

EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 1
OWNER: CITY OF PLANO
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENT
COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY SEWER EASEMENT DESCRIPTION
(PARCEL 1)**

BEING a tract of land situated in the Collin County School Land Survey, Abstract No. 153, Collin County, Texas, and being a portion of Lot 1, Block I, Drainage and Floodway Area, 15.6958 acres dedicated to City of Plano for drainage, sanitary sewer, and park purposes, according to the plat of Crystal Creek, an addition to the City of Plano as recorded in Volume M, Page 556 of the Official Public Records of Collin County, Texas, and being more particularly described as follows:

COMMENCING at an "X" cut in concrete found at the intersection of the northeast right-of-way line of Ohio Drive (an 85-foot wide right-of-way) with the southeast right-of-way line of Wildbriar Drive (a 50-foot wide right-of-way), and being the west corner of Lot 46, Block H of said Crystal Creek, from which a 1/2" iron rod bears North 49°07'45" East, at a distance of 67.66 feet and an "X" cut in concrete found bears South 39°04'51" East, at a distance of 280.13 feet;

THENCE North 39°04'51" West, passing at a distance of 50.02 feet the south corner of said Lot 1, Block I, at the intersection of the northwest right-of-way line of said Wildbriar Drive with said northeast right-of-way line of Ohio Drive, continuing with said northeast right-of-way line of Ohio Drive and the southwest line of said Lot 1, Block I for a total distance of 102.34 feet to a 5/8" iron rod with blue plastic cap stamped "KHA ESMT" set for the most westerly northwest corner of a Sanitary Sewer Easement, as recorded in Instrument No. 19940830000805200 of said Official Public Records, and being the **POINT OF BEGINNING**, having grid coordinates of N:7082169.51, E:2490473.86;

THENCE continuing with said northeast right-of-way line of Ohio Drive and said southwest line of Lot 1, Block I, North 39°04'51" West, a distance of 50.00 feet to a 5/8" iron rod with blue plastic cap stamped "KHA ESMT" set for corner;

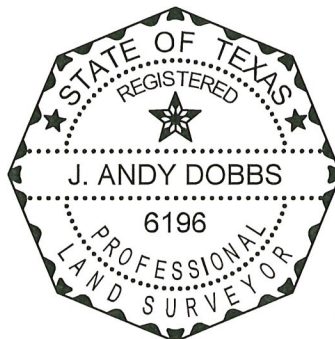
(Continued on Sheet 2)

NOTES

1. The bearings, distances, and areas shown hereon are ground/surface values based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983, U.S. Survey Feet (sFT), scaled from base point 0,0 using a Project Combined Factor (PCF) of 1.000152710. Coordinates are grid values.
2. An exhibit drawing with the same date hereon accompanies this description.

J. ANDY DOBBS
REGISTERED PROFESSIONAL
LAND SURVEYOR NO. 6196
13455 NOEL ROAD
TWO GALLERIA OFFICE TOWER,
SUITE 700
DALLAS, TEXAS 75240
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1-10-24



Kimley»Horn
13455 Noel Road, Two Galleria Office Tower, Suite 700, Dallas, Texas 75240 FIRM # 10115500 Tel. No. (972) 770-1300 Fax No. (972) 239-3820

Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JDF	JAD	Jan. 2024	064305036	1 OF 4

EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 1
OWNER: CITY OF PLANO
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENT
COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY SEWER EASEMENT DESCRIPTION
(PARCEL 1)**

(Continued from Sheet 1)

THENCE departing said northeast right-of-way line of Ohio Drive, and said southwest line of Lot 1, Block I, over and across said Lot 1, Block I, the following courses and distances:

North 50°55'09" East, a distance of 56.24 feet to a 5/8" iron rod with blue plastic cap stamped "KHA ESMT" set for corner;
North 34°28'03" West, a distance of 129.43 feet to a 5/8" iron rod with blue plastic cap stamped "KHA ESMT" set for corner in the northwest line of said Lot 1, Block I, and the southeast line of a called 10.600 acre tract of land described in Special Warranty Deed to the City of Plano, Texas, recorded in Volume 5843, Page 3243 of the Land Records, of Collin County, Texas;

THENCE with said northwest line of Lot 1, Block I and said southeast line of the 10.600 acre tract, the following courses and distances:

North 30°45'23" East, a distance of 54.86 feet to a 5/8" iron rod with blue plastic cap stamped "KHA ESMT" set for corner;
North 36°08'00" East, a distance of 0.21 feet to a 5/8" iron rod with blue plastic cap stamped "KHA ESMT" set for corner;

THENCE departing said northwest line of Lot 1, Block I and said southeast line of the 10.600 acre tract, over and across said Lot 1, Block I, the following courses and distances:

South 34°28'03" East, a distance of 173.88 feet to a 5/8" iron rod with blue plastic cap stamped "KHA ESMT" set for corner;
South 06°41'49" West, a distance of 35.35 feet to a 5/8" iron rod with blue plastic cap stamped "KHA ESMT" set for corner in the northwest line of said Sanitary Sewer Easement;

THENCE continuing over and across said Lot 1, Block I, with said northwest line of said Sanitary Sewer Easement, South 50°55'09" West, a distance of 79.02 feet to the **POINT OF BEGINNING** and containing 11,879 square feet or 0.2727 acres of land.


					
13455 Noel Road, Two Galleria Office Tower, Suite 700, Dallas, Texas 75240			FIRM # 10115500		Tel. No. (972) 770-1300 Fax No. (972) 239-3820
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PARCEL NO. 1
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PERMANENT SANITARY SEWER EASEMENT
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CITY OF PLANO, COLLIN COUNTY, TEXAS

**TEMPORARY CONSTRUCTION EASEMENT DESCRIPTIONS
(PARCEL 1-A)**

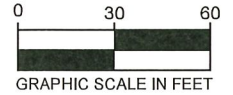
BEING a variable width Temporary Construction Easement containing 9,383 square feet or 0.2154 acres of land as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

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PARCEL NO. 1
 OWNER: CITY OF PLANO
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENT
 COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
 CITY OF PLANO, COLLIN COUNTY, TEXAS

NOTES

LOT 1, BLOCK I,
 CRYSTAL CREEK
 DRAINAGE & FLOODWAY AREA
 DEDICATED TO CITY OF PLANO
 FOR DRAINAGE, SANITARY
 SEWER, & PARK PURPOSES
 VOL. M, PG. 556
 O.P.R.C.C.T.

1. All corners of the permanent Sanitary Sewer Easement (Parcel 1) are 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set unless otherwise noted.
2. The bearings, distances, and areas shown hereon are ground/surface values based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983, U.S. Survey Feet (sFT), scaled from base point 0,0 using a Project Combined Factor (PCF) of 1.000152710. Coordinates are grid values.
3. A description with the same date hereon accompanies this exhibit drawing.
4. Easements shown hereon belong to North Texas Municipal Water District unless otherwise noted.

PARCEL 1
0.2727 ACRES
11,879 SQ. FT.

NTMWD SSE
 INST. NO.
 19940830000805200
 O.P.R.C.C.T.

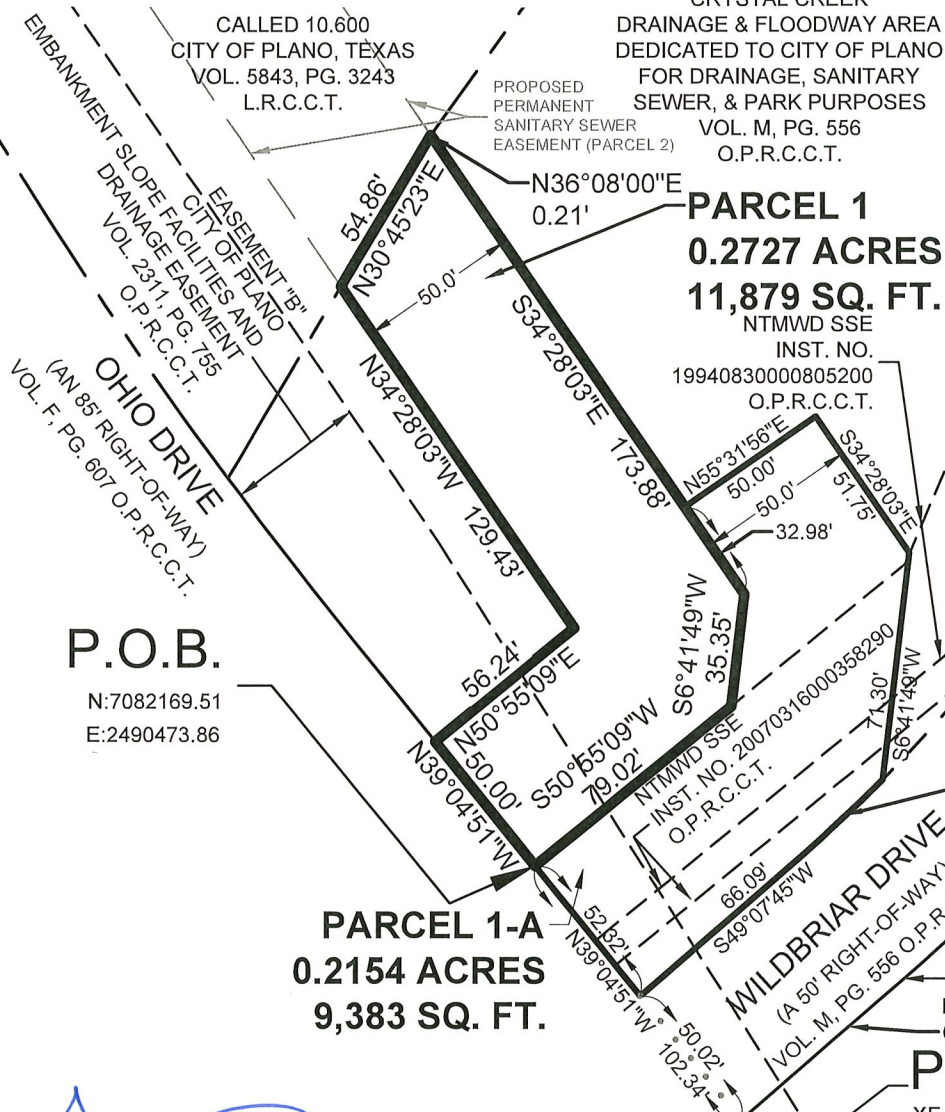
LEGEND

P.O.C. = POINT OF COMMENCING
 P.O.B. = POINT OF BEGINNING
 IRF = IRON ROD FOUND
 XF = "X" CUT FOUND
 SSE = SANITARY SEWER EASEMENT
 L.R.C.C.T. = LAND RECORDS OF
 COLLIN COUNTY, TEXAS
 O.P.R.C.C.T. = OFFICIAL PUBLIC
 RECORDS, COLLIN COUNTY, TEXAS

$\Delta=4^{\circ}17'51''$
 $R=475.00'$
 $L=35.63'$
 $CB=S46^{\circ}58'49''W$
 $C=35.62'$

P.O.C.

LOT 46, BLOCK H
 CRYSTAL CREEK
 VOL. M, PG. 556
 O.P.R.C.C.T.



P.O.B.

N:7082169.51
 E:2490473.86

PARCEL 1-A
0.2154 ACRES
9,383 SQ. FT.

J. Andy Dobbs

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EXHIBIT "A"
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OWNER: CITY OF PLANO, TEXAS
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AND TEMPORARY CONSTRUCTION EASEMENTS
COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY SEWER EASEMENT DESCRIPTION
(PARCEL 2)**

BEING a tract of land situated in the COLLIN COUNTY SCHOOL LAND Survey, Abstract No. 153, Collin County, Texas, and being a portion of a called 10.600 acre tract of land described in Special Warranty Deed to the City of Plano, Texas, recorded in Volume 5843, Page 3243 of the Land Records of Collin County, Texas, and being more particularly described as follows:

COMMENCING at an "X" cut in concrete found at the intersection of the northeast right-of-way line of Ohio Drive (an 85-foot wide right-of-way) with the southeast right-of-way line of Wildbriar Drive (a 50-foot wide right-of-way), and being the west corner of Lot 46, Block H, Crystal Creek, an addition to the City of Plano, according to plat recorded in Volume M, Page 556 of the Official Public Records of Collin County, Texas, from which a 1/2" iron rod bears North 49°07'45" East, at a distance of 67.66 feet, and an "X" cut in concrete found bears South 39°04'51" East, 280.13 feet;

THENCE with said northeast right-of-way line of Ohio Drive, North 39°04'51" West, a distance of 50.02 feet to the south corner of Lot 1, Block I, of said Crystal Creek, at the intersection of the northwest right-of-way line of said Wildbriar Drive with said northeast right-of-way line of Ohio Drive;

THENCE continuing with said northeast right-of-way line of Ohio Drive and the southwest line of said Lot 1, Block I, the following courses and distances:

North 39°04'51" West, a distance of 149.82 feet to a point for the beginning of a tangent curve to the right with a radius of 1,357.49 feet, a central angle of 02°25'38", and a chord bearing and distance of North 37°52'01" West, 57.50 feet;

In a northwesterly direction, with said tangent curve to the right, an arc distance of 57.50 feet to a point for the most westerly southwest corner of said Lot 1, Block I, and the south corner of said 10.600 acre tract;

(Continued on Sheet 2)

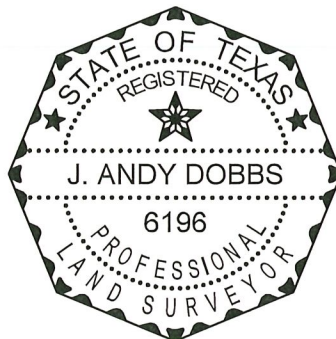
NOTES

1. The bearings, distances, and areas shown hereon are ground/surface values based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983, U.S. Survey Feet (sFT), scaled from base point 0,0 using a Project Combined Factor (PCF) of 1.000152710. Coordinates are grid values.
2. An exhibit drawing with the same date hereon accompanies this description.



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N/A	JDF	JAD	Jan. 2024	064305036	1 OF 9

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PARCEL NO. 2
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COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY CONSTRUCTION EASEMENT DESCRIPTION
(PARCEL 2)**

(Continued from Sheet 1)

THENCE departing said northeast right-of-way line of Ohio Drive with the northwest line of said Lot 1, Block I and the southeast line of said 10.600 acre tract, North 30°45'23" East, a distance of 69.70 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for the **POINT OF BEGINNING**, having a grid coordinate value of N:7082350.46, E:2490412.75;

THENCE departing said northwest line of Lot 1, Block I and said southeast line of the 10.600 acre tract, over and across said 10.600 acre tract the following courses and distances:

North 34°28'03" West, a distance of 201.38 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

North 28°42'25" East, a distance of 670.04 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set in the northwest line of said 10.600 acre tract and the southeast right-of-way line of Razor Boulevard (a variable width right-of-way), recorded in Instrument No. 20050127000115820 of said Official Public Records, for the beginning of a non-tangent curve to the left with a radius of 1,206.33 feet, a central angle of 27°10'50", and a chord bearing and distance of North 25°51'08" East, 566.92 feet;

THENCE with said southeast right-of-way line of Razor Boulevard and said northwest line of said 10.600 acre tract, the following courses and distances:

In a northeasterly direction, with said non-tangent curve to the left, an arc distance of 572.27 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

North 12°15'43" East, a distance of 516.42 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for the northwest corner of said 10.600 acre tract and the southwest corner of a called 7.642 acre tract of land described in Special Warranty Deed to the City of Plano, Texas, recorded in Volume 4570, Page 3649 of said Land Records;

THENCE departing said southeast right-of-way line of Razor Boulevard and with the south line of said 7.642 acre tract and the north line of said 10.600 acre tract, North 89°51'30" East, a distance of 40.96 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

(Continued on Sheet 3)


					
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EXHIBIT "A"
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NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 2
OWNER: CITY OF PLANO, TEXAS
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY CONSTRUCTION EASEMENT DESCRIPTION
(PARCEL 2)**

(Continued from Sheet 2)

THENCE departing said south line of the 7.642 acre tract and said north line of the 10.600 acre tract, over and across said 10.600 acre tract, the following courses and distances:

South 12°15'43" West, a distance of 525.22 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for the beginning of a tangent curve to the right with a radius of 1,246.33 feet, a central angle of 29°16'27", and a chord bearing and distance of South 26°53'57" West, 629.89 feet;
In a southwesterly direction, with said tangent curve to the right, an arc distance of 636.79 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;
South 28°42'25" West, a distance of 577.15 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;
South 34°28'03" East, a distance of 169.99 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner in said northwest line of Lot 1, Block I and said southeast line of the 10.600 acre tract;

THENCE with said southeast lines of the 10.600 acre tract and said northwest line of Lot 1, Block I, the following courses and distances:

South 36°08'00" West, a distance of 0.21 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;
South 30°45'23" West, a distance of 54.86 feet to the **POINT OF BEGINNING** and containing 73,012 square feet or 1.6761 acres of land.


					
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EXHIBIT "A"
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NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 2
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AND TEMPORARY CONSTRUCTION EASEMENTS
COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**TEMPORARY CONSTRUCTION EASEMENT DESCRIPTIONS
(PARCEL 2-A)**

BEING a variable width Temporary Construction Easement containing 32,137 square feet or 0.7378 acres of land as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 2-B)

BEING a variable width Temporary Construction Easement containing 12,865 square feet or 0.2953 acres of land as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 2-C)

BEING a 50' Temporary Construction Easement containing 19,375 square feet or 0.4448 acres of land, parallel and contiguous to the east lines of said Permanent Sanitary Sewer Easement as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 2-D)

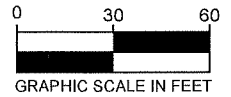
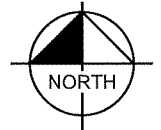
BEING a 50' Temporary Construction Easement containing 7,779 square feet or 0.1786 acres of land, parallel and contiguous to the east lines of said Permanent Sanitary Sewer Easement as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

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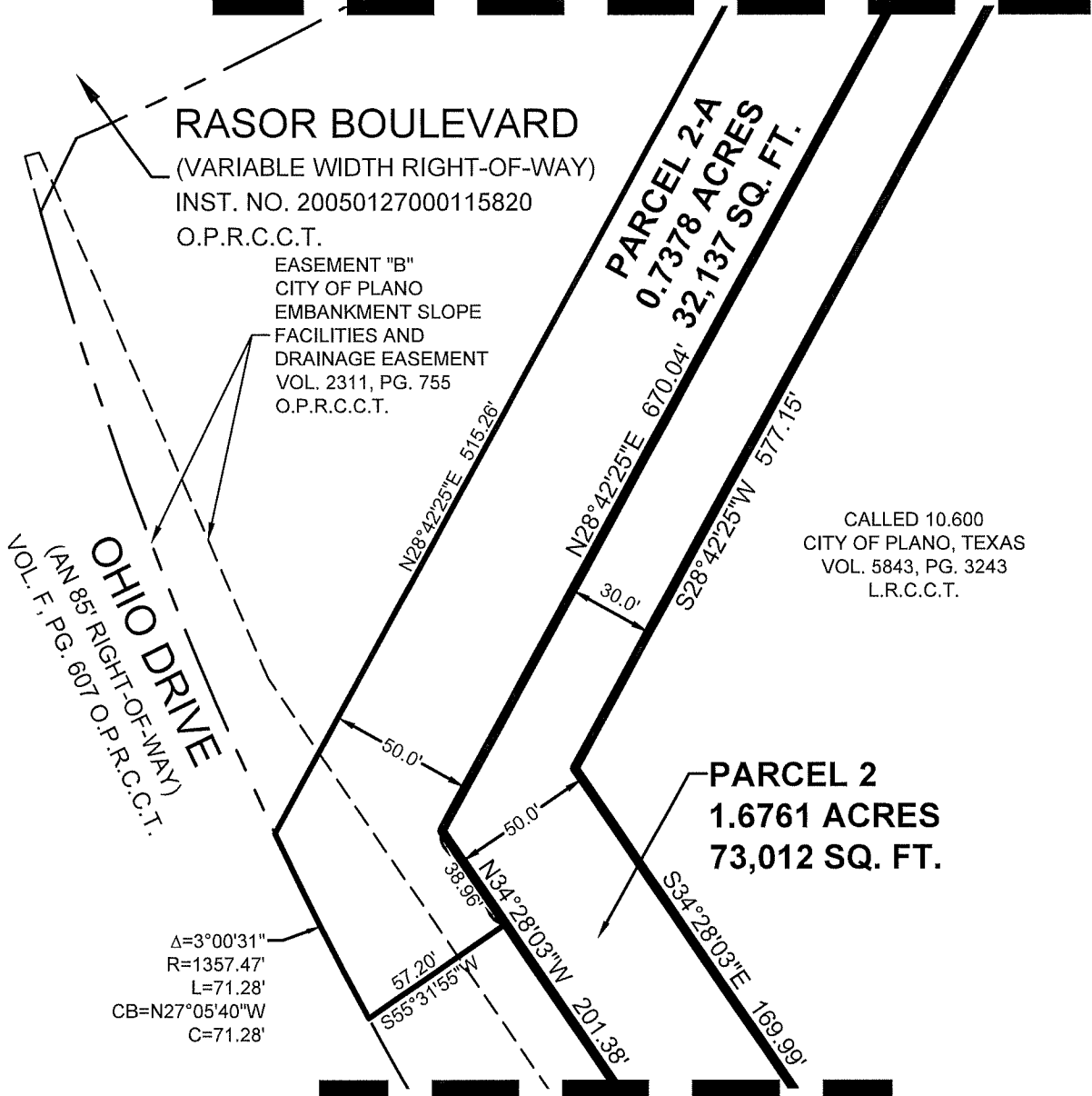
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 COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
 CITY OF PLANO, COLLIN COUNTY, TEXAS

MATCH LINE B (SEE SHEET 7)



RASOR BOULEVARD
 (VARIABLE WIDTH RIGHT-OF-WAY)
 INST. NO. 20050127000115820
 O.P.R.C.C.T.

EASEMENT "B"
 CITY OF PLANO
 EMBANKMENT SLOPE
 FACILITIES AND
 DRAINAGE EASEMENT
 VOL. 2311, PG. 755
 O.P.R.C.C.T.

OHIO DRIVE
 (AN 85' RIGHT-OF-WAY)
 VOL. F, PG. 607 O.P.R.C.C.T.

CALLED 10.600
 CITY OF PLANO, TEXAS
 VOL. 5843, PG. 3243
 L.R.C.C.T.

$\Delta=3^{\circ}00'31''$
 $R=1357.47'$
 $L=71.28'$
 $CB=N27^{\circ}05'40''W$
 $C=71.28'$

PARCEL 2
 1.6761 ACRES
 73,012 SQ. FT.

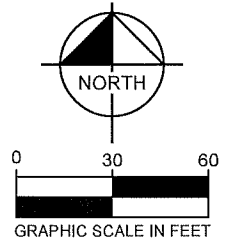
MATCH LINE A (SEE SHEET 5)

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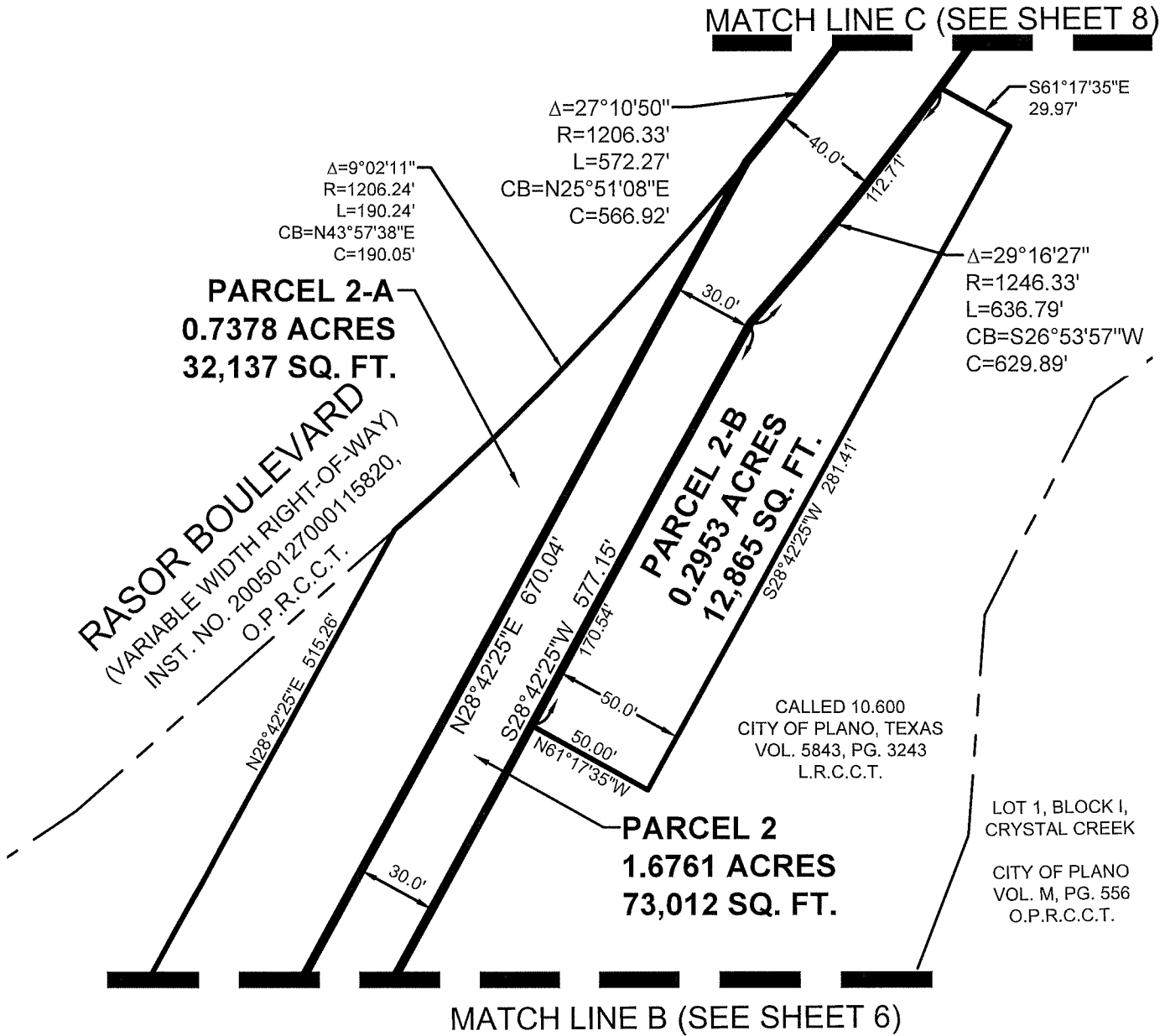
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1" = 60'	JDF	JAD	Jan. 2024	064305036	6 OF 9

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 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
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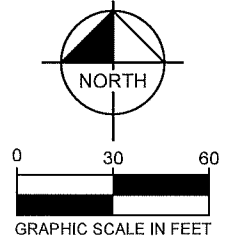


Kimley»Horn

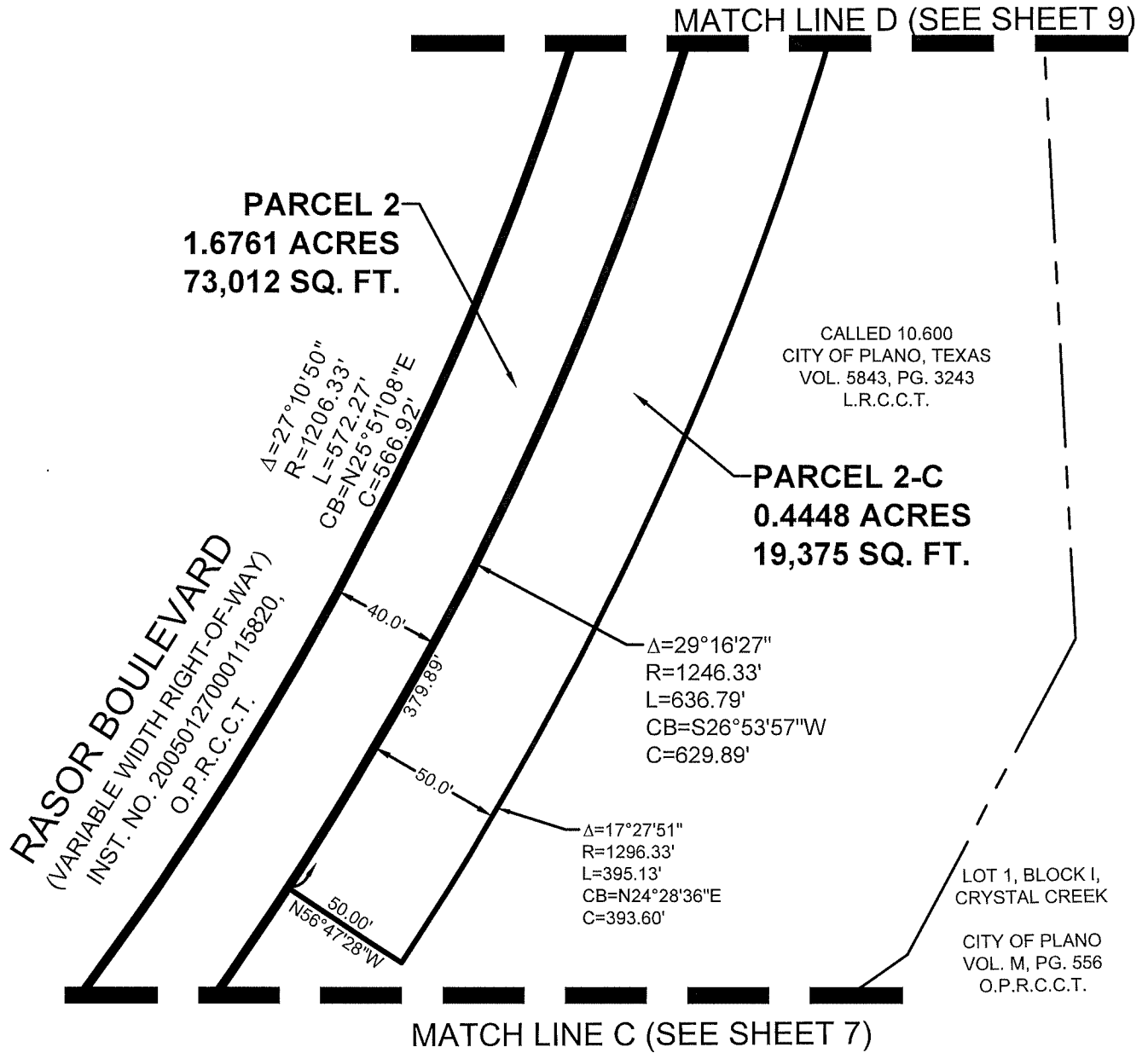
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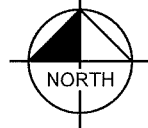


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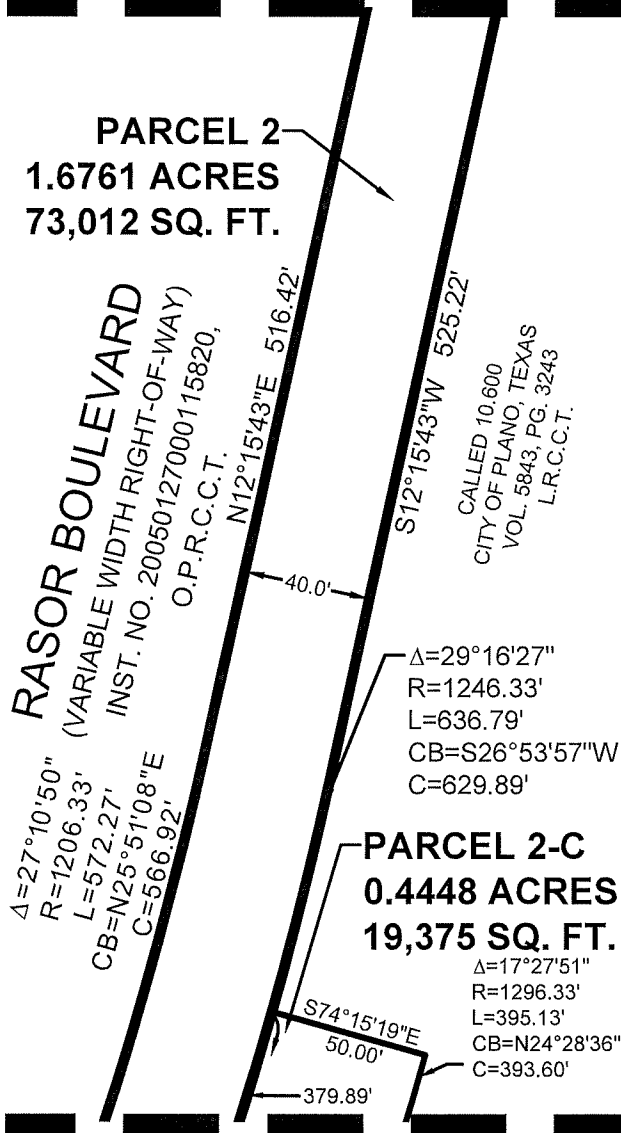
Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 60'	JDF	JAD	Jan. 2024	064305036	8 OF 9

EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18

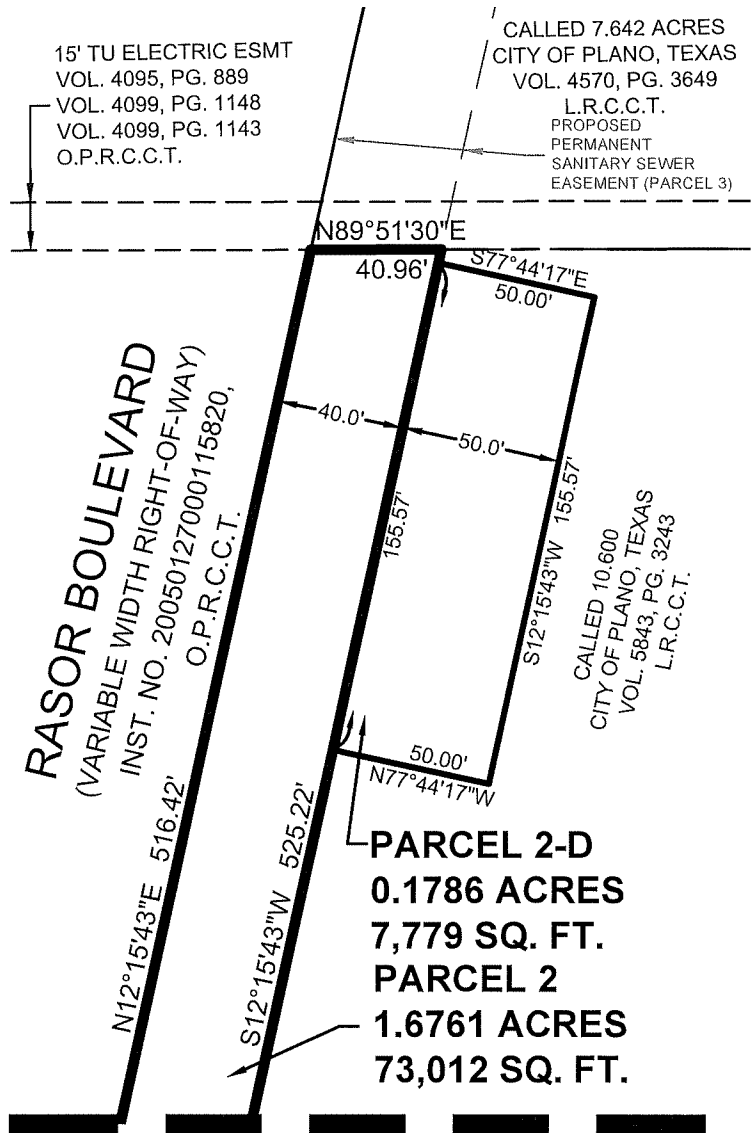


PARCEL NO. 2
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
 CITY OF PLANO, COLLIN COUNTY, TEXAS

MATCH LINE E (THIS SHEET)



MATCH LINE D (SEE SHEET 8)



MATCH LINE E (THIS SHEET)

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 60'	JDF	JAD	Jan. 2024	064305036	9 OF 9

EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 3
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
 CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY SEWER EASEMENT DESCRIPTION
 (PARCEL 3)**

BEING a tract of land situated in the Collin County School Land Survey, Abstract No. 153, Collin County, Texas, and being part of a called 7.642 acre tract of land described in Special Warranty Deed to the City of Plano, Texas, recorded in Volume 4570, Page 3649, Land Records of Collin County, Texas, and being more particularly described as follows:

COMMENCING at a 5/8-inch iron rod with red plastic cap stamped "KHA" found for a southwest corner of a called 23.675 acre tract of land described in Special Warranty Deed to the City of Plano, Texas, recorded in Instrument No. 20161117001560870 of the Official Public Records of Collin County, Texas, and being the north corner of a corner clip at the intersection of southeast right-of-way line of Razor Boulevard (a variable width right-of-way), as recorded in Instrument No. 20060127000115460 of said Official Public Records and Volume 4570, Page 3657 of the Land Records of Collin County, Texas, and the north right-of-way line of McDermott Road (a variable width right-of-way) as recorded in Volume 4570, Page 3657 of said Land Records and Instrument No. 20040816001218230 of said Official Public Records;

THENCE with a southwest line of said 23.675 acre tract and with said corner clip, South 32°11'45" East, a distance of 18.39 to a point for the south corner of said corner clip and the most southerly corner of said 23.675 acre tract, in said north right-of-way line of McDermott Road, from which a 5/8-inch iron rod with red plastic cap stamped "KHA" bears a chord bearing of North 66°21'26 East and chord distance of 333.84 feet;

THENCE departing said corner clip and said southwest corner of the 23.675 acre tract, over and across said McDermott Road, South 39°37'32" East, a distance of 133.54 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for the **POINT OF BEGINNING** in the south right-of-way line of said McDermott Road and the north line of said 7.642 acre tract of land, having grid coordinates of N:785214.69, E:2491726.62;

(Continued on Sheet 2)

NOTES

1. The bearings, distances, and areas shown hereon are ground/surface values based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983, U.S. Survey Feet (sFT), scaled from base point 0,0 using a Project Combined Factor (PCF) of 1.000152710. Coordinates are grid values.
2. An exhibit drawing with the same date hereon accompanies this description.

J. ANDY DOBBS
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1-18-24



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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JDF	JAD	Jan. 2024	064305036	1 OF 8

EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 3
OWNER: CITY OF PLANO, TEXAS
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY CONSTRUCTION EASEMENT DESCRIPTION
(PARCEL 3)**

(Continued from Sheet 1)

THENCE departing said south right-of-way line of McDermott Road and said north line of the 7.642 acre tract, over and across said 7.642 acre tract, the following courses and distances:

South 12°18'51" West, a distance of 55.11 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;
South 60°33'10" West, a distance of 319.42 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;
South 35°55'58" West, a distance of 152.01 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for the beginning of a tangent curve to the left with a radius of 1,900.32 feet, a central angle of 23°40'15", and a chord bearing and distance of South 24°05'50" West, 779.51 feet;
In a southwesterly direction, with said tangent curve to the left, an arc distance of 785.08 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;
South 12°15'43" West, a distance of 51.66 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner in the south line of said 7.642 acre tract and the north line of a called 10.600 acre tract of land described in Special Warranty Deed to the City of Plano, Texas, recorded in Volume 5843, Page 3243 of said Land Records;

THENCE with said south line of the 7.642 acre tract and said north line of the 10.600 acre tract, South 89°51'30" West, a distance of 40.96 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner in said east right-of-way line of Razor Boulevard, for the southwest corner of said 7.642 acre tract and the northwest corner of said 10.600 acre tract;

THENCE with said east right-of-way line of Razor Boulevard and the west line of said 6.742 acre tract, the following courses and distances:

North 12°15'43" East, a distance of 60.46 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for the beginning of a tangent curve to the right with a radius of 1,940.32 feet, a central angle of 23°40'15", and a chord bearing and distance of North 24°05'50" East, 795.92 feet;
In a northeasterly direction, with said tangent curve to the right, an arc distance of 801.61 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

(Continued on Sheet 3)

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JDF	JAD	Jan. 2024	064305036	2 OF 8

EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 3
OWNER: CITY OF PLANO, TEXAS
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY CONSTRUCTION EASEMENT DESCRIPTION
(PARCEL 3)**

(Continued from Sheet 2)

North 35°55'58" East, a distance of 151.34 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

North 36°32'44" East, a distance of 9.63 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

THENCE departing said east right-of-way line of Rasor Boulevard and said west line of the 7.642 acre tract, over and across said 7.642 acre tract, the following courses and distances:

North 60°33'10" East, a distance of 309.99 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

North 12°18'51" East, a distance of 18.21 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for the beginning of a non-tangent curve to the left with a radius of 1,115.00 feet, a central angle of 02°16'32", and a chord bearing and distance of North 76°54'47" East, 44.28 feet, in the said south right-of-way line of McDermott Road, and the north line of said 7.642 acre tract;

THENCE with said south right-of-way line of McDermott Road and said north line of the 7.642 acre tract, in an easterly direction, with said non-tangent curve to the left, an arc distance of 44.28 feet to the **POINT OF BEGINNING** and containing 54,284 square feet or 1.2462 acres of land.

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JDF	JAD	Jan. 2024	064305036	3 OF 8

EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 3
OWNER: CITY OF PLANO, TEXAS
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**TEMPORARY CONSTRUCTION EASEMENT DESCRIPTIONS
(PARCEL 3-A)**

BEING a 50' Temporary Construction Easement containing 32,634 square feet or 0.7492 acres of land, parallel and contiguous to the east line of said Permanent Sanitary Sewer Easement, as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 3-B)

BEING a 50' Temporary Construction Easement containing 25,555 square feet or 0.5867 acres of land, parallel and contiguous to the southeast and east line of said Permanent Sanitary Sewer Easement, as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 3-C)

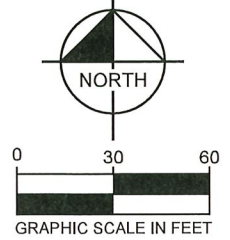
BEING a variable width Temporary Construction Easement containing 8,558 square feet or 0.1965 acres of land as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JDF	JAD	Jan. 2024	064305036	4 OF 8

EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18

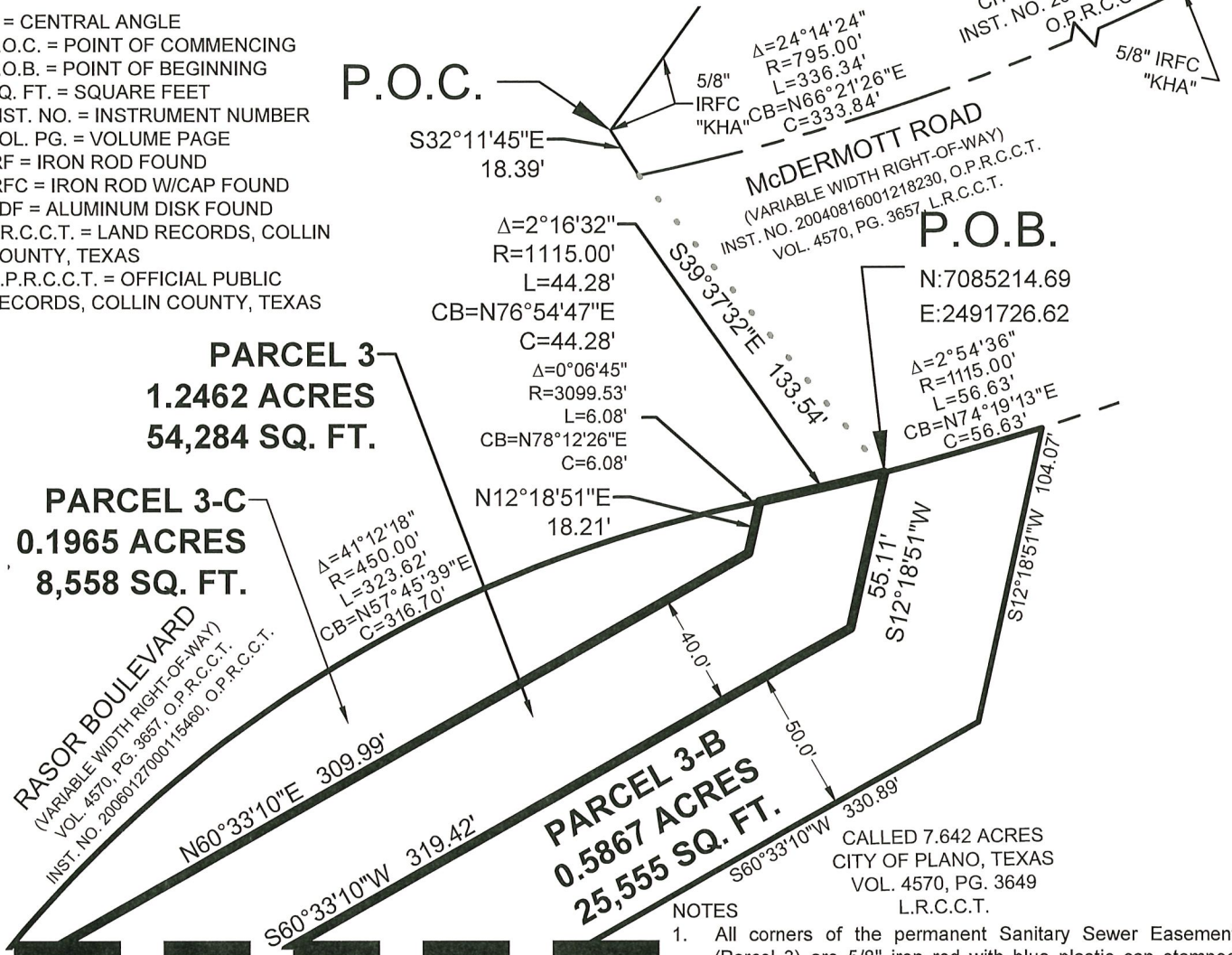


PARCEL NO. 3
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
 CITY OF PLANO, COLLIN COUNTY, TEXAS

LEGEND

Δ = CENTRAL ANGLE
 P.O.C. = POINT OF COMMENCING
 P.O.B. = POINT OF BEGINNING
 SQ. FT. = SQUARE FEET
 INST. NO. = INSTRUMENT NUMBER
 VOL. PG. = VOLUME PAGE
 IRF = IRON ROD FOUND
 IRFC = IRON ROD W/CAP FOUND
 ADF = ALUMINUM DISK FOUND
 L.R.C.C.T. = LAND RECORDS, COLLIN COUNTY, TEXAS
 O.P.R.C.C.T. = OFFICIAL PUBLIC RECORDS, COLLIN COUNTY, TEXAS

CALLED 23.675 ACRES
 CITY OF PLANO, TEXAS
 INST. NO. 2016117001560870
 O.P.R.C.C.T.



MATCH LINE A (SEE SHEET 6)

NOTES

- All corners of the permanent Sanitary Sewer Easement (Parcel 3) are 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set unless otherwise noted.
- The bearings, distances, and areas shown hereon are ground/surface values based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983, U.S. Survey Feet (sFT), scaled from base point 0,0 using a Project Combined Factor (PCF) of 1.000152710. Coordinates are grid values.
- A description with the same date hereon accompanies this exhibit drawing.

[Signature]

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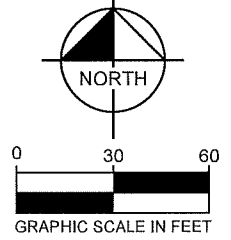


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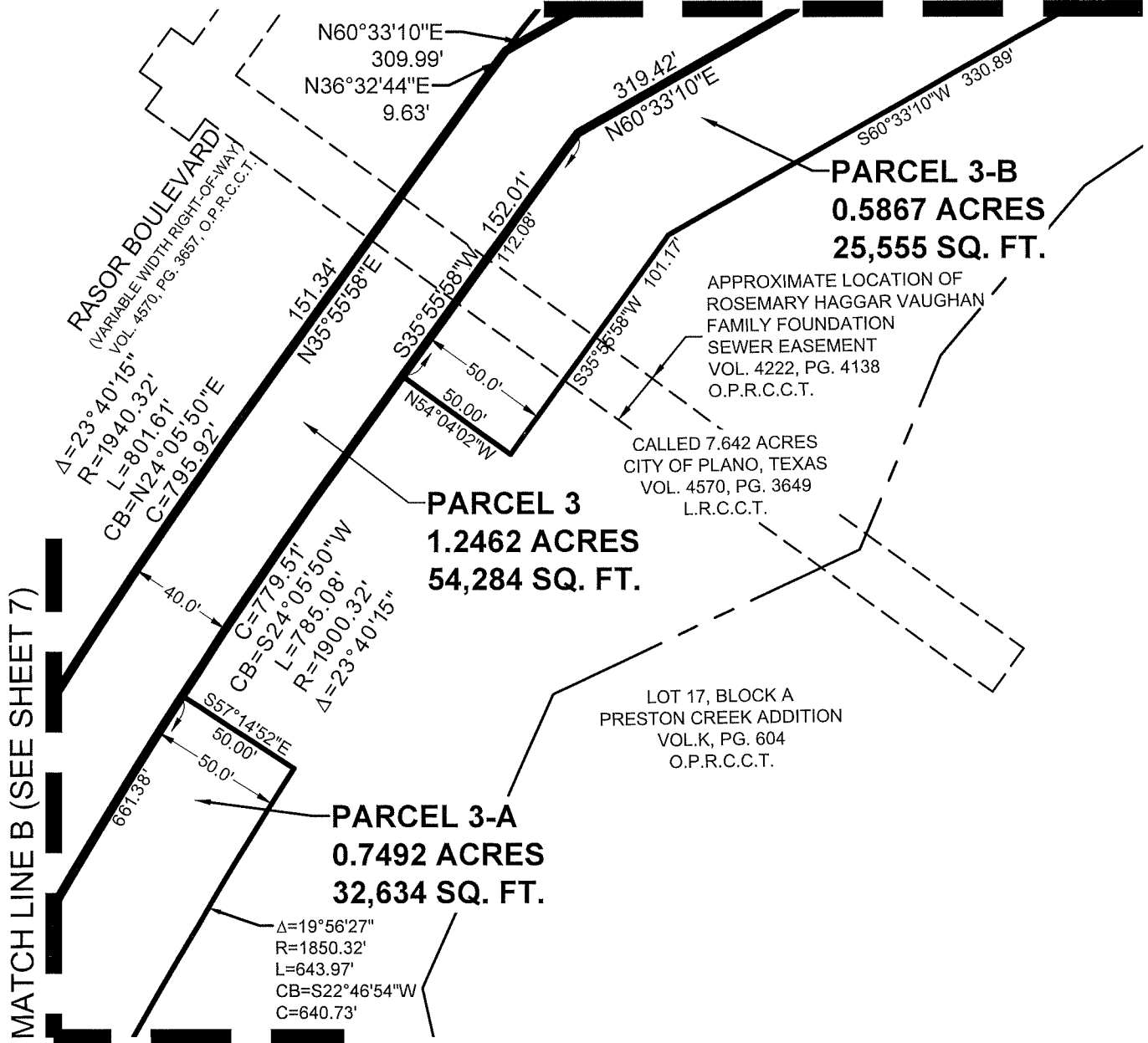
Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 60'	JDF	JAD	Jan. 2024	064305036	5 OF 8

EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 3
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
 CITY OF PLANO, COLLIN COUNTY, TEXAS

MATCH LINE A (SEE SHEET 5)



MATCH LINE B (SEE SHEET 7)

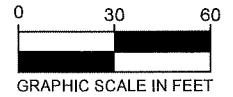
MATCH LINE B (SEE SHEET 7)

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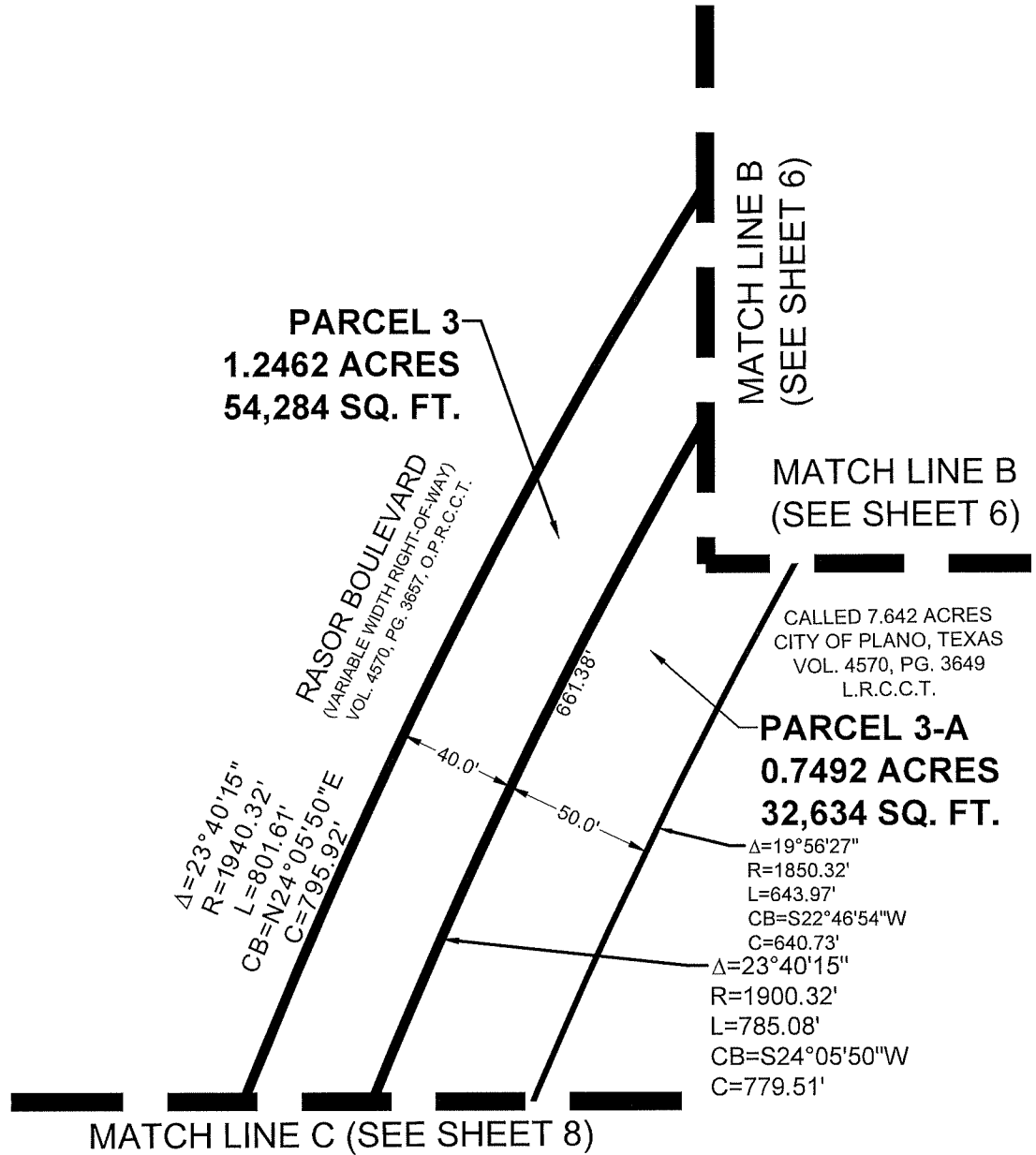
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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 60'	JDF	JAD	Jan. 2024	064305036	6 OF 8

EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 3
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
 CITY OF PLANO, COLLIN COUNTY, TEXAS

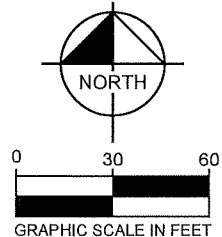


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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 60'	JDF	JAD	Jan. 2024	064305036	7 OF 8

EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 3
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
 CITY OF PLANO, COLLIN COUNTY, TEXAS

MATCH LINE C (SEE SHEET 7)

PARCEL 3
 1.2462 ACRES
 54,284 SQ. FT.

RASOR BOULEVARD
 (VARIABLE WIDTH RIGHT-OF-WAY)
 VOL. 4570, PG. 3657, O.P.R.C.C.T.

$\Delta = 23^\circ 40' 15''$
 $R = 1940.32'$
 $L = 801.61'$
 $CB = N24^\circ 05' 50'' E$
 $C = 795.92'$

$C = 640.73'$
 $CB = S22^\circ 46' 54'' W$
 $L = 643.97'$
 $R = 1850.32'$
 $\Delta = 19^\circ 56' 27''$

$\Delta = 19^\circ 56' 27''$
 $R = 1900.32'$
 $L = 661.38'$
 $CB = S22^\circ 46' 54'' W$
 $C = 658.04'$

CALLED 7.642 ACRES
 CITY OF PLANO, TEXAS
 VOL. 4570, PG. 3649
 L.R.C.C.T.

PARCEL 3-A
 0.7492 ACRES
 32,634 SQ. FT.

15' TU ELECTRIC ESMT
 VOL. 4095, PG. 889
 VOL. 4099, PG. 1148
 VOL. 4099, PG. 1143
 O.P.R.C.C.T.

$N12^\circ 15' 43'' E$
 60.46'

$N77^\circ 11' 20'' W$
 50.00'
 $S12^\circ 15' 43'' W$
 51.66'

40.0'
 50.0'
 40.96'
 $S89^\circ 51' 30'' W$

PROPOSED
 PERMANENT
 SANITARY SEWER
 EASEMENT (PARCEL 2)

CALLLED 10.600
 CITY OF PLANO, TEXAS
 VOL. 5843, PG. 3243
 L.R.C.C.T.

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 60'	JDF	JAD	Jan. 2024	064305036	8 OF 8

EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 4.1
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
 CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY SEWER EASEMENT DESCRIPTION
 (PARCEL 4.1)**

BEING a tract of land situated in the Collin County School Land Survey, Abstract No. 153, Collin County, Texas, and being part of a called 23.675 acre tract described in Special Warranty Deed to the City of Plano, Texas, recorded in Instrument No. 20161117001560870 of the Official Public Records of Collin County, Texas, and being more particularly described as follows:

BEGINNING at a 3 1/4" aluminum disk stamped "PACHECO KOCH PLANO" found for the southwest corner of Lot 1, Block A, Rasor/McDermott Public Service Campus, an addition to the City of Plano, according to the plat recorded in Volume 2019, Page 631 of said Official Public Records, in the southeast right-of-way line of Rasor Boulevard (a variable width right-of-way), recorded in Instrument No. 20080123000088080 and Instrument No. 20060127000115460 of said Official Public Records, having grid coordinates of N: 7086971.60, E: 2492254.04, from which a 5/8-inch iron rod with red plastic cap stamped "KHA" bears North 27°48'13" East, at a distance of 622.15 feet;

THENCE departing said southeast right-of-way line of Rasor Boulevard, with the southwest line of said Lot 1, Block A, over and across said 23.675 acre tract, South 62°24'35" East, a distance of 30.00 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

THENCE departing said southwest line of Lot 1, Block A, continuing over and across said 23.675 acre tract, the following courses and distances:

South 27°48'13" West, a distance of 425.65 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for the beginning of a tangent curve to the left with a radius of 1,915.00 feet, a central angle of 22°04'22", and a chord bearing and distance of South 16°46'02" West, 733.19 feet;

(Continued on Sheet 2)

NOTES

1. The bearings, distances, and areas shown hereon are ground/surface values based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983, U.S. Survey Feet (sFT), scaled from base point 0,0 using a Project Combined Factor (PCF) of 1.000152710. Coordinates are grid values.
2. An exhibit drawing with the same date hereon accompanies this description.

J. ANDY DOBBS 1-18-24
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Scale	Drawn by
N/A	JDF
Checked by	Date
JAD	Jan. 2024
Project No.	Sheet No.
064305036	1 OF 8

EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 4.1
OWNER: CITY OF PLANO, TEXAS
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY CONSTRUCTION EASEMENT DESCRIPTION
(PARCEL 4.1)**

(Continued from Sheet 1)

In a southerly direction, with said tangent curve to the left, an arc distance of 737.74 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for the beginning of a reverse curve to the right with a radius of 1,084.95 feet, a central angle of 14°47'11", and a chord bearing and distance of South 13°07'28" West, 279.22 feet;

In a southerly direction, with said reverse curve to the right, an arc distance of 279.99 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

South 12°18'51" West, a distance of 265.60 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set in a south line of said 23.675 acre tract and the north right-of-way line of McDermott Road (a variable width right-of-way) as recorded in Instrument No. 20040816001218230 of said Official Public Records, and Volume 4570, Page 3657 of the Land Records of Collin County, Texas, for the beginning of a non-tangent curve to the right with a radius of 795.00 feet, a central angle of 02°30'58", and a chord bearing and distance of South 71°33'36" West, 34.91 feet;

THENCE in a westerly direction with said north right-of-way line of McDermott Road and said south line of the 23.675 acre tract, with said non-tangent curve to the right, an arc distance of 34.91 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

THENCE departing said north right-of-way line of McDermott Road and said south line of the 23.675 acre tract, over and across said 23.675 acre tract, North 12°18'51" East, a distance of 285.62 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for the beginning of a non-tangent curve to the left with a radius of 1,055.00 feet, a central angle of 14°54'09", and a chord bearing and distance of North 13°10'55" East, 273.63 feet, in the west line of said 23.675 acre tract and said southeast right-of-way line of Rasor Boulevard, from said point a 5/8-inch iron rod with plastic cap stamped "KHA" bears a chord bearing and distance of South 21°44'03" West, 40.54 feet, South 23°32'52" West, a distance of 159.31 feet;

THENCE with said southeast right-of-way line of Rasor Boulevard and the west lines of the 23.675 acre tract, the following courses and distances:

(Continued on Sheet 3)

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JDF	JAD	Jan. 2024	064305036	2 OF 8

EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 4.1
OWNER: CITY OF PLANO, TEXAS
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY CONSTRUCTION EASEMENT DESCRIPTION
(PARCEL 4.1)**

(Continued from Sheet 2)

In a northerly direction, with said non-tangent curve to the left, an arc distance of 274.40 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for the beginning of a reverse curve to the right with a radius of 1,945.00 feet, a central angle of 22°04'21", and a chord bearing and distance of North 16°46'03" East, 744.66 feet;

In a northerly direction, with said reverse curve to the right, an arc distance of 749.28 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

North 27°48'13" East, a distance of 425.53 feet to the **POINT OF BEGINNING** and containing 51,662 square feet or 1.1860 acres of land.

Kimley»»Horn

13455 Noel Road, Two Galleria Office Tower, Suite 700, Dallas, Texas 75240 FIRM # 10115500 Tel. No. (972) 770-1300 Fax No. (972) 239-3820

Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JDF	JAD	Jan. 2024	064305036	3 OF 8

EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 4.1
OWNER: CITY OF PLANO, TEXAS
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**TEMPORARY CONSTRUCTION EASEMENT DESCRIPTIONS
(PARCEL 4.1-A)**

BEING a 25' Temporary Construction Easement containing 5,591 square feet or 0.1284 acres of land, parallel and contiguous to the west line of said Permanent Sanitary Sewer Easement, as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 4.1-B)

BEING a variable width Temporary Construction Easement containing 7,140 square feet or 0.1639 acres of land as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 4.1-C)

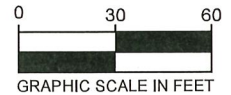
BEING a 50' Temporary Construction Easement containing 43,420 square feet or 0.9968 acres of land, parallel and contiguous to the east lines of said Permanent Sanitary Sewer Easement, as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JDF	JAD	Jan. 2024	064305036	4 OF 8

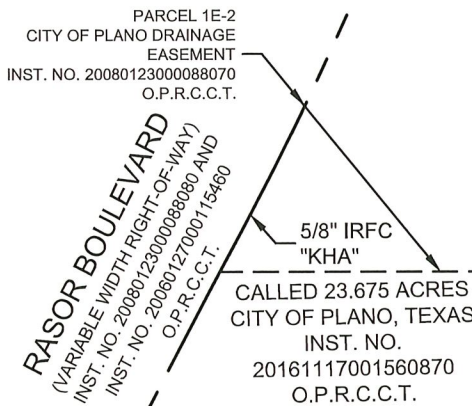
EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 4.1
OWNER: CITY OF PLANO, TEXAS
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

NOTES

1. All corners of the permanent Sanitary Sewer Easement (Parcel 4.1) are 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set unless otherwise noted.
2. The bearings, distances, and areas shown hereon are ground/surface values based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983, U.S. Survey Feet (sFT), scaled from base point 0,0 using a Project Combined Factor (PCF) of 1.000152710. Coordinates are grid values.
3. A description with the same date hereon accompanies this exhibit drawing.



LEGEND

- Δ = CENTRAL ANGLE
- P.O.B. = POINT OF BEGINNING
- SQ. FT. = SQUARE FEET
- INST. NO. = INSTRUMENT NUMBER
- VOL. PG. = VOLUME PAGE
- IRF = IRON ROD FOUND
- IRFC = IRON ROD W/CAP FOUND
- ADF = ALUMINUM DISK FOUND
- L.R.C.C.T. = LAND RECORDS, COLLIN COUNTY, TEXAS
- O.P.R.C.C.T. = OFFICIAL PUBLIC RECORDS, COLLIN COUNTY, TEXAS

3 1/4" ADF
 "PACHECO KOCH PLANO"

P.O.B.

N:7086971.60
 E:2492254.04

PARCEL 4.1
1.1860 ACRES
51,662 SQ. FT.

N27°48'13"E
 425.53'

N27°48'13"E
 622.15'

PARCEL 4.1-C
0.9968 ACRES
43,420 SQ. FT.

S27°48'13"W
 425.65'

LOT 1, BLOCK A
 RASOR/MCDEMOTT
 PUBLIC SERVICE
 CAMPUS
 VOL. 2019, PG. 631
 O.P.R.C.C.T.

TY OF PLANO
 DRAINAGE &
 FLOODWAY
 EASEMENT
 INST. NO.
 20190919010004020
 O.P.R.C.C.T.

CALLLED 23.675 ACRES
 CITY OF PLANO, TEXAS
 INST. NO. 20161117001560870
 O.P.R.C.C.T.

PARCEL 1E-3
 CITY OF PLANO DRAINAGE EASEMENT
 INST. NO. 20080123000088070
 O.P.R.C.C.T.

MATCH LINE A (SEE SHEET 6)

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 REGISTERED PROFESSIONAL
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1.18.24

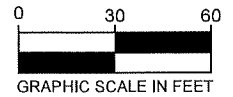


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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 60'	JDF	JAD	Jan. 2024	064305036	5 OF 8

EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 4.1
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
 CITY OF PLANO, COLLIN COUNTY, TEXAS

MATCH LINE A
 (SEE SHEET 5)

PARCEL 4.1
 1.1860 ACRES
 51,662 SQ. FT.

RASOR BOULEVARD
 (VARIABLE WIDTH RIGHT-OF-WAY)
 INST. NO. 20080123000088080 AND
 INST. NO. 20060127000115460
 O.P.R.C.C.T.

PARCEL 1E-3
 CITY OF PLANO
 DRAINAGE EASEMENT
 INST. NO.
 20080123000088070
 O.P.R.C.C.T.
 CALLED 23.675 ACRES
 CITY OF PLANO, TEXAS
 INST. NO. 20161117001560870
 O.P.R.C.C.T.

PARCEL 4.1-C
 0.9968 ACRES
 43,420 SQ. FT.

5/8" IRFC "KHA"
 $\Delta=22^{\circ}04'21''$
 $R=1945.00'$
 $L=749.28'$
 $CB=N16^{\circ}46'03''E$
 $C=744.66'$

$\Delta=13^{\circ}25'11''$
 $R=1865.00'$
 $L=436.81'$
 $CB=S21^{\circ}05'38''W$
 $C=435.82'$

$\Delta=22^{\circ}04'22''$
 $R=1915.00'$
 $L=737.74'$
 $CB=S16^{\circ}46'02''W$
 $C=733.19'$

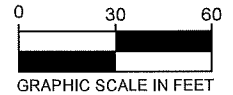
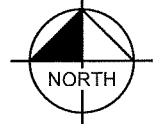
MATCH LINE B
 (SEE SHEET 7)

Kimley»Horn

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 60'	JDF	JAD	Jan. 2024	064305036	6 OF 8

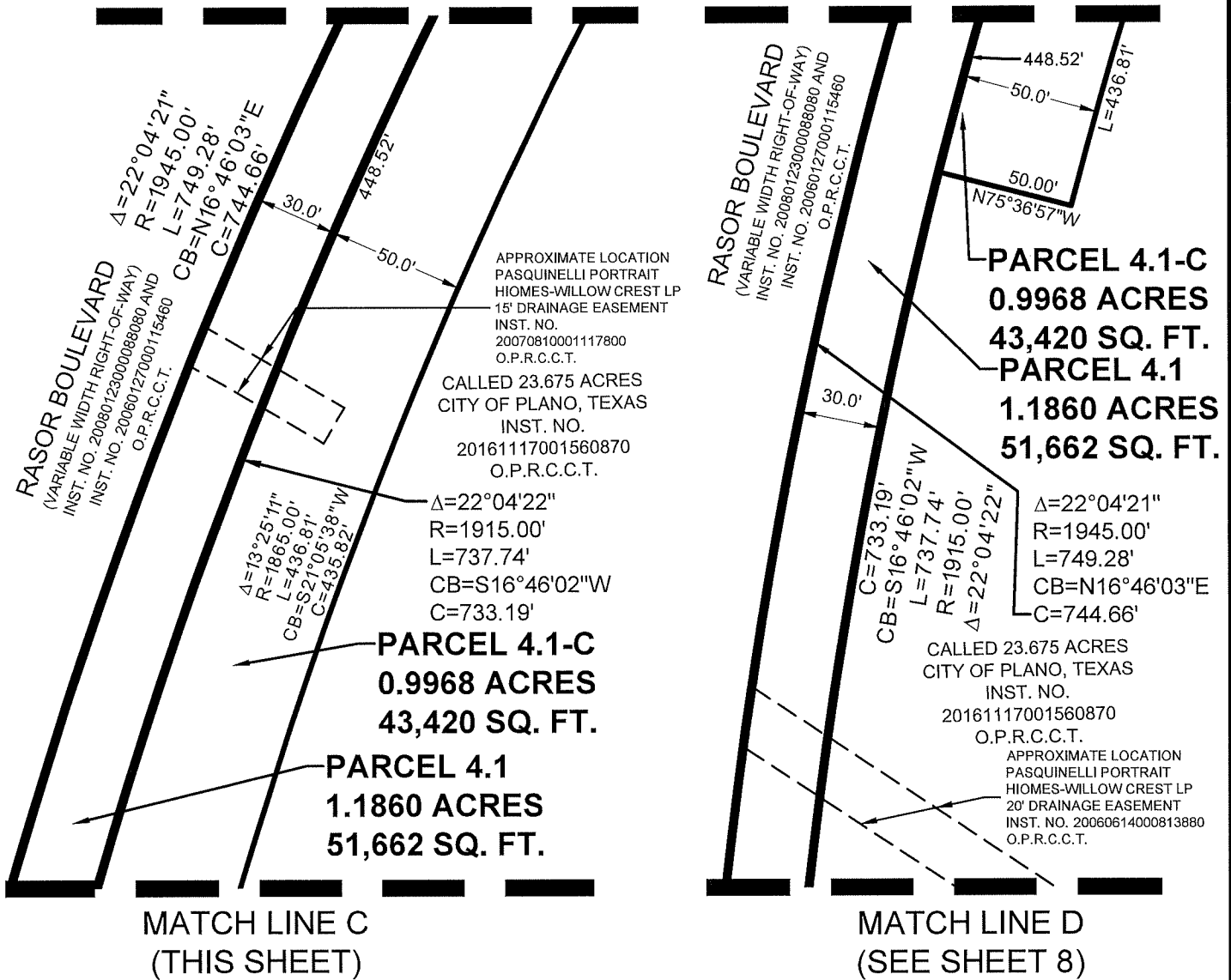
EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 4.1
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
 CITY OF PLANO, COLLIN COUNTY, TEXAS

MATCH LINE B
 (SEE SHEET 6)

MATCH LINE C
 (THIS SHEET)

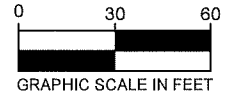
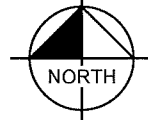


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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 60'	JDF	JAD	Jan, 2024	064305036	7 OF 8

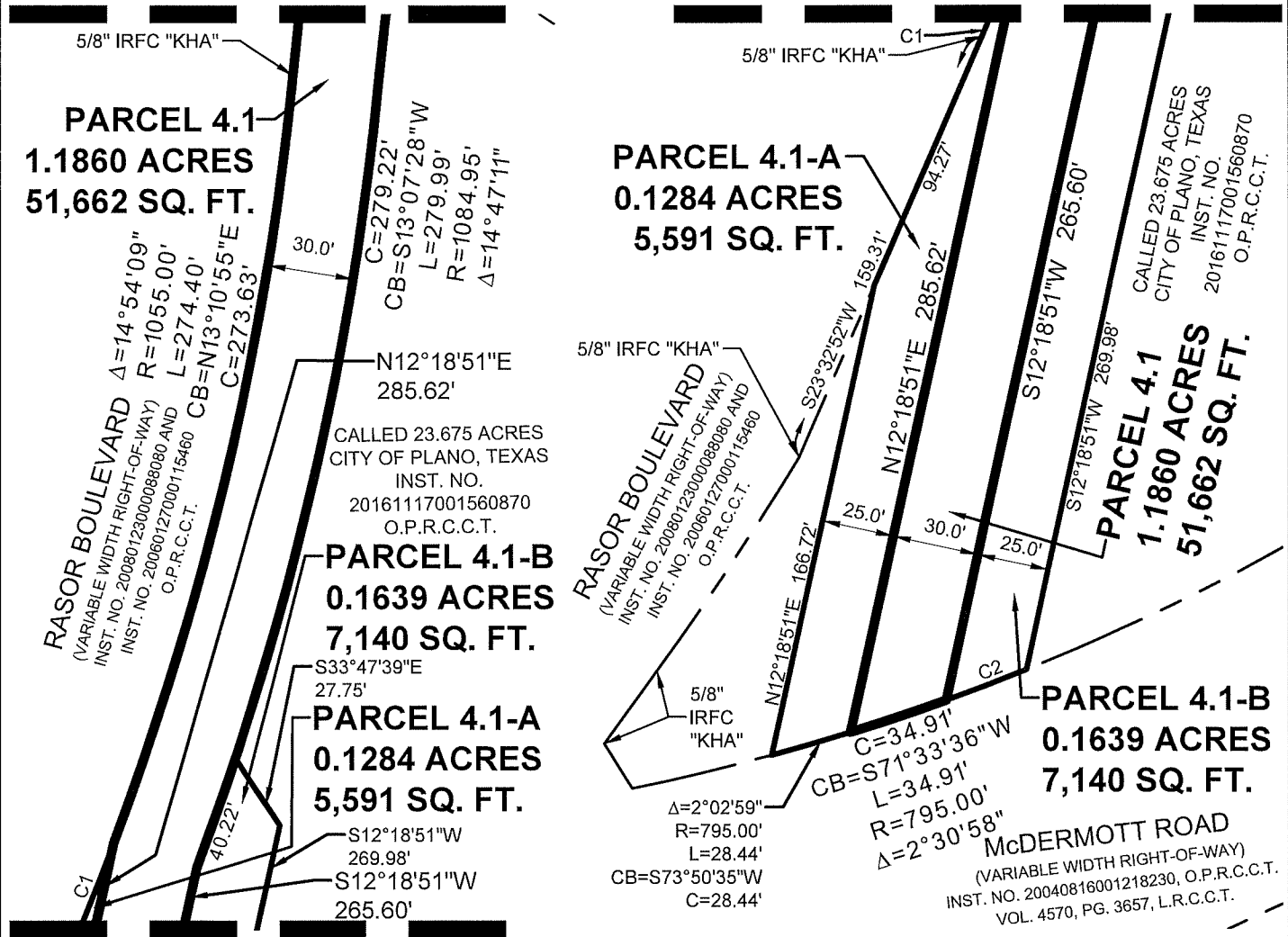
EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 4.1
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 COLLIN COUNTY SCHOOL LAND SURVEY, ABSTRACT NO. 153
 CITY OF PLANO, COLLIN COUNTY, TEXAS

MATCH LINE D
 (SEE SHEET 7)

MATCH LINE E
 (THIS SHEET)



MATCH LINE E
 (THIS SHEET)

CURVE TABLE					
NO.	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD
C1	2°12'07"	1055.00'	40.55'	S21°44'03"W	40.54'
C2	2°09'02"	795.00'	29.84'	N69°13'36"E	29.84'

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Scale 1" = 60'	Drawn by JDF	Checked by JAD	Date Jan. 2024	Project No. 064305036	Sheet No. 8 OF 8
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EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 4.2
OWNER: CITY OF PLANO, TEXAS
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENT
COLLIN COUNTY SCHOOL LAND SURVEY SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY SEWER EASEMENT DESCRIPTION
(PARCEL 4.2)**

BEING a tract of land situated in the Collin County School Land Survey, Abstract No. 153, City of Plano, Collin County, Texas, and being part of a called 23.675 acre tract described in Special Warranty Deed to CITY OF PLANO, TEXAS, recorded in Instrument No. 20161117001560870, Official Public Records, Collin County, Texas, and being more particularly described as follows:

COMMENCING at a 3 1/4" aluminum disk stamped "PACHECO KOCH PLANO" found for the southwest corner of Lot 1, Block A, Rasor/McDermott Public Service Campus, an addition to the City of Plano, according to the plat recorded in Volume 2019, Page 631 of said Official Public Records, in the southeast right-of-way line of Rasor Boulevard (a variable width right-of-way), Instrument No. 20080123000088080 of said Official Public Records;

THENCE with said southeast right-of-way line of Rasor Boulevard, North 27°48'13" East, a distance of 419.79 feet to a 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set for the **POINT OF BEGINNING**, and being the most northerly corner of said Lot 1, having a grid coordinate value of N: 7087342.87, E: 2492449.81;

THENCE continuing with said southeast right-of-way line of Rasor Boulevard, North 27°48'13" East, a distance of 60.36 feet to a 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner, from which a 5/8" iron rod with red plastic cap stamped "KHA" bears North 27°48'13" East, at a distance of 142.00 feet;

THENCE departing said southeast right-of-way line of Rasor Boulevard, over and across said 23.675 acre tract, North 72°48'11" East, a distance of 148.56 feet to a 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set in the west line of a called 3.737 acre tract of land described in Special Warranty Deed to the City of Plano, Texas, as recorded in Instrument No. 20170718000939910 of said Official Public Records and the east line of said 23.675 acre tract;

(Continued on Sheet 2)

NOTES

1. The bearings, distances, and areas shown hereon are ground/surface values based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983, U.S. Survey Feet (sFT), scaled from base point 0,0 using a Project Combined Factor (PCF) of 1.000152710. Coordinates are grid values.
2. An exhibit drawing with the same date hereon accompanies this description.

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JDF	JAD	Jan. 2024	064305036	1 OF 5

EXHIBT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 4.2
OWNER: CITY OF PLANO, TEXAS
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENT
COLLIN COUNTY SCHOOL LAND SURVEY SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY CONSTRUCTION EASEMENT DESCRIPTION
(PARCEL 4.2)**

(Continued from Sheet 1)

THENCE with said west line of the 3.737 acre tract and said east line of the 23.675 acre tract, South 00°21'16" East, a distance of 31.34 feet to a 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

THENCE departing said west line of the 3.737 acre tract and over and across said 23.675 acre tract, the following courses and distances:

South 72°48'11" West, a distance of 127.05 feet to a 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

South 27°48'13" West, a distance of 47.94 feet to a 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner in the north line of said Lot 1;

THENCE with said north line of Lot 1, North 62°11'33" West, a distance of 30.00 feet to the **POINT OF BEGINNING** and containing 5,759 square feet or 0.1322 acres of land.

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JDF	JAD	Jan. 2024	064305036	2 OF 5

EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 4.2
OWNER: CITY OF PLANO, TEXAS
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENT
COLLIN COUNTY SCHOOL LAND SURVEY SURVEY, ABSTRACT NO. 153
CITY OF PLANO, COLLIN COUNTY, TEXAS

**TEMPORARY CONSTRUCTION EASEMENT DESCRIPTION
(PARCEL 4.2-A)**

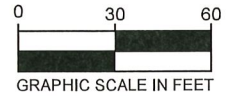
BEING a 50' Temporary Construction Easement containing 7,336 square feet or 0.1684 acres of land, parallel and contiguous to the southeast lines of said Permanent Sanitary Sewer Easement, as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

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13455 Noel Road, Two Galleria Office Tower, Suite 700, Dallas, Texas 75240 FIRM # 10115500 Tel. No. (972) 770-1300 Fax No. (972) 239-3820

Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JDF	JAD	Jan. 2024	064305036	3 OF 5

EXHIBT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 4.2
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENT
 COLLIN COUNTY SCHOOL LAND SURVEY SURVEY, ABSTRACT NO. 153
 CITY OF PLANO, COLLIN COUNTY, TEXAS

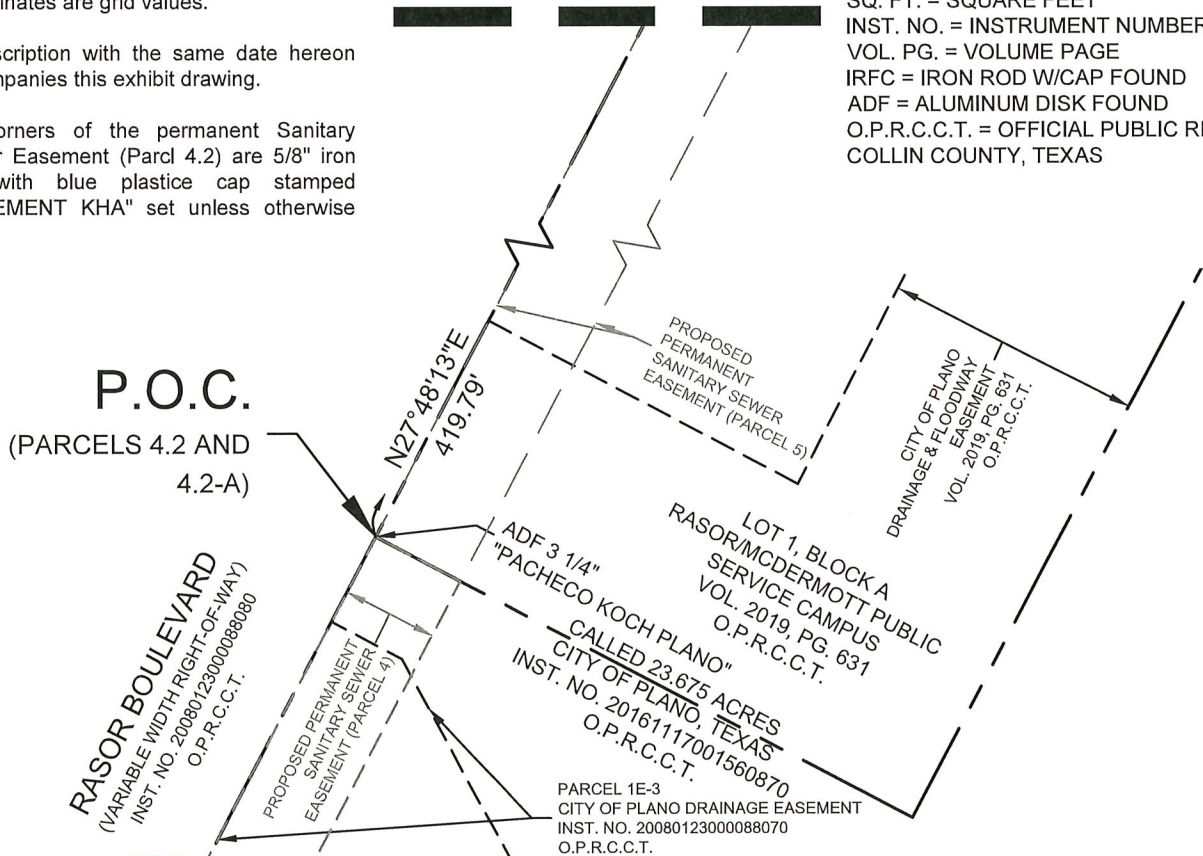
NOTES

1. The bearings, distances, and areas shown hereon are ground/surface values based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983, U.S. Survey Feet (sFT), scaled from base point 0,0 using a Project Combined Factor (PCF) of 1.000152710. Coordinates are grid values.
2. A description with the same date hereon accompanies this exhibit drawing.
3. All corners of the permanent Sanitary Sewer Easement (Parcel 4.2) are 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set unless otherwise noted.

MATCH LINE A
 (SEE SHEET 5)

LEGEND

- P.O.C. = POINT OF COMMENCING
- P.O.B. = POINT OF BEGINNING
- SQ. FT. = SQUARE FEET
- INST. NO. = INSTRUMENT NUMBER
- VOL. PG. = VOLUME PAGE
- IRFC = IRON ROD W/CAP FOUND
- ADF = ALUMINUM DISK FOUND
- O.P.R.C.C.T. = OFFICIAL PUBLIC RECORDS, COLLIN COUNTY, TEXAS



[Handwritten signature]

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 60'	JDF	JAD	Jan. 2024	064305036	4 OF 5

EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 6
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 JOHN WHEELER SURVEY, ABSTRACT NO. 1029
 CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY SEWER EASEMENT DESCRIPTION
 (PARCEL 6)**

BEING a tract of land situated in the John Wheeler Survey, Abstract No. 1029, City of Plano, Collin County, Texas, and being part of a called 3.737 acre tract described in Special Warranty Deed to City of Plano, Texas, recorded in Instrument No. 20170718000939910, Official Public Records, Collin County, Texas, and being more particularly described as follows:

COMMENCING at a 3 1/4" aluminum disk stamped "PACHECO KOCH PLANO" found for the southwest corner of Lot 1, Block A, Rasor/McDermott Public Service Campus, an addition to the City of Plano, according to the plat recorded in Volume 2019, Page 631 of said Official Public Records, in the southeast right-of-way line of Rasor Boulevard (a variable width right-of-way), Instrument No. 20080123000088080 of said Official Public Records;

THENCE with said southeast right-of-way line of Rasor Boulevard, the following courses and distances:

North 27°48'13" East, a distance of 622.15 feet to a 5/8" iron rod with red plastic cap stamped "KHA" found for the beginning of a tangent curve to the left with a radius of 1,105.00 feet, a central angle of 09°54'20", and a chord bearing and distance of North 22°51'03" East, 190.80 feet;


In a northeasterly direction, with said tangent curve to the left, an arc distance of 191.04 feet to a 5/8" iron rod with red plastic cap stamped "KHA" found for the most westerly southwest corner of Lot 1, Block A, State Highway 121 and Rasor Addition, an addition to the City of Plano as recorded in Volume 2022, Page 513 of said Official Public Records;

THENCE departing said southeast right-of-way line of Rasor Boulevard with the southwest line of said Lot 1, State Highway 121 and Rasor Addition, South 00°21'16" East, a distance of 70.82 feet to the most southern corner of said Lot 1, State Highway 121 & Rasor Addition, and the most northerly northwest corner of said 3.737 acre tract;

(Continued on Sheet 2)

NOTES

1. The bearings, distances, and areas shown hereon are ground/surface values based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983, U.S. Survey Feet (sFT), scaled from base point 0,0 using a Project Combined Factor (PCF) of 1.000152710. Coordinates are grid values.
2. An exhibit drawing with the same date hereon accompanies this description.


 J. ANDY DOBBS
 REGISTERED PROFESSIONAL
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1-26-24



<h1 style="margin: 0;">Kimley»Horn</h1>	
13455 Noel Road, Two Galleria Office Tower, Suite 700, Dallas, Texas 75240	Tel. No. (972) 770-1300 Fax No. (972) 239-3820
Scale	Date
N/A	Jan. 2024
Drawn by	Checked by
JDF	JAD
Project No.	Sheet No.
064305036	1 OF 6

EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 6
OWNER: CITY OF PLANO, TEXAS
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
JOHN WHEELER SURVEY, ABSTRACT NO. 1029
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY CONSTRUCTION EASEMENT DESCRIPTION
(PARCEL 6)**

(Continued from Sheet 1)

THENCE with said south line of said Lot 1, State Highway 121 and Rasor Addition and the north line of said 3.737 acre tract, the following courses and distances:

North 81°35'41" East, passing at a distance of 3.39 feet to the southeast corner of said Lot 1, State Highway 121 and Rasor Addition, continuing for a total distance of 73.30 feet to a 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set for the **POINT OF BEGINNING**, said point having a grid coordinate of N: 7087637.55, E: 2492691.21;

THENCE continuing with said north line of the 3.737 acre tract and the south line of Lot 6X, Block G, Villages of Prairie Commons West, an addition to the City of Plano, according to the plat recorded in Volume 2018, Page 44 of said Official Public Records, North 81°35'41" East, a distance of 30.88 feet to a 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

THENCE departing said south line of Lot 6X and said north line of the 3.737 acre tract, over and across said 3.737 acre tract, the following courses and distances:

South 05°18'11" West, a distance of 208.64 feet to a 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;
South 72°48'11" West, a distance of 86.29 feet to a 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner in the west line of said 3.737 acre tract and in the east line of a called 23.675 acre tract of land described in Special Warranty Deed to the City of Plano, Texas, as recorded in Instrument No. 20161117001560870 of said Official Public Records, from said point a 5/8-inch iron rod with plastic cap stamped "KHA" bears South 00°21'16 East, 491.08 feet;

THENCE with said east line of the 23.675 acre tract and said west line of the 3.737 acre tract, North 00°21'16" West, a distance of 31.34 feet to a 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

THENCE departing said east line of the 23.675 acre tract and said west line of the 3.737 acre tract, over and across said 3.737 acre tract, the following courses and distances:

North 72°48'11" East, a distance of 57.16 feet to a 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;
North 05°18'11" East, a distance of 181.28 feet to the **POINT OF BEGINNING** and containing 8,001 square feet or 0.1837 acres of land.


					
13455 Noel Road, Two Galleria Office Tower, Suite 700, Dallas, Texas 75240			FIRM # 10115500	Tel. No. (972) 770-1300 Fax No. (972) 239-3820	
Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JDF	JAD	Jan. 2024	064305036	2 OF 6

EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 6
OWNER: CITY OF PLANO, TEXAS
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
JOHN WHEELER SURVEY, ABSTRACT NO. 1029
CITY OF PLANO, COLLIN COUNTY, TEXAS

TEMPORARY CONSTRUCTION EASEMENTS

(PARCEL 6-A)

BEING a variable width Temporary Construction Easement containing 8,104 square feet or 0.1861 acres of land as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 6-B)

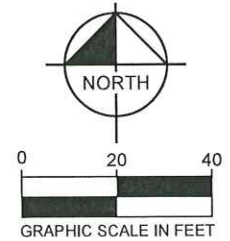
BEING a 50' Temporary Construction Easement containing 17,100 square feet or 0.3926 acres of land, parallel and contiguous to the east and south lines of said Permanent Sanitary Sewer Easement, as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JDF	JAD	Jan. 2024	064305036	3 OF 6

EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 6
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 JOHN WHEELER SURVEY, ABSTRACT NO. 1029
 CITY OF PLANO, COLLIN COUNTY, TEXAS

NOTES

1. The bearings, distances, and areas shown hereon are ground/surface values based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983, U.S. Survey Feet (sFT), scaled from base point 0,0 using a Project Combined Factor (PCF) of 1.000152710. Coordinates are grid values.
2. A description with the same date hereon accompanies this exhibit drawing.
3. All corners of the permanent Sanitary Sewer Easement (Parcel 6) are 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set unless otherwise noted.

LEGEND

Δ = CENTRAL ANGLE
 P.O.C. = POINT OF COMMENCING
 P.O.B. = POINT OF BEGINNING
 SQ. FT. = SQUARE FEET
 INST. NO. = INSTRUMENT NUMBER
 VOL. PG. = VOLUME PAGE
 IRF = IRON ROD FOUND
 IRFC = IRON ROD W/CAP FOUND
 ADF = ALUMINUM DISK FOUND
 O.P.R.C.C.T. = OFFICIAL PUBLIC RECORDS,
 COLLIN COUNTY, TEXAS

Δ=9°54'20"
 R=1105.00'
 L=191.04'
 CB=N22°51'03"E
 C=190.80'

5/8" IRFC
 "KHA"

MATCH LINE A
 (SEE SHEET 5)

RASOR BOULEVARD
 (VARIABLE WIDTH RIGHT-OF-WAY)
 INST. NO. 20080123000088080
 O.P.R.C.C.T.

P.O.C.

ADF 3 1/4"
 "PACHECO KOCH PLANO"

LOT 1, BLOCK A
 RASOR/MCDEMOTT PUBLIC
 SERVICE CAMPUS
 VOL. 2019, PG. 631
 O.P.R.C.C.T.

CITY OF PLANO
 DRAINAGE & FLOODWAY
 EASEMENT
 VOL. 2019, PG. 631
 O.P.R.C.C.T.

PARCEL 1E-3
 CITY OF PLANO
 DRAINAGE EASEMENT
 INST. NO. 20080123000088070
 O.P.R.C.C.T.

J. ANDY DOBBS
 REGISTERED PROFESSIONAL
 LAND SURVEYOR NO. 6196
 13455 NOEL ROAD
 TWO GALLERIA OFFICE TOWER,
 SUITE 700
 DALLAS, TEXAS 75240
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 andy.dobbs@kimley-horn.com

1-26-24

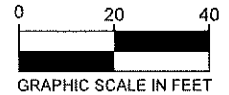


Kimley»Horn

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 40'	JDF	JAD	Jan. 2024	064305036	4 OF 6

EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18

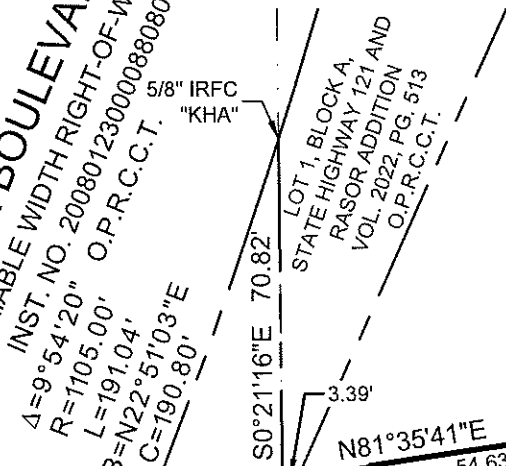


PARCEL NO. 6
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 JOHN WHEELER SURVEY, ABSTRACT NO. 1029
 CITY OF PLANO, COLLIN COUNTY, TEXAS

LOT 6X, BLOCK G
 VILLAGES OF PRAIRIE
 COMMONS WEST
 VOL. 2018, PG. 44
 O.P.R.C.C.T.

PROPOSED PERMANENT
 SANITARY SEWER EASEMENT
 (PARCEL 8)

RASOR BOULEVARD
 (VARIABLE WIDTH RIGHT-OF-WAY)
 INST. NO. 20080123000088080
 O.P.R.C.C.T.



PARCEL 6-A
 0.1861 ACRES
 8,104 SQ. FT.

P.O.B.

N: 7087637.55
 E: 2492691.21

PARCEL 6
 0.1837 ACRES
 8,001 SQ. FT.

PARCEL 6-B
 0.3926 ACRES
 17,100 SQ. FT.

COLLIN COUNTY SCHOOL
 LAND SURVEY,
 ABSTRACT NO. 153

PARCEL 1E-2
 CITY OF PLANO
 DRAINAGE
 EASEMENT
 INST. NO.
 20080123000088070
 O.P.R.C.C.T.

CALLED 23.675 ACRES
 CITY OF PLANO, TEXAS
 INST. NO.
 20161117001560870
 O.P.R.C.C.T.

JOHN WHEELER SURVEY,
 ABSTRACT NO. 1029

APPROXIMATE LOCATION OF
 ABSTRACT LINE

CALLED 3.737 ACRES
 CITY OF PLANO, TEXAS
 INST. NO. 20170718000939910
 O.P.R.C.C.T.

LOT 10, BLOCK T
 VILLAGES OF WHITE
 ROCK CREEK PHASE
 FOUR
 VOL. M, PG. 494
 O.P.R.C.C.T.

MATCH LINE A
 (SEE SHEET 4)

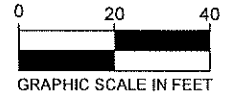
MATCH LINE B (SEE SHEET 6)

Kimley»Horn

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 40'	JDF	JAD	Jan. 2024	064305036	5 OF 6

EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 6
 OWNER: CITY OF PLANO, TEXAS
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 JOHN WHEELER SURVEY, ABSTRACT NO. 1029
 CITY OF PLANO, COLLIN COUNTY, TEXAS

MATCH LINE B (SEE SHEET 5)

PARCEL 6-A
 0.1861 ACRES
 8,104 SQ. FT.

PROPOSED PERMANENT
 SANITARY SEWER
 EASEMENT (PARCEL 6)

CALLED 23.675 ACRES
 CITY OF PLANO, TEXAS
 INST. NO.
 20161117001560870
 O.P.R.C.C.T.

PARCEL 6
 0.1837 ACRES
 8,001 SQ. FT.

COLLIN COUNTY SCHOOL
 LAND SURVEY,
 ABSTRACT NO. 153

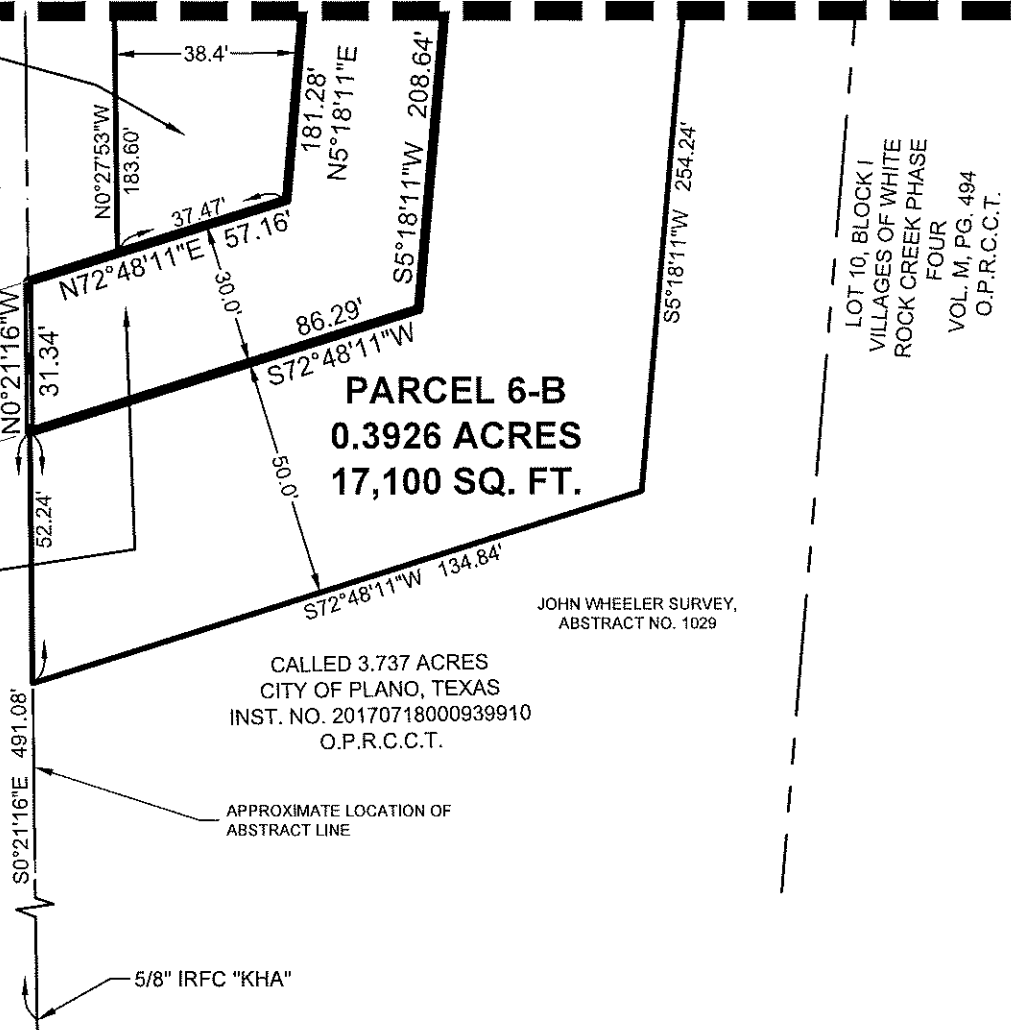
PARCEL 6-B
 0.3926 ACRES
 17,100 SQ. FT.

JOHN WHEELER SURVEY,
 ABSTRACT NO. 1029

CALLED 3.737 ACRES
 CITY OF PLANO, TEXAS
 INST. NO. 20170718000939910
 O.P.R.C.C.T.

APPROXIMATE LOCATION OF
 ABSTRACT LINE

LOT 10, BLOCK I
 VILLAGES OF WHITE
 ROCK CREEK PHASE
 FOUR
 VOL. M, PG. 494
 O.P.R.C.C.T.



5/8" IRFC "KHA"

Kimley»Horn

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 40'	JDF	JAD	Jan. 2024	064305036	6 OF 6

EXHIBIT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 7
OWNER: CITY OF PLANO
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
JOHN WHEELER SURVEY, ABSTRACT NO. 1029
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY SEWER EASEMENT DESCRIPTION
(PARCEL 7)**

BEING a tract of land situated in the John Wheeler Survey, Abstract No. 1029, City of Plano, Collin County, Texas, and being part of Lot 6X, Block G, Villages of Prairie Commons West, an addition to the City of Plano, according to the plat recorded in Volume 2018, Page 44, Official Public Records, Collin County, Texas, as dedicated to the City of Plano by said Villages of Prairie Commons West, and being more particularly described as follows:

COMMENCING at a 1/2-inch iron rod with plastic cap stamped "MILLER 5665" found in the southeast right-of-way line of State Highway 121 (also known as Sam Rayburn Tollway, a variable width right-of-way), as recorded in Volume 4659, Page 2943 and Volume 4637, Page 2508 of the Land Records of Collin County, Texas, for the northeast corner of said Lot 6X, Block A, and the northwest corner of Lot 1X, Block A, Villages of Prairie Commons West, an addition to the City of Plano, according to the plat recorded in Volume 2017, Page 849 of said Official Public Records, and being the beginning of a non-tangent curve to the right with a radius of 349.74 feet, a central angle of 04°13'29", and a chord bearing and distance of South 14°59'51" East, 25.78 feet, from which a 3 1/4-inch aluminum disk stamped "STATE DEPT HWYS AND PUB TRAN ROW MONUMENT MON NO. 1232", bears South 60°51'21" West, a distance of 823.85 feet, then South 61°25'01" West, a distance of 65.94 feet;

THENCE departing said southeast right-of-way line of State Highway 121, with the east line of said Lot 6X, Block G and the west line of said Lot 1X, Block A, the following courses and distances:

In a southerly direction, with said non-tangent curve to the right, an arc distance of 25.79 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for the **POINT OF BEGINNING**, having grid coordinates of N:7089308.02, E:2494018.01, and being the beginning of a non-tangent curve to the right with a radius of 349.74 feet, a central angle of 05°11'43", and a chord bearing and distance of South 10°17'15" East, 31.70 feet, in the south line of an existing 10-foot Sanitary Sewer Easement recorded in Instrument No. 20070702000899760 of said Official Public Records;

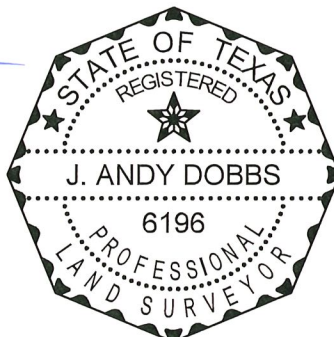
(Continued on Sheet 2)

NOTES

1. The bearings, distances, and areas shown hereon are ground/surface values based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983, U.S. Survey Feet (sFT), scaled from base point 0,0 using a Project Combined Factor (PCF) of 1.000152710. Coordinates are grid values.
2. An exhibit drawing with the same date hereon accompanies this description.

J. ANDY DOBBS
REGISTERED PROFESSIONAL
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1.9.24



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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JZ	JAD	Jan. 2024	064305036	1 OF 11

EXHIBT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 7
OWNER: CITY OF PLANO
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
JOHN WHEELER SURVEY, ABSTRACT NO. 1029
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY SEWER EASEMENT DESCRIPTION
(PARCEL 7)**

(Continued from Sheet 1)

In a southerly direction, with said non-tangent curve to the right, an arc distance of 31.71 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

THENCE departing said west line of Lot 1X, Block A, over and across said Lot 6X, Block G, the following courses and distances:


South 60°51'21" West, a distance of 699.28 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;
South 26°43'10" West, a distance of 897.80 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;
South 32°45'14" West, a distance of 184.85 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;
South 41°11'41" West, a distance of 265.61 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;
South 05°18'11" West, a distance of 137.80 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner in the south line of said Lot 6X, Block G, and in the north line of a called 3.737 acre tract of land described in Special Warranty Deed to the City of Plano, Texas, as recorded in Instrument No. 20170718000939910 of said Official Public Records;

THENCE with said south line of Lot 6X, Block G and said north line of the 3.737 acre tract, South 81°35'41" West, a distance of 30.88 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner, from which a 1/2-inch iron rod found for the southwest corner of said Lot 6X, Block G bears, South 81°35'41" West, at a distance of 69.91 feet;

THENCE departing said north line of the 3.737 acre tract, over and across said Lot 6X, Block G, North 05°18'11" East, a distance of 154.83 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner in a northwest line of said Lot 6X, Block G and a southeast line of Lot 1, Block A, State Highway 121 and Razor Addition, an addition to the City of Plano, according to the plat recorded in Volume 2022, Page 513 of said Official Public Records;

THENCE with said northwest line of Lot 6X, Block G and said southeast line of Lot 1, Block A, North 41°11'41" East, passing at a distance of 188.17 feet, a southeast corner of said Lot 1, Block A, continuing over and across said Lot 6X, Block G, for a total distance of 273.12 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

(Continued on Sheet 3)

					
13455 Noel Road, Two Galleria Office Tower, Suite 700, Dallas, Texas 75240			FIRM # 10115500	Tel. No. (972) 770-1300 Fax No. (972) 239-3820	
Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JZ	JAD	Jan. 2024	064305036	2 OF 11

EXHIBT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 7
OWNER: CITY OF PLANO
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
JOHN WHEELER SURVEY, ABSTRACT NO. 1029
CITY OF PLANO, COLLIN COUNTY, TEXAS

**PERMANENT SANITARY SEWER EASEMENT DESCRIPTION
(PARCEL 7)**

(Continued from Sheet 2)

THENCE continuing over and across said Lot 6X, Block G, North 32°45'14" East, passing at a distance of 46.11 feet, a southeast corner of said Lot 1, Block A, continuing with a southeast line of said Lot 1, Block A and a northwest line of said Lot 6X, Block G, for a total distance of 181.85 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for a southeast corner of said Lot 1, Block A and a northwest corner of said Lot 6X, Block G;

THENCE with a northwest line of said Lot 6X, Block G and a southeast line of said Lot 1, Block A, North 22°26'28" East, a distance of 1.11 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

THENCE departing said southeast line of Lot 1, Block A, over and across said Lot 6X, Block G, North 26°43'10" East, a distance of 499.39 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner in a northwest line of said Lot 6X, Block G and the southeast line of Lot 2, Block A, of said State Highway 121 and Rasor Addition;

THENCE with the northwest lines of Lot 6X, Block G, and the southeast lines of said Lot 2, Block A, the following courses and distances:

North 31°13'57" East, a distance of 2.26 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

North 20°02'56" East, a distance of 1.53 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

THENCE departing said southeast line of Lot 2, Block A, over and across said Lot 6X, Block G, the following courses and distances:

North 26°43'10" East, a distance of 400.37 feet to a 5/8-inch iron rod with blue plastic cap stamped "EASEMENT KHA" set for corner;

North 60°51'21" East, a distance of 718.74 feet to the **POINT OF BEGINNING** and containing 66,285 square feet or 1.5217 acres of land.

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JZ	JAD	Jan. 2024	064305036	3 OF 11

EXHIBT "A"
121 FORCE MAIN IMPROVEMENTS
NTMWD PROJECT NO. 501-0491-18

PARCEL NO. 7
OWNER: CITY OF PLANO
PERMANENT SANITARY SEWER EASEMENT
AND TEMPORARY CONSTRUCTION EASEMENTS
JOHN WHEELER SURVEY, ABSTRACT NO. 1029
CITY OF PLANO, COLLIN COUNTY, TEXAS

TEMPORARY CONSTRUCTION EASEMENTS

(PARCEL 7-A)

BEING a variable width Temporary Construction Easement containing 5,650 square feet or 0.1297 acres of land as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 7-B)

BEING a variable width Temporary Construction Easement containing 13,170 square feet or 0.3023 acres of land, as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 7-C)

BEING a variable width Temporary Construction Easement containing 1,084 square feet or 0.0249 acres of land as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 7-D)

BEING a variable width Temporary Construction Easement containing 2,300 square feet or 0.0528 acres of land as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 7-E)

BEING a variable width Temporary Construction Easement containing 17,795 square feet or 0.4085 acres of land as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 7-F)

BEING a 25' Temporary Construction Easement containing 6,066 square feet or 0.1393 acres of land, parallel and contiguous to the southeast lines of said Permanent Sanitary Sewer Easement, as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 7-G)

BEING a 50' Temporary Construction Easement containing 19,752 square feet or 0.4534 acres of land, parallel and contiguous to the southeast lines of said Permanent Sanitary Sewer Easement, as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

(PARCEL 7-H)

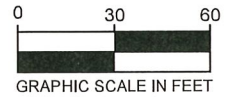
BEING a 25' Temporary Construction Easement containing 1,809 square feet or 0.0415 acres of land, parallel and contiguous to the northwest line of said Permanent Sanitary Sewer Easement, as shown on the referenced exhibits contained herein. Said Temporary Construction Easement shall expire upon completion of the 121 Force Main Improvements Project.

Kimley»»Horn

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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
N/A	JZ	JAD	Jan. 2024	064305036	4 OF 11

EXHIBT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 7
 OWNER: CITY OF PLANO
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 JOHN WHEELER SURVEY, ABSTRACT NO. 1029
 CITY OF PLANO, COLLIN COUNTY, TEXAS

LEGEND

P.O.C. = POINT OF COMMENCING
 P.O.B. = POINT OF BEGINNING
 IRFC = IRON ROD W/CAP FOUND
 ADF = ALUMINUM DISK FOUND
 INST. NO. = INSTRUMENT NUMBER
 VOL., PG. = VOLUME, PAGE
 SQ. FT. = SQUARE FEET
 O.P.R.C.C.T. = OFFICIAL PUBLIC RECORDS, COLLIN COUNTY, TEXAS
 L.R.C.C.T. = LAND RECORDS, COLLIN COUNTY, TEXAS

STATE HIGHWAY 121
 (A.K.A. SAM RAYBURN TOLLWAY)
 (VARIABLE WIDTH RIGHT-OF-WAY)
 VOL. 4659, PG. 2943 AND
 VOL. 4637, PG. 2508, L.R.C.C.T.
 S60°51'21"W 823.85'

(MATCHLINE A SHEET 6)

PARCEL 7-H
 0.0415 ACRES
 1,809 SQ. FT.

N60°51'21"E
 87.12'

15' SANITARY SEWER EASEMENT
 VOL. 4012, PG. 261
 L.R.C.C.T.
 S60°51'21"W 699.28'
 406.42'

S20°37'15"W
 38.70'

S60°51'21"W 382.02'

CITY OF PLANO
 10' WATER EASEMENT
 VOL. 2017, PG. 849
 O.P.R.C.C.T.

PARCEL 7
 1.5217 ACRES
 66,285 SQ. FT.

PARCEL 7-G
 0.4534 ACRES
 19,752 SQ. FT.

10' SANITARY SEWER EASEMENT
 INST. NO. 20070702000899760, O.P.R.C.C.T.
 N60°51'21"E 718.74'

P.O.C.
 1/2" IRFC
 "MILLER 5665"
 N:7089308.02
 E:2494018.01
 PROPOSED PERMANENT
 SANITARY SEWER
 EASEMENT (PARCEL 7)
 LOT 1X, BLOCK A
 VILLAGES OF PRAIRIE COMMON
 WEST
 VOL. 2017, PG. 849
 O.P.R.C.C.T.

CITY OF PLANO
 LOT 6X, BLOCK G
 VILLAGES OF PRAIRIE
 COMMONS WEST
 VOL. 2018, PG. 44
 O.P.R.C.C.T.

CURVE TABLE

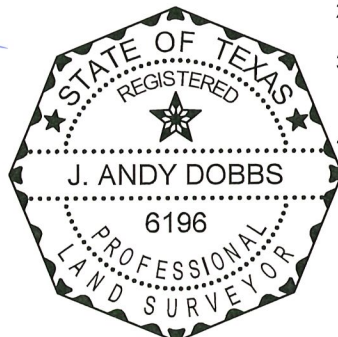
NO.	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD
C1	4°13'29"	349.74'	25.79'	S14°59'51"E	25.78'
C2	5°11'43"	349.74'	31.71'	S10°17'15"E	31.70'
C3	43°11'56"	349.74'	263.69'	S04°29'23"W	257.49'

NOTES

- The bearings, distances, and areas shown hereon are ground/surface values based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983, U.S. Survey Feet (sFT), scaled from base point 0,0 using a Project Combined Factor (PCF) of 1.000152710. Coordinates are grid values.
- A description with the same date hereon accompanies this exhibit drawing.
- All corners of the permanent Sanitary Sewer Easement (Parcel 7) are 5/8" iron rod with blue plastic cap stamped "EASEMENT KHA" set unless otherwise noted.
- All Easements shown belong to North Texas Municipal Water District unless otherwise noted.

J. ANDY DOBBS
 REGISTERED PROFESSIONAL
 LAND SURVEYOR NO. 6196
 13455 NOEL ROAD
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 SUITE 700
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1.9.24

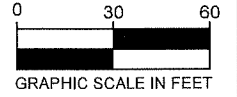


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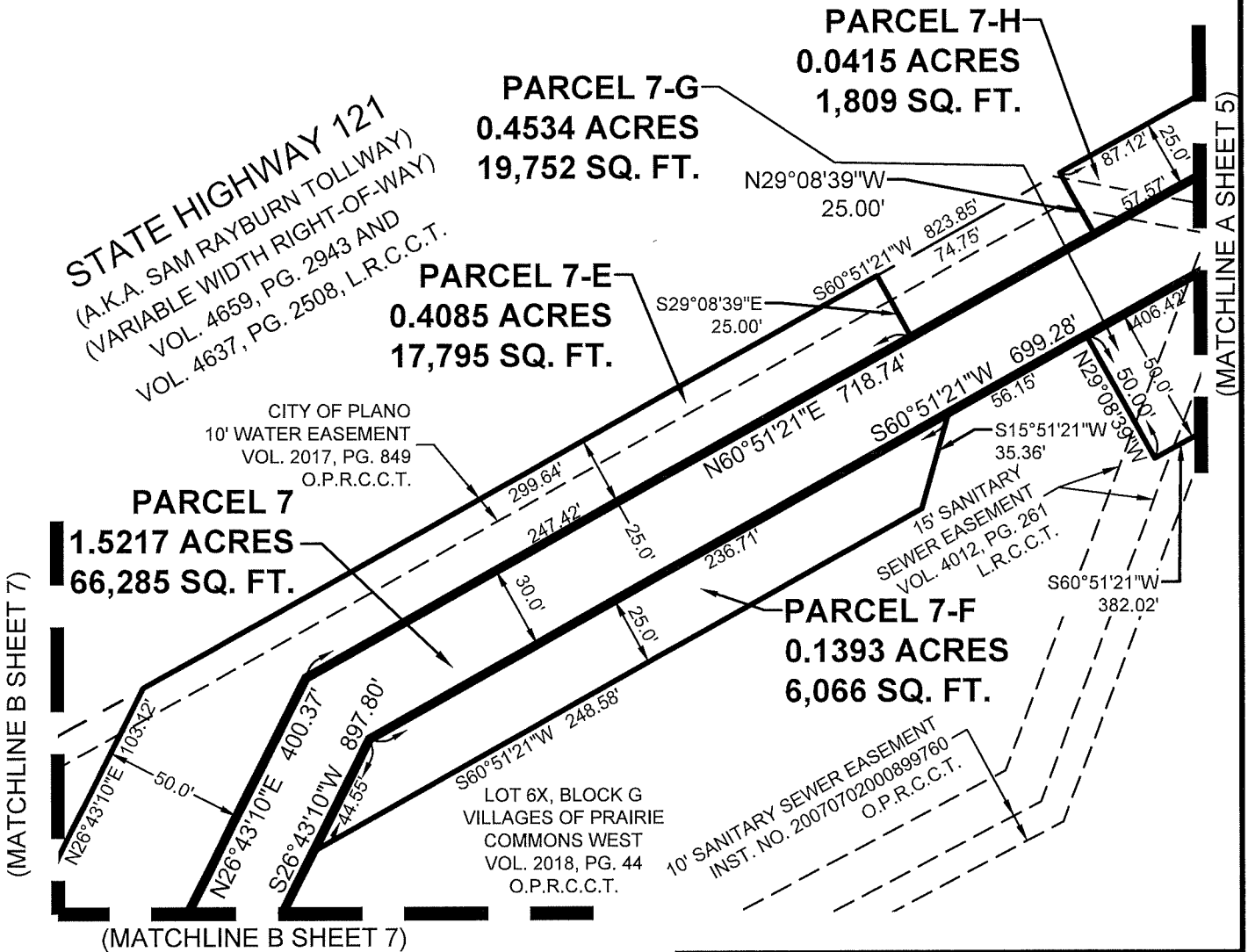
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Scale	Drawn by	Checked by	Date	Project No.	Sheet No.
1" = 60'	JDF/JZ	JAD	Jan. 2024	064305036	5 OF 11

EXHIBT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 7
 OWNER: CITY OF PLANO
 PERMANENT SANITARY SEWER EASEMENT
 AND TEMPORARY CONSTRUCTION EASEMENTS
 JOHN WHEELER SURVEY, ABSTRACT NO. 1029
 CITY OF PLANO, COLLIN COUNTY, TEXAS

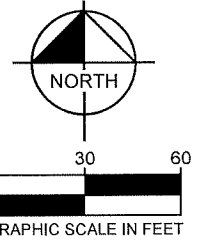


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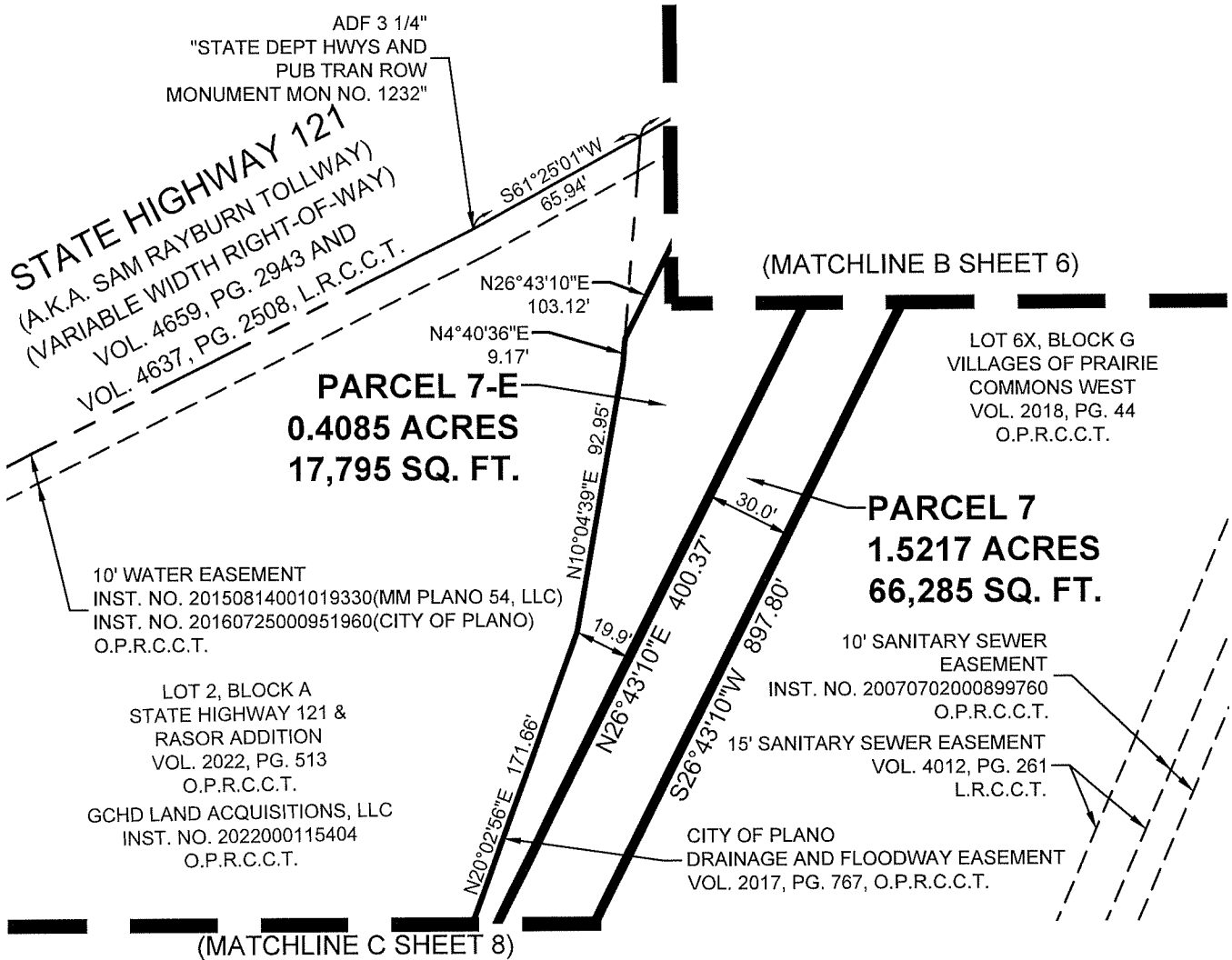
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EXHIBT "A"
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 JOHN WHEELER SURVEY, ABSTRACT NO. 1029
 CITY OF PLANO, COLLIN COUNTY, TEXAS



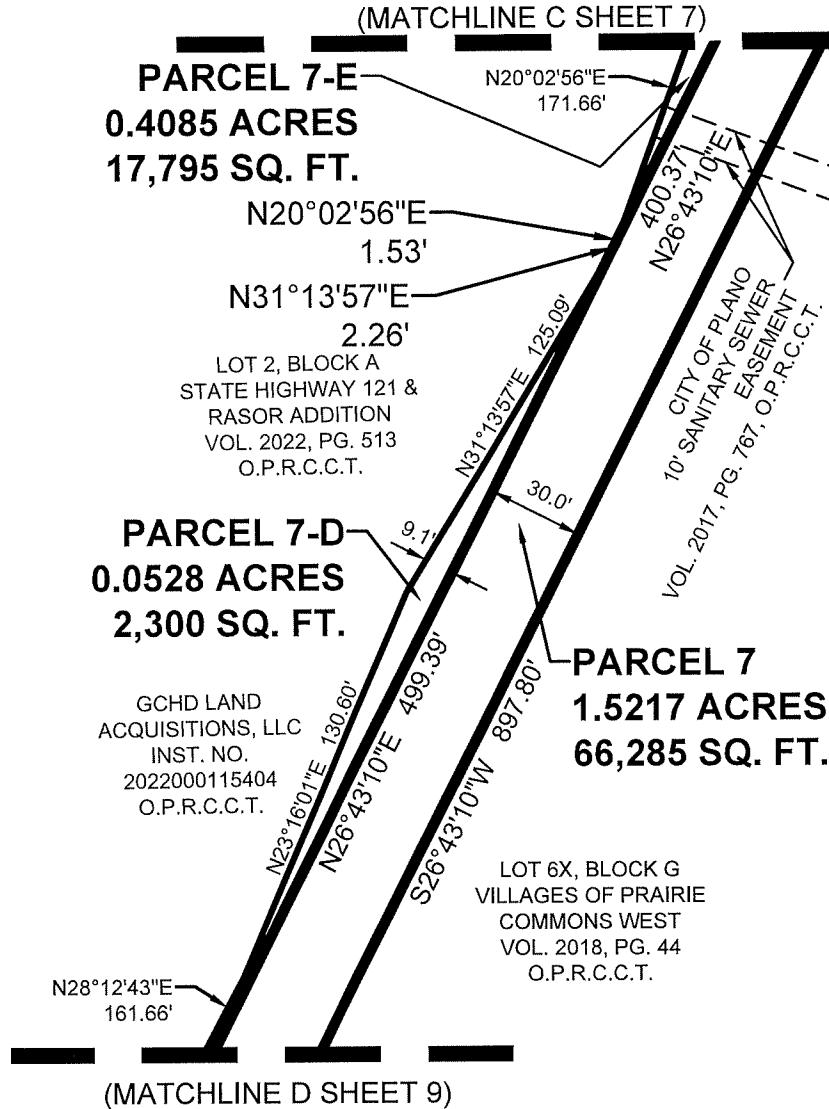
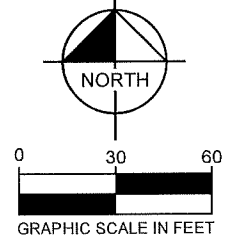
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Scale 1" = 60'	Drawn by JDF/JZ	Checked by JAD	Date Jan. 2024	Project No. 064305036	Sheet No. 7 OF 11
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 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18

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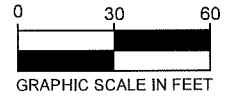


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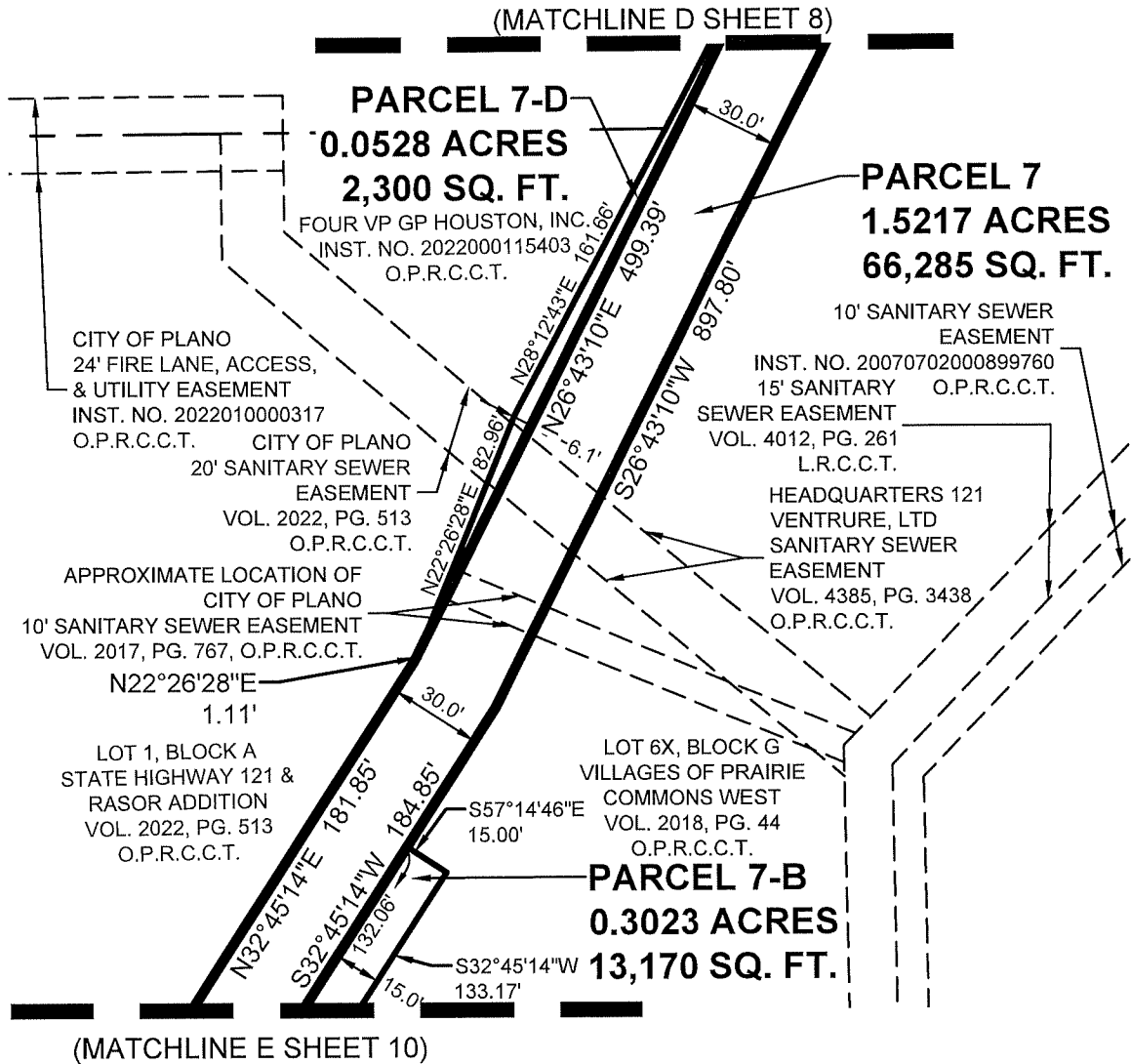
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Scale 1" = 60'	Drawn by JDF/JZ	Checked by JAD	Date Jan. 2024	Project No. 064305036	Sheet No. 8 OF 11
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 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 7
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 PERMANENT SANITARY SEWER EASEMENT
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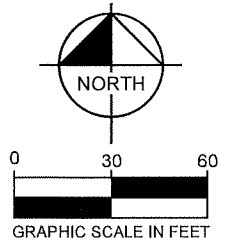


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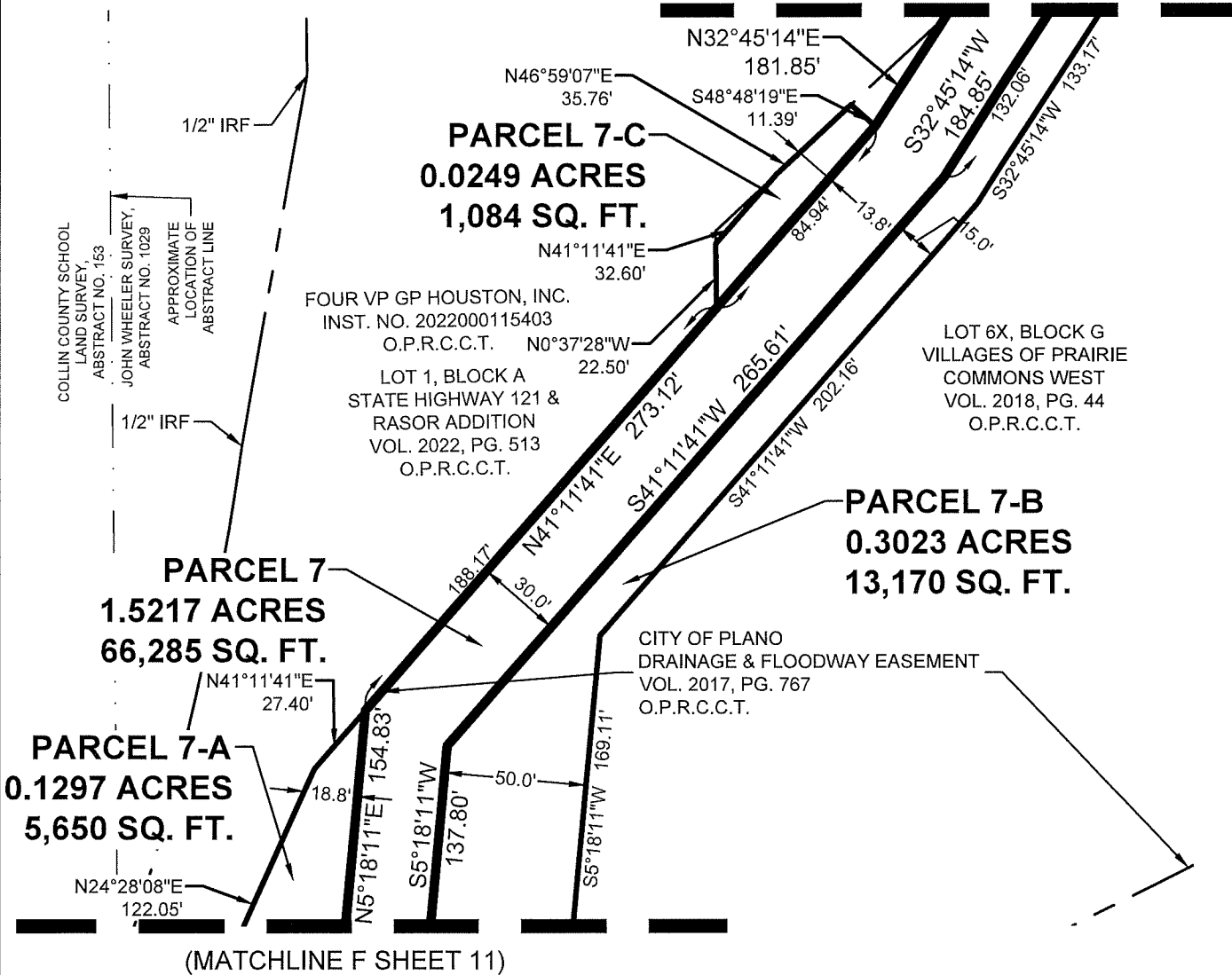
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1" = 60'	JDF/JZ	JAD	Jan. 2024	064305036	9 OF 11

EXHIBIT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



PARCEL NO. 7
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 JOHN WHEELER SURVEY, ABSTRACT NO. 1029
 CITY OF PLANO, COLLIN COUNTY, TEXAS

(MATCHLINE E SHEET 9)

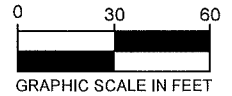
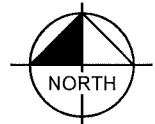


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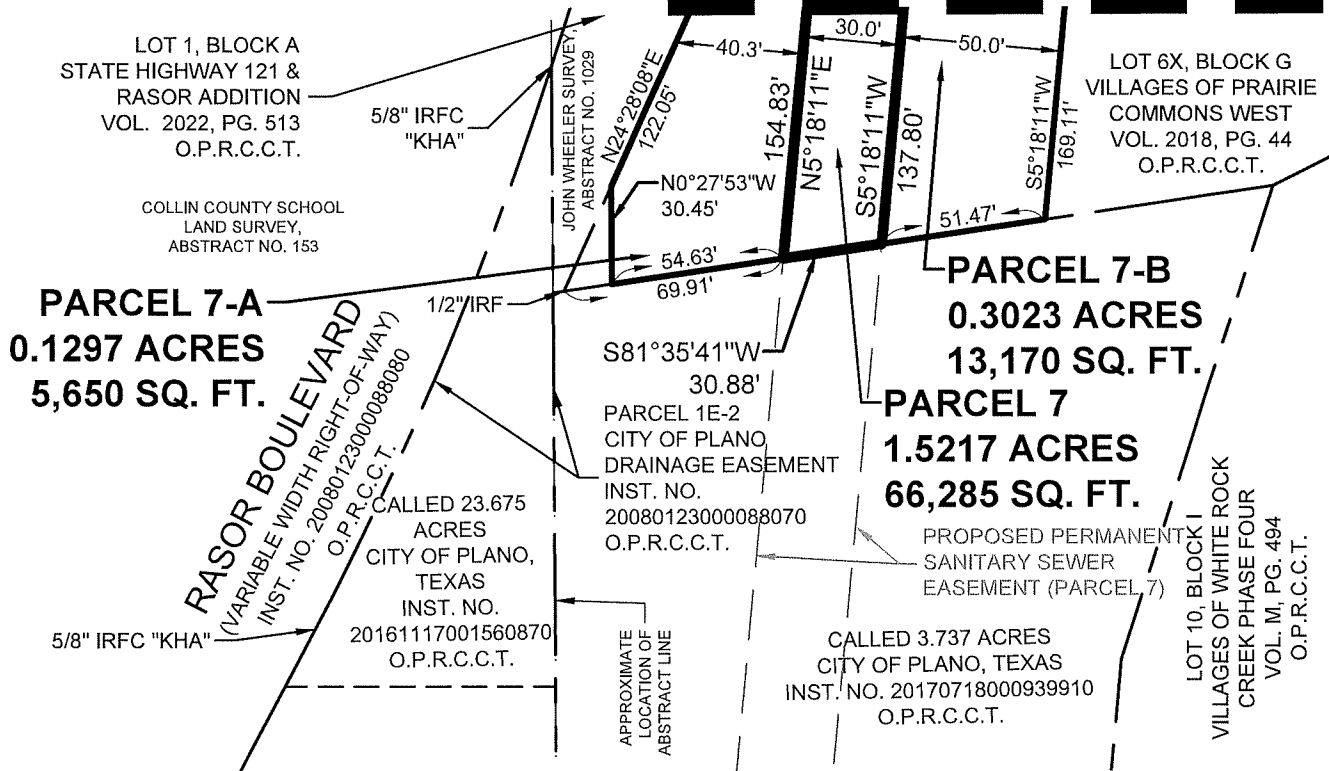
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1" = 60'	JDF/JZ	JAD	Jan. 2024	064305036	10 OF 11

EXHIBT "A"
 121 FORCE MAIN IMPROVEMENTS
 NTMWD PROJECT NO. 501-0491-18



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(MATCHLINE F SHEET 10)



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