CONSTRUCT 30" WASTEWATER MAIN
Along New Alignment

MATCH MARK 17+50 PROP.WW
SEE SHEET 411Q-1560,SHT.87

MATCH MARK 22+00 PROP.WW
SEE SHEET 411Q-1560,SHT.89

Forest Hills
(Vol.3,Pg.117)

Lot 5
8215 San Fernando Way
Kenneth A.Kristofek
A Married Person
(Inst.No.20060010043 8)

Lot 4
8231 San Fernando Way
Thomas Robert Hunt,Jr. And Zaldee
Melissa Hunt
(Inst.No.20130010670 1)

Lot 3
8239 San Fernando Way
Richard H.Reeves And Wife,
Linda D.Reeves
(Vol.89064 Pg.3697)

Lot 2
8247 San Fernando Way
Ronald G.Balenthine And Kim Hammond
(Inst.No.20140024826 6)

Lot 1
8255 San Fernando Way
Karen H.Bruning And Husband Edwin J.
Bruning
(Vol.97174 Pg.796)

SAN FERNANDO WAY
(70-Foot R.O.W.)

Control Point No.17
"X"-Cut Set In Box
N=6,983,916.80
E=2,515,366.89
Elev=486.02

Bore Limits
Encasement or
Liner Plate Limits
30" WW
PID 6461
NO PIT AREA
Encasement Pipe or Liner Plate Limits
Concrete Sidewalk
Concrete Drive
Asphalt Pavement
Brick Sidewalk
Brick Columns (Typ.)
Hedges
LP
T
100'
70' ROW
38.0'
17.2'
18+00
19+00
20+00
21+00
22+00

Lot 10
8222 San Fernando Way
Paul D.bender And Wife,
Virginia L.Bender
(Vol.89064 Pg.2231)

Block 9/5253
Forest Hills
(Vol.3,Pg.117)

Lot 11
8230 San Fernando Way
Steven Ladik And Mersine Defterlos,As
Joint Tenants With Right Of Survivorship
(Inst.No.20160008463 2)

Lot 12
8238 San Fernando Way
Jeffrey Dwain Belz
(Vol.94072 Pg.509)

Lot 13
8246 San
Fernando Way
Dennis L.Klembara,
And Wife,Karen L.
Schulte
(Vol.2002201 Pg.8338)

Lot 14
8258 San Fernando Way
Marshall Hunt And Lee Ann Hunt
(Inst.No.20160011266 0)

54" Oak
18" Oak
2" Red Oak
36" Red Oak
6" Multi-Trunk Crepe Myrtle
10" Multi-Trunk Oak
12" Oak
12" Cedar Elm
10" Cedar Elm
15" Oak
12" Multi-Trunk Bradford Pear
10" Bradford Pear
(10"-Multi-Trunk Crepe Myrtle-13)

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

CAUTION ~ GAS !
Abandoned 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 TXU Two Working
Days Prior To Construction.
Tele: 1-800-344-8377

MATCH MARK STA 17+50 ~ 30" WASTEWATER
SEE SHEET 411Q - 1560,SH.87

MATCH MARK STA 22+00 ~ 30" WASTEWATER
SEE SHEET 411Q - 1560,SH.89

EX.ASPHALT PAVEMENT
EX.TELEPHONE 19.5'LT.
EX.TELEPHONE 19.9'LT.
EX.TELEPHONE 19.8'LT.

Encasement Pipe or Liner Plate Limits
Encasement or Liner Plate Limits
Bore Limits
30" DIA 0.55%

485
480
475
470
465
460
455
450
445
440
435
430
425

FL 30" 442.85
FL 30" 442.72
FL 30" 443.00
FL 30" 443.28
FL 30" 443.56
FL 30" 443.83
FL 30" 444.11
FL 30" 444.39
FL 30" 444.66
FL 30" 444.94

18+00
19+00
20+00
21+00
22+00

450 LF. 30" PVC WASTEWATER PIPE
AWWA C900 (DR14) / ASTM D3139
or
ASTM F679 (SDR35) / ASTM D-3212
BY OTHER THAN OPEN CUT (B.O.T.O.C.)

REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK
A STANDARD WATER DEPARTMENT BENCH MARK SET ON CONCRETE CURB OF STORM SEWER DROP INLET ON THE SOUTHEAST CORNER OF THE INTERSECTION.
ELEV = 469.27

BENCHMARK
A SQUARE IS CUT ON TOP OF CONCRETE CURB AT THE CENTER OF STORM SEWER DROP INLET ON THE NORTHEAST CORNER OF THE INTERSECTION.
ELEV = 469.22

Point	Northing	Easting	Elev.	Description
17	6983916.80	2515366.89	486.02	X CUT
18	6983656.70	2515050.66	484.72	X CUT

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

REFERENCES
WATER
3IW-33, 32W-32, & 32W-33
WASTEWATER
31S-33 & 32S-33

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
08-20-2021

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 08/20/2021. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

Pacheco Koch
7557 RAMBLER ROAD, SUITE 1400
DALLAS, TX 75231 PH. 972.235.3031
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008800

CONTRACT NO. 21-233/234 | PID: 6461

30" WASTEWATER MAIN
SAN FERNANDO WAY
GARLAND ROAD TO SAN FERNANDO WAY
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
KCM	TAH	AUG 2021	411Q	1560	88

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CONSTRUCT 30" WASTEWATER MAIN
Along New Alignment

MATCH MARK 22+00 PROP. WW
SEE SHEET 411Q-1560, SHT. 88

MATCH MARK 26+50 PROP. WW
SEE SHEET 411Q-1560, SHT. 90

BREEZEWOOD LANE
(125' Foot R.O.W.)

SAN FERNANDO WAY
(70-Foot R.O.W.)

125' ROW

Lot 1
8255 San Fernando Way
Karen H. Bruning And Husband Edwin J. Bruning
(Vol. 97174 Pg. 796)

Lot 9
8303 San Fernando Way
Peter C. Hajek And Wife, Glenna W. Hajek
(Vol. 91077 Pg. 1127)

Lot 8
8319 San Fernando Way
Gary L. Brown And Susan A. Brown, Husband And Wife
(Vol. 86215 Pg. 3750)

Lot 14
8258 San Fernando Way
Marshall Hunt And Lee Ann Hunt
(Inst. No. 20160011 2660)

Lot 10
8310 San Fernando Way
Robert Faulk And Melinda Faulk
(Inst. No. 20100009 7447)

Lot 11
8318 San Fernando Way
Becky Oliver Conley, And Husband Gerald C. Conley
(Vol. 2003118 Pg. 4492)

Control Point No. 15
"X"-Cut Set In Box
N=6,984,354.20
E=2,515,816.15
Elev=487.99

Control Point No. 16
"X"-Cut Set In Box
N=6,984,189.66
E=2,515,760.70
Elev=487.68

Construct 10' x 30' Bore Pit

Bore Limits
Encasement or Liner Plate Limits
30" WW
PID 6461
NO PIT AREA
NO PIT AREA

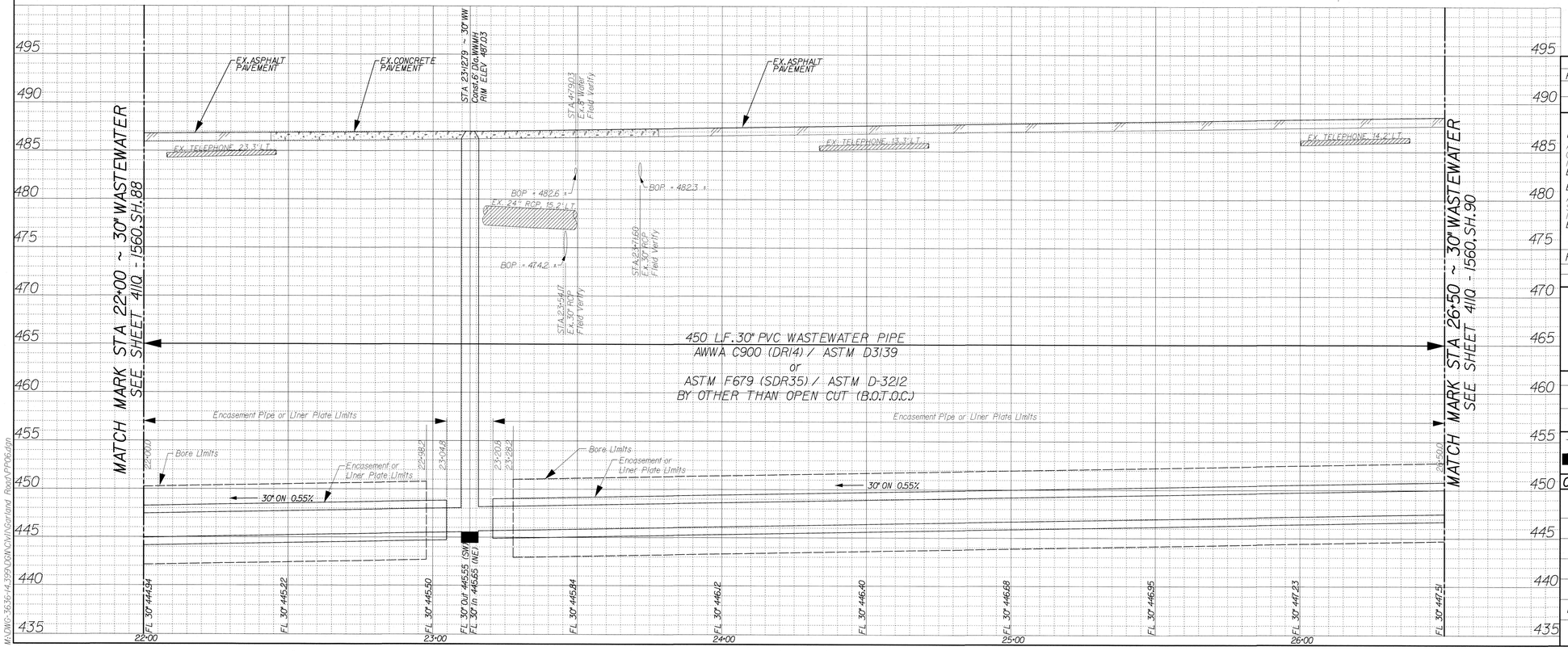
STA 23+12.79 ~ 30" WW
N 6984210.05
E 2515743.00
Construct 6.0' Dia. WWMH
Conn. Prop. 30" In (NE)
Conn. Prop. 30" Out (SW)

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

CAUTION ~ GAS !
Abandoned 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 TXU Two Working Days Prior To Construction.
Tele: 1-800-344-8377



REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK
A STANDARD WATER DEPARTMENT BENCH MARK SET ON CONCRETE CURB OF STORM SEWER DROP INLET ON THE SOUTHEAST CORNER OF THE INTERSECTION.
ELEV = 469.27

BENCHMARK
A SQUARE IS CUT ON TOP OF CONCRETE CURB AT THE CENTER OF STORM SEWER DROP INLET ON THE NORTHEAST CORNER OF THE INTERSECTION.
ELEV = 469.22

Point	Northing	Easting	Elev.	Description
15	6984354.20	2515816.15	487.99	X CUT
16	6984189.66	2515760.70	487.68	X CUT

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

REFERENCES
WATER
3W-33, 32W-32, & 32W-33
WASTEWATER
31S-33 & 32S-33

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
05-20-2021

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KEVIN C. MINKLER, P.E. 124843 ON 08/20/2021. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

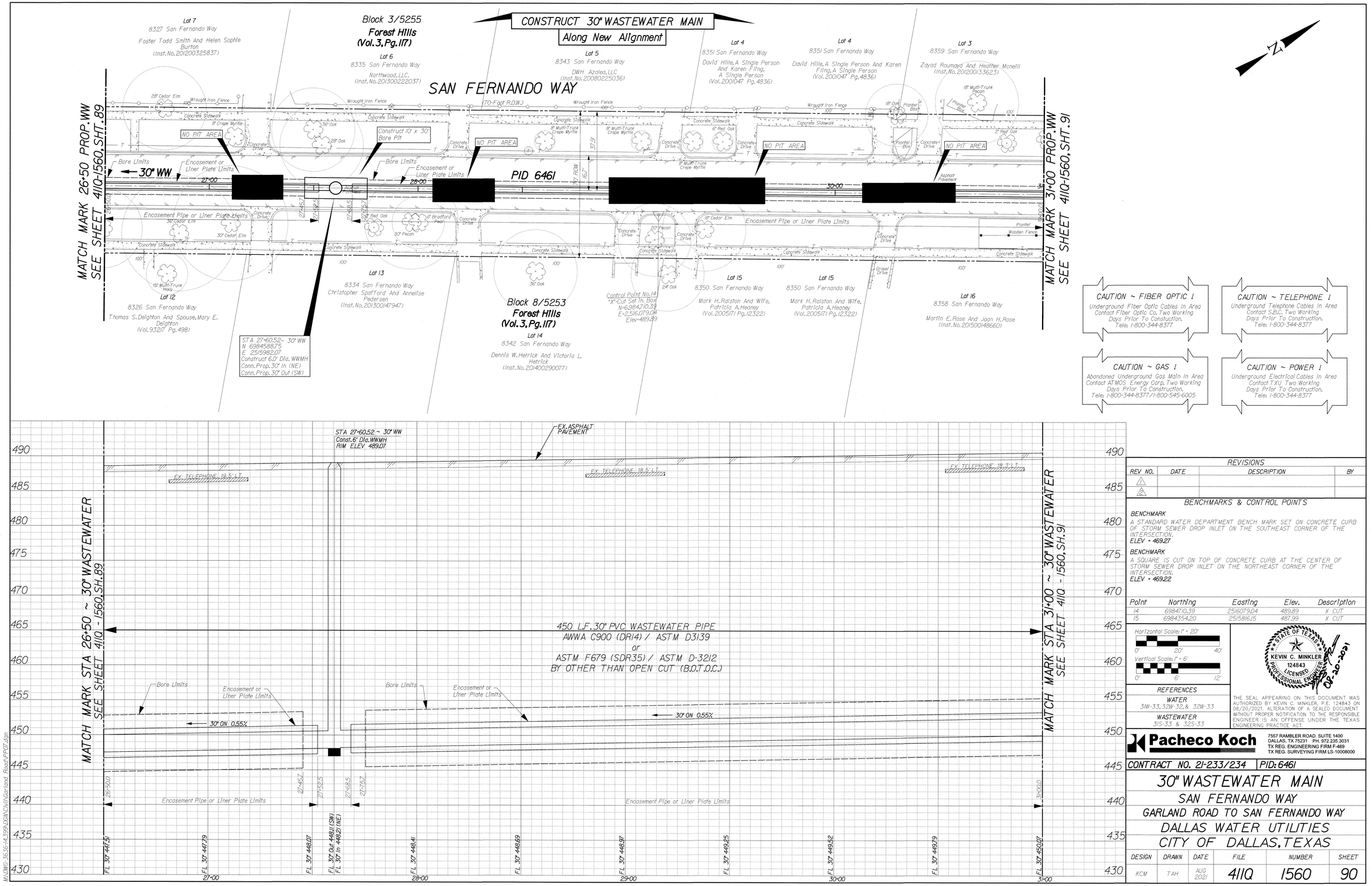
Pacheco Koch
7557 RAMBLER ROAD, SUITE 1400
DALLAS, TX 75231 PH. 972.235.3031
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008000

CONTRACT NO. 21-233/234 | PID: 6461

30" WASTEWATER MAIN
SAN FERNANDO WAY
GARLAND ROAD TO SAN FERNANDO WAY
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
KCM	TAH	AUG 2021	411Q	1560	89

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

CAUTION ~ GAS !
Abandoned 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 T.X.U. Two Working Days Prior To Construction.
Tele: 1-800-344-8377

REVISIONS

REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK
A STANDARD WATER DEPARTMENT BENCH MARK SET ON CONCRETE CURB OF STORM SEWER DROP INLET ON THE SOUTHEAST CORNER OF THE INTERSECTION.
ELEV = 469.27

BENCHMARK
A SQUARE IS CUT ON TOP OF CONCRETE CURB AT THE CENTER OF STORM SEWER DROP INLET ON THE NORTHEAST CORNER OF THE INTERSECTION.
ELEV = 469.22

Point	Northing	Easting	Elev.	Description
14	6984710.39	2516079.04	489.89	X CUT
15	6984354.20	2515816.15	487.99	X CUT

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

REFERENCES
WATER
3IW-33, 32W-32, & 32N-33
WASTEWATER
31S-33 & 32S-33

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
08-20-2021

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Pacheco Koch
7557 RAMBLER ROAD, SUITE 1400
DALLAS, TX 75231 PH. 972.235.3031
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008000

CONTRACT NO. 21-233/234 | PID: 6461

30" WASTEWATER MAIN
SAN FERNANDO WAY
GARLAND ROAD TO SAN FERNANDO WAY
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
KCM	TAH	AUG 2021	411Q	1560	90

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CONSTRUCT 30" WASTEWATER MAIN
Along New Alignment

MATCH MARK 35+00 PROP.WW
SEE SHEET 4110-1560,SHT.92

MATCH MARK 31+00 PROP.WW
SEE SHEET 4110-1560,SHT.90

SAN FERNANDO WAY
(70-Foot R.O.W.)

ST. FRANCIS AVENUE
(60' Foot R.O.W.)

Lot 2
8367 San Fernando Way
Thomas D.York And Sarah S.York, Husband And Wife
(Inst.No.20190004081I)

Lot 1
8375 San Fernando Way
William J.Relster, A Single Person
(Vol.98093 Pg.3977)

Lot 17
8366 San Fernando Way
John David Bane And Deborah N.Bane, Husband And Wife
(Vol.95081 Pg.3697)

Lot 18
8378 San Fernando Way
Weston C.Loegering And Wife,Janis H. Loegering

30" WW
PID 6461
NO PIT AREA
Bore Limits
Encasement or Liner Plate Limits
Encasement Pipe or Liner Plate Limits
Construct 10' x 30' Bore Pit
STA 33+93.91 ~ 30" WW
N 6985118.79
E 2516328.66
Construct 6.0' Dia. WWMH
Conn.Prop.30" In (NW)
Conn.Prop.30" Out (SW)

Control Point No.13
"X"-Cut Set In Curb
N=6,985,137.82
E=2,516,283.90
Elev=491.35

Control Point No.14
"X"-Cut Set In Curb
N=6,984,710.39
E=2,516,079.04
Elev=491.35

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

CAUTION ~ GAS !
Abandoned 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 TXU Two Working Days Prior To Construction.
Tele: 1-800-344-8377

MATCH MARK STA 31+00 ~ 30" WASTEWATER
SEE SHEET 4110 - 1560,SH.91

MATCH MARK STA 35+00 ~ 30" WASTEWATER
SEE SHEET 4110 - 1560,SH.92

STA 33+93.91 ~ 30" WW
Const.6' Dia.WWMH
RIM ELEV 491.95

EX.ASPHALT PAVEMENT
EX. TELEPHONE 18.2' LT.
EX. TELEPHONE 18.0' LT.
EX. 8" WATER, 9.4' RT.
EX. 30" RCP 5.8' LT.
BOP = 480.87' +
BOP = 482.67' +
STA.34+02.33 Ex.30" RCP Field Verify
STA.34+52.74 Ex.27" RCP Field Verify
Encasement Pipe or Liner Plate Limits
Bore Limits
30" ON 0.55%

400 L.F.30" PVC Wastewater Pipe
AWWA C900 (DR14) / ASTM D3139
or
ASTM F679 (SDR35) / ASTM D-3212
BY OTHER THAN OPEN CUT (B.O.T.O.C.)

FL 30" 450.07
FL 30" 450.35
FL 30" 450.63
FL 30" 450.91
FL 30" 451.18
FL 30" 451.46
FL 30" Out 451.69 (SW)
FL 30" In 451.79 (NW)
FL 30" 452.08
FL 30" 452.36

31+00 32+00 33+00 34+00 35+00

495 490 485 480 475 470 465 460 455 450 445 440 435

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

REVISIONS

REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK
A STANDARD WATER DEPARTMENT BENCH MARK SET ON CONCRETE CURB OF STORM SEWER DROP INLET ON THE SOUTHEAST CORNER OF THE INTERSECTION.
ELEV = 469.27

BENCHMARK
A SQUARE IS CUT ON TOP OF CONCRETE CURB AT THE CENTER OF STORM SEWER DROP INLET ON THE NORTHEAST CORNER OF THE INTERSECTION.
ELEV = 469.22

Point	Northing	Easting	Elev.	Description
13	6985137.82	2516283.90	489.89	X CUT
14	6984710.39	2516079.04	491.35	X CUT

REFERENCES

WATER
3W-33,32W-32,& 32W-33

WASTEWATER
31S-33 & 32S-33

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
08-20-2021

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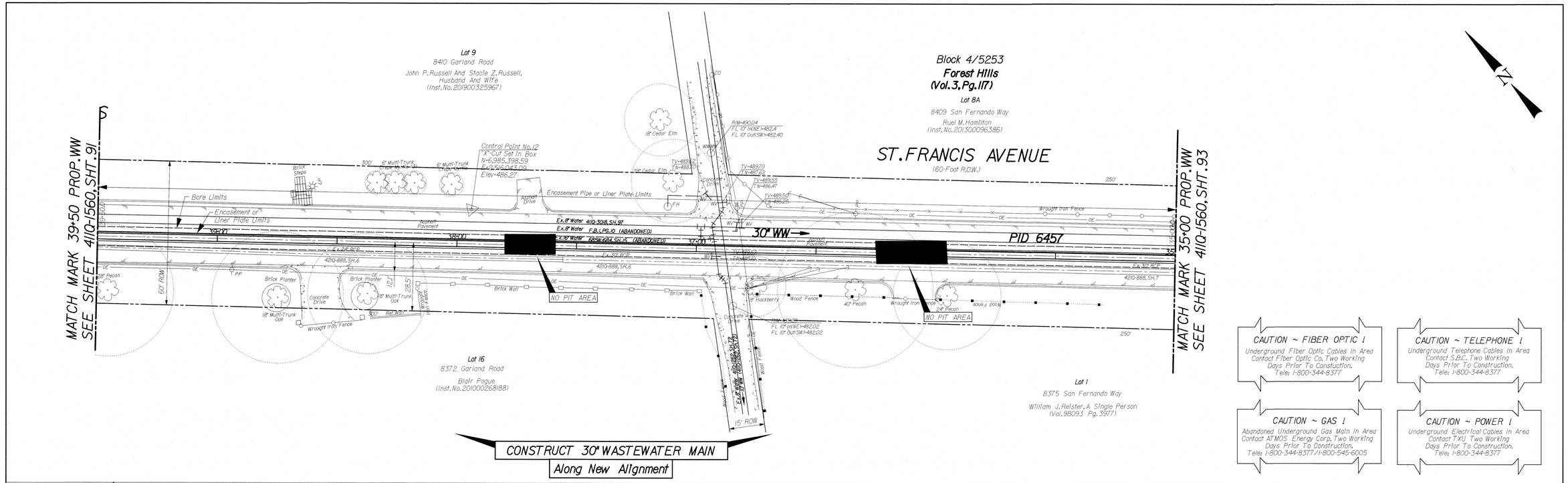
Pacheco Koch
7557 RAMBLER ROAD. SUITE 1400
DALLAS, TX 75231 PH. 972.235.3031
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008000

CONTRACT NO. 21-233/234 | PID: 6461

30" WASTEWATER MAIN
SAN FERNANDO WAY
GARLAND ROAD TO SAN FERNANDO WAY
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
KCM	TAH	AUG 2021	4110	1560	91

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

CAUTION ~ GAS !
Abandoned 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 TXU Two Working Days Prior To Construction.
Tele: 1-800-344-8377

REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1			
2			

BENCHMARKS & CONTROL POINTS

BENCHMARK
A STANDARD WATER DEPARTMENT BENCH MARK SET ON CONCRETE CURB OF STORM SEWER DROP INLET ON THE SOUTHEAST CORNER OF THE INTERSECTION.
ELEV = 469.27

BENCHMARK
A SQUARE IS CUT ON TOP OF CONCRETE CURB AT THE CENTER OF STORM SEWER DROP INLET ON THE NORTHEAST CORNER OF THE INTERSECTION.
ELEV = 469.22

Point	Northing	Easting	Elev.	Description
12	6985398.59	2516043.09	486.27	X CUT
13	6985137.82	2516283.90	491.35	X CUT

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

REFERENCES
WATER
3W-33, 32W-32, & 32W-33
WASTEWATER
3S-33 & 32S-33

STATE OF TEXAS
KEVIN C. MINKLER
124843
LICENSED
PROFESSIONAL ENGINEER
08-20-2021

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Pacheco Koch
7557 RAMBLER ROAD, SUITE 1400
DALLAS, TX 75231 PH. 972.235.3031
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008000

CONTRACT NO. 21-233/234 | PID: 6457

30" WASTEWATER MAIN
ST.FRANCIS AVENUE
SAN FERNANDO WAY TO GARLAND ROAD
DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
KCM	TAH	AUG 2021	411Q	1560	92

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CONSTRUCT 30" WASTEWATER MAIN
Along New Alignment

STA 40+90.58 ~ 30" WW
N 6985574.48
E 2515803.41
Construct 6.0' Dia. WWMH
Conn. Prop. 30" In (SW)
Conn. Prop. 30" Out (SE)

Construct 10' x 30' Bore Pit

Protect existing Power Pole

Cotton Texas

Bore Limits

Contractor to coordinate with TXDOT prior to Bore under the road

Control Point No.11
"X"-Cut Set In Box
N=6,985,588.74
E=2,515,809.12
Elev=472.40

Asphalt Pavement

Encasement or Liner Plate Limits

Encasement Pipe or Liner Plate Limits

STA 39+94.49 ~ 30" WW
N 6985622.64
E 2515884.14
Construct 6.0' Dia. WWMH
Conn. Prop. 30" In (NW)
Conn. Prop. 30" Out (SE)

LAWTHER DRIVE
(100-Foot R.O.W.)

N 6985410.23
E 2515683.92
Relocate Ex. FH
Install :
1 - 6" x 6" Tee
1 - 6" G.Valve
1-8" 22.5° Horiz. Bend
31 LF 6" PVC C900 (DR-14) Water Pipe w/ Class C Emb.

Contractor to provide temporary wrought iron fence for Arboretum Property If existing fence must be temporarily removed for Bore Pit. Replace fence in same condition as existing once Bore Pit is filled in.

Wrought Iron Fence

Chain Link Fence

24" Oak

PID 6460

PID 6457

Contractor to protect existing retaining wall in place. No Separate Pay item for any damage to the retaining wall or wall foundation.

Bore Limits

Encasement or Liner Plate Limits

30" WW

Encasement Pipe or Liner Plate Limits

Gas

100' ROW

(TO BE ABANDONED) Ex. 36" RCP WW (410-860, Sh.31 (BUILT 1950)

36" RCP (410-860, Sh.31)

STA 43+37.49 ~ 30" WW
N 6985394.97
E 2515663.50
Conn. Ex. 6.0' Dia. WWMH
Conn. Prop. 30" Out (NE)
Conn. Ex. 36" In (NW)
Plug Ex. 36" Out (SW)

RIM=468.06
FL 36" IN (NW)=454.26
FL 36" IN (NE)=Blocked
FL 30" Out Sh=454.4

STA 43+17.52 ~ 30" WW
N 6985384.14
E 2515680.27
Construct 6.0' Dia. WWMH
Conn. Prop. 30" In (NW)
Conn. Prop. 30" Out (SE)

(TO BE ABANDONED) Ex. 36" RCP WW (410-860, Sh.31 (BUILT 1950)

Relocate Ex. FH

Construct 10' x 30' Bore Pit

E.S.E. Water (BUILT 1950)

Ex. 12" Water 410-3098, Sh.97 (BUILT 2005)

Ex. 12" Water F.B.I. #3 @ F.B.I. #2 (BUILT 1950)

Ex. 27" RCP

Ex. 42" RCP

Ex. 12" Water 410-3098, Sh.97 (BUILT 2005)

Ex. 12" Water 410-3098, Sh.97 (BUILT 2005)

Ex. 12" Water F.B.I. #3 @ F.B.I. #2 (BUILT 1950)

Ex. 12" Water F.B.I. #3 @ F.B.I. #2 (BUILT 1950)

Ex. 12" Water 410-3098, Sh.97 (BUILT 2005)

Ex. 12" Water 410-3098, Sh.97 (BUILT 2005)

Ex. 97 Storm (410-985, Sh.41)

Ex. 18" RCP

Ex. 24" RCP

Ex. 24" RCP

Ex. 24