND EATING THEREIN. A LOT UPON WHICH IS LOCATED A FIRST-FLOORING BUILDING CONTAINING ONE DWELLING UNIT AND A DETACHED SECONDARY DWELLING UNIT OF NOT MORE THAN 400 SQUARE FEET ALSO SHALL BE CONSIDERED SINGLE FAMILY RESIDENTIAL. A BUILDING THAT CONTAINS ONE DWELLING UNIT ON THE LOT THAT IS CONNECTED BY A PARTY WALL TO ANOTHER BUILDING CONTAINING ONE DWELLING UNIT ON AN ADJACENT LOT SHALL BE SINGLE FAMILY RESIDENTIAL.
 - EACH LOT SHALL PROVIDE A MINIMUM OF TWO OFF-STREET PARKING SPACES PER DWELLING UNIT ON EACH LOT. IN THOSE INSTANCES WHERE A SECONDARY UNIT IS PROVIDED ONLY ONE ADDITIONAL SPACE SHALL BE PROVIDED.
 - THE COORDINATES SHOWN HEREON ARE TEXAS STATE PLANE COORDINATE SYSTEM 83 (TXS 83) AND MAY BE BROUGHT TO SURFACE BY APPLYING THE FOLLOWING CORRECTION SCALE: 0.9999424.
 - ALL STORM SEWERS SHALL BE MAINTAINED BY WOODRIDGE MUNICIPAL UTILITY DISTRICT.
 - THE FOLLOWING RESTRICTIONS SHALL PERTAIN TO ANY DRAINAGE EASEMENT CONTAINED WITHIN THE BOUNDARIES OF THIS PLAN:
 - PROHIBITS ALL PROPERTY FROM THE CONSTRUCTION OF FENCES OR BARRIERS, WHETHER TEMPORARY OR PERMANENT, AND THE INSTALLATION OF MAINTENANCE OF PLANTING OR OTHER OBSTRUCTIONS TO THE OPERATION AND MAINTENANCE OF THE DRAINAGE FACILITY WITHIN THE DRAINAGE EASEMENT.
 - PROHIBITS ANY PROPERTY FROM THE DRAINAGE EASEMENT FROM DRAINAGE DIRECTLY INTO THE DRAINAGE EASEMENT EXCEPT BY MEANS OF A DRAINAGE STRUCTURE APPROVED BY THE DIRECTOR OF PUBLIC WORKS AND EXPRESSING OR THE AUTHORIZED PUBLIC DRAINAGE OR FLOOD CONTROL OFFICIAL.
 - THE EXISTING 18" (1/2") RIBBON PIPES (15' IN LENGTH) WITH PLASTIC CAP MARKED "18" (1/2") SET ON ALL FOREVER REMAINING CORNERS, UNLESS OTHERWISE NOTED, BLOCK CORNERS OR STREET RIGHTS-OF-WAY HAVE NOT BEEN MONUMENTED.
 - THIS PLAN WAS PREPARED FROM INFORMATION FURNISHED BY CHARTER TITLE COMPANY ORDER NO. 2018-0136, DATED APRIL 11, 2018. THE SURVEYOR HAS NOT ASSAULTED SUBJECT PROPERTY.
 - ONE-FOOT RESERVE DESIGN IS TO BE FULFILLED BY THE ADJACENT PROPERTY OWNER. THE CONDITION OF THIS DESIGNATION BEING THAT WHEN THE ADJACENT PROPERTY IS SUBDIVIDED OR REDEVELOPED IN A RECORDED SUBDIVISION PLAN, THE ONE-FOOT RESERVE SHALL BE SHOWN BY THE DESIGNATION IN THE PUBLIC RECORDS FOR STREET RIGHTS-OF-WAY PURPOSES AND THE FILE TITLE THEREON SHALL REFER TO AND REVEAL IN THE RECORDS, HIS FILE, RECORD OR SUCCESSION.
 - UNLESS OTHERWISE INDICATED BY THE AFFECTED UTILITIES, ALL UTILITY AND AERIAL EASEMENTS MUST BE 10' UNOBSTRUCTED FROM ANY NON-UTILITY IMPROVEMENTS OR OBSTRUCTIONS BY THE PROPERTY OWNER. ANY UNOBTAINED IMPROVEMENTS OR OBSTRUCTIONS MAY BE REMOVED BY ANY PUBLIC UTILITY AS THE PROPERTY OWNER'S EXPENSE. WHILE WOODEN POSTS AND FINISHED WOODEN FENCES ALONG THE PERIMETER AND BACK TO BACK EASEMENTS AND ALONGSIDE NEAR LOTS LINES ARE PERMITTED, THEY TOO MAY BE REMOVED BY PUBLIC UTILITIES AT THE PROPERTY OWNER'S EXPENSE SHOULD THEY BE AN OBSTRUCTION. PUBLIC UTILITIES MAY PUT SAW WOODEN POSTS AND FINISHED WOODEN FENCES BACK UP, BUT GENERALLY WILL NOT REPLACE WITH NEW FENCING.
 - ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP, MAP NO. 18350P0304, EFFECTIVE DATE AUGUST 16, 2014, THE SUBJECT TRACT IS IN FLOOD ZONE X (SHADDED) AREA DETERMINED TO BE OUTSIDE THE 1% ANNUAL CHANCE OF FLOODPLAIN.
 - ALL LOTS SHALL HAVE ADEQUATE WASTEWATER COLLECTION SERVICE.

RESERVE	ACREAGE	SQ. FT.	TYPE
A	0.584	16,738	RESTRICTED TO LANDSCAPE/OPEN SPACE
B	1.211	52,730	RESTRICTED TO LANDSCAPE/OPEN SPACE/DRAINAGE
C	1.347	58,077	RESTRICTED TO OPEN SPACE
D	0.169	7,367	RESTRICTED TO LANDSCAPE/OPEN SPACE
E	0.025	3,228	RESTRICTED TO LANDSCAPE/OPEN SPACE
TOTAL	3.186	138,771	

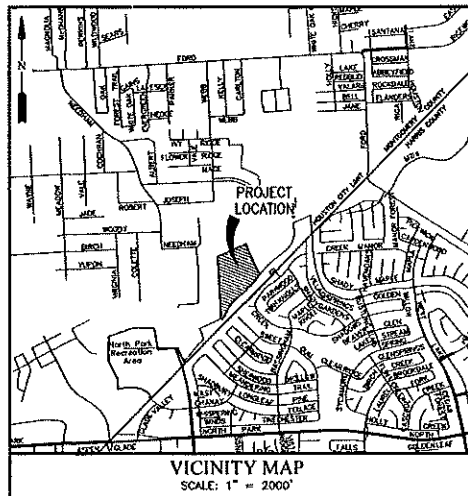
- LEGEND
- B.L. INDICATES BUILDING LINE
 - G.B.L. INDICATES GARAGE BUILDING LINE
 - D.E. INDICATES DRAINAGE EASEMENT
 - S.T.S.E. INDICATES STORM SEWER EASEMENT
 - S.S.E. INDICATES SANITARY SEWER EASEMENT
 - W.L.E. INDICATES WATER LINE EASEMENT
 - U.E. INDICATES UTILITY EASEMENT
 - DOC. NO. INDICATES DOCUMENT NUMBER
 - F.N. INDICATES FILE NUMBER
 - M.C.D.R. INDICATES MONTGOMERY COUNTY DEED RECORDS
 - M.C.M.R. INDICATES MONTGOMERY COUNTY MAP RECORDS
 - M.C.O.P.R. INDICATES MONTGOMERY COUNTY OFFICIAL PUBLIC RECORDS
 - INDICATES RIGHT-OF-WAY
 - R.O.W. INDICATES STREET NAME CHANGE
 - VOL. INDICATES VOLUME
 - P.O. INDICATES PAGE

FOR REFERENCE ONLY



WOODRIDGE VILLAGE
SECTION 2
SHEET 2 OF 4

JOB NO. 2017-11020-310



KEY MAP NO. 296R

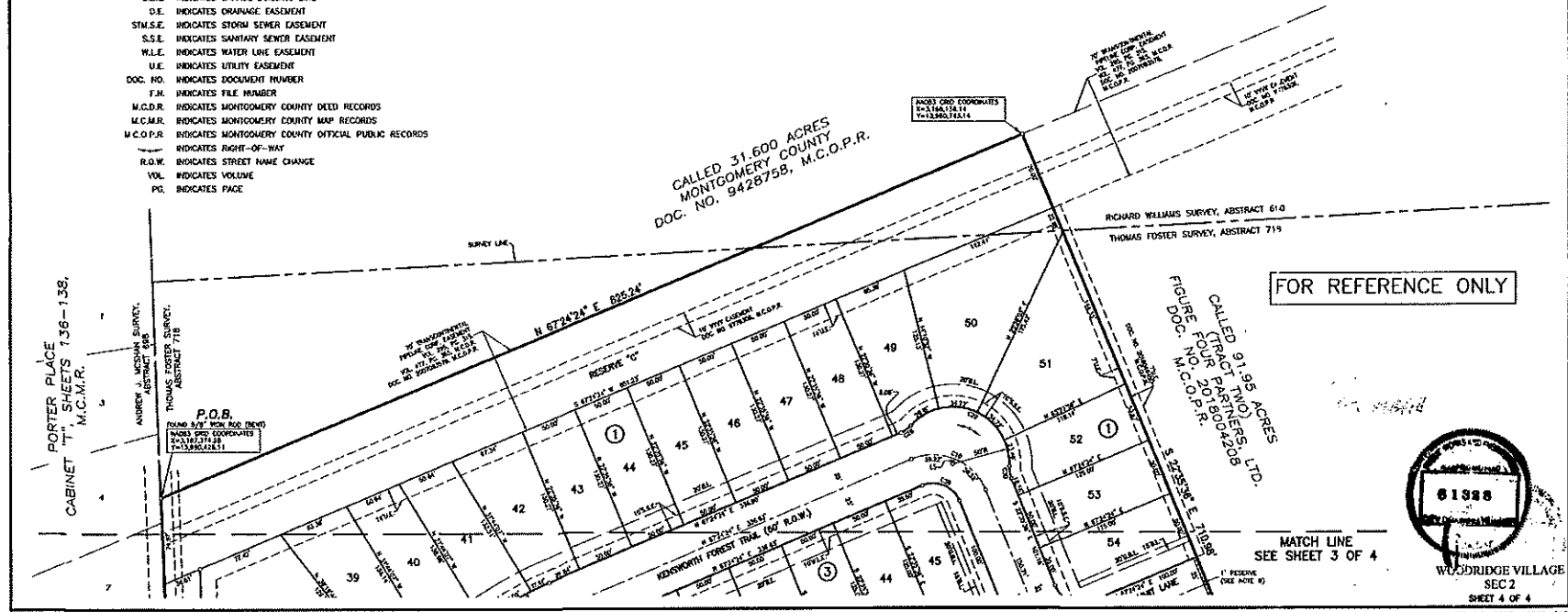
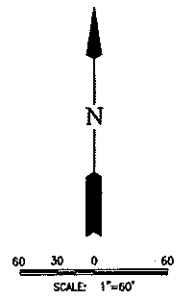
RESERVE	ACREAGE	SQ. FT.	TYPE
A	0.364	16,738	RESTRICTED TO LANDSCAPE/OPEN SPACE
B	1.211	52,720	RESTRICTED TO LANDSCAPE/OPEN SPACE/DRAINAGE
C	1.347	58,677	RESTRICTED TO OPEN SPACE
D	0.169	7,367	RESTRICTED TO LANDSCAPE/OPEN SPACE
E	0.075	3,258	RESTRICTED TO LANDSCAPE/OPEN SPACE
TOTAL	3.186	138,771	

- LEGEND**
- B.L. INDICATES BUILDING LINE
 - G.B.L. INDICATES GARAGE BUILDING LINE
 - D.E. INDICATES DRAINAGE EASEMENT
 - S.M.S.E. INDICATES STORM SEWER EASEMENT
 - S.S.E. INDICATES SANITARY SEWER EASEMENT
 - W.L.E. INDICATES WATER LINE EASEMENT
 - U.E. INDICATES UTILITY EASEMENT
 - DOC. NO. INDICATES DOCUMENT NUMBER
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 - M.C.O.P.R. INDICATES MONTGOMERY COUNTY OFFICIAL PUBLIC RECORDS
 - INDICATES RIGHT-OF-WAY
 - R.O.W. INDICATES STREET NAME CHANGE
 - VOL. INDICATES VOLUME
 - PG. INDICATES PAGE

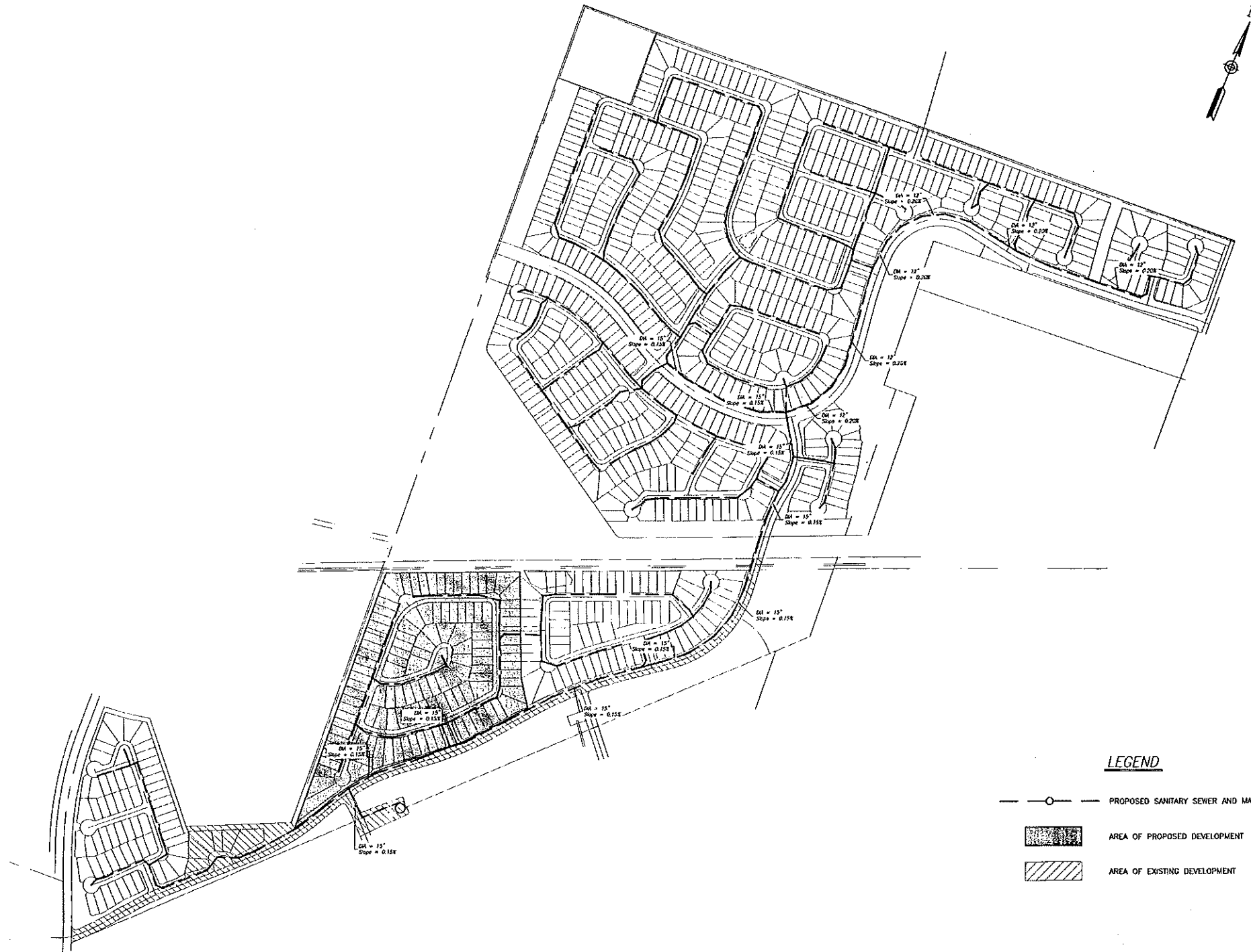
LINE BEARING	DISTANCE
L1 S 49°17'44" W	40.00'
L2 N 50°32'35" W	40.01'
L3 S 68°19'39" W	16.00'
L4 S 81°35'33" E	12.64'
L5 N 22°31'15" E	4.75'
L6 S 50°12'32" E	24.95'
L7 S 22°35'36" W	40.00'
L8 S 47°34'01" W	17.27'
L9 S 01°37'18" E	114.10'
L10 N 29°48'01" W	18.00'
L11 S 68°19'39" W	41.90'
L12 S 88°01'59" W	41.90'
L13 N 22°35'36" W	12.30'
L14 N 1°02'34" W	20.14'
L15 N 67°30'43" E	20.00'
L16 N 08°31'29" E	12.17'
L17 N 51°56'43" E	135.34'
L18 N 51°32'30" E	51.34'
L19 N 50°14'00" E	52.87'
L20 N 48°14'00" E	42.87'
L21 N 05°12'54" E	14.60'
L22 N 69°23'34" E	14.00'
L23 N 41°52'25" E	42.97'
L24 N 47°29'30" E	50.97'
L25 N 49°54'34" E	52.87'
L26 N 38°38'34" E	51.31'
L27 N 22°04'30" W	68.40'
L28 S 31°32'30" W	25.00'
L29 N 41°57'30" E	49.55'
L30 N 45°14'10" E	49.55'
L31 N 45°14'43" E	56.24'
L32 N 47°29'34" E	56.56'
L33 N 49°20'27" E	49.55'
L34 N 51°02'38" E	49.41'
L35 N 51°42'22" E	50.00'
L36 N 54°28'31" E	46.85'

CURVE	RADIUS	DELTA	ARC	CHORD	CHORD BEARING
C1	1976.00'	97°52'57"	180.75'	180.69'	S 47°06'50" W
C2	25.00'	91°37'13"	39.96'	38.82'	N 89°18'51" W
C3	25.00'	91°37'13"	39.96'	38.82'	S 89°18'23" W
C4	1976.00'	97°52'57"	180.75'	180.69'	S 49°50'41" W
C5	1230.00'	22°56'07"	490.22'	486.96'	S 49°17'16" W
C6	1470.00'	87°51'01"	150.10'	150.63'	S 31°47'45" N
C7	300.00'	241°47'37"	160.31'	161.04'	N 62°52'11" E
C8	1800.00'	171°51'15"	383.93'	383.02'	N 49°52'45" E
C9	50.00'	87°04'44"	54.17'	51.56'	N 02°24'45" E
C10	50.00'	90°06'00"	78.54'	70.71'	N 67°30'38" N
C11	250.00'	89°28'25"	372.70'	384.54'	S 37°43'12" W
C12	300.00'	35°06'44"	183.70'	180.80'	N 69°15'12" E
C13	1500.00'	63°17'12"	249.87'	249.30'	N 49°56'14" E
C14	50.00'	64°48'07"	56.52'	53.84'	N 09°47'04" E
C15	50.00'	69°17'19"	60.52'	56.80'	S 32°43'31" W
C16	25.00'	88°17'47"	38.53'	34.83'	N 87°47'07" W
C17	1825.00'	37°23'25"	115.82'	115.81'	S 49°53'11" W
C18	325.00'	26°18'37"	206.08'	202.82'	S 69°37'11" W
C19	25.00'	90°00'00"	30.27'	35.36'	S 43°01'56" W
C20	25.00'	87°02'32"	27.51'	26.11'	S 32°29'17" E
C21	50.00'	271°44'00"	238.84'	49.84'	S 70°41'27" W
C22	25.00'	283°12'37"	12.37'	12.25'	N 17°14'45" E
C23	275.00'	175°07'37"	41.76'	81.82'	N 07°28'05" E
C24	150.00'	375°15'15"	66.81'	84.81'	N 05°13'32" W
C25	50.00'	111°29'15"	97.29'	82.65'	N 35°47'28" E
C26	150.00'	375°15'15"	66.81'	84.81'	N 73°08'38" E
C27	275.00'	104°23'34"	51.48'	81.41'	N 67°02'37" E
C28	25.00'	239°09'04"	16.81'	15.82'	N 54°54'31" E

CURVE	RADIUS	DELTA	ARC	CHORD	CHORD BEARING
C29	50.00'	137°54'41"	122.08'	63.51'	S 67°38'47" E
C30	25.00'	243°24'42"	16.88'	10.78'	S 10°04'45" E
C31	25.00'	90°00'00"	30.27'	35.36'	S 47°30'38" E
C32	25.00'	90°00'00"	30.27'	35.36'	S 22°24'24" W
C33	25.00'	25°02'17"	16.81'	10.81'	S 35°05'43" E
C34	50.00'	117°02'56"	67.77'	82.92'	S 08°20'09" N
C35	25.00'	212°07'05"	16.88'	10.80'	S 51°57'40" W
C36	1825.00'	5°12'24"	164.80'	164.74'	S 47°04'20" W
C37	25.00'	65°17'41"	35.83'	34.83'	S 02°04'40" W
C38	225.00'	69°22'25"	272.43'	268.00'	N 32°43'11" E
C39	25.00'	90°00'00"	30.27'	35.36'	S 47°30'38" E
C40	25.00'	62°04'44"	27.08'	25.78'	S 08°24'48" W
C41	1725.00'	17°17'15"	378.88'	377.88'	S 45°30'45" W
C42	225.00'	36°18'37"	171.36'	171.45'	S 49°32'11" W
C43	25.00'	90°00'00"	30.27'	35.36'	N 46°30'01" W
C44	25.00'	60°47'07"	35.32'	32.38'	N 38°15'31" W
C45	205.00'	27°07'45"	155.81'	151.89'	N 63°15'43" E
C46	1825.00'	9°32'12"	255.83'	253.84'	N 48°04'14" E
C47	25.00'	64°48'07"	64.78'	80.34'	N 09°47'04" E
C48	25.00'	33°04'24"	10.07'	10.00'	N 11°05'45" W
C49	50.00'	159°02'07"	138.78'	96.33'	N 79°05'27" W
C50	25.00'	170°00'00"	5.30'	5.29'	S 77°30'50" W
C51	25.00'	35°32'38"	46.53'	43.78'	S 15°49'01" W
C52	25.00'	48°08'09"	21.00'	20.30'	S 27°05'46" W
C53	1825.00'	3°31'29"	142.23'	142.17'	S 48°04'38" W
C54	225.00'	27°18'45"	111.72'	110.86'	S 43°00'40" W
C55	25.00'	103°02'00"	44.86'	36.14'	N 53°29'31" W



Date: 7/16/2018 10:40 AM
 User: Admin
 Project: 2027-1102 - Woodridge Village Section 2
 Sheet: PHA 2027-1102 MASTER SAN



LEGEND

- PROPOSED SANITARY SEWER AND MANHOLE
- AREA OF PROPOSED DEVELOPMENT
- AREA OF EXISTING DEVELOPMENT

BENCHMARK:
 1528P BM NO. 020115 - A BRASS DISK STAMPED BM 020115, SET IN THE NORTH END OF A CONCRETE HEADWALL, AT THE INTERSECTION OF HOODEN Pkwy & NORTH Fkwy IN MONTGOMERY COUNTY, TEXAS. SAID HEADWALL IS ON THE EAST SIDE OF THE NORTHBOUND LANE OF HOODEN Pkwy.
 ELEVATION = 69.66 FEET (NAVD-88 (2001 ADU))

NOTES:

- 8'-0" SIDEWALKS SHALL BE BUILT ON BOTH SIDES OF STREET DURING LOCAL CONSTRUCTION PERIOD. ALL 8'-0" SIDEWALKS SHALL BE BUILT TO THE FULL WIDTH OF THE SIDEWALK. CONSTRUCTION SHALL BE COMPLETED PRIOR TO LOCAL CONSTRUCTION PERIOD. C.O.H. EXTRA NO. 01773-01, ALL SIDEWALKS SHALL BE MAINTAINED BY M.U.D.
- REFER TO PLANS, SPECIFICATIONS AND PERMITS FOR SANITARY SEWER, STORM SEWER, AND WATER LOCATIONS. SHEET FOR SIDEWALK, WHEELCHAIR RAMP AND SIGNAGE LOCATIONS.
- MAN-HOLE RIM ELEVATIONS SHOWN ON PLAN ARE APPROXIMATE ONLY. UTILITIES CONTRACTOR SHALL ADJUST MAN-HOLE RIM TO 0.3' ABOVE FINISHED GRADE.
- CONTRACTOR SHALL FIELD VERIFY FLOWLINES OF ALL EXISTING SANITARY SEWER, STORM SEWER, AND WATER LINES WHERE THEY IN

CONTRACTORS RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

INITIAL: _____ DATE: _____

RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

INITIAL: _____ DATE: _____

MONTGOMERY COUNTY ENGINEERING DEPARTMENT

Approved: _____
 Date: 8/16/18

DATE	REVISION	BY

PLAT NAME: WOODRIDGE VILLAGE SECTION 2
 CPC 101 FILE NO. _____
 I.L.M.S. NO. 18060133 C.O.H. LOG NO. 18-1108
 WOODRIDGE MUNICIPAL UTILITY DISTRICT
 WOODRIDGE VILLAGE SECTION 2
 MASTER SANITARY LAYOUT

LJA Engineering, Inc.
 2029 Briarport Drive, Suite 600, Houston, Texas 77042
 Phone: 713.953.5200, Fax: 713.953.5026, FRN: F-1386

LJA PROJECT NO.: 2027-1102
 DESIGNED BY: AC, DRAWN BY: AC, DATE: AUGUST 2018

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

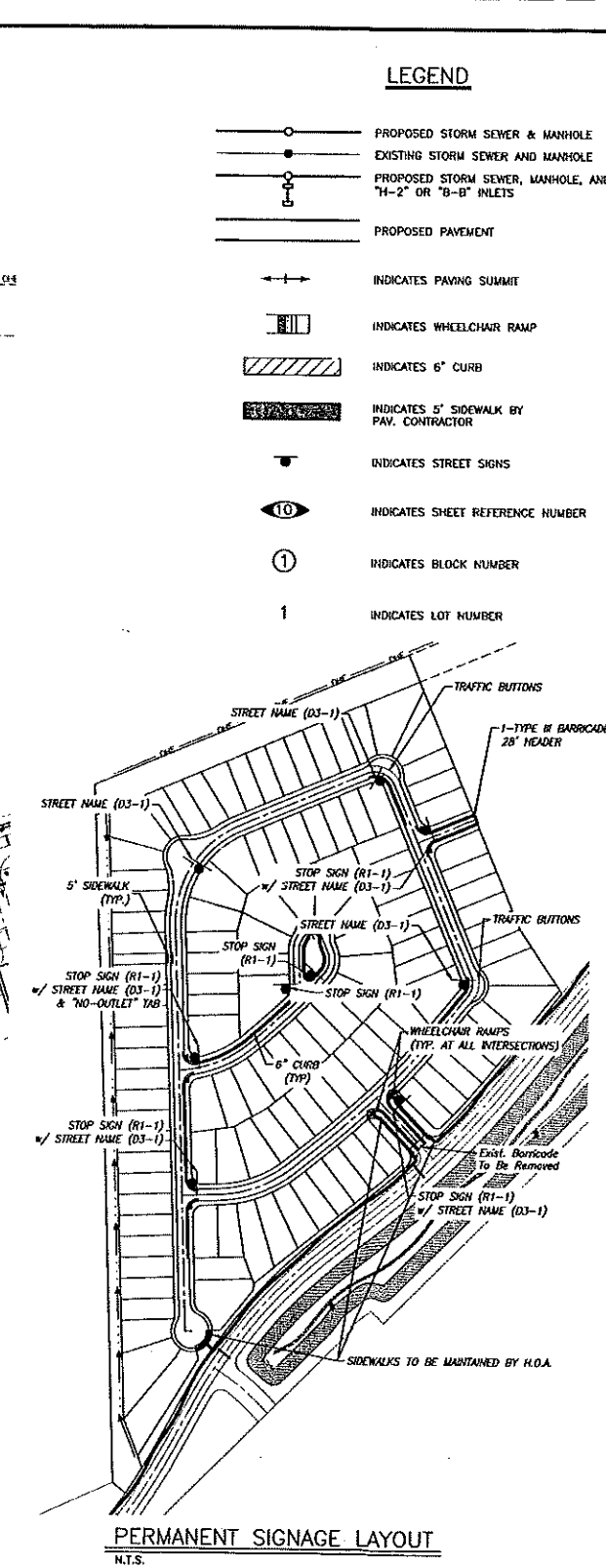
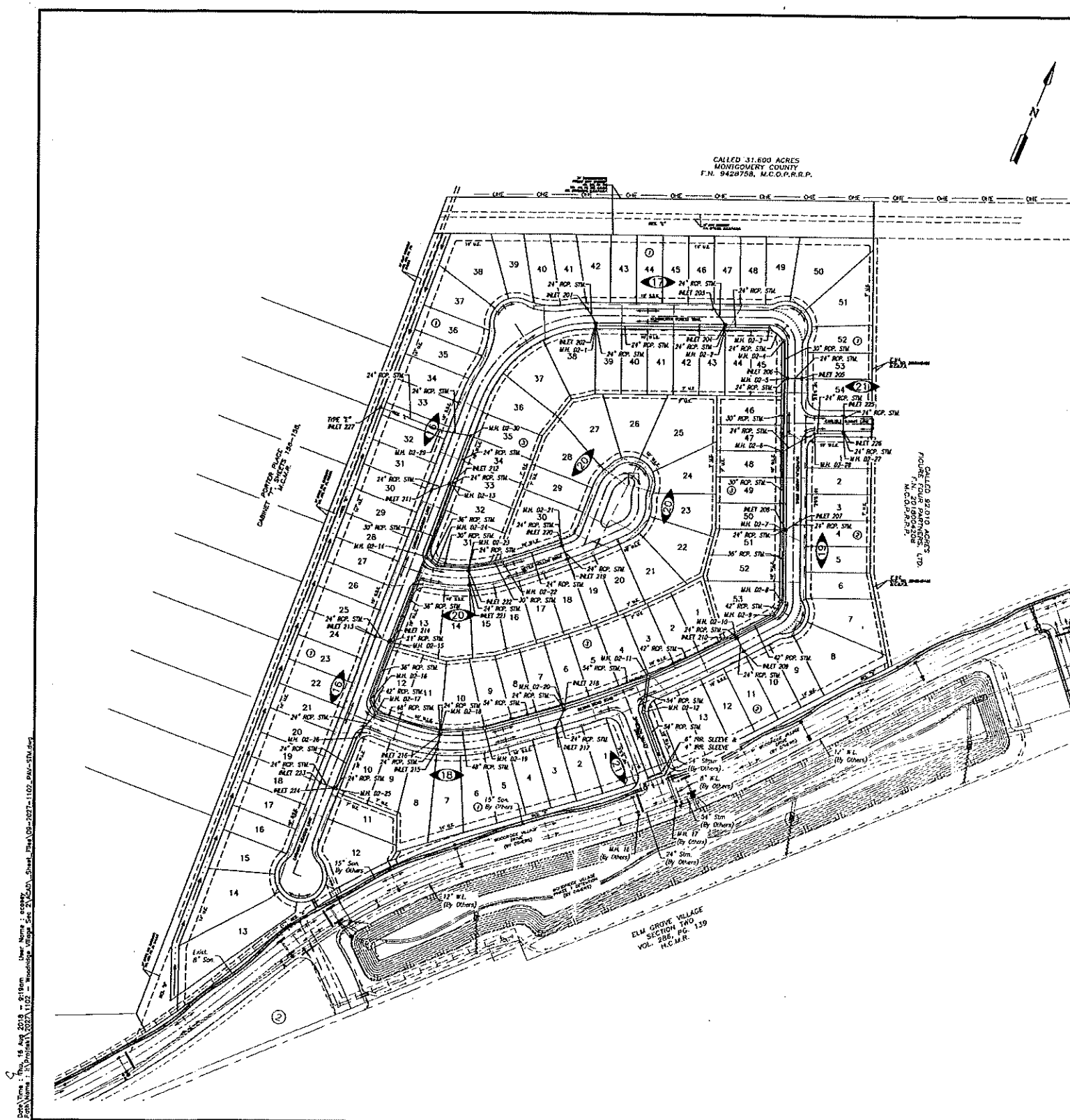
CITY OF HOUSTON HOUSTON PUBLIC WORKS

NAME: _____, TITLE: _____
 AUTHORITY: _____, DATE: 8/16/18
 SIGNATURE: _____, DATE: 8-20-18

FOR CITY OF HOUSTON USE ONLY

FILE NO.: _____
 DRAWING SCALE: 1" = 300'
 SHEET NO. 7 of 31

WOODRIDGE VILLAGE SECTION 2 - JOB NO. 2027-1102



LEGEND

- PROPOSED STORM SEWER & MANHOLE
- EXISTING STORM SEWER AND MANHOLE
- PROPOSED STORM SEWER, MANHOLE, AND "14-2" OR "8-B" INLETS
- PROPOSED PAVEMENT
- INDICATES PAVING SUMMIT
- INDICATES WHEELCHAIR RAMP
- INDICATES 6" CURB
- INDICATES 5' SIDEWALK BY PAV. CONTRACTOR
- INDICATES STREET SIGNS
- INDICATES SHEET REFERENCE NUMBER
- INDICATES BLOCK NUMBER
- INDICATES LOT NUMBER

BENCHMARK
 MONUMENT NO. 002118 - A BRASS DISK STAMPED RM 0722AS, SET IN THE NORTH END OF A CONCRETE HEADWALL, AT THE INTERSECTION OF BROOK PARK & NORTH PARK IN MONTGOMERY COUNTY, TEXAS. SMO HEADWALL IS ON THE EAST SIDE OF THE NORTHBOUND LANE OF BROOK PARK.
 ELEVATION = 69.66 FEET (NAVD-88 (2001 ADJ.))

NOTES
 1-A SIDEWALK SHALL BE BUILT ON BOTH SIDES OF STREET DURING ROAD CONSTRUCTION PHASE. ALL PROPOSED SIDEWALKS SHALL BE WITHIN ROW. ALL NECESSARY PERMITS FOR SIDEWALK CONSTRUCTION SHALL BE OBTAINED PRIOR TO THE CONSTRUCTION. PLEASE SEE C.O.H. DATA NO. 09773-01. ALL SIDEWALKS SHALL MEET CITY OF HOUSTON SPECIFICATIONS. SIDEWALKS TO BE MAINTAINED BY H.O.A.
 REFER TO PAVING, DRAINAGE AND PERMANENT SIGNAGE LAYOUT SHEET FOR SIDEWALK, WHEELCHAIR RAMP AND SIGNAGE LOCATIONS.
 MANHOLE RIM ELEVATIONS SHOWN ON PLAN ARE APPROXIMATE. ONLY UTILITIES CONTRACTOR SHALL ADJUST MANHOLE RIM TO 0.3 ABOVE FINISHED GRADE.
 CONTRACTOR SHALL FIELD VERIFY FLOWLINES OF ALL EXISTING SANITARY SEWER, STORM SEWER, AND WATER LINES WHERE TYPED IN

CONTRACTORS RECORD DRAWING
 I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE, AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.
 INITIAL: _____ DATE: _____

RECORD DRAWING
 I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE, AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.
 INITIAL: _____ DATE: _____

MONTGOMERY COUNTY
 ENGINEERING DEPARTMENT
 Approved: *[Signature]*
 Date: 08/16/18

DATE	REVISION	BY

WOODRIDGE VILLAGE SECTION 2
PAVING, DRAINAGE AND PERMANENT SIGNAGE LAYOUT

LJA Engineering, Inc.
 2929 Bisport Drive Suite 600 Houston, Texas 77042
 Phone 713.953.5201 Fax 713.953.5076 FRN - F-1336

LJA PROJECT NO.: 2027-1102
 DESIGNED BY: AC DRAWN BY: AC DATE: AUGUST 2018

NOTE: CITY SIGNAGES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNAGES.

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

FILE NO. _____ FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE: 1" = 100'

SHEET NO. 9 of 31

WOODRIDGE VILLAGE SECTION 2 - JOB NO. 2027-1102

2 YR HGL @ STUB: 72.81 From 2027-1101 Stm Calcs
 Total Acreage: 35.92

COH Values	
b=	75.01
d=	16.2
e=	0.6316

Line		MANHOLES/ INLETS		Area	Total	C	to	I (2 yr)	Q (2 yr)	Add. Q	Total Q	Reach	Box	Pipe	LINE	Slope	n	Design	Design	Slope	Friction	Flowline	Actual	H.G.L.	Y	Hydr. Grad.	TC/NG	TC - H.G	Cover		
		from	to	ac.	ac.	Factor	min.	c.f.s.	c.f.s.	c.f.s.	c.f.s.	ft.	Span	size		%		c.f.s.	f.p.s.	ft.	ft.	upstrm.	dstrm.	V	Slope	ft	upstrm.	dstrm.	elev.	ft.	ft.
Stm Sys "A"																															
Line 1	201	202	1.19	1.19	0.55	25.31	3.39	2.22	0.00	2.22	32		24	R.C.P.	0.62%	0.013	17.81	5.7	0.200	0.003	71.56	71.38	0.7	0.010	2	73.56	73.39	76.08	2.50	2.25	
	202	D2-1	0.70	1.89	0.55	26.19	3.33	3.46	0.00	3.46	6		24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.001	71.36	71.28	1.1	0.023	2	73.39	73.39	76.08	2.67	2.45	
	D2-1	D2-2	0.00	1.89	0.55	26.19	3.33	3.46	0.00	3.46	250		24	R.C.P.	0.18%	0.013	9.60	3.1	0.450	0.058	71.26	70.81	1.1	0.023	2	73.39	73.33	76.18	2.79	2.67	
	D2-2	D2-3	2.20	4.09	0.55	27.82	3.22	7.25	0.00	7.25	86		24	R.C.P.	0.18%	0.013	9.60	3.1	0.154	0.088	70.81	70.66	2.3	0.102	2	73.33	73.24	76.27	2.94	3.21	
	D2-3	D2-4	0.00	4.09	0.55	27.82	3.22	7.25	0.00	7.25	38		24	R.C.P.	0.18%	0.013	9.60	3.1	0.068	0.039	70.66	70.59	2.3	0.102	2	73.24	73.20	76.56	3.32	3.65	
	D2-4	D2-5	0.00	4.09	0.55	27.82	3.22	7.25	0.00	7.25	73		30	R.C.P.	0.13%	0.013	14.79	3.0	0.094	0.023	70.09	69.99	1.5	0.031	2.5	73.20	73.18	76.25	3.05	3.37	
	D2-5	D2-6	1.14	5.23	0.55	28.38	3.19	9.18	0.00	9.18	139		30	R.C.P.	0.13%	0.013	14.79	3.0	0.181	0.069	69.99	69.81	1.9	0.050	2.5	73.18	73.11	75.97	2.79	3.18	
	D2-6	D2-7	0.12	5.35	0.55	28.44	3.19	9.38	0.00	9.38	150		30	R.C.P.	0.13%	0.013	14.79	3.0	0.195	0.078	69.81	69.62	1.9	0.052	2.5	73.11	73.03	75.94	2.83	3.34	
	D2-7	D2-8	2.59	7.94	0.55	29.40	3.13	13.67	0.00	13.67	138		36	R.C.P.	0.10%	0.013	21.09	3.0	0.138	0.057	69.12	68.98	1.9	0.042	3	73.03	72.98	75.17	2.14	2.72	
	D2-8	D2-9	0.00	7.94	0.55	29.40	3.13	13.67	0.00	13.67	31		42	R.C.P.	0.08%	0.013	28.46	3.0	0.025	0.006	68.48	68.45	1.4	0.018	3.5	72.98	72.97	75.70	2.72	3.35	
	D2-9	D2-10	0.00	7.94	0.55	29.40	3.13	13.67	0.00	13.67	84		42	R.C.P.	0.08%	0.013	28.46	3.0	0.067	0.015	68.45	68.39	1.4	0.018	3.5	72.97	72.95	75.70	2.73	3.37	
	D2-10	D2-11	2.40	10.34	0.55	30.09	3.09	17.59	0.00	17.59	187		42	R.C.P.	0.08%	0.013	28.46	3.0	0.150	0.057	68.39	68.24	1.8	0.030	3.5	72.95	72.90	75.20	2.25	2.94	
	D2-11	D2-12	25.58	35.92	0.45	33.79	2.90	47.15	0.00	47.15	67		54	R.C.P.	0.06%	0.013	48.17	3.0	0.040	0.038	67.21	67.17	3.0	0.057	4.5	72.90	72.86	75.75	2.85	3.58	
	D2-12	Exist. Stub	0.00	35.92	0.45	33.79	2.90	47.15	0.00	47.15	86		54	R.C.P.	0.06%	0.013	48.17	3.0	0.051	0.049	67.17	67.12	3.0	0.057	4.5	72.86	72.81	75.91	3.05	3.78	
Line 2	203	204	1.30	1.30	0.55	25.47	3.37	2.41	0.00	2.41	36		24	R.C.P.	0.56%	0.013	18.91	5.4	0.200	0.004	71.66	71.46	0.8	0.011	2	73.66	73.46	76.16	2.50	2.25	
	204	D2-2	0.90	2.20	0.55	26.49	3.31	4.00	0.00	4.00	6		24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.002	71.46	71.38	1.3	0.031	2	73.46	73.38	76.16	2.70	2.45	
Line 3	205	206	0.89	0.89	0.55	24.80	3.42	1.67	0.00	1.67	28		24	R.C.P.	0.71%	0.013	19.12	6.1	0.200	0.002	71.36	71.16	0.5	0.005	2	73.36	73.18	75.86	2.50	2.25	
	206	D2-5	0.25	1.14	0.55	25.23	3.39	2.13	0.00	2.13	6		24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.000	71.16	71.06	0.7	0.009	2	73.18	73.18	75.86	2.68	2.45	
Line 4	207	208	1.45	1.45	0.55	25.68	3.36	2.68	0.00	2.68	34		24	R.C.P.	0.59%	0.013	17.35	5.5	0.200	0.005	70.56	70.36	0.9	0.014	2	73.04	73.04	75.06	2.02	2.25	
	208	D2-7	1.14	2.59	0.55	26.82	3.29	4.68	0.00	4.68	6		24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.002	70.36	70.26	1.5	0.043	2	73.04	73.03	75.06	2.02	2.45	
Line 5	209	210	1.35	1.35	0.55	25.54	3.37	2.50	0.00	2.50	28		24	R.C.P.	0.71%	0.013	19.12	6.1	0.200	0.003	70.59	70.39	0.8	0.012	2	72.96	72.96	75.09	2.13	2.25	
	210	D2-10	1.05	2.40	0.55	26.67	3.30	4.35	0.00	4.35	6		24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.002	70.39	70.29	1.4	0.037	2	72.96	72.95	75.09	2.13	2.45	
Line 6	211	212	2.15	2.15	0.55	28.44	3.31	3.91	0.00	3.91	37		24	R.C.P.	0.54%	0.013	16.66	5.3	0.200	0.011	70.89	70.69	1.3	0.030	2	73.47	73.46	75.39	1.92	2.25	
	212	D2-13	1.47	3.62	0.55	27.54	3.24	6.45	0.00	6.45	6		24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.004	70.69	70.59	2.1	0.081	2	73.46	73.45	75.39	1.93	2.45	
	D2-13	D2-14	10.00	13.62	0.29	30.84	3.05	12.18	0.00	12.18	147		30	R.C.P.	0.13%	0.013	14.79	3.0	0.191	0.128	70.09	69.90	2.5	0.088	2.5	73.45	73.33	75.50	2.05	2.62	
	D2-14	D2-15	4.35	17.97	0.38	31.63	3.01	19.21	0.00	19.21	177		36	R.C.P.	0.10%	0.013	21.09	3.0	0.177	0.147	69.40	69.22	2.7	0.083	3	73.33	73.18	76.03	2.70	3.30	
	D2-15	D2-16	1.27	19.24	0.37	31.83	3.00	21.24	0.00	21.24	117		36	R.C.P.	0.10%	0.013	21.09	3.0	0.117	0.118	69.22	69.10	3.0	0.101	3	73.18	73.06	75.33	2.15	2.77	
	D2-16	D2-17	0.00	19.24	0.37	31.83	3.00	21.24	0.00	21.24	28		42	R.C.P.	0.08%	0.013	28.46	3.0	0.022	0.012	68.80	68.58	2.2	0.044	3.5	73.06	73.05	75.71	2.65	3.23	
	D2-17	D2-18	2.68	21.92	0.39	32.22	2.88	25.48	0.00	25.48	130		48	R.C.P.	0.07%	0.013	38.00	3.0	0.091	0.041	68.58	68.49	2.0	0.031	4	73.05	73.01	76.02	2.97	3.02	
	D2-18	D2-19	2.09	24.01	0.40	32.50	2.96	28.77	0.00	28.77	86		48	R.C.P.	0.07%	0.013	38.00	3.0	0.060	0.034	68.49	68.43	2.3	0.040	4	73.01	72.97	75.56	2.65	2.65	
	D2-19	D2-20	0.00	24.01	0.40	32.50	2.96	28.77	0.00	28.77	159		54	R.C.P.	0.06%	0.013	48.17	3.0	0.095	0.034	68.43	68.34	1.8	0.021	4.5	72.97	72.94	75.85	2.88	2.46	
	D2-20	D2-11	1.57	25.58	0.41	32.70	2.95	31.23	0.00	31.23	173		54	R.C.P.	0.06%	0.013	48.17	3.0	0.104	0.043	68.34	68.23	2.0	0.025	4.5	72.94	72.90	75.44	2.50	2.15	
Line 7	213	214	1.07	1.07	0.55	25.12	3.40	2.00	0.00	2.00	28		24	R.C.P.	0.71%	0.013	19.12	6.1	0.200	0.002	70.72	70.52	0.6	0.008	2	73.18	73.18	75.22	2.04	2.25	
	214	D2-15	0.20	1.27	0.55	25.43	3.38	2.36	0.00	2.36	6		24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.001	70.52	70.42	0.8	0.011	2	73.18	73.18	75.22	2.04	2.45	
Line 8	215	216	1.28	1.28	0.55	25.44	3.38	2.38	0.00	2.38	28		24	R.C.P.	0.71%	0.013	19.06	6.1	0.200	0.003	70.95	70.75	0.8	0.011	2	73.01	73.01	75.45	2.44	2.25	
	216	D2-18	0.81	2.09	0.55	26.39	3.31	3.81	0.00	3.81	6		24	R.C.P.	1.60%	0.013	28.65	9.1	0.100	0.002	70.75	70.65	1.2	0.028	2	73.01	73.01	75.45	2.44	2.45	
Line 9	217	218	0.75	0.75	0.55	24.51	3.44	1.42	0.00	1.42	38		24	R.C.P.	0.53%	0.013	16.44	5.2	0.200	0.001	70.83	70.63	0.5	0.004	2	72.94	72.94	75.33	2.39	2.25	
	218	D2-20	0.82	1.57	0.55	25.83	3.35	2.89	0.00	2.89	7		24	R.C.P.	1.50%	0.013	27.71	8.8	0.100	0.001	70.63	70.53	0								

100 YR HGL @ STUB 73.08 From 2027-1101 SIm Calcs
Total Acreage: 35.92

COH Values
b= 125.4
d= 21.8
e= 0.75

100 YR FREQUENCY

Line	MANHOLES/		Area	Total	C	tc	I (100 yr)	Q (100 yr)	Add. Q	Total Q	Reach	Box	Pipe	LINE	Slope	n	Design	Design	Slope	Friction	Flowline		Actual	H.G.L.	Y	Hydr. Grad.		TC/NG	TC - H.G	Cover	Method 1	
	INLETS	from																			to	ac.				ac.	Factor				min.	c.f.s.
Line 1	201	202	1.19	1.19	0.55	25.31	6.97	4.56	0.00	4.56	32	24	R.C.P.	0.62%	0.013	17.81	5.7	0.200	0.013	71.56	71.36	1.5	0.040	2	75.62	75.61	76.06	0.44	2.25	Yes	-1.94	
	202	D2-1	0.70	1.89	0.55	26.19	6.88	7.15	0.00	7.15	6	24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.005	71.36	71.26	2.3	0.100	2	75.61	75.60	76.06	0.45	2.45	Yes	-1.95	
	D2-1	D2-2	0.00	1.89	0.55	26.19	6.88	7.15	0.00	7.15	250	24	R.C.P.	0.18%	0.013	9.60	3.1	0.450	0.249	71.26	70.81	2.3	0.100	2	75.60	75.35	76.18	0.58	2.67	Yes	-1.08	
	D2-2	D2-3	2.20	4.09	0.55	27.82	6.71	15.09	0.00	15.09	86	24	R.C.P.	0.18%	0.013	9.60	3.1	0.154	0.378	70.81	70.66	4.8	0.442	2	75.35	74.98	76.27	0.92	3.21	Yes	-1.42	
	D2-3	D2-4	0.00	4.09	0.55	27.82	6.71	15.09	0.00	15.09	38	24	R.C.P.	0.18%	0.013	9.60	3.1	0.068	0.168	70.66	70.59	4.8	0.442	2	74.98	74.81	76.56	1.58	3.65	Yes	-2.08	
	D2-4	D2-5	0.00	4.09	0.55	27.82	6.71	15.09	0.00	15.09	73	30	R.C.P.	0.13%	0.013	14.79	3.0	0.094	0.098	70.59	69.99	3.1	0.134	2.5	74.81	74.71	76.25	1.44	3.37	Yes	-1.94	
	D2-5	D2-6	1.14	5.23	0.55	28.38	6.55	19.13	0.00	19.13	139	30	R.C.P.	0.13%	0.013	14.79	3.0	0.181	0.302	69.99	69.81	3.9	0.217	2.5	74.71	74.41	75.97	1.26	3.18	Yes	-1.76	
	D2-6	D2-7	0.12	5.35	0.55	28.44	6.55	19.55	0.00	19.55	150	30	R.C.P.	0.13%	0.013	14.79	3.0	0.195	0.338	69.81	69.62	4.0	0.226	2.5	74.41	74.07	75.94	1.53	3.34	Yes	-2.03	
	D2-7	D2-8	2.59	7.94	0.55	29.40	6.55	28.61	0.00	28.61	138	36	R.C.P.	0.10%	0.013	21.09	3.0	0.138	0.253	69.12	68.96	4.1	0.183	3	74.07	73.82	75.17	1.10	2.72	Yes	-1.60	
	D2-8	D2-9	0.00	7.94	0.55	29.40	6.55	28.61	0.00	28.61	31	42	R.C.P.	0.08%	0.013	28.46	3.0	0.025	0.025	68.48	68.45	3.0	0.080	3.5	73.82	73.79	75.70	1.88	3.35	Yes	-2.33	
	D2-9	D2-10	0.00	7.94	0.55	29.40	6.55	28.61	0.00	28.61	84	42	R.C.P.	0.08%	0.013	28.46	3.0	0.067	0.067	68.45	68.39	3.0	0.080	3.5	73.79	73.72	75.70	1.91	3.37	Yes	-2.41	
	D2-10	D2-11	2.40	10.34	0.55	30.09	6.49	36.89	0.00	36.89	187	42	R.C.P.	0.08%	0.013	28.46	3.0	0.150	0.250	68.39	68.24	3.8	0.133	3.5	73.72	73.47	75.20	1.48	2.94	Yes	-1.98	
	D2-11	D2-12	25.58	35.92	0.45	33.79	6.16	100.13	0.00	100.13	67	54	R.C.P.	0.06%	0.013	48.17	3.0	0.040	0.174	67.21	67.17	6.3	0.258	4.5	73.47	73.30	75.75	2.28	3.58	Yes	-2.78	
	D2-12	Exist. Stub	0.00	35.92	0.45	33.79	6.16	100.13	0.00	100.13	86	54	R.C.P.	0.06%	0.013	48.17	3.0	0.051	0.221	67.17	67.12	6.3	0.258	4.5	73.30	73.08	75.91	2.61	3.78	Yes	-3.11	
Line 2	203	204	1.30	1.30	0.55	25.47	6.96	4.97	0.00	4.97	36	24	R.C.P.	0.56%	0.013	16.91	5.4	0.200	0.017	71.66	71.46	1.6	0.048	2	75.38	75.38	76.16	0.78	2.25	Yes	-2.28	
	D2-2	D2-2	0.90	2.20	0.55	26.49	6.85	8.28	0.00	8.28	6	24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.007	71.46	71.36	2.6	0.134	2	75.38	75.35	76.16	0.60	2.45	Yes	-1.30	
Line 3	205	206	0.89	0.89	0.55	24.80	7.03	3.44	0.00	3.44	28	24	R.C.P.	0.71%	0.013	19.12	6.1	0.200	0.008	71.36	71.16	1.1	0.023	2	74.72	74.71	75.68	1.14	2.25	Yes	-2.64	
	206	D2-5	0.25	1.14	0.55	25.23	6.98	4.38	0.00	4.38	6	24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.002	71.16	71.06	1.4	0.037	2	74.71	74.71	75.68	1.15	2.45	Yes	-1.65	
Line 4	207	208	1.45	1.45	0.55	26.68	6.93	5.63	0.00	5.63	34	24	R.C.P.	0.59%	0.013	17.35	5.6	0.200	0.020	70.56	70.36	1.8	0.059	2	74.10	74.08	75.06	0.96	2.25	Yes	-2.46	
	208	D2-7	1.14	2.59	0.55	26.82	6.81	9.70	0.00	9.70	6	24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.010	70.36	70.26	3.1	0.183	2	74.08	74.07	75.06	0.98	2.45	Yes	-1.48	
Line 5	209	210	1.35	1.35	0.55	25.54	6.95	5.16	0.00	5.16	28	24	R.C.P.	0.71%	0.013	19.12	6.1	0.200	0.014	70.59	70.39	1.6	0.052	2	73.75	73.73	75.09	1.34	2.25	Yes	-2.84	
	210	D2-10	1.05	2.40	0.55	26.67	6.83	9.01	0.00	9.01	6	24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.009	70.39	70.29	2.9	0.158	2	73.73	73.72	75.09	1.38	2.45	Yes	-1.86	
Line 6	211	212	2.15	2.15	0.55	26.44	6.85	8.10	0.00	8.10	37	24	R.C.P.	0.54%	0.013	16.66	5.3	0.200	0.047	70.69	70.69	2.6	0.128	2	76.02	75.98	75.39	-0.63	2.25	Yes	-0.87	
	D2-13	D2-13	1.47	3.62	0.55	27.54	6.74	13.41	0.00	13.41	6	24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.019	70.69	70.59	4.3	0.350	2	75.98	75.96	75.39	-0.59	2.45	Yes	-0.91	
	D2-13	D2-14	10.00	13.62	0.29	30.84	6.42	25.61	0.00	25.61	147	30	R.C.P.	0.13%	0.013	14.79	3.0	0.191	0.569	70.09	69.90	5.2	0.388	2.5	75.96	75.39	75.50	-0.48	2.62	Yes	-1.04	
	D2-14	D2-15	4.35	17.97	0.36	31.63	6.35	40.51	0.00	40.51	177	36	R.C.P.	0.10%	0.013	21.09	3.0	0.177	0.651	69.40	69.22	5.7	0.367	3	75.39	74.74	76.03	0.64	3.30	Yes	-2.14	
	D2-15	D2-16	1.27	19.24	0.37	31.83	6.33	44.61	0.00	44.61	117	36	R.C.P.	0.10%	0.013	21.09	3.0	0.117	0.627	69.22	69.10	6.3	0.449	3	74.74	74.21	75.33	0.59	2.77	Yes	-2.09	
	D2-16	D2-17	0.00	19.24	0.37	31.83	6.33	44.61	0.00	44.61	28	42	R.C.P.	0.08%	0.013	28.46	3.0	0.022	0.054	68.60	68.58	4.7	0.198	3.5	74.21	74.16	75.71	1.50	3.23	Yes	-3.00	
	D2-17	D2-18	2.68	21.82	0.39	32.22	6.29	53.84	0.00	53.84	130	48	R.C.P.	0.07%	0.013	38.00	3.0	0.091	0.181	68.58	68.49	4.3	0.139	4	74.16	73.97	76.02	1.86	3.02	Yes	-3.38	
	D2-18	D2-19	2.09	24.01	0.40	32.50	6.27	60.84	0.00	60.84	86	48	R.C.P.	0.07%	0.013	38.00	3.0	0.060	0.154	68.49	68.43	4.8	0.178	4	73.97	73.82	75.56	1.59	2.65	Yes	-3.09	
	D2-19	D2-20	0.00	24.01	0.40	32.50	6.27	60.84	0.00	60.84	159	54	R.C.P.	0.06%	0.013	48.17	3.0	0.095	0.152	68.43	68.34	3.8	0.095	4.5	73.82	73.67	75.85	2.03	2.46	Yes	-3.53	
	D2-20	D2-21	1.57	25.58	0.41	32.70	6.25	66.06	0.00	66.06	173	54	R.C.P.	0.06%	0.013	48.17	3.0	0.104	0.194	68.34	68.23	4.2	0.112	4.5	73.67	73.47	75.44	1.77	2.15	Yes	-3.27	
Line 7	213	214	1.07	1.07	0.55	25.12	6.99	4.12	0.00	4.12	28	24	R.C.P.	0.71%	0.013	19.12	6.1	0.200	0.009	70.72	70.52	1.3	0.033	2	74.75	74.74	75.22	0.47	2.25	Yes	-1.97	
	D2-15	D2-15	0.20	1.27	0.55	25.43	6.96	4.88	0.00	4.88	6	24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.003	70.52	70.42	1.6	0.046	2	74.74	74.74	75.22	0.48	2.45	Yes	-0.98	
Line 8	215	216	1.28	1.28	0.55	25.44	6.96	4.90	0.00	4.90	28	24	R.C.P.	0.71%	0.013	19.06	6.1	0.200	0.013	70.95	70.75	1.6	0.047	2	73.99	73.98	75.45	1.46	2.25	Yes	-2.90	
	216	D2-18	0.81	2.09	0.55	26.39	6.88	7.88	0.00	7.88	6	24	R.C.P.	1.80%	0.013	28.65	9.1	0.100	0.008	70.75	70.65	2.5	0.121	2	73.98	73.97	75.45	1.47	2.45	Yes		

100 YR HGL @ STUB 73.08 From 2027-1101 Stm Calcs
Total Acreage: 35.92

Mont. Co. Values	
b=	145.71
d=	15.69
e=	0.7898

100 YR FREQUENCY

Line	MANHOLES/ INLETS	Area	Total Area	C Factor	lc min.	I (100 yr) c.f.s.	Q (100 yr) c.f.s.	Add. Q c.f.s.	Total Q c.f.s.	Reach ft.	Box Span in.	Pipe size in.	LINE	Slope %	n	Design Q c.f.s.	Design V f.p.s.	Slope Fail	Friction Loss ft.	Flowline upstrm. elev.	Flowline dnstrm. elev.	Actual V f.p.s.	H.G.L. Slope %	Y ft	Hydr. Grad. upstrm. elev.	TC/NG dnstrm. elev.	TC - H.G ft.	Cover ft.	Method 1 (Y/N)	Ponding		
Line 1 Stm Sys "A"	201	202	1.19	1.19	0.55	25.31	7.76	5.08	0.00	5.08	32	24	R.C.P.	0.62%	0.013	17.81	5.7	0.200	0.016	71.56	71.38	1.8	0.050	2	76.15	76.13	76.06	-0.09	2.25	Yes	-1.41	
	202	D2-1	0.70	1.89	0.55	26.19	7.83	7.93	0.00	7.93	6	24	R.C.P.	1.82%	0.013	30.60	9.7	0.100	0.007	71.36	71.26	2.5	0.122	2	76.13	76.13	76.06	-0.07	2.45	Yes	-1.43	
	D2-1	D2-2	0.00	1.89	0.55	26.19	7.83	7.93	0.00	7.93	250	24	R.C.P.	0.18%	0.013	9.60	3.1	0.450	0.305	71.26	70.81	2.5	0.122	2	76.13	75.82	76.18	0.05	2.67	Yes	-0.55	
	D2-2	D2-3	2.20	4.09	0.55	27.82	7.40	16.65	0.00	16.65	86	24	R.C.P.	0.18%	0.013	9.60	3.1	0.154	0.461	70.81	70.66	5.3	0.539	2	76.82	75.36	76.27	0.45	3.21	Yes	-0.85	
	D2-3	D2-4	0.00	4.09	0.55	27.82	7.40	16.65	0.00	16.65	38	24	R.C.P.	0.18%	0.013	9.60	3.1	0.068	0.204	70.66	70.59	5.3	0.539	2	75.36	75.16	76.56	1.20	3.65	Yes	-1.70	
	D2-4	D2-5	0.00	4.09	0.55	27.82	7.40	16.65	0.00	16.65	73	30	R.C.P.	0.13%	0.013	14.79	3.0	0.094	0.119	70.09	69.99	3.4	0.164	2.5	75.16	75.04	76.25	1.09	3.37	Yes	-1.59	
	D2-5	D2-6	1.14	5.23	0.55	28.38	7.33	21.08	0.00	21.08	139	30	R.C.P.	0.13%	0.013	14.79	3.0	0.181	0.365	69.99	69.81	4.3	0.262	2.5	75.04	74.67	75.97	0.93	3.18	Yes	-1.43	
	D2-6	D2-7	0.12	5.35	0.55	28.44	7.32	21.54	0.00	21.54	150	30	R.C.P.	0.13%	0.013	14.79	3.0	0.195	0.412	69.81	69.62	4.4	0.275	2.5	74.67	74.26	75.94	1.27	3.34	Yes	-1.77	
	D2-7	D2-8	2.68	7.94	0.55	29.40	7.20	31.42	0.00	31.42	138	36	R.C.P.	0.10%	0.013	21.09	3.0	0.138	0.366	69.12	68.98	4.5	0.221	3	74.26	73.96	76.17	0.91	2.72	Yes	-1.41	
	D2-8	D2-9	0.00	7.94	0.55	29.40	7.20	31.42	0.00	31.42	31	42	R.C.P.	0.08%	0.013	28.46	3.0	0.025	0.031	68.48	68.45	3.3	0.097	3.5	73.96	73.93	75.70	1.74	3.35	Yes	-2.24	
	D2-9	D2-10	0.00	7.94	0.55	29.40	7.20	31.42	0.00	31.42	64	42	R.C.P.	0.08%	0.013	28.46	3.0	0.067	0.082	68.45	68.39	3.3	0.097	3.5	73.93	73.84	75.70	1.77	3.37	Yes	-2.27	
	D2-10	D2-11	2.40	10.34	0.55	30.69	7.11	40.44	0.00	40.44	187	42	R.C.P.	0.08%	0.013	28.46	3.0	0.150	0.300	68.39	68.24	4.2	0.160	3.5	73.84	73.54	75.20	1.36	2.94	Yes	-1.86	
	D2-11	D2-12	25.58	35.92	0.45	33.79	6.69	108.71	0.00	108.71	67	54	R.C.P.	0.06%	0.013	48.17	3.0	0.040	0.204	67.21	67.17	6.8	0.303	4.5	73.54	73.54	75.75	2.21	3.58	Yes	-2.71	
D2-12	Exist. Stub	0.00	35.92	0.45	33.79	6.69	108.71	0.00	108.71	86	54	R.C.P.	0.06%	0.013	48.17	3.0	0.051	0.260	67.17	67.12	6.8	0.303	4.5	73.34	73.08	75.91	2.57	3.78	Yes	-3.07		
Line 2	203	204	1.30	1.30	0.55	26.47	7.73	5.63	0.00	5.63	36	24	R.C.P.	0.56%	0.013	16.91	5.4	0.200	0.021	71.66	71.46	1.8	0.059	2	75.85	75.83	76.16	0.31	2.25	Yes	-1.81	
	204	D2-2	0.90	2.20	0.55	26.49	7.59	9.18	0.00	9.18	6	24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.009	71.46	71.36	2.9	0.164	2	75.83	75.82	76.16	0.33	2.46	Yes	-0.83	
Line 3	205	206	0.89	0.89	0.55	24.80	7.83	3.84	0.00	3.84	28	24	R.C.P.	0.71%	0.013	19.12	6.1	0.200	0.008	71.36	71.16	1.2	0.029	2	75.05	75.04	75.86	0.81	2.25	Yes	-2.31	
	206	D2-5	0.25	1.14	0.55	25.23	7.77	4.87	0.00	4.87	6	24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.003	71.16	71.06	1.6	0.046	2	75.04	75.04	75.86	0.82	2.45	Yes	-1.32	
Line 4	207	208	1.45	1.45	0.55	26.68	7.70	6.14	0.00	6.14	34	24	R.C.P.	0.59%	0.013	17.35	5.5	0.200	0.025	70.96	70.96	2.0	0.074	2	74.30	74.27	75.06	0.76	2.25	Yes	-2.26	
	208	D2-7	1.14	2.59	0.55	26.82	7.54	10.74	0.00	10.74	6	24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.012	70.96	70.26	3.4	0.224	2	74.27	74.26	75.06	0.79	2.45	Yes	-1.29	
Line 5	209	210	1.35	1.35	0.55	25.54	7.72	5.73	0.00	5.73	28	24	R.C.P.	0.71%	0.013	19.12	6.1	0.200	0.011	70.99	70.99	1.8	0.064	2	73.87	73.85	75.09	1.22	2.25	Yes	-2.72	
	210	D2-10	1.05	2.40	0.55	26.67	7.56	9.98	0.00	9.98	6	24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.018	70.99	70.39	3.2	0.194	2	73.85	73.84	75.09	1.24	2.45	Yes	-1.74	
Line 6	211	212	2.15	2.15	0.55	26.44	7.59	8.98	0.00	8.98	37	24	R.C.P.	0.54%	0.013	16.66	5.3	0.200	0.058	70.89	70.69	2.9	0.157	2	76.58	76.52	75.39	-1.19	2.25	Yes	-0.31	
	212	D2-13	1.47	3.62	0.55	27.54	7.44	14.81	0.00	14.81	6	24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.023	70.69	70.59	4.7	0.426	2	76.52	76.50	75.39	-1.13	2.45	Yes	-0.37	
	D2-13	D2-14	10.00	13.62	0.29	30.84	7.02	28.02	0.00	28.02	147	30	R.C.P.	0.13%	0.013	14.79	3.0	0.191	0.681	70.09	69.90	5.7	0.464	2.5	76.50	76.52	75.50	-1.00	2.62	Yes	-0.50	
	D2-14	D2-15	4.35	17.97	0.36	31.63	6.93	44.22	0.00	44.22	177	36	R.C.P.	0.10%	0.013	21.09	3.0	0.177	0.777	69.40	69.22	6.3	0.438	3	75.82	75.04	76.03	0.21	3.30	Yes	-1.71	
	D2-15	D2-16	1.27	19.24	0.37	31.83	6.90	48.89	0.00	48.89	117	36	R.C.P.	0.10%	0.013	21.09	3.0	0.117	0.627	69.22	69.10	6.9	0.535	3	75.04	74.42	75.33	0.29	2.77	Yes	-1.79	
	D2-16	D2-17	0.00	19.24	0.37	31.83	6.90	48.89	0.00	48.89	28	42	R.C.P.	0.08%	0.013	28.46	3.0	0.022	0.065	68.60	68.58	5.1	0.235	3.5	74.42	74.35	75.71	1.29	3.23	Yes	-2.79	
	D2-17	D2-18	2.68	21.92	0.39	32.22	6.86	58.69	0.00	58.69	130	48	R.C.P.	0.07%	0.013	38.00	3.0	0.091	0.215	68.58	68.49	4.7	0.166	4	74.35	74.14	76.02	1.67	3.02	Yes	-3.17	
	D2-18	D2-19	2.09	24.61	0.40	32.50	6.83	66.27	0.00	66.27	86	48	R.C.P.	0.07%	0.013	38.00	3.0	0.060	0.182	68.49	68.43	5.3	0.211	4	74.14	73.95	75.56	1.42	2.65	Yes	-2.92	
	D2-19	D2-20	0.00	24.61	0.40	32.50	6.83	66.27	0.00	66.27	159	54	R.C.P.	0.06%	0.013	48.17	3.0	0.095	0.180	68.43	68.34	4.2	0.113	4.5	73.95	73.77	75.85	1.90	2.46	Yes	-3.40	
	D2-20	D2-11	1.57	25.58	0.41	32.70	6.81	71.93	0.00	71.93	173	54	R.C.P.	0.06%	0.013	48.17	3.0	0.104	0.230	68.34	68.23	4.5	0.133	4.5	73.77	73.54	75.44	1.67	2.16	Yes	-3.17	
	Line 7	213	214	1.07	1.07	0.55	25.12	7.79	4.58	0.00	4.58	28	24	R.C.P.	0.71%	0.013	19.12	6.1	0.200	0.011	70.72	70.52	1.5	0.041	2	75.06	75.05	75.22	0.16	2.25	Yes	-1.66
		214	D2-15	0.20	1.27	0.55	25.43	7.74	5.41	0.00	5.41	6	24	R.C.P.	1.82%	0.013	30.50	9.7	0.100	0.003	70.52	70.42	1.7	0.057	2	75.05	75.04	75.22	0.17	2.45	Yes	-0.67
	Line 8	215	216	1.28	1.28	0.55	25.44	7.74	5.45	0.00	5.45	28	24	R.C.P.	0.71%	0.013	19.06	6.1	0.200	0.016	70.95	70.75	1.7	0.057	2	74.16	74.15	75.45	1.29	2.25	Yes	-2.79
216		D2-18	0.81	2.09	0.55	26.39	7.60	8.74	0.00	8.74	6	24	R.C.P.	1.60%	0.013	28.85	9.1	0.100	0.009	70.75	70.65	2.8	0.148	2	74.15	74.14	75.45	1.30	2.45	Yes	-1.80	
Line 9	217	218	0.75	0.75	0.55	24.51	7.88	3.25	0.00	3.25	38	24	R.C.P.	0.53%	0.013	16.44	5.2	0.200	0.008	70.83	70.63	1.0										

STA 0+86.04 (73.15' RT.)
CONTRACTOR SHALL REMOVE EXISTING
PLUG & CLAMP AND BLOW OFF VALVE
AND CONNECT PROPOSED 8" WATER LINE
TO EXISTING 6" WATER LINE

STA 0+98.95 (62.76' RT.)
1-8" X 11.25' BEND

STA 2+11.04 (17.00' RT.)
1-6" GATE VALVE & BOX
1-FLUSHING VALVE
(SEE SHEET NO. 24)

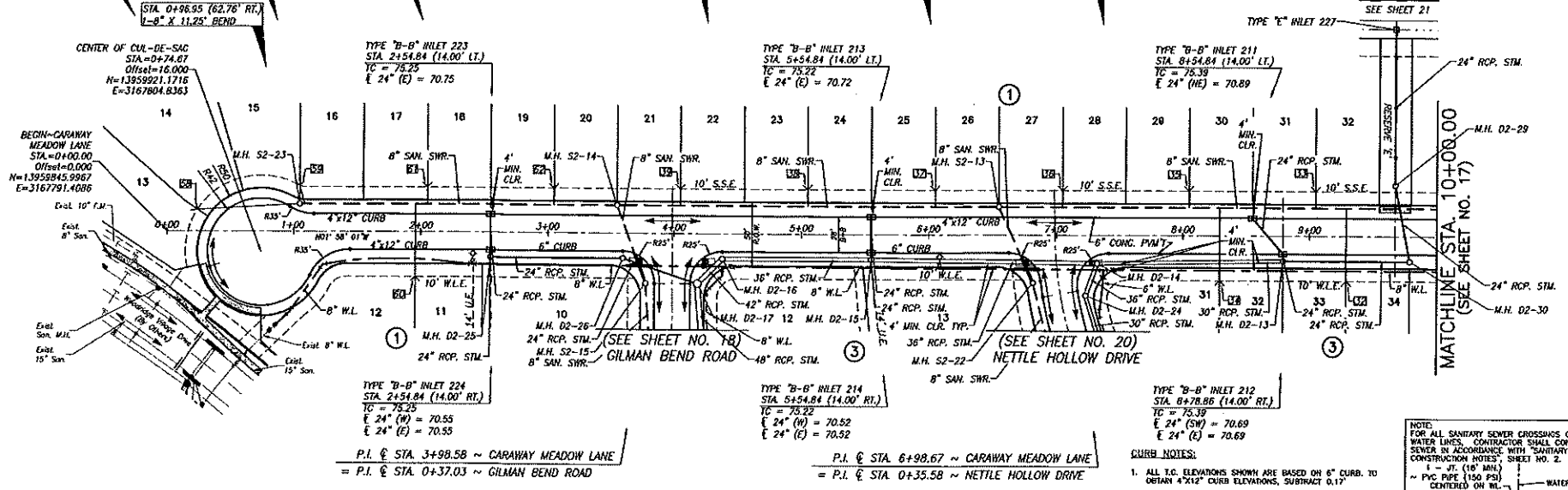
STA 4+37.73 (25.48' RT.)
1-8" X 8" TEE (D.I.)
2-8" GATE VALVE & BOX

STA 6+08.44 (17.00' RT.)
1-8" X 8" TEE
1-8" GATE VALVE & BOX
1-FLUSHING VALVE
(SEE SHEET NO. 24)

STA 7+37.35 (26.91' RT.)
1-8" X 8" TEE (D.I.)
1-8" GATE VALVE & BOX

P.I. @ STA. 9+67.35 ~ CARAWAY - KENSWORTH
= P.I. @ STA. 1+69.37 ~ SWALE INLET

STATION	INLET TYPE	INLET SIZE	ELEVATION
13	8" SAN. SWR.	8"	71.29
14	8" SAN. SWR.	8"	71.29
15	8" SAN. SWR.	8"	71.29
16	8" SAN. SWR.	8"	71.29
17	8" SAN. SWR.	8"	71.29
18	8" SAN. SWR.	8"	71.29
19	8" SAN. SWR.	8"	71.29
20	8" SAN. SWR.	8"	71.29
21	8" SAN. SWR.	8"	71.29
22	8" SAN. SWR.	8"	71.29
23	8" SAN. SWR.	8"	71.29
24	8" SAN. SWR.	8"	71.29
25	8" SAN. SWR.	8"	71.29
26	8" SAN. SWR.	8"	71.29
27	8" SAN. SWR.	8"	71.29
28	8" SAN. SWR.	8"	71.29
29	8" SAN. SWR.	8"	71.29
30	8" SAN. SWR.	8"	71.29
31	8" SAN. SWR.	8"	71.29
32	8" SAN. SWR.	8"	71.29



BENCHMARK:
MONTPEN 020115 - A BRASS BENCH STAMPED RM
020245, SET IN THE NORTH END OF A CONCRETE
FOUNDATION AT THE INTERSECTION OF JOCKEY PAVES &
NORTH PARK IN MONTGOMERY COUNTY, TEXAS. S&W
MEASUREMENT IS ON THE EAST SIDE OF THE HORIZONTAL
PLANE OF HIGHER ELEVATION.
ELEVATION = 89.66 FEET (NAD-83 (2011 ADJ.))

NOTES:
1. ALL SANITARY SEWER CROSSINGS OF ALL
WATER LINES, CONTRACTOR SHALL CONSTRUCT
SEWER IN ACCORDANCE WITH "SANITARY SEWER
CONSTRUCTION NOTES", SHEET NO. 2.
2. INTERIOR CONCRETE CURBS SHALL BE INSTALLED AT
AREAS ADJACENT TO RESERVOIRS, SOILLOTS, AND ON
COLLECTOR ROADS, GREYER TO FINISH, GRANITE AND
PERMANENT SIGNAGE (SEE SHEET NO. 24)

CONTRACTORS RECORD DRAWING
I CERTIFY THAT THIS DRAWING REFLECTS THE
IMPROVEMENTS CONSTRUCTED AS TO SIZE,
LOCATION AND GRADE AND THAT THE
CONSTRUCTION WAS IN FULL COMPLIANCE WITH
THE CONTRACT DOCUMENTS

RECORD DRAWING
I CERTIFY THAT THIS DRAWING REFLECTS THE
IMPROVEMENTS CONSTRUCTED AS TO SIZE,
LOCATION AND GRADE AND THAT THE
CONSTRUCTION WAS IN FULL COMPLIANCE WITH
THE CONTRACT DOCUMENTS

MONTGOMERY COUNTY
ENGINEERING DEPARTMENT
APPROVED: *[Signature]*
DATE: 11/11/18

DATE	REVISION	BY
11/11/18	1 - INITIAL	CELESTINE A

CITY OF HOUSTON
HOUSTON PUBLIC WORKS
PLAT NAME: WOODRIDGE VILLAGE SECTION 2
CPC NO. 101 FILE NO.
ILMS NO. 18060133 C.O.H. LOG NO. 18-1108
WOODRIDGE MUNICIPAL UTILITY DISTRICT
WOODRIDGE VILLAGE
SECTION 2
CARAWAY MEADOW LANE
STA. 0+00 ~ 10+00

LJA Engineering, Inc.
2929 Bearpark Drive
Houston, Texas 77042
Phone 713.953.5200
Fax 713.953.5076
FPIA - E-1386

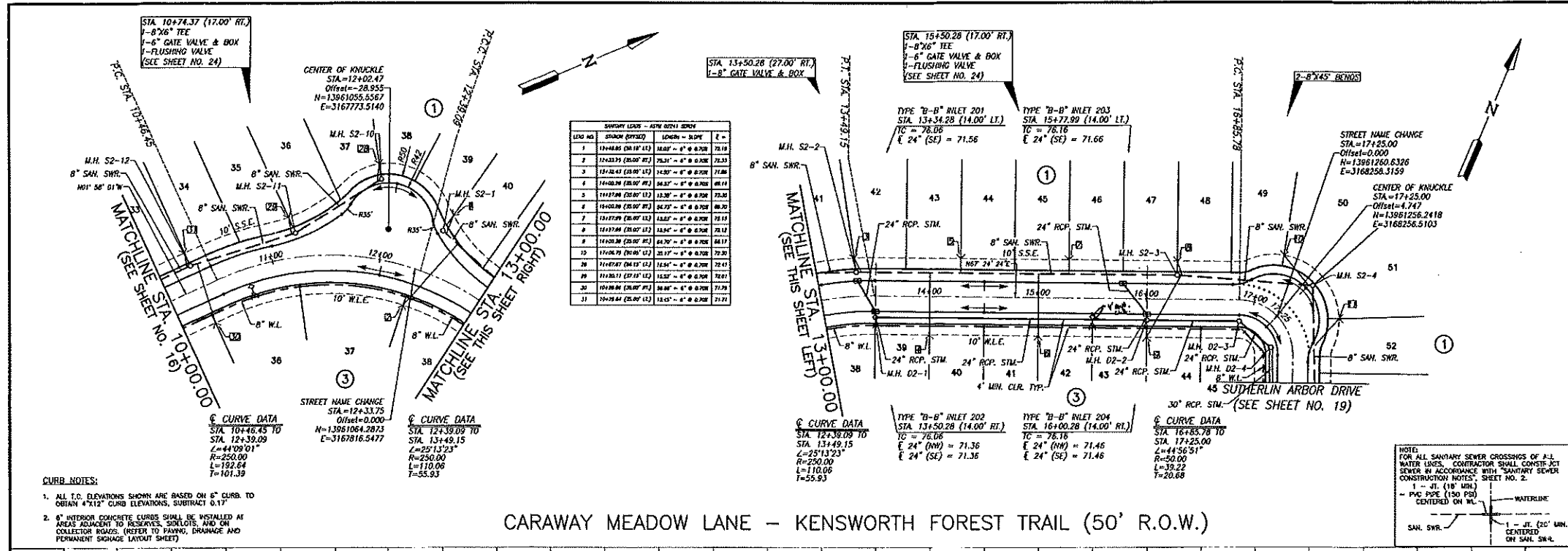
DESIGNED BY: AC
DRAWN BY: AC
DATE: AUGUST 2018
NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY
AFTER DATE OF SIGNATURES

CITY OF HOUSTON
HOUSTON PUBLIC WORKS
WATER: *[Signature]* 08/16/18
SEWER: *[Signature]* 3/16/17
STORM: *[Signature]* 02/15/18

FILE NO. FOR CITY OF HOUSTON USE ONLY
DRAWING SCALE
SCALE: HORIZ 1" = 8'
VERT: 1" = 8'
SHEET NO. 16 of 31

Date/Time: Thu, 18 Aug 2018 10:22:00 User Name: j.escor
 Path Name: E:\Projects\2017\1108 - Woodridge Village Sec 2\DWG_Sheet_Plan\16-2017-1108_PWP.dwg

WOODRIDGE VILLAGE SECTION 2 - JOB NO. 2017-1102



STATION	PIPE SIZE	LENGTH	SLOPE	ELEVATION
1	12" RCP	10.00	0.01	78.18
2	12" RCP	10.00	0.01	78.18
3	12" RCP	10.00	0.01	78.18
4	12" RCP	10.00	0.01	78.18
5	12" RCP	10.00	0.01	78.18
6	12" RCP	10.00	0.01	78.18
7	12" RCP	10.00	0.01	78.18
8	12" RCP	10.00	0.01	78.18
9	12" RCP	10.00	0.01	78.18
10	12" RCP	10.00	0.01	78.18
11	12" RCP	10.00	0.01	78.18
12	12" RCP	10.00	0.01	78.18
13	12" RCP	10.00	0.01	78.18
14	12" RCP	10.00	0.01	78.18
15	12" RCP	10.00	0.01	78.18
16	12" RCP	10.00	0.01	78.18
17	12" RCP	10.00	0.01	78.18
18	12" RCP	10.00	0.01	78.18
19	12" RCP	10.00	0.01	78.18
20	12" RCP	10.00	0.01	78.18
21	12" RCP	10.00	0.01	78.18
22	12" RCP	10.00	0.01	78.18
23	12" RCP	10.00	0.01	78.18
24	12" RCP	10.00	0.01	78.18
25	12" RCP	10.00	0.01	78.18
26	12" RCP	10.00	0.01	78.18
27	12" RCP	10.00	0.01	78.18
28	12" RCP	10.00	0.01	78.18
29	12" RCP	10.00	0.01	78.18
30	12" RCP	10.00	0.01	78.18
31	12" RCP	10.00	0.01	78.18

- CURB NOTES:**
- ALL T.O. ELEVATIONS SHOWN ARE BASED ON 6" CURB TO OBTAIN 4"x12" CURB ELEVATIONS, SUBTRACT 0.17"
 - INTERIOR CONCRETE CURBS SHALL BE INSTALLED IN AREAS ADJACENT TO RESERVES, SLOTTES, AND ON COLLECTOR RIGIDS. (REFER TO PAVING, DRAINAGE AND PERMANENT SIGNAGE LAYOUT SHEET)

CARAWAY MEADOW LANE - KENSWORTH FOREST TRAIL (50' R.O.W.)

BENCHMARK:
 T&EP R# NO. 020115 - A BRASS DISK STAMPED R# 020115 SET IN THE NORTH END OF A CONCRETE HEADWALL AT THE INTERSECTION OF HIDDEN PAVES & NORTH PARK MONUMENTARY COUNTY TEXAS. SAID HEADWALL IS ON THE EAST SIDE OF THE NORTHBOUND LANE OF HIDDEN PAVES.
 ELEVATION = 69.66 FEET (NAVD-88 (2001 ADJ))

NOTES:

- SEE SPECIFICATIONS SHALL BE PAID ON BOTH SIDES OF STREET DURING SOME CONSTRUCTION PHASE. ALL PROP. 3-TI SIDEWALKS SHALL BE WITH R.C.P. ALL NECESSARY PERMITS FOR SIDEWALK CONSTRUCTION SHALL BE OBTAINED PRIOR TO HOME CONSTRUCTION. PLEASE SEE LOCAL DIST. NO. 00725-01. ALL SIDEWALKS SHALL MEET CITY OF HOUSTON SPECIFICATIONS. SIDEWALKS TO BE MAINTAINED BY HOMEOWNER.
- REFER TO PAVING, DRAINAGE AND PERMANENT SIGNAGE LAYOUT SHEET FOR SIDEWALK, WHEELCHAIR RAMP AND SIGNAGE LOCATIONS.
- MAN HOLE THE ELEVATIONS SHOWN ON PLAN ARE APPROXIMATE. ONLY UTILITIES CONTRACTOR SHALL ADJUST MAN HOLE RIM TO 0.3" ABOVE FINISHED GRADE.
- CONTRACTOR SHALL FIELD VERIFY FINISHES OF ALL EXISTING SANITARY SEWER, STORM SEWER, AND WATER LINES BEFORE TYPING.

CONTRACTORS RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

DATE _____

RECORD DRAWING

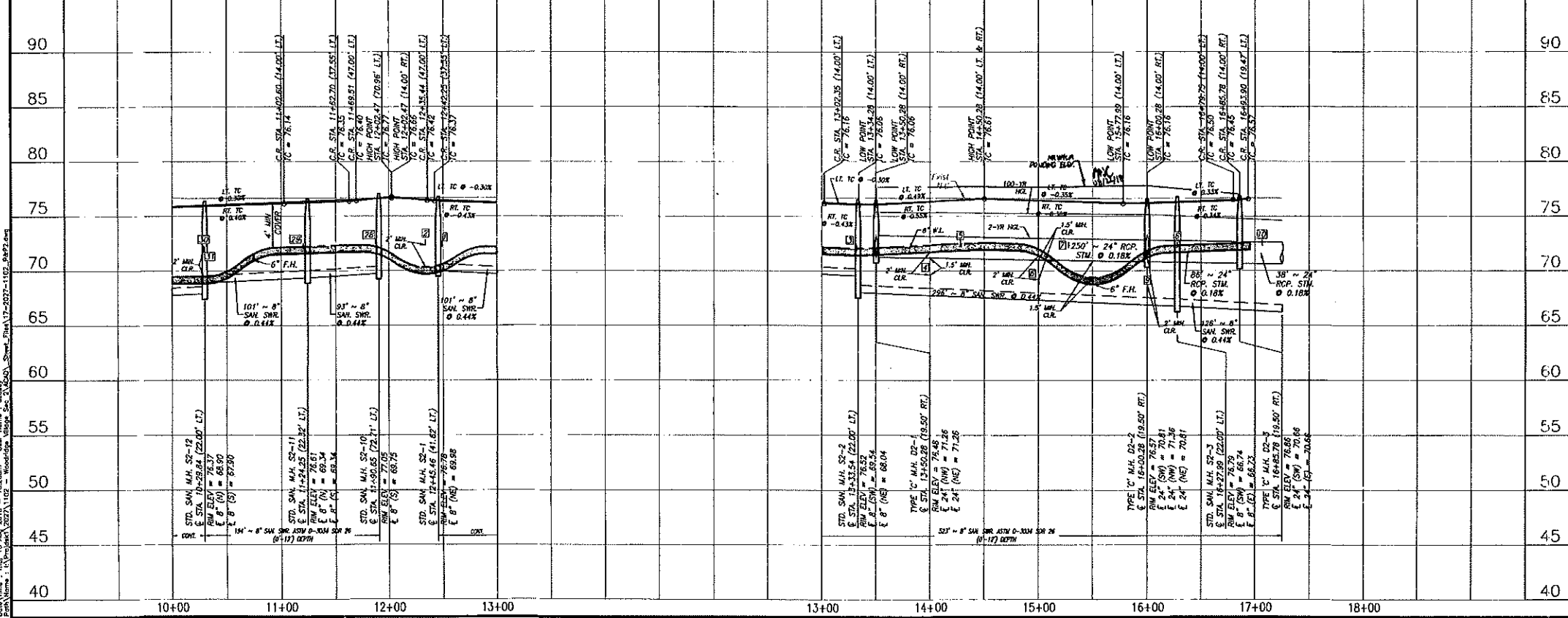
I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

DATE _____

MONTGOMERY COUNTY
 ENGINEERING DEPARTMENT

Approved: _____
 Date: _____

DATE _____ **REVISION** _____ **BY** _____



CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____

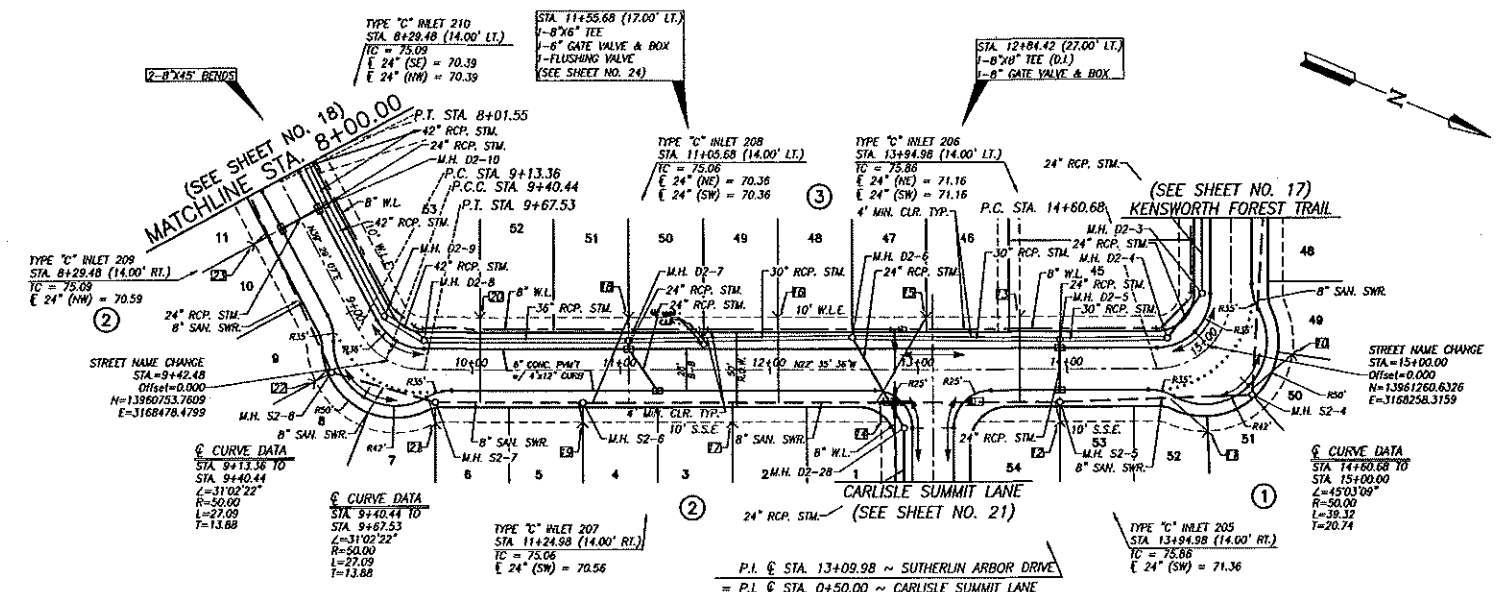
FILE NO. _____

DRAWING SCALE
 HORIZ. 1" = 50'
 VERT. 1" = 5'

SHEET NO. 17 OF 31

Date/Time: Thu, 16 Aug 2018 10:26:00am User: Name: J. GARDNER
 Path/Name: I:\Projects\2017\1027 - Woodridge Village Sec. 2\DWG\Sheet_Plan_17-2017-1102_0487.dwg

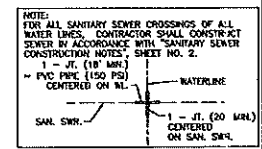
WOODRIDGE VILLAGE SECTION 2 - JOB NO. 2017-1102



STATION	DEPTH	DIAMETER	LENGTH	DATE
11	10.00	36"	10.00	08/21/18
12	10.00	36"	10.00	08/21/18
13	10.00	36"	10.00	08/21/18
14	10.00	36"	10.00	08/21/18
15	10.00	36"	10.00	08/21/18
16	10.00	36"	10.00	08/21/18
17	10.00	36"	10.00	08/21/18
18	10.00	36"	10.00	08/21/18
19	10.00	36"	10.00	08/21/18
20	10.00	36"	10.00	08/21/18
21	10.00	36"	10.00	08/21/18
22	10.00	36"	10.00	08/21/18
23	10.00	36"	10.00	08/21/18

- CURB NOTES:**
- ALL T.C. ELEVATIONS SHOWN ARE BASED ON 6" CURB TO OBTAIN 4" RISE ELEVATIONS, SUBTRACT 0.17'
 - 8" INTERIOR CONCRETE CURBS SHALL BE INSTALLED AT AREAS ADJACENT TO RESERVES, SOLETS, AND ON COLLECTION ROADS. REFER TO PAVING, DRAINAGE AND PERMANENT SOURCE LAYOUT SHEET

GILMAN BEND ROAD - SUTHERLIN ARBOR DRIVE (50' R.O.W.)



BENCHMARK:
 15888 B.M. NO. 020115 - A BRASS DISK STAMPED RM 020115 SET IN THE NORTH END OF A CONCRETE HEADWALL AT THE INTERSECTION OF HOODS PINE & NORTH PARK IN MONTGOMERY COUNTY, TEXAS. THE HEADWALL IS ON THE EAST SIDE OF THE NORTHBOUND LANE OF HOODS PINE.
 ELEVATION = 69.66 FEET (NAVD-88 (2011 ADJ))

CONTRACTORS RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

MONTGOMERY COUNTY ENGINEERING DEPARTMENT

DATE: 08/21/18
 BY: A.M.K.

STATE OF TEXAS
 ALYSSA H. CAMPBELL
 179292
 LICENSED PROFESSIONAL ENGINEER
 08/21/18

PLAT NAME: WOODRIDGE VILLAGE SECTION 2
 CPC 101 FILE NO.
 IAMS NO. 1806133 C.O.H. LOG NO. 18-1108
 WOODRIDGE MUNICIPAL UTILITY DISTRICT
 WOODRIDGE VILLAGE SECTION 2
 GILMAN BEND ROAD STA. 8+00 TO 9+42.48 SUTHERLIN ARBOR DRIVE STA. 9+42.48 TO 15+00

LJA Engineering, Inc.
 2628 Blairpark Drive Phone 713.953.5200
 Suite 600 Fax 713.953.5028
 Houston, Texas 77042 FRN - F-1386

LJA PROJECT NO.: 2017-1102
 DESIGNED BY: AC DRAWN BY: DATE: AUGUST 2018
 NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS
 STORMWATER QUALITY
 FACILITIES
 HOUSTON WATER
 PLANT & STREET & BRIDGE
 MAINTENANCE AND DRAINAGE OPERATIONS

FILE NO. FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE
 SCALE: HORIZ. 1" = 60'
 VERT. 1" = 5'

SHEET NO. 19 of 31

Date/Time: Thu, 16 Aug 2018, 10:33:50m User Name: j.terry
 Path Name: I:\Projects\2017\1102 - Woodridge Village Section 2\DWG\19.dwg
 Plot Name: I:\Projects\2017\1102 - Woodridge Village Section 2\DWG\19.dwg

WOODRIDGE VILLAGE SECTION 2 JOB NO. 2017-1102

POINTS 1-4 REFER TO NETTLE HOLLOW DRIVE ALIGNMENT
POINTS 5-10 REFER TO NETTLE HOLLOW DRIVE WEST ALIGNMENT

POINT	STA. & OFFSET	POINT	STA. & OFFSET
1	1130.36 (1141' RL)	7	2130.26 (2137' RL)
2	1141.18 (1147' RL)	8	2141.76 (1157' RL)
3	1151.53 (1157' RL)	9	2151.49 (1157' RL)
4	1162.27 (1167' RL)	10	2161.76 (1157' RL)

STA 0+73.58 (35.82' LT.)
1-6" GATE VALVE & BOX
1-6"X22.5' BEND

STA 3+75.84 (31.76' LT.)
1-6"X6" TEE
1-6" GATE VALVE & BOX
1-6"X22.5' BEND

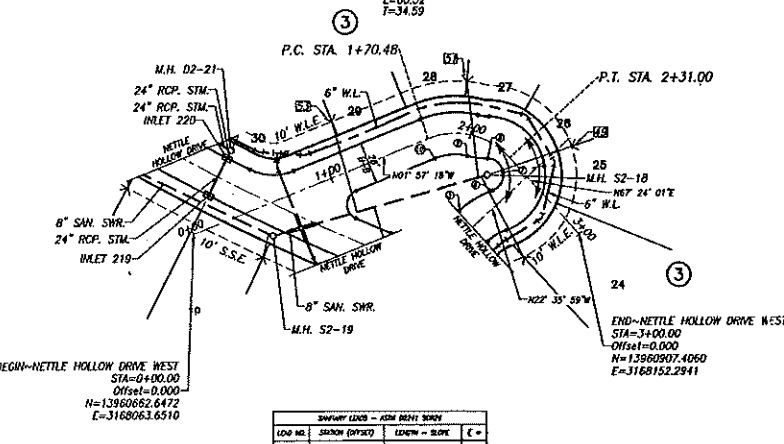
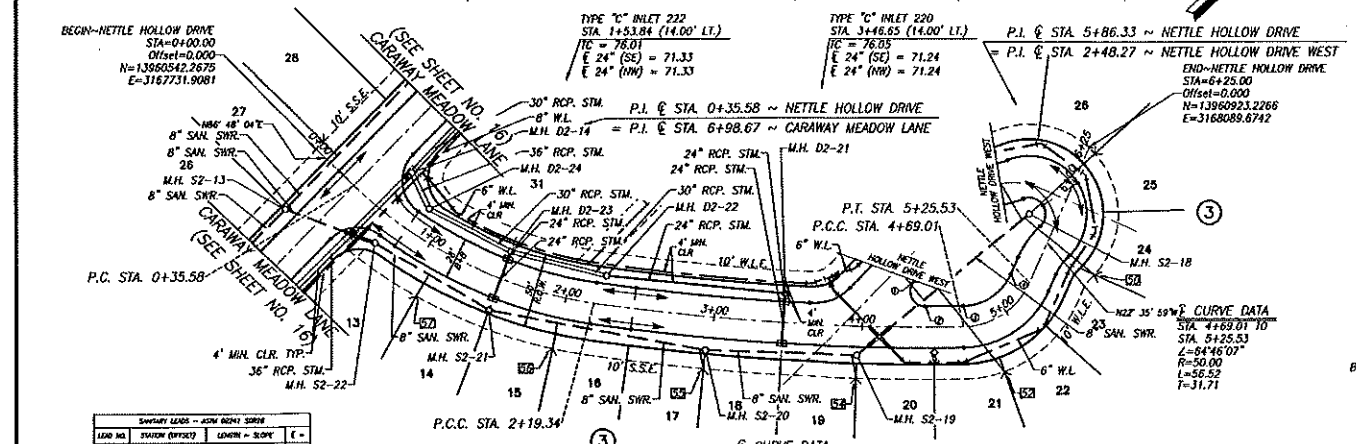
STA 4+49.23 (17.00' RT.)
1-6"X6" TEE
1-6" GATE VALVE & BOX
1-FLUSHING VALVE
(SEE SHEET NO. 24)

5-6"X45' BEND
1-6"X22.5' BEND
1-6"X11.25' BEND

CURB NOTES:

- ALL I.C. ELEVATIONS SHOWN ARE BASED ON 6" CURB. TO OBTAIN 4"x12" CURB ELEVATIONS, SUBTRACT 0.17'
- 8" OUTSIDE CONCRETE CURBS SHALL BE INSTALLED AT AREAS ADJACENT TO RESIDENCES, SIDEWALKS, AND/OR COLLECTOR ROADS. (REFER TO PAVING, DRAINAGE AND PERMANENT SIGNAGE LAYOUT SHEET)

CURVE DATA
STA 1+70.48 TO STA 2+31.00
L=62.11'
R=50.00
L=60.52
T=34.59



SEWER LINES - JOIN WITH SHEET

LINE NO.	START (STATION)	END (STATION)	SIZE	TYPE
28	0+00.00	0+73.58	8"	W.L.
29	0+73.58	1+70.48	8"	W.L.
30	1+70.48	2+31.00	8"	W.L.
31	2+31.00	3+75.84	8"	W.L.
32	3+75.84	4+49.23	8"	W.L.
33	4+49.23	5+25.53	8"	W.L.
34	5+25.53	6+00.00	8"	W.L.
35	6+00.00	7+00.00	8"	W.L.

CURVE DATA
STA 0+73.58 TO STA 1+70.48
L=96.90'
R=50.00
L=60.52
T=34.59

CURVE DATA
STA 1+70.48 TO STA 2+31.00
L=62.11'
R=50.00
L=60.52
T=34.59

CURVE DATA
STA 2+31.00 TO STA 3+75.84
L=104.84'
R=50.00
L=60.52
T=34.59

CURVE DATA
STA 3+75.84 TO STA 4+49.23
L=73.40'
R=50.00
L=60.52
T=34.59

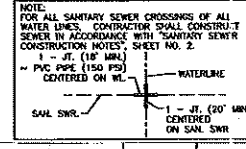
CURVE DATA
STA 4+49.23 TO STA 5+25.53
L=76.30'
R=50.00
L=60.52
T=34.59

CURVE DATA
STA 5+25.53 TO STA 6+00.00
L=74.47'
R=50.00
L=60.52
T=34.59

CURVE DATA
STA 6+00.00 TO STA 7+00.00
L=100.00'
R=50.00
L=60.52
T=34.59

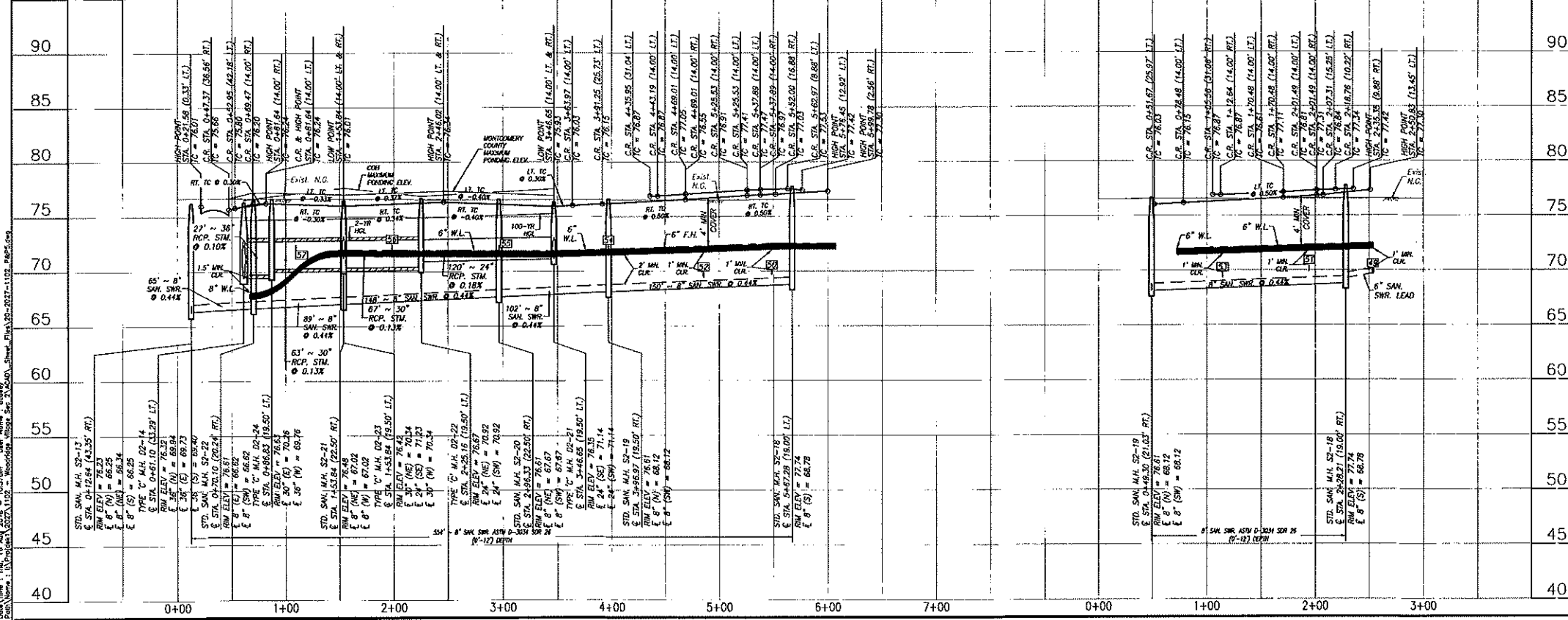
SEWER LINES - JOIN WITH SHEET

LINE NO.	START (STATION)	END (STATION)	SIZE	TYPE
36	0+00.00	0+73.58	8"	W.L.
37	0+73.58	1+70.48	8"	W.L.
38	1+70.48	2+31.00	8"	W.L.
39	2+31.00	3+75.84	8"	W.L.
40	3+75.84	4+49.23	8"	W.L.
41	4+49.23	5+25.53	8"	W.L.
42	5+25.53	6+00.00	8"	W.L.
43	6+00.00	7+00.00	8"	W.L.



NETTLE HOLLOW DRIVE (50' R.O.W.)

NETTLE HOLLOW DRIVE WEST (R.O.W. VARIES)



BENCHMARK:
CITY OF HOUSTON - 020115 - A BRASS DISK STAMPED RW 070245, SET IN THE NORTH END OF A CONCRETE HEADWALL AT THE INTERSECTION OF PROSPECT PARKS & NORTH PARK IN MONTGOMERY COUNTY TEXAS. SHOWN HEREON IS ON THE EAST SIDE OF THE NORTHWARD LANE OF HOUSTON PARKS.

ELEVATION = 69.88 FEET (NAVD-88 (2001 ADJ))

NOTES:

- 3-1/2" SOREPLAST SHALL BE BUILT ON BOTH SIDES OF STREET DURING HOME CONSTRUCTION PHASE. ALL PROP. 5-ET SOREPLAST SHALL BE WITHIN 0.5' OF NECESSARY PROTECTIVE CURBS. CONSTRUCTION SHALL BE OBTAINED PRIOR TO HOME CONSTRUCTION. PLEASE SEE CITY OF HOUSTON SPECIFICATIONS. SOREPLAST SHALL BE MAINTAINED BY HOA.
- REFER TO PAVING, DRAINAGE AND PERMANENT SIGNAGE LAYOUT SHEET FOR SIDEWALK, WHEELCHAIR RAMP AND SIGNAGE LOCATIONS.
- MAN HOLE RIM ELEVATIONS SHOWN ON PLAN ARE APPROXIMATE. ONLY UTILITIES CONTRACTOR SHALL ADJUST MAN HOLE RIM TO 0.3' ABOVE FINISHED GRADE.
- CONTRACTOR SHALL FIELD VERIFY PROFILES OF ALL EXISTING SANITARY SEWER, STORM SEWER, AND WATER LINES WHERE THEY INTERSECT.

CONTRACTORS RECORD DRAWING

I HEREBY CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

DATE: _____
BY: _____

RECORD DRAWING

I HEREBY CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

DATE: _____
BY: _____

MONTGOMERY COUNTY ENGINEERING DEPARTMENT

Approved: _____
One

STATE OF TEXAS
MAYRA M. CAMPBELL
172925
LICENSED PROFESSIONAL ENGINEER

06/21/18
08/16/18

PLAT NAME: WOODRIDGE VILLAGE SECTION 2
CPC 101 FILE NO.
RMS NO. 18060133 C.O.H. LOG NO. 18-1108
WOODRIDGE MUNICIPAL UTILITY DISTRICT
WOODRIDGE VILLAGE SECTION 2
NETTLE HOLLOW DRIVE
STA. 0+00 TO 6+25
NETTLE HOLLOW DRIVE WEST
STA. 0+00 TO 3+00

LJA Engineering, Inc.
2070 Blarney Drive
Suite 600
Houston, Texas 77042
Phone 713.953.5200
Fax 713.553.5206
FPH-1-1388

LJA PROJECT NO.: 2027-1102
DESIGNED BY: AC
DRAWN BY: AC
DATE: AUGUST 2018

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

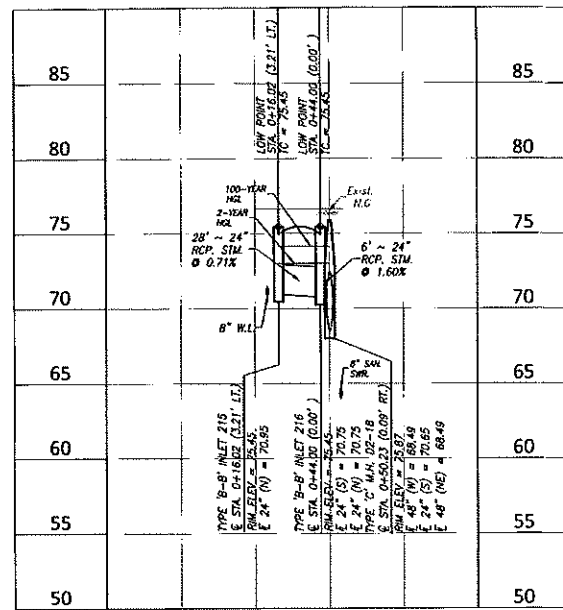
DATE: 08-16-18
TIME: 8:16:17
PROJECT: TRANSPORTATION AND DRAINAGE OPERATIONS

FILE NO. _____
FOR CITY OF HOUSTON USE ONLY

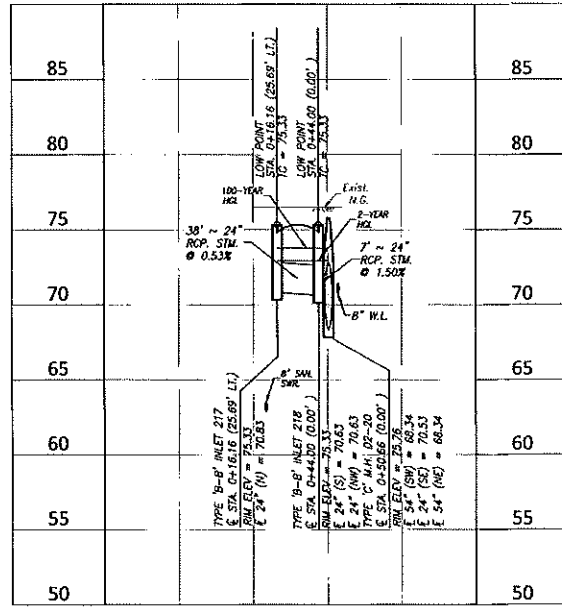
DRAWING SCALE:
SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'

SHEET NO. 20 OF 31

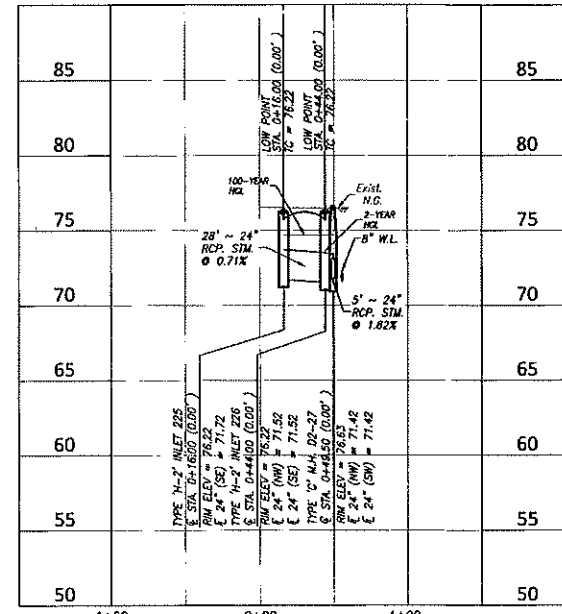
WOODRIDGE VILLAGE SECTION 2 JOB NO. 2027-1102



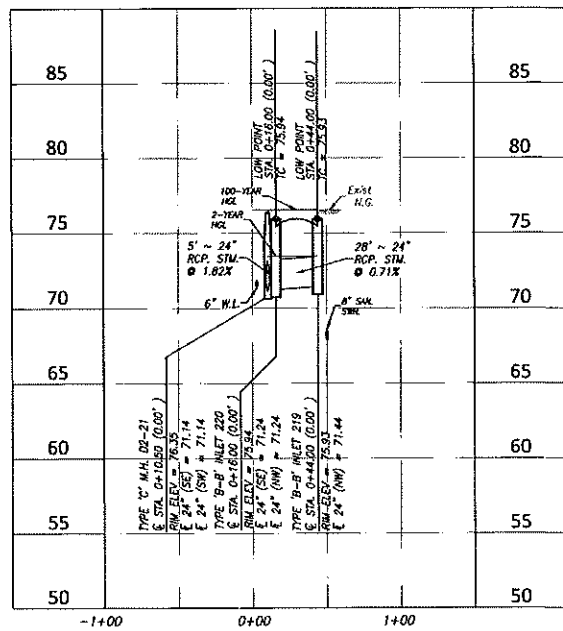
LATERAL "H"
SCALE: 1" = 50' (H)
1" = 5'(V)



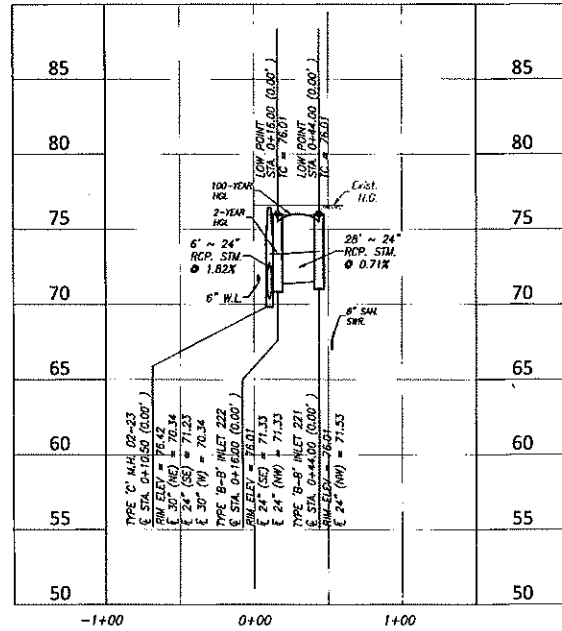
LATERAL "I"
SCALE: 1" = 50' (H)
1" = 5'(V)



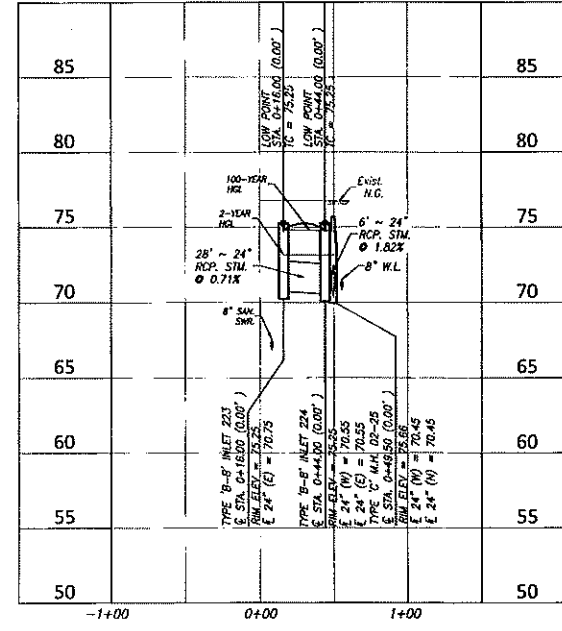
LATERAL "J"
SCALE: 1" = 50' (H)
1" = 5'(V)



LATERAL "K"
SCALE: 1" = 50' (H)
1" = 5'(V)



LATERAL "L"
SCALE: 1" = 50' (H)
1" = 5'(V)



LATERAL "M"
SCALE: 1" = 50' (H)
1" = 5'(V)

BENCHMARK:
15087 BM NO. 020116 - A BRASS DISK STAMPED BM
15087A SET IN THE NORTH END OF A CONCRETE
HEADWALL AT THE INTERSECTION OF HOOD PAVES &
NORTH FRONT IN MONTGOMERY COUNTY, TEXAS. S&D
HEADWALL IS ON THE EAST SIDE OF THE NORTHBOUND
LANE OF HOOD PAVES.
ELEVATION = 69.86 FEET (NAVD-88 (2001 ADJ.))

NOTES:
1. S-S. SIDEWALKS SHALL BE BUILT ON BOTH SIDES OF STREET
DURING ROAD CONSTRUCTION PHASE. ALL PROP. S-S. SIDEWALKS
SHALL BE WITHIN 10'-0" MAX. DISTANCE FROM THE SIDEWALK
CONSTRUCTION SHALL BE OBTAINED PRIOR TO ROAD CONSTRUCTION
PLANS SEE S&D PLAN NO. 0777-01. ALL SIDEWALKS SHALL
MEET CITY OF HOUSTON SPECIFICATIONS. SIDEWALKS TO BE
MAINTAINED BY HOVA.
2. SEWER TO REMAIN UNCHANGED AND PERMANENT SOURCE LAYOUT
SHEET FOR SEWER, WELLS, PUMP AND SOURCE LOCATIONS.
3. MAN HOLE RIM ELEVATIONS SHOWN ON PLAN ARE APPROXIMATE
ONLY. UTILITIES CONTRACTOR SHALL ADJUST MAN HOLE RIM TO 0.3'
ABOVE FINISHED GRADE.
4. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS OF ALL EXISTING
SEWERY, SANITARY SEWER, STORM SEWER, AND WATER LINES WHERE TRIM IS

CONTRACTORS
RECORD DRAWING
I CERTIFY THAT THIS DRAWING REFLECTS THE
IMPROVEMENTS CONSTRUCTED AS TO SIZE,
LOCATION AND GRADE AND THAT THE
CONSTRUCTION WAS IN FULL COMPLIANCE WITH
THE CONTRACT DOCUMENTS.
DATE: _____
RECORD DRAWING
I CERTIFY THAT THIS DRAWING REFLECTS THE
IMPROVEMENTS CONSTRUCTED AS TO SIZE,
LOCATION AND GRADE AND THAT THE
CONSTRUCTION WAS IN FULL COMPLIANCE WITH
THE CONTRACT DOCUMENTS.
DATE: _____

MONTGOMERY COUNTY
ENGINEERING DEPARTMENT
Approved: _____
Date: _____
DATE REVISION BY

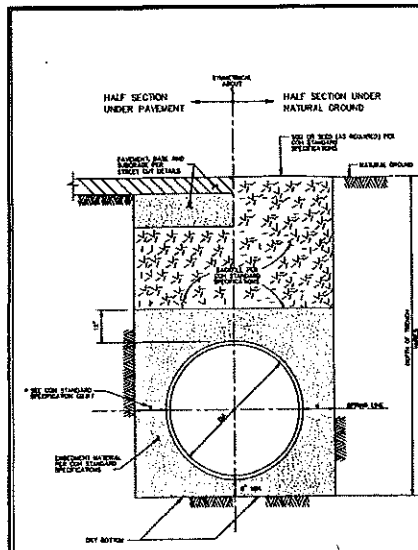
STATE OF TEXAS
ALYSSA M. CARROLL
129292
LICENSED
PROFESSIONAL ENGINEER
08/16/18
PLAT NAME: WOODBRIDGE VILLAGE SECTION 2
CPC 101 FILE NO.
ILMS NO. 18050133 C.O.H. LOG NO. 18-1108
WOODBRIDGE MUNICIPAL UTILITY DISTRICT

WOODBRIDGE VILLAGE
SECTION 2
STORM LATERAL PROFILE
"H - M"
LJA Engineering, Inc.
2293 Briarport Drive Phone 713.953.5200
Suite 600 Fax 713.953.5026
Houston, Texas 77042 FPN-1-1386
LJA PROJECT NO.: 2027-1102
DESIGNED BY: AC DRAWN BY: AC DATE: AUGUST 2018
NOTE: CITY SCHEDULES VALID FOR ONE YEAR ONLY
AFTER DATE OF SIGNATURES

CITY OF HOUSTON
HOUSTON PUBLIC WORKS
DATE: 08-16-18
DRAWN BY: 011116
FILE NO.: 2027-1102-18
FOR CITY OF HOUSTON USE ONLY
DRAWING SCALE
SCALE: HORIZ 1" = 50'
VERT: 1" = 5'
SHEET NO. 23 OF 31

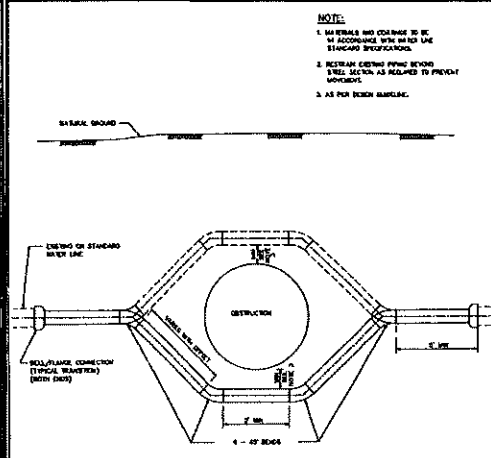
Date/Time: Thu, 16 Aug 2018 11:08am User: Name: j. wright
Sheet: Plan: 02-2027-1102-LATERALS-2.dwg
Path: Name: L:\Projects\2027-1102 - Woodbridge Village Section 2

WOODBRIDGE VILLAGE SECTION 2 JOB NO. 2027-1102



CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WATER DISTRIBUTION MAIN
BEDDING AND BACKFILL FOR
OPEN CUT TRENCHES
(NOT TO SCALE)
BY DATE: JULY-01-2010 DWG NO. 02317-01

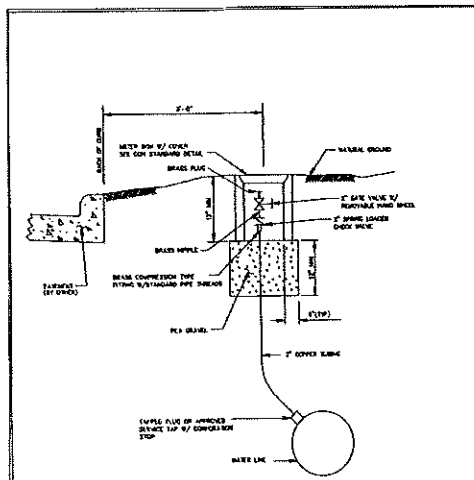
WATER DISTRIBUTION MAIN BEDDING AND BACKFILL FOR OPEN CUT TRENCHES



NOTE:
1. ALL MATERIALS AND DIMENSIONS TO BE AS SHOWN UNLESS OTHERWISE SPECIFIED.
2. REINFORCEMENT SHALL BE AS SHOWN UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS SHALL BE AS SHOWN UNLESS OTHERWISE SPECIFIED.

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
TYPICAL STEEL PIPE OFFSET
SECTION FOR WATER LINES
(NOT TO SCALE)
BY DATE: JULY-01-2010 DWG NO. 02311-01

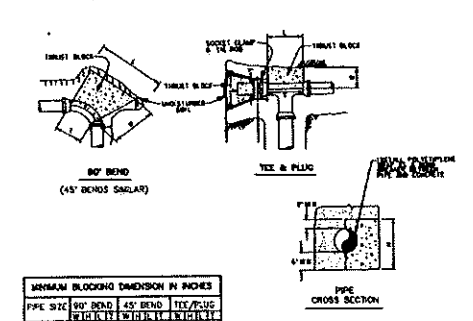
TYPICAL STEEL PIPE OFFSET SECTION FOR WATER LINES



GENERAL NOTES:
1. THIS BLOW-OFF SHALL BE INSTALLED AT THE POINT OF THE WATER MAIN CROSSING THE STREET OR AT THE POINT OF THE WATER MAIN CROSSING THE DRIVEWAY.
2. THE BLOW-OFF SHALL BE INSTALLED AT THE POINT OF THE WATER MAIN CROSSING THE DRIVEWAY.
3. THE BLOW-OFF SHALL BE INSTALLED AT THE POINT OF THE WATER MAIN CROSSING THE DRIVEWAY.

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
PERMANENT BLOW-OFF DETAIL
(NOT TO SCALE)
BY DATE: JULY-01-2010 DWG NO. 02324-01

PERMANENT BLOW-OFF DETAIL



MINIMUM BLOCKING DIMENSION IN INCHES

PIPE SIZE	90° BEND	45° BEND	TEE/PLUG
4"	12"	12"	12"
6"	18"	18"	18"
8"	24"	24"	24"
10"	30"	30"	30"
12"	36"	36"	36"

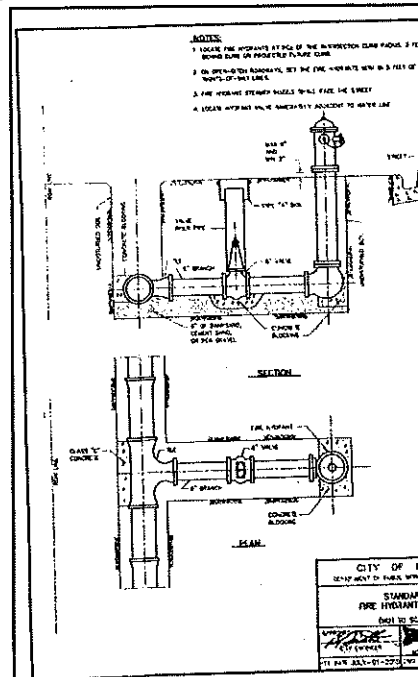
CONNECTION FACTORS

SOIL TYPE	SOIL BEARING CAPACITY (PSF)	MAXIMUM TAP SIZE (IN)
SOFT CLAY	1000	1 1/2"
SANDY CLAY	2000	1 1/2"
SANDY CLAY	4000	1 1/2"
HARD CLAY	8000	0.75"
HARD CLAY	8000	0.50"

NOTE:
1. THIS THRUST BLOCK SHALL BE INSTALLED AT THE POINT OF THE WATER MAIN CROSSING THE DRIVEWAY.
2. THE THRUST BLOCK SHALL BE INSTALLED AT THE POINT OF THE WATER MAIN CROSSING THE DRIVEWAY.

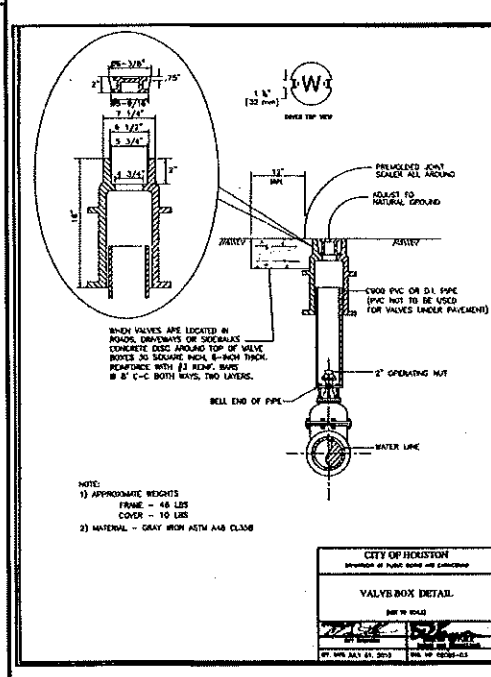
CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
THRUST BLOCK DETAIL
FOR WATER LINES
(NOT TO SCALE)
BY DATE: JULY-01-2010 DWG NO. 02311-07

THRUST BLOCK DETAIL FOR WATER LINES (4-INCH TO 12-INCH)



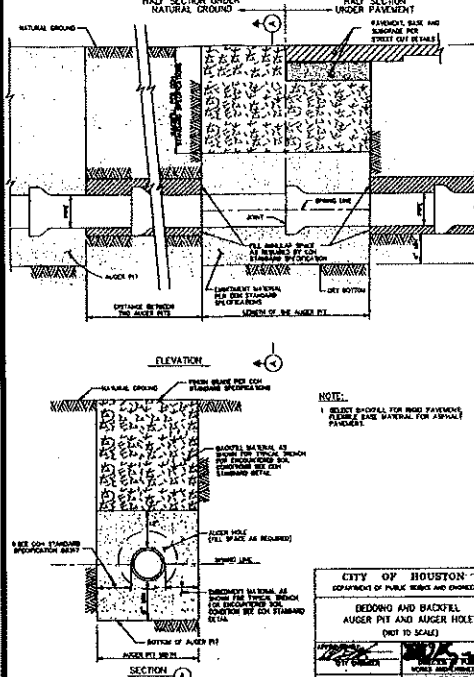
CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
STANDARD FIRE HYDRANT DETAIL
(NOT TO SCALE)
BY DATE: JULY-01-2010 DWG NO. 02320-01

STANDARD FIRE HYDRANT DETAIL



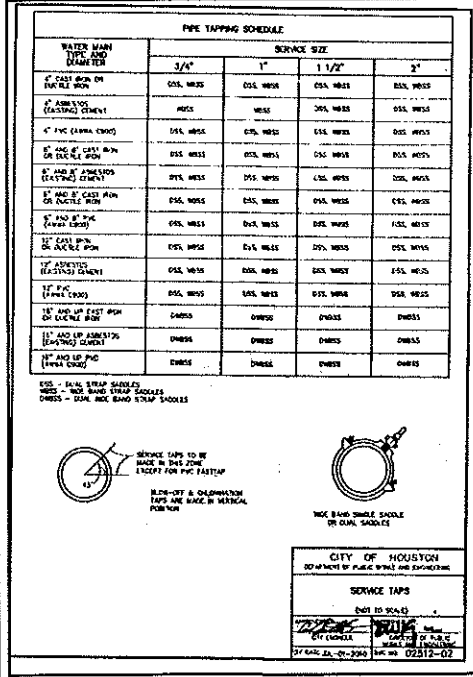
CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
VALVE BOX DETAIL
(NOT TO SCALE)
BY DATE: JULY-01-2010 DWG NO. 02343-01

VALVE BOX DETAIL



CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
BEDDING AND BACKFILL
AUGER PIT AND AUGER HOLE
(NOT TO SCALE)
BY DATE: JULY-01-2010 DWG NO. 02447-01

BEDDING AND BACKFILL AUGER PIT AND AUGER HOLE



CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
SERVICE TAPS
(NOT TO SCALE)
BY DATE: JULY-01-2010 DWG NO. 02312-02

SERVICE TAPS

BENCHMARK:
15209 PM NO. 020115 - A BRASS DISK STAMPED PM 15209, SET IN THE NORTH END OF A CONCRETE HEADWALL AT THE INTERSECTION OF HOODEN PINES & NORTH DRIVE IN MONTGOMERY COUNTY, TEXAS. S&B HEADWALL IS ON THE EAST SIDE OF THE NORTHBOUND LANE OF HOODEN PINE.
ELEVATION = 69.66 FEET (NAVD-88 (2001 ADJ.))

NOTES:
1. ALL SIDEWALKS SHALL BE BUILT ON BOTH SIDES OF STREET DURING ROAD CONSTRUCTION. NECESSARY FORMS FOR SIDEWALKS SHALL BE SUBMITTED TO THE CITY ENGINEER FOR REVIEW. PLEASE SEE CITY OF HOUSTON SPECIFICATIONS TO BE MAINTAINED BY UEA.
2. REFER TO PLANS, SPECIFICATIONS AND PERMANENT EROSION CONTROL SHEET FOR SIDEWALK, WALKWAY, RAMP AND SIGNAGE LOCATIONS.
3. ALL HOLE RIM ELEVATIONS SHOWN ON PLAN ARE APPROXIMATE. ONLY THE CONTRACTOR SHALL ADJUST HOLE RIM TO 0.5' ABOVE FINISHED GRADE.
4. CONTRACTOR SHALL VERIFY FLOWLINES OF ALL EXISTING SANITARY SEWER, STORM SEWER, AND WATER LINES WHOSE TYPE IS:

CONTRACTORS
RECORD DRAWING
I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

INITIAL _____ **DATE** _____
RECORD DRAWING
I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

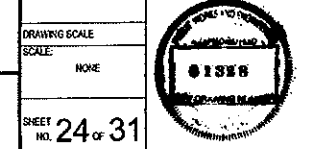
INITIAL _____ **DATE** _____
MONTGOMERY COUNTY
ENGINEERING DEPARTMENT
Approved: _____
Date: _____

DATE	REVISION	BY

STATE OF TEXAS
ALYSSA K. CAMPBELL
129292
LICENSED PROFESSIONAL ENGINEER
08/16/18
PLAT NAME: WOODRIDGE VILLAGE SECTION 2
GPC 101 FILE NO.
ILAS NO. 18060133 C.O.H. LOG NO. 18-1108
WOODRIDGE MUNICIPAL UTILITY DISTRICT
WOODRIDGE VILLAGE SECTION 2
WATER DETAILS (1 OF 2)

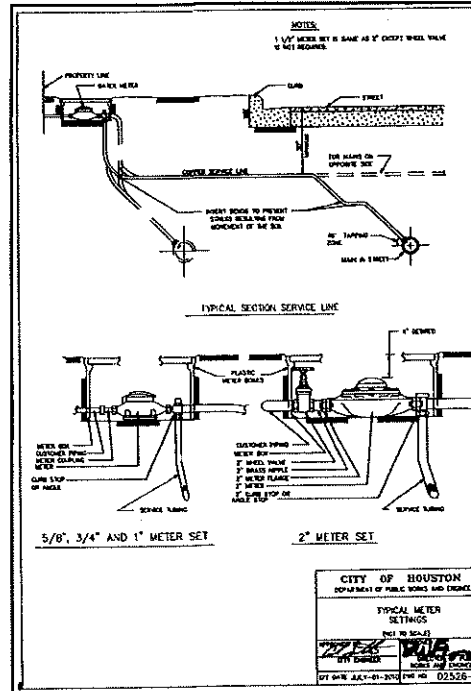
LJA Engineering, Inc.
2929 Briarpark Drive Suite 000 Houston, Texas 77042
Phone 713.853.5200 Fax 713.853.5026 FRN-F-1386
LJA PROJECT NO.: 2027-1102
DESIGNED BY: AC DRAWN BY: AC DATE: AUGUST 2018

CITY OF HOUSTON
HOUSTON PUBLIC WORKS
FOR CITY OF HOUSTON USE ONLY
FILE NO. _____
DRAWING SCALE: NONE
SHEET NO. 24 OF 31

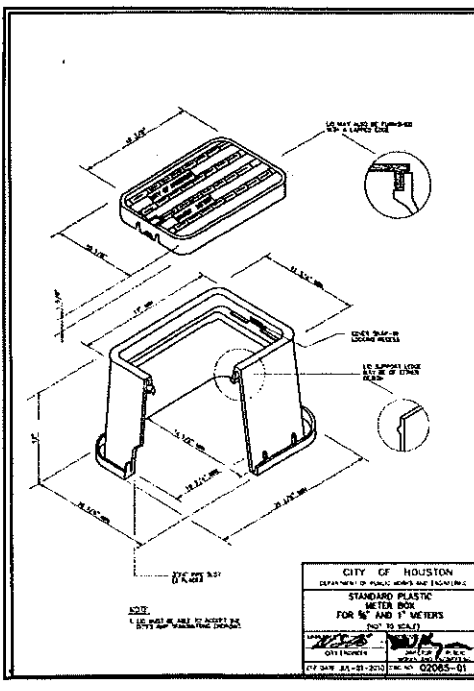


WOODRIDGE VILLAGE SECTION 2 - JOB NO. 2027-1102

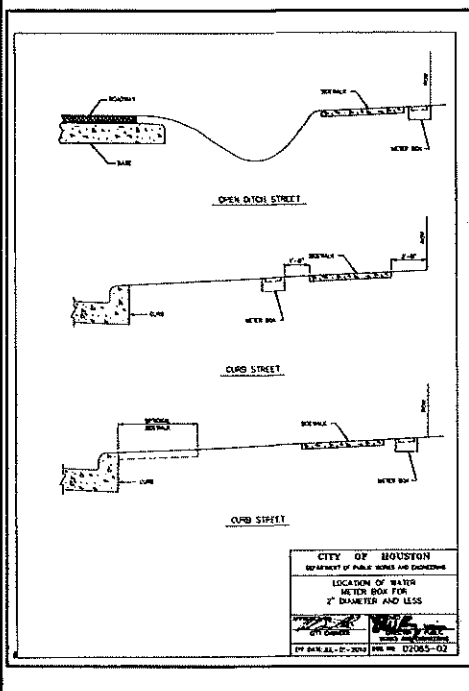
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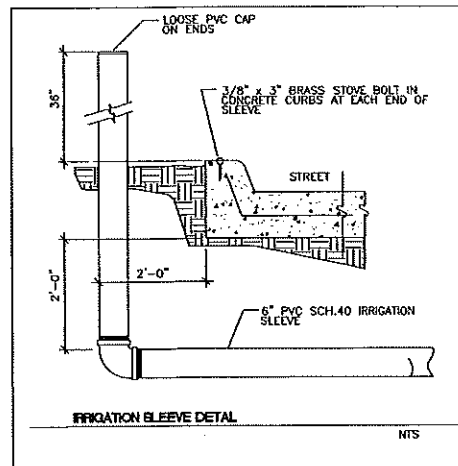
TYPICAL METER SETTINGS



STANDARD PLASTIC METER BOX DETAIL



LOCATION OF WATER METER BOX



IRRIGATION SLEEVE DETAIL

BENCHMARK:
 TYPICAL NO. 020115 - A BRASS DISK STAMPED IN
 CHISEL SET IN THE NORTH END OF A CONCRETE
 HEADWALL AT THE INTERSECTION OF WOODEN PARKS &
 NORTH FROM IN MONTGOMERY COUNTY, TEXAS. THE
 HEADWALL IS ON THE EAST SIDE OF THE NORTHBOUND
 LANE OF HIDDEN PAVES.
 ELEVATION = 69.86 FEET (NAVD-88 (2001 ADJ))

NOTES:
 1. S-S. SIDEWALKS SHALL BE BUILT ON BOTH SIDES OF STREET
 DURING SOME CONSTRUCTION PHASE. ALL PROP. 5-FT. SIDEWALKS
 SHALL BE BUILT WITH ALL NECESSARY FINISHES FOR SIDEWALK
 CONSTRUCTION SHALL BE OBTAINED FROM TO HOME CONSTRUCTION
 PLEASE SEE LOCAL DETAIL NO. 02005-01. ALL SIDEWALKS SHALL
 MEET CITY OF HOUSTON SPECIFICATIONS. SIDEWALKS TO BE
 MAINTAINED BY MUA.
 REFER TO PAVING, GRASSING AND PERMANENT SIGNAGE LAYOUT
 SHEET FOR SIDEWALK, WHEELCHAIR RAMP AND SIGNAGE LOCATIONS.
 MAN HOLE 200 ELEVATIONS SHOWN ON PLAN ARE APPROXIMATE.
 ONLY UTILITIES CONTRACTOR SHALL ADJUST MAN HOLE RIM TO 0.3'
 ABOVE FINISHED GRADE.
 CONTRACTOR SHALL FIELD VERIFY ELEVATIONS OF ALL EXISTING
 SANITARY SEWER, STORM SEWER, AND WATER LINES WHERE THEY ARE

CONTRACTORS RECORD DRAWING
 I CERTIFY THAT THIS DRAWING REFLECTS THE
 IMPROVEMENTS CONSTRUCTED AS TO SIZE,
 LOCATION AND GRADE AND THAT THE
 CONSTRUCTION WAS IN FULL COMPLIANCE WITH
 THE CONTRACT DOCUMENTS.

INITIAL DATE
RECORD DRAWING
 I CERTIFY THAT THIS DRAWING REFLECTS THE
 IMPROVEMENTS CONSTRUCTED AS TO SIZE,
 LOCATION AND GRADE AND THAT THE
 CONSTRUCTION WAS IN FULL COMPLIANCE WITH
 THE CONTRACT DOCUMENTS.

INITIAL _____ DATE _____

MONTGOMERY COUNTY
 ENGINEERING DEPARTMENT

Approved: *[Signature]*
 Date: *[Date]*

DATE	REVISION	BY

CITY OF HOUSTON
 PUBLIC WORKS
 12929
 LICENSE
 ALYSON N. CAMPBELL
 08/10/18

PLAT NAME: WOODRIDGE VILLAGE SECTION 2
 CPC 101 FILE NO.
 EAMS NO. 18060133 C.O.H. LOG NO. 18-1108

WOODRIDGE MUNICIPAL UTILITY DISTRICT
WOODRIDGE VILLAGE
SECTION 2
WATER DETAILS
(2 OF 2)

LJA Engineering, Inc.
 2920 Briarpark Drive Phone 713.953.5200
 Suite 600 Fax 713.953.5206
 Houston, Texas 77042 FRN - F-1386

LJA PROJECT NO.: 2027-1102
 DESIGNED BY: AC DRAWN BY: AC DATE: AUGUST 2018

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY
 AFTER DATE OF SIGNATURES

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

WATER	HOUSTON PUBLIC WORKS
STORM	HOUSTON WATER
TRAVEL/STREET & BRIDGE	MAINTENANCE AND UTILITY OPERATIONS

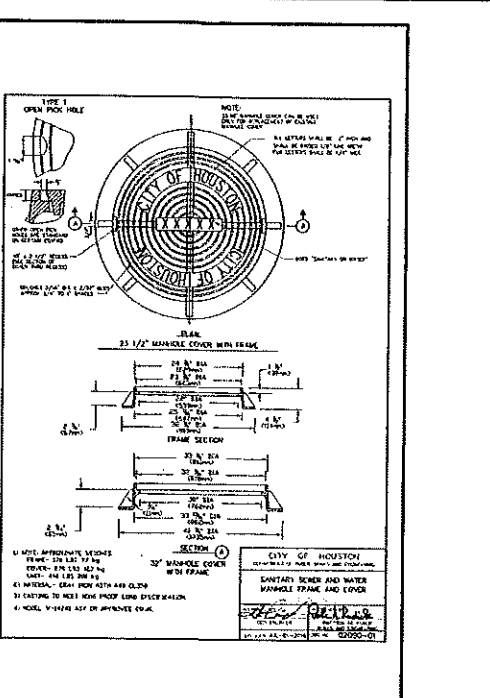
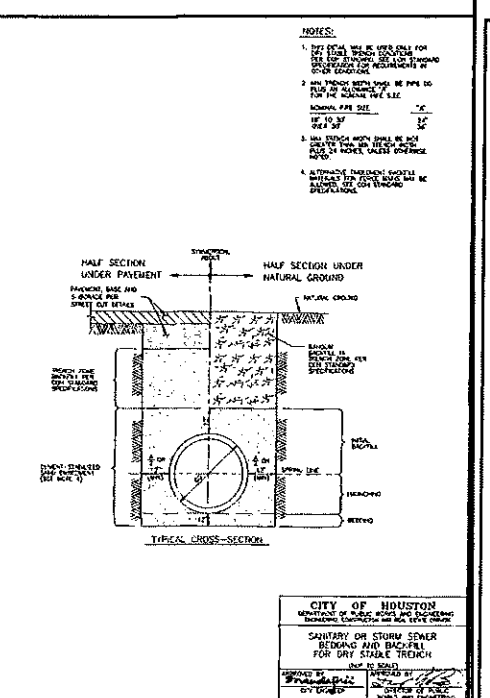
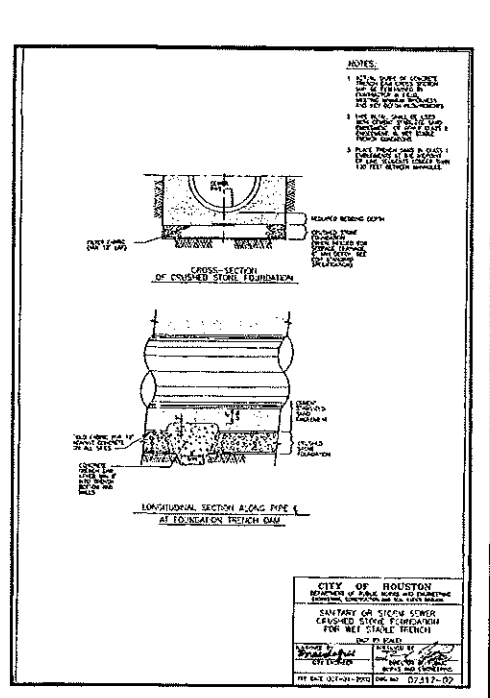
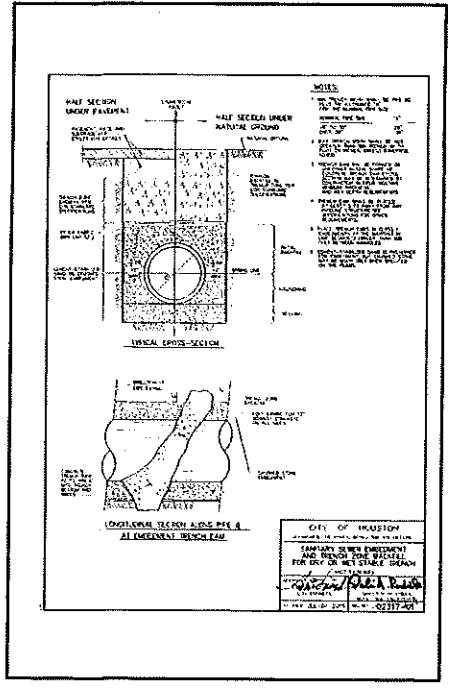
FILE NO. _____ FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE _____
 SCALE: NONE

SHEET NO. 25 of 31

Date/Time: Thu Aug 16 2018 10:54:46 AM User Name: jcampbell
 Path Name: \\houston\public\2027-1102-Water_Details-2.dwg
 Plot Name: \\houston\public\2027-1102-Water_Details-2.dwg

WOODRIDGE VILLAGE SECTION 2 - JOB NO. 2027-1102



BENCHMARK:
 POINT 10100115 - A BRASS DISK STAMPED AM 070245, SET IN THE NORTH END OF A CONCRETE HEADWALL, AT THE INTERSECTION OF WOODEN PINE & NORTH PARK IN MONTGOMERY COUNTY, TEXAS. SADD HEADWALL IS ON THE EAST SIDE OF THE NORTHBOUND LANE OF WOODEN PINE.
 ELEVATION = 68.66 FEET (MVD-88 (2001 ADJ.))

CONTRACTORS RECORD DRAWING
 I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

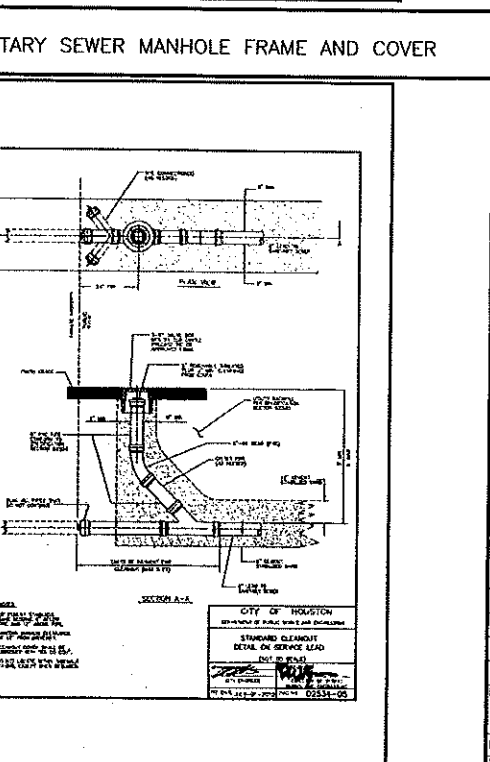
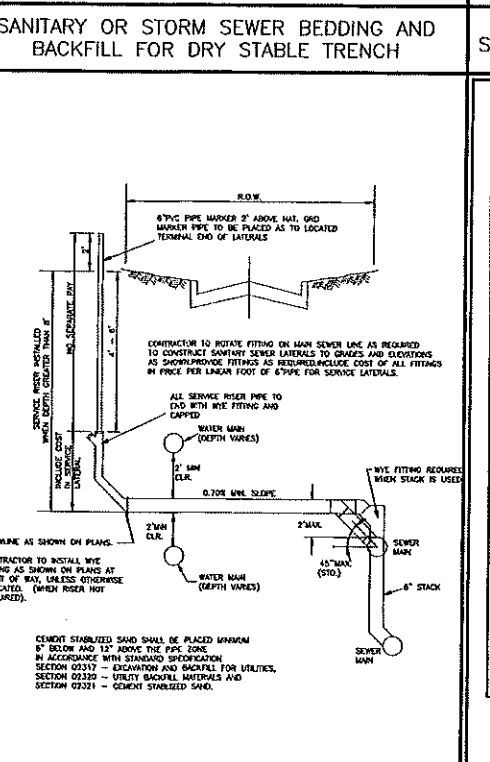
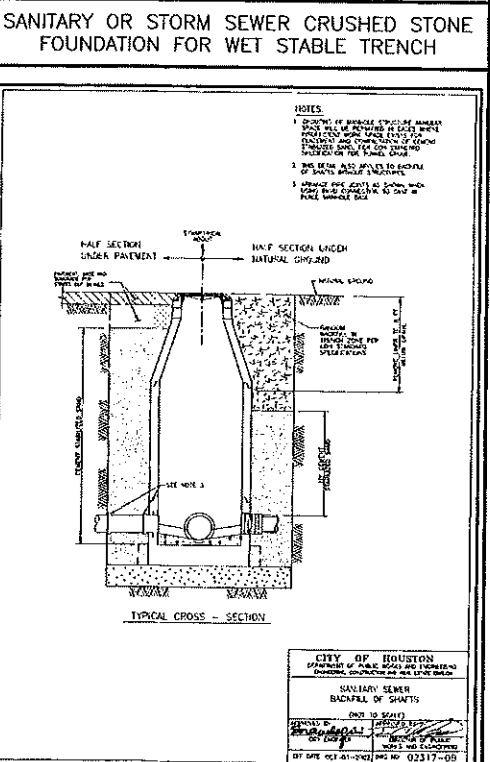
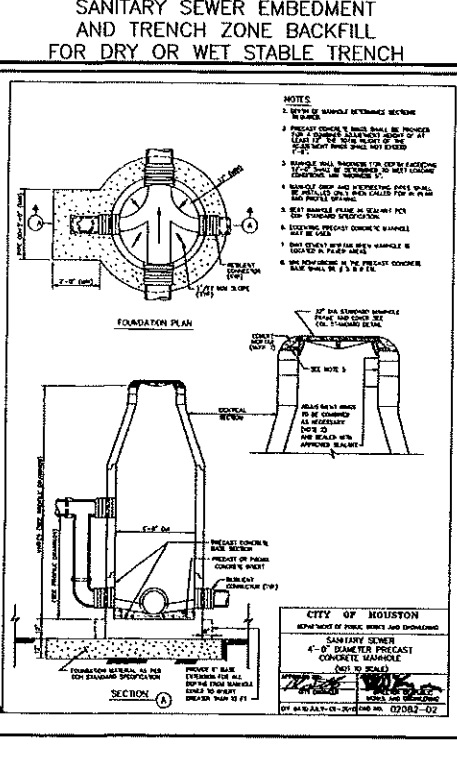
INITIAL DATE
 RECORD DRAWING
 I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

INITIAL DATE

MONTGOMERY COUNTY
 ENGINEERING DEPARTMENT

Date: 8/16/18

DATE	REVISION	BY



ALISA CAMPBELL
 129292
 LICENSED PROFESSIONAL ENGINEER
 08/16/18

PLAT NAME: WOODRIDGE VILLAGE SECTION 2
 CPC 101 FILE NO.
 IAS NO. 18060133 C.O.H. LOG NO. 18-1108
 WOODRIDGE MUNICIPAL UTILITY DISTRICT
 WOODRIDGE VILLAGE
 SECTION 2
 SANITARY SEWER
 DETAILS

LJA Engineering, Inc.
 2829 Bearpaw Drive Phone 713.953.5200
 Suite 600 Fax 713.953.6026
 Houston, Texas 77042 FRN - F-1386

PROJECT NO.: 2027-1102
 DESIGNED BY: AC DRAWN BY: AC DATE: AUGUST 2018
 NOTE: CITY SQUARES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES.

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS
 STORMWATER QUALITY
 FACILITIES
 HOUSTON WATER
 TRANSPORTATION AND DRAINAGE OPERATIONS

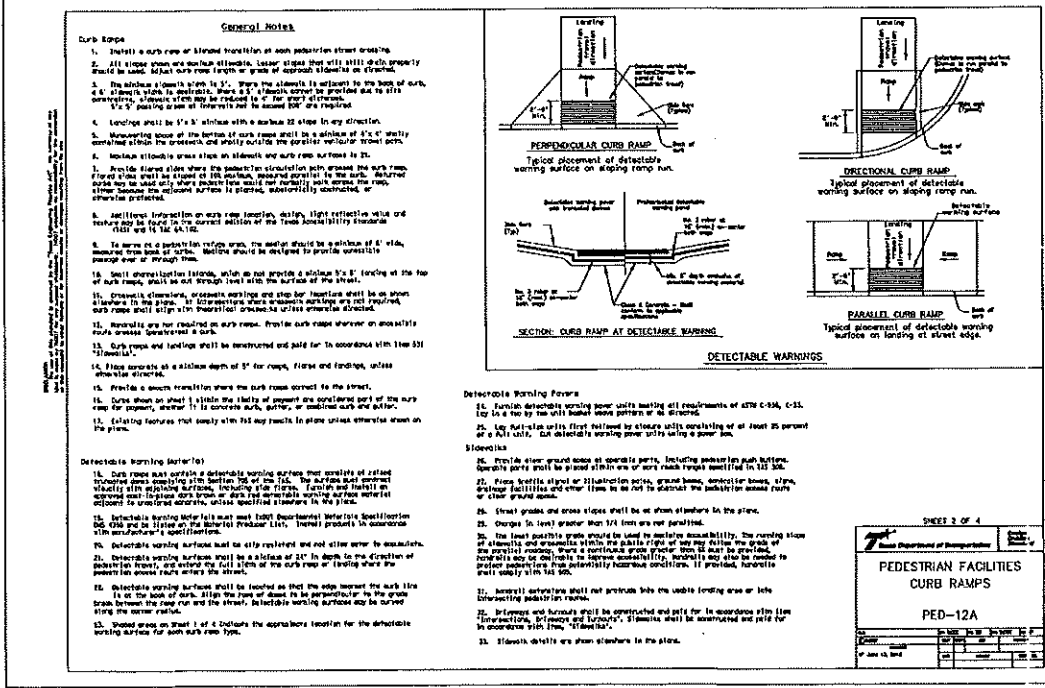
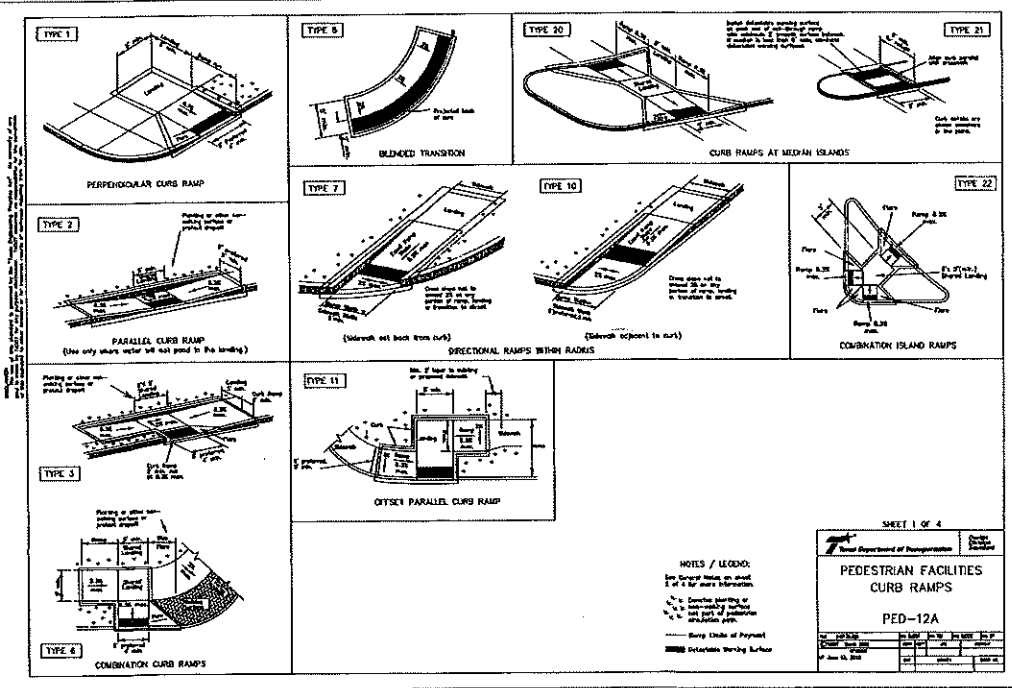
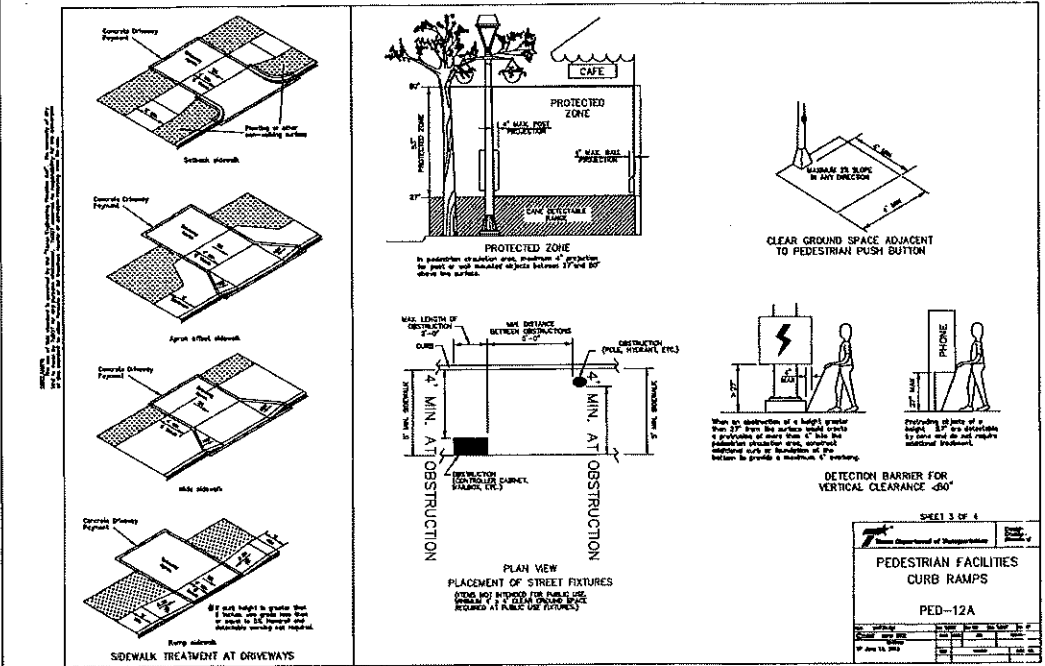
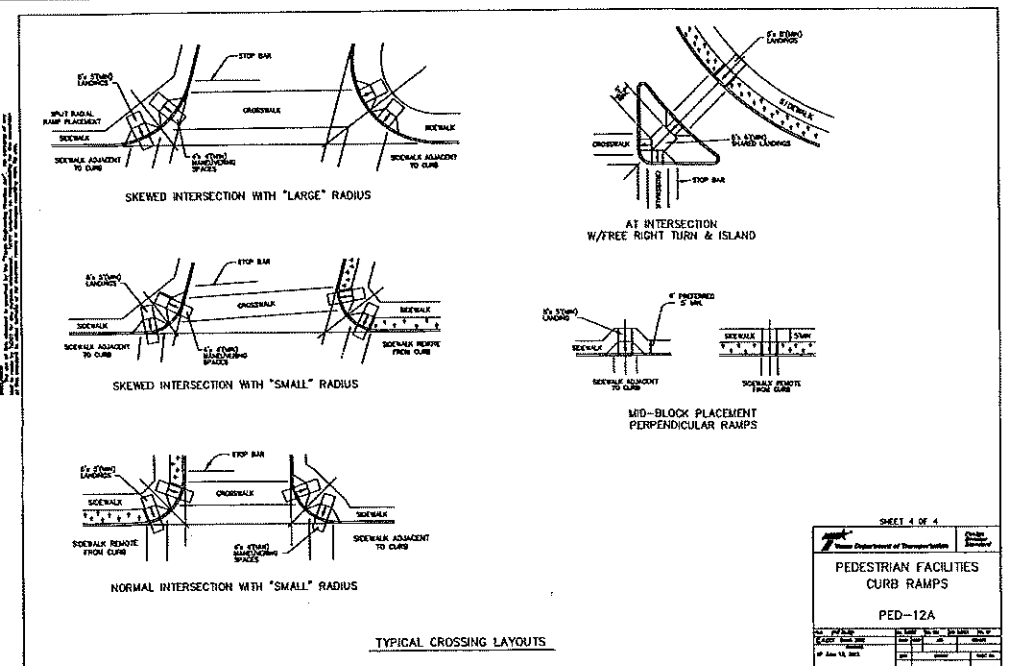
FILE NO. FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE: NONE

SHEET NO. 26 OF 31

Date: 8/16/18
 Drawn: AC
 Checked: AC
 Title: SANITARY SEWER DETAILS
 Project: WOODRIDGE VILLAGE SECTION 2
 Sheet: 26 OF 31

WOODRIDGE VILLAGE SECTION 2 - JOB NO. 2027-1102



BENCHMARK:
1528P RE NO. 020145 - A BRASS DISK STAMPED RM 020145, SET IN THE NORTH END OF A CONCRETE HEADWALL AT THE INTERSECTION OF HOODEN PAVES & NORTH FROM BY MONTGOMERY COUNTY TEXAS. SAID HEADWALL IS ON THE EAST SIDE OF THE NORTHBOUND LANE OF HOODEN PAVES.
ELEVATION = 69.66 FEET (NAVD-83 (2001 ADJ))

NOTES:

1. 6"-8" SIDEWALKS SHALL BE BUILT ON BOTH SIDES OF STREET DURING SOME CONSTRUCTION PHASE. ALL PHASES - THE SIDEWALKS SHALL BE BUILT FIRST. ALL NECESSARY PERMITS FOR SIDEWALK CONSTRUCTION SHALL BE OBTAINED FROM THE LOCAL JURISDICTION. SIDEWALKS SHALL BE MAINTAINED BY THE LOCAL JURISDICTION.
2. REFER TO PLANS, SPECIFICATIONS AND PERMANENT SURFACE LAYOUTS SHEET FOR SIDEWALK, WHEELCHAIR RAMP AND SIGNAGE LOCATIONS.
3. MIN HOLE RISE ELEVATIONS SHOWN ON PLAN ARE APPROXIMATE ONLY. UTILITY CONTRACTOR SHALL ADJUST MIN HOLE RISE TO 0.3" ABOVE FINISHED GRADE.
4. CONTRACTOR SHALL FIELD VERIFY FLOWLINES OF ALL EXISTING SANITARY SEWER, STORM SEWER, AND WATER LINES BEFORE TYPING IN.

CONTRACTORS RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

INITIAL DATE RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

INITIAL DATE

MONTGOMERY COUNTY ENGINEERING DEPARTMENT

Approved: *[Signature]* City Engineer
Date: *[Date]*

DATE REVISION BY

CITY OF HOUSTON
HOUSTON PUBLIC WORKS
HOUSTON WATER QUALITY FACILITIES
HOUSTON WATER TRAFFIC/STREET BRIDGE

WOODRIDGE VILLAGE DISTRICT
SECTION 2
PAVING DETAILS
(SHEET 2 OF 2)

LJA Engineering, Inc.
2029 Briarpark Drive
Suite 600
Houston, Texas 77042
Phone 713.953.9200
Fax 713.953.5026
FRN - F-1386

LJA PROJECT NO.: 2027-1102
DESIGNED BY: AC
DRAWN BY: AC
DATE: AUGUST 2018

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

CITY OF HOUSTON
HOUSTON PUBLIC WORKS
HOUSTON WATER QUALITY FACILITIES
HOUSTON WATER TRAFFIC/STREET BRIDGE

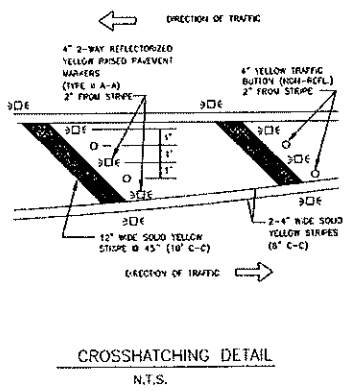
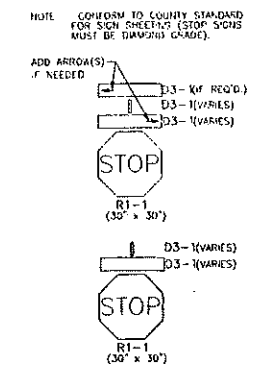
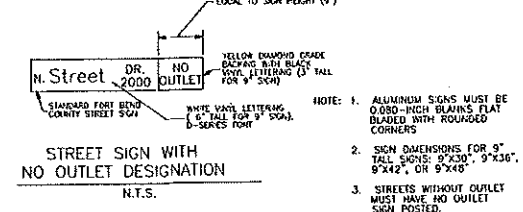
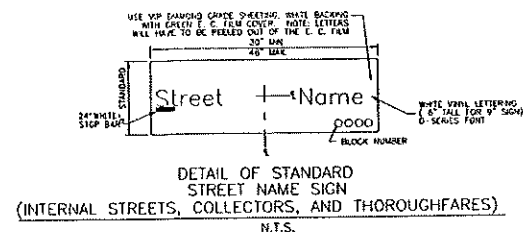
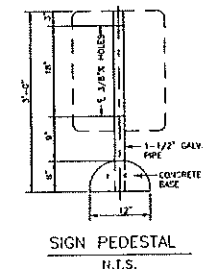
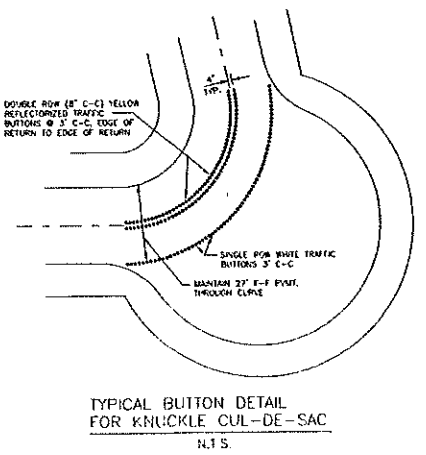
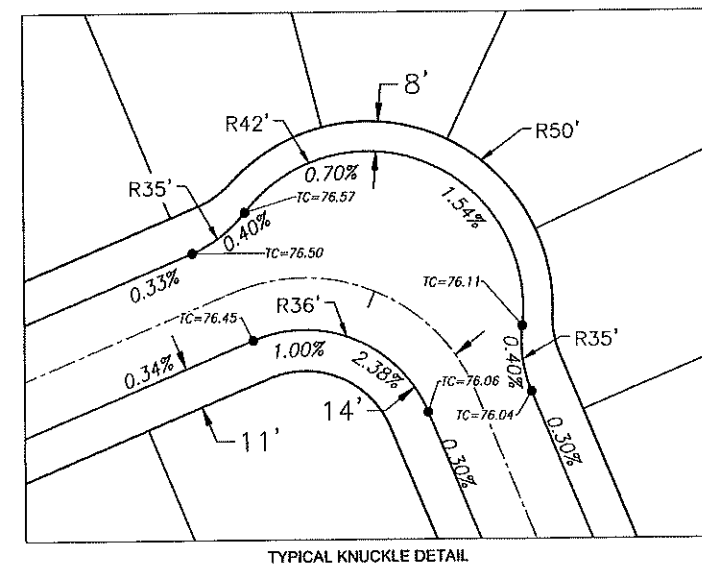
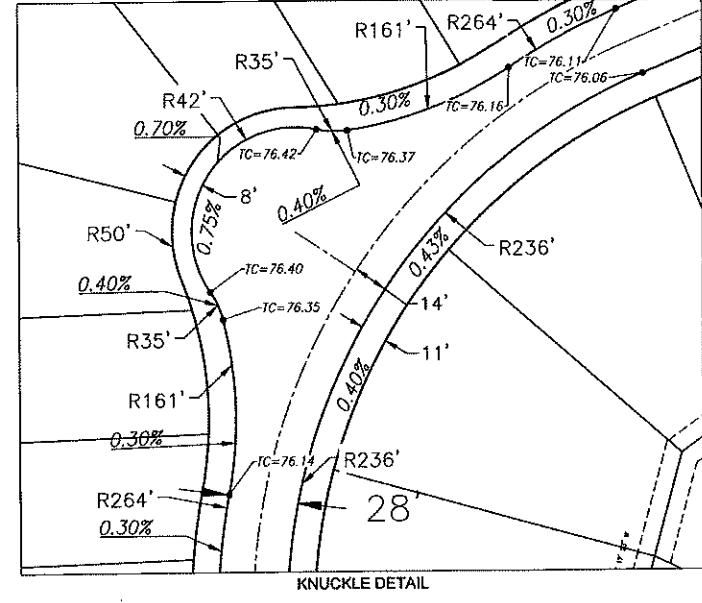
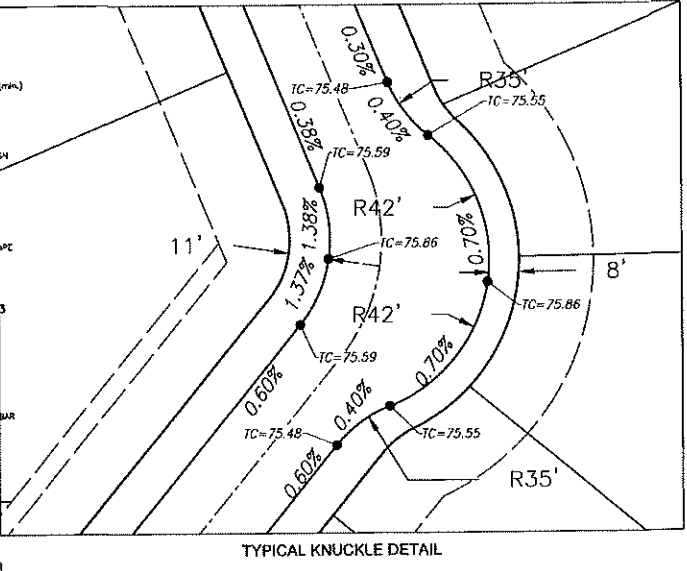
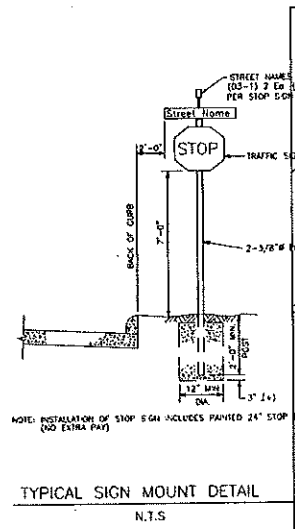
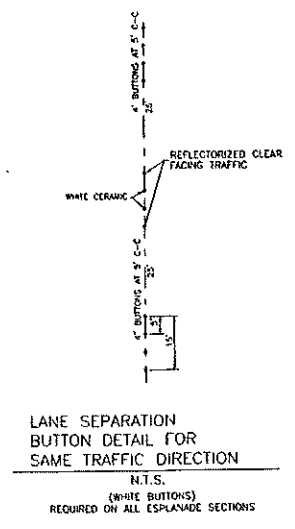
FILE NO. FOR CITY OF HOUSTON USE ONLY

81998

DRAWING SCALE: NONE
SHEET NO. 29 OF 31

Date: 11/15/18
 Drawn: AC
 Checked: AC
 Title: PED-12A
 Project: 2027-1102
 Job No.: 2027-1102
 Job Name: WOODRIDGE VILLAGE DISTRICT SECTION 2 PAVING DETAILS (SHEET 2 OF 2)
 Job Location: HOUSTON, TEXAS
 Job Description: PAVING DETAILS (SHEET 2 OF 2)
 Job Status: IN PROGRESS
 Job Contact: LJA Engineering, Inc.
 Job Phone: 713.953.9200
 Job Fax: 713.953.5026
 Job Email: info@lja.com
 Job Website: www.lja.com

WOODRIDGE VILLAGE SECTION 2 - JOB NO. 2027-1102



BENCHMARK:
 STIP NO. 020115 - A BRASS DISK STAMPED JIM 07244, SET IN THE NORTH END OF A CONCRETE HEADWALL AT THE INTERSECTION OF HOUSTON PARKS & NORTH PARK & MONTGOMERY COUNTY, TEXAS. SAID HEADWALL IS ON THE EAST SIDE OF THE NORTHBOUND LANE OF HOUSTON PARKS.

ELEVATION = 69.86 FEET (NAVD-88 (2001 ADJ.))

NOTES:

- 8"-11" DOWNSPURS SHALL BE PAID ON BOTH SIDES OF STREET DURING HOME CONSTRUCTION PHASE. ALL DOWN-SIDE SPURDERS SHALL BE WITHIN R.O.W. ALL NECESSARY PERMITS FOR SEWER CONNECTION SHALL BE OBTAINED PRIOR TO HOME CONSTRUCTION. PLEASE SEE LOCAL ORDINANCE NO. 00792-01. ALL SPURDERS SHALL MEET CITY OF HOUSTON SPECIFICATIONS. SPURDERS TO BE MAINTAINED BY HOA.
- REFER TO PLANS, DRAINAGE AND PERMANENT SIGNAGE LOCATED SHEET FOR SIDEWALK, WHEELCHAIR RAMP AND SIGNAGE LOCATIONS.
- MAN HOLE RIM ELEVATIONS SHOWN ON PLAN ARE APPROXIMATE ONLY. UTILITIES CONTRACTOR SHALL ADJUST MAN HOLE RIM TO 0.3' ABOVE FINISHED GRADE.
- CONTRACTOR SHALL FIELD VERIFY FLOWS OF ALL EXISTING SANITARY SEWER, STORM SEWER, AND WATER LINES WHERE TYPED IN.

CONTRACTORS

RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

INITIAL: _____ DATE: _____

RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

INITIAL: _____ DATE: _____

MONTGOMERY COUNTY
ENGINEERING DEPARTMENT

Approved: _____
 Date: 08/14/18

DATE	REVISION	BY

STATE OF TEXAS
ALYSSA N. CAMPBELL
 129292
 LICENSED PROFESSIONAL ENGINEER
 08/14/18

PLAN NAME: WOODRIDGE VILLAGE SECTION 2
 CPC-101 FILE NO.
 ILLAS NO. 18080133 C.O.H. LOG NO. 16-1108
 WOODRIDGE MUNICIPAL UTILITY DISTRICT
WOODRIDGE VILLAGE SECTION 2

BARRICADE, PERMANENT SIGNAGE AND STRIPING DETAILS

LJA Engineering, Inc.
 2929 Briarpark Drive Phone 713.953.5200
 Suite 600 Fax 713.553.5026
 Houston, Texas 77042 FTH-F-1356

LJA PROJECT NO.: 2077-1102
 DESIGNED BY: AC DRAWN BY: AC DATE: AUGUST 2018

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES.

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

DATE: 08-16-18
 8/16/18
 0-2-18

FILE NO. _____ FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE: NONE

SHEET NO. 31 OF 31

61388

Date: 08/14/18 User: Name: LJA
 08/14/18 10:00 AM C:\Users\lja\Documents\2077-1102_BARRICADE AND SIGNAGE_DETAILS.dwg
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WOODRIDGE VILLAGE SECTION 2 - JOB NO. 2027-1102