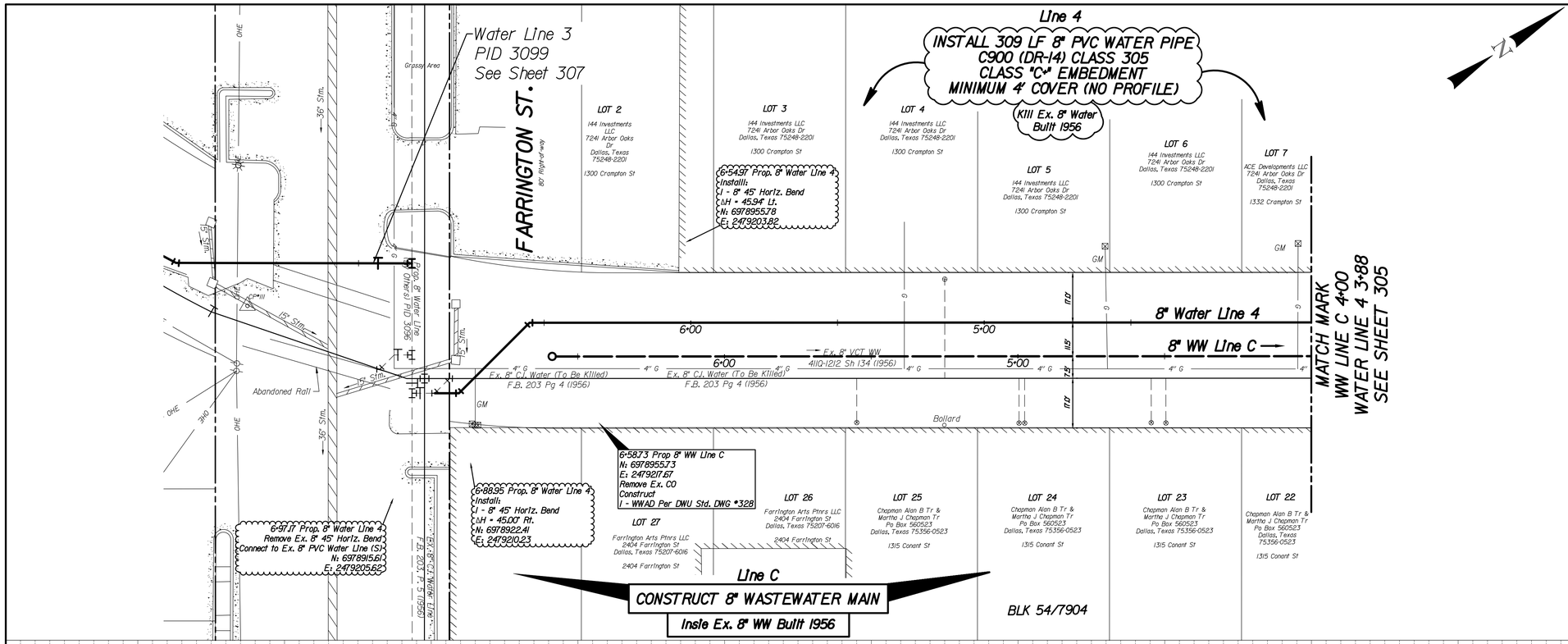
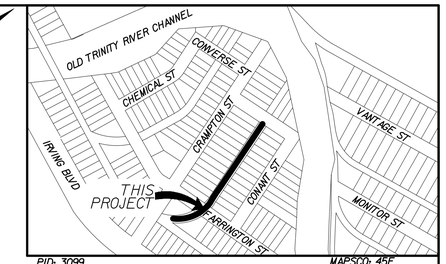




CAUTION ~ GAS !
Underground Gas Main In Area
Contact ATMOS Energy Corp. Two Working Days Prior To Construction.
Tele: 1-800-344-8377/1-800-545-6005

CAUTION ~ POWER !
Overhead Electric Cables In Area
Contact ONCOR Two Working Days Prior To Construction.
Tele: 1-800-344-8377/888-313-4747

NOTES:

1. See Sheet 4110-0132 SH. 006 for General Notes.
2. The Ground Survey Was Performed By Dal-Tech Engineering, Inc. On January 14, 2020. The Design Relies On The Assumptions Provided By The Survey.

REVISIONS

REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

DWU BENCHMARK 044B
Standard Water Department Square Cut Benchmark on top of curb inlet 75 LF east of Irving Blvd. on the south side of Medical District Dr.
ELEV = 402.17 MAPSCO 45F

CONTROL POINT #104 - "X" Cut
N: 6979557.454 E: 2478581.83
ELEV = 402.55

CONTROL POINT #105 - "X" Cut
N: 6979785.851 E: 2479025.162
ELEV = 402.75

CONTROL POINT #106 - "X" Cut
N: 6979816.274 E: 2479155.621
ELEV = 402.43

CONTROL POINT #107 - "X" Cut
N: 6979816.274 E: 2479434.953
ELEV = 402.1

CONTROL POINT #108 - "X" Cut
N: 6979599.513 E: 2479363.473
ELEV = 402.13

CONTROL POINT #109 - "X" Cut
N: 6979374.666 E: 2479749.951
ELEV = 402.19

CONTROL POINT #110 - "X" Cut
N: 6978799.979 E: 2479392.846
ELEV = 402.29

CONTROL POINT #111 - "X" Cut
N: 6978879.405 E: 2479145.169
ELEV = 403.09

CONTROL POINT #112 - "X" Cut
N: 6979217.216 E: 2478728.632
ELEV = 403.4

CONTROL POINT #113 - "X" Cut
N: 6949156.845 E: 2479030.042
ELEV = 468.07

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

REFERENCES

WATER
34-21W, 4110-1212 SH. 4, 128-136, 42

WASTEWATER
BH F-11, 4110-1212 SH. 4, 128-136, 42

STATE OF TEXAS
JASON A. SNYDER
123328
LICENSED
PROFESSIONAL ENGINEER

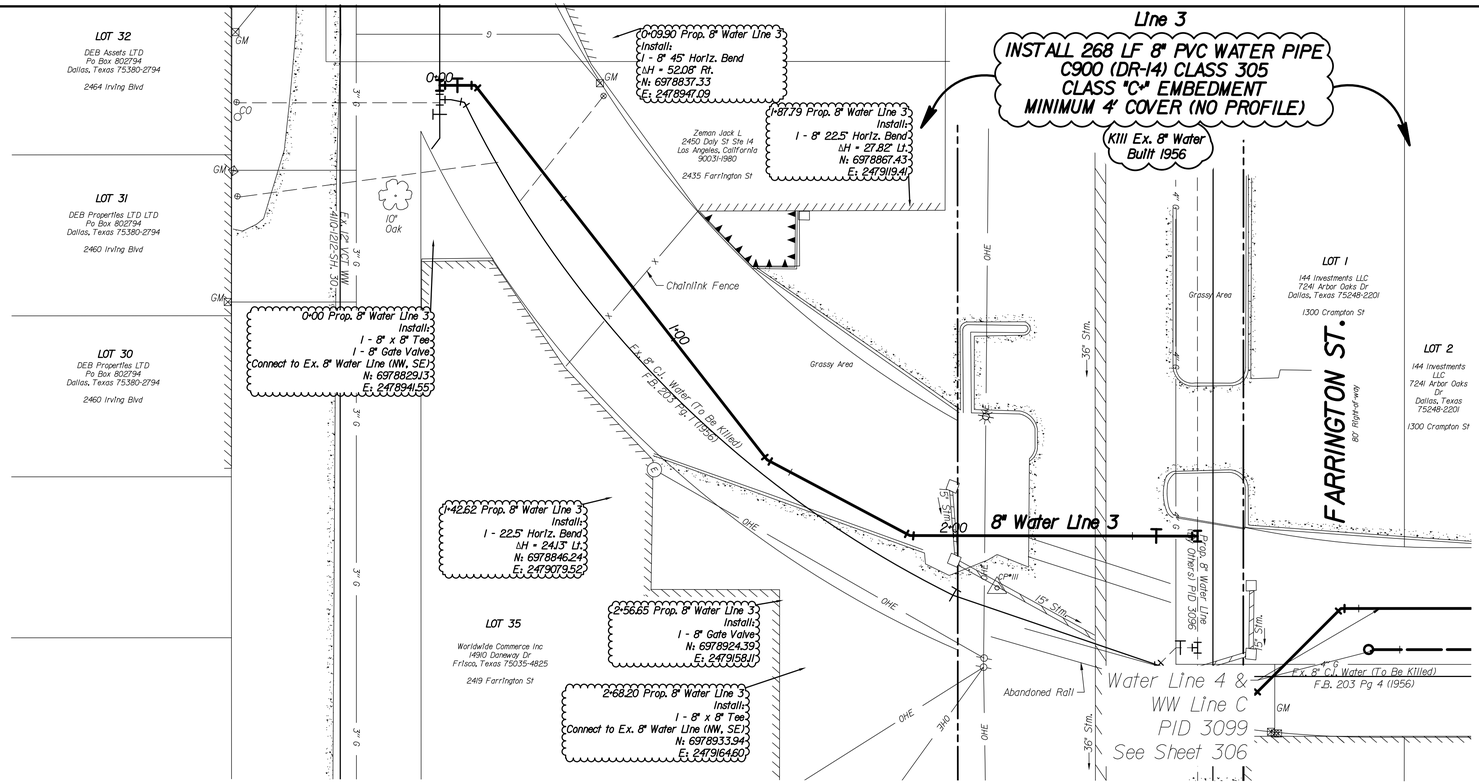
The seal appearing on this document was authorized by Jason A. Snyder, P.E. 123328 on May 20, 2020

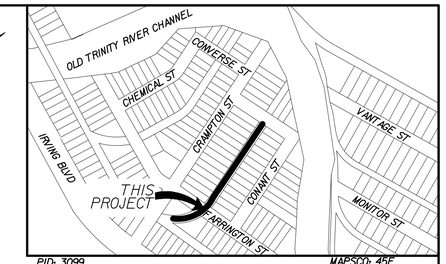
Kimley»Horn
Texas Registration No. F-928

PID: 3099 | CONTRACT NO. 20-239/240

8" WATER & 8" WASTEWATER
ESMT BTWN CRAMPTON & CONANT
FARRINGTON ST. TO CONVERSE ST.
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
JAS	GK	MAY 2020	4110	1212	306





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NOTES:

1. See Sheet 411Q-0132 SH. 006 for General Notes.
2. The Ground Survey Was Performed By Dal-Tech Engineering, Inc. On January 14, 2020. The Design Relies On The Assumptions Provided By The Survey.
3. Proposed Water Line Potentially Interferes with Abandoned Rail Ties. Contractor to Remove as Necessary.
4. Contractor Shall Coordinate Work with PIDs 1134 and 4284 and Confirm Proposed Connections with an Owner's Representative Prior to Construction Activities

REVISIONS

REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

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BH F-11, 411Q-1212 SH. 4, 128-136, 42

STATE OF TEXAS
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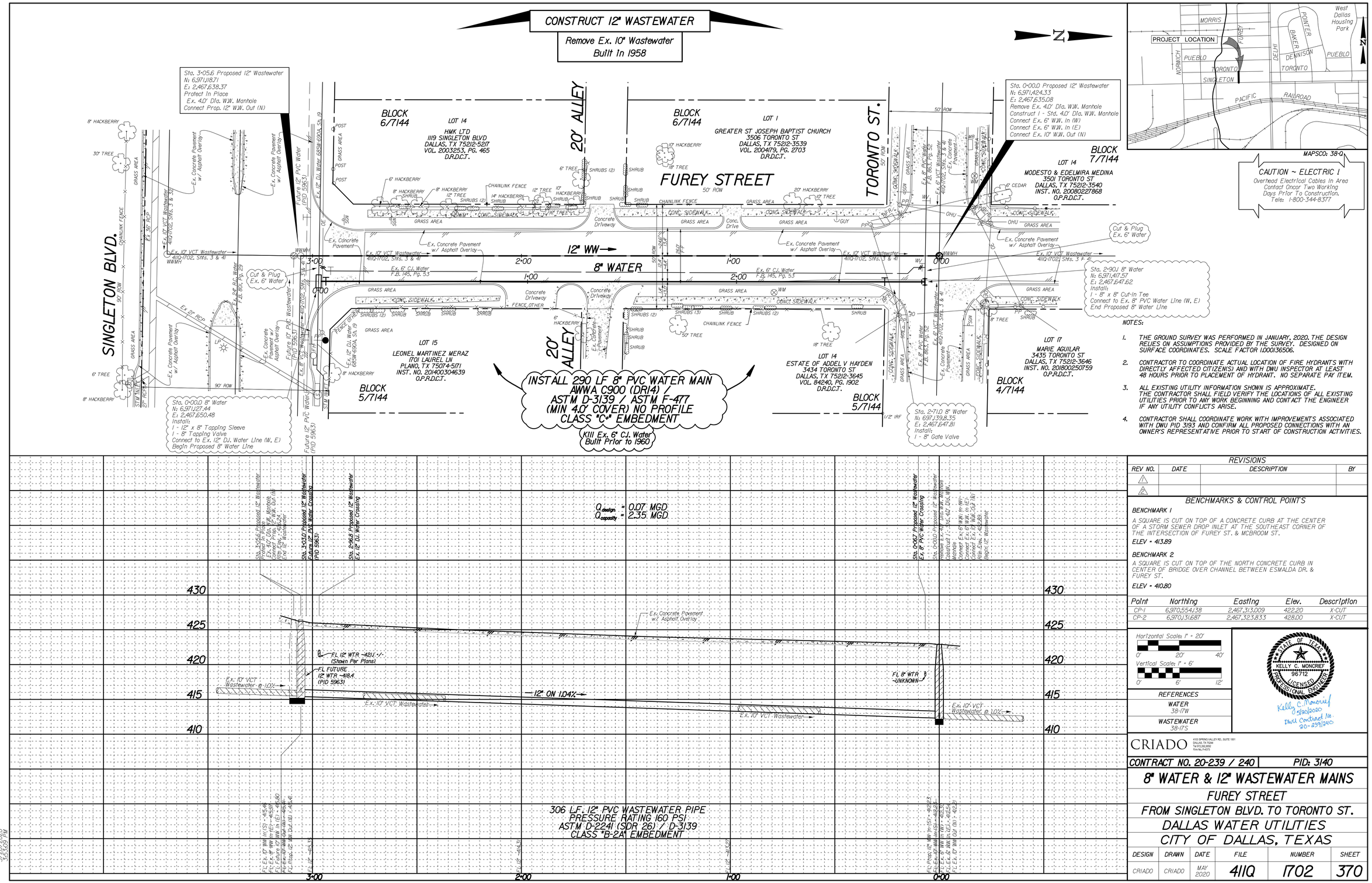
Kimley»Horn
Texas Registration No. F-928

PID: 3099 | CONTRACT NO. 20-239/240

8" WATER & 8" WASTEWATER
ESMT BTWN CRAMPTON & CONANT
FARRINGTON ST. TO CONVERSE ST.
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
JAS	GK	MAY 2020	411Q	1212	307



REVISIONS

REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK 1

A SQUARE IS CUT ON TOP OF A CONCRETE CURB AT THE CENTER OF A STORM SEWER DROP INLET AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FUREY ST. & MCBROOM ST.

ELEV = 413.89

BENCHMARK 2

A SQUARE IS CUT ON TOP OF THE NORTH CONCRETE CURB IN CENTER OF BRIDGE OVER CHANNEL BETWEEN ESMALDA DR. & FUREY ST.

ELEV = 410.80

Point	Northing	Easting	Elev.	Description
CP-1	6,970,554.138	2,467,313.009	422.20	X-CUT
CP-2	6,970,131.687	2,467,323.833	428.00	X-CUT

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

REFERENCES
WATER 38-17W
WASTEWATER 38-17S

STATE OF TEXAS
KELLY C. MONCRIEF
96712
LICENSED
PROFESSIONAL ENGINEER
Kelly C. Moncrief 5/20/2020
DWU Contract No. 20-239/240

CRIADO
4100 SPRING VALLEY RD., SUITE 1001
DALLAS, TX 75244
Tel 972.392.8892
Firm No. F-4073

CONTRACT NO. 20-239 / 240 | PID: 3140

8" WATER & 12" WASTEWATER MAINS

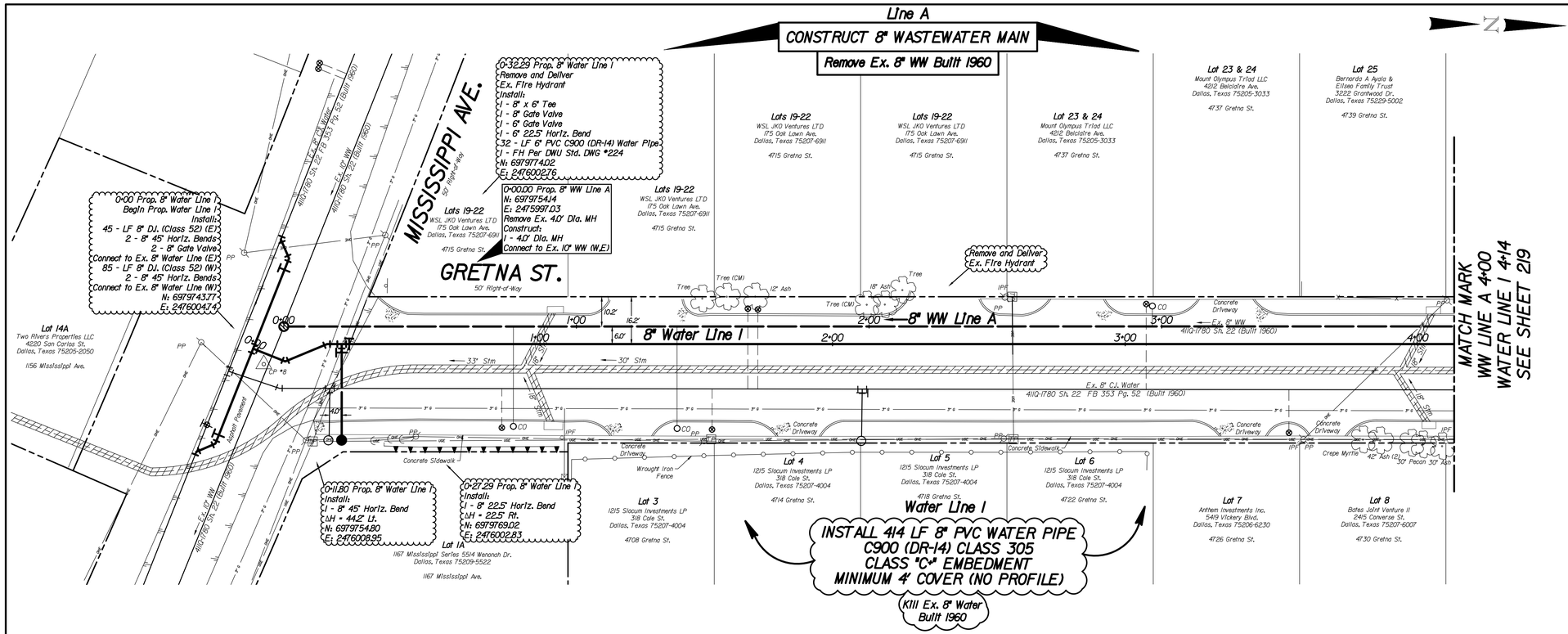
FUREY STREET

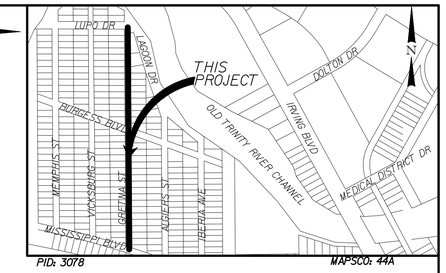
FROM SINGLETON BLVD. TO TORONTO ST.

DALLAS WATER UTILITIES

CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
CRIADO	CRIADO	MAY 2020	411Q	1702	370





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CAUTION ~ POWER !
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NOTES:

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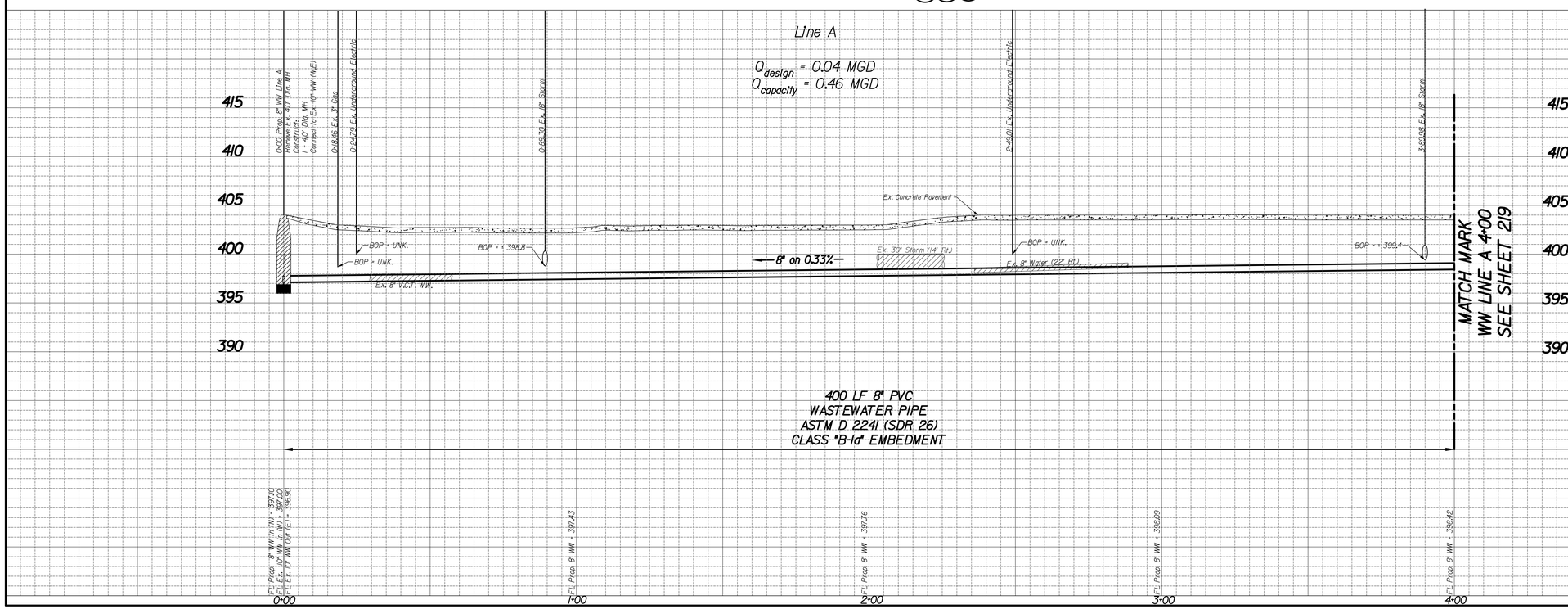

REVISIONS

REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

DWU BENCHMARK #1
Standard Water Department Square Cut Benchmark East Concrete Curb Center Radius In Front of Power Pole at the Northeast Corner of Burgess Blvd. and Memphis St.
ELEV = 405.94 MAPSCO 44A
CONTROL POINT #1 - PK Nail Set
N: 6980895.647 E: 2475416.173
ELEV = 405.904
CONTROL POINT #2 - PK Nail Set
N: 6980796.858 E: 2475708.127
ELEV = 405.083
CONTROL POINT #3 - PK Nail Set
N: 6980695.912 E: 2475998.438
ELEV = 403.39
CONTROL POINT #4 - PK Nail Set
N: 6980594.808 E: 2476290.661
ELEV = 405.403

DWU BENCHMARK #2
Standard Water Department Square Cut Benchmark East Concrete Curb Center Radius In Front of Building #4722 Memphis St. and 250 LF North of Mississippi Ave.
ELEV = 403.376 MAPSCO 44A
CONTROL POINT #5 - PK Nail Set
N: 6980501.033 E: 2476581.747
ELEV = 405.407
CONTROL POINT #6 - PK Nail Set
N: 6980795.322 E: 2476287.985
ELEV = 407.003
CONTROL POINT #7 - PK Nail Set
N: 6981581.173 E: 2475987.656
ELEV = 402.733
CONTROL POINT #8 - PK Nail Set
N: 6979747.485 E: 2476009.979
ELEV = 404.203

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

REFERENCES
WATER
33-20W, 34-19W, & 34-20W
WASTEWATER
BH E-10, BH E-11

STATE OF TEXAS
JASON A. SNYDER
123328
LICENSED
PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Jason A. Snyder, P.E. 123328 on May 20, 2020

Kimley»Horn
Texas Registration No. F-928

PID: 3078 | CONTRACT NO. 20-239/240

8" WATER & 8" WASTEWATER

GRETNA STREET
MISSISSIPPI AVENUE TO LUPO DRIVE
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
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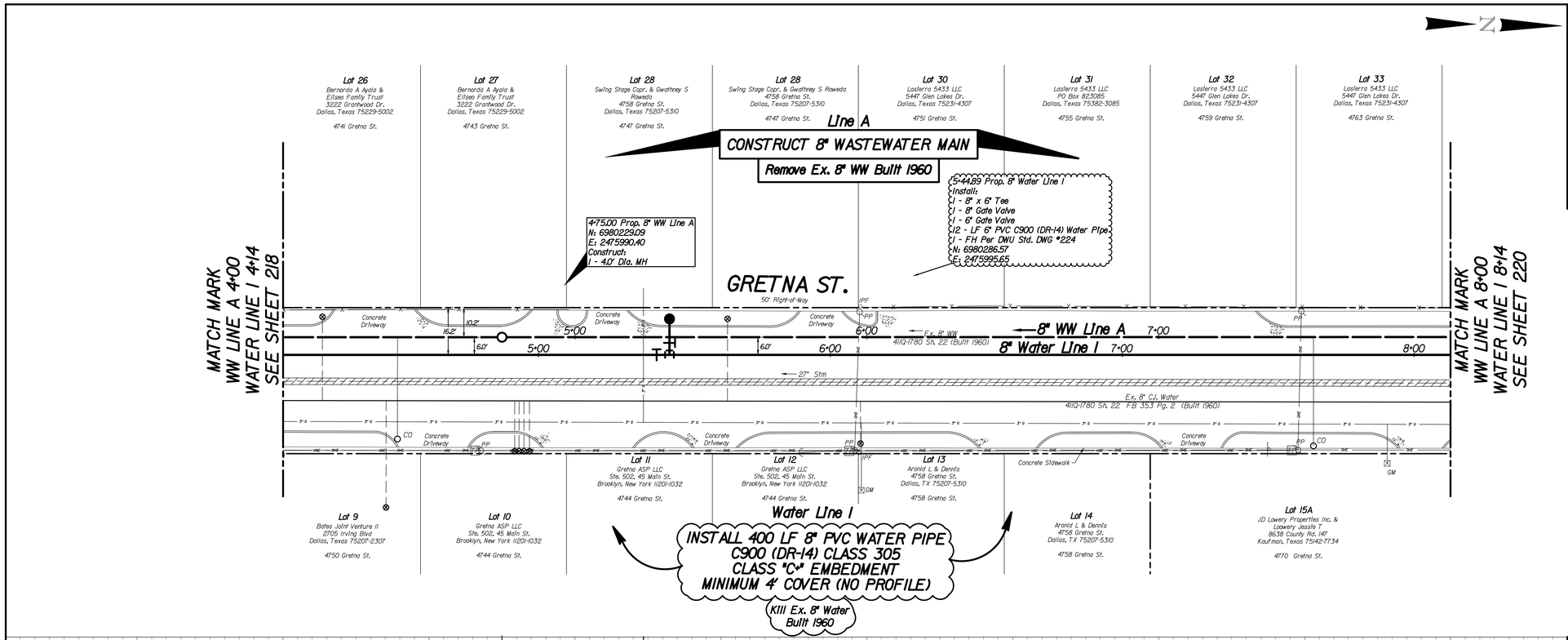

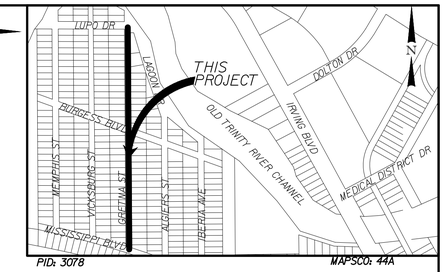

CAUTION ~ GAS 1
Underground Gas Main In Area
Contact ATMOS Energy Corp. Two Working Days Prior To Construction.
Tele: 1-800-344-8377/1-800-545-6005

CAUTION ~ POWER 1
Overhead Electric Cables In Area
Contact ONCOR Two Working Days Prior To Construction.
Tele: 1-800-344-8377/888-313-4747

NOTES:

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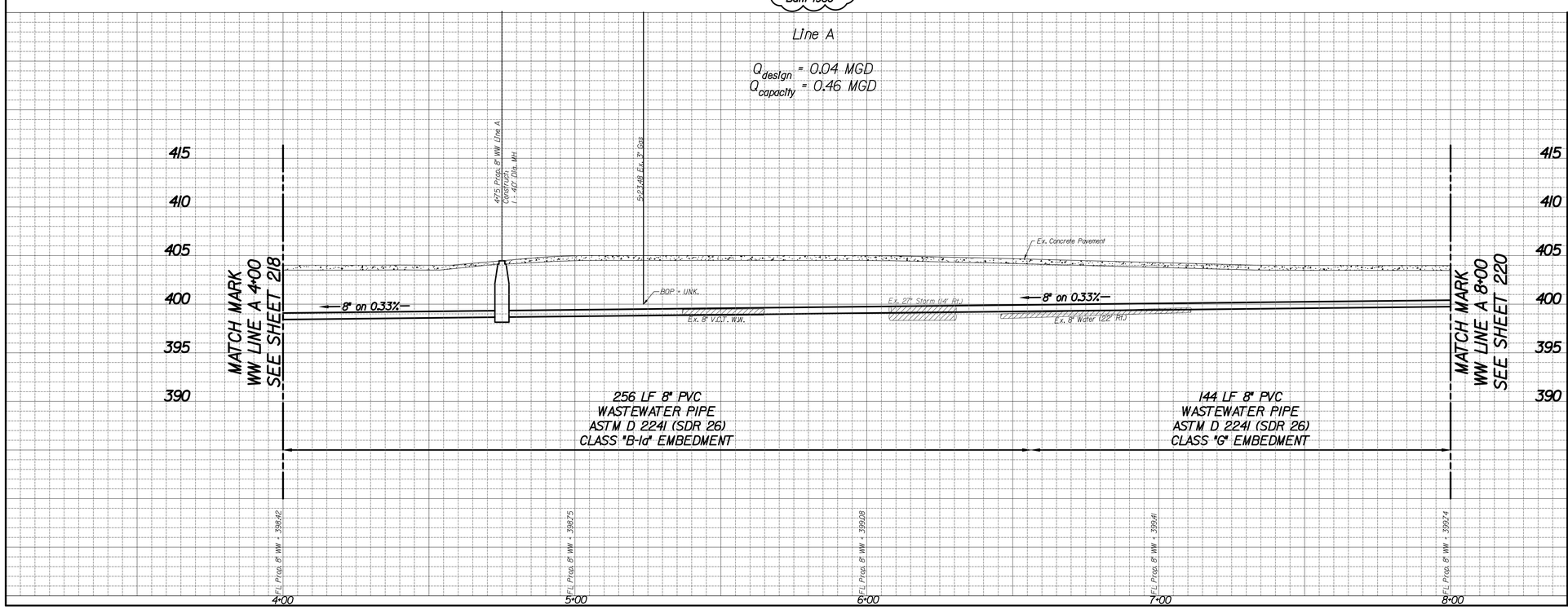

REVISIONS

REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

DWU BENCHMARK #1
Standard Water Department Square Cut Benchmark East Concrete Curb Center Radius In Front of Power Pole at the Northeast Corner of Burgess Blvd. and Memphis St.
ELEV = 405.94 MAPSCO 44A
CONTROL POINT #1 - PK Nail Set
N: 6980895.647 E: 2475416.173
ELEV = 405.904
CONTROL POINT #2 - PK Nail Set
N: 6980796.858 E: 2475708.127
ELEV = 405.083
CONTROL POINT #3 - PK Nail Set
N: 6980695.912 E: 2475998.438
ELEV = 403.39
CONTROL POINT #4 - PK Nail Set
N: 6980594.608 E: 2476290.661
ELEV = 405.403

DWU BENCHMARK #2
Standard Water Department Square Cut Benchmark East Concrete Curb Center Radius In Front of Building #4722 Memphis St. and 250 LF North of Mississippi Ave.
ELEV = 403.76 MAPSCO 44A
CONTROL POINT #5 - PK Nail Set
N: 6980501.033 E: 2476581.747
ELEV = 405.407
CONTROL POINT #6 - PK Nail Set
N: 6980795.322 E: 2476287.985
ELEV = 407.003
CONTROL POINT #7 - PK Nail Set
N: 6981581.173 E: 2475987.656
ELEV = 402.733
CONTROL POINT #8 - PK Nail Set
N: 6979747.485 E: 2476009.979
ELEV = 404.203

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

REFERENCES
WATER
33-20W, 34-19W, & 34-20W
WASTEWATER
BH E-10, BH E-11

STATE OF TEXAS
JASON A. SNYDER
123328
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Kimley»Horn
Texas Registration No. F-928

PID: 3078 | CONTRACT NO. 20-239/240

8" WATER & 8" WASTEWATER

GRETNA STREET

MISSISSIPPI AVENUE TO LUPO DRIVE

DALLAS WATER UTILITIES

CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
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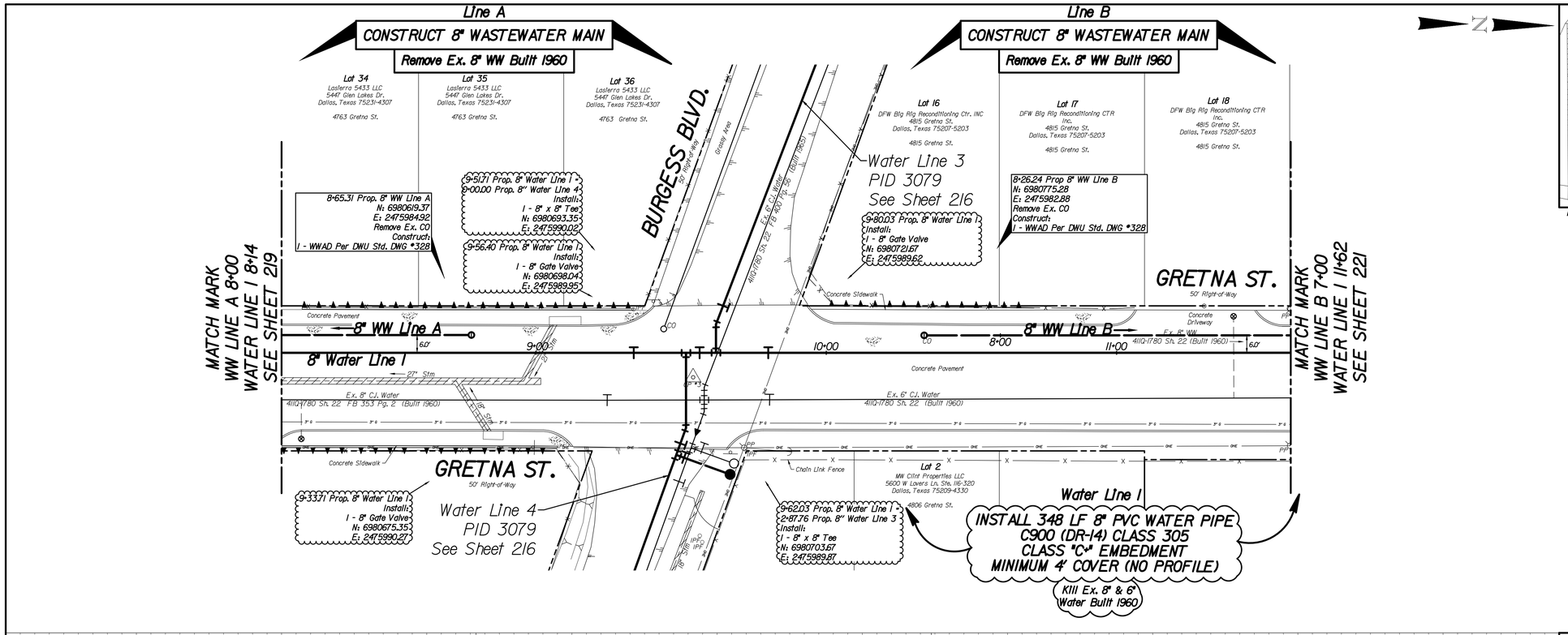

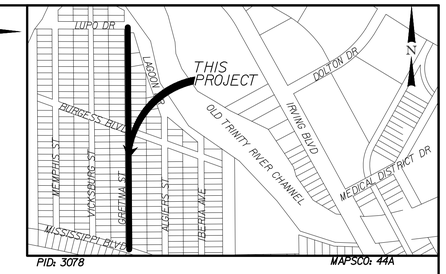

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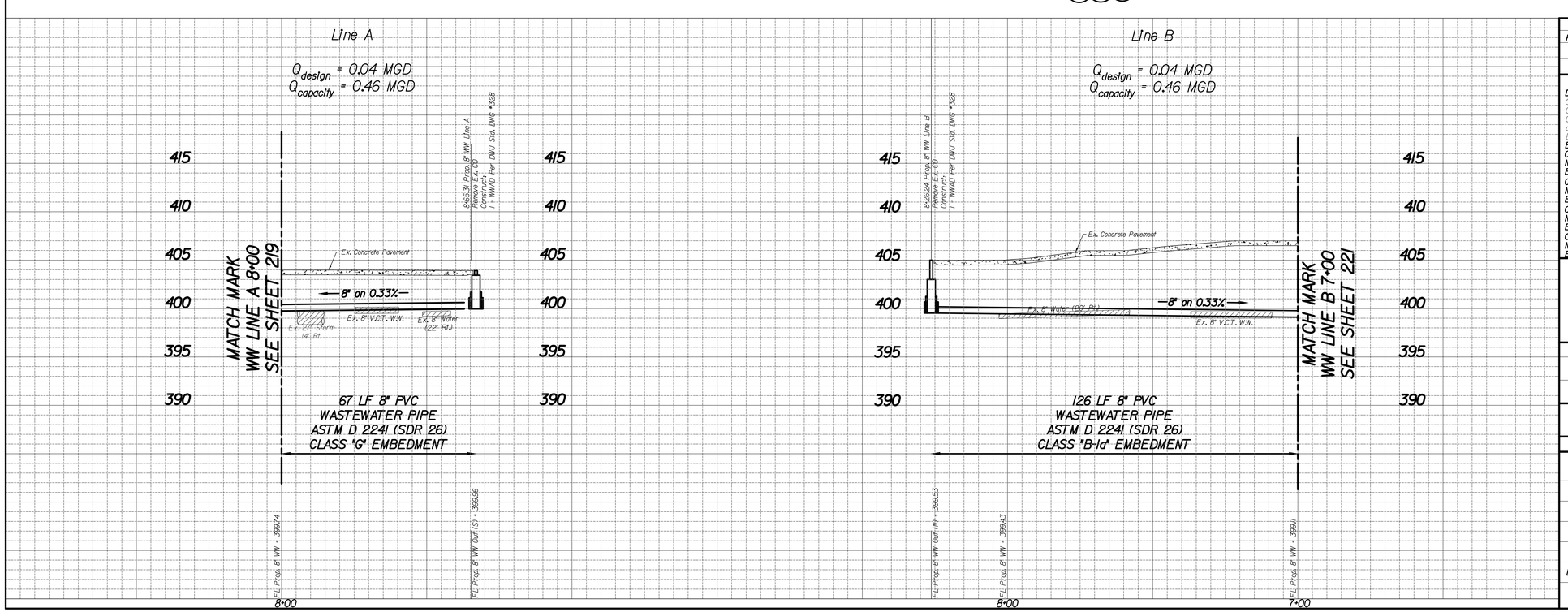

REVISIONS

REV NO.	DATE	DESCRIPTION	BY
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WASTEWATER
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CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
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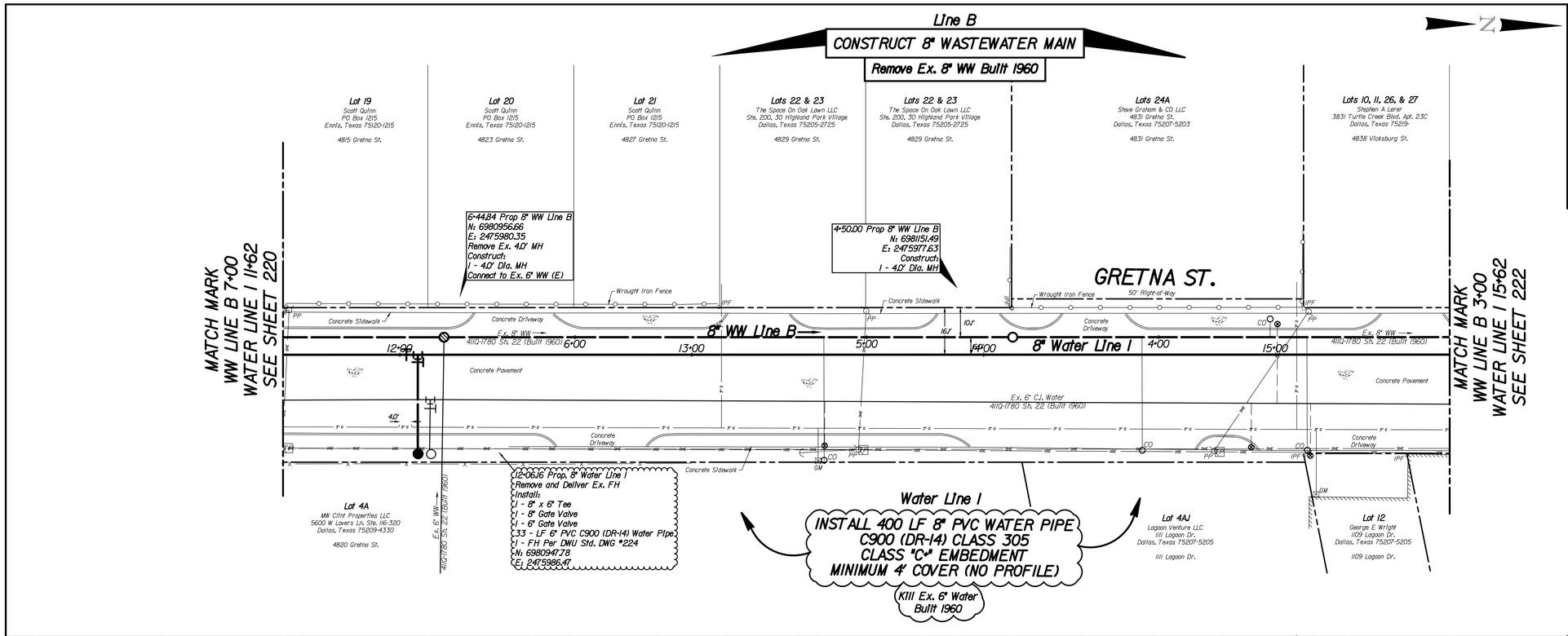

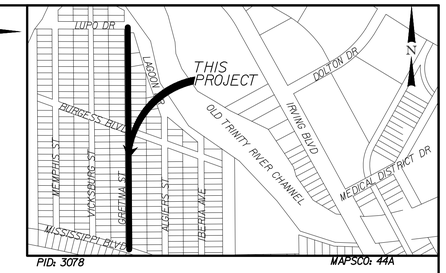

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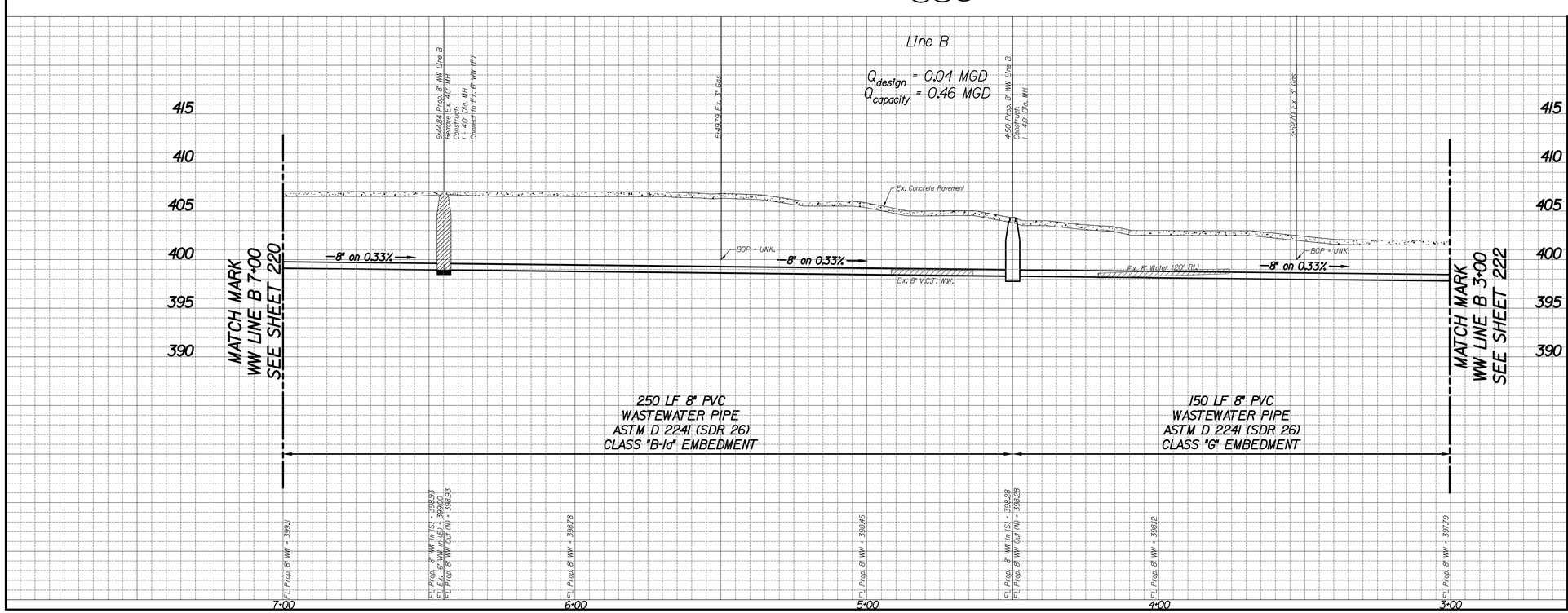

REVISIONS

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The seal appearing on this document was authorized by Jason A. Snyder, P.E. 123328 on May 20, 2020

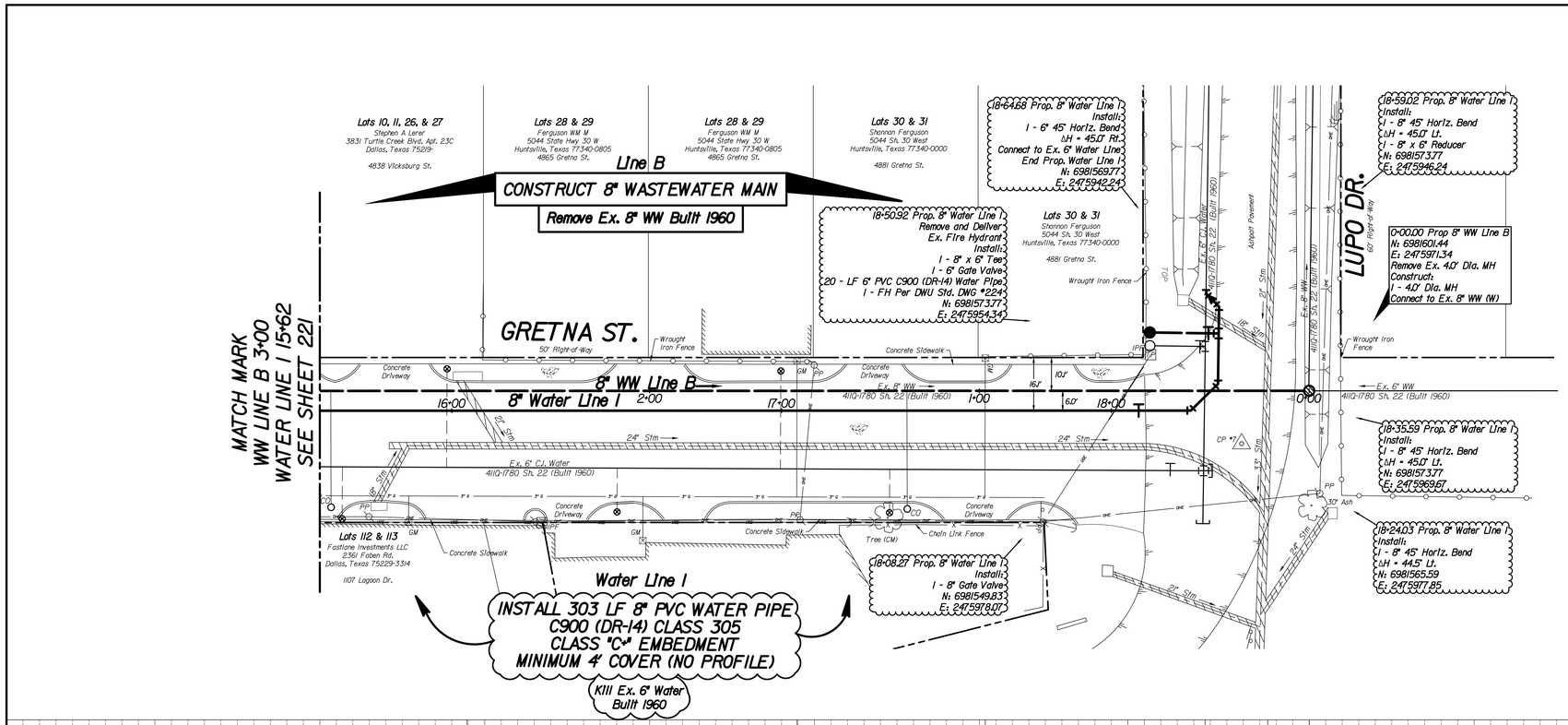
Kimley»Horn
Texas Registration No. F-928

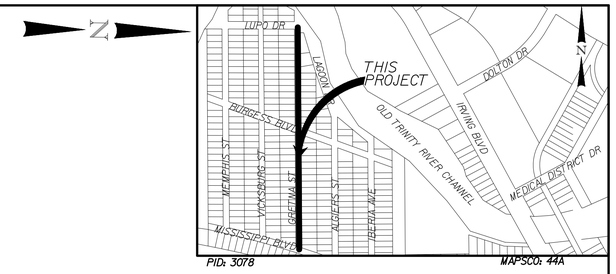
PID: 3078 | CONTRACT NO. 20-239/240

8" WATER & 8" WASTEWATER

GRETNA STREET
MISSISSIPPI AVENUE TO LUPO DRIVE
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
JAS	MLD	MAY 2020	4110	1780	221





CAUTION ~ GAS !

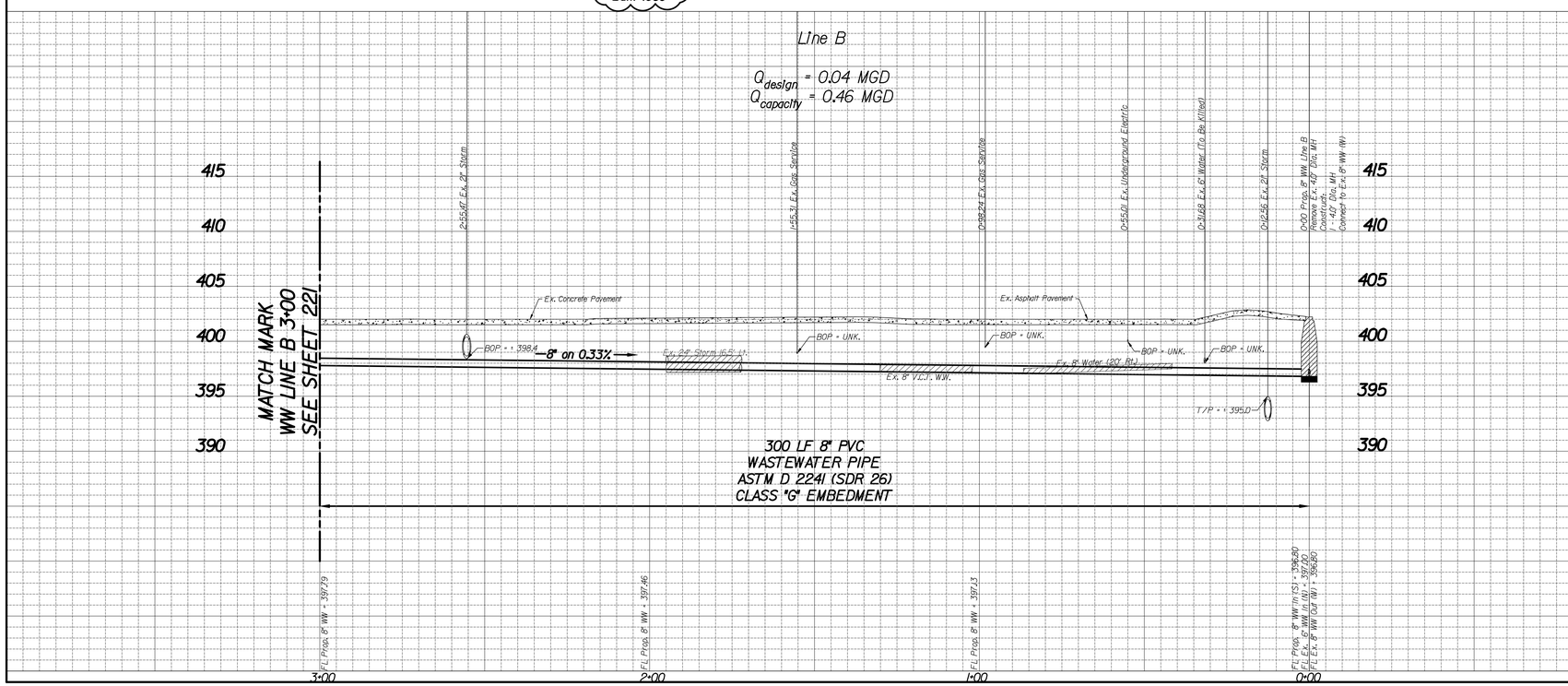
Underground Gas Main In Area
Contact ATMOS Energy Corp. Two Working Days Prior To Construction.
Tele: 1-800-344-8377/1-800-545-6005

CAUTION ~ POWER !

Overhead Electric Cables In Area
Contact ONCOR Two Working Days Prior To Construction.
Tele: 1-800-344-8377/888-313-4747

NOTES:

1. See Sheet 4110-0132 SH. 006 for General Notes.
2. The Ground Survey Was Performed By DAL-TECH Engineering, Inc. On December, 28 2019. The Design Relies On The Assumptions Provided By The Survey.



REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

DWU BENCHMARK #1
Standard Water Department Square Cut Benchmark East Concrete Curb Center Radius In Front of Power Pole at the Northeast Corner of Burgess Blvd. and Memphis St.
ELEV = 405.94 MAPSCO 44A
CONTROL POINT #1 - PK Nail Set
N: 6980895.647 E: 2475416.173
ELEV = 405.904
CONTROL POINT #2 - PK Nail Set
N: 6980796.858 E: 2475708.127
ELEV = 405.083
CONTROL POINT #3 - PK Nail Set
N: 6980695.912 E: 2475998.438
ELEV = 403.39
CONTROL POINT #4 - PK Nail Set
N: 6980594.608 E: 2476290.661
ELEV = 405.403

DWU BENCHMARK #2
Standard Water Department Square Cut Benchmark East Concrete Curb Center Radius In Front of Building #4722 Memphis St. and 250 LF North of Mississippi Ave.
ELEV = 403.76 MAPSCO 44A
CONTROL POINT #5 - PK Nail Set
N: 6980501.033 E: 2476581.747
ELEV = 405.407
CONTROL POINT #6 - PK Nail Set
N: 6980795.322 E: 2476287.985
ELEV = 407.003
CONTROL POINT #7 - PK Nail Set
N: 6981581.173 E: 2475987.656
ELEV = 402.733
CONTROL POINT #8 - PK Nail Set
N: 6979747.485 E: 2476009.979
ELEV = 404.203

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

REFERENCES

WATER
33-20W, 34-19W, & 34-20W

WASTEWATER
BH E-10, BH E-11

STATE OF TEXAS
JASON A. SNYDER
123328
LICENSED
PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Jason A. Snyder, P.E. 123328 on May 20, 2020

Kimley»Horn
Texas Registration No. F-928

PID: 3078 | CONTRACT NO. 20-239/240

8" WATER & 8" WASTEWATER

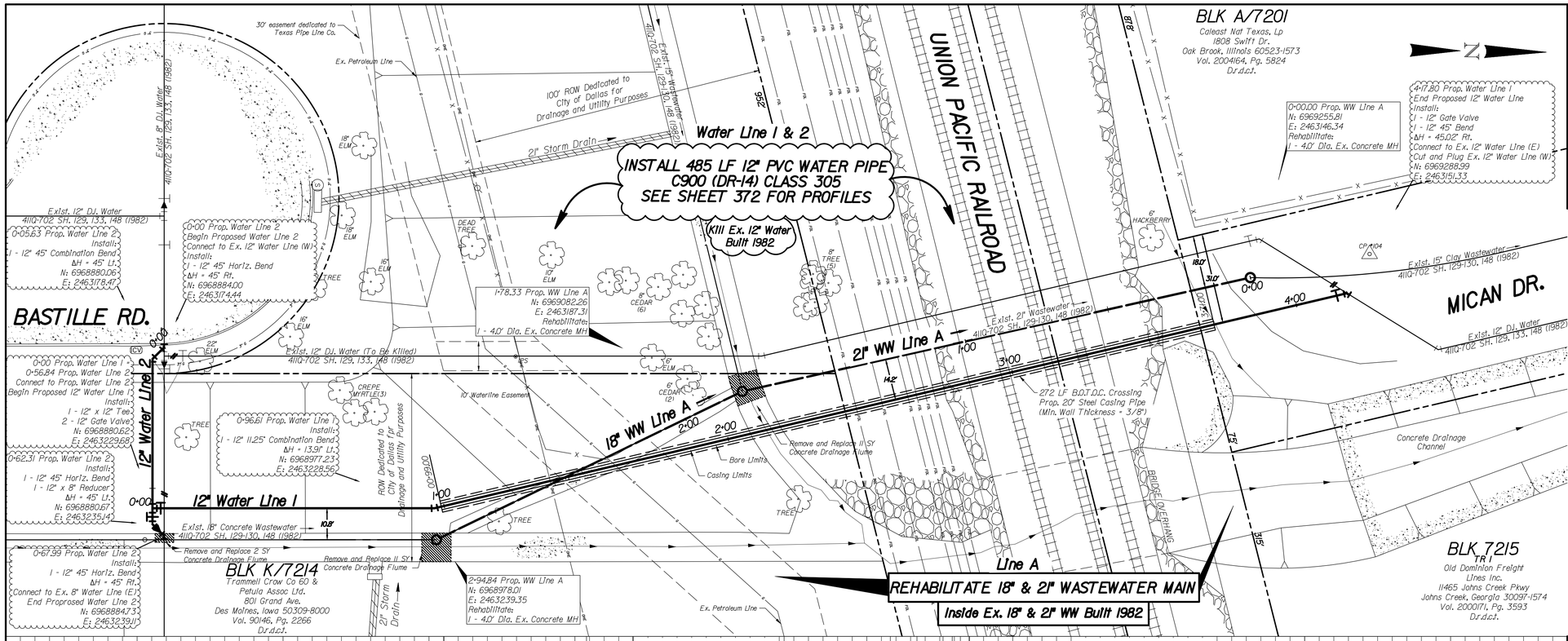
GRETNA STREET

MISSISSIPPI AVENUE TO LUPO DRIVE

DALLAS WATER UTILITIES

CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
JAS	MLD	MAY 2020	4110	1780	222

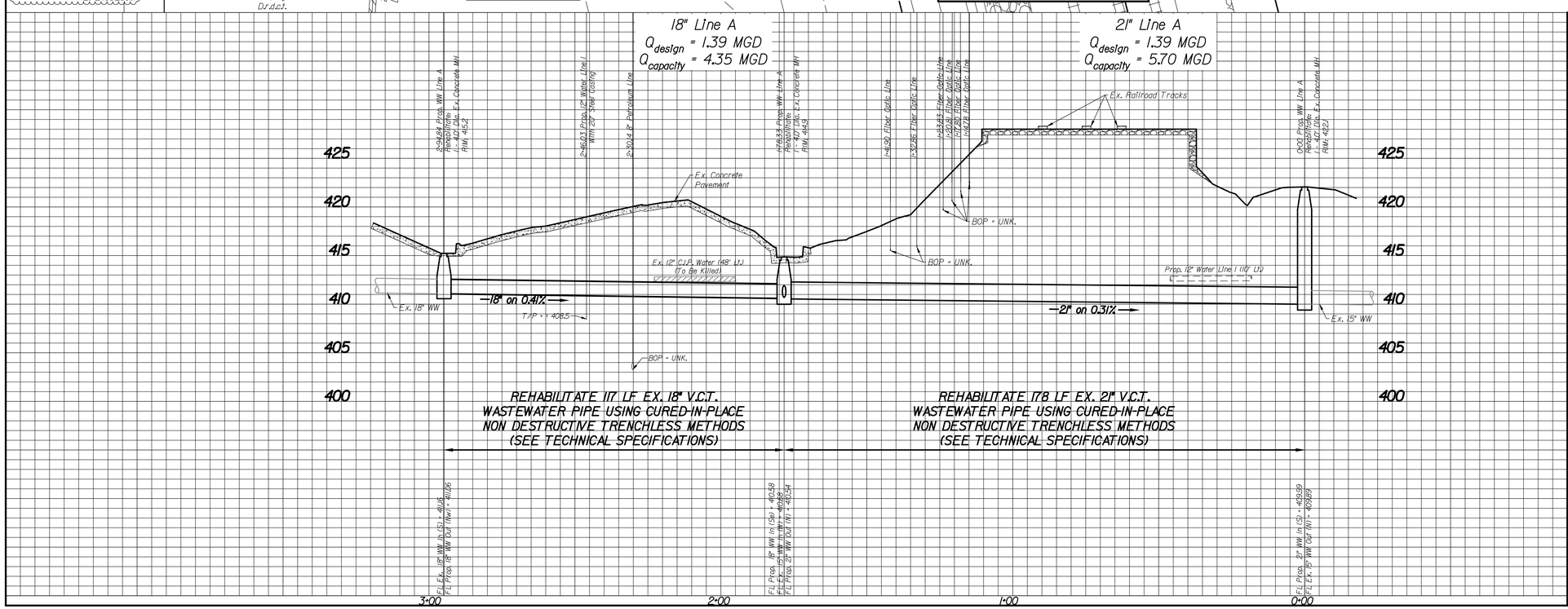


CAUTION ~ FIBER !
Underground Fiber Optic Cables In Area
Contact Century Link and AT&T
Two Working Days Prior To Construction.
Tele: 214-764-2535
Tele: 214-205-8922

CAUTION ~ PETROLEUM !
Underground Petroleum Line In Area
Contact Magellan Two Working
Days Prior To Construction.
Tele: 469-352-5108

NOTES:

1. See Sheet 4110-0132 SH. 006 for General Notes.
2. The Ground Survey Was Performed By PBJ Surveying, LLC On November 12, 2019. The Design Relies On The Assumptions Provided By The Survey.
3. Contractor Required to Perform CCTV Prior to Construction Activities and Notify the Engineer If Damage Is Present to the Existing Wastewater Line. To Be Paid for Under Investigation Bid Item.
4. Prior to Construction, Contractor Required to Perform a Test Hole Investigation on 8" Petroleum Line. To Be Paid for Under Investigation Bid Item.
5. Contractor Shall Follow All Safety Requirements for Working In or Near Union Pacific Railroad Right-of-Way.



REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK #1
Standard Water Department Benchmark on top of concrete headwall on the east side of Pluto Street at the south corner of the headwall and 155' north of Singleton Blvd.
ELEV = 416.00 MAPSCO 42R

BENCHMARK #2
Standard Water Department Benchmark on top of the nose of a concrete median on the west side of the Intersection of Singleton Blvd. and Pluto St. In the centerline of Singleton Blvd. and 23.5' west of the centerline of Pluto St.
ELEV = 415.55 MAPSCO 42R

CONTROL POINT #101
"X" CUT
N: 6967681.029 E: 2462840.467
ELEV = 434.80

CONTROL POINT #102
1/2" Iron Rod
N: 6967874.328 E: 2462948.021
ELEV = 423.03

CONTROL POINT #103
"X" CUT
N: 6968838.06 E: 2462710.30
ELEV = 418.80

CONTROL POINT #104
1/2" Iron Rod
N: 6968345.355 E: 2462801.624
ELEV = 422.32

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

REFERENCES
WATER
39-16w, 4110\702 Sh. 129, 130, 148
WASTEWATER
39-16s, 4110\702 Sh. 129, 133, 148

STATE OF TEXAS
JASON A. SNYDER
123328
LICENSED
PROFESSIONAL ENGINEER

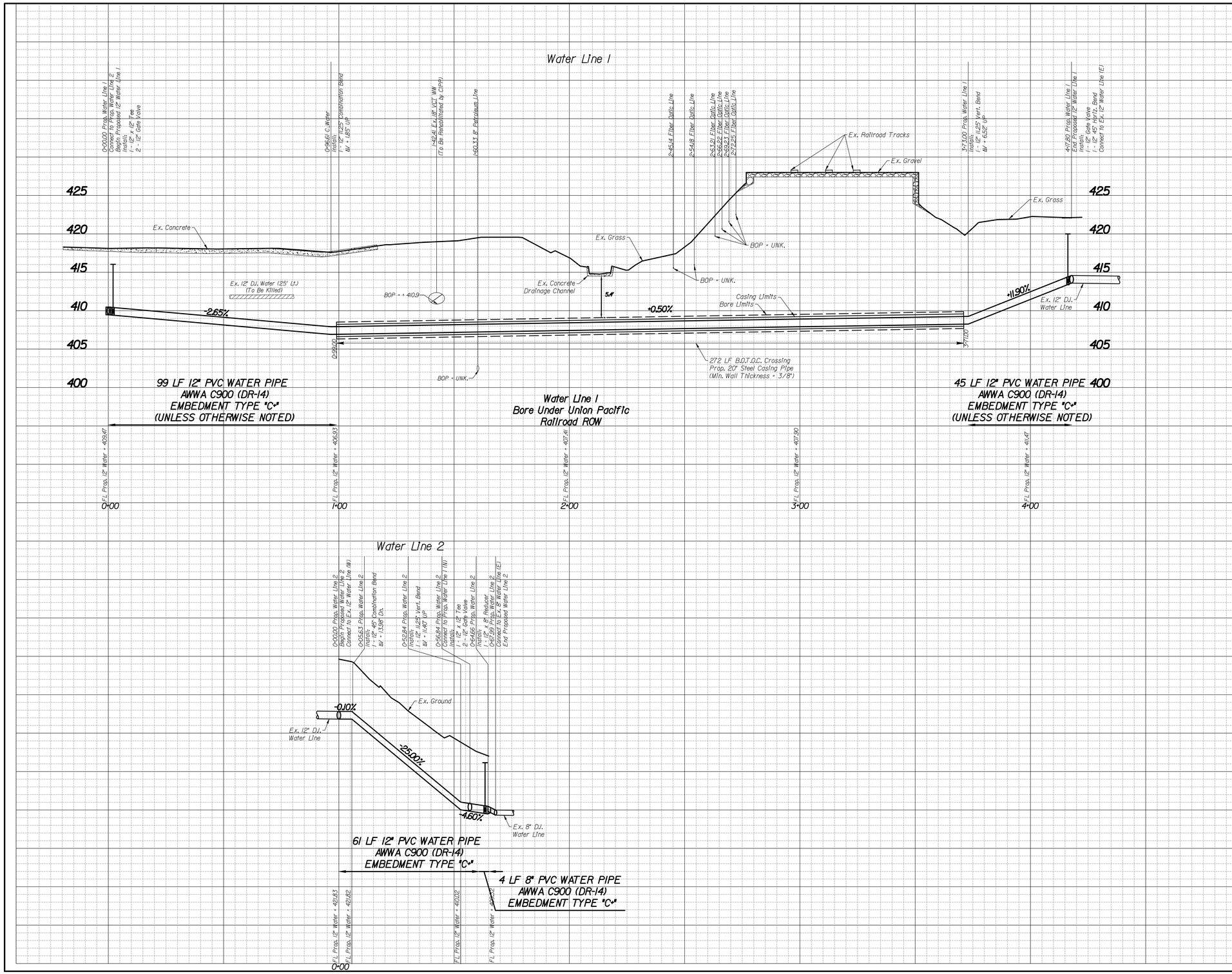
The seal appearing on this document was authorized by Jason A. Snyder, P.E. 123328 on May 20, 2020

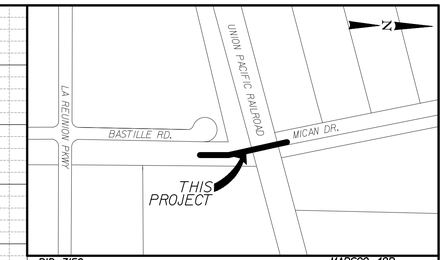
Kimley»Horn
Texas Registration No. F-928

PID: 3150 | CONTRACT NO. 20-239/240

12" WATER & WASTEWATER
MICAN DRIVE
NORTH OF BASTILLE ROAD
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
JAS	MLD	MAY 2020	411Q	1702	371





PID: 3150 MAPSCO: 42R

CAUTION ~ FIBER 1
Underground Fiber Optic Cables In Area
Contact Century Link and AT&T
Two Working Days Prior To Construction.
Tele: 214-764-2535
Tele: 214-205-8922

CAUTION ~ PETROLEUM 1
Underground Petroleum Line In Area
Contact Magellan Two Working
Days Prior To Construction.
Tele: 469-352-5108

REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK #1
Standard Water Department Benchmark on top of concrete headwall on the east side of Pluto Street at the south corner of the headwall and 155' north of Singleton Blvd.
ELEV = 416.00 MAPSCO 42R

BENCHMARK #2
Standard Water Department Benchmark on top of the nose of a concrete median on the west side of the Intersection of Singleton Blvd. and Pluto St. In the centerline of Singleton Blvd. and 23.5' west of the centerline of Pluto St.
ELEV = 415.55 MAPSCO 42R

CONTROL POINT #101
"X" CUT
N: 6967681.029 E: 2462840.467
ELEV = 434.80

CONTROL POINT #102
1/2" Iron Rod
N: 6967874.328 E: 2462948.021
ELEV = 423.03

CONTROL POINT #103
"X" CUT
N: 6968838.06 E: 2462710.30
ELEV = 418.80

CONTROL POINT #104
1/2" Iron Rod
N: 6968345.355 E: 2462801.624
ELEV = 422.32

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

REFERENCES

WATER
39-16w, 4110-1702 Sh. 129, 130, 148

WASTEWATER
39-16s, 4110-1702 Sh. 129, 133, 148

STATE OF TEXAS
JASON A. SNYDER
123328
LICENSED
PROFESSIONAL ENGINEER

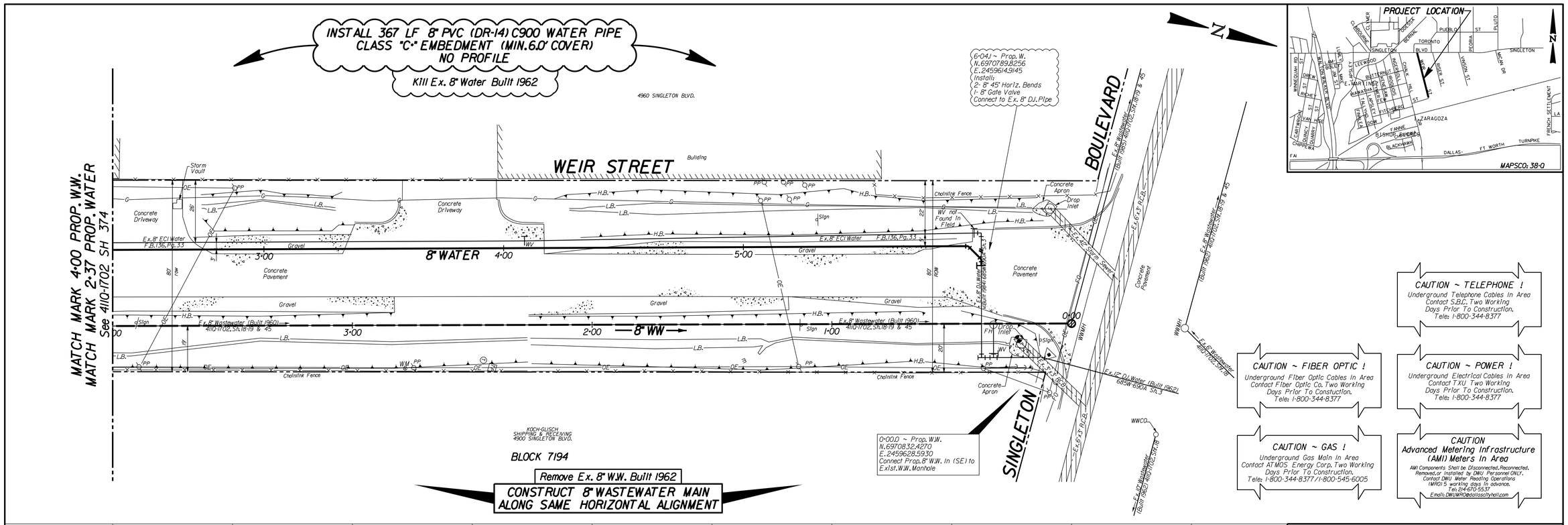
The seal appearing on this document was authorized by Jason A. Snyder, P.E. 123328 on May 20, 2020

Kimley»Horn
Texas Registration No. F-928

PID: 3150 | CONTRACT NO. 20-239/240

12" WATER & WASTEWATER
MICAN DRIVE
NORTH OF BASTILLE ROAD
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
JAS	MLD	MAY 2020	411Q	1702	372



REVISIONS

REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK
Std WDBM (42-Q-6S) set on top of the nose of a concrete median on the West side of the Intersection at the centerline of Singleton Blvd and 30.6' West of the centerline of Palaclos Ave.
ELEV = 422.14'

HORIZONTAL CONTROL POINTS

Point	Northing	Easting	Elev.	Description
CP 101	6970826.654	2459643.611	422.12	1/2" IR
CP 102	6970330.779	2459726.896	425.85	X CUT
CP 103	6969686.989	2459924.254	429.27	X CUT
CP 150	6970268.487	2459777.120	425.94	60D NAIL

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

STATE OF TEXAS
SAEED REZAI
50886
REGISTERED
PROFESSIONAL ENGINEER
5/20/2020
TEXAS MUNICIPAL ENGINEERING, INC.
F-8592

REFERENCES

WATER
38-15W and 39-15W

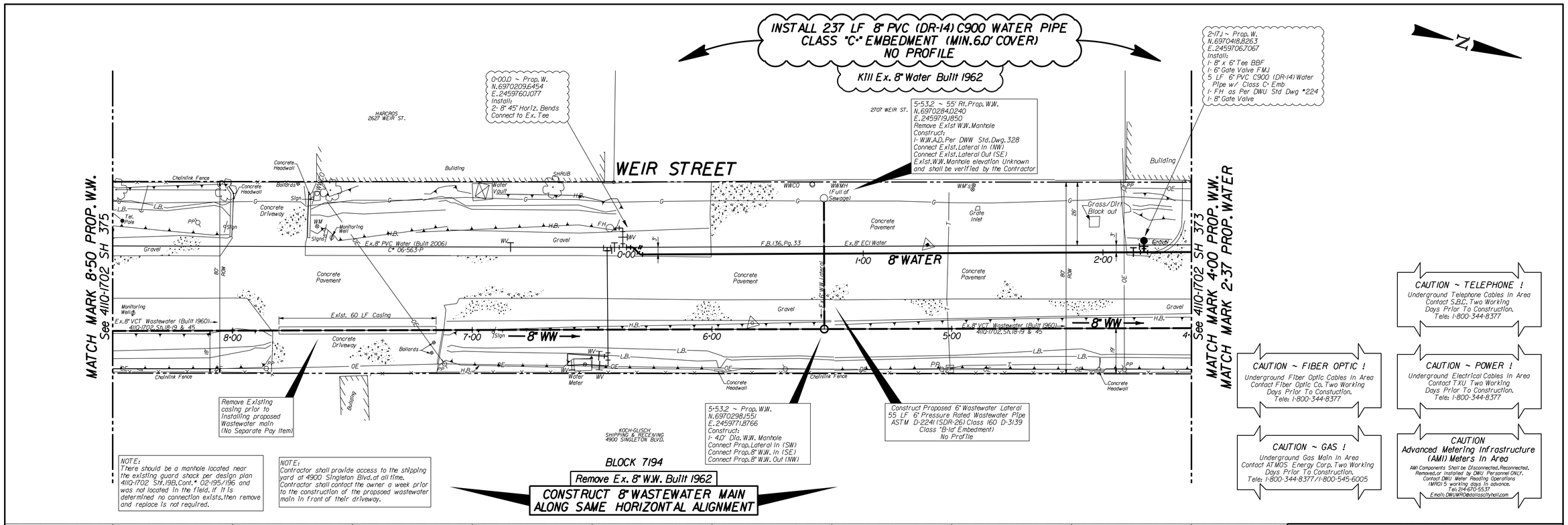
WASTEWATER
38-15S and 39-15S

TEXAS MUNICIPAL ENGINEERING, INC.
16970 DALLAS PARKWAY, SUITE 202
DALLAS, TEXAS 75248
TX REG. ENGINEERING FIRM F-8592
PH. 214.752.0002 FAX 214.752.0003

CONTRACT NO. 20-239/240 | **PID: 3139**

8" W.W. & 8" WATER MAINS
WEIR STREET
SINGLETON BOULEVARD SOUTH
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
TME	TME	MAY 2020	4110	1702	373



REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK
Std WDBM (42-Q-65) set on top of the nose of a concrete median on the West side of the Intersection at the centerline of Singleton Blvd and 30.6' West of the centerline of Palaclos Ave.
ELEV = 422.14'

HORIZONTAL CONTROL POINTS

Point	Northing	Easting	Elev.	Description
CP 101	6970826.654	2459643.611	422.12	1/2" IR
CP 102	6970330.779	2459726.896	425.85	X CUT
CP 103	6969686.989	2459924.254	429.27	X CUT
CP 150	6970268.487	2459777.120	425.94	60D NAIL

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

STATE OF TEXAS
SAEED REZAI
50886
REGISTERED
PROFESSIONAL ENGINEER
5/20/2020
TEXAS MUNICIPAL ENGINEERING, INC.
F-8592

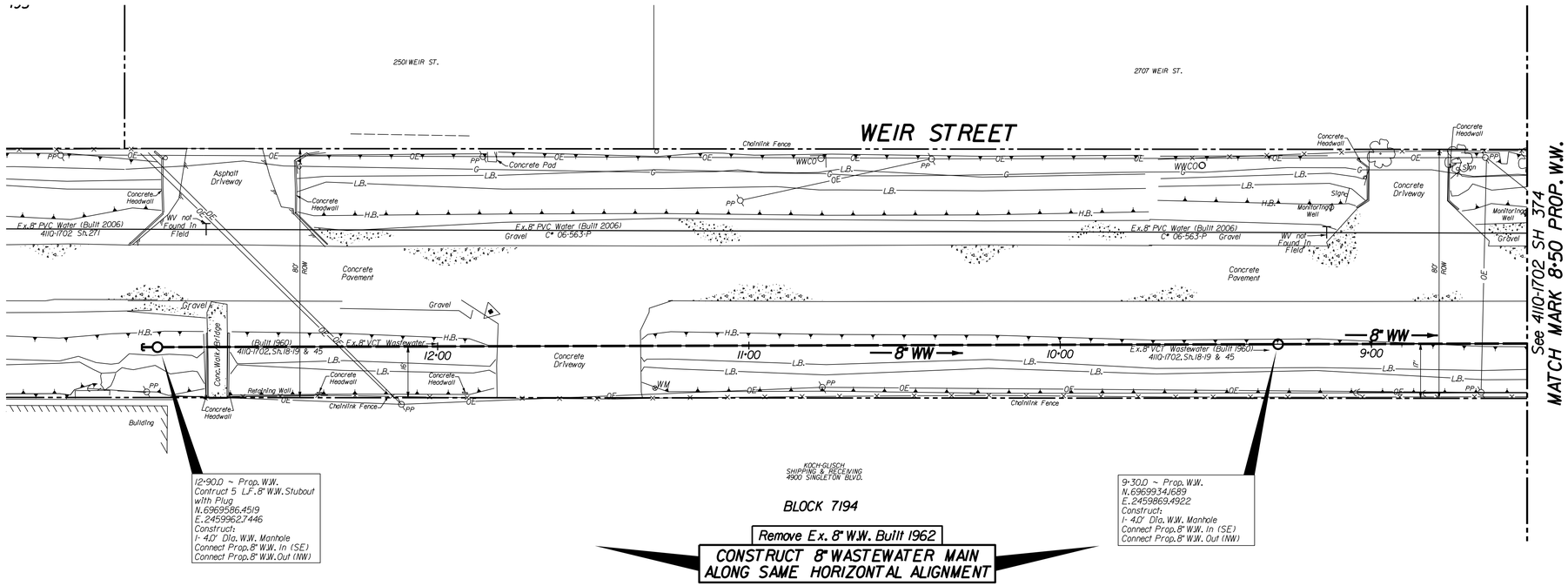
REFERENCES
WATER
38-15W and 39-15W
WASTEWATER
38-15S and 39-15S

TEXAS MUNICIPAL ENGINEERING, INC.
16970 DALLAS PARKWAY, SUITE 202
DALLAS, TEXAS 75248
TX REG. ENGINEERING FIRM F-8592
PH. 214.752.0002 FAX 214.752.0003

CONTRACT NO. 20-239/240 | **PID: 3139**

8" W.W. & 8" WATER MAINS
WEIR STREET
SINGLETON BOULEVARD SOUTH
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
TME	TME	MAY 2020	4110	1702	374



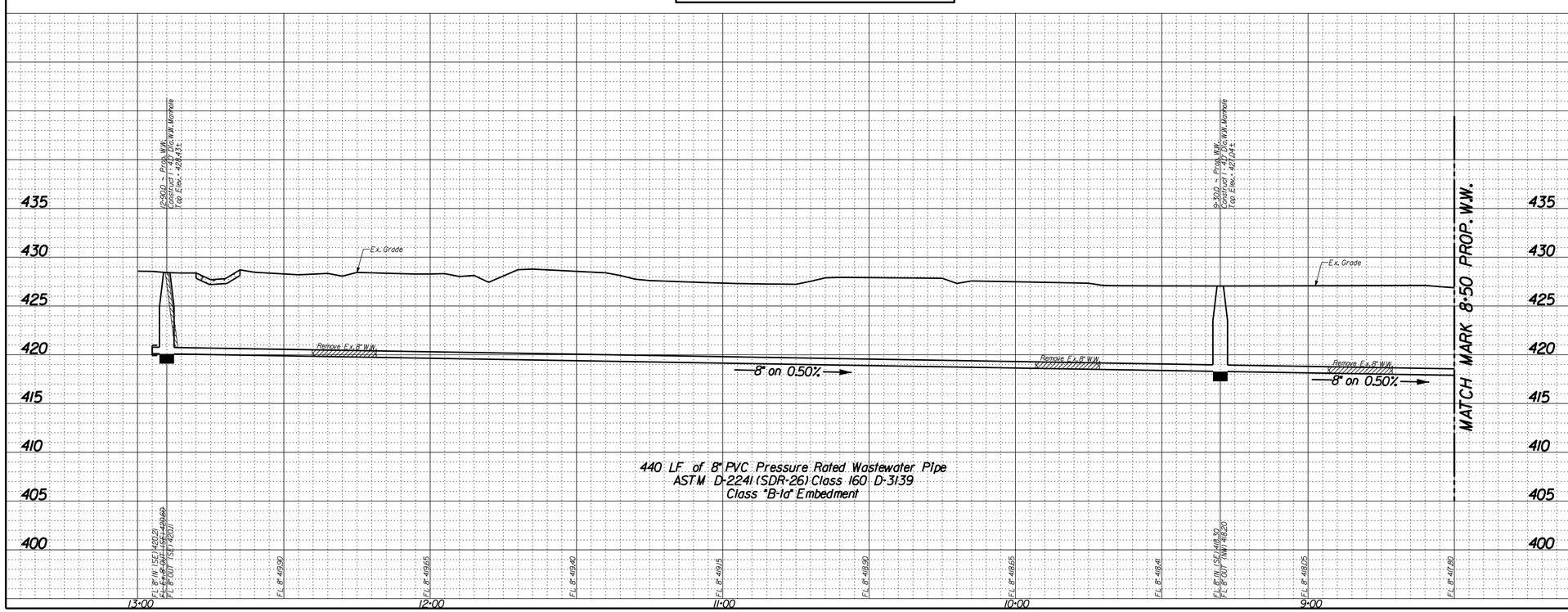
CAUTION ~ TELEPHONE !
Underground Telephone Cables In Area
Contact S.B.C. Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

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
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: 214-670-5537
Email: DWUWRO@dallascityhall.com



REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK
Std WDBM (42-Q-65) set on top of the nose of a concrete median on the West side of the Intersection at the centerline of Singleton Blvd and 30.6' West of the centerline of Palacios Ave.
ELEV = 422.14'

HORIZONTAL CONTROL POINTS

Point	Northing	Easting	Elev.	Description
CP 101	6970826.654	2459643.611	422.12	1/2" IR
CP 102	6970330.779	2459726.896	425.85	X CUT
CP 103	6969686.989	2459924.254	429.27	X CUT
CP 150	6970268.487	2459777.120	425.94	60D NAIL

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

REFERENCES
WATER
38-15W and 39-15W
WASTEWATER
38-15S and 39-15S

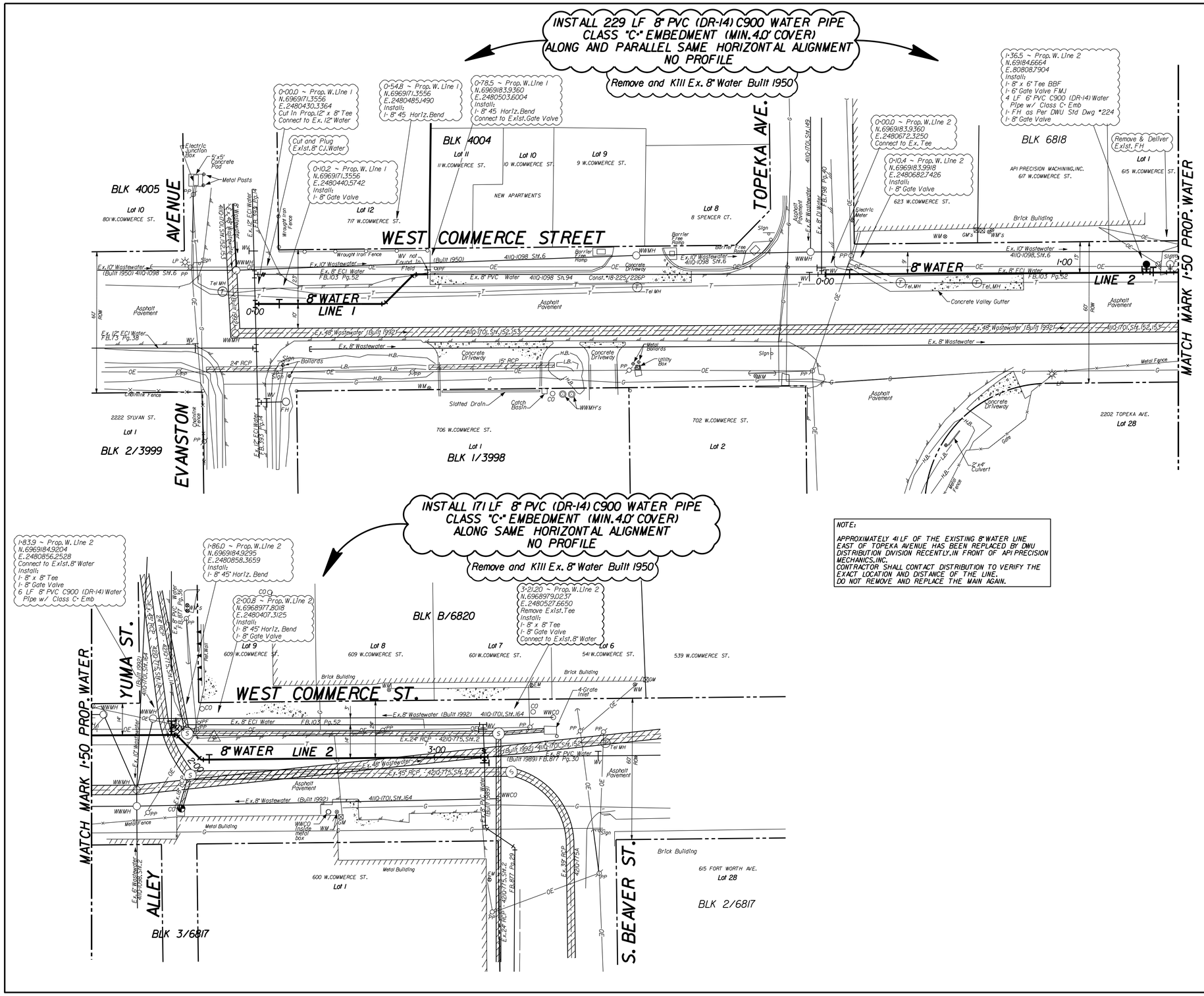
STATE OF TEXAS
SAEED REZAI
50886
REGISTERED
PROFESSIONAL ENGINEER
5/20/2020
TEXAS MUNICIPAL ENGINEERING, INC.
F-8592

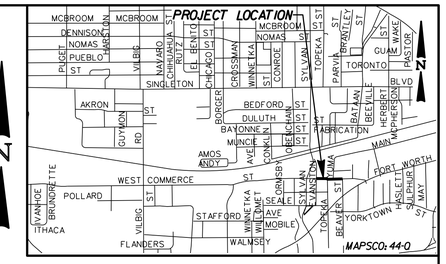
TEXAS MUNICIPAL ENGINEERING, INC.
16970 DALLAS PARKWAY, SUITE 202
DALLAS, TEXAS 75248
TX REG. ENGINEERING FIRM F-8592
PH. 214.752.0002 FAX 214.752.0003

CONTRACT NO. 20-239/240 | PID: 3139

8" W.W. & 8" WATER MAINS
WEIR STREET
SINGLETON BOULEVARD SOUTH
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
TME	TME	MAY 2020	4110	1702	375





NOTE:

APPROXIMATELY 41 LF OF THE EXISTING 8" WATER LINE EAST OF TOPEKA AVENUE HAS BEEN REPLACED BY DWU DISTRIBUTION DIVISION RECENTLY. IN FRONT OF API PRECISION MECHANICS, INC.
CONTRACTOR SHALL CONTACT DISTRIBUTION TO VERIFY THE EXACT LOCATION AND DISTANCE OF THE LINE.
DO NOT REMOVE AND REPLACE THE MAIN AGAIN.

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
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: 214-670-5537
Email: DWUMRO@dallascityhall.com

REVISIONS

REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK
A Standard Water Department Benchmark is set on top of a concrete curb at the center of a Storm Sewer Drop Inlet at the Southwest corner of the Intersection
ELEV = 417.19'

HORIZONTAL CONTROL POINTS

Point	Northing	Easting	Elev.	Description
CP 116	6969183.830	2480874.367	413.37	X CUT
CP 117	6969148.283	2480353.460	411.61	X CUT

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

REFERENCES
WATER
39-21W
WASTEWATER
39-21S

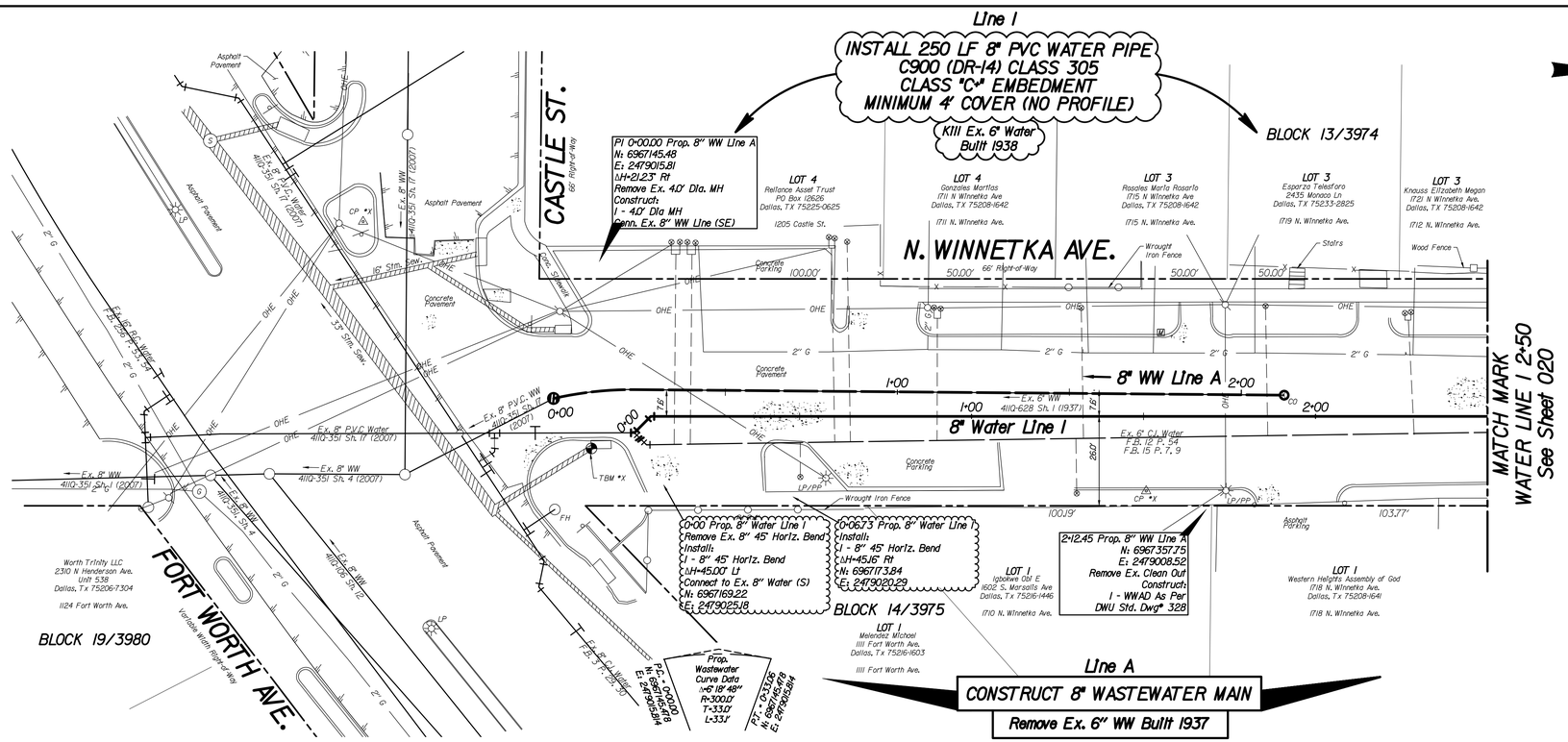
STATE OF TEXAS
SAEED REZAI
50886
REGISTERED PROFESSIONAL ENGINEER
5/20/2020
TEXAS MUNICIPAL ENGINEERING, INC.
F-8592

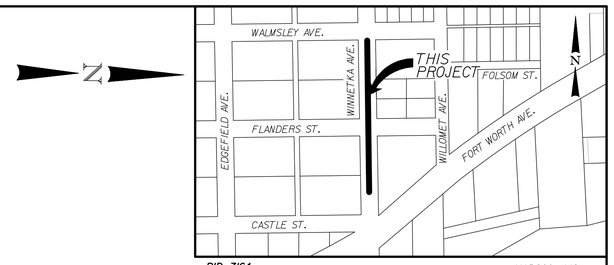
TEXAS MUNICIPAL ENGINEERING, INC.
16970 DALLAS PARKWAY, SUITE 202
DALLAS, TEXAS 75248
TX REG. ENGINEERING FIRM F-8592
PH. 214.752.0002 FAX 214.752.0003

CONTRACT NO. 20-239/240 | **PID: 6006**

8" WATER MAIN
WEST COMMERCE STREET
BEAVER ST. TO EVANSTON AVE.
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
TME	TME	MAY 2020	4110	1098	102





PID: 3164

MAPSCO: 44S

CAUTION ~ TELEPHONE I
Underground Telephone Cables In Area
Contact Spectrum Two Working
Days Prior To Construction.
Tele: 1-833-267-6094

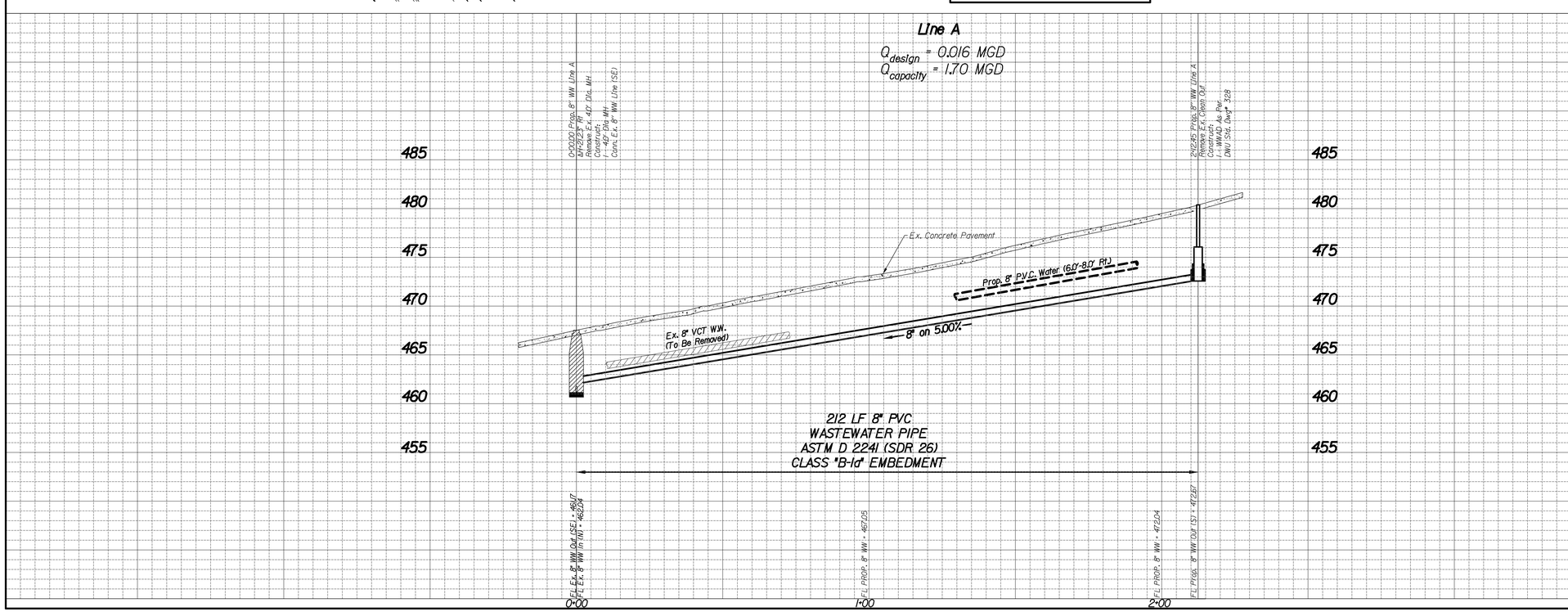
CAUTION ~ POWER I
Underground Electrical Cables In Area
Contact Oncor Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

CAUTION ~ GAS I
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 ~ TELEPHONE I
Underground Telephone Cables In Area
Contact AT&T Two Working
Days Prior To Construction.
Tele: 1-800-331-0500

NOTES:

1. See Sheet 4110-0132 SH. 006 for General Notes.
2. The Ground Survey Was Performed By Dal-Tech Engineering, Inc. On January 3, 2020. The Design Relies On The Assumptions Provided By The Survey.
3. Contractor Shall Utilize Shorter PVC Pipe And/Or Couplings (Up to 5 Deg.) Along Horizontal Curves As Necessary. Alignment Curve Shall Be Produced By Deflection At The Joint Only. The Pipeline Itself Shall Not Be Deflected In Any Way. Cost For Shorter Pipe Shall Be Considered Subsidiary To The Unit Price For 8" PVC Wastewater Main.



REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

DWU BENCHMARK 044T
Standard Water Department Benchmark Is set on top of a concrete curb at the Southwest corner of the Intersection.
ELEV = 464.32 MAPSCO 44S
CONTROL POINT #113 - "X" Cut
N: 6967156.845 E: 2479030.042
ELEV = 468.07
CONTROL POINT #105 - "X" Cut
N: 6979785.851 E: 2479025.162
ELEV = 402.75

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

REFERENCES
WATER
40-21w
WASTEWATER
40-21s

STATE OF TEXAS
JASON A. SNYDER
123328
LICENSED
PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Jason A. Snyder, P.E. 123328 on May 20, 2020

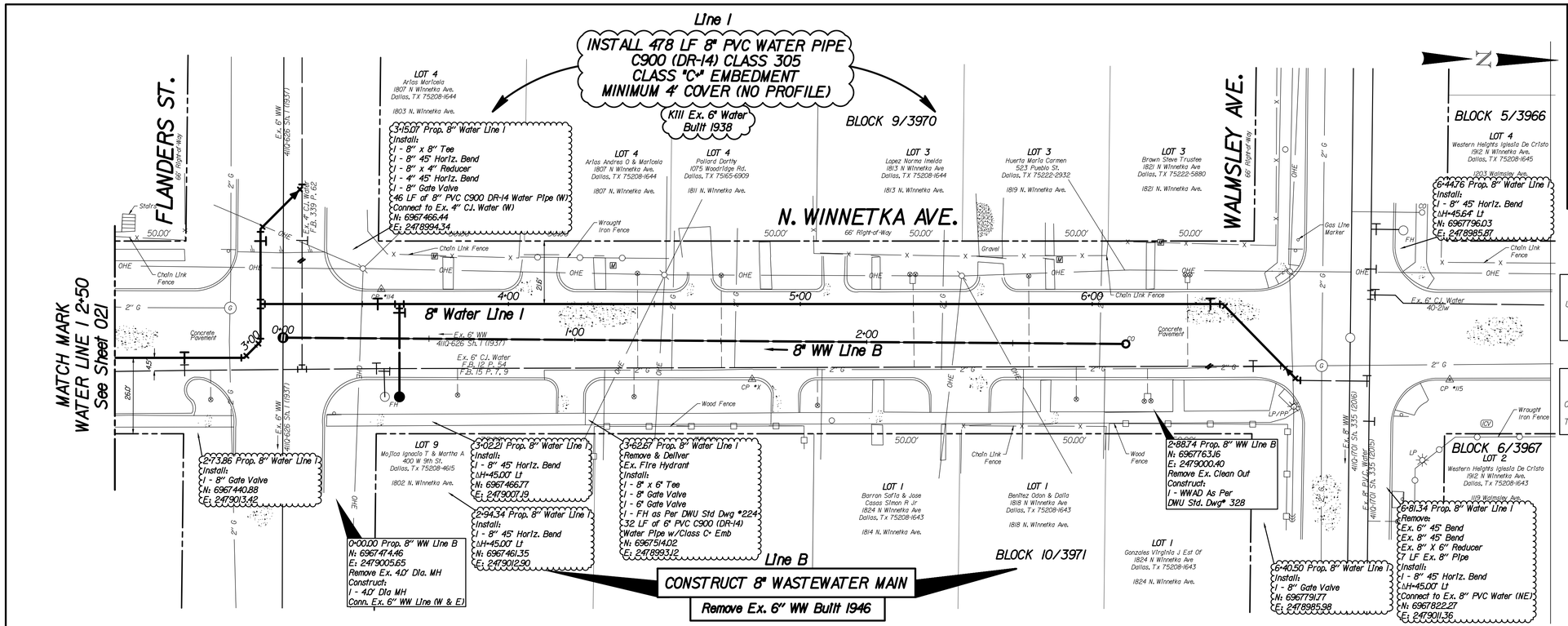
Kimley»Horn
Texas Registration No. F-928

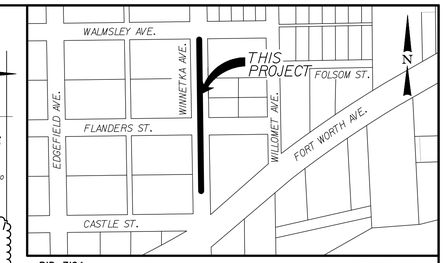
PID: 3164 | CONTRACT NO. 20-239/240

8" WASTEWATER & 8" WATER

WINNETKA AVENUE
FORT WORTH AVE. TO WALMSLEY AVE.
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
JAS	JDJ	MAY 2020	4110	0351	020





PID: 3164

MAPSCO: 44S

CAUTION ~ TELEPHONE I
Underground Telephone Cables In Area
Contact Spectrum Two Working
Days Prior To Construction.
Tele: 1-833-267-6094

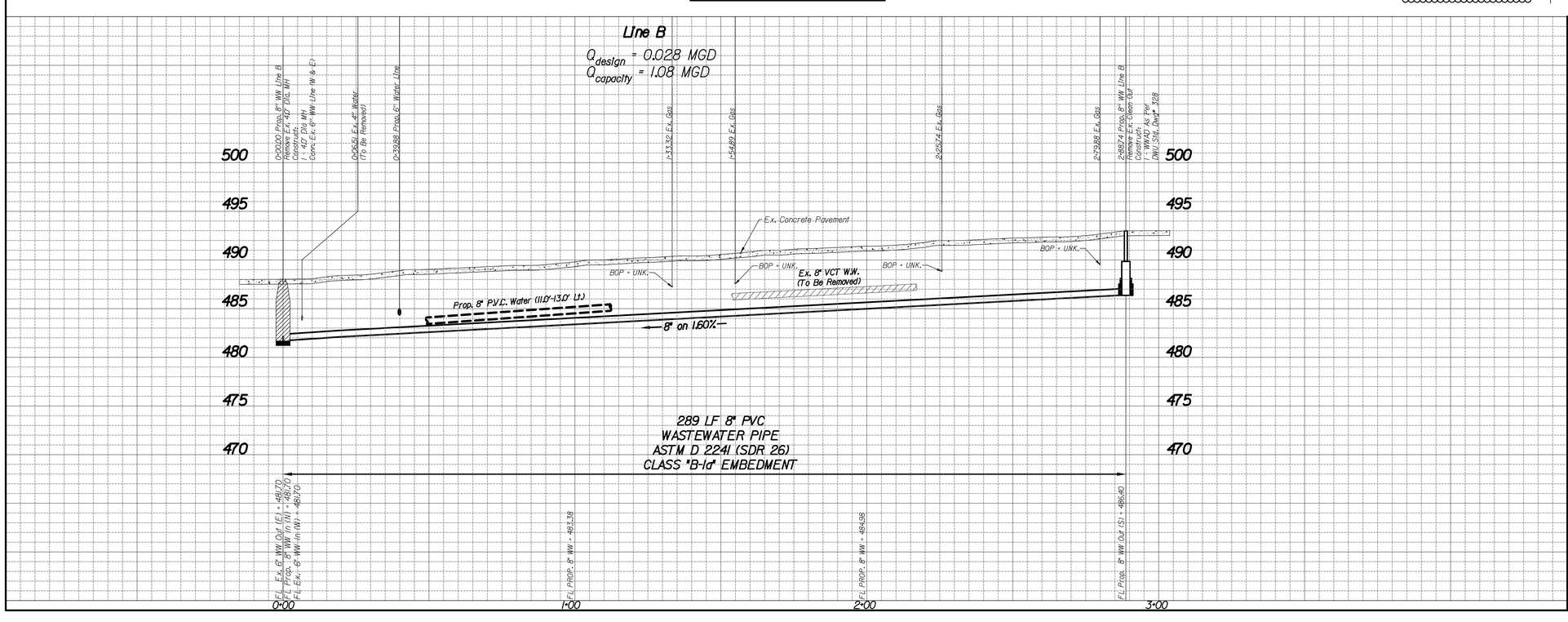
CAUTION ~ POWER I
Underground Electrical Cables In Area
Contact Oncor Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

CAUTION ~ GAS I
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 ~ TELEPHONE I
Underground Telephone Cables In Area
Contact AT&T Two Working
Days Prior To Construction.
Tele: 1-800-331-0500

NOTES:

1. See Sheet 4110-0132 SH. 006 for General Notes.
2. The Ground Survey Was Performed By Dal-Tech Engineering, Inc. On January 3, 2020. The Design Relies On The Assumptions Provided By The Survey.



REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

DWU BENCHMARK 044T
Standard Water Department Benchmark Is set on top of a concrete curb at the Southwest corner of the Intersection.
ELEV = 464.32 MAPSCO 44S
CONTROL POINT #114 - "X" Cut
N: 6967507.676 E: 2478988.206
ELEV = 489.38
CONTROL POINT #115 - "X" Cut
N: 6967874.409 E: 2479009.782
ELEV = 494.47

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

REFERENCES

WATER
40-21w, F.B. 15, F.B. 19

WASTEWATER
4110-628, 4110-626

STATE OF TEXAS
JASON A. SNYDER
123328
LICENSED
PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Jason A. Snyder, P.E. 123328 on May 20, 2020

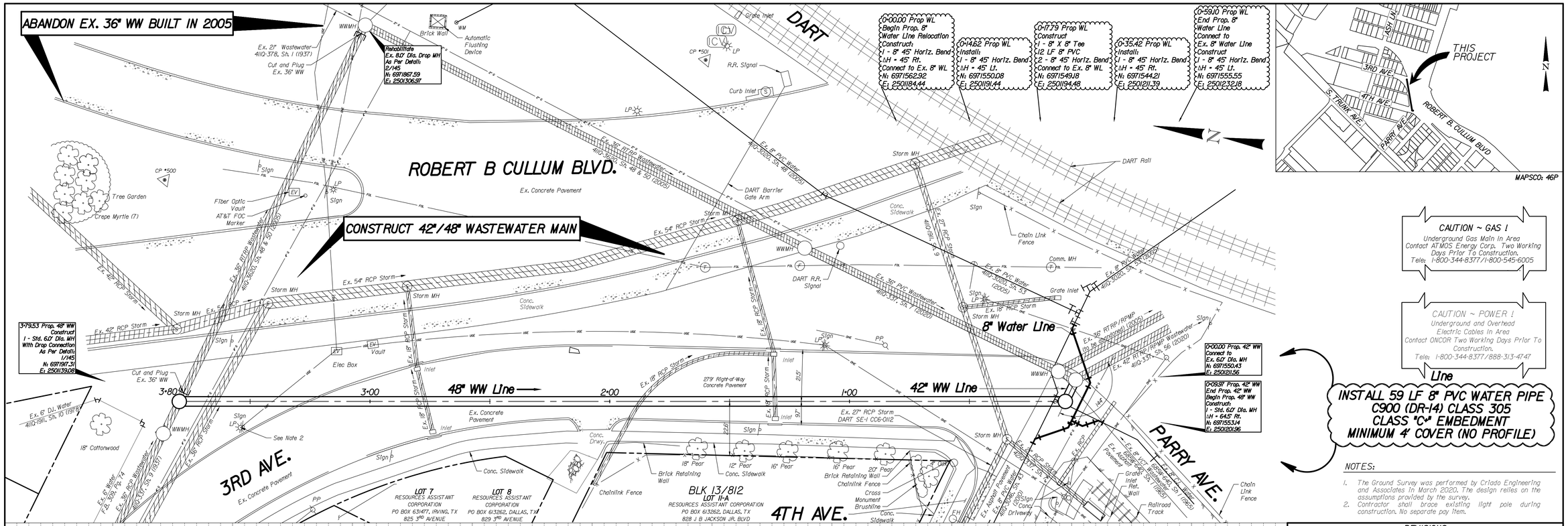
Kimley»Horn
Texas Registration No. F-928

PID: 3164 | CONTRACT NO. 20-239/240

8" WASTEWATER & 8" WATER

WINNETKA AVENUE
FORT WORTH AVE. TO WALMSLEY AVE.
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

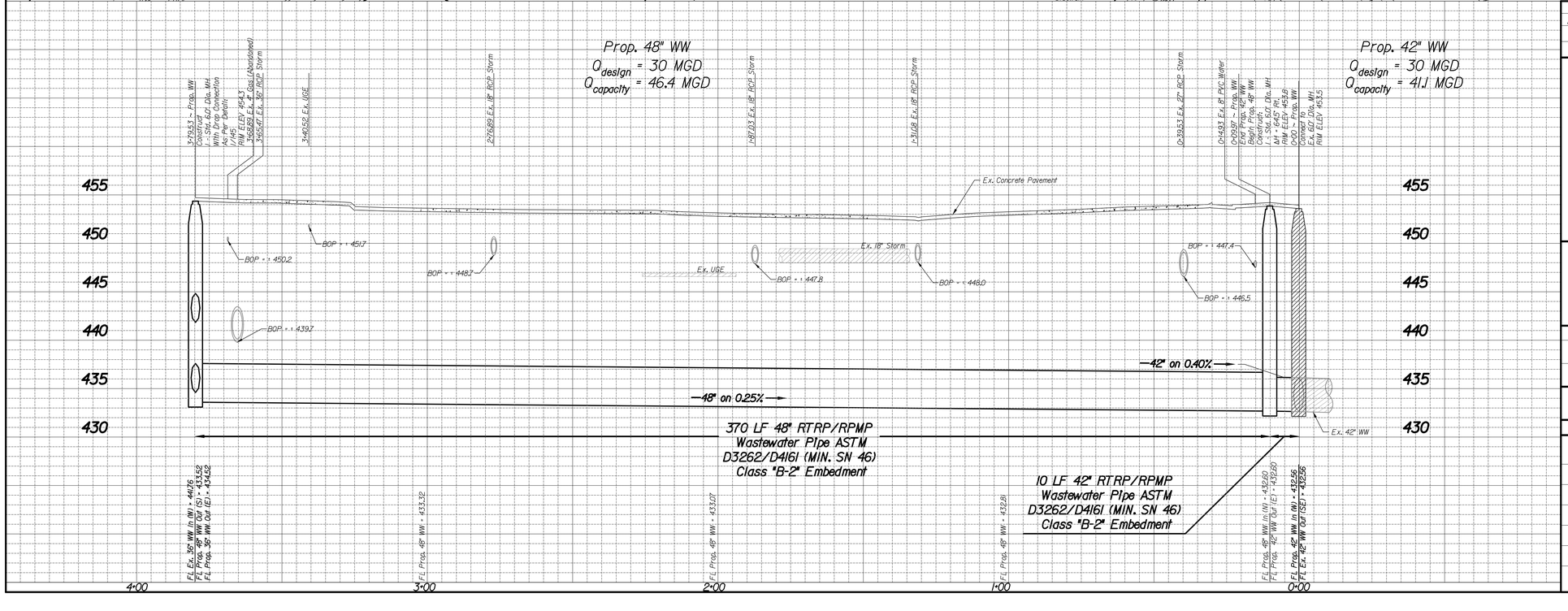
DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
JAS	JDJ	MAY 2020	4110	0351	021



INSTALL 59 LF 8" PVC WATER PIPE
C900 (DR-14) CLASS 305
CLASS "C" EMBEDMENT
MINIMUM 4' COVER (NO PROFILE)

NOTES:

1. The Ground Survey was performed by Criado Engineering and Associates In March 2020. The design relies on the assumptions provided by the survey.
2. Contractor shall brace existing light pole during construction. No separate pay item.



REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

Horizontal Scale: 1" = 20'
Vertical Scale: 1" = 6'

REFERENCES
WATER 38-28W
WASTEWATER 38-28S

STATE OF TEXAS — MARTY S. PARIS 84766 — LICENSED PROFESSIONAL ENGINEER

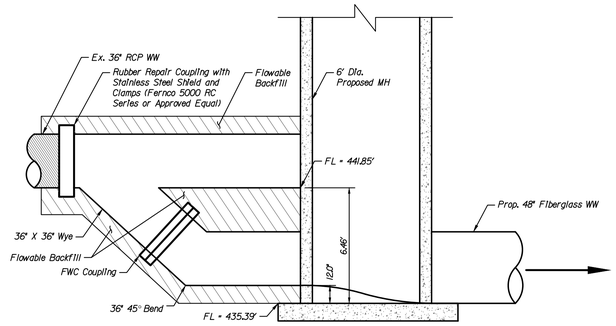
The seal appearing on this document was authorized by Marty S. Paris, P.E. 84766 on May 20, 2020

Kimley»Horn

PID: 5218 | CONTRACT NO. 20-239/240

42"/48" Wastewater Main
3rd Avenue
From 4th Ave./Parry Ave. North 370 LF
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

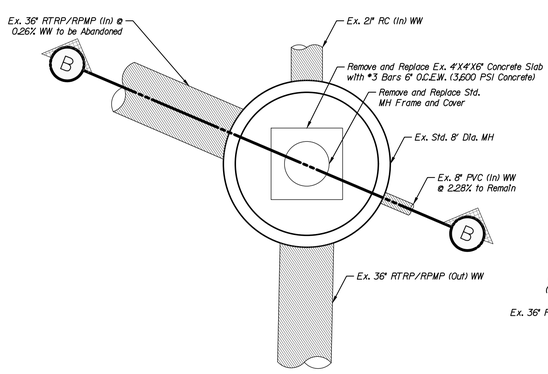
DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
DJC	RAK	MAY 2020	4110	3020	144



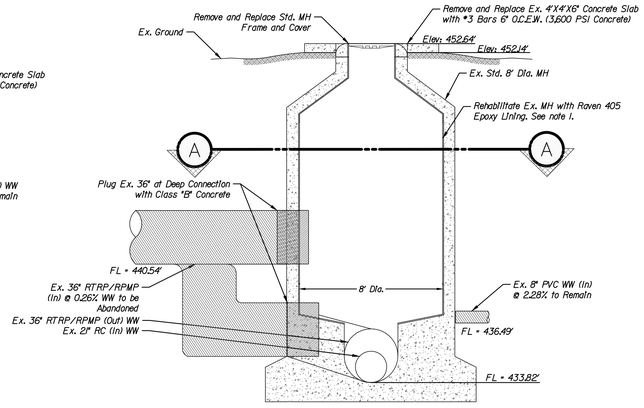
Upstream Drop MH Connection
DETAIL

1
145

SCALE: 1/4" = 1'



Plan View A



Section View B

NOTES:

1. The existing manhole has significant wall loss due to corrosion. The Contractor shall install the lining with a minimum base coat of 1.5-inches of Raven 755 and 125 mils of Raven 405.

Manhole Rehabilitation
DETAIL

2
145

SCALE: 1/4" = 1'

N

REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

Horizontal Scale: As Shown

REFERENCES

WATER
38-28W

WASTEWATER
38-28S

STATE OF TEXAS
MARTY S. PARIS
84766
LICENSED
PROFESSIONAL ENGINEER

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Kimley»Horn

PID: 5218 | CONTRACT NO. 20-239/240

Manhole Details

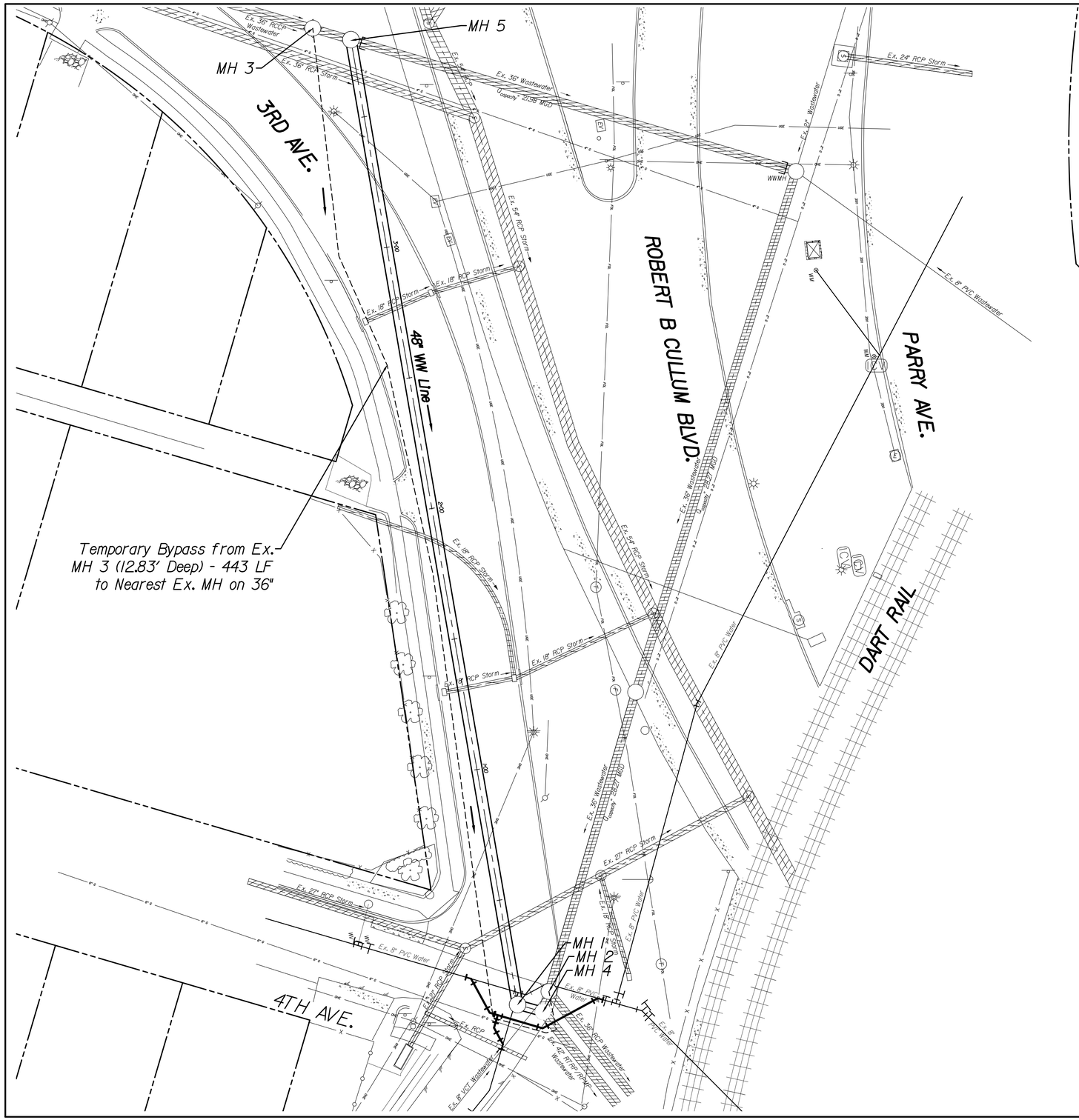
3rd Avenue

From 4th Ave./Parry Ave. North 370 LF

DALLAS WATER UTILITIES

CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
DJC	RAK	MAY 2020	4110	3020	145



NOTES:

1. The Contractor shall provide and maintain adequate bypass equipment, force mains, and other necessary appurtenances in order to maintain reliable sanitary sewer service in all sanitary sewer lines as required for construction.
2. The Contractor shall have backup pump(s), force main(s), and appurtenances ready to deploy immediately. Appurtenances and discharge points shall be approved by the Inspector.
3. Any spillage, backups and/or overflows, etc. as the result of inadequate equipment are the sole responsibility of the Contractor.
4. The Contractor shall demonstrate that the pumping system is in good working order and is sufficiently sized to successfully handle flows by performing a test run for a period of 24 hours prior to beginning the work. Testing is not to be scheduled during weekend hours.
5. The Contractor shall be required to have all materials, equipment and labor necessary to complete the repair or replacement on the job site prior to isolating the sewer manhole or line segment and beginning flow diversion operations.
6. The Contractor will be required to provide in writing a sequence of flow diversion for review and approval by the Inspector. The Contractor shall also provide the Inspector a sketch showing the location of flow diversion equipment for each line segment(s) around which flows are diverted.
7. Once new sewer collection system has been completed, tested and accepted, the Contractor shall cease flow diversion operations and return flows to the new and/or existing sewer when directed by the Inspector.
8. All piping(s), joints and accessories of the flow diversion system shall be designed to withstand at least twice the maximum system pressure, or a minimum of 50 psi whichever is greater.
9. During flow diversion, no sewage shall be leaked, dumped, or spilled in or unto, any area outside of the existing sanitary sewer system and temporary by-pass system. When flow diversion operations are complete, all flow diversion shall be drained into the sanitary sewer prior to disassembly.
10. The Contractor shall plug off and pump down the sewer manhole or line segment in the immediate work area and shall maintain the sanitary sewer system so that surcharging does not occur. Where work requires the line to be blocked beyond working hours, Contractor shall operate flow diversion and man the system 24 hours a day.
11. The Contractor shall ensure that no damage will be caused to private property as a result of flow diversion operations. Ingress and egress to adjacent properties shall be maintained at all times. Ramps, steel plates or other methods shall be deployed by the contractor to facilitate traffic over surface piping. High traffic commercial properties may require alternate methods.
12. The Contractor shall immediately notify the Inspector should a surcharge occur that results in an overflow of sewage. If the Contractor is unable to remedy the situation, then he should suspend or terminate the work until such time as the overflows have been controlled. Should such surcharge damage the materials and/or equipment that are used on the Job and/or adjacent property, it shall be corrected at no additional cost to the Owner.
13. In the event that sewage accidentally drains into the drainage system or street, the Contractor shall immediately stop the overflow, notify the Inspector, and take the necessary action to clean up and disinfect the spillage to the satisfaction of the Inspector. If sewage is spilled onto public or private property, the Contractor shall wash down, clean up and disinfect the spillage to the satisfaction of the Inspector.
14. The Contractor shall not intentionally damage or remove portions of existing storm sewer system structures or sanitary sewer structures for the purpose of installing the flow diversion system without specific approval from the Inspector. If a structure is damaged, it shall be reconstructed or replaced to the satisfaction of the Inspector at no additional cost to the Owner.
15. The City of Dallas shall not be responsible for any damage to the flow diversion system sustained by the Contractor directly or indirectly as result of storm water runoff within streets, ditches and/or storm sewer systems. The Contractor shall be responsible for any and all damage that results directly or indirectly from the interference of storm water runoff to flow diversion equipment, piping and/or appurtenances. The contractor shall establish adequate flow diversion as required regardless of the flow conditions.
16. Contractor will be required to provide temporary vehicular access across any bypass piping crossing public R.O.W. (no separate pay item).
17. The Contractor shall be responsible for observing weather forecasts and notifying inspector of any severe weather possibilities during construction. In the event of inclement weather, the Contractor shall be responsible for suspending all bypass activities, including the cost of any mobilization, de-mobilization, and re-mobilization.
18. Shown pipe capacities are approximate and were obtained from available record information.

SEQUENCING NOTES:

A. Construct proposed 42" and 48" wastewater line and MH 1.

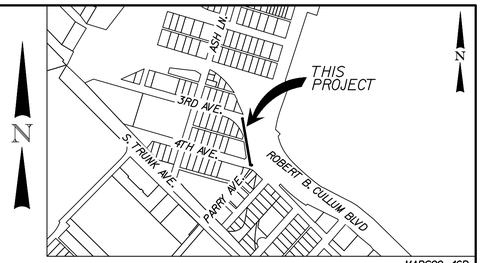
B. Establish temporary bypass pumping from existing MH 3 to MH 2 along 3rd Avenue. Contractor shall verify that the existing 36-inch wastewater main is still in service across the DART railroad. If the existing 36-inch main is not in service, the Contractor shall install a temporary manhole on the existing 42-inch wastewater main to facilitate bypass pumping. No separate pay item.

C. Tie in to existing MH 4 at station 0+00.

D. Construct MH 5 at station 3+80 and tie in to existing 36" wastewater line.

E. Test line from station 0+00 to 3+80.

F. Remove temporary bypass pumping specified in B-E.



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 ~ POWER !
Underground and Overhead Electric Cables In Area
Contact ONCOR Two Working Days Prior To Construction.
Tele: 1-800-344-8377/888-313-4747

Legend:
- Temporary Bypass
- Flow Direction

REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

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

REFERENCES
WATER 38-28W
WASTEWATER 38-28S

STATE OF TEXAS — MARTY S. PARIS 84766 — LICENSED PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Marty S. Paris, P.E. 84766 on May 20, 2020

Kimley»Horn

PID: 5218 | CONTRACT NO. 20-239/240

36" Bypass Pumping Plan

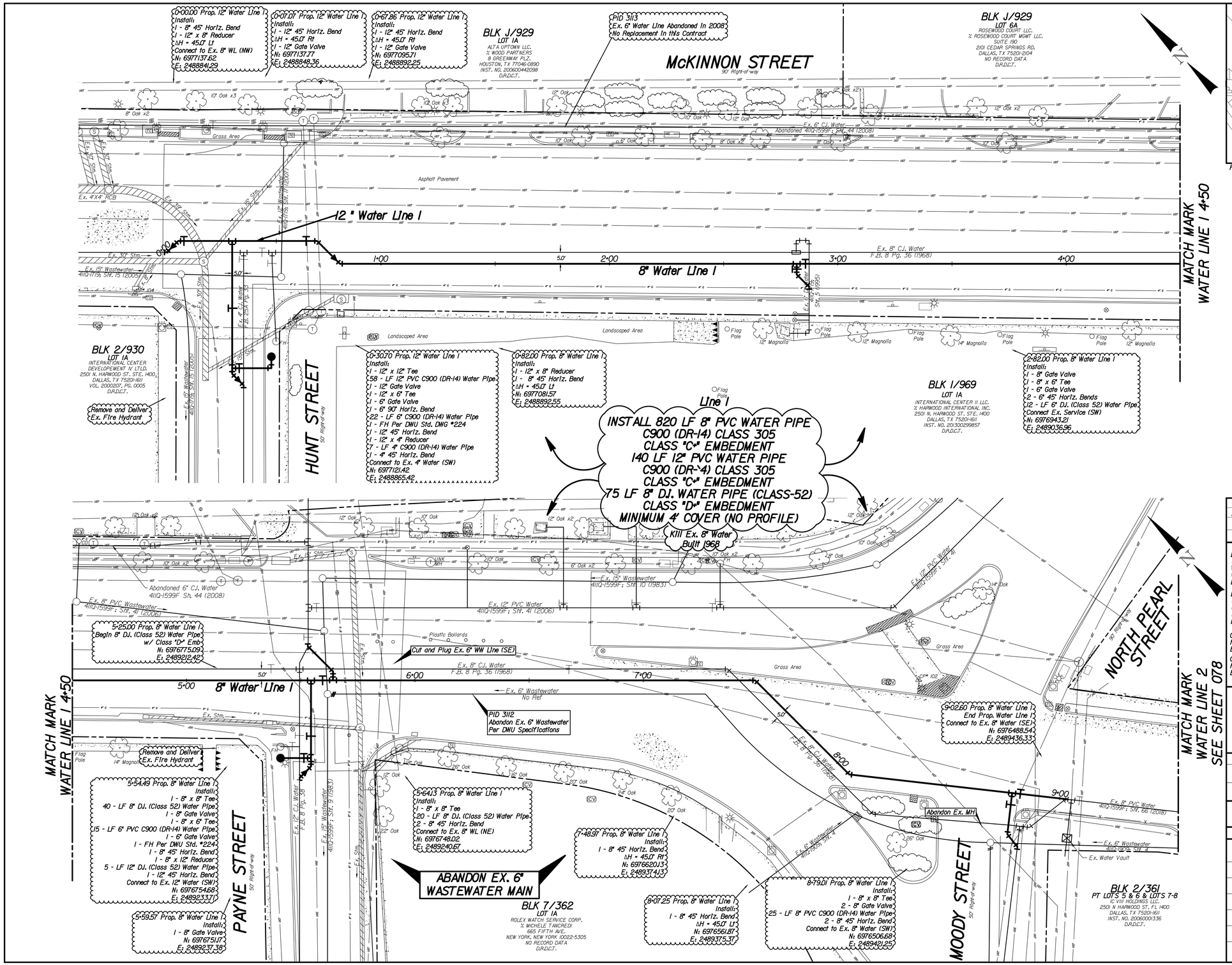
3rd Avenue

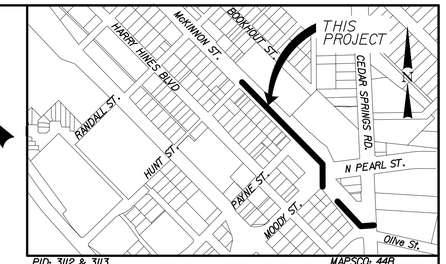
From 4th Ave./Parry Ave. North 370 LF

DALLAS WATER UTILITIES

CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
MSP	RAK	MAY 2020	4110	3020	146





PID: 3112 & 3113 MAPSCO: 44B

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 ~ POWER !
Overhead & UGE Cables In Area
Contact ONCOR Two Working Days Prior To Construction.
Tele: 1-800-344-8377/888-313-4747

CAUTION ~ TELEPHONE & CABLE!
Underground Telephone And/Or Cable Lines In Area
Contact:

AT&T	CenturyLink
Tele: 1-800-331-0500	Tele: 1-866-642-0444
Spectrum	FiberLight
Tele: 1-833-267-6094	Tele: 1-800-672-0181
Verizon	ZAYO
Tele: 1-800-922-0204	Tele: 1-866-364-6033

Two Working Days Prior To Construction.

Notes:

1. See Sheet 4110-0132 SH. 006 for General Notes.
2. The Ground Survey Was Performed By CRIADO & Associates On November 4, 2019. The Design Relies On The Assumptions Provided By The Survey.
3. Contractor Shall Install Temporary Water As Necessary to Maintain Water Service For All Adjacent Properties and Water Lines.

REVISIONS

REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

DWU BENCHMARK #1
Standard Water Department Square Cut Benchmark on Top of a Concrete Curb on the West Side of Storm Sewer Drop Inlet on the West Side of Turtle Creek Blvd., West of Gillespie St.
ELEV = 424.98 MAPSCO 44B

DWU BENCHMARK #2
Standard Water Department Square Cut Benchmark on Concrete Curb of Storm Sewer Inlet on the Southeast Corner of the Intersection of Cedar Springs Rd. and Woodrow Ave.
ELEV = 445.22 MAPSCO 44B

CONTROL POINT #101 - "X" Cut
N: 6975228.49 E: 2489352.83
ELEV = 460.56

CONTROL POINT #102 - "X" Cut
N: 6975618.64 E: 2489086.18
ELEV = 463.66

CONTROL POINT #103 - "X" Cut
N: 6975976.90 E: 2488790.02
ELEV = 454.90

CONTROL POINT #104 - "X" Cut
N: 6976181.27 E: 2488478.92
ELEV = 450.87

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

REFERENCES
WATER
36-24w
WASTEWATER
36-24s

STATE OF TEXAS
JASON A. SNYDER
123328
LICENSED
PROFESSIONAL ENGINEER

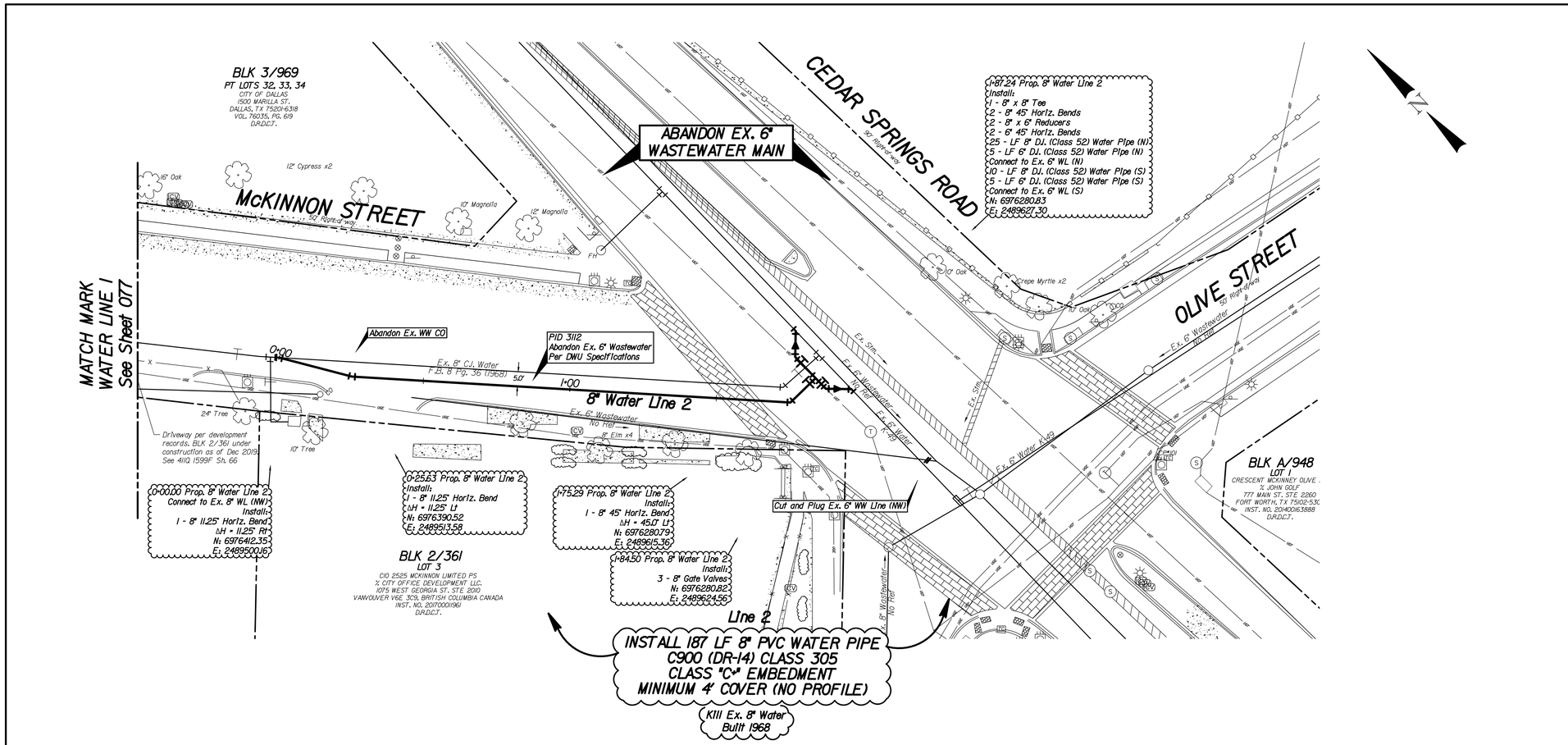
The seal appearing on this document was authorized by Jason A. Snyder, P.E. 123328 on May 20, 2020

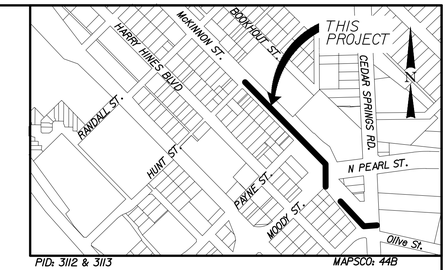
Kimley»Horn
Texas Registration No. F-928

PID: 3112 & 3113 | CONTRACT NO. 20-239/240

8" WATER & WASTEWATER
MCKINNON AVENUE
HUNT STREET TO CEDAR SPRINGS RD
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
JAS	MLD	MAY 2020	4110	1599F	077





PID: 3112 & 3113 MAPSCO: 44B

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 ~ POWER !
Overhead & UGE Cables In Area
Contact ONCOR Two Working Days Prior To Construction.
Tele: 1-800-344-8377/888-313-4747

CAUTION ~ TELEPHONE & CABLE!
Underground Telephone And/Or Cable Lines In Area
Contact:

AT&T Tele: 1-800-331-0500	CenturyLink Tele: 1-866-642-0444
Spectrum Tele: 1-833-267-6094	FiberLight Tele: 1-800-672-0181
Verizon Tele: 1-800-922-0204	ZAYO Tele: 1-866-364-6033

Two Working Days Prior To Construction.

Notes:

1. See Sheet 411Q-0132 SH. 006 for General Notes.
2. The Ground Survey Was Performed By CRIADO & Associates On November 4, 2019. The Design Relies On The Assumptions Provided By The Survey.
3. Contractor Shall Install Temporary Water As Necessary to Maintain Water Service For All Adjacent Properties and Water Lines.

REVISIONS

REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

DWU BENCHMARK #1
Standard Water Department Square Cut Benchmark on Top of a Concrete Curb on the West Side of Storm Sewer Drop Inlet on the West Side of Turtle Creek Blvd., West of Gillespie St.
ELEV = 424.98 MAPSCO 44B

DWU BENCHMARK #2
Standard Water Department Square Cut Benchmark on Concrete Curb of Storm Sewer Inlet on the Southeast Corner of the Intersection of Cedar Springs Rd. and Woodrow Ave.
ELEV = 445.22 MAPSCO 44B

CONTROL POINT #101 - "X" Cut
N: 6975228.49 E: 2489352.83
ELEV = 460.56

CONTROL POINT #102 - "X" Cut
N: 6975618.64 E: 2489086.18
ELEV = 463.66

CONTROL POINT #103 - "X" Cut
N: 6975976.90 E: 2488790.02
ELEV = 454.90

CONTROL POINT #104 - "X" Cut
N: 6976181.87 E: 2488478.92
ELEV = 450.87

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

REFERENCES
WATER
36-24w
WASTEWATER
36-24s

STATE OF TEXAS
JASON A. SNYDER
123328
LICENSED
PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Jason A. Snyder, P.E. 123328 on May 20, 2020

Kimley»Horn
Texas Registration No. F-928

PID: 3112 & 3113 CONTRACT NO. 20-239/240

8" WATER & WASTEWATER

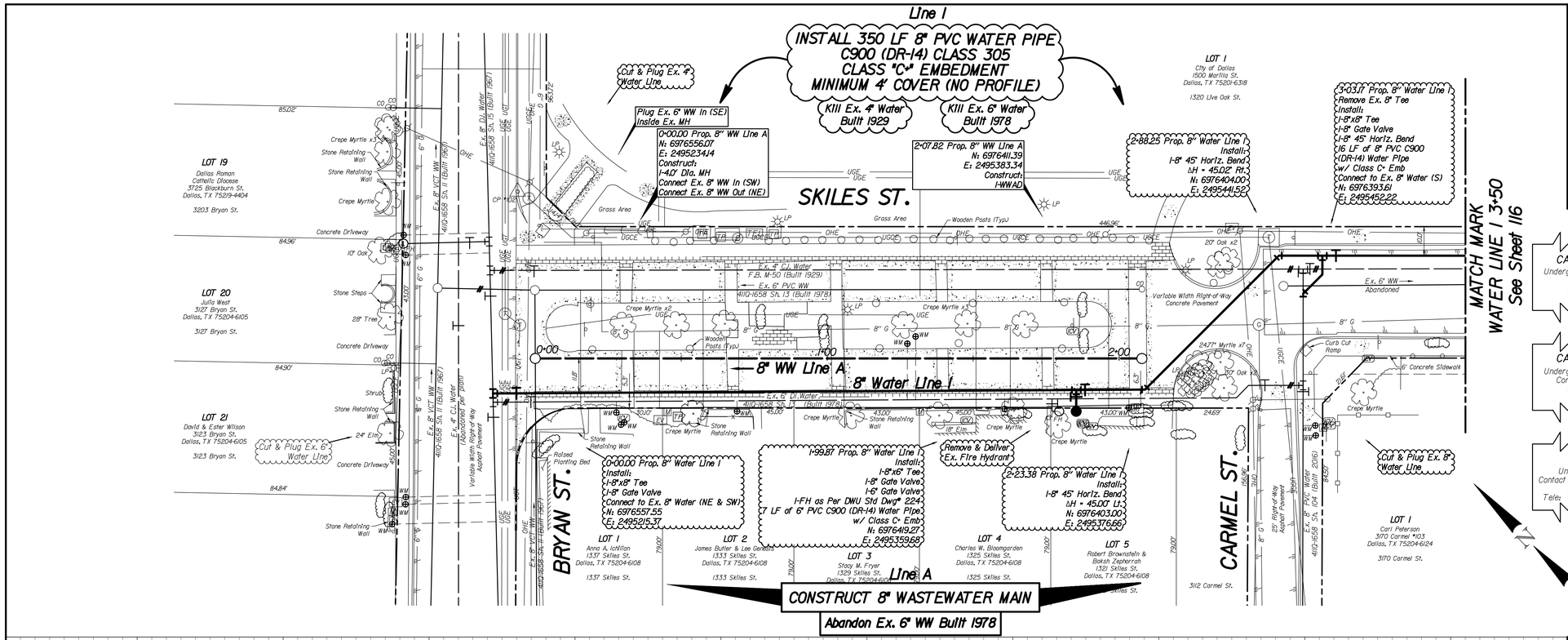
MCKINNON AVENUE

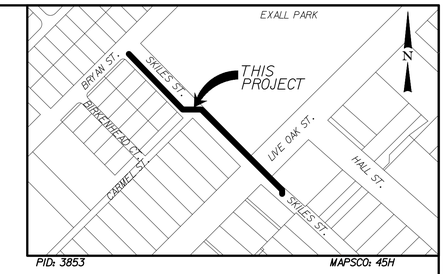
HUNT STREET TO CEDAR SPRINGS RD

DALLAS WATER UTILITIES

CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
JAS	MLD	MAY 2020	411Q	1599F	078





CAUTION ~ TELEPHONE !
Underground Telephone Cables In Area
Contact AT&T Two Working Days Prior To Construction.
Tele: 1-800-331-0500

CAUTION ~ TELEPHONE !
Underground Telephone Cables In Area
Contact Verizon Two Working Days Prior To Construction.
Tele: 1-800-922-0204

CAUTION ~ TELEPHONE !
Underground Telephone Cables In Area
Contact CenturyLink Two Working Days Prior To Construction.
Tele: 1-877-837-5738

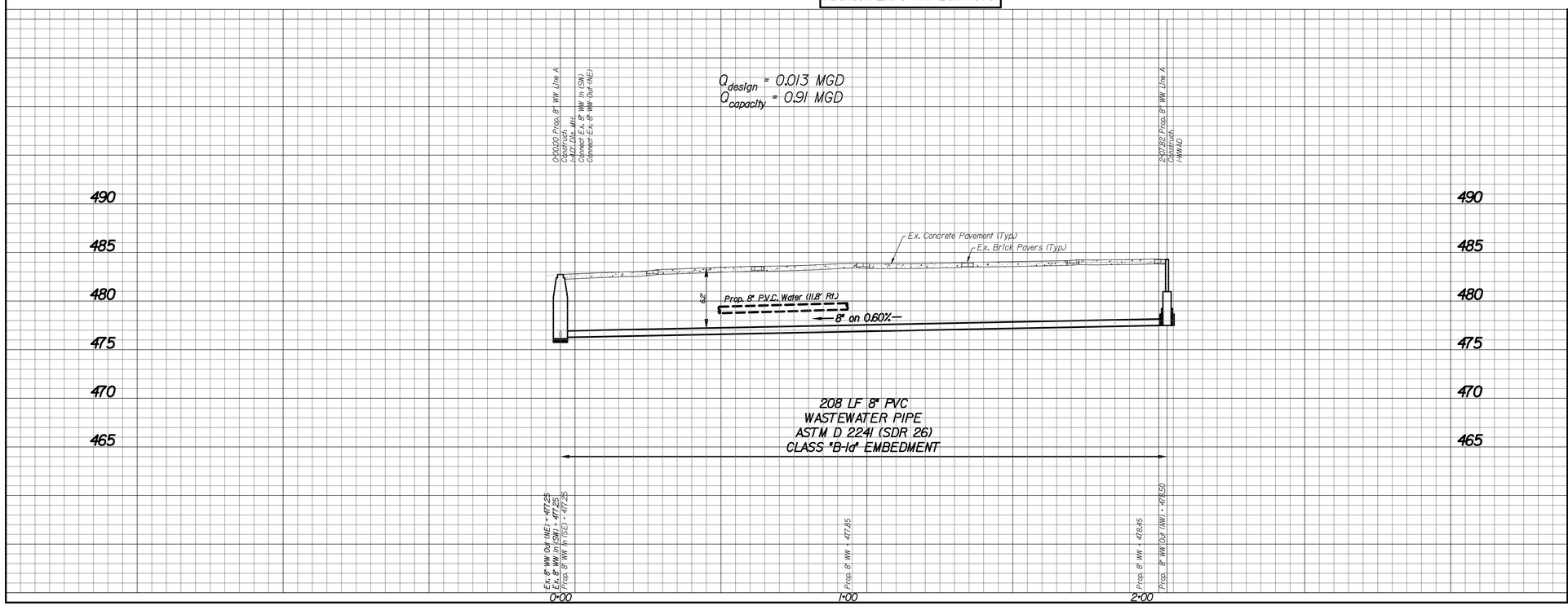
CAUTION ~ FIBER !
Underground Fiber Lines In Area
Contact FiberLight Two Working Days Prior To Construction.
Tele: 1-972-695-2800

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

NOTES:

1. See Sheet 4110-0132 Sh. 006 for General Notes.
2. The Ground Survey Was Performed By PJB Surveying On November 12, 2019. The Design Relies On The Assumptions Provided By The Survey.



REVISIONS

REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK #45-H-1
A City of Dallas Benchmark Is Set on Top of a Concrete Curb at the Point of Curve at the Southeast Corner of the Intersection of Live Oak St. and Hall St.
ELEV = 476.803 MAPSCO 45H

BENCHMARK #45-H-4
A City of Dallas Benchmark Is Set on Top of a Concrete Curb at the Point of Curve at the Southwest Corner of the Intersection of Live Oak St. and Haskell Ave.
ELEV = 498.199 MAPSCO 45H

CONTROL POINT #101
"X" Cut
N. 6976201.21; E. 2495656.96; ELEV. = 480.453

CONTROL POINT #102
"X" Cut
N. 6976601.28; E. 2495269.57; ELEV. = 483.483

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

REFERENCES
WATER
36-28W
WASTEWATER
36-26S

STATE OF TEXAS
JASON A. SNYDER
123328
LICENSED
PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Jason A. Snyder, P.E. 123328 on May 20, 2020

Kimley»Horn
Texas Registration No. F-928

PID: 3853 | CONTRACT NO. 20-239/240

8" WATER & 8" WW
SKILES STREET
BRYAN ST. TO LIVE OAK ST.
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
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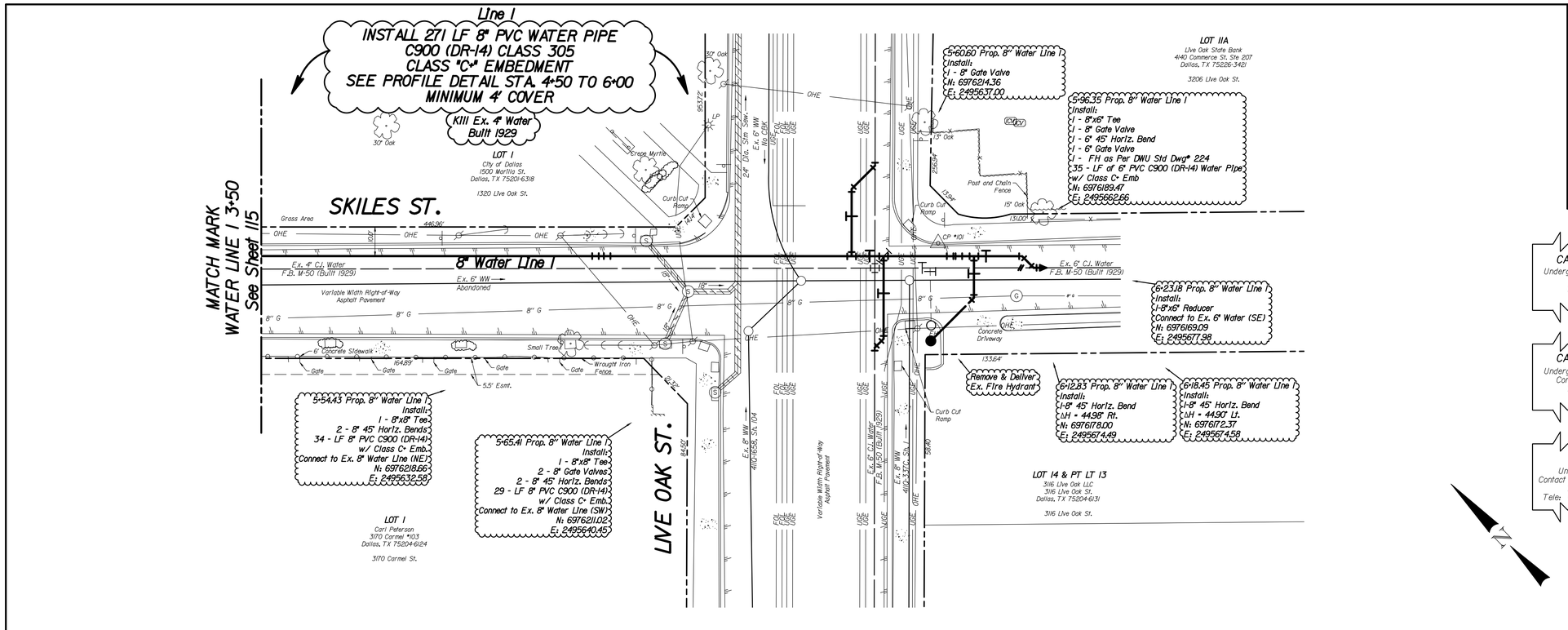
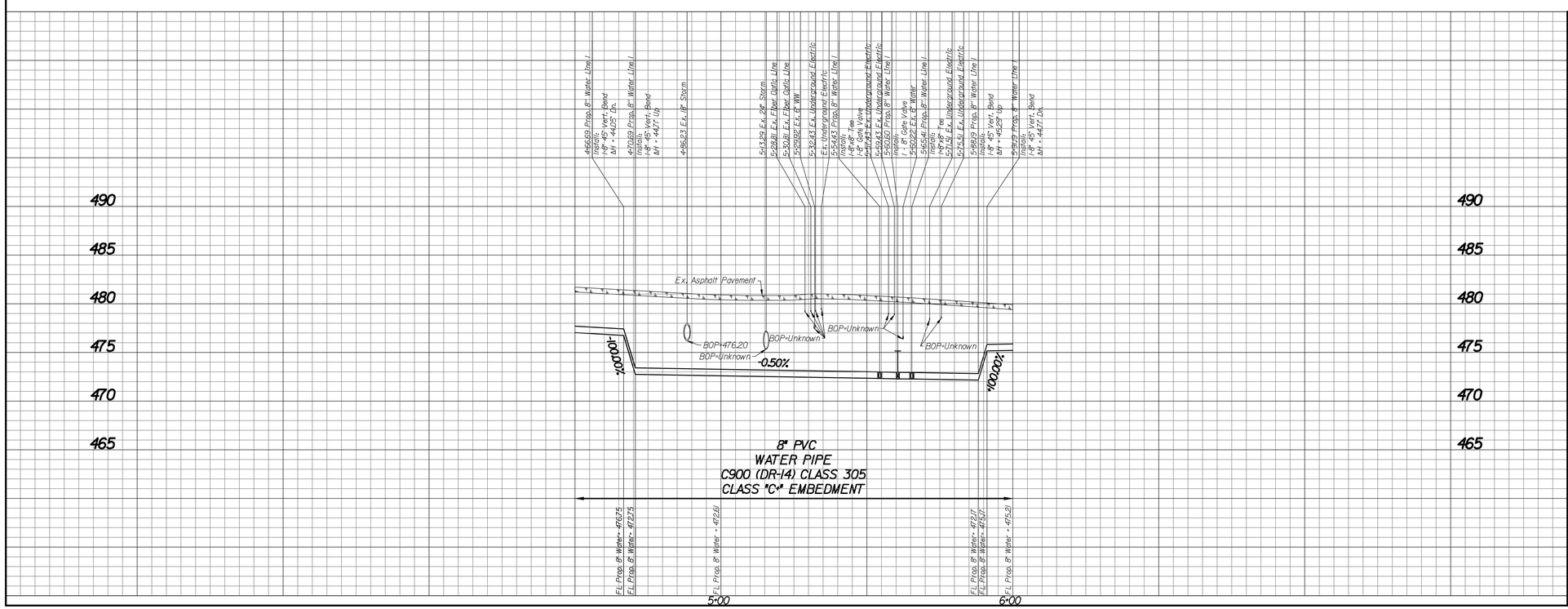


NOTES:

1. See Sheet 4110-0132 Sh. 006 for General Notes.
2. The Ground Survey Was Performed By PJB Surveying On November 12, 2019. The Design Relies On The Assumptions Provided By The Survey.



REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK #45-H-1
A City of Dallas Benchmark Is Set on Top of a Concrete Curb at the Point of Curve at the Southeast Corner of the Intersection of Live Oak St. and Hall St.
ELEV = 476.803 MAPSCO 45H

BENCHMARK #45-H-4
A City of Dallas Benchmark Is Set on Top of a Concrete Curb at the Point of Curve at the Southwest Corner of the Intersection of Live Oak St. and Haskell Ave.
ELEV = 498.199 MAPSCO 45H

CONTROL POINT #101
"X" Cut
N. 6976201.21; E. 2495656.96; ELEV. = 480.453

CONTROL POINT #102
"X" Cut
N. 6976601.28; E. 2495269.57; ELEV. = 483.483

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

REFERENCES
WATER
36-26W
WASTEWATER
36-26S

STATE OF TEXAS
JASON A. SNYDER
123328
LICENSED
PROFESSIONAL ENGINEER

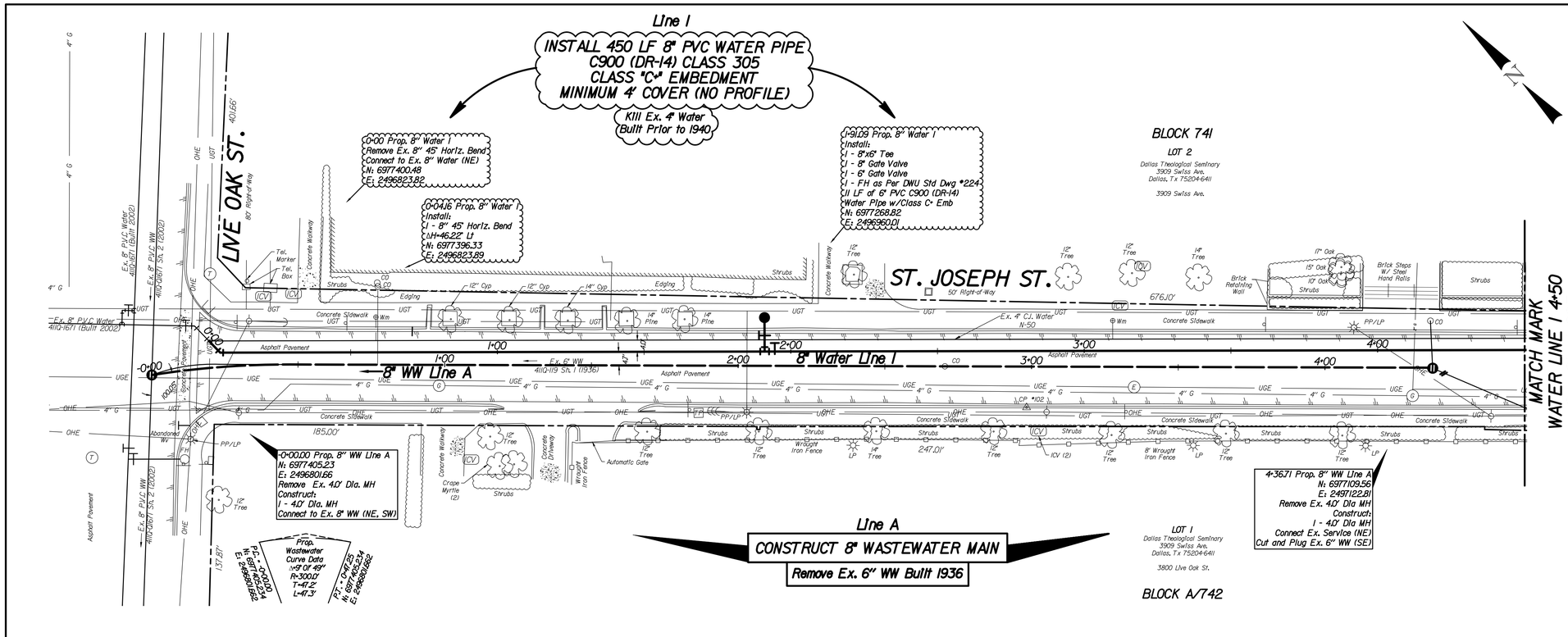
The seal appearing on this document was authorized by Jason A. Snyder, P.E. 123328 on May 20, 2020

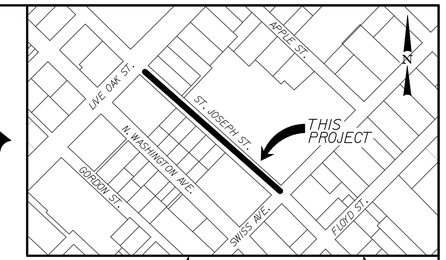
Kimley»Horn
Texas Registration No. F-928

PID: 3853 | CONTRACT NO. 20-239/240

8" WATER & 8" WW
SKILES STREET
BRYAN ST. TO LIVE OAK ST.
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
JAS	JDC	MAY 2020	4110	1658	116





PID: 3015
MAPSCO: 45H

CAUTION ~ TELEPHONE I

Underground Telephone Cables In Area
Contact:

AT&T	Unite
Tele: 1-800-331-0500	Tele: 1-816-903-9400
Charter	Verizon
Tele: 1-833-267-6094	Tele: 1-833-267-6094
Century Link	Zayo
Tele: 1-866-898-2044	Tele: 817-665-8408
Fiberlight	
Tele: 1-844-509-0775	

Two Working Days Prior To Construction.

CAUTION ~ GAS I

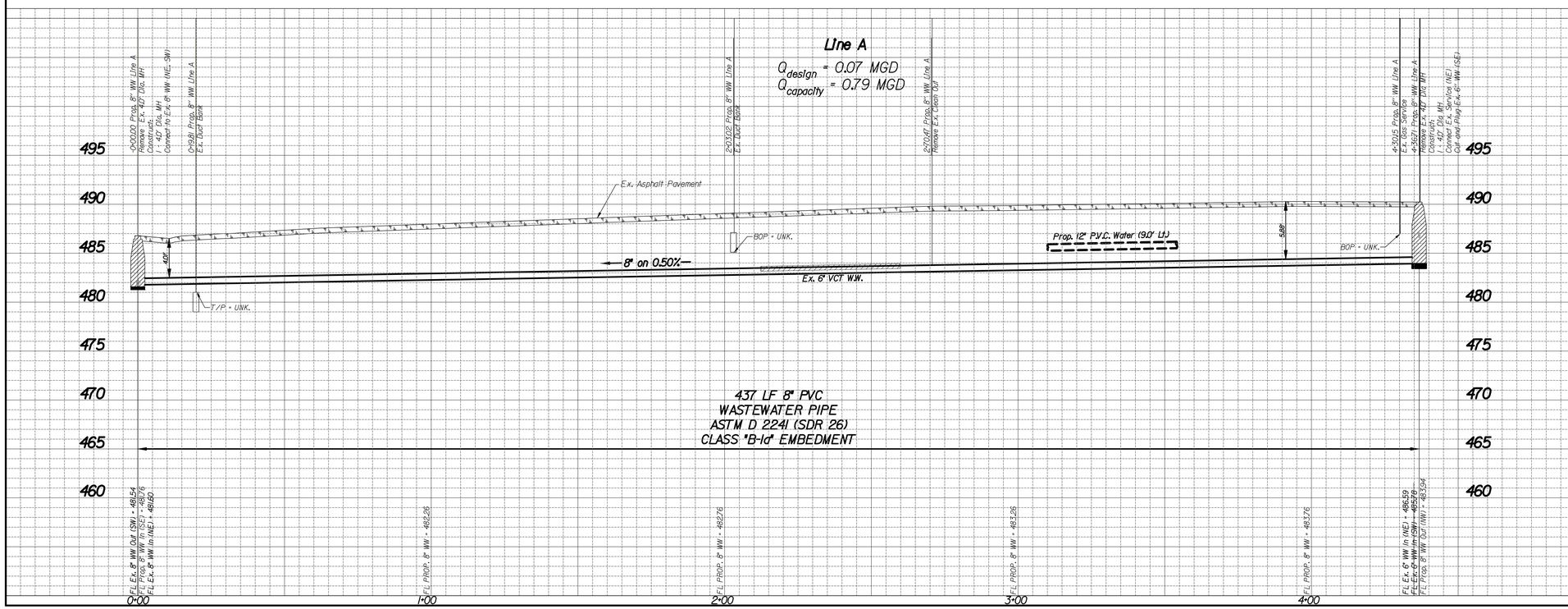
Underground Gas Main In Area
Contact ATMOS Energy Corp. Two Working Days Prior To Construction.
Tele: 1-800-344-8377 / 1-800-545-6005

CAUTION ~ POWER I

Underground Electrical Cables In Area
Contact Oncor Two Working Days Prior To Construction.
Tele: 1-800-344-8377

NOTES:

1. See Sheet 411Q-0132 SH. 006 for General Notes.
2. The Ground Survey Was Performed By PJB Surveying On December 3, 2019. The Design Relies On The Assumptions Provided By The Survey.
3. It Is The Contractor's Responsibility To Determine Which Lines Coming Into The Existing Manhole at STA 4+36.71 Are Still Active And Ensure They Are Reconnected To The Proposed Manhole.



REVISIONS

REV NO.	DATE	DESCRIPTION	BY
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2			

BENCHMARKS & CONTROL POINTS

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CONTROL POINT #101
"X" Cut
N. 6976935.816; E. 2497381.421; ELEV. = 489.003

CONTROL POINT #102
"X" Cut
N. 6977194.037; E. 2497012.396; ELEV. = 489.723

CONTROL POINT #103
"X" Cut
N. 6977464.357; E. 2496765.742; ELEV. = 486.983

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

REFERENCES
WATER
35-27w, 36-27w
WASTEWATER
35-27s, 36-27s

STATE OF TEXAS
JASON A. SNYDER
123328
LICENSED
PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Jason A. Snyder, P.E. 123328 on May 20, 2020

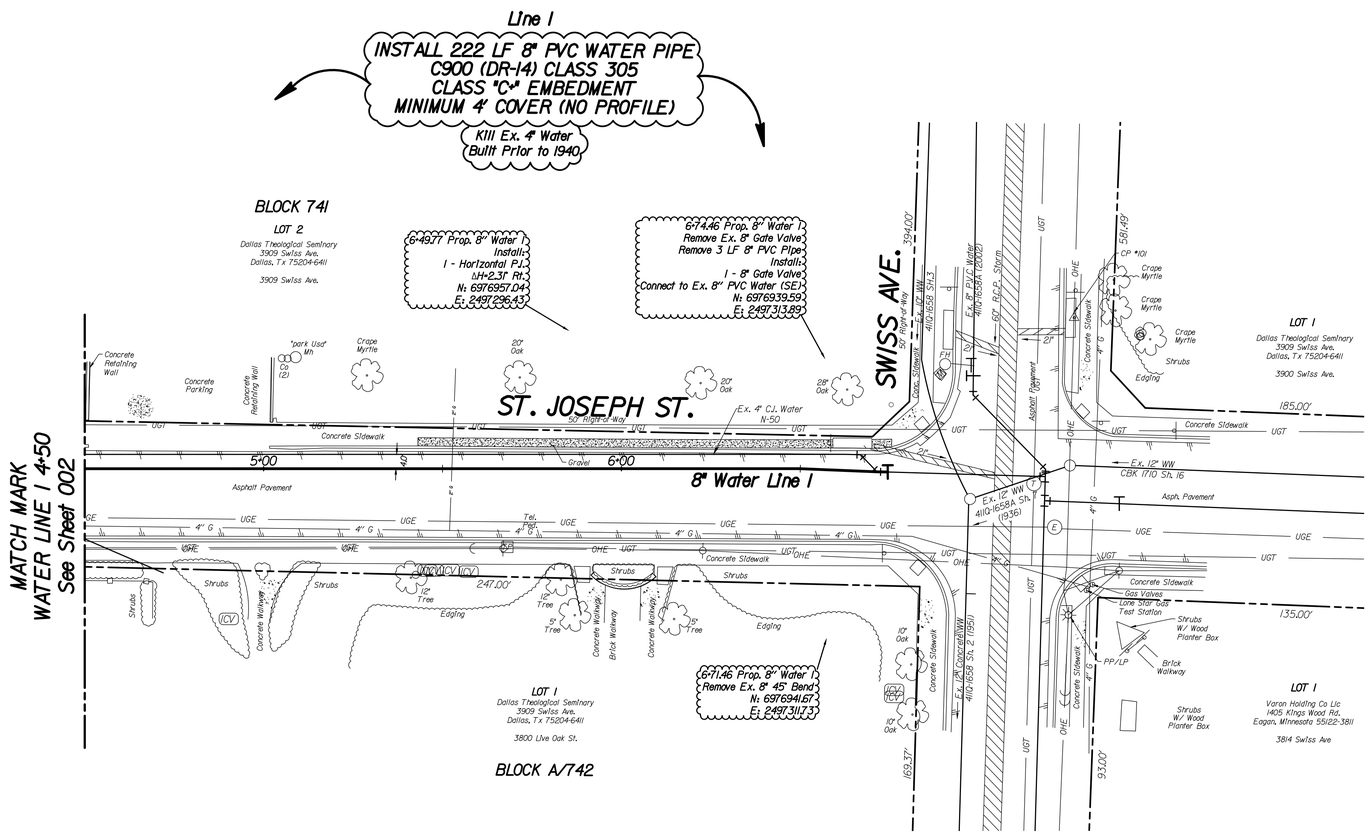
Kimley»Horn
Texas Registration No. F-928

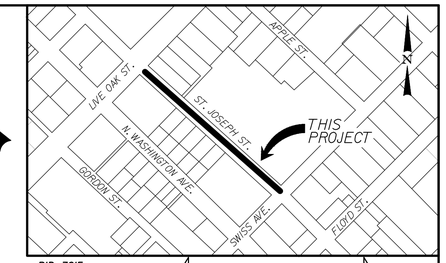
PID: 3105 | CONTRACT NO. 20-239/240

8" WASTEWATER & 8" WATER

ST. JOSEPH STREET
LIVE OAK STREET TO SWISS AVENUE
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
JAS	JDJ	MAY 2020	411Q	0119	002





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Unite
Tele: 1-816-903-9400
Verizon
Tele: 1-833-267-6094
Zayo
Tele: 817-665-8408

Two Working Days Prior To Construction.

CAUTION ~ GAS !

Underground Gas Main In Area
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Tele: 1-800-344-8377 / 1-800-545-6005

CAUTION ~ POWER !

Underground Electrical Cables In Area
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Tele: 1-800-344-8377

NOTES:

1. See Sheet 411Q-0132 SH. 006 for General Notes.
2. The Ground Survey Was Performed By PJB Surveying On December 3, 2019. The Design Relies On The Assumptions Provided By The Survey.

REVISIONS

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BENCHMARKS & CONTROL POINTS

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DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
JAS	JDJ	MAY 2020	411Q	0119	003