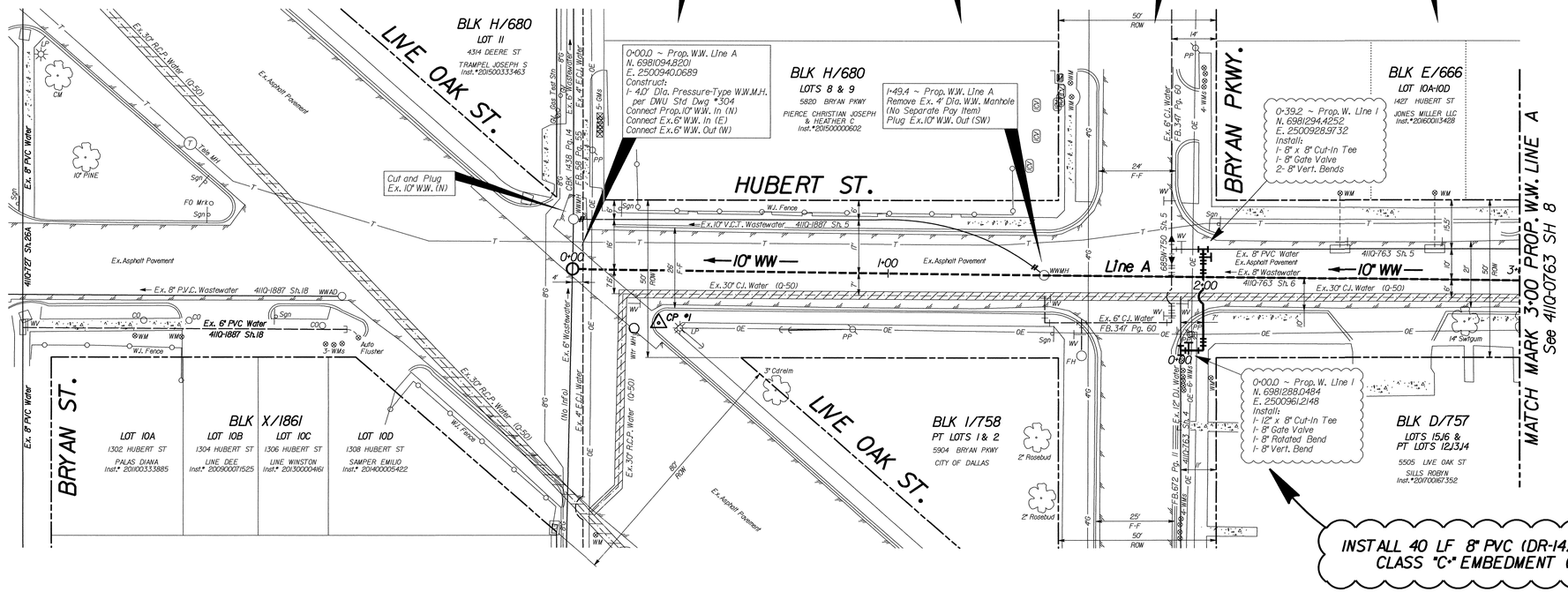
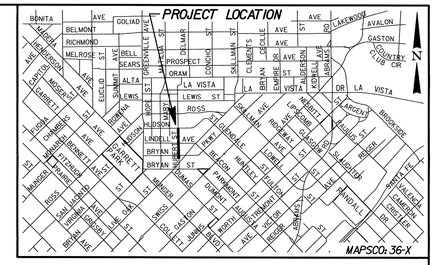
CONSTRUCT 10" WASTEWATER MAIN ALONG NEW HORIZONTAL ALIGNMENT

Abandon Ex. 10" W.W. Built 1946

CONSTRUCT 10" WASTEWATER MAIN ALONG SAME HORIZONTAL ALIGNMENT

Remove Ex. 8" & 10" W.W. Built 1946




NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

**CAUTION ~ OVERHEAD LINES !**
Overhead, Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

**CAUTION ~ GAS !**
Underground Gas Main In Area Contact ATMOS Energy Corp, Two Working Days Prior To Construction. Call: TEXAS 811 @ 811

**CAUTION ~ TELEPHONE !**
Underground Telephone Cables In Area Contact S.B.C. Two Working Days Prior To Construction. Call: TEXAS 811 @ 811

250 LF of 10" PVC Pressure Rated W.W. Pipe
AST.M D-2241 (SDR-26) D-3139/F-477
Class "G" Embedment

50 LF of 10" PVC Pressure Rated W.W. Pipe
AST.M D-2241 (SDR-26) D-3139/F-477
Class "B-1a" Embedment

| REVISIONS | | | |
|---|---|---|---|
| REV NO. | DATE | DESCRIPTION | BY |
| 1 | | | |
| 2 | | | |

**BENCHMARKS & CONTROL POINTS**

**BENCHMARK**
STD.WDBM SET ON CONC. CURB OF STORM SEWER DROP INLET AT THE SOUTHWEST CORNER OF INTERSECTION OF LIVE OAK ST & GLENDALE ST.
**ELEV = 520.05**

**CONTROL POINT #1**
"X" CUT SET IN CONCRETE PAVEMENT AT THE NORTHEAST CORNER OF HUBERT ST & LIVE OAK ST, 8' NORTH OF WATER MANHOLE.
**N. 6981122.5590, E. 2500956.4960, ELEV = 517.21**

**CONTROL POINT #2**
"X" CUT SET IN CONCRETE PVMT AT THE ENTRANCE OF ALLEY ON WEST SIDE OF HUBERT ST & ALLEY BWTN BRYAN PKWY & LINDELL AVE.
**N. 6981451.4260, E. 2500911.0950, ELEV = 520.96**

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

**REFERENCES**
WATER
33-28W
WASTEWATER
BH H-10, 33-28S

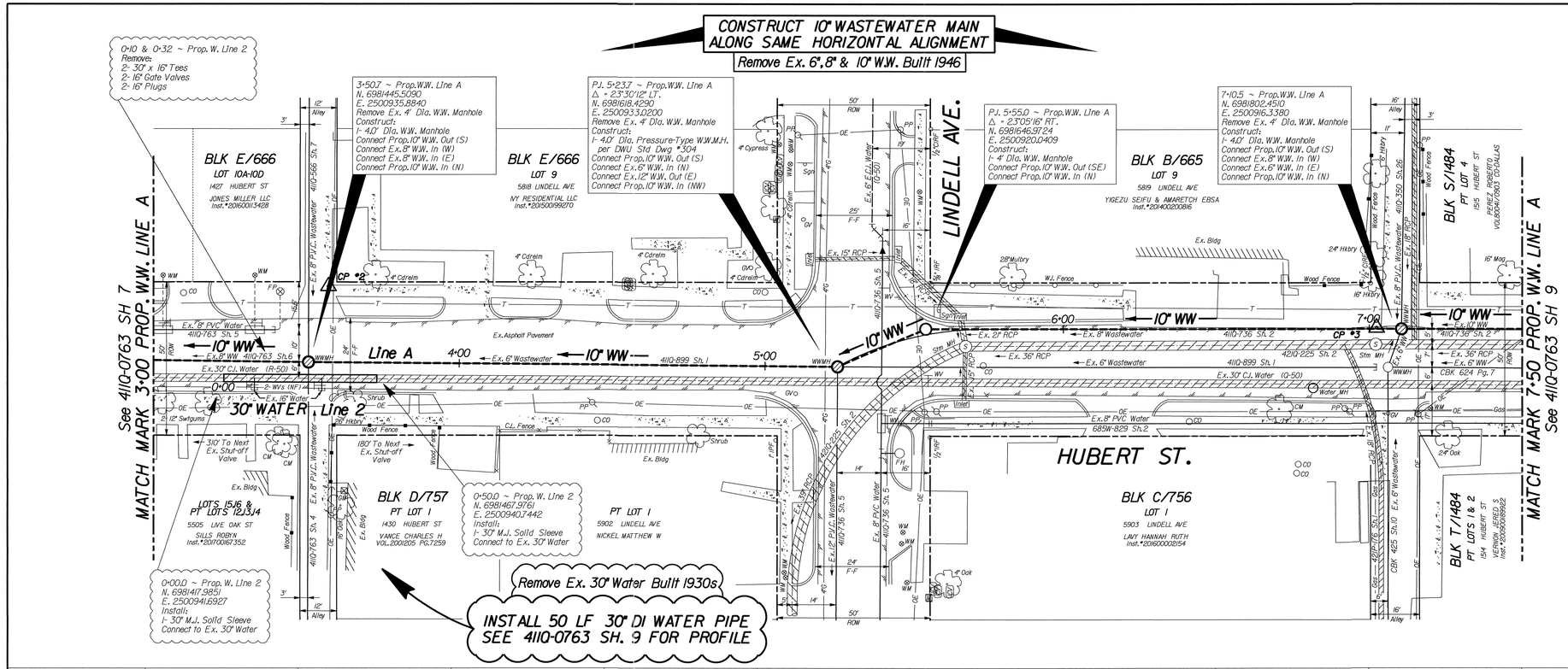
STATE OF TEXAS
ERIC K. KRONER
88551
LICENSED PROFESSIONAL ENGINEER
10/16/20

APM & Associates, Inc.
Engineering · Planning · CM Services
2201 Main Street, Suite 1100
Dallas, TX. 75201 (214) 748-4888
Firm REG. #3091

CONTRACT NO. 20-425/426 | PID 5955

# 8" WATER & 10" W.W. MAINS
## HUBERT STREET
## LIVE OAK ST. TO HUDSON ST.
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT 2020 | 4110 | 0763 | 7 |




NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

**CAUTION ~ OVERHEAD LINES !**
Overhead Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

**CAUTION ~ GAS !**
Underground Gas Main In Area Contact ATMOS Energy Corp, Two Working Days Prior To Construction. Call: TEXAS 811 @ 811

**CAUTION ~ TELEPHONE !**
Underground Telephone Cables In Area Contact S.B.C. Two Working Days Prior To Construction. Call: TEXAS 811 @ 811

REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
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BENCHMARKS & CONTROL POINTS

**BENCHMARK**
STD.WDBM SET ON CONC. CURB OF STORM SEWER DROP INLET AT THE SOUTHWEST CORNER OF INTERSECTION OF LIVE OAK ST & GLENDALE ST.
**ELEV = 520.05**

**CONTROL POINT #2**
"X" CUT SET IN CONCRETE PVMT AT THE ENTRANCE OF ALLEY ON WEST SIDE OF HUBERT ST & ALLEY BWTN BRYAN PKWY & LINDELL AVE.
**N. 6981451.4260; E. 2500911.0950; ELEV = 520.96**

**CONTROL POINT #3**
MAG NAIL SET IN ASPHALT PVMT AT THE ENTRANCE OF ALLEY ON WEST SIDE OF HUBERT ST & ALLEY BWTN LINDELL AVE & HUDSON ST.,+/- 5' WEST OF WWMH.
**N. 6981794.3210; E. 2500916.1700; ELEV = 525.17**

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
33-28N
WASTEWATER
BH H-10, 33-28S

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FIRM REG. #3091

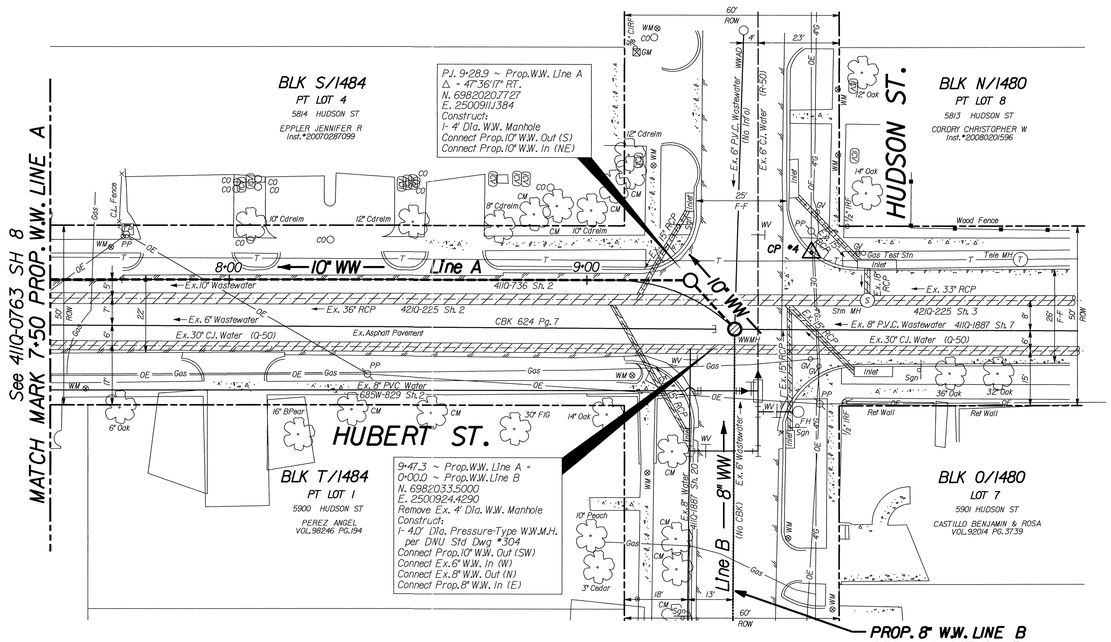
CONTRACT NO. 20-425/426 | PID 5955

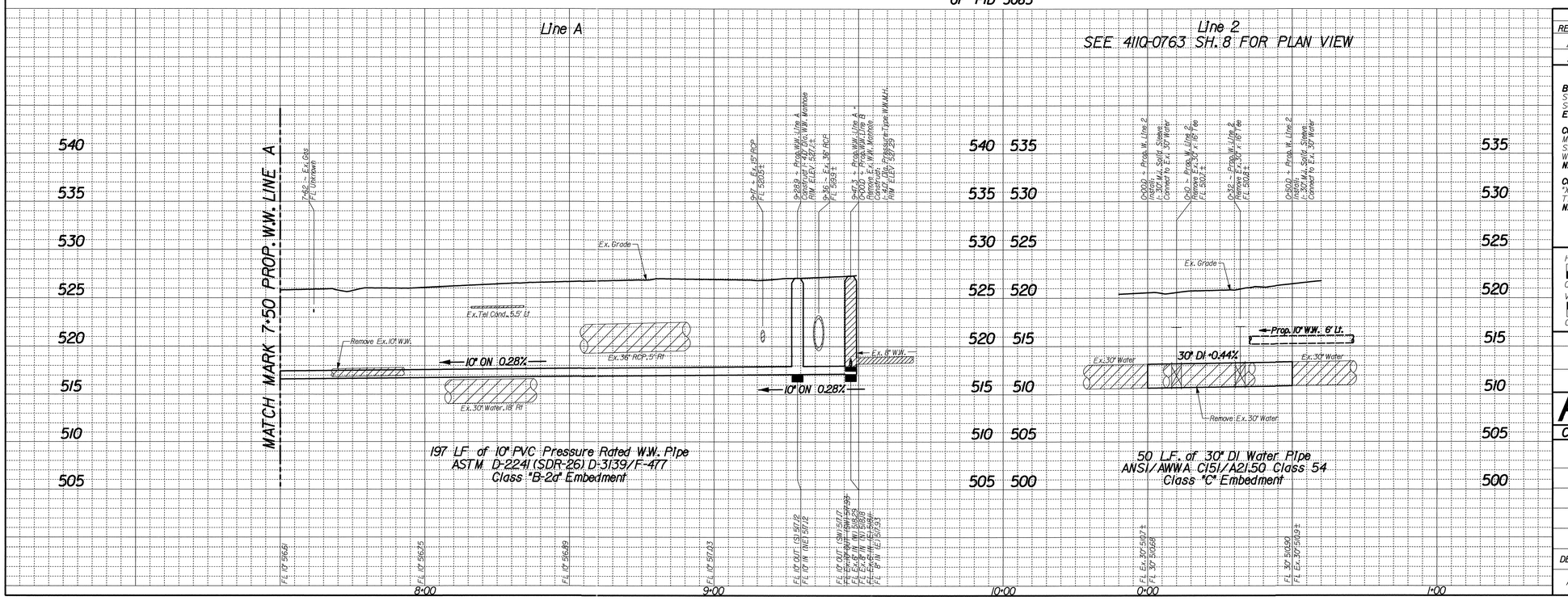
# 30" WATER & 10" W.W. MAINS
## HUBERT STREET
## LIVE OAK ST. TO HUDSON ST.
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT. 2020 | 4110 | 0763 | 8 |

CONSTRUCT 10" WASTEWATER MAIN ALONG SAME HORIZONTAL ALIGNMENT

Remove Ex. 10" W.W. Built 1946




NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

**CAUTION ~ OVERHEAD LINES !**
Overhead Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

**CAUTION ~ GAS !**
Underground Gas Main In Area Contact ATMOS Energy Corp. Two Working Days Prior To Construction. Call: TEXAS 811 @ 811

**CAUTION ~ TELEPHONE !**
Underground Telephone Cables In Area Contact S.B.C. Two Working Days Prior To Construction. Call: TEXAS 811 @ 811

| REVISIONS | | | |
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| REV NO. | DATE | DESCRIPTION | BY |
| 1 | | | |
| 2 | | | |

**BENCHMARKS & CONTROL POINTS**

**BENCHMARK**
STD.WDBM SET ON CONC. CURB OF STORM SEWER DROP INLET AT THE SOUTHWEST CORNER OF INTERSECTION OF LIVE OAK ST & GLENDALE ST.
**ELEV = 520.05**

**CONTROL POINT #3**
MAG NAIL SET IN ASPHALT PVMT AT THE ENTRANCE OF ALLEY ON WEST SIDE OF HUBERT ST & ALLEY BWTN LINDELL AVE & HUDSON ST. +/- 5' WEST OF WWMH.
**N. 6981794.3210; E. 2500916.1700; ELEV = 525.17**

**CONTROL POINT #4**
"X" CUT SET ON TOP OF CONCRETE CURB AT CENTER OF RADIUS AT THE NORTHWEST CORNER OF HUBERT ST & HUDSON ST.
**N. 6982054.4080; E. 2500902.6240; ELEV = 527.91**

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
33-28W
WASTEWATER
BH H-10, 33-28S

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FIRM REG. #3091

CONTRACT NO. 20-425/426 | PID 5955

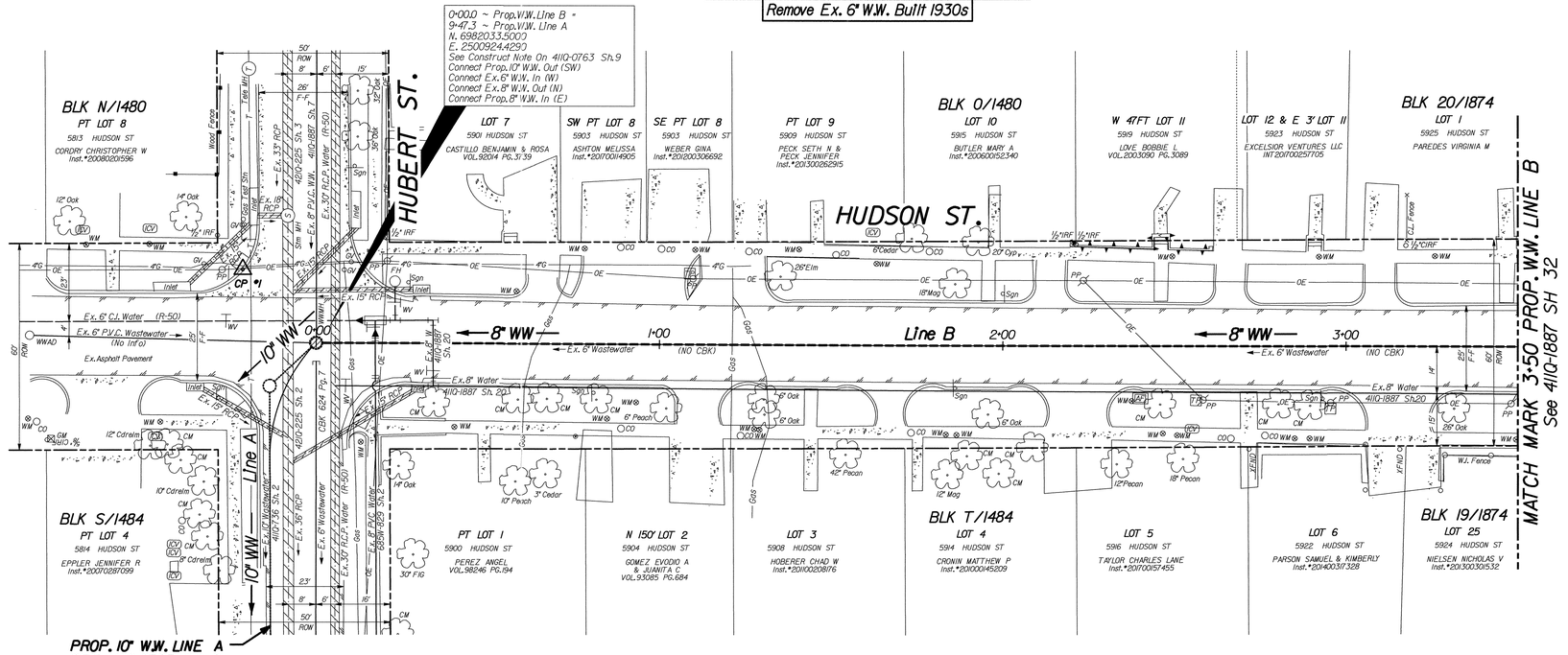
# 30" WATER & 10" W.W. MAINS
## HUBERT STREET
## LIVE OAK ST. TO HUDSON ST.
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

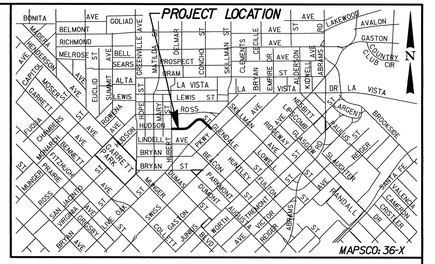
| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT 2020 | 4110 | 0763 | 9 |

# CONSTRUCT 8" WASTEWATER MAIN ALONG SAME HORIZONTAL ALIGNMENT

Remove Ex. 6" W.W. Built 1930s

0+00.0 ~ Prop.W.W.Line B =
9+47.3 ~ Prop.W.W. Line A
N. 6982033.5000
E. 2500924.4292
See Construct Note On 4110-0763 Sh.9
Connect Prop.10" W.W. Out (SW)
Connect Ex.6" W.W. In (W)
Connect Ex.8" W.W. Out (N)
Connect Prop.8" W.W. In (E)




NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

**CAUTION ~ OVERHEAD LINES !**
Overhead Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

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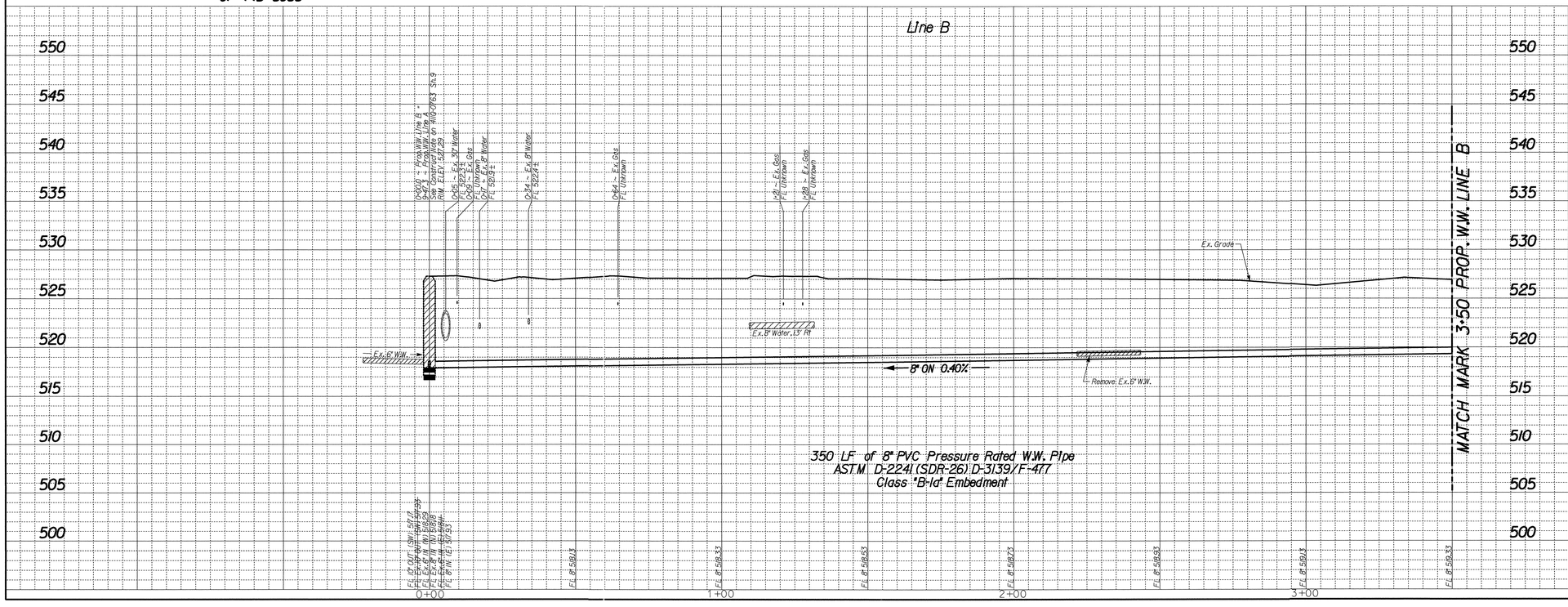
**CAUTION ~ TELEPHONE !**
Underground Telephone Cables In Area Contact S.B.C. Two Working Days Prior To Construction. Call: TEXAS 811 ø 811




| REVISIONS | | | |
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## BENCHMARKS & CONTROL POINTS

**BENCHMARK**
STD.WDBM SET ON CONC. CURB OF STORM SEWER DROP INLET AT THE SOUTHWEST CORNER OF INTERSECTION OF LIVE OAK ST & GLENDALE ST.
**ELEV = 520.05**

**CONTROL POINT #1**
"X" CUT SET ON TOP OF CONCRETE CURB AT CENTER OF RADIUS AT THE NORTHWEST CORNER OF HUBERT ST & HUDSON ST.
**N. 6982054.4080, E. 2500902.6240, ELEV = 527.91**

**CONTROL POINT #2**
"X" CUT SET ON TOP OF CONCRETE CURB AT THE ENTRANCE TO ADDRESS #5930 HUDSON ST. +/- 21' EAST OF A FIRE HYDRANT.
**N. 6982021.8480, E. 2501311.5680, ELEV = 527.16**

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
33-28W, 33-29W
WASTEWATER
BH H-10, 32&33-28S, 32&33-29S

STATE OF TEXAS
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10/16/20


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Dallas, TX. 75201 (214) 748-4888
Firm REG. #3091


CONTRACT NO. 20-425/426 | PID 3085

# 8" WASTEWATER MAIN

## HUDSON STREET/GLENDALE STREET

## HUBERT ST. TO ALLEY S. LIVE OAK ST.

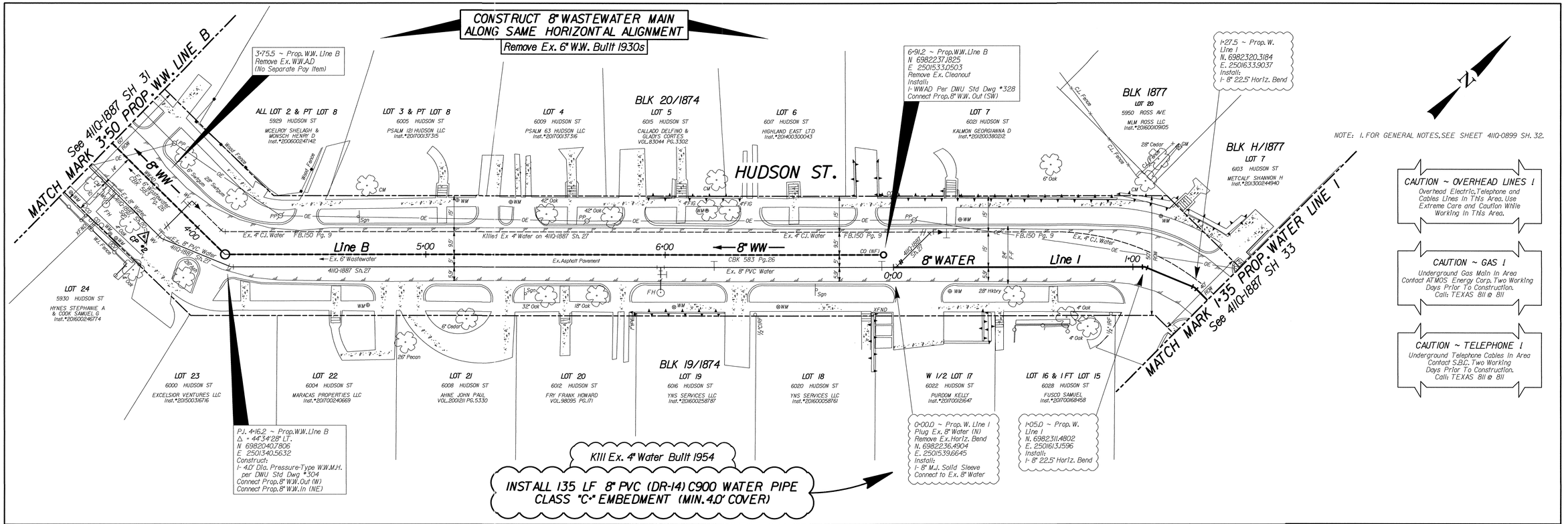
## DALLAS WATER UTILITIES

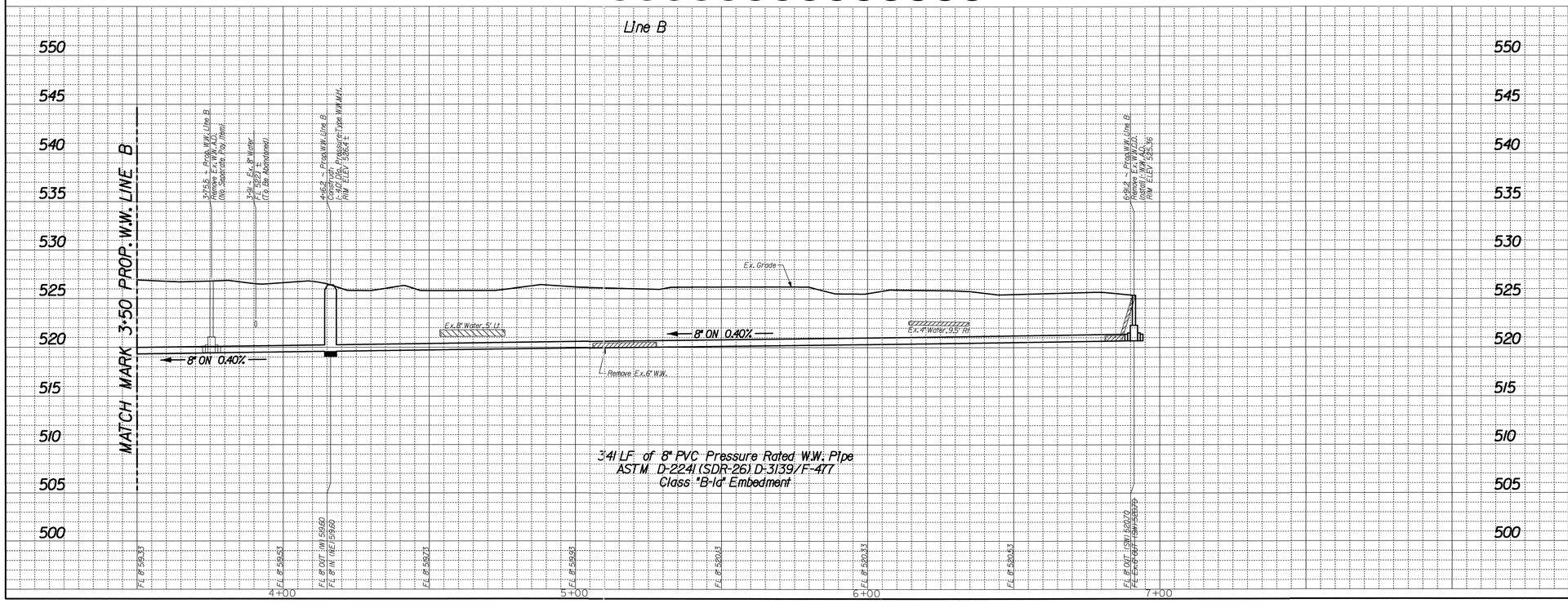
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT 2020 | 4110 | 1887 | 31 |

CONSTRUCT 8" WASTEWATER MAIN ALONG SAME HORIZONTAL ALIGNMENT

Remove Ex. 6" W.W. Built 1930s




| REVISIONS | | | |
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| REV NO. | DATE | DESCRIPTION | BY |
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## BENCHMARKS & CONTROL POINTS

**BENCHMARK**
STD.WDBM SET ON CONC. CURB OF STORM SEWER DROP INLET AT THE SOUTHWEST CORNER OF INTERSECTION OF LIVE OAK ST & GLENDALE ST.
**ELEV = 520.05**

**CONTROL POINT #2**
"X" CUT SET ON TOP OF CONCRETE CURB AT THE ENTRANCE TO ADDRESS #5930 HUDSON ST. +/- 21' EAST OF A FIRE HYDRANT.
**N. 6982021.8480; E. 2501311.5680; ELEV = 527.16**

**CONTROL POINT #3**
"X" CUT SET IN CONCRETE SIDEWALK IN FRONT OF ADDRESS #6107 HUDSON ST. +/- 18' EAST OF A POWER POLE.
**N. 6982342.3040; E. 2501657.4960; ELEV = 525.34**

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
33-29W, 33-29W
WASTEWATER
BH H-10, 32&33-28S, 32&33-29S

STATE OF TEXAS
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FIRM REG. #3091

CONTRACT NO. 20-425/426 | PID 3085

# 8" WATER & 8" W.W. MAINS

HUDSON STREET/GLENDALE STREET
HUBERT ST. TO ALLEY S. LIVE OAK ST.
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT. 2020 | 4110 | 1887 | 32 |

CONSTRUCT 8" WASTEWATER MAIN ALONG NEW HORIZONTAL ALIGNMENT SEE 4110-1887 SH. 34 FOR PROFILE

Abandon Ex. 6" W.W. Built 1930s

CONSTRUCT 8" & 12" WASTEWATER MAINS ALONG SAME HORIZONTAL ALIGNMENT

Remove Ex. 6" & 12" W.W. Built 1930s

PROP. 8" WATER LINE 4 SEE 4110-0381 SH. 43 OF PID 5924

PROP. 10" W.W. LINE G SEE 4110-0381 SH. 43 OF PID 5924

4+42.9 ~ Prop. W.W. Line C = 0+00.0 ~ Prop. W.W. Line C-1
N. 6982331.3235
E. 2501733.7085
Construct:
1- 4.0' Dia. W.W. Manhole
Connect Prop. 8" W.W. In (NW)
Connect Prop. 8" W.W. In (W)
Connect Prop. 8" W.W. Out (SE)

4+55.6 ~ Prop. W.W. Line C
N. 6982340.0940
E. 2501724.5430
Remove Ex. 4' Dia. W.W. Manhole
Construct:
1- 4.0' Dia. W.W. Manhole
Plug Ex. 6" W.W. In (W)
Connect Ex. 6" W.W. In (N)
Connect Prop. 8" W.W. Out (SE)

0+90.0 ~ Prop. W.W. Line C-1
N. 6982330.4176
E. 2501643.7131
Abandon Ex. Cleanout
Install:
1- WWAD Per DWU Std Dwg #328
Connect Prop. 8" W.W. Out (E)

3+18.6 ~ Prop. W. Line 1 = 8+19.0 ~ Prop. W. Line 2
N. 6982270.9902
E. 2501801.7860
Install:
2- 8" 45° Horiz. Bends

2+47.7 ~ Prop. W. Line 1
N. 6982321.5280
E. 2501754.0709
Install:
1- 8" 45° Horiz. Bend

P.I. 1+74.7 ~ Prop. W.W. Line C = Δ = 00°37'22" LT.
0+00.0 ~ Prop. W.W. Line G
N 6982145.86
E 2501927.53
Remove Ex. 4' Dia. W.W. Manhole
Construct:
1- 4.0' Dia. W.W. Manhole
Connect Prop. 8" W.W. In (NW)
Connect Prop. 10" W.W. In (NE)
Connect Prop. 12" W.W. Out (SE)

K111 Ex. 4" Water Built 1954

INSTALL 184 LF 8" PVC (DR-14) C900 WATER PIPE CLASS "C" EMBEDMENT (MIN. 4.0' COVER)

PROP. 8" WATER LINE 2 SEE 4110-0736 SH. 9 OF PID 3086

PROP. 8" W.W. LINE D SEE 4110-0736 SH. 9 OF PID 3086

MATCH MARK 1+35 PROP. WATER LINE 1 See 4110-1887 SH 32

MATCH MARK 1+00 PROP. W.W. LINE C See 4110-1887 SH 34

BLK 1877 TR 26
6115 HUDSON ST
CORDOVA SOPHIA VOL. 93076 PG. 3912

LOT 1
5970 ROSS AVE
KIM SANG H. Inst.#201500321743

NW PT LOT 2 & LOT 3
6119 HUDSON ST
CORDOVA EMMA & CORDOVA ESPERANZA Inst.#201100015911

BLK 22/1874
SE PT LOT 3
5703 LIVE OAK ST
LOZANO IVETTE E & RAUL A LOZANO VOL.97045 PG.284

BLK H/1877 LOT 9
6111 HUDSON ST
JONES CLIFF L JR ET AL VOL.81188 PG.2251

LOT 8
6107 HUDSON ST
CAMILES HOMER & ELISA VOL.20060025 PG.5965

BLK 19/1874
LOT 15 LESS 1 FT
6100 HUDSON ST
YNS SERVICES LLCS Inst.#20140015466

LOT 12.15 FT LOT 11 & SW 5.9 FT LOT 13
5653 LIVE OAK ST
LOZANO IVETTE C Inst.#20140001178

BLK 23/1876 LOT 12
5700 LIVE OAK ST
RIOS VICTOR P. & RIOS ANTHONY J. Inst.#20160033591

BLK 23/1876 LOTS 14-20
5656 LIVE OAK ST
5656 LIVE OAK LLC Inst.#20140229307

HUDSON ST.

LIVE OAK ST.

GLENDALE ST.

8" WATER Line 2

8" WATER Line 4 (R-50)

8" WATER Line C

8" WATER Line C-1

8" WATER

10" WW Line G

8" WW Line D

8" WW

12" WW

Ex. 6" Wastewater (No Info)

Ex. 4" C.I. Water

Ex. 4" C.I. Wtr.

Ex. 6" Wastewater (No Info)

Ex. 24" RCP

Ex. 30" RCP

Ex. 17" Wastewater 4110-381 Sh. 10

Ex. 15" RCP

Ex. 12" Wastewater

Ex. Asphalt Pvmt.

Ex. Asphalt Pavement

Ex. Bldg

Ex. 4" Gas Main

Gas Test Stn

Stm MH 4210-252 Sh. 1

WWMH LBK 3 PG. 335

FB. 150 Pg. 9

FB. 150 Pg. 9

FB. 150 Pg. 9

CP #3 ELEV = 525.34

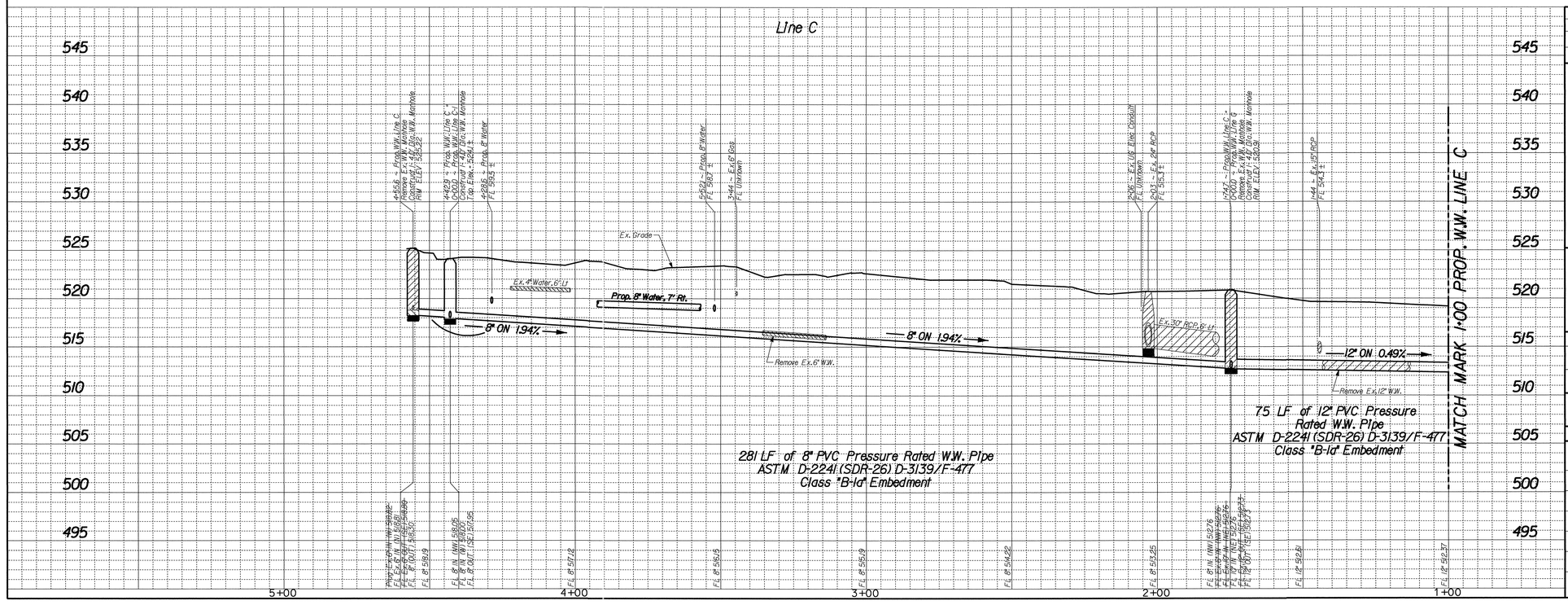
CP #4 ELEV = 519.92

NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

CAUTION ~ OVERHEAD LINES !
Overhead, Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

CAUTION ~ GAS !
Underground Gas Main In Area Contact ATMOS Energy Corp, Two Working Days Prior To Construction. Call: TEXAS 811 or 811

CAUTION ~ ELECTRIC !
Underground Electrical Cables In Area Contact TXU Two Working Days Prior To Construction. Call: TEXAS 811 or 811




| REVISIONS | | | |
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| REV NO. | DATE | DESCRIPTION | BY |
| 1 | | | |
| 2 | | | |

## BENCHMARKS & CONTROL POINTS

**BENCHMARK**
STD.WDBM SET ON CONC. CURB OF STORM SEWER DROP INLET AT THE SOUTHWEST CORNER OF INTERSECTION OF LIVE OAK ST & GLENDALE ST.
**ELEV = 520.05**

**CONTROL POINT #3**
"X" CUT SET IN CONCRETE SIDEWALK IN FRONT OF ADDRESS #6107 HUDSON ST. +/- 18' EAST OF A POWER POLE.
**N. 6982342.30400; E. 2501657.49600; ELEV = 525.34**

**CONTROL POINT #4**
"X" CUT SET IN CONCRETE SIDEWALK ON SOUTHWEST CORNER OF LIVE OAK ST & GLENDALE ST. +/- 18' NORTHEAST OF A CURB INLET.
**N. 6982103.51900; E. 2501936.20500; ELEV = 519.92**

Horizontal Scale: 1" = 20'
0' 20' 40'

Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
33-28W, 33-29W
WASTEWATER
BH H-10, 32&33-28S, 32&33-29S

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10/16/20

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CONTRACT NO. 20-425/426 | PID 3085

# 8" WATER & 8" & 12" W.W. MAINS

## HUDSON STREET/GLENDALE STREET

## HUBERT ST. TO ALLEY S. LIVE OAK ST.

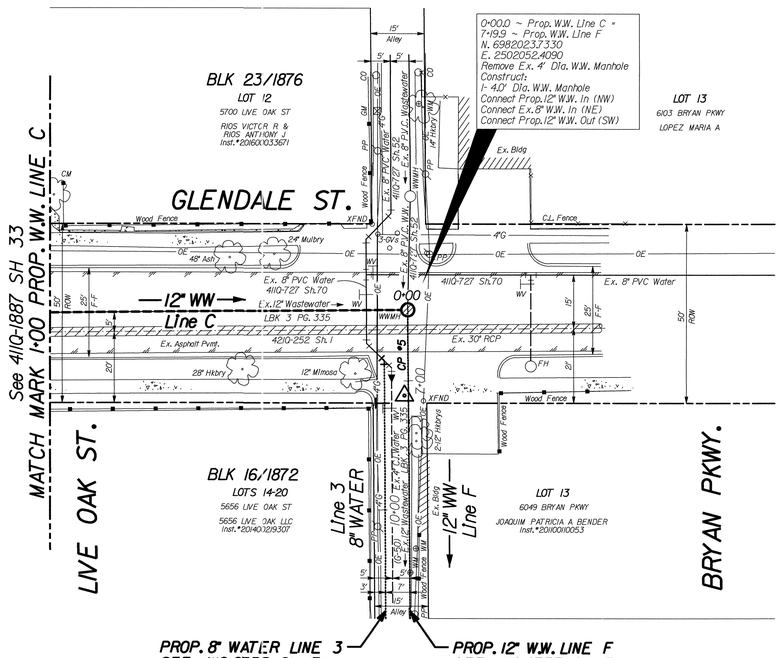
## DALLAS WATER UTILITIES

## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT 2020 | 4110 | 1887 | 33 |

CONSTRUCT 12" WASTEWATER MAIN ALONG SAME HORIZONTAL ALIGNMENT

Remove Ex. 12" W.W. Built 1930s


0+00.0 ~ Prop. W.W. Line C =
7+19.9 ~ Prop. W.W. Line F
N. 6982023.7330
E. 2502052.4090
Remove Ex. 4' Dia. W.W. Manhole
Construct:
1- 4.0' Dia. W.W. Manhole
Connect Prop. 12" W.W. In (NW)
Connect Ex. 8" W.W. In (NE)
Connect Prop. 12" W.W. Out (SW)
BLK 23/1876
LOT 12
5700 LIVE OAK ST
RIOS VICTOR R & RIOS ANTHONY J
Inst.*20160103367I
LOT 13
6103 BRYAN PKWY
LOPEZ MARIA A
GLENDALE ST.
15' Alley
Ex. Bldg
Wood Fence
C.L. Fence
24" Mulbry
48" Ash
Ex. 8" PVC Water 4110-727 Sh.TO
12" WW
Line C
Ex. 12" Wastewater
LBK 3 PG. 335
4010-252 Sh.1
Ex. Asphalt Pvmt.
28" Hkbry
12" Mimosa
Ex. 30" RCP
FH
0+00
1+00
50' ROW
28' F-F
Ex. 8" PVC Water 4110-727 Sh.TO
4110-727 Sh.TO
Ex. 8" PVC Wastewater 4110-727 Sh.TO
Ex. 8" PVC Wastewater 4110-727 Sh.TO
Ex. 8" PVC Wastewater 4110-727 Sh.TO
Ex. 12" W.W. 4110-727 Sh.TO
Ex. 12" W.W. 4110-727 Sh.TO
Ex. 12" W.W.

CONSTRUCT 8" WASTEWATER MAIN ALONG SAME HORIZONTAL ALIGNMENT SEE 4110-0736 SH. 9 FOR PROFILE

Remove Ex. 6" W.W. Built 1975

INSTALL 294 LF 8" PVC (DR-14) C900 WATER PIPE CLASS "C" EMBEDMENT (MIN. 4.0' COVER)

K111 Ex. 4" Water Built 1952

CONSTRUCT 8" WASTEWATER MAIN ALONG SAME HORIZONTAL ALIGNMENT

Remove Ex. 6" W.W. Built 1950s

Remove and Replace Ex. 6" Conc. Alley Pavement as per City of Dallas Std. Construction Details 251D-1 Pg. 4001

Inside Ex. 6" W.W. Built 1950s

CONSTRUCT 8" WASTEWATER MAIN BY DESTRUCTIVE METHODS (PIPE BURSTING)

MATCH MARK 2+94 PROP. WATER LINE 2
MATCH MARK 3+00 PROP. W.W. LINE D
See 4110-0736 SH 8

BLK D/757
LOTS 6 & 7 L
5922 LINDELL AVE
SANCHEZ CHRISTIAN
Inst.*201300161743

LOT 7
5927 LINDELL AVE
5927 LINDELL LLC
%MR & MRS DOUGLAS DOTTER
Inst.*201000110133

BLK C/756
LOT 8
5931 LINDELL AVE
HORRI MEHRDAD & RANA
Inst.*201600264599

BLK 19/1874
LOT 24
5930 HUDSON ST
HYNES STEPHANIE A & COOK SAMUEL G
Inst.*201600245774

LOT 23
6000 HUDSON ST
EXCELSIOR VENTURES LLC
Inst.*201500316716

LOT 2
5611 LIVE OAK ST
BEACONS END LLC
Inst.*201600010585

BLK 19/1874
SW PT LOT 1
5603 LIVE OAK ST
LOPEZ MARIA ANTONIETA

PT LOT 1
5609 LIVE OAK ST
BEACONS END LLC
Inst.*201600010586

LINDELL ST.
LIVE OAK ST.
BEACON ST.
8" WATER
8" WW — Line D
Line D-1
Line 2

0+00 ~ Prop. W. Line 2
Plug Ex. 4" Water (N)
Remove Ex. Tee, Gate Valve & Plug
N 6981639.64
E 2501383.20
Install:
1- 8" x 8" Tee
1- 8" Gate Valve
8 LF 8" PVC C900 (DR-14) Water Pipe w/ Class C Emb
1- 8" M.J. Solid Sleeve
Connect to Ex. 8" Water (W)

0+00.0 ~ Prop. W.W. Line D
N 6981626.77
E 2501388.42
Remove Ex. 4' Dia. Drop Conn. M.H.
Construct:
1- 4' Dia. Drop Conn. W.W. Manhole
Connect Ex. 12" W.W. In (W)
Connect Prop. 8" W.W. In (N)
Connect Ex. 12" W.W. Out (E)

1+84.5 ~ Prop. W. Line 2
N 6981816.32
E 2501361.76
Install:
1- 8" 45° Horiz. Bend

1+58.7 ~ Prop. W. Line 2
N 6981798.27
E 2501380.45
Install:
1- 8" 45° Horiz. Bend

146 LF 16" B.D.T.D.C.
146 LF 16" Dia. 1/4" Thk. Steel Encasement

1+90.2 ~ Prop. W. Line 2
N 6981821.92
E 2501361.67
Install:
1- 8" 45° Horiz. Bend

1+06.0 ~ Prop. W.W. Line D-1
N 6981808.17
E 2501279.24
Remove Ex. Cleanout
Install:
1- WWAD Per DWU Std Dwg *328
Connect Prop. 8" W.W. Out (E)

P.I. 2+04.3 ~ Prop. W.W. Line D
Δ = 90°27'57" RT.
N 6981824.81
E 2501370.62
Construct:
1- 4.0' Dia. Pressure Type W.W.M.H. per DWU Std Dwg *304
Connect Prop. 8" W.W. Out (SE)
Plug Ex. 6" W.W. In (SW)
Connect Prop. 8" W.W. In (NE)

2+24.6 ~ Prop. W.W. Line D
Remove Ex. 4' Dia. W.W. Manhole (No Separate Pay Item)
Plug Ex. 6" W.W. Out (S)

P.I. 1+84.0 ~ Prop. W.W. Line D
Δ = 45°01' LT.
0+00.0 ~ Prop. W.W. Line D-1
N 6981810.69
E 2501385.23
Construct:
1- 4.0' Dia. W.W. Manhole
Connect Prop. 8" W.W. Out (S)
Connect Prop. 8" W.W. In (W)
Connect Prop. 8" W.W. In (NW)
Plug Ex. 6" W.W. In (N)

Ex. 8" C.I. Water
Ex. 6" Wastewater
Ex. 8" PVC Water
Ex. 12" PVC Wastewater
Ex. 15" RCP
Ex. 39" RCP
Ex. Asphalt Pvmt.
Ex. Concrete Pvmt.
Ex. Bldg
Wood Fence
Chain Link Fence
Wooden Gate
(No Info)
FB.124 Pg. 25
4110-0736 Sh. 6
4110-0736 Sh. 9
4210-225 Sh. 1
50' ROW
25' F-F
15' ROW
13' F-F
70' ROW
56' F-F
26' Cdrelm
18" Hickory
12" Pecan
18" Pecan
28" Pecan
20" Pecan
18" Tree
12" Tree
Sign
Inlet
Manhole
Cleanout
Power Pole
Guy Anchor
Fire Hydrant
Water Valve
Water Meter
Gas Valve
Gas Meter
Gas Line Marker
Light Pole
Traffic Signal
Traffic Signal Pull Box
Traffic Signal Controller
Traffic Signal Conduit
Traffic Signal Loop
Traffic Signal Pedestrian Push Button
Traffic Signal Pedestrian Signal
Traffic Signal Vehicle Signal
Traffic Signal Video Detection Camera
Traffic Signal Video Detection Camera Arm
Traffic Signal Video Detection Camera Cable
Traffic Signal Video Detection Camera Controller
Traffic Signal Video Detection Camera Power Supply
Traffic Signal Video Detection Camera Processor
Traffic Signal Video Detection Camera Video Monitor
Traffic Signal Video Detection Camera Video Recorder
Traffic Signal Video Detection Camera Video Switcher
Traffic Signal Video Detection Camera Video Transmitter
Traffic Signal Video Detection Camera Video Receiver
Traffic Signal Video Detection Camera Video Encoder
Traffic Signal Video Detection Camera Video Decoder
Traffic Signal Video Detection Camera Video Multiplexer
Traffic Signal Video Detection Camera Video Demultiplexer
Traffic Signal Video Detection Camera Video Converter
Traffic Signal Video Detection Camera Video Amplifier
Traffic Signal Video Detection Camera Video Splitter
Traffic Signal Video Detection Camera Video Combiner
Traffic Signal Video Detection Camera Video Router
Traffic Signal Video Detection Camera Video Switcher
Traffic Signal Video Detection Camera Video Transmitter
Traffic Signal Video Detection Camera Video Receiver
Traffic Signal Video Detection Camera Video Encoder
Traffic Signal Video Detection Camera Video Decoder
Traffic Signal Video Detection Camera Video Multiplexer
Traffic Signal Video Detection Camera Video Demultiplexer
Traffic Signal Video Detection Camera Video Converter
Traffic Signal Video Detection Camera Video Amplifier
Traffic Signal Video Detection Camera Video Splitter
Traffic Signal Video Detection Camera Video Combiner
Traffic Signal Video Detection Camera Video Router

PROJECT LOCATION
MAPSCO: 36-X

NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

CAUTION ~ OVERHEAD LINES !
Overhead Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

CAUTION ~ GAS !
Underground Gas Main In Area
Contact ATMOS Energy Corp. Two Working Days Prior To Construction.
Call: TEXAS 811 or 811

Line D

Ex. Grade
Prop. 8" Water, 5' Lt.
Ex. 4" Water, 11' Lt.
Ex. 8" Gas, 8' Lt.
Ex. 4" Water, 15' Lt.
Pipe Burst Ex. 6" W.W.
Remove Ex. 6" W.W.
8" on 0.58%
8" on 0.50%
8" on 0.34%

MATCH MARK 3+00 PROP. W.W. LINE D

184 LF of 8" Wastewater Pipe By Destructive Methods of Construction (Pipe Bursting) (See Technical Specifications)

116 LF of 8" PVC Pressure Rated W.W. Pipe ASTM D-2241 (SDR-26) D-3139/F-477 Class "B-Ia" Embedment

0+00 1+00 2+00 3+00
545 540 535 530 525 520 515 510 505 500 495

REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

BENCHMARKS & CONTROL POINTS

BENCHMARK
STD.WDBM SET ON CONC. CURB OF STORM SEWER DROP INLET AT THE SOUTHWEST CORNER OF INTERSECTION OF LIVE OAK ST & GLENDALE ST.
ELEV = 520.05

CONTROL POINT #1
"X" CUT SET IN CONCRETE SIDEWALK IN FRONT OF ADDRESS #5603 LIVE OAK ST. +/- 10' SOUTHWEST OF A TRAFFIC LIGHT.
N. 6981652.1680; E. 2501394.6470; ELEV = 521.48

CONTROL POINT #2
"X" CUT SET IN CONCRETE ALLEY BEHIND ADDRESS #6004 HUDSON ST. +/- 9' NORTHEAST OF A POWER POLE.
N. 6981942.9320; E. 2501480.8850; ELEV = 524.48

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
33-28W, 33-29W
WASTEWATER
BH H-10, 32-28&29S, 33-28S

STATE OF TEXAS
ERIC K. KRONER
88551
LICENSED PROFESSIONAL ENGINEER
10/16/20

APM & Associates, Inc.
Engineering · Planning · CM Services
2201 Main Street, Suite 1100
Dallas, TX. 75201 (214) 748-4888
FIRM REG. #3091

CONTRACT NO. 20-425/426 | PID 3086

# 8" WATER & 8" W.W. MAINS

ALLEY B/W HUDSON ST. & LIVE OAK ST.
LINDELL AVE. TO HUDSON ST.
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT. 2020 | 4110 | 0736 | 7 |

INSTALL 400 LF 8" PVC (DR-14) C900 WATER PIPE
CLASS "C" EMBEDMENT (MIN. 4.0' COVER)

K111 Ex. 6" Water Built 1952

Install 18 LF 16" Encasement Pipe
Per DWU Design Manual 2.10.5

HUDSON ST.

BLK 19/1874

| LOT 23 | LOT 22 | LOT 21 | LOT 20 | LOT 19 | LOT 18 | E 1/2 LOT 17 | LOT 16 & 1 FT LOT 15 |
|---|---|---|---|---|---|---|---|
| 6000 HUDSON ST | 6004 HUDSON ST | 6008 HUDSON ST | 6012 HUDSON ST | 6016 HUDSON ST | 6020 HUDSON ST | 6024 HUDSON ST | 6028 HUDSON ST |
| EXCELSIOR VENTURES LLC Inst.#201500316716 | MARACAS PROPERTIES LLC Inst.#201700240669 | AHNE JOHN PAUL VOL.2001121 PG.5330 | FRY FRANK HOWARD VOL.98095 PG.171 | YNS SERVICES LLC Inst.#201600258787 | YNS SERVICES LLC Inst.#201600058761 | CAIN BRADLEY Inst.#201400179666 | FUSCO SAMUEL Inst.#201700168458 |

8" WATER

8" WW

Line 2

Line D

CP #2

CP #3

Ex. 4" CI. Water — P.B.124 Pg. 25

Ex. 6" Wastewater (No Info)

Ex. 2" Water

Ex. Bldg

Wood Fence

C.L. Fence

Gross

5+08.7 ~ Prop. W.W. Line D
N 6982042.03
E 2501583.87
Construct:
1- 4.0' Dia. W.W. Manhole
Connect Prop. 8" W.W. Out (SW)
Connect Prop. 8" W.W. In (NE)

| LOTS 3 & 4 | LOT 5 | LOT 6B | LOT 7A | LOT 8A | LOT 9A | LOT 10A | 30 FT LOT 10 & 35 FT LOT 11 |
|---|---|---|---|---|---|---|---|
| 5619 LIVE OAK ST | 5625 LIVE OAK ST | 5629 LIVE OAK ST | 5633 LIVE OAK ST | 5637 LIVE OAK ST | 5641 LIVE OAK ST | 5645 LIVE OAK ST | 5647 LIVE OAK ST |
| BEACONS END LLC Inst.#201300288097 | BEACONS END LLC Inst.#201300288155 | BEACONS END LLC In.st.#201300288197 D | VILLALOBOS NORA VOL.98233 PG.4058 | BAHENA PABLO & REYNA VOL.98233 PG.4036 | DEHOYOS ROSA E VOL.2004235 PG.86 | MORENO LUIS ANTONIO VOL.98233 PG.4011 | HERNANDEZ VICTOR & VIRGINIA VOL.94175 PG.862 |

LIVE OAK ST.

Remove Ex. 6" W.W. Built 1950s

CONSTRUCT 8" WASTEWATER MAIN
ALONG SAME HORIZONTAL ALIGNMENT

Remove and Replace Ex. 6" Conc. Alley
Pavement as per City of Dallas
Std. Construction Details 251D-1 Pg. 4001

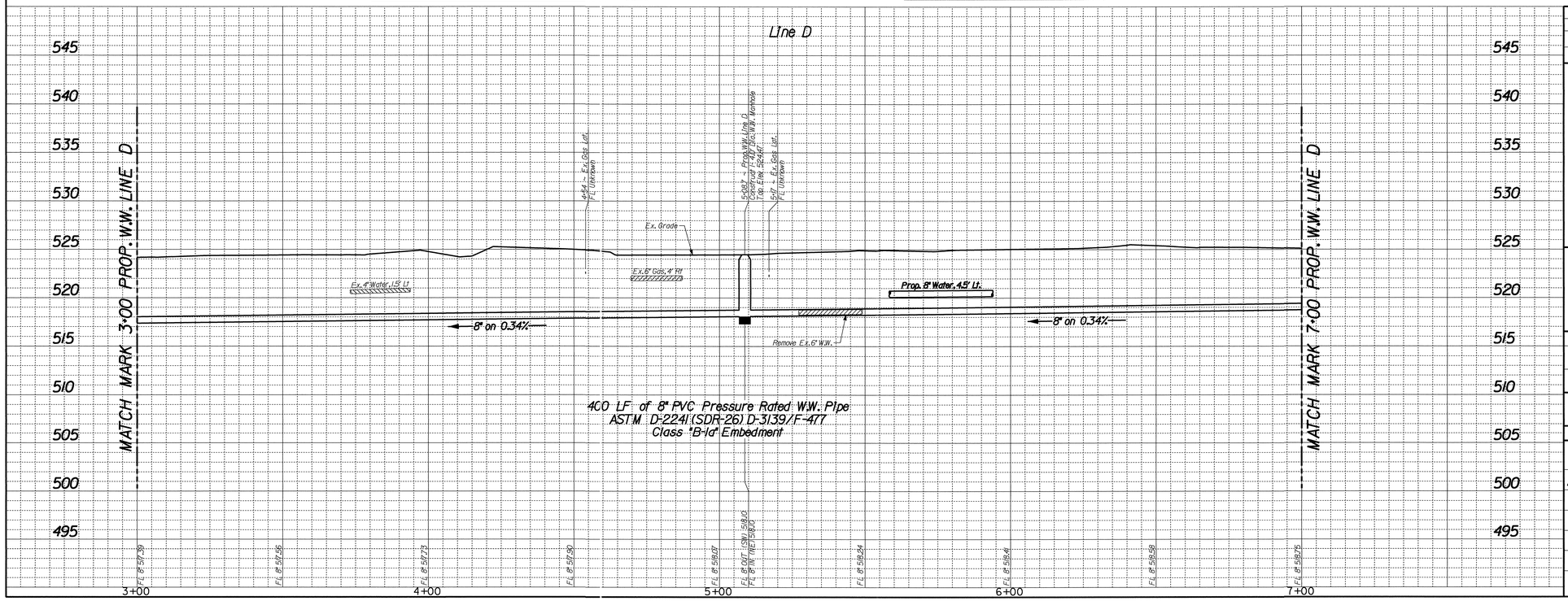
See 4110-0736 SH 7
MATCH MARK 3+00 PROP. W.W. LINE D
MATCH MARK 2+94 PROP. WATER LINE 2

MATCH MARK 6+94 PROP. WATER LINE 2
MATCH MARK 7+00 PROP. W.W. LINE D
See 4110-0736 SH 9

NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

CAUTION ~ OVERHEAD LINES !
Overhead Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

CAUTION ~ GAS !
Underground Gas Main In Area
Contact ATMOS Energy Corp. Two Working Days Prior To Construction.
Call: TEXAS 811 or 811




| REVISIONS | | | |
|---|---|---|---|
| REV NO. | DATE | DESCRIPTION | BY |
| 1 | | | |
| 2 | | | |

## BENCHMARKS & CONTROL POINTS

**BENCHMARK**
STD.WDBM SET ON CONC. CURB OF STORM SEWER DROP INLET AT THE SOUTHWEST CORNER OF INTERSECTION OF LIVE OAK ST & GLENDALE ST.
**ELEV = 520.05**

**CONTROL POINT #2**
"X" CUT SET IN CONCRETE ALLEY BEHIND ADDRESS #6004 HUDSON ST.
+/- 9' NORTHEAST OF A POWER POLE.
**N. 6981942.9320, E. 2501480.8850, ELEV = 524.48**

**CONTROL POINT #3**
"X" CUT SET IN CONCRETE ALLEY BEHIND ADDRESS #5645 LIVE OAK ST.
+/- 24' NORTHEAST OF A POWER POLE.
**N. 6982132.1360, E. 2501678.3380, ELEV = 525.32**

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
33-28W, 33-29W
WASTEWATER
BH H-10, 32-28&29S, 33-28S

STATE OF TEXAS
ERIC K. KRONER
88551
LICENSED
PROFESSIONAL ENGINEER
10/16/20

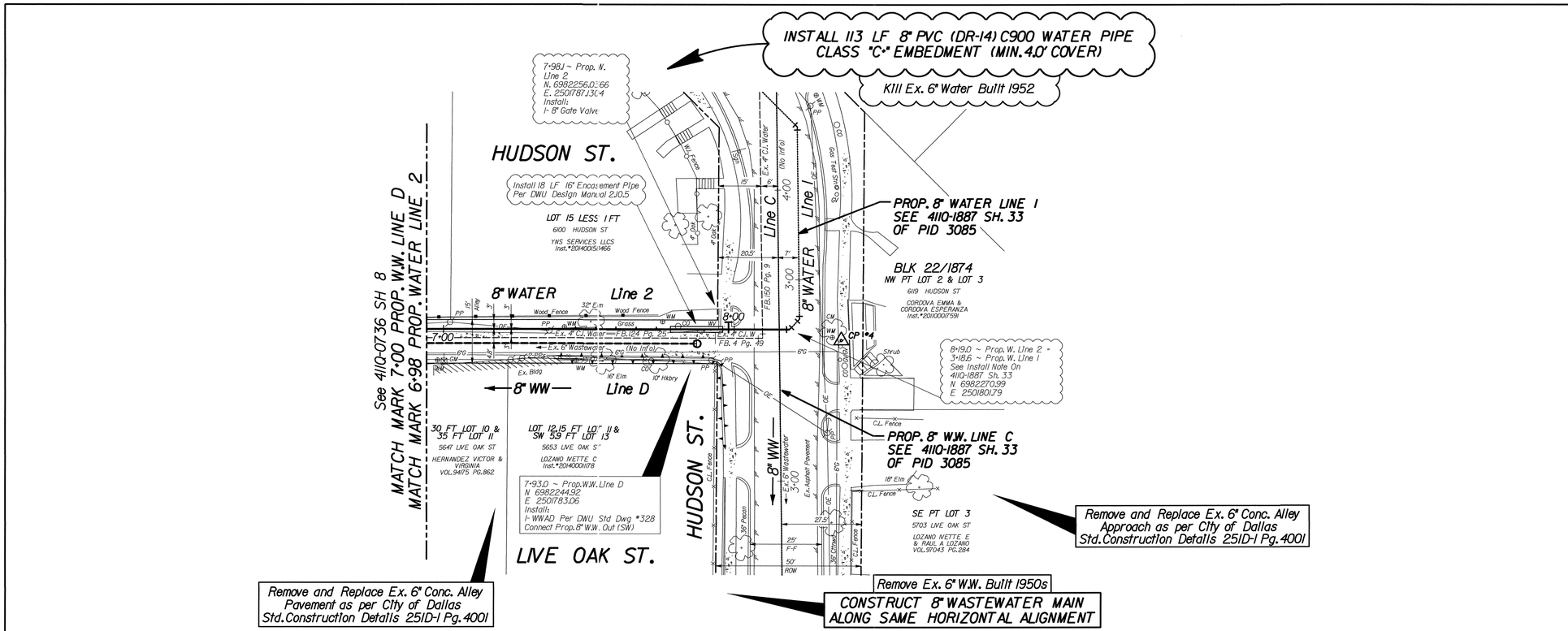

APM & Associates, Inc.
Engineering · Planning · CM Services
2201 Main Street, Suite 1100
Dallas, TX. 75201 (214) 748-4888
FIRM REG. #3091


CONTRACT NO. 20-425/426 | PID 3086

# 8" WATER & 8" W.W. MAINS

ALLEY B/W HUDSON ST. & LIVE OAK ST.
LINDELL AVE. TO HUDSON ST.
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

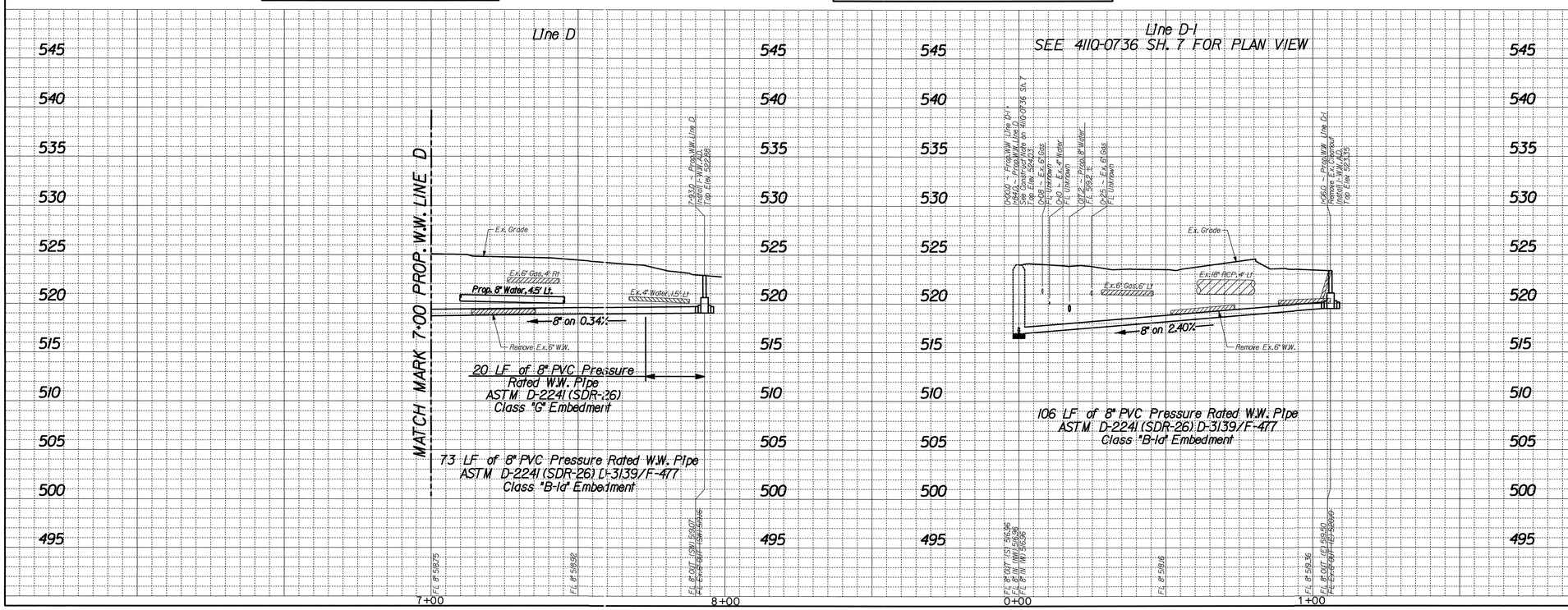
| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT. 2020 | 4110 | 0736 | 8 |




NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

CAUTION ~ OVERHEAD LINES !
Overhead Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

CAUTION ~ GAS !
Underground Gas Main In Area Contact ATMOS Energy Corp. Two Working Days Prior To Construction. Call: TEXAS 811 @ 811




REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
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| 2 | | | |

BENCHMARKS & CONTROL POINTS

**BENCHMARK**
STD.WDBM SET ON CONC. CURB OF STORM SEWER DROP INLET AT THE SOUTHWEST CORNER OF INTERSECTION OF LIVE OAK ST & GLENDALE ST.
**ELEV = 520.05**

**CONTROL POINT #3**
"X" CUT SET IN CONCRETE ALLEY BEHIND ADDRESS #5645 LIVE OAK ST. +/- 24' NORTHEAST OF A POWER POLE.
**N. 6982132.1360; E. 2501678.3380; ELEV = 525.32**

**CONTROL POINT #4**
"X" CUT SET IN CONCRETE SIDEWALK IN FRONT OF ADDRESS #6119 HUDSON ST. +/- 172' NORTHWEST OF THE CENTER OF LIVE OAK ST.
**N. 6982281.1320; E. 2501816.9430; ELEV = 523.70**

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
33-28W, 33-29W
WASTEWATER
BH H-10, 32-28&29S, 33-28S

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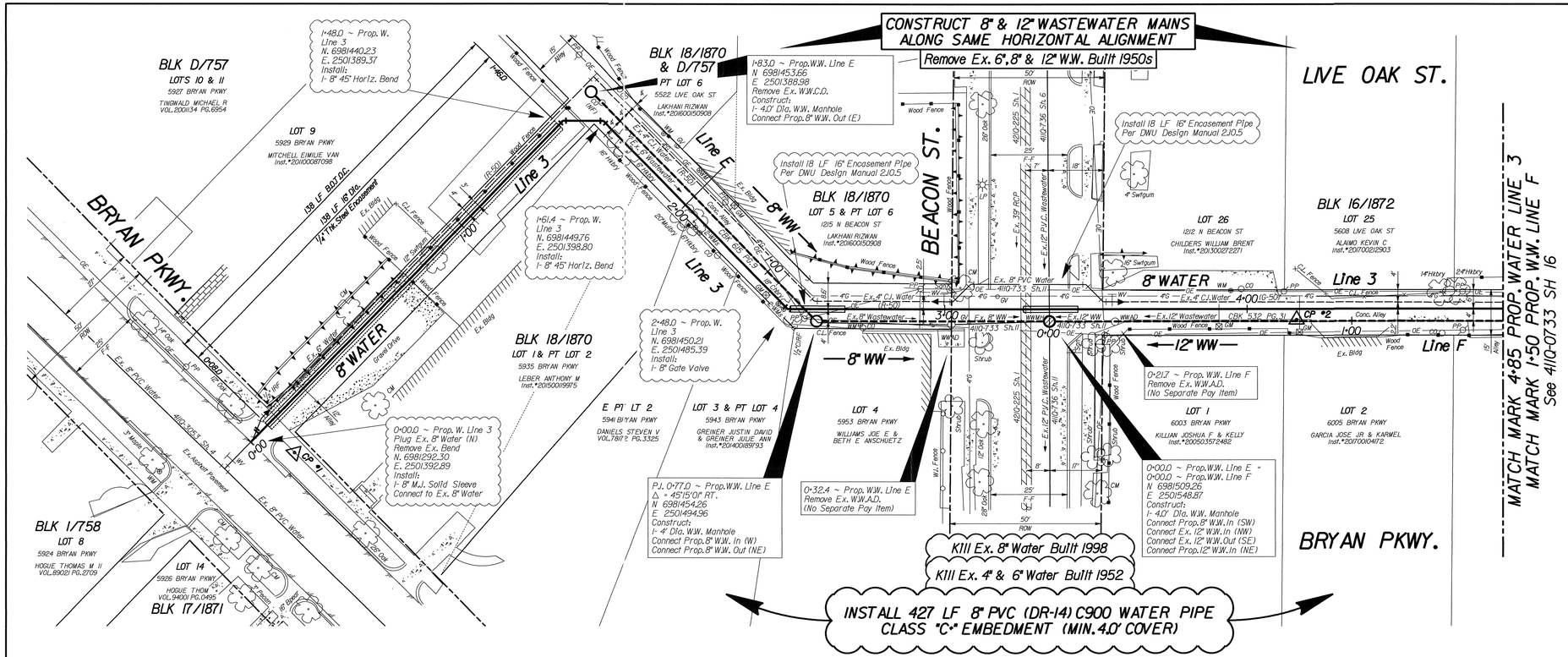
CONTRACT NO. 20-425/426 | PID 3086

# 8" WATER & 8" W.W. MAINS
## ALLEY B/W HUDSON ST. & LIVE OAK ST.
## LINDELL AVE. TO HUDSON ST.
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT 2020 | 4110 | 0736 | 9 |

CONSTRUCT 8" & 12" WASTEWATER MAINS ALONG SAME HORIZONTAL ALIGNMENT

Remove Ex. 6",8" & 12" W.W. Built 1950s


BRYAN PKWY.
LIVE OAK ST.
BEACON ST.
MATCH MARK 4+85 PROP. WATER LINE 3
MATCH MARK 1+50 PROP. W.W. LINE F
See 4110-0733 SH 16
BLK D/757
LOTS 10 & 11
5927 BRYAN PKWY
TINGWALD MICHAEL R
VOL.2001134 PG.6954
LOT 9
5929 BRYAN PKWY
MITCHELL EIMILIE VAN
Inst.*201100087098
BLK 1/758
LOT 8
5924 BRYAN PKWY
HOGUE THOMAS M II
VOL.89021 PG.2709
LOT 14
5926 BRYAN PKWY
HOGUE THOM
VOL.94001 PG.0495
BLK 17/1871
BLK 18/1870 & D/757
PT LOT 6
5522 LIVE OAK ST
LAKHANI RIZWAN
Inst.*201600150908
BLK 18/1870
LOT 5 & PT LOT 6
1215 N BEACON ST
LAKHANI RIZWAN
Inst.*201600150908
BLK 18/1870
LOT 1 & PT LOT 2
5935 BRYAN PKWY
LEBER ANTHONY M
Inst.*201500119975
E PT LOT 2
5941 BRYAN PKWY
DANIELS STEVEN V
VOL.7817 PG.3325
LOT 3 & PT LOT 4
5943 BRYAN PKWY
GREINER JUSTIN DAVID & GREINER JULIE ANN
Inst.*201400189793
LOT 4
5953 BRYAN PKWY
WILLIAMS JOE E & BETH E ANSCHUETZ
LOT 26
1212 N BEACON ST
CHILDERS WILLIAM BRENT
Inst.*201300272271
BLK 16/1872
LOT 25
5608 LIVE OAK ST
ALAMO KEVIN C
Inst.*201700219303
LOT 1
6003 BRYAN PKWY
KILLIAN JOSHUA F & KELLY
Inst.*200503572482
LOT 2
6005 BRYAN PKWY
GARCIA JOSE JR & KARMEL
Inst.*201700104172
1+48.0 ~ Prop. W. Line 3
N. 6981440.23
E. 2501389.37
Install:
1- 8" 45° Horiz. Bend
138 LF 16" BOT DIC.
1/4 TRAIL Steel Encasement
1+83.0 ~ Prop.W.W. Line E
N 6981453.66
E 2501388.98
Remove Ex. W.W.C.O.
Construct:
1- 4.0' Dia. W.W. Manhole
Connect Prop.8" W.W. Out (E)
Install 18 LF 16" Encasement Pipe Per DWU Design Manual 2.10.5
1+61.4 ~ Prop. W. Line 3
N. 6981449.76
E. 2501398.80
Install:
1- 8" 45° Horiz. Bend
2+48.0 ~ Prop. W. Line 3
N. 6981450.21
E. 2501485.39
Install:
1- 8" Gate Valve
0+00.0 ~ Prop. W. Line 3
Plug Ex. 8" Water (N)
Remove Ex. Bend
N. 6981292.30
E. 2501392.89
Install:
1- 8" M.J. Solid Sleeve
Connect to Ex. 8" Water
P.I. 0+77.0 ~ Prop.W.W. Line E
Δ = 45°15'01" RT.
N 6981454.26
E 2501494.96
Construct:
1- 4" Dia. W.W. Manhole
Connect Prop.8" W.W. In (W)
Connect Prop.8" W.W. Out (NE)
0+32.4 ~ Prop. W.W. Line E
Remove Ex. W.W.A.D.
(No Separate Pay Item)
0+21.7 ~ Prop. W.W. Line F
Remove Ex. W.W.A.D.
(No Separate Pay Item)
0+00.0 ~ Prop.W.W. Line E =
0+00.0 ~ Prop.W.W. Line F
N 6981509.26
E 2501548.87
Construct:
1- 4.0' Dia. W.W. Manhole
Connect Prop.8" W.W. In (SW)
Connect Ex. 12" W.W. In (NW)
Connect Ex. 12" W.W. Out (SE)
Connect Prop.12" W.W. In (NE)
Install 18 LF 16" Encasement Pipe Per DWU Design Manual 2.10.5
8" WATER
8" WW
12" WW
Line 3
Line E
Line F
Ex. 8" PVC Water
Ex. 8" Wastewater
Ex. 4" C.I. Water
Ex. 12" WW
Ex. 12" Wastewater
Ex. 12" PVC Wastewater
Ex. Bldg
Wood Fence
Chain Link Fence
Gravel Drive
Asphalt Pavement
Conc. Alley
Ex. 8" PVC Water
Ex. 8" Water
Ex. 4" Water
Ex. 6" Water
Ex. 12" Water
Ex. 4" Gas
Ex. 8" Gas
Ex. 12" Gas
Ex. 4" Gas, ST. RT.
Ex. 8" Gas, ST. RT.
Ex. 4" Gas, 8" LT.
Ex. 8" Gas, 8" LT.
Ex. 12" Gas, 8" LT.
Ex. 4" Gas, 12" LT.
Ex. 8" Gas, 12" LT.
Ex. 12" Gas, 12" LT.
Ex. 4" Gas, 4" LT.
Ex. 8" Gas, 4" LT.
Ex. 12" Gas, 4" LT.
Ex. 4" Gas, 6" LT.
Ex. 8" Gas, 6" LT.
Ex. 12" Gas, 6" LT.
Ex. 4" Gas, 4" RT.
Ex. 8" Gas, 4" RT.
Ex. 12" Gas, 4" RT.
Ex. 4" Gas, 6" RT.
Ex. 8" Gas, 6" RT.
Ex. 12" Gas, 6" RT.
Ex. 4" Gas, 8" RT.
Ex. 8" Gas, 8" RT.
Ex. 12" Gas, 8" RT.
Ex. 4" Gas, 12" RT.
Ex. 8" Gas, 12" RT.
Ex. 12" Gas, 12" R

INSTALL 452 LF 8" PVC (DR-14) C900 WATER PIPE
CLASS "C" EMBEDMENT (MIN. 4.0' COVER)

KIII Ex. 4" Water Built 1952

LIVE OAK ST.

6+81.5 ~ Prop. W. Line 3
N 6981759.96
E 2501788.64
Install:
2- 8" 45° Horiz. Bends

Install 18 LF 16" Encasement Pipe
Per DWU Design Manual 2.10.5

See 4110-0733 SH 15
MATCH MARK 1+50 PROP. W.W. LINE F
MATCH MARK 4+85 PROP. WATER LINE 3

MATCH MARK 9+36 PROP. WATER LINE 3
MATCH MARK 6+00 PROP. W.W. LINE F
See 4110-0733 SH 17

LOTS 22 23 & 24
5620 LIVE OAK ST
PIERCE IAN DOUGLAS
VOL.90096 PG.2443

LOT 21
5624 LIVE OAK ST
5656 LIVE OAK LLC
Inst.#201400219307

BLK 16/1872
LOTS 14-20
5656 LIVE OAK ST
5656 LIVE OAK LLC
Inst.#201400219307

8" WATER
Line 3
Line F
8" WATER
Ex. 4" C.I. Water (C-150)
Ex. 12" Wastewater CBK 532 PG.31
12" WW
12" WW
Ex. Bldg
Ex. Bldg
Ex. Bldg
Conc. Alley
C.L. Fence
C.L. Fence
CP #3
Wood Fence
Alley
5:00
6:00
2:00
3:00
4:00
7:00
8:00
5:00
9:00

LOT 3
6009 BRYAN PKWY
FREELAND LAURA C &
STEPHEN HOWARD
VOL.2004231 PG.01244

LOT 4
6015 BRYAN PKWY
HEATHCOTT JAMES W & DEBORA S
Inst.#201700090557

LOT 5
6019 BRYAN PKWY
TRIPTON RICHARD & JENNIFER
Inst.#201400004358

LOT 6
6023 BRYAN PKWY
MAYFIELD WALTER & PAULINE
Inst.#200802162288

LOT 7
6025 BRYAN PKWY
DUTY MICHAEL &
LAURA LEWIS-DUTY
VOL.2005074 PG.4263

LOT 8
6029 BRYAN PKWY
THORNTON RUSSELL G &
ANN V.
VOL.90125 PG.4584

LOT 9
6033 BRYAN PKWY
RAGSDALE MARY KATHLEEN

LOT 10
6035 BRYAN PKWY
KAISER JORDAN R

LOT 11
6043 BRYAN PKWY
BROUSSARD JANEL RUTH
VOL.86119 PG.5361

BRYAN PKWY.

4+00.0 ~ Prop. W.W. Line F
E 2501828.70
N 6981795.09
Construct:
1- 4.0' Dia. W.W. Manhole
Connect Prop. 12" W.W. Out (SW)
Connect Prop. 12" W.W. In (NE)

Remove Ex. 12" W.W. Built 1950s

CONSTRUCT 12" WASTEWATER MAIN
ALONG SAME HORIZONTAL ALIGNMENT

NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

CAUTION ~ OVERHEAD LINES !
Overhead Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

CAUTION ~ GAS !
Underground Gas Main In Area
Contact ATMOS Energy Corp, Two Working Days Prior To Construction.
Call: TEXAS 811 @ 811

Line F

MATCH MARK 1+50 PROP. W.W. LINE F

MATCH MARK 6+00 PROP. W.W. LINE F

2.24' ~ Ex. Gas Lat.
F.E. Unknown

3.52' ~ Ex. Gas Lat.
F.E. Unknown

4+00.0 ~ Prop. W.W. Line F
Construct 1-4.0' Dia. W.W. Manhole
Inv. Elev. 523.62

4.12' ~ Ex. Gas Lat.
F.E. Unknown

5.41' ~ Ex. Gas Lat.
F.E. Unknown

Ex. Grade

Ex. 4" Gas, 8' Lt.

Prop. 8" Water, 4' Lt.

Prop. 8" Water, 7.5' Lt.

Remove Ex. 12" W.W.

12" @ 0.42%

12" @ 0.43%

Sta. 4+50

340 LF of 12" PVC Pressure Rated W.W. Pipe
AST.M D-2241 (SDR-26) D-3139/F-477
Class "B-2d" Embedment

110 LF of 12" PVC Pressure Rated W.W. Pipe
AST.M D-2241 (SDR-26) D-3139/F-477
Class "B-Id" Embedment

F.E. 12" 509.25
F.E. 12" 509.46
F.E. 12" 509.67
F.E. 12" 509.89
F.E. 12" 510.10
F.E. 12" OUT (SW) 510.34
F.E. 12" IN (NE) 510.41
F.E. 12" 510.63
F.E. 12" 510.84
F.E. 12" 511.05
F.E. 12" 511.27

545 540 535 530 525 520 515 510 505 500 495

2+00 3+00 4+00 5+00 6+00

REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

BENCHMARKS & CONTROL POINTS

**BENCHMARK**
STD.WDBM SET ON CONC. CURB OF STORM SEWER DROP INLET AT THE SOUTHWEST CORNER OF INTERSECTION OF LIVE OAK ST & GLENDALE ST.
**ELEV = 520.05**

**CONTROL POINT #2**
"X" CUT SET IN CONCRETE ALLEY BEHIND ADDRESS #6005 BRYAN PKWY, +/- 10' EAST OF A POWER POLE.
**N. 6981568.0170; E. 2501605.7100; ELEV = 518.42**

**CONTROL POINT #3**
"X" CUT SET IN CONCRETE ALLEY BEHIND ADDRESS #5656 LIVE OAK ST, +/- 225' SOUTHWEST OF THE CENTER OF GLENDALE ST.
**N 6981864.95; E 2501887.58; ELEV = 520.11**

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
33-28W, 33-29W
WASTEWATER
BH H-10, 33-28S, 33-29S

STATE OF TEXAS
ERIC K. KRONER
88551
LICENSED
PROFESSIONAL ENGINEER
10/16/20

APM & Associates, Inc.
Engineering · Planning · CM Services
2201 Main Street, Suite 1100
Dallas, TX. 75201 (214) 748-4888
FIRM REG. #3081

CONTRACT NO. 20-425/426 | PID 3087

# 8" WATER & 12" W.W. MAINS

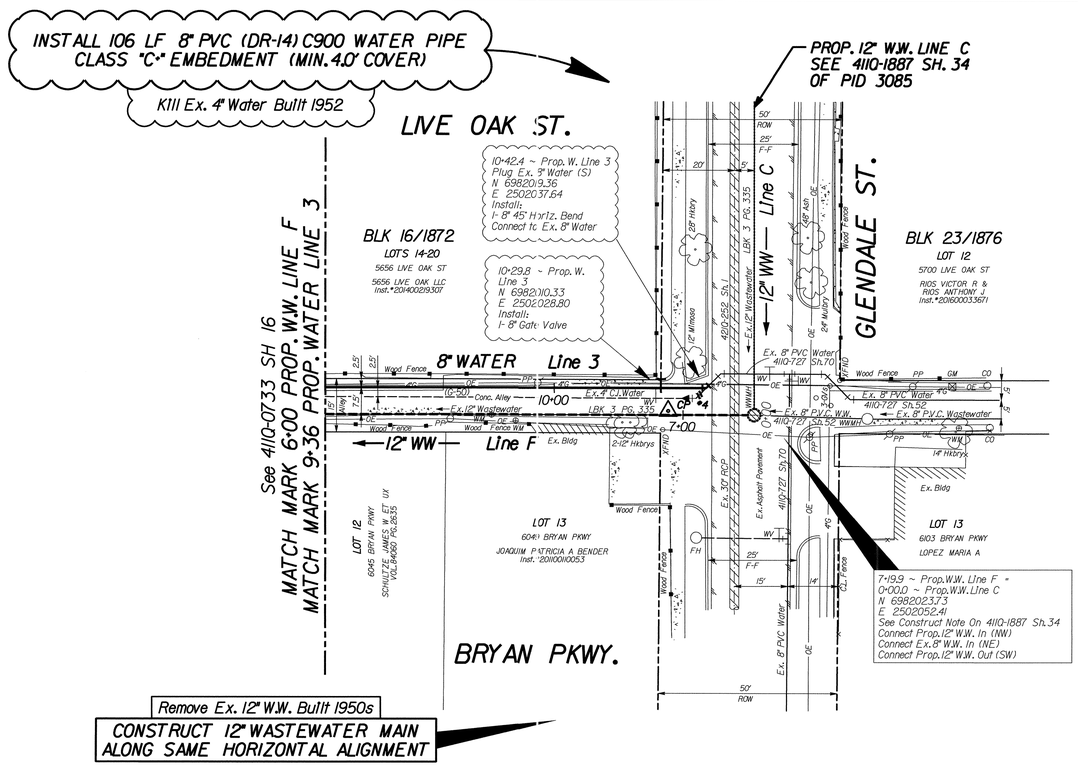
## ALLEY B/W BRYAN PKWY. & LIVE OAK ST.

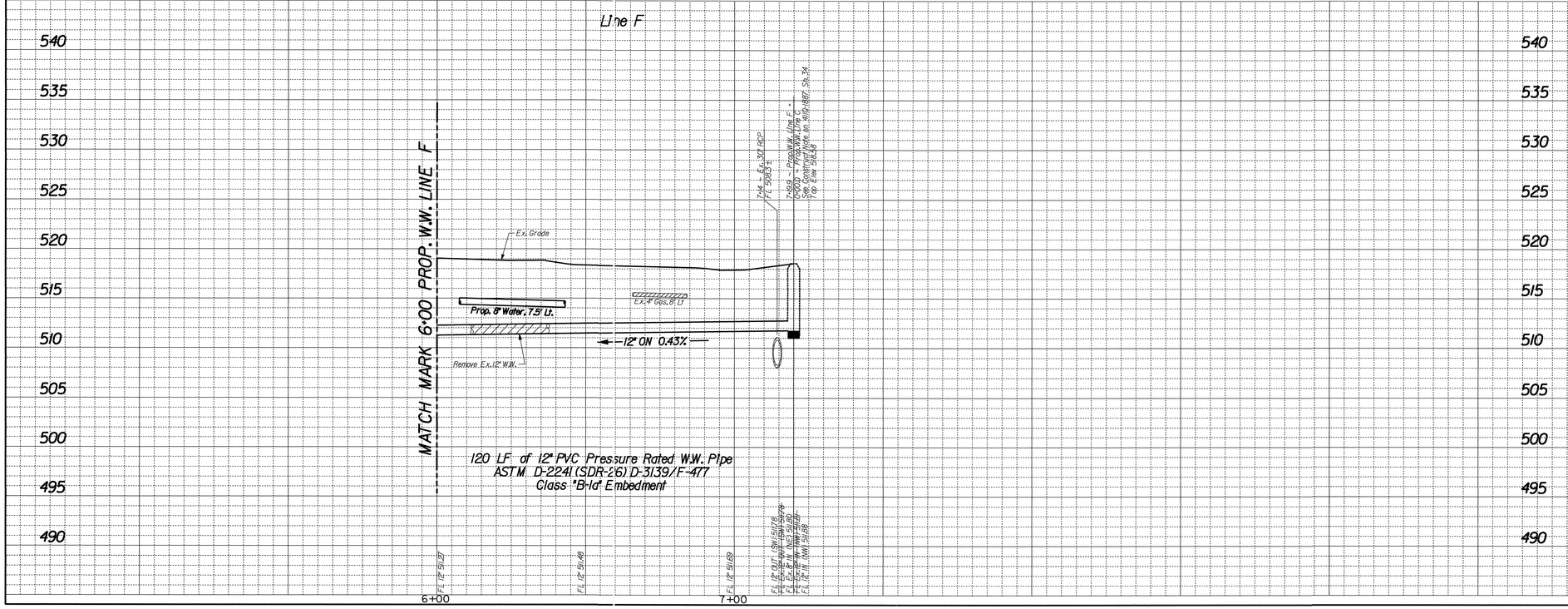
## BRYAN PARKWAY TO GLENDALE STEET

## DALLAS WATER UTILITIES

## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT. 2020 | 4110 | 0733 | 16 |




NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

**CAUTION ~ OVERHEAD LINES !**
Overhead Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

**CAUTION ~ GAS !**
Underground Gas Main In Area Contact ATMOS Energy Corp. Two Working Days Prior To Construction. Call: TEXAS 811 @ 811

REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

BENCHMARKS & CONTROL POINTS

**BENCHMARK**
STD.WDBM SET ON CONC. CURB OF STORM SEWER DROP INLET AT THE SOUTHWEST CORNER OF INTERSECTION OF LIVE OAK ST & GLENDALE ST.
**ELEV = 520.05**

**CONTROL POINT #3**
"X" CUT SET IN CONCRETE ALLEY BEHIND ADDRESS #5656 LIVE OAK ST. +/- 225' SOUTHWEST OF THE CENTER OF GLENDALE ST.
**N. 6981568.0170, E. 2501605.7100, ELEV = 518.42**

**CONTROL POINT #4**
"X" CUT SET ON CONCRETE PVMT 12' FROM ENTRANCE OF ALLEY ON SW SIDE OF GLENDALE ST & ALLEY BWTN LIVE OAK ST & BRYAN PKWY.
**N. 6982007.3420, E. 2502034.7870, ELEV = 517.90**

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
33-28W, 33-29W
WASTEWATER
BH H-10, 33-28S, 33-29S

STATE OF TEXAS
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10/16/20

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2201 Main Street, Suite 1100
Dallas, TX. 75201 (214) 748-4888
FIRM REG. #3091

CONTRACT NO. 20-425/426 | PID 3087

# 8" WATER & 12" W.W. MAINS
## ALLEY B/W BRYAN PKWY. & LIVE OAK ST.
## BRYAN PARKWAY TO GLENDALE STEET
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT 2020 | 4110 | 0733 | 17 |

INSTALL 370 LF 8" PVC (DR-14) C900 WATER PIPE
CLASS "C" EMBEDMENT (MIN. 4.0' COVER)

4+40.0 ~ Prop. W. Line 4
N. 6982179.9855
E. 2501929.2226
Install:
1- 8" Plug
1- Automatic Flusher Per DNU Std Dwg *207A

K111 Ex. 2" Water Built 1930s
K111 Ex. 8" Water Built 1975

1+62.8 ~ Prop. W. Line 4
N 6982377.97
E 2502123.26
Remove & Deliver Exist. FH
Install:
1- 8"x 6" Tee BBF
1- 6" Gate Valve FMJ
8 LF 6" PVC C900 (DR-14) Water Pipe w/ Class C Emb
1- FH as Per DNU Std Dwg *224

1+44.4 ~ Prop. W. Line 4
N 6982391.09
E 2502136.12
Install:
1- 8" Gate Valve

SEE C" 18-279/280E OF PID 6142 PROP. 8" WATER LINE 5

BLK 19/1874
LOT 12 1/5 FT LOT 11 & SW 5.9 FT LOT 13
5653 LIVE OAK ST
LOZANO NETTE C
Inst.*20140001118

SE PT LOT 3
5703 LIVE OAK ST
LOZANO NETTE E & RAUL A LOZANO
VOL.97043 PG.284
Ex. Bldg

SE PT LOT 2
5705 LIVE OAK ST
BROWN COLON JR

BLK 22/1874
PT LOT 1
5709 LIVE OAK ST
GATTINI DARWIN
Inst.*201300088590

BLK N/1877 PT LOTS 5&6 BLK A/1877
LOT 12 & BLK 22/1874 PT LOT 1
5719 LIVE OAK ST
FEE JOHN A & VALERIE LOCKLEAR
VOL.2003220 PG.9920

HUDSON ST.

LIVE OAK ST.

ROSS AVE.

8" WW

8" WATER Line 4

Line J 8" WW

8" WATER Line 5

Ex. 8" Water (R-50)

Ex. Asphalt Pvmt.

Ex. 15" RCP

Ex. 21" RCP

Ex. 30" RCP

Ex. 24" RCP

Ex. 6" Wastewater

Ex. 12" Wastewater

Ex. 8" Water

Ex. 8" Water (R-50)

Ex. 10" Wastewater 4110-381 Sh.10

Ex. 10" Wastewater 4110-381 Sh.10

Ex. 1½" U.G. Traffic Signal Conduit

CP #2

FB.473 Pg. 21

0+00.0 ~ Prop.WW.Line G = P.I. 1+74.7 ~ Prop.WW.Line C
Δ = 00°37'22" LT.
N 6982145.86
E 2501927.53
See Construct Note On 4110-1887 Sh.33
1- 4.0' Dia. W.W. Manhole
Connect Prop.8" W.W. In (NW)
Connect Prop.10" W.W. In (NE)
Connect Prop.12" W.W. Out (SE)

Line G

10" WW

Remove Ex. 10" W.W. Built 1925

CONSTRUCT 10" WASTEWATER MAIN ALONG SAME HORIZONTAL ALIGNMENT

MATCH MARK 0+70 PROP. WATER LINE 4
See 4110-0381 SH 44

BM

BLK 16/1872
LOT'S 14-20
5656 LIVE OAK ST
5656 LIVE OAK LLC
Inst.*20140029307

GLENDALE ST.

12" WW

Ex. 12" Wastewater

Ex. Asphalt Pvmt.

PROP. 8" & 12" W.W. LINE C
SEE 4110-1887 SH. 33
OF PID 3085

LOT 12
5700 LIVE OAK ST
RIOS VICTOR R & RIOS ANTHONY J
Inst.*20160033671

LOT 11
5708 LIVE OAK ST
LOZANO CONCEPCION LOPEZ
VOL.89214 pg.3202

LOT 10
5712 LIVE OAK ST
LOZANO CONCEPCION LOPEZ
VOL.89244 PG.3202

LOT 9
5716 LIVE OAK ST
GARCIA JESUS & YVONNE
VOL.2003114 PG.1917

BLK 23/1876
LOT 8
5720 LIVE OAK ST
DANIEL DAVID O
Inst.*20160016992

LOT 7
5722 LIVE OAK ST
SARPONG BENJAMIN K & KATHRYN J
Inst.*20160034642

LOT 6 & SW 10FT LOT 5
5728 LIVE OAK ST
MCKAY LINDA S
VOL.99033 PG.279

3+40.8 ~ Prop. W.W. Line G = 0+00.0 ~ Prop. WW. Line J
N 6982388.898 3
E 2502166.3893
Construct:
1- 4.0' Dia. W.W. Manhole
Connect Prop.10" W.W. Out (SW)
Connect Prop.8" W.W. In (NW)
Connect Prop.10" W.W. In (NE)

3+48.2 ~ Prop. W.W. Line G
N 6982394.1910
E 2502171.5910
Connect to Ex. 4' Dia. W.W. Manhole
Connect Prop.10" W.W. Out (SW)
Ex.6" W.W. In (NW)

1+09.9 ~ Prop. W. Line 4
Plug Ex. 8" Water (SE)
N 6982415.77
E 2502160.31
Install:
1- 8" x 8" Tee
1- 8" Gate Valve
2- 8" 45° Horiz. Bends
10 LF 8" PVC C900 (DR-14) Water Pipe w/ Class C Emb
Connect to Ex. 8" Water

MATCH MARK 0+70 PROP. WATER LINE 4
See 4110-0381 SH 44

PROJECT LOCATION

MAPSCO: 36-X

NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

CAUTION ~ OVERHEAD LINES !
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CAUTION ~ GAS !
Underground Gas Main In Area
Contact ATMOS Energy Corp. Two Working Days Prior To Construction.
Call: TEXAS 811 or 811

CAUTION ~ TELEPHONE !
Underground Telephone Cables In Area
Contact S.B.C. Two Working Days Prior To Construction.
Call: TEXAS 811 or 811

Line G

0+00.0 ~ Prop.WW.Line G = P.I. 1+74.7 ~ Prop.WW.Line C
Δ = 00°37'22" LT.
N 6982145.86
E 2501927.53
See Construct Note On 4110-1887 Sh.33
1- 4.0' Dia. W.W. Manhole
Connect Prop.8" W.W. In (NW)
Connect Prop.10" W.W. In (NE)
Connect Prop.12" W.W. Out (SE)
Ex. 12" RCP
Ex. 6" W.W. (NW) 5027.6
Ex. 8" W.W. (NW) 5026.25
Ex. 12" W.W. (SE) 5023.94
Ex. 10" W.W. (NE) 5027.76

3+40.8 ~ Prop.WW.Line G = 0+00.0 ~ Prop. WW. Line J
Construct 1- 4.0' Dia. W.W. Manhole
Top Elev. = 523.1±
Ex. 6" W.W. (NW) 5026.89
Ex. 8" W.W. (SW) 5026.95
Ex. 10" W.W. (NE) 5026.95

3+48.2 ~ Prop.WW.Line G
Connect to Ex. 4' Dia. W.W. Manhole
Top Elev. = 524.88
Ex. 10" W.W. (SW) 5015.89
Ex. 6" W.W. (NW) 5015.89
Ex. 8" W.W. (SW) 5015.95
Ex. 6" W.W. (NW) 5016.12

Prop. 8" Water, 2.3' U.

Ex. Grade

10" ON 0.92%

Ex. 6" Gas, 3.5' U.

Remove Ex. 10" W.W.

348 LF of 8" PVC Wastewater Pipe
ASTM D-3034 (SDR-35), ASTM D-3212
Class "B-F" Embedment

545 540 535 530 525 520 515 510 505 500 495

0+00 1+00 2+00 3+00 4+00

REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

BENCHMARKS & CONTROL POINTS

BENCHMARK
STD.WDBM SET ON CONC. CURB OF STORM SEWER DROP INLET AT THE SOUTHWEST CORNER OF INTERSECTION OF LIVE OAK ST & GLENDALE ST.
ELEV = 520.05

CONTROL POINT #1
"X" CUT SET IN CONCRETE SIDEWALK ON SOUTHWEST CORNER OF LIVE OAK ST & GLENDALE ST. +/- 18' NORTHEAST OF A CURB INLET.
N. 6982103.515900; E. 2501936.205000; ELEV = 519.92

CONTROL POINT #2
"X" CUT SET IN CONCRETE SIDEWALK ON NORTHWEST CORNER OF LIVE OAK ST & ROSS AVE. +/- 14.5' EAST OF A 28" COTTONWOOD TREE.
N. 6982438.540012; E. 2502169.245012; ELEV = 522.12

Horizontal Scale: 1" = 20'
0' 20' 40'

Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER 33-29N
WASTEWATER BH 11-10, 32-29S

STATE OF TEXAS
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LICENSED PROFESSIONAL ENGINEER
10/16/20

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Dallas, TX. 75201 (214) 748-4888
FIRM REG. #3091

CONTRACT NO. 20-425/426 | PID 5924

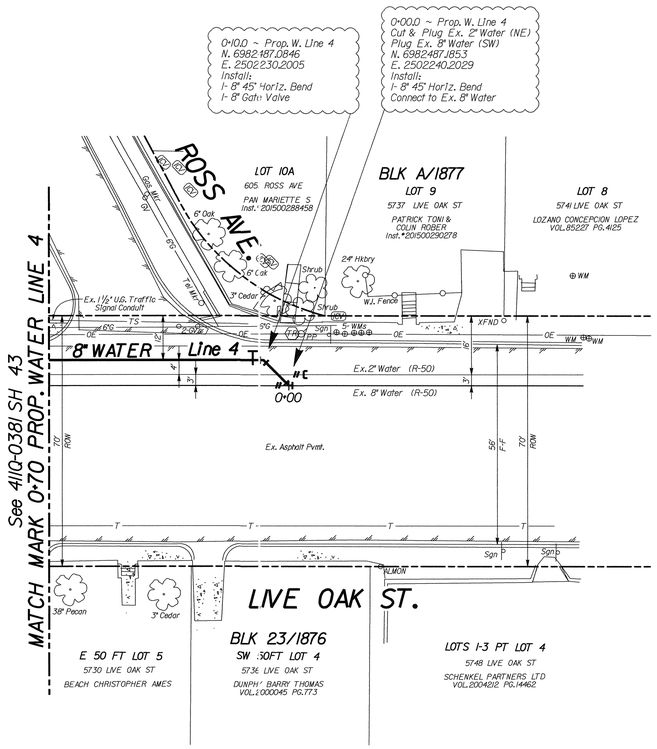
# 8" WATER & 10" W.W. MAINS
## LIVE OAK STREET
## HUDSON STREET TO ROSS AVENUE
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT 2020 | 4110 | 0381 | 43 |

INSTALL 70 LF 8" PVC (DR-14) C900 WATER PIPE
CLASS "C" EMBEDMENT (MIN. 4.0' COVER)

K111 Ex. 2" Water Built 1930s

K111 Ex. 8" Water Built 1975




N

NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

**CAUTION ~ OVERHEAD LINES !**
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**CAUTION ~ GAS !**
Underground Gas Main In Area Contact ATMOS Energy Corp. Two Working Days Prior To Construction. Call: TEXAS 811 @ 811

**CAUTION ~ TELEPHONE !**
Underground Telephone Cables In Area Contact S.B.C. Two Working Days Prior To Construction. Call: TEXAS 811 @ 811

| REVISIONS | | | |
|---|---|---|---|
| REV NO. | DATE | DESCRIPTION | BY |
| 1 | | | |
| 2 | | | |

**BENCHMARKS & CONTROL POINTS**

**BENCHMARK**
STD.WDBM SET ON CONC. CURB OF STORM SEWER DROP INLET AT THE SOUTHWEST CORNER OF INTERSECTION OF LIVE OAK ST & GLENDALE ST.
**ELEV = 520.05**

**CONTROL POINT #1**
"X" CUT SET IN CONCRETE SIDEWALK ON SOUTHWEST CORNER OF LIVE OAK ST & GLENDALE ST. +/- 18' NORTHEAST OF A CURB INLET.
**N. 6982103.51900; E. 2501936.20500; ELEV = 519.92**

**CONTROL POINT #2**
"X" CUT SET IN CONCRETE SIDEWALK ON NORTHWEST CORNER OF LIVE OAK ST & ROSS AVE. +/- 14.5' EAST OF A 28" COTTONWOOD TREE.
**N. 6982438.54400; E. 2502169.24500; ELEV = 522.12**

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
33-29W
WASTEWATER
BH H-10, 32-29S

STATE OF TEXAS
ERIC K. KRONER
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LICENSED
PROFESSIONAL ENGINEER
10/16/20

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Dallas, TX. 75201 (214) 748-4888
FIRM REG. #3091

CONTRACT NO. 20-425/426 | PID 5924

# 8" WATER MAIN
## LIVE OAK STREET
## HUDSON STREET TO ROSS AVENUE
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT. 2020 | 4110 | 0381 | 44 |

INSTALL 400 LF 8" PVC (DR-14) C900 WATER PIPE
CLASS "C" EMBEDMENT (MIN. 4.0' COVER)

K111 Ex. 6" Water Built 1938

PROP WATER CURVE 1 DATA
Δ = 23°33'40"
R = 391.97'
L = 161.19'
T = 81.75'
P.C. = 0+73.68
N. 6989796.0958
E. 2501186.7736
P.T. = 2+34.87
N. 6989885.0242
E. 2501343.0016

PROP WATER CURVE 2 DATA
Δ = 14°16'01"
R = 316.33'
L = 78.77'
T = 39.59'
P.C. = 3+39.67
N. 6989812.5415
E. 2501457.5912
P.T. = 4+17.44
N. 6989834.2534
E. 2501545.9867

0+92.9 ~ Prop. W. Line 1
N. 6989810.8013
E. 2501224.3557
Remove & Deliver Exist. FH
Install:
1- 8"x 6" Tee BBF
1- 6" Gate Valve FMJ
25 LF 6" PVC C900 (DR-14) Water Pipe w/ Class C Emb
1- FH as Per DWU Std Dwg #224

0+00.0 ~ Prop. W. Line 1
Plug Ex. 6" Water (E)
N. 6989798.2698
E. 2501135.4919
Install:
1- 8" x 6" Reducer
2- 8" 45° Horiz. Bends
1- 8" Gate Valve
Connect to Ex. 6" Water

DELMAR AVE.

50' ROW

LOT 1
*5901/5903 MARTEL AVE.
BARGINEAR WAYNE &
VOL.2000158/0287

LOT 2
*5905/5907 MARTEL AVE.
O B A MFG INC
VOL.92120/1672

LOT 3
*5909/5911 MARTEL AVE.
O B A MFG INC
VOL.93116/5495

BLK E/2880
LOT 4
*5913/5915 MARTEL AVE.
SHERBET STACY ANNE
SHERBET IAN OREAL
INT.2007035666

LOT 5
*5919/5921 MARTEL AVE.
O B A INC
VOL.93218/7508

LOT 6
*5927 MARTEL AVE.
CARLOCK THOMAS R II & LAREN
INT.2017002564B7

MARTEL AVE.

Conc. D/W
Conc. S/W
30" Oak
24" Oak
2-WMs
3-WMs
2-15" Elms
Ex. 6" C.I. Water
F.B. 18 Pg. 2
Asphalt Pvmt.
Curve 1
Line 1
Curve 2
2+00
3+00
4+00
8" WATER
1+00
WV
Sign
FH
Stump
24" Elm
33" Elm
13" Elm
14" Oak
28" Oak
55' ROW
PROP. WATER LINE 1
MATCH MARK 4+00

BLK D2/2879
LOT 6
*5851 MARTEL AVE.
O B A INC
VOL.93035/1881

24" Pecan

Ex. 6" C.I. Water
F.B. 18 Pg. 16

CP #1
0+00
300' To Next Ex. Gate Valve

F.B. 8 Pg. 47

Ex. 30" Water (T-48)
Ex. 16" Water (T-48)
OE
12'
30' F-F
Asphalt Pvmt.
Gas Mkr
PP
Conc. S/W
55' ROW
35' F-F

MARTEL AVE.

BLK B/2877
LOT 17
*5848/5850 MARTEL AVE.
ORLEANS JOHN D &
LAURENCE C THIRION
INT.2014001503I9

24' F-F
15" Elm
16" Oak

LOT 26
*5900/5902 MARTEL AVE.
O B A INC
VOL.93035/1881

LOT 25
*5906/5908 MARTEL AVE.
O B A INC
INT.2006002O5498

BLK C/2878
LOT 24
*5910/5912 MARTEL AVE.
MJCF PROPERTIES LP
INT.2006001433Z6

LOT 23
*5916/5918 MARTEL AVE.
MARTEL LEWIS INV PPTY LLC

LOT 22
*5922/5924 MARTEL AVE.
HASCHKE MELINDA SUSAN
VOL.82147/3037

0+62.5 ~ Prop. W. Line 1
N. 6989800.1149
E. 2501195.9768
Install:
1- 8" Gate Valve

P.C. 0+52.48 ~ Prop. W. Line 1
N. 6989796.0958
E. 2501186.7736
Install:
1- 8" 22.5° Horiz. Bend

0+41.3 ~ Prop. W. Line 1
Plug Ex. 6" Water (W)
N. 6989795.9151
E. 2501175.5596
Install:
1- 8" x 8" Tee
1- 8" 90° Horiz. Bend
1- 8" Gate Valve
13 LF 8" PVC C900 (DR-14) Water Pipe w/ Class C Emb
1- 16" x 8" Cut-In Tee

INSTALL 101 LF 8" PVC (DR-14) C900 WATER PIPE
CLASS "C" EMBEDMENT (MIN. 4.0' COVER)

K111 Ex. 6" Water Built 1938

PROP. 10" W.W. LINE A
SEE 4110-0686 SH. 3
OF PID 5828

BLK E/2874
LOT 1
*6003 MARTEL AVE.
FRIEDMANN JAMES B &
MANJUSHA SHANKARADAS
INT.2014000465S0

BLK E/2880
LOT 7
*5931 MARTEL AVE.
EILAND MATTIE ABIGAIL
INT.2014002B0540

CONCHO ST.

MARTEL AVE.

Ex. 30" RCP
Ex. 15" RCP
Ex. 18" RCP
Ex. 36" RCP
Ex. 10" WW Force Main
Ex. 10" WW Gravity Sewer
420-005 Sh. 7
F.B. 18 Pg. 1
Wrought Fence
Inlet
Manhole
CP #2
Sign
FH
Asphalt Pvmt.
C.I. Water
Ex. 6"
24" Elm
Tree
Bldg
Conc. S/W
Conc. D/W
Curve A
Line A
Line 2
Line 1
Curve 2
2+00
3+00
1+00
10" WW
8" WATER
15" Oak
27" Oak
55' ROW
50' ROW
26' F-F
20'
8'
7.5'
8.5'
PROP. 8" WATER LINE 2
SEE 4110-0686 SH. 3
OF PID 5828

MATCH MARK 4+00 PROP. WATER LINE 1

BLK C/2878
LOT 21
*5928/5930 MARTEL AVE.
O B A INC
VOL.2000867/3927

P.I. 4+38.9 ~ Prop. W. Line 1
Δ = 14°21'31"Rt.
N. 6989848.8561
E. 2501566.5388
Install:
1- 8" Horiz. Bend, Pull Pipe

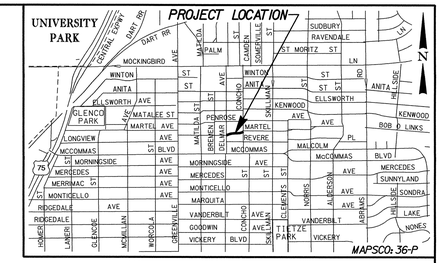
5+01.0 ~ Prop. W. Line 1 =
2+54.2 ~ Prop. W. Line 2
See Install Note On
4110-0686 Sh. 3
N. 6989849.4030
E. 2501628.6920

BLK D/2874
LOT 26
*6002 MARTEL AVE.
PARANJPE POOJA D &
KYLE F. WEDIN
INT.2016001S1585

4+67.9 ~ Prop. W. Line 1
N. 6989849.1111
E. 2501595.5237
Install:
1- 8" Gate Valve

N

PROJECT LOCATION




NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

**CAUTION ~ OVERHEAD LINES !**
Overhead Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

**CAUTION ~ GAS !**
Underground Gas Main In Area
Contact ATMOS Energy Corp. Two Working Days Prior To Construction.
Call: TEXAS 811 @ 811

| REVISIONS | | | |
|---|---|---|---|
| REV NO. | DATE | DESCRIPTION | BY |
| 1 | | | |
| 2 | | | |

## BENCHMARKS & CONTROL POINTS

**BENCHMARK**
STD.WDBM SET ON STORM SEWER DROP INLET AT THE NORTHEAST CORNER OF THE INTERSECTION OF SKILLMAN ST & KENWOOD AVE.
**ELEV = 596.65**

**CONTROL POINT #1**
5/8" IR w/RED CP&Y CAP SET TOP OF CURB AT BEGINNING OF CURB RADIUS ON THE NORTHWEST CORNER OF MARTEL AVE & DELMAR ST.
**N. 6989800.5730; E. 2501139.3300; ELEV = 608.21**

**CONTROL POINT #2**
5/8" IR w/RED CP&Y CAP SET APPROX.2' FROM BC AT CENTER OF CURB RADIUS ON THE NORTHEAST CORNER OF CONCHO ST & MARTEL AVE.
**N. 6989924.4800; E. 2501637.3420; ELEV = 599.92**

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
29-28W
WASTEWATER
BH H-9,29-28S,29-29S

STATE OF TEXAS
ERIC K. KRONER
88551
LICENSED
PROFESSIONAL ENGINEER
10/16/20

APM & Associates, Inc.
Engineering · Planning · CM Services
2201 Main Street, Suite 1100
Dallas, TX. 75201 (214) 748-4888
FIRM REG. #3091

CONTRACT NO. 20-425/426 | PID 5827

# 8" WATER MAIN
## MARTEL AVENUE
## DELMAR AVENUE TO CONCHO STREET
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT 2020 | 4110 | 0686 | 2 |

CONSTRUCT 10" WASTEWATER MAIN ALONG SAME HORIZONTAL ALIGNMENT

Remove Ex. 10" W.W. Built Unk

PROP. 8" WATER LINE 1 SEE 4110-0686 SH. 2 OF PID 5827

MATCH MARK 3+97 PROP. WATER LINE 1
MATCH MARK 2+75 PROP. W.W. LINE A
See 4110-0686 SH 4

REVERE PL.

CONCHO ST.

MARTEL AVE.

BLK C/2878
LOT 9
*5928 Revere Pl.
VASSIGH MANIZHEH & RADFAR KENNY
INT. 20080031282?2

BLK C/2878
LOT 20
*5925 Revere Pl.
MARLINDA SUE TAYLOR
VOL.98211 PG.2316

LOT 21
*5928/5930 MARTEL AVE.
D B A INC.
VOL.2000166 PG.3927

BLK E/2880
LOT 7
*5931 MARTEL AVE.
EILAND MATTIE ABIGAIL
INT. 20140028054?0

BLK C/2874
LT 33 & PT LT 32
*6000 MARTEL AVE.
LT 33 & PT LT 32
VOL.2001210 PG 8608

LOT 1
*6001 REVERE PL.
OHLAND DONNA S
VOL.81124 PG.3166

BLK D/2874
LOT 26
*6002 MARTEL AVE.
PARANJPE POOJA D & KYLE E WEDIN
INT. 20160031?585

BLK E/2874
LOT 1
*6003 MARTEL AVE.
FRIEDMANN JAMES B & MANJUSHA SHANKARADAS
INT. 20140046?550

0+56.2 ~ Prop. W. Line 2A
Plug Exist. 4" Water (E)
N. 6989622.6587
E. 2501577.5511
Install:
1- 8" x 4" Reducer
2- 8" 45° Horiz. Bends
Connect to Exist. 4" Water

0+36.2 ~ Prop. W. Line 2A
N. 6989617.1641
E. 2501595.2168
Install:
1- 8" Gate Valve

0+00.0 ~ Prop. W. Line A
N. 6989717.5570
E. 2501617.0430
Remove Ex. 4" Dia. W.W. Manhole
Construct:
1- 4.0' Dia. W.W. Manhole
Connect Ex. 10" W.W. Out (S)
Connect Ex. 6" W.W. In (W)
Connect Prop. 10" W.W. In (N)

0+39.7 ~ Prop. W. Line A
N. 6989757.2870
E. 2501616.5020
Remove Ex. 4" Dia. W.W. Manhole
Construct:
1- 4.0' Dia. W.W. Manhole
Connect Prop. 10" W.W. Out (S)
Connect Ex. 8" W.W. In (E)
Connect Prop. 10" W.W. In (N)

1+67.9 ~ Prop. W. Line 2 = 0+00.0 ~ Prop. W. Line 2B
N. 6989763.1514
E. 2501629.4509
Install:
1- 8" x 8" Tee
22 LF 8" PVC C900 (DR-14) Water Pipe w/ Class C+ Emb

0+33.3 ~ Prop. W. Line 1
N. 6989628.5236
E. 2501631.2841
Install:
1- 8" Gate Valve

0+22.3 ~ Prop. W. Line 2B
Plug Ex. 6" Water (W)
N. 6989760.2911
E. 2501650.536?
Install:
1- 8" x 6" Reducer
2- 8" 45° Horiz. Bends
1- 8" Gate Valve
Connect to Ex. 6" Water

2+54.2 ~ Prop. W. Line 2 = 5+01.0 ~ Prop. W. Line 1
N. 6989849.4030
E. 2501628.6920
Install:
1- 8" x 8" Tee
1- 8" Gate Valve

0+00.0 ~ Prop. W. Line 2
Connect to Ex. 6" Water
N. 6989597.6500
E. 2501637.2431
Install:
1- 8" x 6" Reducer
2- 8" 45° Horiz. Bends
1- 8" Gate Valve
Plug Ex. 6" Water (N)

0+17.2 ~ Prop. W. Line 2
N. 6989612.4672
E. 2501631.5028
Remove & Deliver Exist. FH
Install:
1- 8"x 6" Tee BBF
1- 6" Gate Valve FMJ
38 LF 6" PVC C900 (DR-14) Water Pipe w/ Class C+ Emb
1- FH as Per DWU Std Dwg *224

0+22.4 ~ Prop. W. Line 2 = 0+00.0 ~ Prop. W. Line 2A
N. 6989617.6573
E. 2501631.4321
Install:
1- 8" x 8" Tee
56 LF 8" PVC C900 (DR-14) Water Pipe w/ Class C+ Emb

3+17.5 ~ Prop. W. Line 1
N. 6989912.7258
E. 2501628.1349
Remove & Deliver Exist. FH
Install:
1- 8"x 6" Tee BBF
1- 6" Gate Valve FMJ
1- 6" 90° Horiz. Bend
29 LF 6" PVC C900 (DR-14) Water Pipe w/ Class C+ Emb
1- FH as Per DWU Std Dwg *224

K111 Ex. 6" Water Built 1936

INSTALL 397 LF 8" PVC (DR-14) C900 WATER PIPE CLASS "C+" EMBEDMENT (MIN. 4.0' COVER)

CP #1

CP #2

Line 1 8" WATER

Line 2 8" WATER

Line 2A

Line 2B

Line A 10" WW

Ex. 10" P.V.C. Wastewater CBK 627 PG.50

Ex. 36" RCP Stm.MH 42IQ-005I Sh. 7

Ex. 30" RCP 42IQ-005I Sh. 8

Ex. 15" RCP

Ex. 6" C.I. Water

Ex. 6" C.I. Water FB. II Pg. 16

FB. 15 Pg. 53

FB. 18 Pg. 1

Ex. 6" C.I. Water Ex. 4" C.I. Water 4110-2686 Sh. 1

Ex. 4" C.I. Water FB. 18 Pg. 3

Ex. 8" C.I. Water FB. 18 Pg. 1

Ex. 6" C.I. Water FB. 18 Pg. 1

Prop. 8" Water, 13' Rt.

Remove Ex. 10" W.W.

10" on 0.25%

10" on 0.34%

Ex. 36" & 30" RCP, 8' Rt.

275 LF of 10" PVC Pressure Rated W.W. Pipe
ASTM D-2241 (SDR-26) D-3139/F-477
Class "B-Id" Embedment

MATCH MARK 2+75 PROP. W.W. LINE A

Ex. Grade

Line A

0+00.0 ~ Prop. W.W. Line A Remove Ex. W.W. Manhole Construct 4'-0" Dia. W.W. Manhole Top Elev - 599.25

0+39.7 ~ Prop. W.W. Line A Remove Ex. W.W. Manhole Construct 4'-0" Dia. W.W. Manhole Top Elev - 599.38

1+67.9 ~ Prop. W.W. Line A Connect Prop. 10" W.W. Line 2B

2+54.2 ~ Prop. W.W. Line A Connect Prop. 10" W.W. Line 1

3+17.5 ~ Prop. W.W. Line A Connect Prop. 10" W.W. Line 1

Ex. 8" C.I. Water

Ex. 6" C.I. Water

Ex. 10" W.W.

Ex. 10" W.W. (S) 599.49
Ex. 6" W.W. (W) 599.55
Ex. 8" W.W. (E) 599.55
Ex. 10" W.W. (N) 599.42

10" Out (S) 599.68
Ex. 6" W.W. (W) 599.68
Ex. 8" W.W. (E) 599.68
Ex. 10" W.W. (N) 599.23

Ex. 10" W.W. (S) 599.67

F.L. 10" 599.84

F.L. 10" 599.01

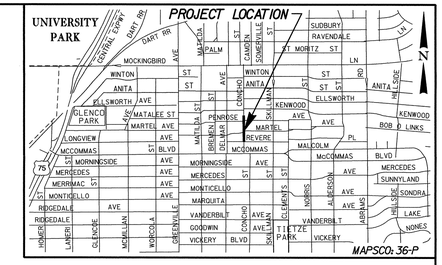
F.L. 10" 599.08

F.L. 10" 593.35

F.L. 10" 593.44

615 610 605 600 595 590 585 580

0+00 1+00 2+00 3+00




NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

CAUTION ~ OVERHEAD LINES !
Overhead Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

CAUTION ~ GAS !
Underground Gas Main In Area Contact ATMOS Energy Corp. Two Working Days Prior To Construction. Call: TEXAS 811 or 811

REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

BENCHMARKS & CONTROL POINTS

**BENCHMARK**
STD.WDBM SET ON STORM SEWER DROP INLET AT THE NORTHEAST CORNER OF THE INTERSECTION OF SKILLMAN ST & KENWOOD AVE.
**ELEV = 596.65**

**CONTROL POINT #1**
"X" SET ON CONCRETE SIDEWALK, ON THE WEST SIDE OF CONCHO STREET. +/- 12.5' SOUTH SOUTHWEST OF POWER POLE.
**N. 6989749.4720; E. 2501600.1910; ELEV = 599.82**

**CONTROL POINT #2**
5/8" IR w/RED CP&Y CAP SET APPROX. 2' FROM BC AT CENTER OF CURB RADIUS ON THE NORTHEAST CORNER OF CONCHO ST & MARTEL AVE.
**N. 6989924.4800; E. 2501637.3420; ELEV = 599.92**

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
29-28W
WASTEWATER
BH H-9, 29-28S, 29-29S

STATE OF TEXAS
ERIC K. KRONER
88551
LICENSED PROFESSIONAL ENGINEER
10/16/20

APM & Associates, Inc.
Engineering · Planning · CM Services
2201 Main Street, Suite 1100
Dallas, TX. 75201 (214) 748-4888
FIRM REG. #3091

CONTRACT NO. 20-425/426 | PID 5828

# 8" WATER & 10" W.W. MAINS

## CONCHO STREET

## REVERE PL. TO ALLEY N. OF PENROSE AVE.

## DALLAS WATER UTILITIES

## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT 2020 | 4110 | 0686 | 3 |

CONSTRUCT 10" WASTEWATER MAIN ALONG SAME HORIZONTAL ALIGNMENT

Remove Ex. 10" W.W. Built Unk

3+06.3 ~ Prop. W.W. Line A
N. 6990023.8140
E. 2501614.1570
Remove Ex. 4" Dia. W.W. Manhole
Construct:
1- 4.0' Dia. W.W. Manhole
Connect Ex. 10" W.W. Out (S)
Connect Ex. 6" W.W. In (W)
Connect Prop. 10" W.W. In (N)

4+61.0 ~ Prop. W. Line 2 ~
0+00.0 ~ Prop. W. Line 2C
N. 6990056.2069
E. 2501626.8725
Install:
1- 8" x 8" Tee
Plug Prop Tee (N)
27' LF 8" PVC C900 (DR-14)
Water Pipe w/ Class 'C' Emb

6+46.6 ~ Prop. W.W. Line A
N. 6990364.1050
E. 2501611.5540
Remove Ex. 4" Dia. W.W. Manhole
Construct:
1- 4.0' Dia. W.W. Manhole
Connect Prop. 10" W.W. Out (S)
Connect Ex. 6" W.W. In (W)
Connect Ex. 6" W.W. In (E)
Plug Ex. 10" W.W. In (N)

6+59.6 ~ Prop. W.W. Line A
Abandon Ex. W.W. Manhole
Per DWU Std. Dwg. #516

NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

CAUTION ~ OVERHEAD LINES !
Overhead Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

CAUTION ~ GAS !
Underground Gas Main In Area Contact ATMOS Energy Corp. Two Working Days Prior To Construction. Call: TEXAS 811 or 811

See 4110-0686 SH 3
MATCH MARK 2+75 PROP. W.W. LINE A
MATCH MARK 3+97 PROP. WATER LINE 1

BLK E/2880
LOT 8
*5928 PENROSE AVE.
FAREY JEFF
INT. 20060069808

BLK G/2882
LOT 7
*5929 PENROSE AVE.
G B A INC.
VOL.9328 Pg.7508

BLK 5/2886
LOT 5
*5930 PENROSE AVE.
PONDT CHELSEA L
INT. 20090005895

PENROSE AVE.

CONCHO ST.

Line A

Line 2

Line 2C

10" WW

8" WATER

Ex. 30" RCP

Ex. 15" RCP

Ex. 6" C.I. Water

Ex. 6" A.C. Water

Ex. 6" Conc. Wastewater

4210-0051 Sh. 8

4110-765 Sh. 1

4110-759 Sh. 1

BLK E/2874
LOT 1
*6003 MARTEL AVE.
FRIEDMANN JAMES B & MANJUSHA SHANKARADAS
INT. 20140046550

LOT 29
*6002 PENROSE AVE.
STAMY MEGAN ERIN
INT. 20160035705

BLK F/2874
LOT 1
*6003 PENROSE AVE.
STONE STEVEN E

BLK 4/2875
LOT 15
*6002 PENROSE AVE.
BOWEN NANCY L & ROBERT E BOWEN
VOL.2004182 Pg.9512

N. 6990059.4519
E. 2501652.5917

0+27.0 ~ Prop. W. Line 2C
Connect to Ex. 4" Water
N. 6990059.4519
E. 2501652.5917
Install:
1- 8" x 4" Reducer
2- 8" 45° Horiz. Bends
1- 8" Gate Valve
Plug Ex. 4" Water (N)

K111 Ex. 6" Water Built 1936

INSTALL 64 LF 8" PVC (DR-14) C900 WATER PIPE CLASS "C" EMBEDMENT (MIN. 4.0' COVER)

Line A

MATCH MARK 2+75 PROP. W.W. LINE A

3+06.3 ~ Prop. W.W. Line A
Remove Ex. W.W. Manhole
Top Elev.=601.46
Invert Elev.=592.46

3+45 ~ Ex. 4" Gas
FL Unknown

4+25 ~ Ex. 6" Water
FL 592.5 ±

4+27 ~ Ex. 15" RCP
FL 592.5

4+65 ~ Ex. 6" Water
FL Unknown

6+38 ~ Ex. 4" Gas
FL Unknown

6+46.6 ~ Prop. W.W. Line A
Remove Ex. W.W. Manhole
Top Elev.=601.46

6+96 ~ Prop. W.W. Line A
Abandon Ex. W.W. Manhole
Top Elev.=596.26
Invert Elev.=582.26

Ex. Grade

Prop. 8" Water, 13' Rt.

Ex. 4" Gas, 5' Lt.

10" on 0.34%

10" on 0.40%

Remove Ex. 10" WW.

30" RCP, 8' Rt.

372 LF of 10" PVC Pressure Rated W.W. Pipe
ASTM D-2241 (SDR-26) D-3139/F-477
Class "B-Id" Embedment

615 610 605 600 595 590 585 580

3+00 4+00 5+00 6+00 7+00

REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

BENCHMARKS & CONTROL POINTS

**BENCHMARK**
STD.WDBM SET ON STORM SEWER DROP INLET AT THE NORTHEAST CORNER OF THE INTERSECTION OF SKILLMAN ST & KENWOOD AVE.
**ELEV = 596.65**

**CONTROL POINT #2**
⅝" IR w/RED CP&I CAP SET APPROX. 2' FROM BC AT CENTER OF CURB RADIUS ON THE NORTHEAST CORNER OF CONCHO ST & MARTEL AVE.
**N. 6985924.4800, E. 2501637.3420, ELEV = 599.92**

**CONTROL POINT #3**
⅝" IR w/RED CP&I CAP SET APPROX. 3.5' NW FROM BC AT CENTER OF RADIUS ON THE NORTHWEST CORNER OF CONCHO ST & PRIMROSE AVE.
**N. 6990206.7320, E. 2501592.9960, ELEV=601.34**

Horizontal Scale: 1" = 20'
0' 20' 40'

Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
29-28W
WASTEWATER
BH H-9, 29-28S, 29-29S

STATE OF TEXAS
ERIC K. KRONER
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LICENSED
PROFESSIONAL ENGINEER
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FIRM REG. #3091

CONTRACT NO. 20-425/426 | PID 5828

# 8" WATER & 10" W.W. MAINS

## CONCHO STREET

## REVERE PL. TO ALLEY N. OF PENROSE AVE.

## DALLAS WATER UTILITIES

## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT 2020 | 4110 | 0686 | 4 |

**CONSTRUCT 24" WASTEWATER MAIN**
**Along New Horizontal Alignment**
**By Other Than Open Cut**

**CONSTRUCT 8" & 24" WASTEWATER MAIN**
**Along New Horizontal Alignment**
**By Open Cut**

325 ACRES
6600 EASTRIDGE Dr.
KHUSROO MUSRAT A
INST.# 20070328186

EASTRIDGE DR.
VARIABLE WIDTH ROW

SKILLMAN ST.
VARIABLE WIDTH ROW

MELODY LANE
VARIABLE WIDTH ROW

LINE "A" PID 4924

-24" WW

-8" WW

MATCH MARK 3+50 PROP. LINE "A" W.W.

SEE 4110-1770 SH 6+30

ST A 0+36.5,~ 8" WW
N 7001661.90
E 2505889.84
Remove Ex. 4.0' Dia. W.W. Manhole
Construct:
1- 4' Dia. W.W. Manhole
Connect Ex. 8" In (N)
Connect Ex. 8" In (NW)
Connect Prop. 8" Out (SE)

ST A 2+96.97,~ 24" W.W.
ST A 0+00,~ 8" WW
N 7001648.60
E 2505923.85
Construct:
1- 5' Dia. W.W. Manhole
Connect Prop. 24" In (SW)
Connect Prop. 24" Out (SE)
Connect Prop. 8" In (NW)

ST A 1+73.53,~ 24" W.W.
Δ = 03°40'26" RT.
N 7001536.38
E 2505975.27
Remove Ex. 4.0' Dia. W.W. Manhole
Construct:
1- 5' Dia. W.W. Manhole
Connect Prop. 24" In (NW)
Connect Prop. 24" Out (SE)
Connect Ex. 18" In (SW)

ST A 0+00.00 ~ 24" W.W.
N 7001383.58
E 2506057.53
Connect To:
5' Dia. W.W. Manhole
Connect Prop. 24" In (NW)

CUT & PLUG EXIST. 18" WW

CUT & PLUG EXIST. 8" WW

See Sheets 4110-1770 Sht 642 for Line "B" 8" WW Profile

SPLIT A
6001 SKILLMAN ST.
RC TIMBER CREEK RIDGAN LP
INST.# 201100307869

Ex. 24" Wastewater 4110 1770 Sh 569

Ex. 8" Wastewater 4110 1770 Sh 599 (1999)

Ex. 8" Wastewater 4110 1770 Sh 4 (1954)

Ex. 8" W.W. (Abandoned 2018)

Ex. 8" Cl Water FB 150 PG. 28

Ex. 12" DI Water No FB

Ex. 12" ECI Water FB 388 PG. 10

Ex. 24" RCP Storm 4210 123 Sh A

Ex. 72" RCP

Ex. Concrete Pavement

Ex. Retaining Wall

Ex. Chainlink Fence

Ex. Wrought Iron Fence

74.9' ROW

17.6'

14.3'

MAPSCO: 26-T, U, Y & Z

PROJECT LOCATION

**CAUTION ~ TELEPHONE !**
Underground Telephone Cables In Area
Contact S.B.C. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ FIBER OPTIC !**
Underground Fiber Optic Cables In Area
Contact Fiber Optic Co. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ POWER !**
Underground Electrical Cables In Area
Contact TXU Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ GAS !**
Underground Gas Main In Area
Contact ATMOS Energy Corp. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377 / 1-800-545-6005

**CAUTION**
**Advanced Metering Infrastructure (AMI) Meters In Area**
AMI Components Shall be Disconnected, Reconnected, Removed, or Installed by DWU Personnel ONLY.
Contact DWU Meter Reading Operations (MRO) 5 working days in advance.
Tel: 214-670-3533
Email: DWUMROdallascityhall.com

EASTRIDGE DR.

515 510 505 500 495 490 485 480 475 470 465

SEE 4110-1770 SH 630 MATCH MARK 3+50 PROP. LINE "A" W.W.

Ex. Concrete Pavement

Bridge

FL = 493.36

FL = 497.87

EX. 1" WATER (32' LT)

EX. 8" WW (18' LT)

24" ON 1.20%

24" ON 1.72%

24" ON 0.08%

Grout Fill

297 L.F. 24" PVC Wastewater Pipe
Pressure Rating 165 psi
ASTM C-905 (DR 25) / D-3139
BY OTHER THAN OPEN CUT (B.O.T.O.C.)

53 L.F. 24" PVC Wastewater Pipe
Pressure Rating 165 psi
ASTM C-905 (DR 25) / D-3139
Class "B-2.0" Embedment

3+00 2+00 1+00

| REVISIONS | | | |
|---|---|---|---|
| REV NO. | DATE | DESCRIPTION | BY |
| 1 | | | |
| 2 | | | |

**BENCHMARKS & CONTROL POINTS**

BM 1: BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.
Elev. 575.6300

BM 2: STD. WDBM In Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive.
Elv. 541.5304

HORIZONTAL CONTROL

| POINT NO. | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| CP-5 | 7001683.854 | 2505967.006 | 496.615 ft. | "X" CUT SET |
| CP-6 | 7001681.882 | 2505458.074 | 506.503 ft. | "X" CUT SET |
| CP-7 | 7001779.195 | 2505178.724 | 517.909 ft. | "X" CUT SET |

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

**REFERENCES**
**WATER**
22W-28, 22W-29, 23W-29, & 23W-30
**WASTEWATER**
22S-28, 22S-29, 23S-29, & 23S-30

BDS Technologies, Inc.
Texas Registered Engineering Firm
F-4025

STATE OF TEXAS
ALFRED D. BADMUS
83080
LICENSED PROFESSIONAL ENGINEER
11/20/20

BDS Technologies, Inc.
1320 Regency Street, Suite 3.246
Dallas, Texas 75230
Texas Board of Professional Engineers Reg. # 4025

CONTRACT NO. 20-425/426 | PID: 4924

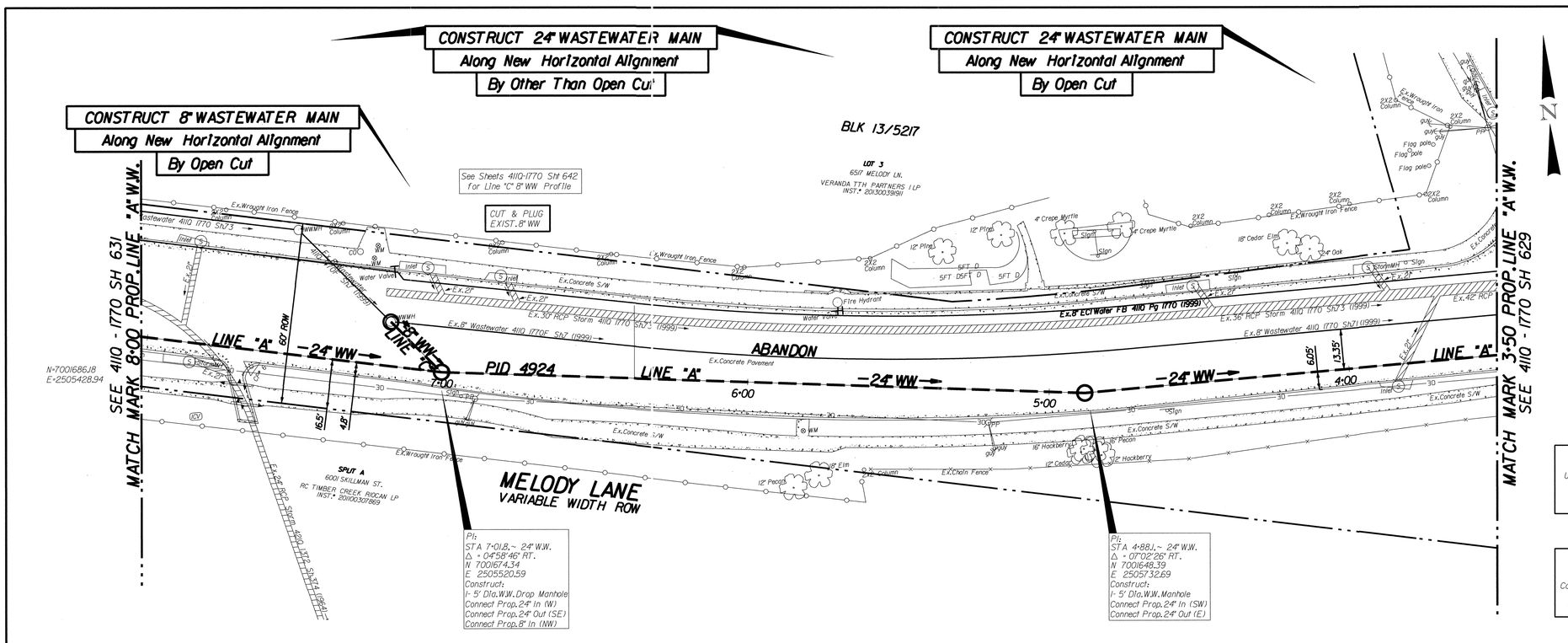
# PROPOSED 24" WASTEWATER
## MELODY LANE
## FROM SHADYBROOK LN
## TO EASTRIDGE DR
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

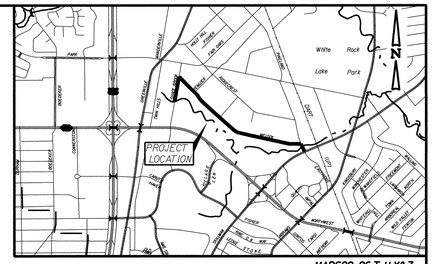
| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| BDS | BDS | NOV 2020 | 4110 | 1770 | 629 |

CONSTRUCT 24" WASTEWATER MAIN
Along New Horizontal Alignment
By Other Than Open Cut

CONSTRUCT 24" WASTEWATER MAIN
Along New Horizontal Alignment
By Open Cut

CONSTRUCT 8" WASTEWATER MAIN
Along New Horizontal Alignment
By Open Cut




**CAUTION ~ TELEPHONE !**
Underground Telephone Cables In Area
Contact S.B.C. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ FIBER OPTIC !**
Underground Fiber Optic Cables In Area
Contact Fiber Optic Co. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ POWER !**
Underground Electrical Cables In Area
Contact TXU Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ GAS !**
Underground Gas Main In Area
Contact ATMOS Energy Corp. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377/1-800-545-6005

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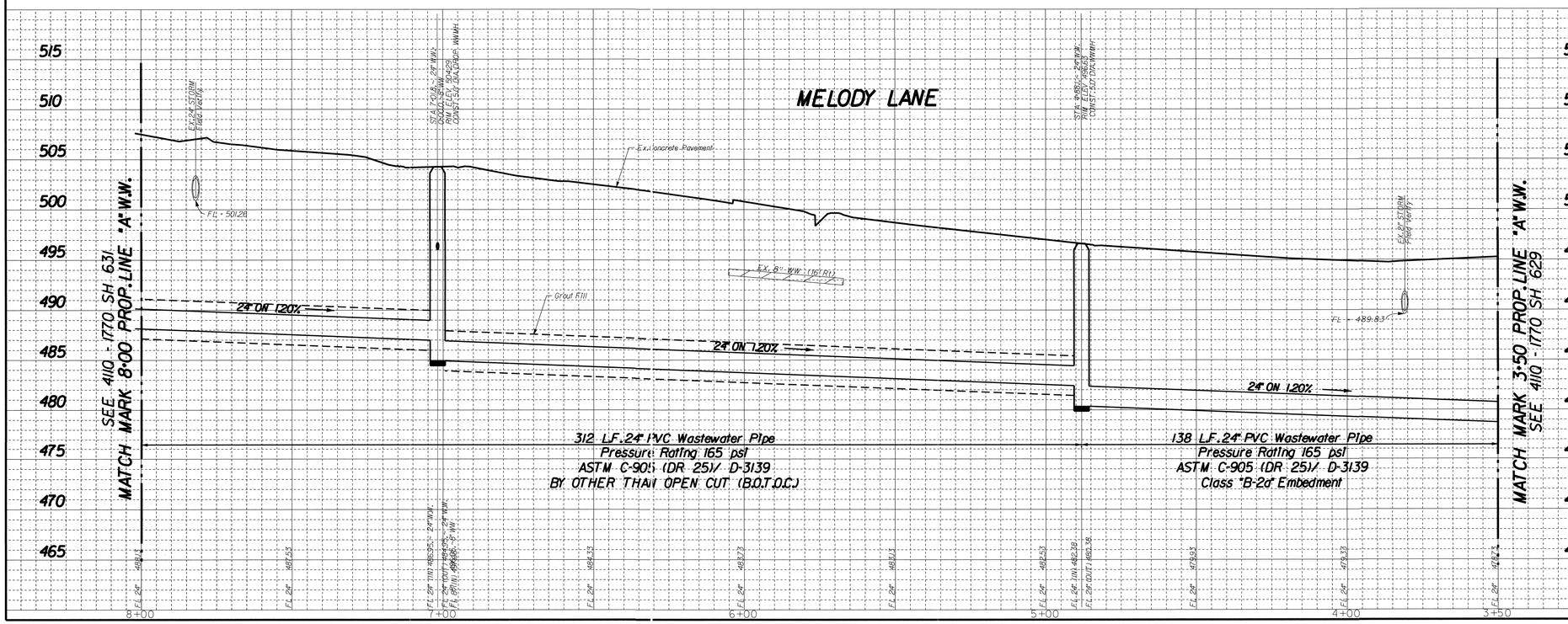



## REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

## BENCHMARKS & CONTROL POINTS

BM 1: BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.
Elev. 575.6300

BM 2: STD.WDBM In Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive.
Elv. 541.5304

HORIZONTAL CONTROL

| POINT NO. | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| CP-6 | 7001681.882 | 2505458.074 | 506.503 ft. | "X" CUT SET |
| CP-7 | 7001779.195 | 2505187.824 | 517.909 ft. | "X" CUT SET |
| CP-8 | 7001788.783 | 2504928.863 | 520.938 ft. | "X" CUT SET |

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

BDS Technologies, Inc.
Texas Registered Engineering Firm F-4025

STATE OF TEXAS
JADREED D. RADMUS
83962
LICENSED PROFESSIONAL ENGINEER
11/20/20

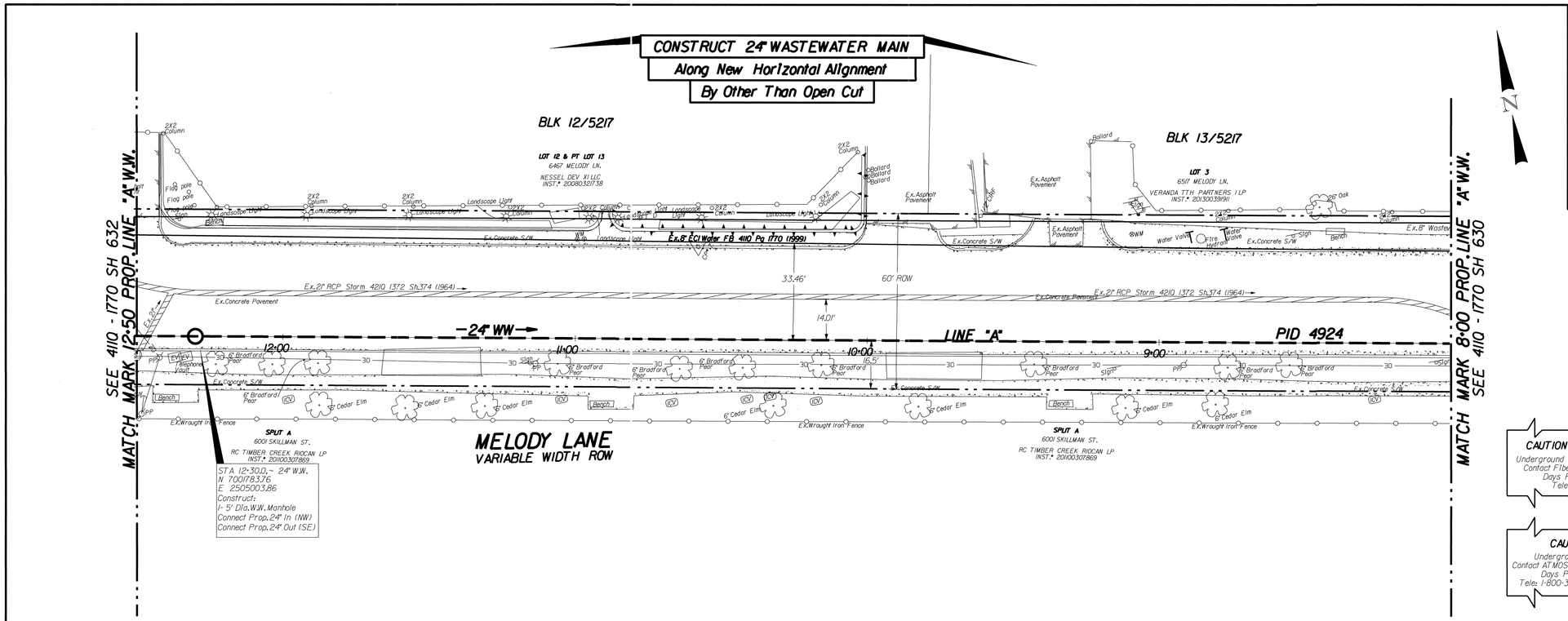
**REFERENCES**
WATER
22W-28, 22W-29, 23W-29, & 23W-30
WASTEWATER
22S-28, 22S-29, 23S-29, & 23S-30

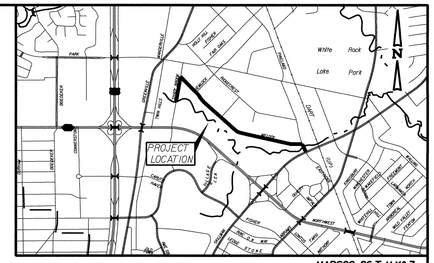
BDS Technologies, Inc.
1111 Corporate Dr. Suite 200
Dallas, Texas 75234
Texas Board of Professional Engineers Firm Registration No. F-4402

CONTRACT NO. 20-425/426 | PID: 4924

# PROPOSED 24" WASTEWATER
## MELODY LANE
## FROM SHADYBROOK LN
## TO EASTRIDGE DR
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| BDS | BDS | NOV 2020 | 4110 | 1770 | 630 |




MAPSCO: 26-T,U,Y&Z

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Days Prior To Construction.
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**CAUTION ~ FIBER OPTIC !**
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Contact Fiber Optic Co. Two Working
Days Prior To Constuction.
Tele: 1-800-344-8377

**CAUTION ~ POWER !**
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Contact TXU Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ GAS !**
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Contact ATMOS Energy Corp. Two Working
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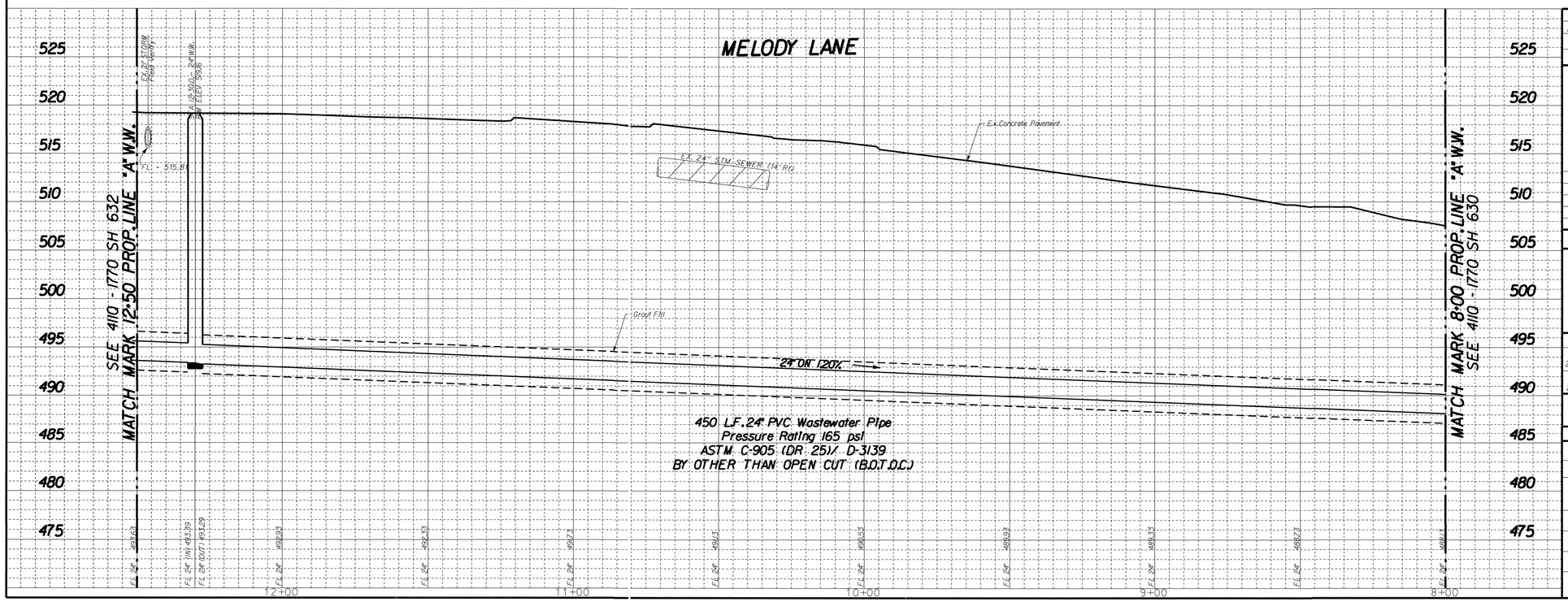


## REVISIONS

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| 2 | | | |

## BENCHMARKS & CONTROL POINTS

BM 1: BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.
Elev. 575.6300

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Elv. 541.5304

HORIZONTAL CONTROL

| POINT NO. | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| CP-7 | 7001779.195 | 2505178.724 | 517.909 ft. | "X" CUT SET |
| CP-8 | 7001788.783 | 2504928.863 | 520.938 ft. | "X" CUT SET |
| CP-9 | 7001938.381 | 2504447.717 | 532.228 ft. | "X" CUT SET |

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

**REFERENCES**
**WATER**
22W-28, 22W-29, 23W-29, & 23W-30
**WASTEWATER**
22S-28, 22S-29, 23S-29, & 23S-30

BDS Technologies, Inc.
Texas Registered Engineering Firm
F-4025

STATE OF TEXAS
TAOREED O. BADMUS
83680
PROFESSIONAL ENGINEER

11/20/20

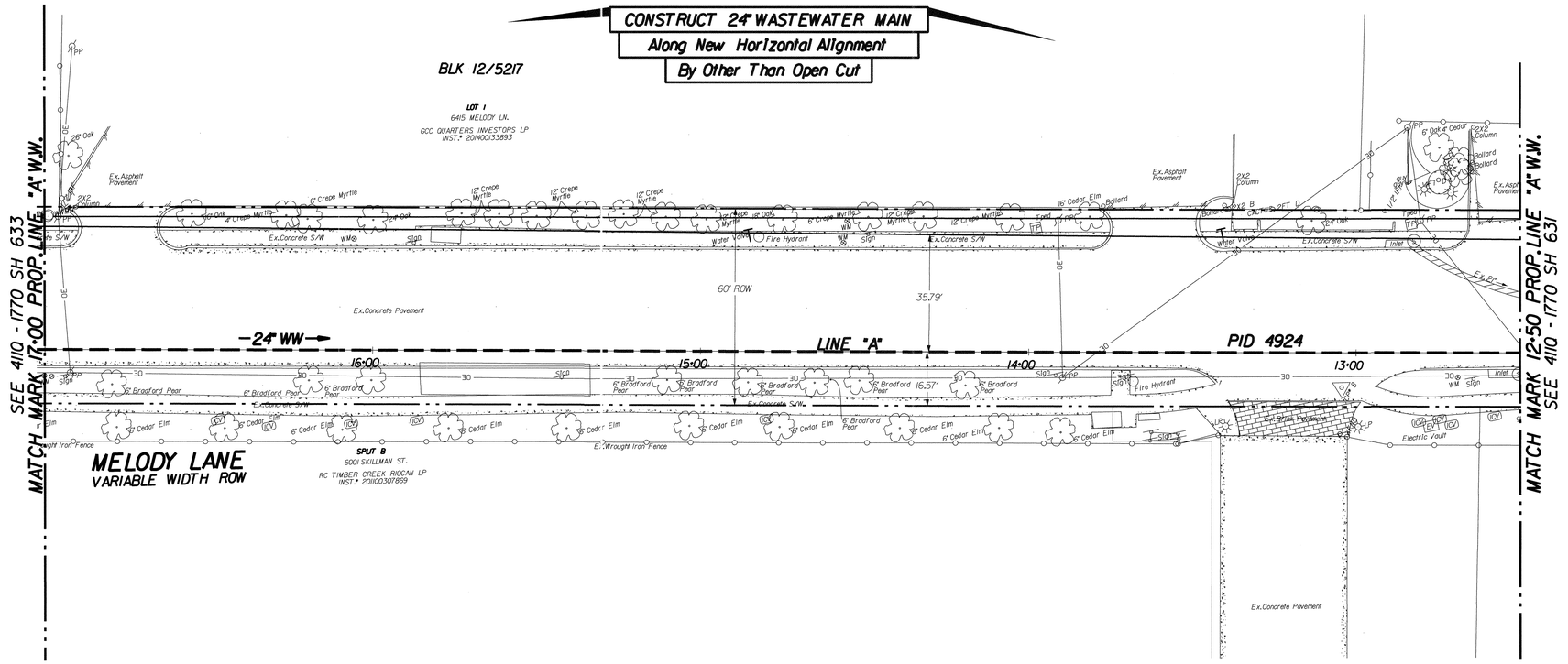
BDS Technologies, Inc.
Engineers, Surveyors, Architects, Planners
BDS Technologies, Inc.
11333 Pagnon Street, Suite 200
Dallas, Texas 75230
Texas Board of Professional Engineers Firm Registration No. F-4025

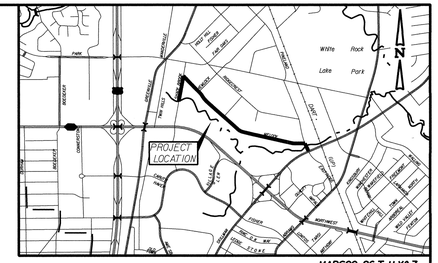
CONTRACT NO. 20-425/426 | PID: 4924

# PROPOSED 24" WASTEWATER
## MELODY LANE
## FROM SHADYBROOK LN TO EASTRIDGE DR
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| BDS | BDS | NOV 2020 | 4110 | 1770 | 631 |

# CONSTRUCT 24" WASTEWATER MAIN
## Along New Horizontal Alignment
## By Other Than Open Cut




**CAUTION ~ TELEPHONE !**
Underground Telephone Cables In Area
Contact S.B.C. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ FIBER OPTIC !**
Underground Fiber Optic Cables In Area
Contact Fiber Optic Co. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ POWER !**
Underground Electrical Cables In Area
Contact T.X.U. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ GAS !**
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Days Prior To Construction.
Tele: 1-800-344-8377 / 1-800-545-6005

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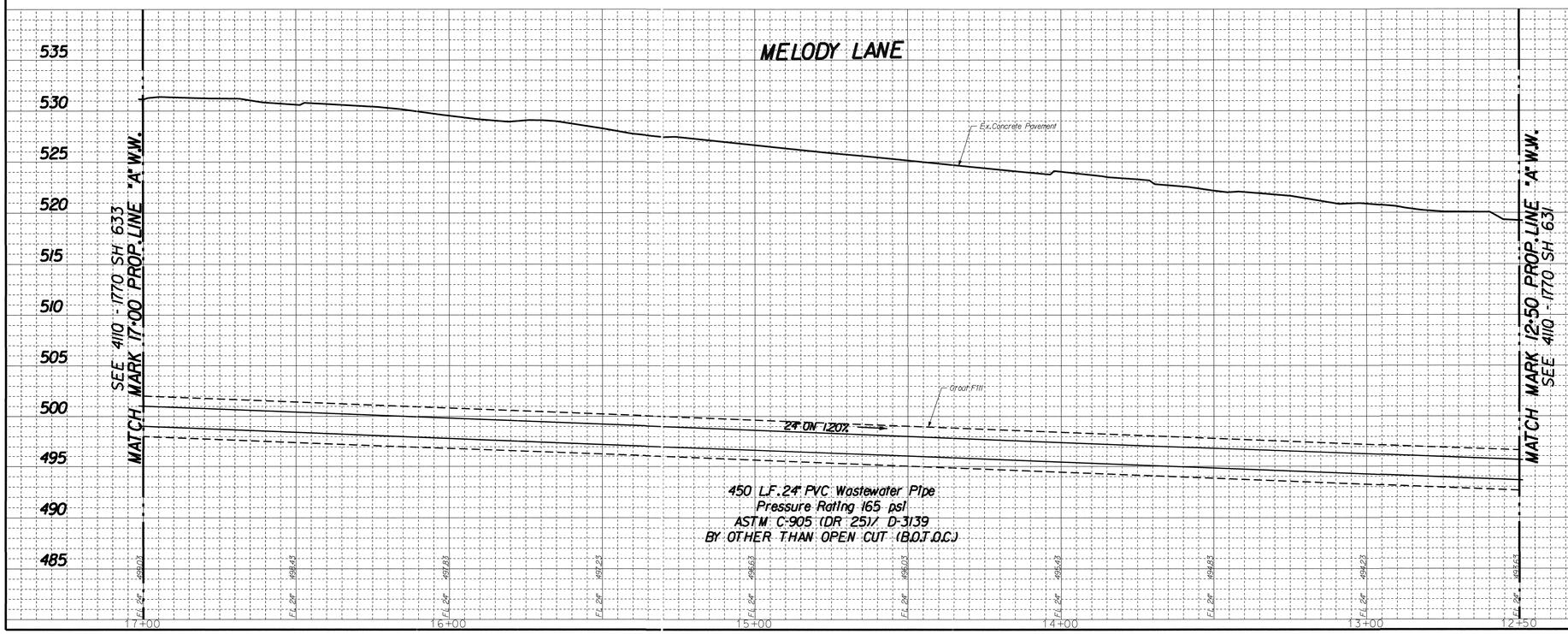



### REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

### BENCHMARKS & CONTROL POINTS

BM 1: BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.
Elev. 575.6300

BM 2: STD.WDBM In Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive.
Elv. 541.5304

HORIZONTAL CONTROL

| POINT NO. | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| CP-8 | 7001788.783 | 2504928.863 | 520.938 ft. | "X" CUT SET |
| CP-9 | 7001938.381 | 2504447.717 | 532.228 ft. | "X" CUT SET |
| CP-10 | 7002042.28 | 2503953.199 | 536.412 ft. | "X" CUT SET |

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

**REFERENCES**
**WATER**
22W-28, 22W-29, 23W-29, & 23W-30
**WASTEWATER**
22S-28, 22S-29, 23S-29, & 23S-30

BDS Technologies, Inc.
Texas Registered Engineering Firm F-4025




11/20/20

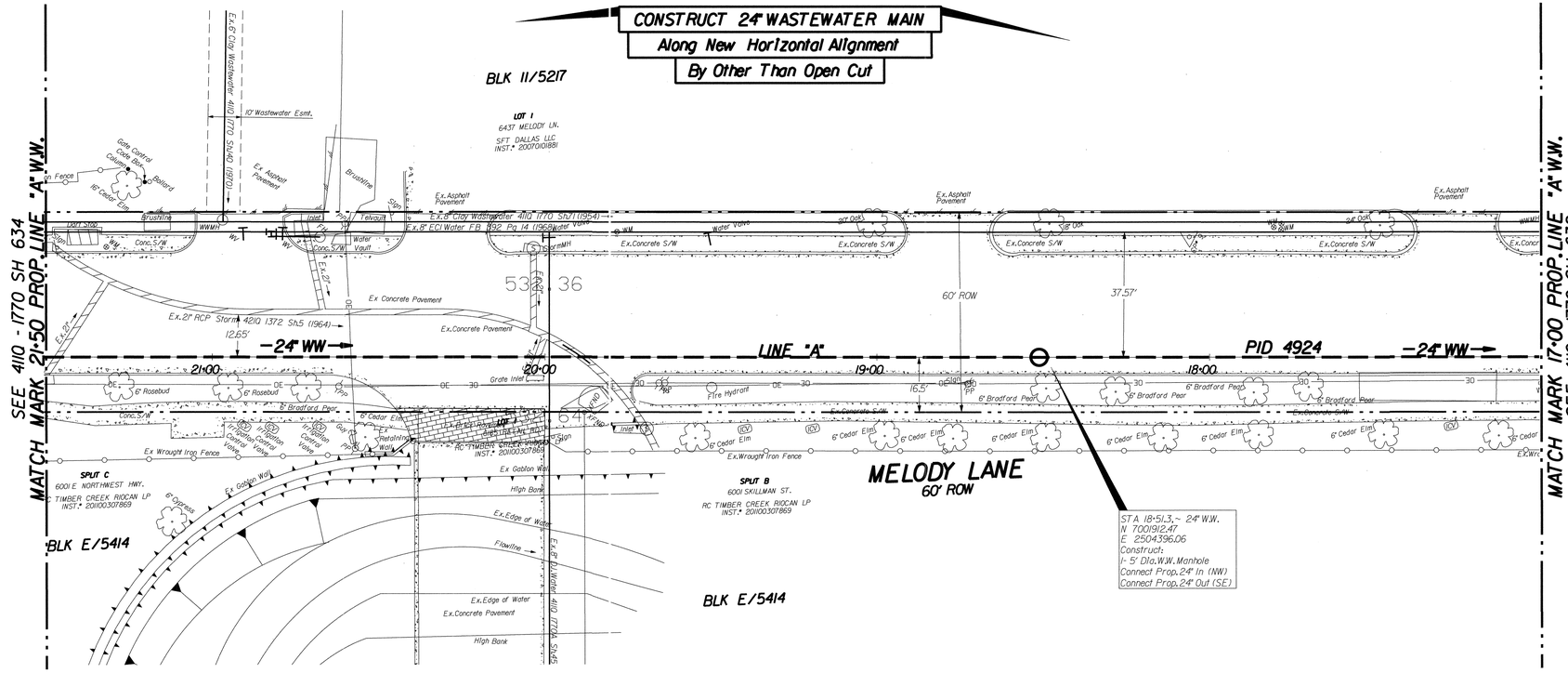
BDS Technologies, Inc.
Highway Systems Engineering Service
BDS Technologies, Inc.
1111 Corporate Dr. Suite 200
Dallas, Texas 75126
Texas Board of Professional Engineers Firm Registration No. F-4025

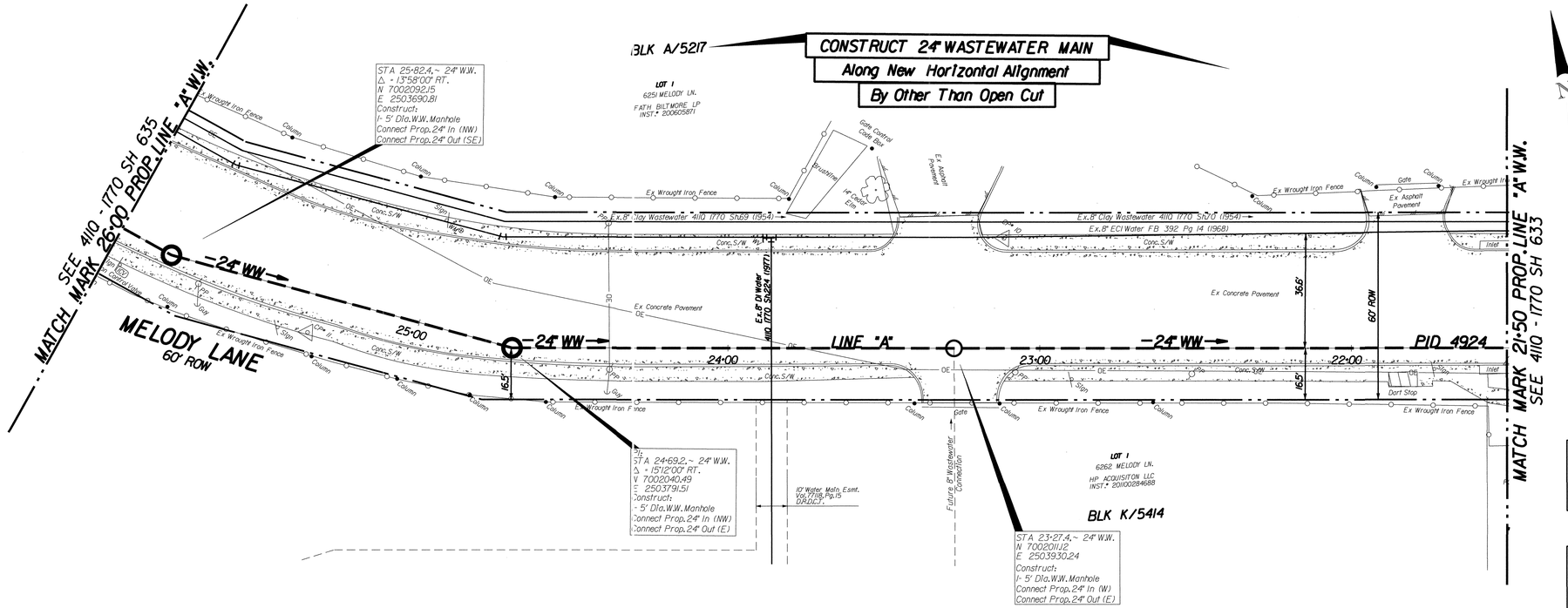
**CONTRACT NO. 20-425/426** | **PID: 4924**

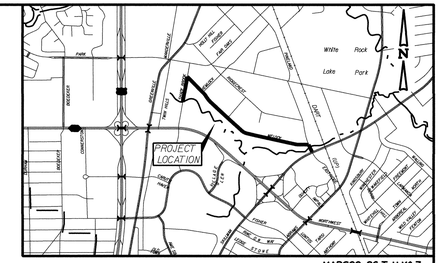
# PROPOSED 24" WASTEWATER
## MELODY LANE
## FROM SHADYBROOK LN
## TO EASTRIDGE DR
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| BDS | BDS | NOV 2020 | 4110 | 1770 | 632 |

# CONSTRUCT 24" WASTEWATER MAIN
## Along New Horizontal Alignment
## By Other Than Open Cut


SEE 4110 - 1770 SH 634
MATCH MARK 21+50 PROP. LINE "A" W.W.
MATCH MARK 17+00 PROP. LINE "A" W.W.
SEE 4110 - 1770 SH 632
BLK 11/5217
LOT 1
6437 MELODY LN.
SFT DALLAS LLC
INST.# 20070001881
BLK E/5414
SPLIT C
6001 E. NORTHWEST HWY.
RC TIMBER CREEK RIOCAN LP
INST.# 20110307869
SPLIT B
6001 SKILLMAN ST.
RC TIMBER CREEK RIOCAN LP
INST.# 20110307869
MELODY LANE
60' ROW
-24" WW-
LINE "A"
PID 4924
21+00
20+00
19+00
18+00
60' ROW
37.57'
16.5'
12.65'
53.36
64.31
STA 18+51.3, ~ 24" W.W.
N 7001912.47
E 2504396.06
Construct:
1- 5' Dia.W.W. Manhole
Connect Prop. 24" In (NW)
Connect Prop. 24" Out (SE)
10' Wastewater Esmt.
Ex. 8" Clay Wastewater 4110 1770 Sh.1 (1954)
Ex. 8" ECI Water F.B. 192 Pg. 14 (1962)
Ex. 21" RCP Storm 4210 1372 Sh.5 (1964)
Ex. Concrete Pavement
Ex. Asphalt Pavement
Ex. Concrete S/W
Ex. Wrought Iron Fence
Ex. Gabion Wall
Ex. Edge of Water
Ex. Bar Ditch
Flowline
High Bank
Water Vault
Grate Inlet
Curb Inlet
Fire Hydrant
Irrigation Control Valve
Retaining Wall
Gate Control Tooth Bar
Bollard
Brushline
Light Stop
Sign
Ex. Cypress
6' Rosebud
6' Bradford Pear
6' Cedar Elm
16" Cedar Elm
Ex. 12" Water
Ex. 8" Water
Ex. 8" Sanitary Sewer
Ex. 24" Storm Sewer
Ex. 27"
Ex. 30"
Ex. 36"
Ex. 42"
Ex. 54"
Ex. 60"
Ex. 66"
Ex. 72"
Ex. 84"
Ex. 96"
Ex. 108"
Ex. 120"
Ex. 144"
Ex. 168"
Ex. 192"
Ex. 216"
Ex. 240"
Ex. 264"
Ex. 288"
Ex. 312"
Ex. 336"
Ex. 360"
Ex. 384"
Ex. 408"
Ex. 432"
Ex. 456"
Ex. 480"
Ex. 504"
Ex. 528"
Ex. 552"
Ex. 576"
Ex.




MAPSCO: 26-T,U,Y&Z

**CAUTION ~ TELEPHONE !**
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Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ FIBER OPTIC !**
Underground Fiber Optic Cables In Area
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Tele: 1-800-344-8377

**CAUTION ~ POWER !**
Underground Electrical Cables In Area
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Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ GAS !**
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Days Prior To Construction.
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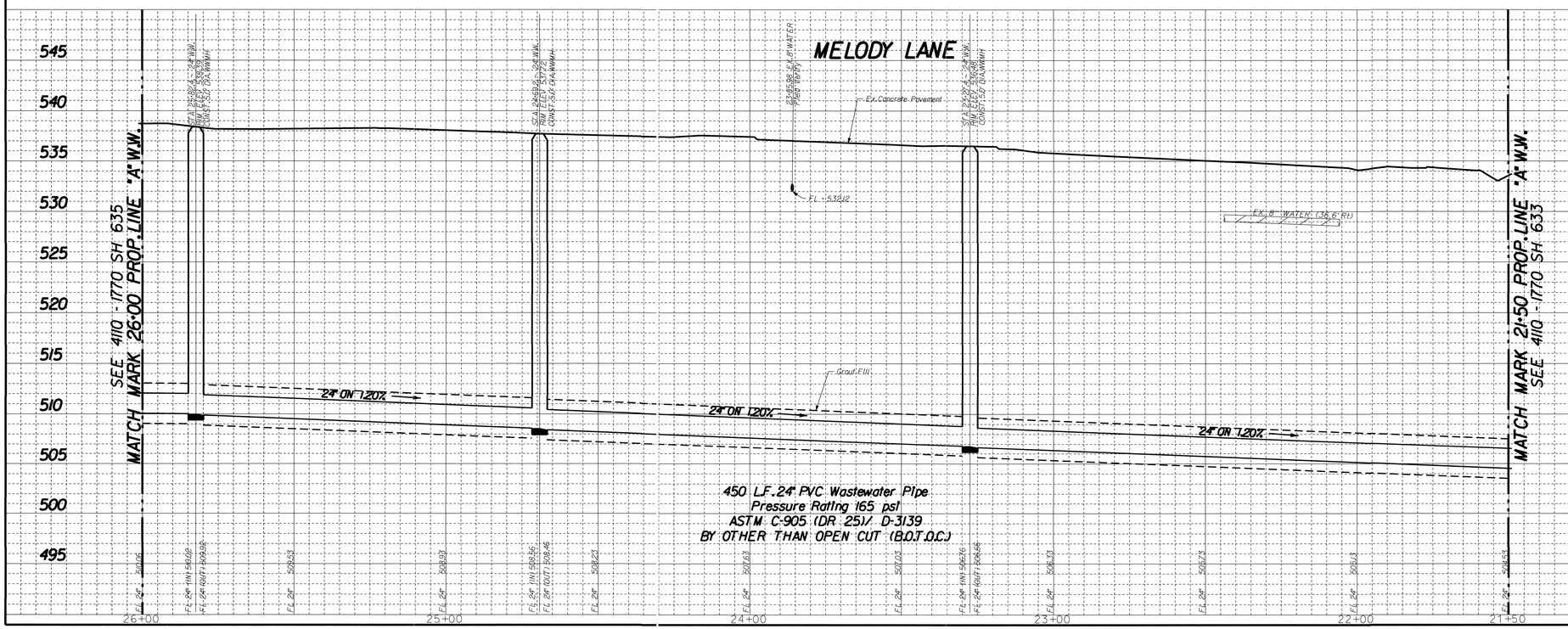


450 L.F. 24" PVC Wastewater Pipe
Pressure Rating 165 psi
ASTM C-905 (DR 25)/ D-3139
BY OTHER THAN OPEN CUT (B.O.T.O.C.)

| REVISIONS | | | |
|---|---|---|---|
| REV NO. | DATE | DESCRIPTION | BY |
| 1 | | | |
| 2 | | | |

**BENCHMARKS & CONTROL POINTS**

BM 1: BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.
Elev. 575.6300

BM 2: STD.WDBM In Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive.
Elv. 541.5304

HORIZONTAL CONTROL

| POINT NO. | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| CP-10 | 7002042.28 | 2503953.199 | 536.412 ft. | "X" CUT SET |
| CP-11 | 7002058.912 | 2503728.442 | 538.525 ft. | "X" CUT SET |
| CP-12 | 7002220.553 | 2503534.249 | 539.038 ft. | "X" CUT SET |

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

**REFERENCES**
**WATER**
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**WASTEWATER**
22S-28, 22S-29, 23S-29, & 23S-30

BDS Technologies, Inc.
Texas Registered Engineering Firm
F-4025

STATE OF TEXAS
TRACY D. DENNIS
83008
LICENSED
PROFESSIONAL ENGINEER
11/20/20

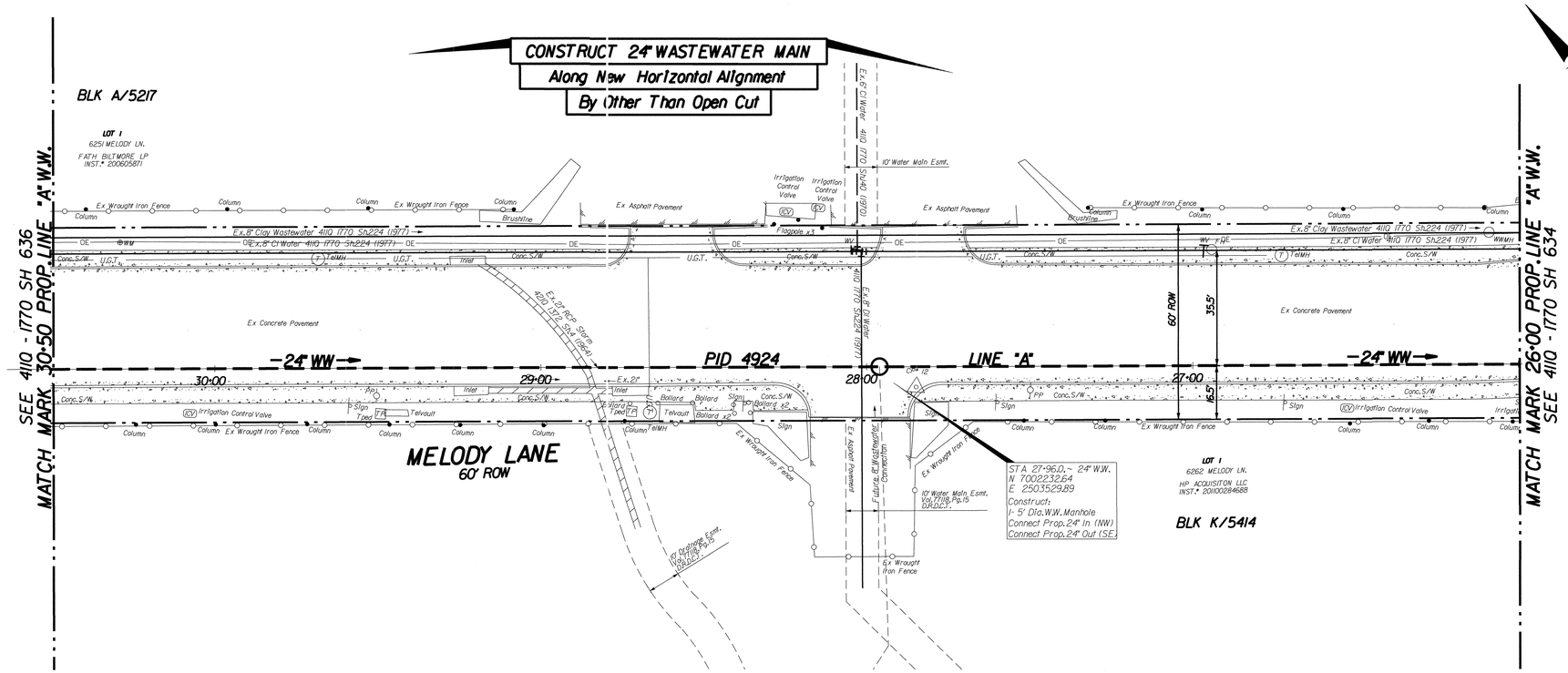
BDS Technologies, Inc.
Water Systems Engineering Service
BDS Technologies, Inc. 2
1111 Corporate Dr. Suite 200
Dallas, Texas 75234
Texas Board of Professional Engineers Firm Registration No. F-4025

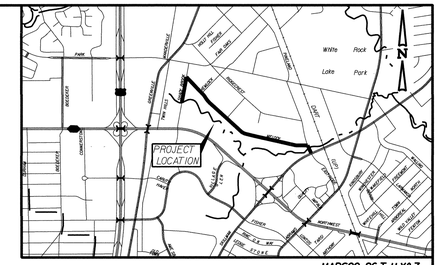
CONTRACT NO. 20-425/426 | PID: 4924

# PROPOSED 24" WASTEWATER
## MELODY LANE
## FROM SHADYBROOK LN
## TO EASTRIDGE DR
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| BDS | BDS | NOV 2020 | 4110 | 1770 | 634 |

# CONSTRUCT 24" WASTEWATER MAIN
## Along New Horizontal Alignment
## By Other Than Open Cut




MAPSCO: 26-T, U, Y & Z

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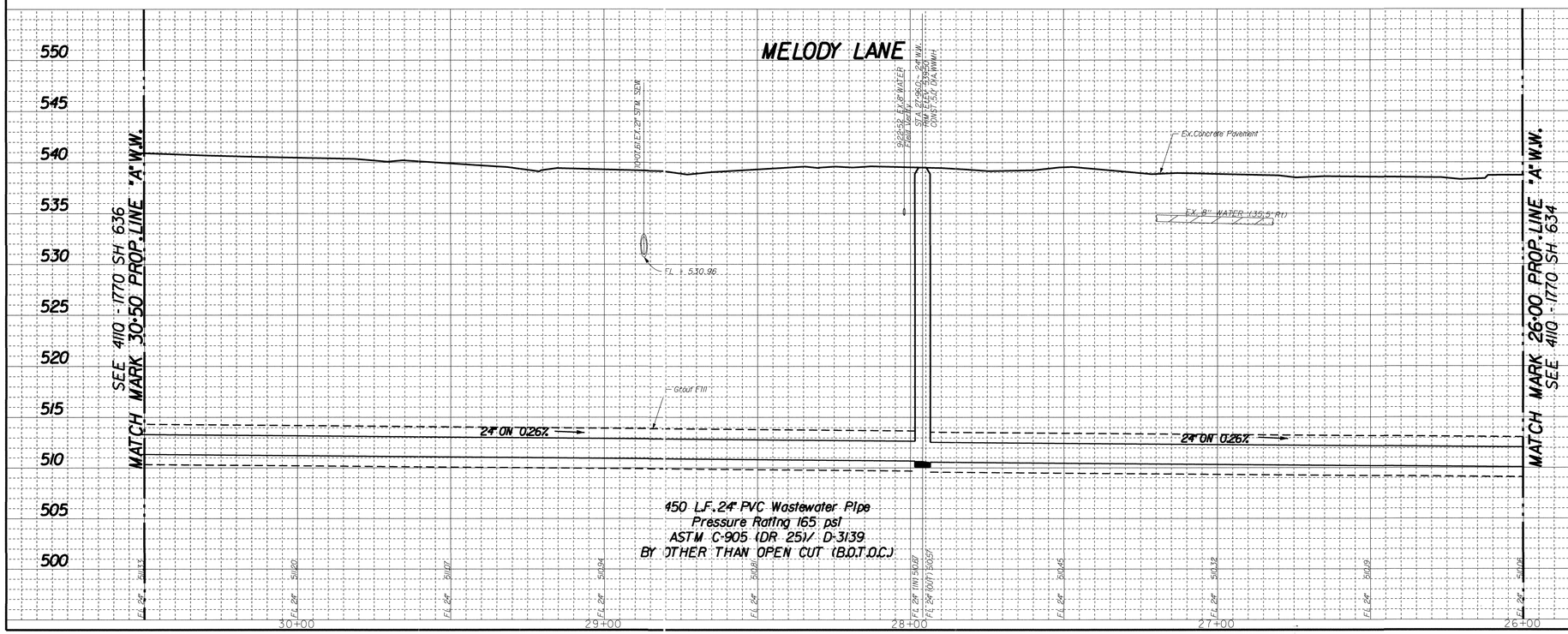
Tel: 214-670-5537
Email: DWUMROdallascityhall.com




450 L.F. 24" PVC Wastewater Pipe
Pressure Rating 165 psi
ASTM C-905 (DR 25) / D-3139
BY OTHER THAN OPEN CUT (B.O.T.O.C.)

### REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

### BENCHMARKS & CONTROL POINTS

BM 1: BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.
Elev. 575.6300

BM 2: STD.WDBM In Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive.
Elv. 541.5304

HORIZONTAL CONTROL

| POINT NO. | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| CP-11 | 7002058.912 | 2503728.442 | 538.525 ft. | "X" CUT SET |
| CP-12 | 7002220.553 | 2503534.249 | 539.038 ft. | "X" CUT SET |
| CP-13 | 7002649.084 | 2503100.878 | 544.128 ft. | "X" CUT SET |

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

**REFERENCES**
**WATER**
22W-28, 22W-29, 23W-29, & 23W-30
**WASTEWATER**
22S-28, 22S-29, 23S-29, & 23S-30

BDS Technologies, Inc.
Texas Registered Engineering Firm F-4025

STATE OF TEXAS
TARREED D. BADMUS
83089
REGISTERED PROFESSIONAL ENGINEER
11/20/20

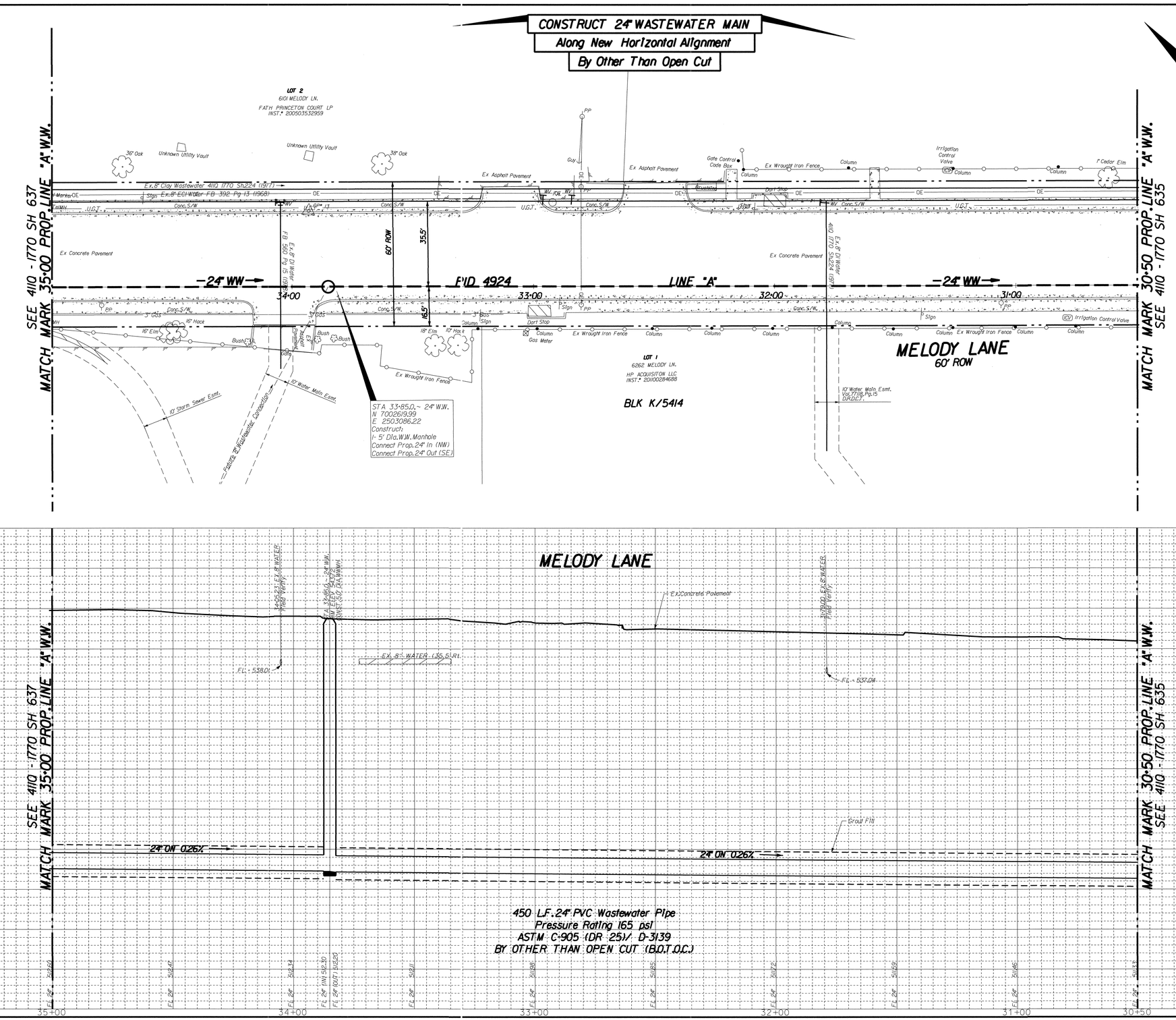
BDS Technologies, Inc.
1120 Empire Central Place, Suite 110
Dallas, Texas 75247
Texas Board of Professional Engineers Registration No. F-4025

CONTRACT NO. 20-425/426 | PID: 4924

# PROPOSED 24" WASTEWATER
## MELODY LANE
## FROM SHADYBROOK LN
## TO EASTRIDGE DR
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| BDS | BDS | NOV 2020 | 4110 | 1770 | 635 |

# CONSTRUCT 24" WASTEWATER MAIN
## Along New Horizontal Alignment
## By Other Than Open Cut




| REVISIONS | | | |
|---|---|---|---|
| REV NO. | DATE | DESCRIPTION | BY |
| 1 | | | |
| 2 | | | |

### BENCHMARKS & CONTROL POINTS

BM 1: BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.
Elev. 575.6300

BM 2: STD.WDBM 1n Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive.
Elv. 541.5304

HORIZONTAL CONTROL

| POINT NO. | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| CP-12 | 7002220.553 | 2503534.249 | 539.038 ft. | "X" CUT SET |
| CP-13 | 7002649.084 | 2503100.878 | 544.128 ft. | "X" CUT SET |
| CP-14 | 7002808.38 | 2502924.824 | 546.507 ft. | "X" CUT SET |

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

**REFERENCES**
**WATER**
22W-28, 22W-29, 23W-29, & 23W-30
**WASTEWATER**
22S-28, 22S-29, 23S-29, & 23S-30

BDS Technologies, Inc.
Texas Registered Engineering Firm
F-4025

STATE OF TEXAS
FAREED D. BADMUS
83084
REGISTERED
ENGINEER
11/20/20

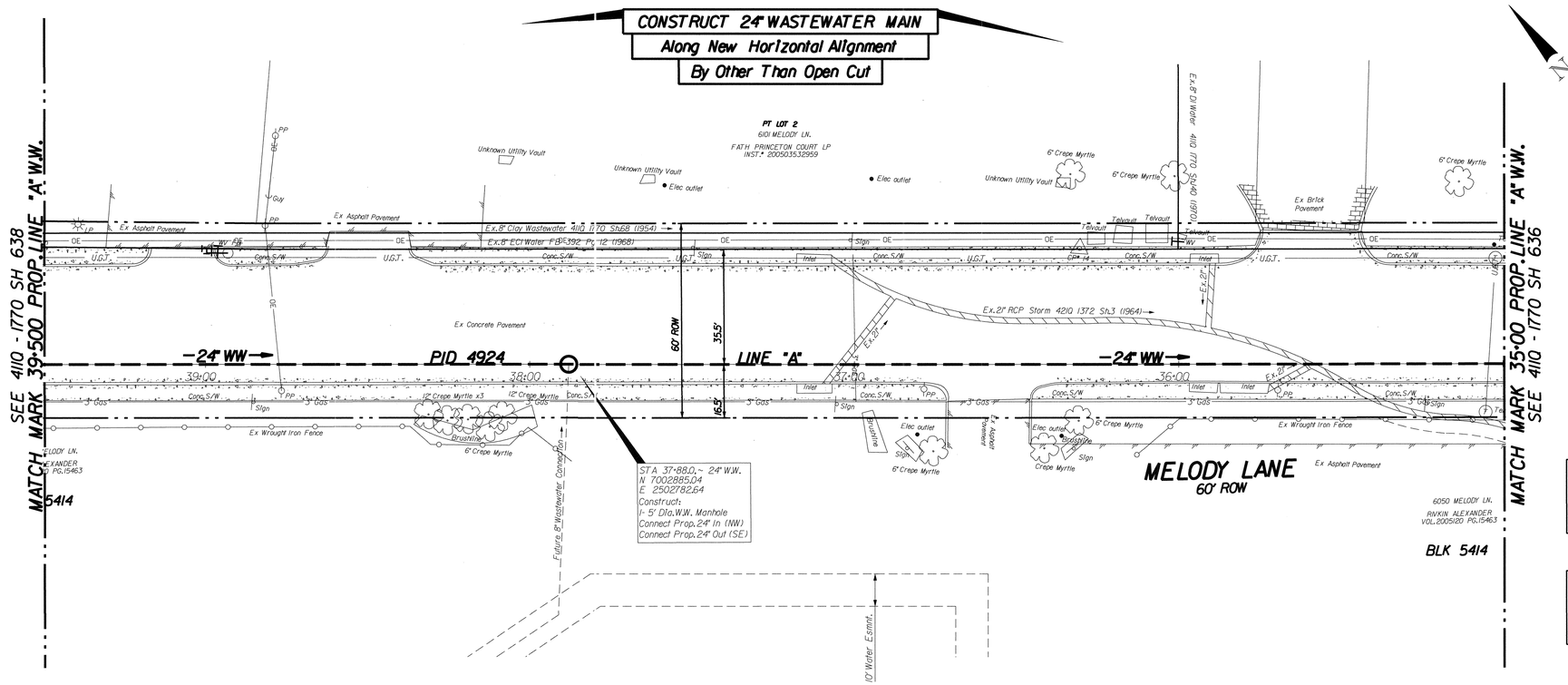
BDS Technologies, Inc.
1111 Corporate Dr. Suite 200
Dallas, Texas 75229
Texas Board of Professional Engineers Firm Registration No. F-4025

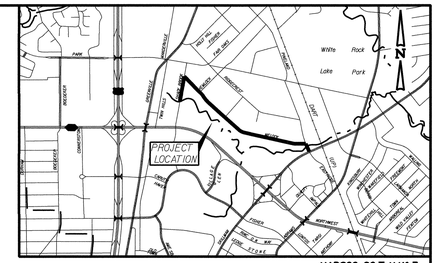
CONTRACT NO. 20-425/426 | P.I.D. 4924

# PROPOSED 24" WASTEWATER
## MELODY LANE
## FROM SHADYBROOK LN
## TO EASTRIDGE DR
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| BDS | BDS | NOV 2020 | 4110 | 1770 | 636 |

## CONSTRUCT 24" WASTEWATER MAIN
## Along New Horizontal Alignment
## By Other Than Open Cut




MAPSCO: 26-T,U,Y&Z

**CAUTION ~ TELEPHONE !**
Underground Telephone Cables In Area
Contact S.B.C. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ FIBER OPTIC !**
Underground Fiber Optic Cables In Area
Contact Fiber Optic Co. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ POWER !**
Underground Electrical Cables In Area
Contact TXU Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ GAS !**
Underground Gas Main In Area
Contact ATMOS Energy Corp. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377 / 1-800-545-6005

**CAUTION**
**Advanced Metering Infrastructure (AMI) Meters In Area**
AMI Components Shall be Disconnected, Reconnected, Removed, or Installed by DWU Personnel ONLY.
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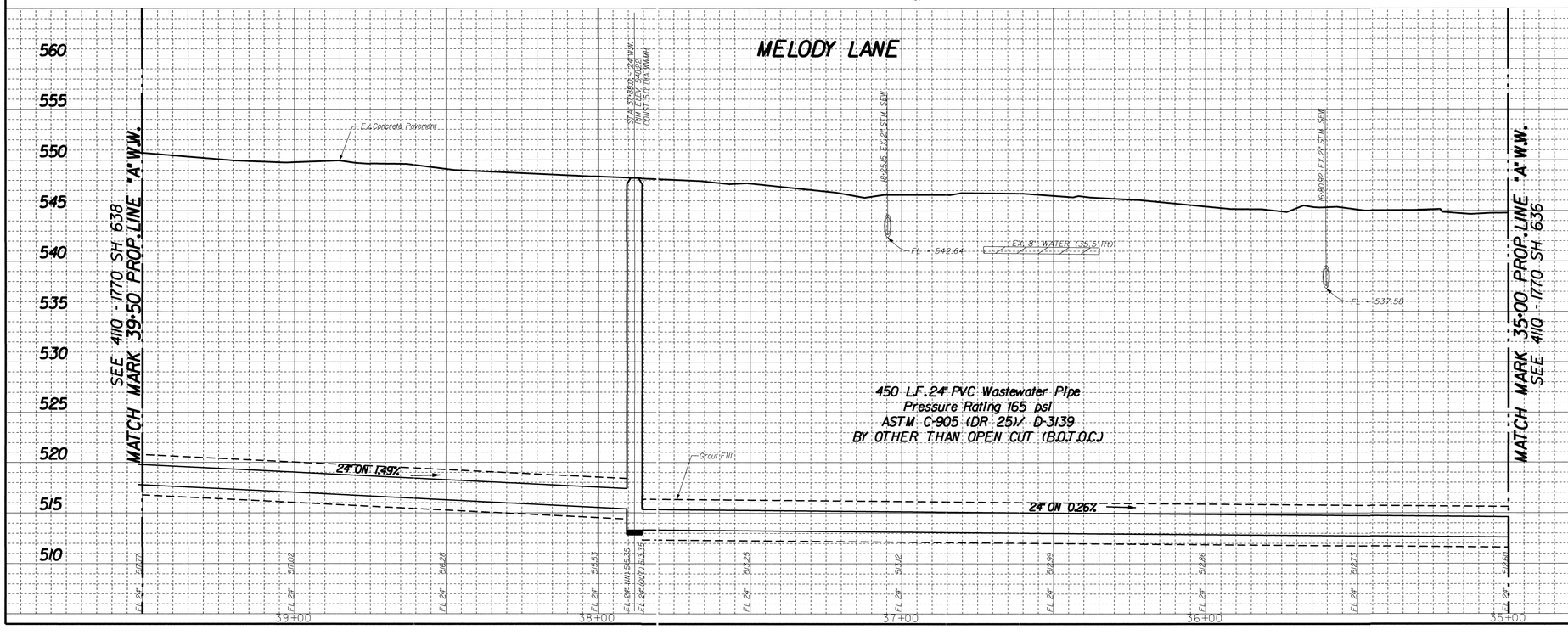
Email: DWUMROdallascityhall.com




### REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

### BENCHMARKS & CONTROL POINTS

BM 1: BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.
Elev. 575.6300

BM 2: STD.WDBM In Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive.
Elv. 541.5304

HORIZONTAL CONTROL

| POINT NO. | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| CP-13 | 7002649.084 | 2503100.878 | 544.128 ft. | "X" CUT SET |
| CP-14 | 7002808.38 | 2502924.824 | 546.507 ft. | "X" CUT SET |
| CP-15 | 7003053.061 | 2502637.585 | 551.424 ft. | "X" CUT SET |

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

**REFERENCES**
**WATER**
22W-28, 22W-29, 23W-29, & 23W-30
**WASTEWATER**
22S-28, 22S-29, 23S-29, & 23S-30

BDS Technologies, Inc.
Texas Registered Engineering Firm F-4025

STATE OF TEXAS
TAGREED D. EDMOS
83090
LICENSED
PROFESSIONAL ENGINEER
11/20/20

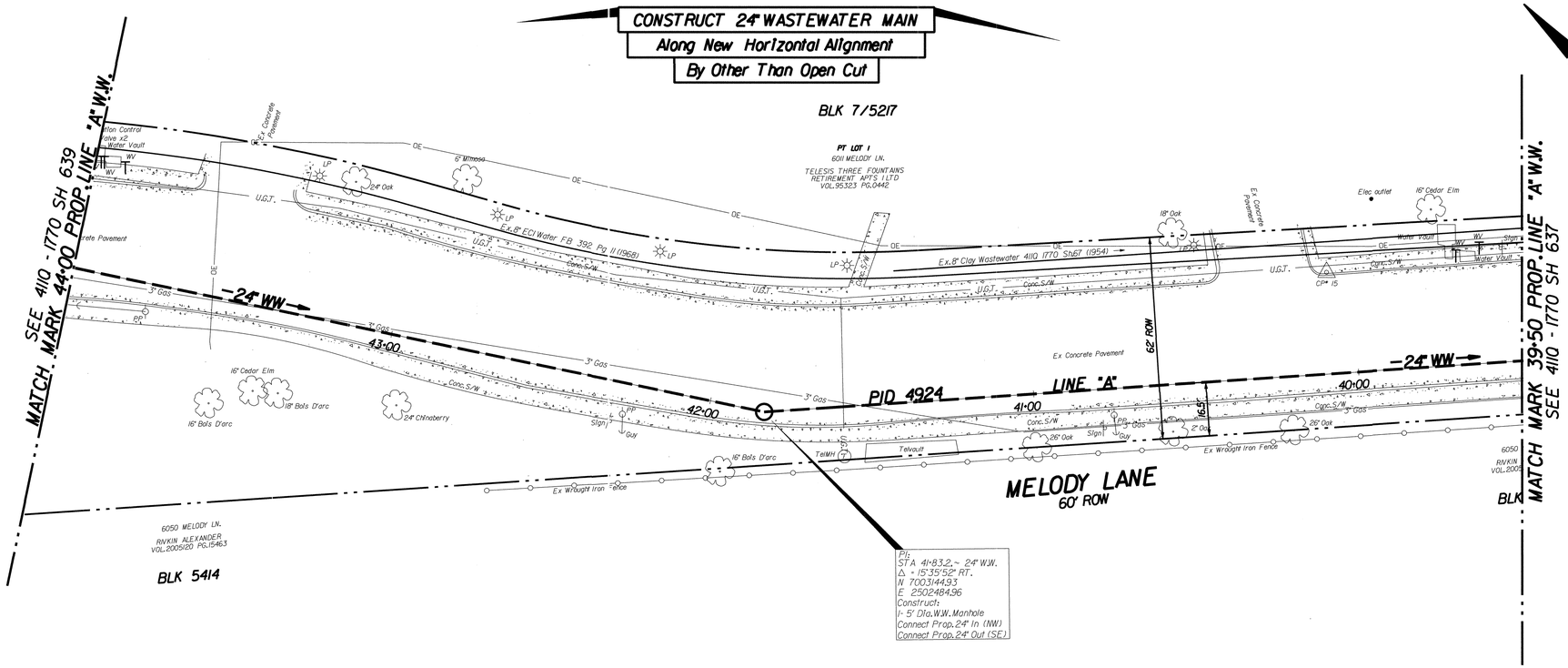
BDS Technologies, Inc.
1320 Greenway Drive, Suite 1000
Irving, Texas 75038
Texas Board of Professional Engineers Firm Registration No. F-4025

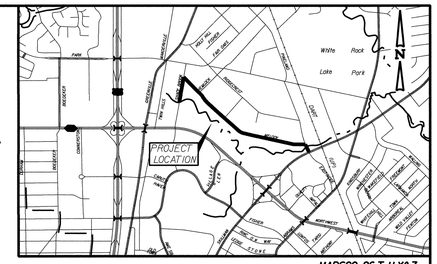
CONTRACT NO. 20-425/426 | PID: 4924

# PROPOSED 24" WASTEWATER
## MELODY LANE
## FROM SHADYBROOK LN TO EASTRIDGE DR
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| BDS | BDS | NOV 2020 | 4110 | 1770 | 637 |

# CONSTRUCT 24" WASTEWATER MAIN
## Along New Horizontal Alignment
## By Other Than Open Cut




MAPSCO: 26-T, U, Y & Z

**CAUTION ~ TELEPHONE !**
Underground Telephone Cables In Area
Contact S.B.C. Two Working Days Prior To Construction.
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**CAUTION ~ FIBER OPTIC !**
Underground Fiber Optic Cables In Area
Contact Fiber Optic Co. Two Working Days Prior To Constuction.
Tele: 1-800-344-8377

**CAUTION ~ POWER !**
Underground Electrical Cables In Area
Contact TXU Two Working Days Prior To Construction.
Tele: 1-800-344-8377

**CAUTION ~ GAS !**
Underground Gas Main In Area
Contact ATMOS Energy Corp. Two Working Days Prior To Construction.
Tele: 1-800-344-8377 / 1-800-545-6005

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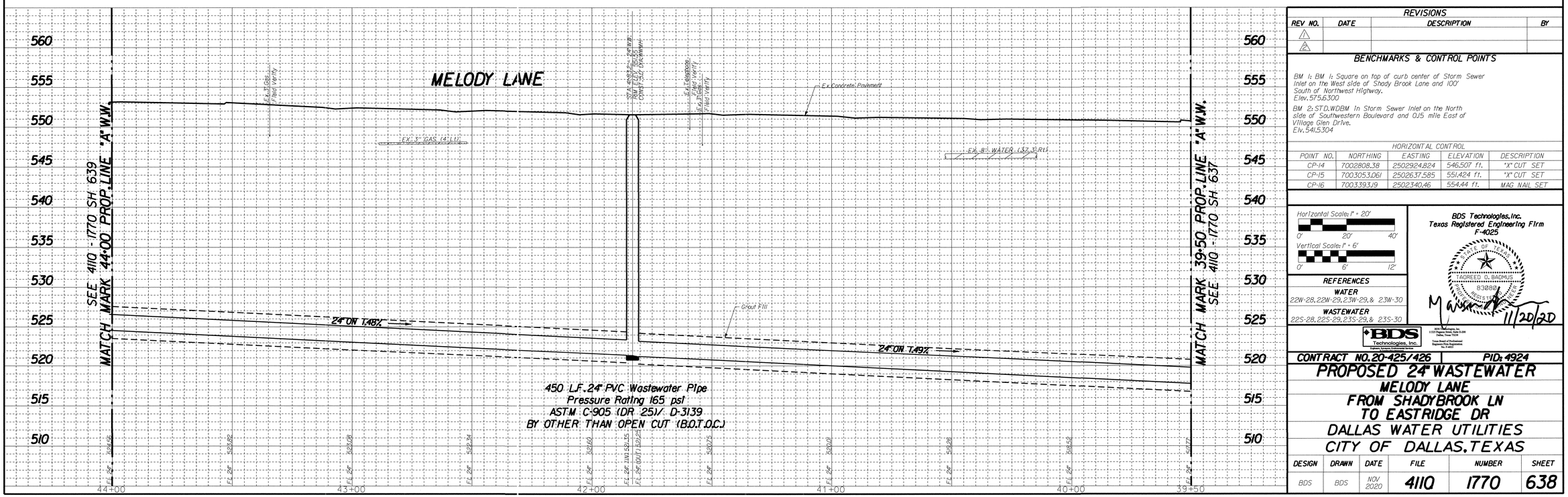



## REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

## BENCHMARKS & CONTROL POINTS

BM 1: BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.
Elev. 575.6300

BM 2: STD. WDBM In Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive.
Elv. 541.5304

HORIZONTAL CONTROL

| POINT NO. | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| CP-14 | 7002808.38 | 2502924.824 | 546.507 ft. | "X" CUT SET |
| CP-15 | 7003053.061 | 2502637.585 | 551.424 ft. | "X" CUT SET |
| CP-16 | 7003393.19 | 2502340.46 | 554.44 ft. | MAG NAIL SET |

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

**REFERENCES**
**WATER**
22W-28, 22W-29, 23W-29, & 23W-30
**WASTEWATER**
22S-28, 22S-29, 23S-29, & 23S-30

BDS Technologies, Inc.
Texas Registered Engineering Firm F-4025

STATE OF TEXAS
JADREED Q. BADMUS
83089
REGISTERED PROFESSIONAL ENGINEER
11/20/20

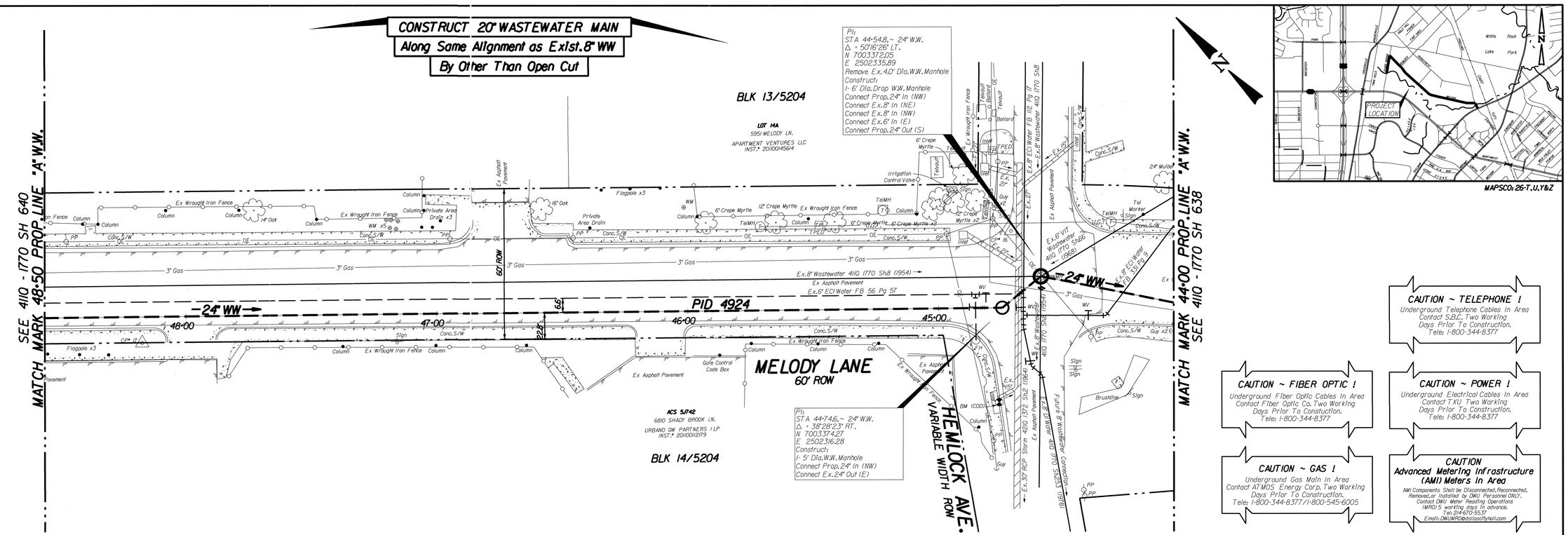
BDS Technologies, Inc.
1111 Metropolitan Ave, Suite 1-200
Dallas, Texas 75229
Texas Board of Professional Engineers Firm Registration No. F-4025

CONTRACT NO. 20-425/426 | PID: 4924

# PROPOSED 24" WASTEWATER
## MELODY LANE
## FROM SHADYBROOK LN
## TO EASTRIDGE DR
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE NUMBER | | SHEET |
|---|---|---|---|---|---|
| BDS | BDS | NOV 2020 | 4110 | 1770 | 638 |

# CONSTRUCT 20" WASTEWATER MAIN
## Along Same Alignment as Exist. 8" WW
## By Other Than Open Cut


MATCH MARK 48+50 PROP. LINE "A" W.W.
SEE 4110 - 1770 SH 640
MATCH MARK 44+00 PROP. LINE "A" W.W.
SEE 4110 - 1770 SH 638
MELODY LANE
60' ROW
PID 4924
24" WW
HEMLOCK AVE.
VARIABLE WIDTH ROW
BLK 13/5204
BLK 14/5204
LOT 14A
5951 MELODY LN.
APARTMENT VENTURES LLC
INST.# 20110014564
ACS 5742
6810 SHADY BROOK LN.
URBANO GW PARTNERS I LP
INST.# 20110011279
PI:
STA 44+54.8,~ 24" W.W.
Δ = 50°16'26" LT.
N 7003372.05
E 2502335.89
Remove Ex.4.0' Dia.W.W.Manhole
Construct:
1- 6' Dia.Drop W.W.Manhole
Connect Prop.24" In (NW)
Connect Ex.8" In (NE)
Connect Ex.8" In (NW)
Connect Ex.6" In (E)
Connect Prop.24" Out (S)
PI:
STA 44+74.6,~ 24" W.W.
Δ = 38°28'23" RT.
N 7003374.27
E 2502316.28
Construct:
1- 5' Dia.W.W.Manhole
Connect Prop.24" In (NW)
Connect Ex.24" Out (E)
450 L.F. 24" PVC Wastewater Pipe
Pressure Rating 165 psi
ASTM C-905 (DR 25)/ D-3139
BY OTHER THAN OPEN CUT (B.O.T.O.C.)
Ex.8" Wastewater 4110 1770 ShB (1954)
Ex.6" ECI Water FB 56 Pg 57
Ex.8" ECI Water FB 112 Pg 17
Ex.8" Wastewater 4110 1770 ShB
Ex.6" VIT Wastewater 4110 1770 ShB (1968)
Ex.8" ECI Water FB 131 Pg 9
Ex.30" RCP Storm 4210 1372 Sh2 (1964)
Ex.8" Wastewater 4110 1770 Sh23 (1918)
Ex.8" Wastewater 4110 1770 Sh23 (1918)
Future 8" Wastewater 4110 1770 Sh23 Connection
Ex. Asphalt Pavement
Ex. Wrought Iron Fence
Ex. Concrete Pavement
Ex. Asphalt Pavement
Gate Control Code Box
Private Area Drain
Irrigation Control Valve
Floggole x3
16" Oak
14" Oak
6' Crepe Myrtle
12' Crepe Myrtle
12' Crepe Myrtle x2
24" Mulberry
Brushline
Ex. Storm Inlet
Ex. Curb Inlet
Ex. Manhole
Ex. Junction Box
Ex. Valve
Ex. Fire Hydrant
Ex. Guy Wire
Ex. Sign
Ex. Bollard
Ex. Telephone Riser
Ex. Telephone Manhole
Ex. Water Meter
Ex. Gas Valve
Ex. Gas Meter
Ex. Gas Marker
Ex. Electric Manhole
Ex. Electric Box
Ex. Electric Pedestal
Ex. Electric Transformer
Ex. Electric Meter
Ex. Electric Light Pole
Ex. Electric Guy Pole
Ex. Electric Overhead Line
Ex. Electric Underground Line
Ex. Gas Line
Ex. Water Line
Ex. Wastewater Line
Ex. Storm Sewer Line
Ex. Fiber Optic Line
Ex. Telephone Line
Ex. Overhead Line
Ex. Underground Line
Ex. Fence
Ex. Building
Ex. Concrete Pavement
Ex. Asphalt Pavement
Ex. Gravel Pavement
Ex. Concrete Sidewalk
Ex. Concrete Curb & Gutter
Ex. Concrete Valley Gutter
Ex. Concrete Flume
Ex. Concrete Drive Approach
Ex. Concrete Retaining Wall
Ex. Concrete Headwall
Ex. Concrete Wingwall
Ex. Concrete Apron
Ex. Concrete Slope Paving
Ex. Concrete Channel
Ex. Concrete Culvert
Ex. Concrete Box Culvert
Ex. Concrete Pipe Culvert
Ex. Concrete Arch Culvert
Ex. Concrete Bridge
Ex. Concrete Footbridge
Ex. Concrete Boardwalk
Ex. Concrete Steps
Ex. Concrete Ramp
Ex. Concrete Curb
Ex. Concrete

# CONSTRUCT 24" WASTEWATER MAIN
## Along Same Alignment as Exist. 8" WW

STA 51+92.1 ~ 24" W.W.
Δ = 89°59'58" LT.
N 7003862.07
E 2501798.46
Construct:
1- 5' Dia. Drop W.W. Manhole
Connect Prop. 24" In (S)
Connect Prop. 24" Out (E)
Connect Ex. 8" In (N)

STA 51+67.1 ~ 24" W.W.
Δ = 35°19'12" LT.
N 7003856.23
E 2501832.97
Construct:
1- 5' Dia. Drop W.W. Manhole
Connect Prop. 24" In (W)
Connect Prop. 24" Out (SE)

BLK 13/5204

LOTS 10D-10F, 11A, 12A, 12B, 13B
5929 MELODY LN.
APARTMENT VENTURES LLC
INST.# 20110045614

MATCH MARK 48+50 PROP. LINE "A" W.W.
SEE 4110 - I770 SH 639

N

MAPSCO: 26-T, U, Y & Z

SHADY BROOK LN.
VARIABLE WIDTH ROW

LOT 2B
6220 PARK LN.
RIVERPARK ASSOCIATES, LP
VOL. 91181, PG. 2585
BLK 12/5203

Cut and Plug
Ex. 8" WW
Construct:
1- Std. WW Access Device
Ex. 8" WW to Remain
In Service

MELODY LANE
60' ROW

24" WW

PID 4924

ACS 5.1742
6810 SHADY BROOK LN.
URBANO GM PARTNERS I LP
INST.# 20110011219

BLK 14/5204

MATCH MARK 53+00 PROP. LINE "A" W.W.
SEE 4110 - I770 SH 641

CAUTION ~ TELEPHONE !
Underground Telephone Cables In Area
Contact S.B.C. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

CAUTION ~ FIBER OPTIC !
Underground Fiber Optic Cables In Area
Contact Fiber Optic Co. Two Working
Days Prior To Constuction.
Tele: 1-800-344-8377

CAUTION ~ POWER !
Underground Electrical Cables In Area
Contact TXU Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

CAUTION ~ GAS !
Underground Gas Main In Area
Contact ATMOS Energy Corp. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377 / 1-800-545-6005

CAUTION
Advanced Metering Infrastructure
(AMI) Meters In Area
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Contact DWU Meter Reading Operations (MRO) 5 working days in advance.
Tel: 214-670-5537
Email: DWUMRO@dallascityhall.com

SHADY BROOK LN.

MELODY LANE

EX. 8" WATER (18.5' LT)
EX. 21" STORM (4.1' LT)
EX. 8" WW
EX. 8" WW (12.3' RT)
EX. 8" WATER (6.1' RT)
EX. Concrete Pavement
Grout Fill
FL. 561.00
FL. 560.25

450 L.F. 24" PVC Wastewater Pipe
Pressure Rating 165 psi
ASTM C-905 (DR 25) / D-3139
BY OTHER THAN OPEN CUT (B.O.T.O.C.)

24" ON 0.20%

MATCH MARK 53+00 PROP. LINE "A" W.W.
SEE 4110 - I770 SH 641

MATCH MARK 48+50 PROP. LINE "A" W.W.
SEE 4110 - I770 SH 639

570 565 560 555 550 545 540 535 530 525 520

53+00 52+00 51+00 50+00 49+00 48+50

### REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

### BENCHMARKS & CONTROL POINTS

BM 1: BM 1/2 Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.
Elev. 575.6300

BM 2: STD. WDBM In Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive.
Elv. 541.5.304

HORIZONTAL CONTROL

| POINT NO. | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| CP-16 | 7003393.19 | 2502340.46 | 554.44 ft. | MAG NAIL SET |
| CP-17 | 7003609.151 | 2502066.054 | 565.204 ft. | "X" CUT SET |
| CP-18 | 7003927.125 | 2501783.632 | 569.76 ft. | "X" CUT SET |

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
22W-28, 22W-29, 23W-29, & 23W-30
WASTEWATER
22S-28, 22S-29, 23S-29, & 23S-30

BDS Technologies, Inc.
Texas Registered Engineering Firm
F-4025

STATE OF TEXAS
TAOREED O. BADMUS
83080
PROFESSIONAL ENGINEER
11/20/20

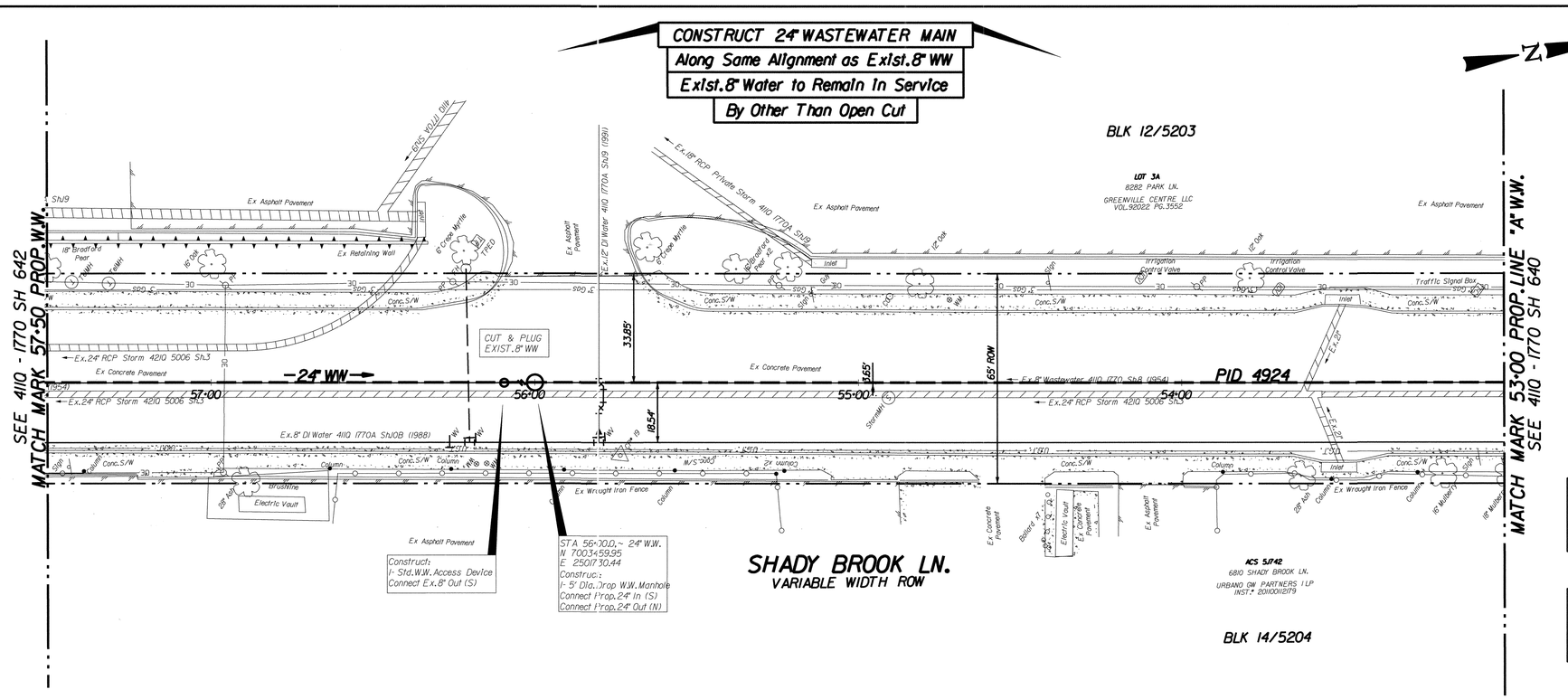
BDS Technologies, Inc.
11133 Pagemill Street, Suite B-200
Dallas, Texas 75230
Texas Board of Professional Engineers Registration No. F-4025

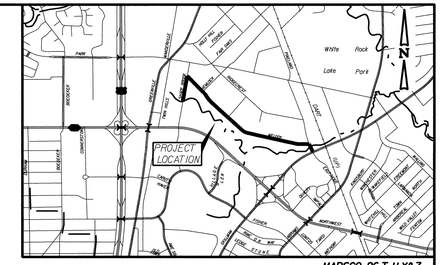
CONTRACT NO. 20-425/426 | PID: 4924

# PROPOSED 24" WASTEWATER
## MELODY LANE
## FROM SHADYBROOK LN
## TO EASTRIDGE DR
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| BDS | BDS | NOV 2020 | 4110 | 1770 | 640 |

CONSTRUCT 24" WASTEWATER MAIN
Along Same Alignment as Exist.8" WW
Exist.8" Water to Remain In Service
By Other Than Open Cut




MAPSCO: 26-T,U,Y&Z

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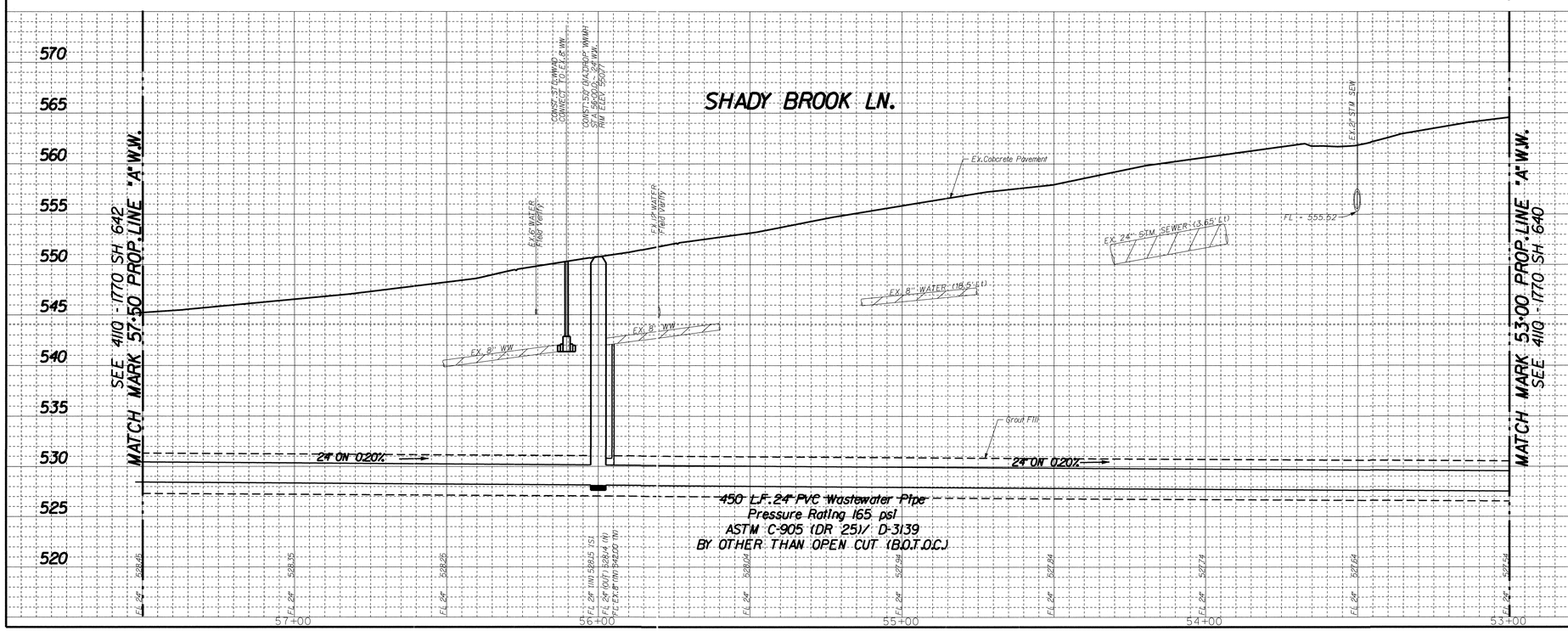



REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

BENCHMARKS & CONTROL POINTS

BM 1: BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.
Elev. 575.6300

BM 2: STD.WDBM In Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive.
Elv. 541.5304

HORIZONTAL CONTROL

| POINT NO. | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| CP-18 | 7003927.25 | 2501783.632 | 569.76 ft. | "X" CUT SET |
| CP-19 | 7003482.238 | 2501757.005 | 552.226 ft. | "X" CUT SET |
| CP-20 | 7003054.644 | 2501687.983 | 545.326 ft. | "X" CUT SET |

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
22W-28, 22W-29, 23W-29, & 23W-30
WASTEWATER
22S-28, 22S-29, 23S-29, & 23S-30

BDS Technologies, Inc.
Texas Registered Engineering Firm
F-4025

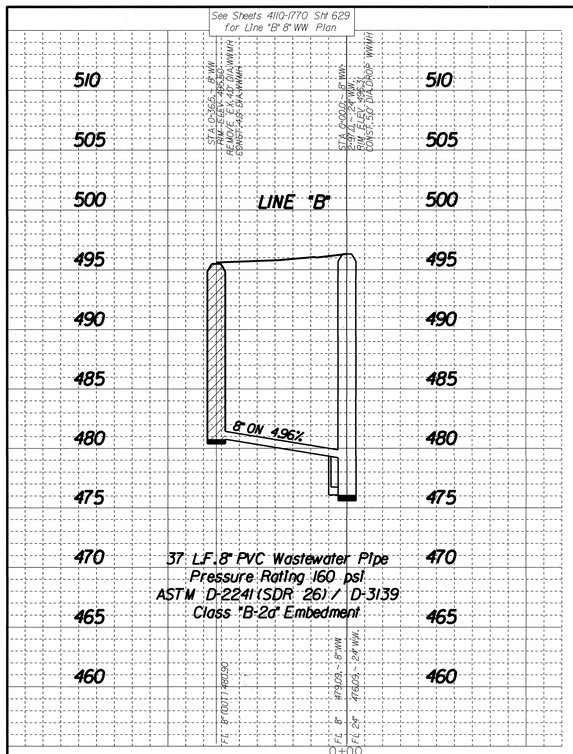
STATE OF TEXAS
TAGREED O. BADMUS
83080
REGISTERED PROFESSIONAL ENGINEER
11/20/20

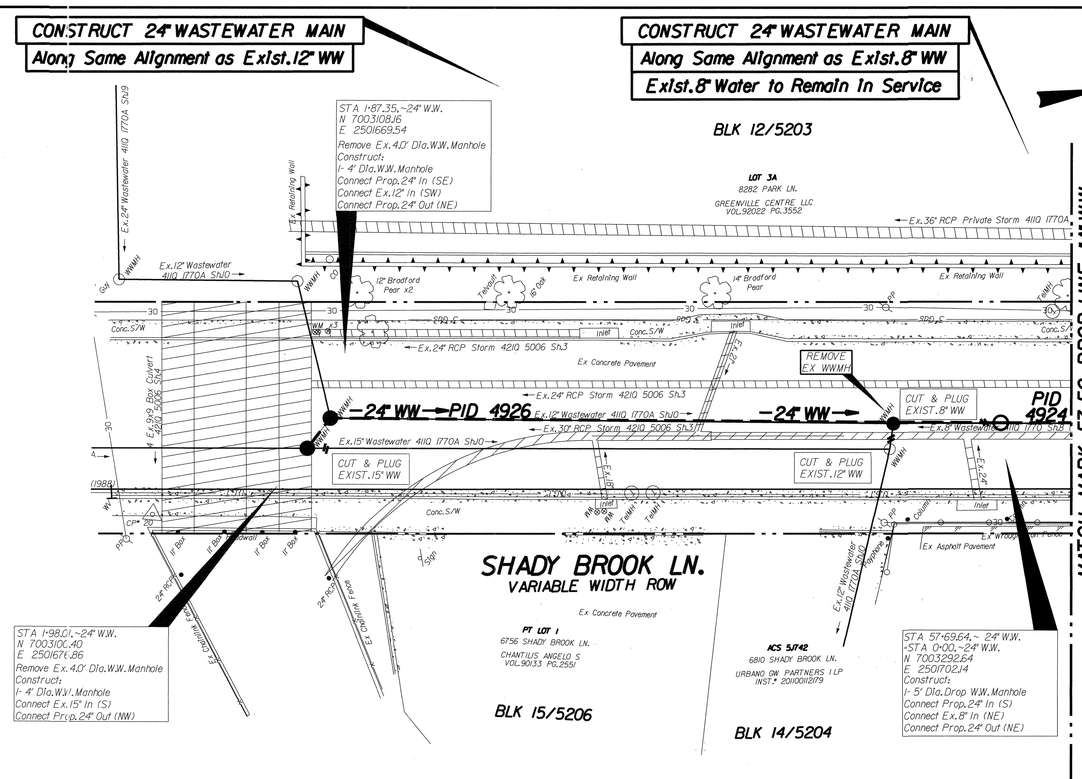
BDS Technologies, Inc.
11757 Preston Street, Suite D-200
Dallas, Texas 75230
Texas Board of Professional Engineers Firm Registration No. F-4025

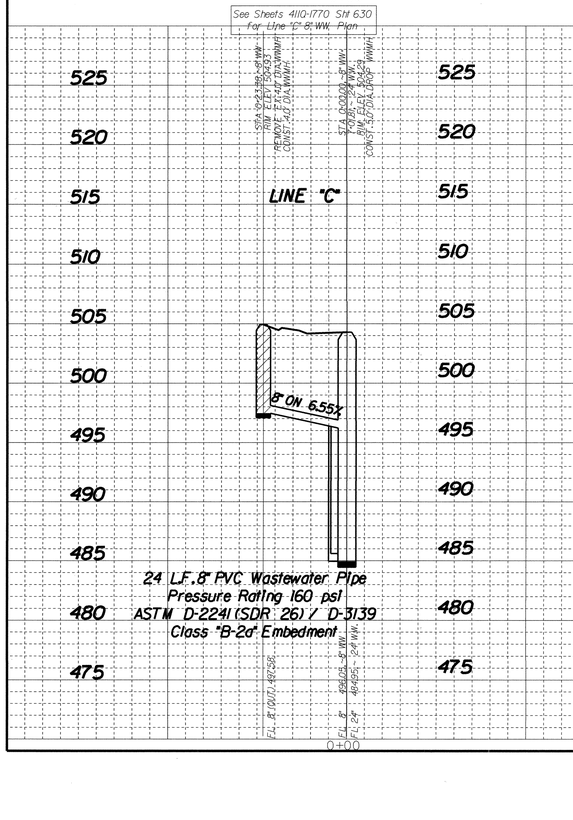
CONTRACT NO. 20-425/426 | PID: 4924

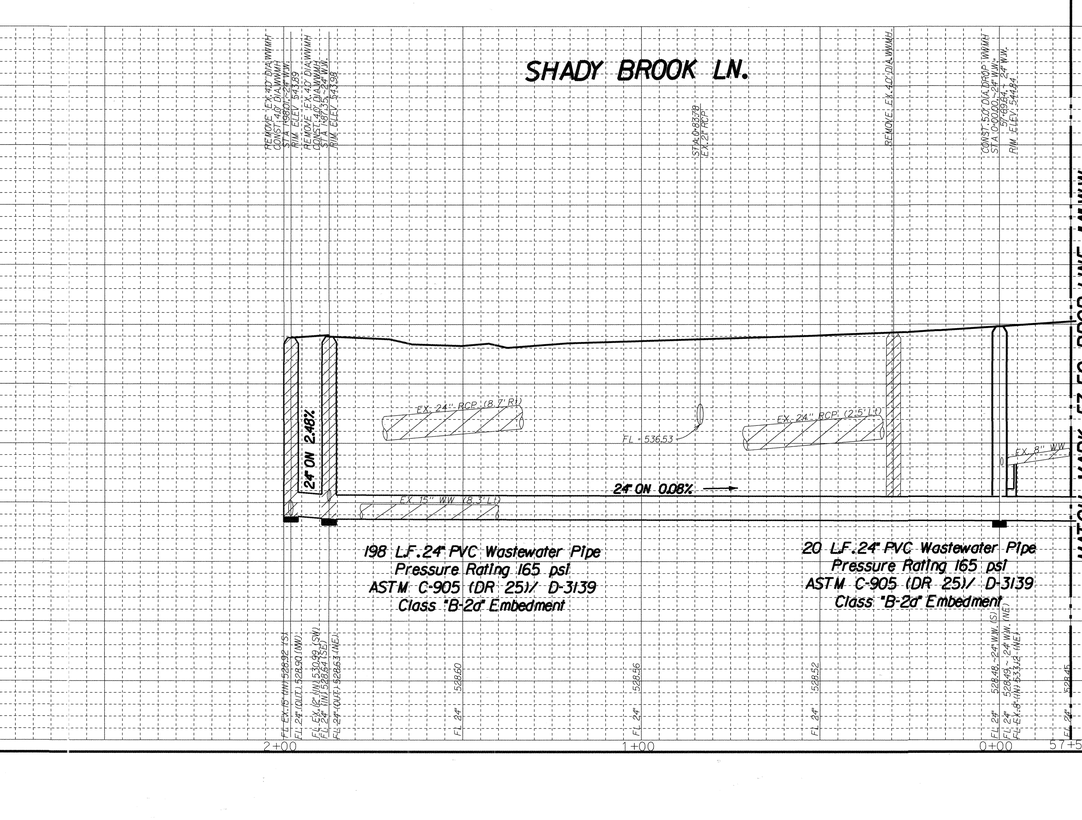
# PROPOSED 24" WASTEWATER
## MELODY LANE
## FROM SHADYBROOK LN TO EASTRIDGE DR
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| BDS | BDS | NOV 2020 | 4110 | 1770 | 641 |




REVISIONS

| REV NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | | | |
| 2 | | | |

BENCHMARKS & CONTROL POINTS

BM 1: BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.
Elev. 575.6300

BM 2: STD.WDBM In Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive.
Elv. 541.5304

HORIZONTAL CONTROL

| POINT NO. | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---|---|---|---|---|
| CP-18 | 7003927.125 | 2501783.632 | 569.76 ft. | "X" CUT SET |
| CP-19 | 7003482.238 | 2501757.005 | 552.226 ft. | "X" CUT SET |
| CP-20 | 7003054.644 | 2501687.983 | 545.326 ft. | "X" CUT SET |

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
22W-28, 22W-29, 23W-29, & 23W-30
WASTEWATER
22S-28, 22S-29, 23S-29, & 23S-30

BDS Technologies, Inc.
Texas Registered Engineering Firm F-4025

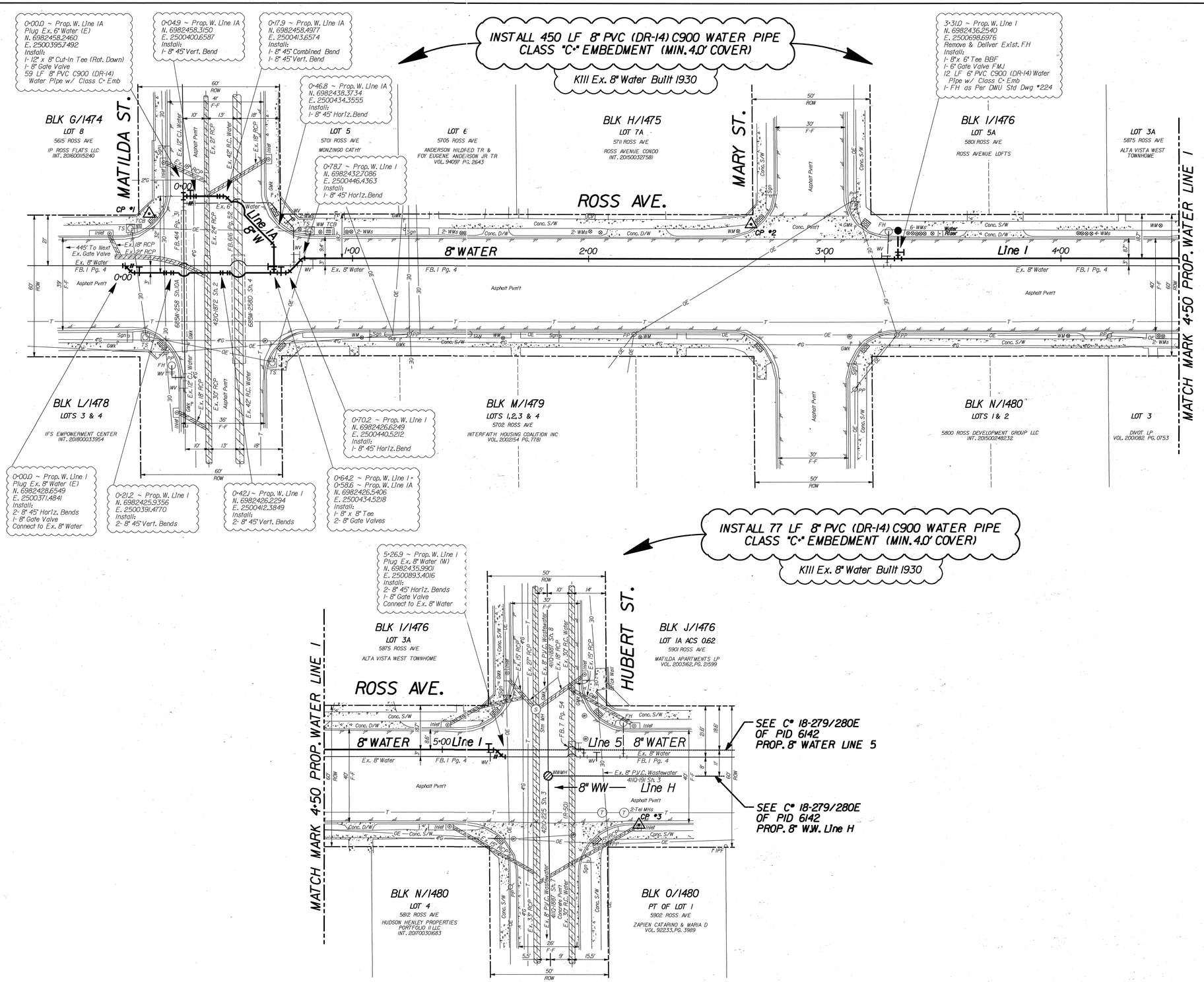
TAGREED D. BADMUS
83080
REGISTERED
ENGINEER
11/20/20

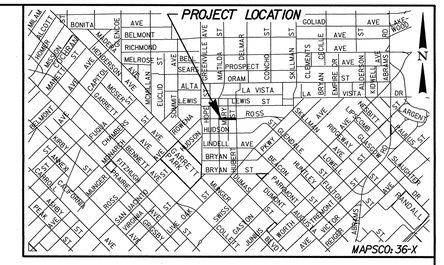
BDS Technologies, Inc.
1111 Corporate Dr. Suite 200
Dallas, Texas 75229
Texas Board of Professional Engineers Firm Registration No. F-4025

CONTRACT NO. 20-425/426 | PID: 4926

# PROPOSED 24" WASTEWATER
## SHADY BROOK LANE
## FROM CARUTH CREEK
## 198' SOUTH
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| BDS | BDS | NOV 2020 | 4110 | 1770 | 642 |




NOTE: 1. FOR GENERAL NOTES, SEE SHEET 4110-0899 SH. 32.

**CAUTION ~ OVERHEAD LINES !**
Overhead Electric, Telephone and Cables Lines In This Area. Use Extreme Care and Caution While Working In This Area.

**CAUTION ~ GAS !**
Underground Gas Main In Area Contact ATMOS Energy Corp. Two Working Days Prior To Construction. Call: TEXAS 811 @ 811

**CAUTION ~ TELEPHONE !**
Underground Telephone Cables In Area Contact S.B.C. Two Working Days Prior To Construction. Call: TEXAS 811 @ 811

| REVISIONS | | | |
|---|---|---|---|
| REV NO. | DATE | DESCRIPTION | BY |
| 1 | | | |
| 2 | | | |

**BENCHMARKS & CONTROL POINTS**

**BENCHMARK**
STD.WDBM SET CONCRETE CURB AT THE BEGINNING OF RADIUS ON THE NORTHEAST CORNER OF GREENVILLE AVENUE & LINDELL AVENUE.
**ELEV = 500.00**

**CONTROL POINT #1**
"X" CUT SET ON CONCRETE SIDEWALK ON THE NORTHWEST CORNER OF ROSS AVE & MATILDA ST, +/- 10 FT NORTHEAST OF TRAFFIC SIGNAL POLE.
**N. 6982450.6620; E. 2500381.3560; ELEV = 540.15**

**CONTROL POINT #2**
⅝" IR w/RED CP&I CAP SET ON NORTHWEST CORNER OF INTERSECTION OF ROSS AVE & MARY ST, +/- 6.2 FT NORTHEAST OF WATER METER.
**N. 6982450.1170; E. 2500636.2790; ELEV = 535.96**

**CONTROL POINT #3**
SQ.CUT ON STORM SEWER INLET ON THE SOUTH SIDE OF ROSS AVE, +/- 38.5 FT EAST OF THE INTERSECTION OF ROSS AVE & HUBERT ST.
**N. 6982407.9550; E. 2500951.4110; ELEV = 532.215**

Horizontal Scale: 1" = 20'
0' 20' 40'
Vertical Scale: 1" = 6'
0' 6' 12'

REFERENCES
WATER
33-28W
WASTEWATER
BH H-10, 32-28S

STATE OF TEXAS
ERIC K. KRONER
88551
LICENSED
PROFESSIONAL ENGINEER
10/16/20

APM & Associates, Inc.
Engineering · Planning · CM Services
2201 Main Street, Suite 1100
Dallas, TX. 75201 (214) 748-4888
Firm REG. #3091

CONTRACT NO. 20-425/426 | PID 5892

# 8" WATER MAIN
## ROSS AVENUE
## MATILDA STREET TO HUBERT STREET
## DALLAS WATER UTILITIES
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | FILE | NUMBER | SHEET |
|---|---|---|---|---|---|
| APM | APM | OCT 2020 | 4110 | 0899 | 30 |