MWO # 2020-1001069222
CUE # 23478

MAINS			
SIZE	LENGTH	MATERIAL	METHOD
8" (SLEEVE)	10	PVC SCH 40	OPEN TRENCH
6"	749	PE	OPEN TRENCH
4"	10	PE	INSERT
4"	2812	PE	OPEN TRENCH
2"	4343	PE	OPEN TRENCH

SERVICES			
SIZE	LENGTH	MATERIAL	METHOD
3/4"	932	PE	OPEN TRENCH

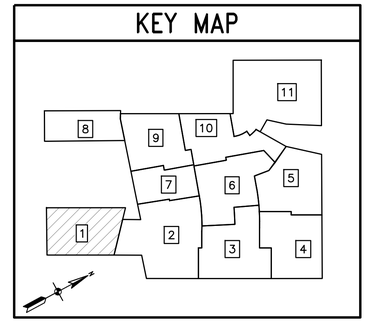
TOTAL SERVICES = 45

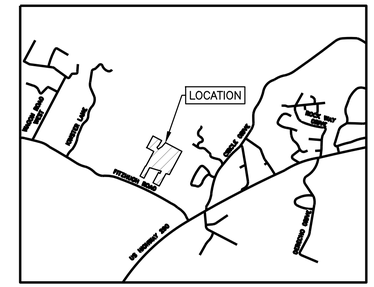
TOTAL LOTS = 66

SERVICE SCHEDULE				
SERVICE NO.	SIZE	LENGTH	TYPE	EFV (SERIES #)
1	3/4"	47	PE	1800
2	N/A	N/A	N/A	N/A
3	3/4"	47	PE	700
4	3/4"	3	PE	700
5	3/4"	3	PE	1800
6	3/4"	3	PE	1800
7	3/4"	42	PE	700
8	3/4"	3	PE	1800
9	3/4"	3	PE	1800
10	3/4"	3	PE	1800
11	3/4"	47	PE	700
12	3/4"	47	PE	700
13	3/4"	3	PE	700
14	3/4"	3	PE	700
15	3/4"	3	PE	1800
16	3/4"	3	PE	700
17	3/4"	3	PE	700
18	3/4"	3	PE	1800
19	3/4"	47	PE	1800
20	3/4"	3	PE	1800
21	3/4"	8	PE	1800
22	3/4"	47	PE	1800
23	3/4"	47	PE	700
24	3/4"	47	PE	700
25	3/4"	47	PE	1800
26	3/4"	3	PE	700
27	3/4"	8	PE	1800
28	3/4"	42	PE	1800
29	3/4"	8	PE	1800
30	3/4"	42	PE	1800
31	3/4"	8	PE	1800
32	3/4"	3	PE	1800
33	3/4"	47	PE	700
34	3/4"	3	PE	1800
35	3/4"	47	PE	700
36	3/4"	3	PE	700
37	3/4"	47	PE	700
38	3/4"	3	PE	700
39	3/4"	47	PE	700
40	3/4"	3	PE	700
41	3/4"	3	PE	700
42	3/4"	3	PE	700
43	3/4"	3	PE	700
44	3/4"	47	PE	700
45	3/4"	47	PE	700
46	3/4"	3	PE	700
TOTAL=	3/4"	932	PE	–

FITTINGS		
QUANTITY	SIZE	TYPE
2	6"	ELECTROFUSION COUPLING
1	6"	INLINE TEE, PE
2	4"	INLINE TEE, PE
2	2"	INLINE TEE, PE
2	4"	90° ELBOW, PE
2	2"	90° ELBOW, PE
45	3/4"	CAP, PE (SERVICE)
1	6" X 3/4"	TAPPING TEE, PE (SERVICE)
11	4" X 3/4"	TAPPING TEE, PE (SERVICE)
32	2" X 3/4"	TAPPING TEE, PE (SERVICE)
3	6" X 4"	REDUCER, PE
3	4" X 2"	REDUCER, PE
3	2"	CAP, PE
16	5#	ANODE
1		TEST STATION
7914	14 GAUGE	TRACER WIRE (MAIN)
1382	14 GAUGE	TRACER WIRE (SERVICE)
25	3/4"	SERIES 700 EFV
20	3/4"	SERIES 1800 EFV
3	3/4" X 1"	RISER (PURGE)
3	1"	PLUG (PURGE)
3	2" X 3/4"	TAPPING TEE, PE (PURGE)
120'		FLAGGING TAPE

KEY MAP



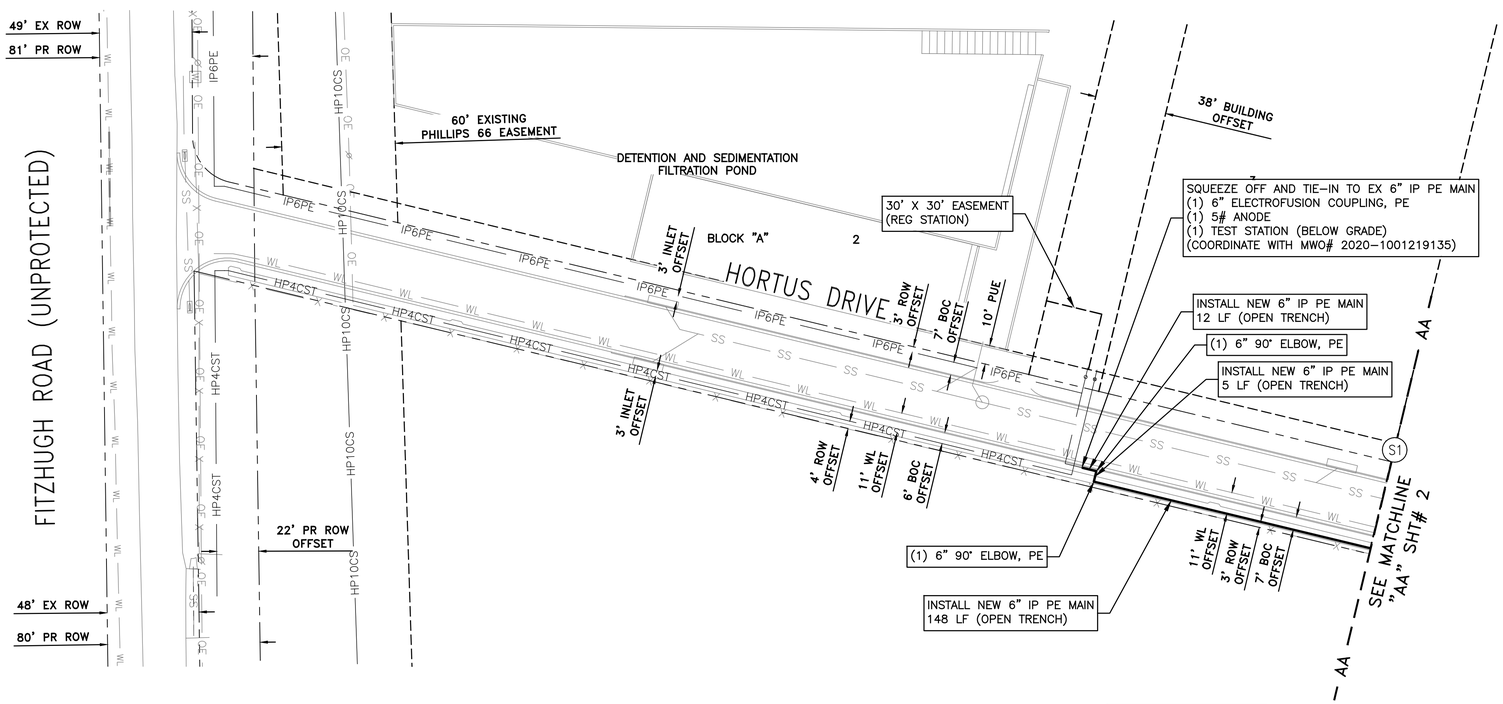


LOCATION MAP (N.T.S.)

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)

LEGEND

- EXIST. ROW
- EXIST. EASEMENT
- EXIST. LOT LINES
- NEW GAS MAIN
- NEW GAS MAIN BORE
- NEW GAS MAIN INSERT
- NEW SERVICE LINE
- TO BE ABANDONED
- PROJECT LOCATION
- EXIST. HIGH PRESSURE LINE (HP2PE; PRESSURE CLASS, PIPE SIZE, MATERIAL)
- EXIST. INTERMEDIATE PRESSURE LINE (IP2PE; PRESSURE CLASS, PIPE SIZE, MATERIAL)
- EXIST. LOW PRESSURE LINE (LP2PE; PRESSURE CLASS, PIPE SIZE, MATERIAL)
- ABANDONED GAS LINE
- EXIST. WATER LINE
- EXIST. WASTE WATER
- EXIST. STORM SEWER
- EXIST. OVERHEAD ELECTRIC
- EXIST. UNDERGROUND ELECTRIC
- EXIST. OVERHEAD TELEPHONE



INSTALL NATURAL GAS SERVICE 5' OFF OF PROPOSED WATER SERVICE.

DEVELOPER IS RESPONSIBLE FOR STAKING SERVICE LOCATION

NOTES:

1. GAS MAIN TO BE INSTALLED AT LOWEST OF 36" BELOW EXISTING GRADE OR 30" BELOW GUTTER ELEVATION (MIN).
2. PRIOR TO R.O.W. MAIN INSTALLATIONS CONTRACTOR TO CONTACT CUSTOMER AND COORDINATE TIE-IN AT THE PROPERTY LOCATION.
3. GAS MAIN TO BE INSTALLED AT A MINIMUM OF 5FT HORIZONTAL/2FT VERTICAL CLEARANCE FROM ALL WATER LINES AND MINIMUM OF 5FT HORIZONTAL/2FT VERTICAL CLEARANCE FROM ALL OTHER UTILITIES.

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT MININUM DEPTH OF 4' BELOW ASPHALT ELEVATION AT LIP OF CURB.

PIC CONTRACTOR INFORMATION:
PENDING INFO

MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE LESS THAN 2 YEARS PRIOR TO INSTALLATION

SHEET 1 OF 12

NOTES

1. PRIOR TO THE INSTALLATION OF T.G.S. OWNED GAS LINES, IT IS THE CUSTOMERS RESPONSIBILITY TO GRADE ALL STREETS, ALLEYS, ROADWAYS OR EASEMENTS TO SUBGRADE, ± .50 FEET (6 INCHES).
2. ALL SURFACE REPAIRS MADE ON PRIVATE PROPERTY BY TEXAS GAS SERVICE OR ITS AFFILIATES, WILL BE TEMPORARY. ALL PERMANENT REPAIRS ARE THE OWNERS RESPONSIBILITY.
3. CONTRACTOR TO CONTACT T.G.S. ENG. DEPT. PRIOR TO CONSTRUCTION TO VERIFY ASSIGNMENTS OF MAINS & SERVICES WHEN APPLICABLE.
4. DETERMINATION OF GRADE FOR GAS MAINS AT STORM SEWER CROSSINGS TO BE DONE IN THE FIELD IN CONJUNCTION WITH PROFILE SHEETS WHEN APPLICABLE.
5. ALL SPOIL SHALL BE REMOVED FROM JOB SITE UPON COMPLETION OF GAS LINE INSTALLATION.
6. #14 COPPER TRACER WIRE TO BE PLACED IN BOTTOM OF TRENCH PARALLEL TO MAINS & SERVICES. ALL WIRE JOINTS SHALL BE IN ACCORDANCE WITH T.G.S. STANDARDS. TRACER WIRE TO BE ONE CONTINUOUS UNIT.
7. MARKER TAPE TO BE INSTALLED 1 FOOT BELOW SUBGRADE & PARALLEL TO MAINS & SERVICES.
8. DEVELOPER OR ITS REPRESENTATIVE SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL & REQUIRED TESTING IN ACCORDANCE WITH AGENCY AND TEXAS GAS SERVICE STANDARDS.
9. CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. ANY DAMAGE TO EXISTING FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. ANODE TO BE INSTALLED TO TRACER WIRE. TRACER WIRE WILL NOT BE TIED TO WRAPPED STEEL MAIN.
11. ALL STUBS MUST BE MARKED BY A 4" POLYETHYLENE SLEEVE WHICH IS 4' IN LENGTH. THE SLEEVES CAN BE PICKED UP AT TEXAS GAS SERVICE, 5613 AVE. F, AUSTIN. T.G.S. WILL REMOVE THE SLEEVE AT THE TIME OF YARD LINE INSTALLATION.
12. ALL BORES WILL BE DIRECTIONAL UNLESS OTHERWISE SPECIFIED.

PRELIMINARY

NO.	DATE	BY	REVISIONS DESCRIPTION

THE RAILROAD COMMISSION OF TEXAS IS REQUIRING GAS UTILITIES TO RECORD THE LOCATION OF ALL PLASTIC PIPE BY PRINT LINE. AS A RESULT OF THIS NEW CONSTRAINT, THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH CERTAIN SPECIFICATIONS ASSOCIATED WITH THE PIPE INSTALLED IN YOUR SUBDIVISION.

APPROXIMATE LOCATION OF EXISTING GAS LINES WITHIN 1 FOOT OF GAS LINES. NO BLASTING WITHIN 1 FOOT OF GAS LINES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO GAS LINES. CONTACT 1-800-DIG-TESS (1-800-344-8377) FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO EXCAVATING.

DRAWN BY	DATE	CHECKED BY	DATE	SCALE
G. DIAZ	02/08/2021	M. CANO	02/08/2021	SEE GRAPHIC

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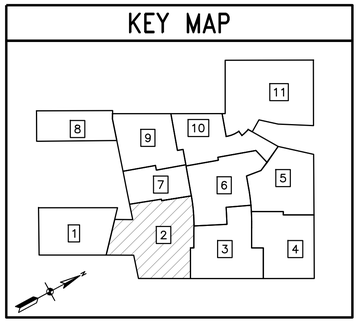
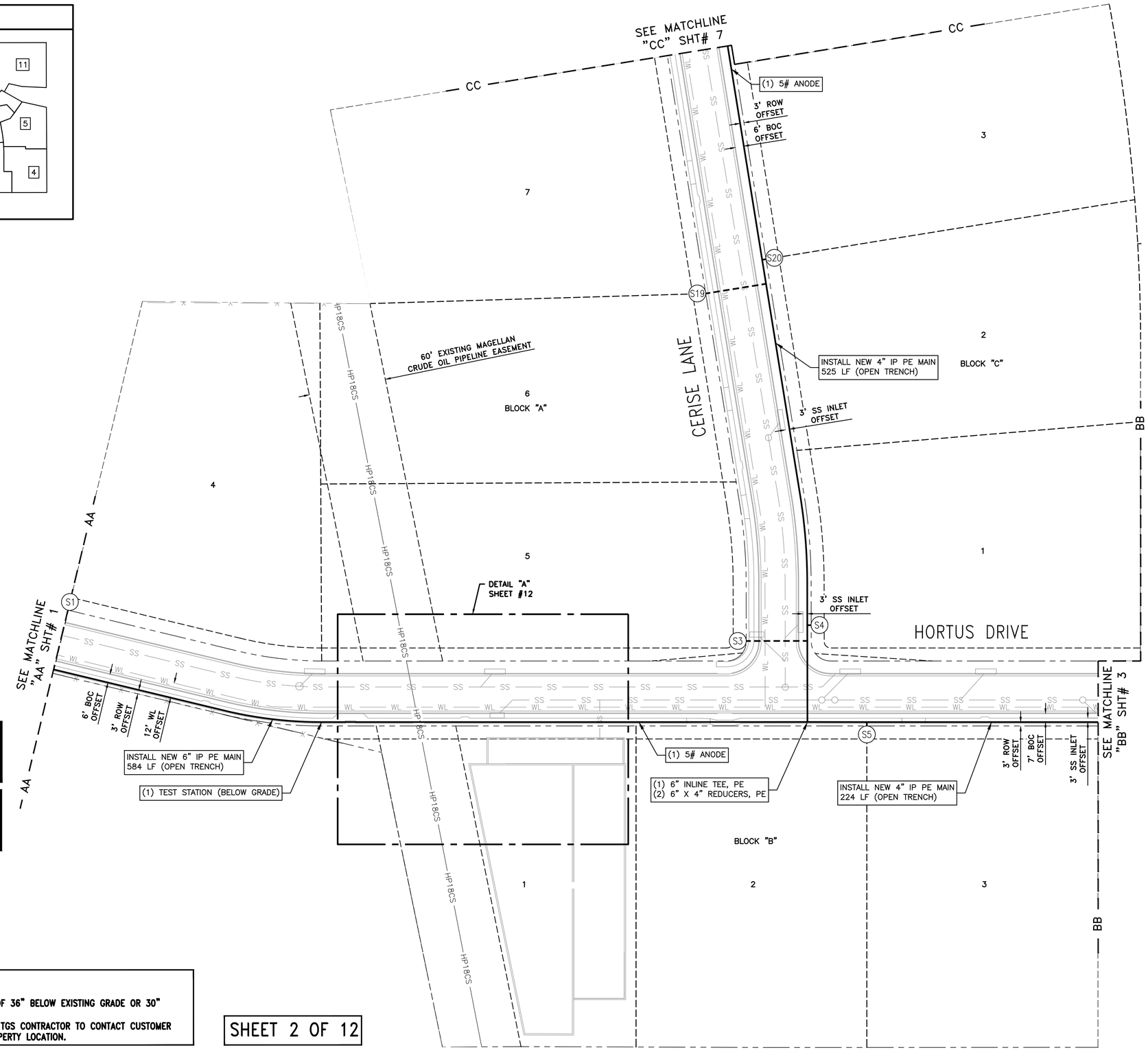
AUSTIN, TEXAS
Texas Gas Service
A Division of ONE Gas

NEW MAIN AND SERVICES
ORCHARD RANCH/PHASE 1
AUSTIN, TX

MWO NO.	MAPSCO PAGE NO.	MAP GRID	REV.
2020-1001069222	610W	WK194	

KEY MAP





MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE LESS THAN 2 YEARS PRIOR TO INSTALLATION

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT MINIMUM DEPTH OF 4' BELOW ASPHALT ELEVATION AT LIP OF CURB.

PIC CONTRACTOR INFORMATION:
PENDING INFO

INSTALL NATURAL GAS SERVICE 5' OFF OF PROPOSED WATER SERVICE.

DEVELOPER IS RESPONSIBLE FOR STAKING SERVICE LOCATION

NOTES:

1. GAS MAIN IS INSTALLED AT LOWEST OF 36" BELOW EXISTING GRADE OR 30" BELOW GUTTER ELEVATION (MIN).
2. PRIOR TO R.O.W. MAIN INSTALLATION, TGS CONTRACTOR TO CONTACT CUSTOMER AND COORDINATE TIE-IN AT THE PROPERTY LOCATION.

SHEET 2 OF 12

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)

LEGEND

- EXIST. ROW
- EXIST. EASEMENT
- EXIST. LOT LINES
- NEW GAS MAIN
- NEW GAS MAIN BORE
- NEW GAS MAIN INSERT
- NEW SERVICE LINE
- TO BE ABANDONED
- LOC — PROJECT LOCATION
- HP2PE (PRESSURE CLASS, PIPE SIZE, MATERIAL) — EXIST. HIGH PRESSURE LINE
- IP2PE (PRESSURE CLASS, PIPE SIZE, MATERIAL) — EXIST. INTERMEDIATE PRESSURE LINE
- LP2PE (PRESSURE CLASS, PIPE SIZE, MATERIAL) — EXIST. LOW PRESSURE LINE
- ABANDONED GAS LINE
- EXIST. WATER LINE
- EXIST. WASTE WATER
- EXIST. STORM SEWER
- EXIST. OVERHEAD ELECTRIC
- EXIST. UNDERGROUND ELECTRIC
- EXIST. OVERHEAD TELEPHONE

NOTES

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PRELIMINARY

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G. DIAZ	02/08/2021	M.CANO	02/08/2021	SEE GRAPHIC

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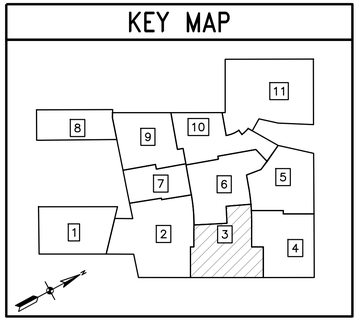
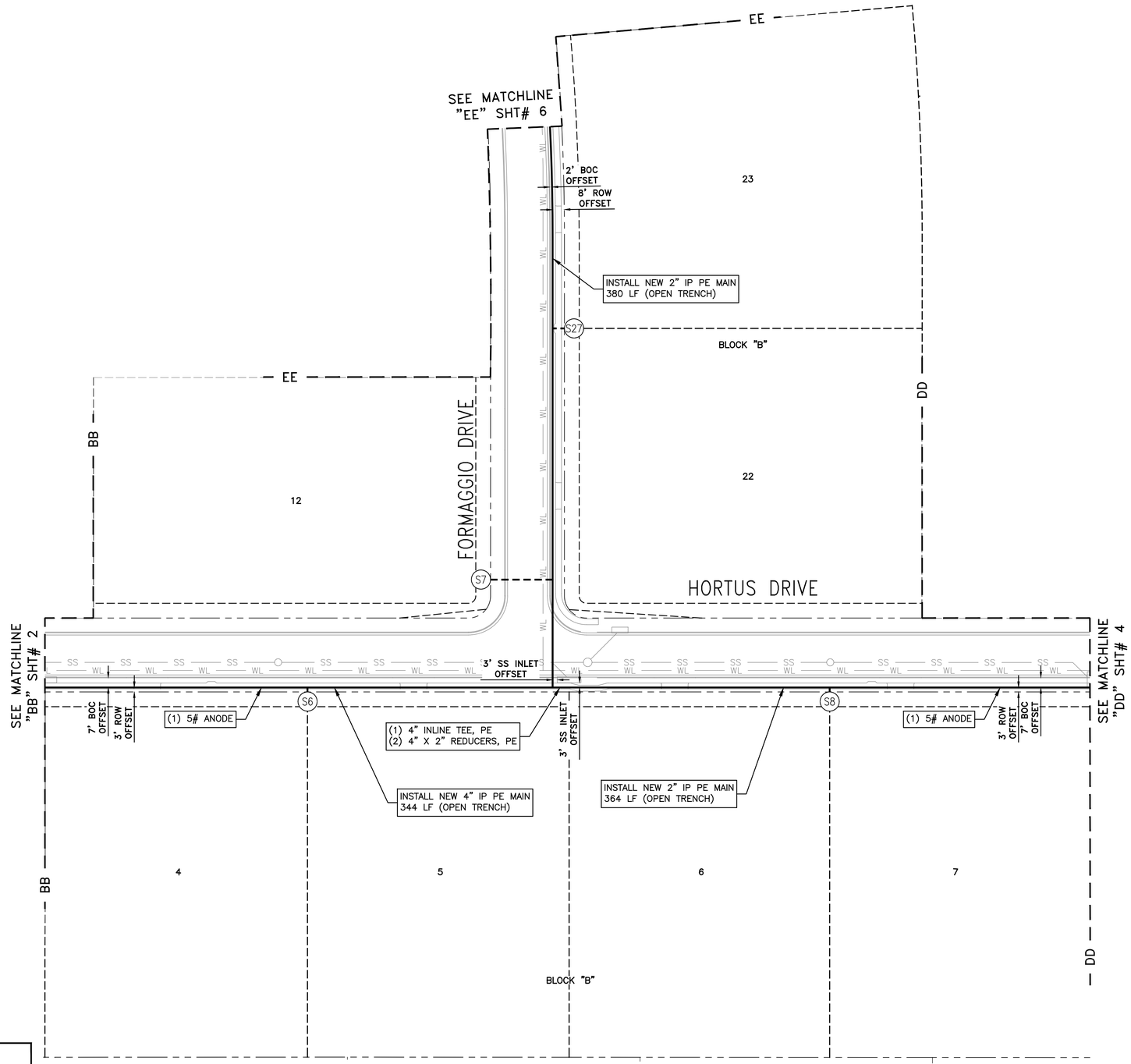
AUSTIN, TEXAS
Texas Gas Service™
A Division of ONE Gas

NEW MAIN AND SERVICES
ORCHARD RANCH/PHASE 1
AUSTIN, TX

WMO NO.	MAPSCO PAGE NO.	MAP GRID	REV.
2020-1001069222	610W	W1194	

KEY MAP





GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)

LEGEND

- EXIST. ROW
- EXIST. EASEMENT
- EXIST. LOT LINES
- NEW GAS MAIN
- NEW GAS MAIN BORE
- NEW GAS MAIN INSERT
- NEW SERVICE LINE
- TO BE ABANDONED
- LOC — PROJECT LOCATION
- HP2PE (PRESSURE CLASS, PIPE SIZE, MATERIAL) — EXIST. HIGH PRESSURE LINE
- IP2PE (PRESSURE CLASS, PIPE SIZE, MATERIAL) — EXIST. INTERMEDIATE PRESSURE LINE
- LP2PE (PRESSURE CLASS, PIPE SIZE, MATERIAL) — EXIST. LOW PRESSURE LINE
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- EXIST. WASTE WATER
- EXIST. STORM SEWER
- EXIST. OVERHEAD ELECTRIC
- EXIST. UNDERGROUND ELECTRIC
- EXIST. OVERHEAD TELEPHONE

NOTES

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12. ALL BORES WILL BE DIRECTIONAL UNLESS OTHERWISE SPECIFIED.

MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE LESS THAN 2 YEARS PRIOR TO INSTALLATION

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT MINIMUM DEPTH OF 4' BELOW ASPHALT ELEVATION AT LIP OF CURB.

PIC CONTRACTOR INFORMATION:
PENDING INFO

INSTALL NATURAL GAS SERVICE 5' OFF OF PROPOSED WATER SERVICE.

DEVELOPER IS RESPONSIBLE FOR STAKING SERVICE LOCATION

NOTES:

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SHEET 3 OF 12

PRELIMINARY

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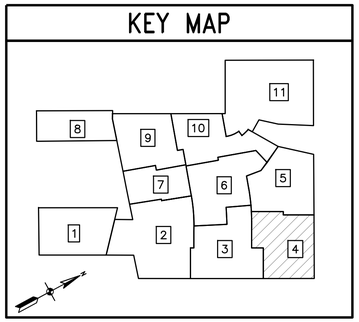
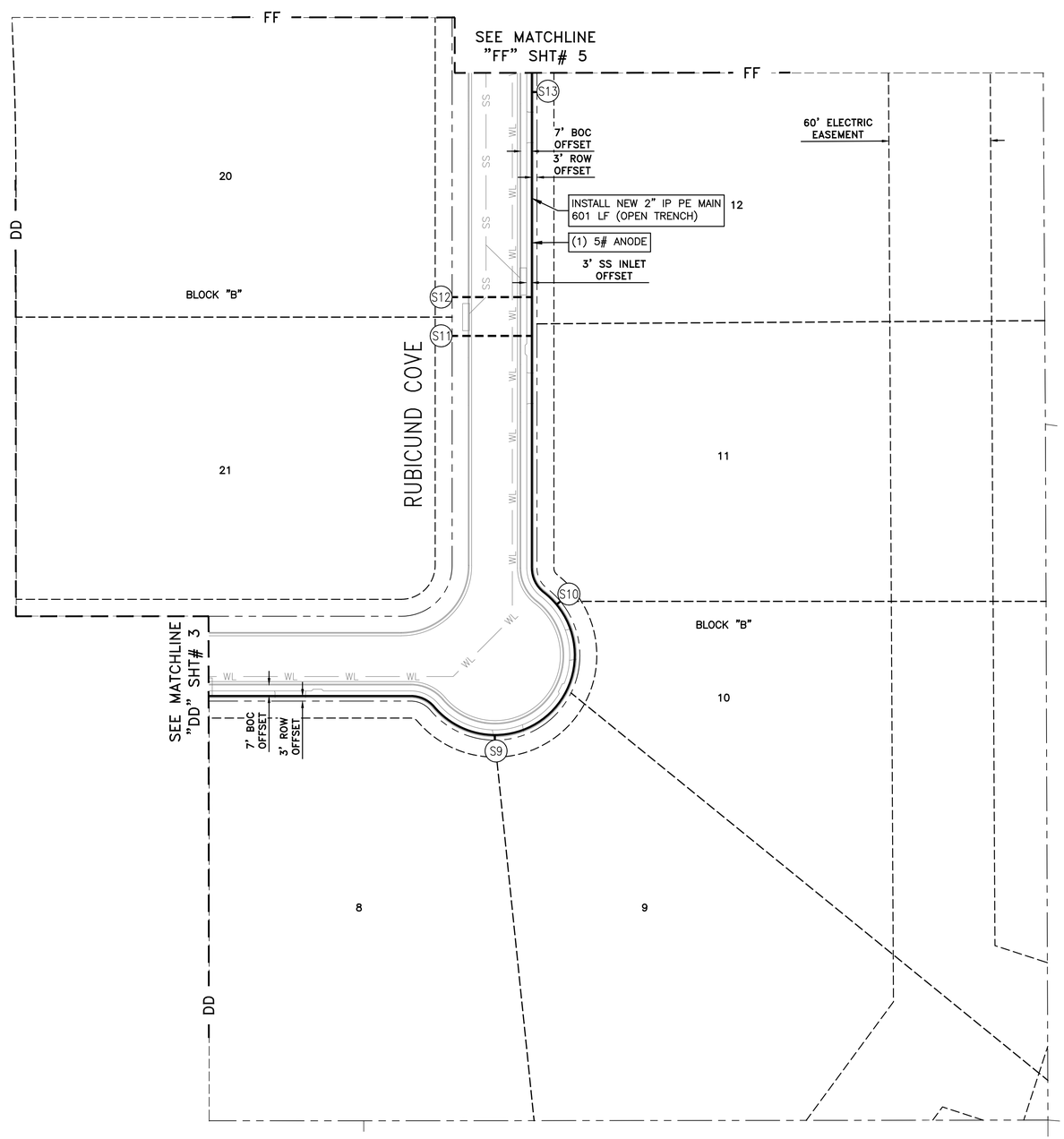
NEW MAIN AND SERVICES
ORCHARD RANCH/PHASE 1
AUSTIN, TX

MWO NO.	MAPSCO PAGE NO.	MAP GRID	REV.
2020-1001069222	610W	WY194	

KEY MAP





GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)

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12. ALL BORES WILL BE DIRECTIONAL UNLESS OTHERWISE SPECIFIED.

MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE LESS THAN 2 YEARS PRIOR TO INSTALLATION

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT MININUM DEPTH OF 4' BELOW ASPHALT ELEVATION AT LIP OF CURB.

PIC CONTRACTOR INFORMATION:
PENDING INFO

INSTALL NATURAL GAS SERVICE 5' OFF OF PROPOSED WATER SERVICE.

DEVELOPER IS RESPONSIBLE FOR STAKING SERVICE LOCATION

NOTES:

1. **GAS MAIN IS INSTALLED AT LOWEST OF 36" BELOW EXISTING GRADE OR 30" BELOW GUTTER ELEVATION (MIN).**
2. **PRIOR TO R.O.W. MAIN INSTALLATION, TGS CONTRACTOR TO CONTACT CUSTOMER AND COORDINATE TIE-IN AT THE PROPERTY LOCATION.**

SHEET 4 OF 12

PRELIMINARY

NO.	DATE	BY	REVISIONS DESCRIPTION

THE RAILROAD COMMISSION OF TEXAS IS REQUIRING GAS UTILITIES TO RECORD THE LOCATION OF ALL PLASTIC PIPE BY PRINT LINE. AS A RESULT OF THIS NEW CONSTRAINT, THE CONTRACTOR WILL BE REQUIRED TO CONFORM TO CERTAIN SPECIFICATIONS ASSOCIATED WITH THE PIPE INSTALLED IN YOUR SUBDIVISION.

APPROXIMATE LOCATION OF EXISTING GAS LINES.
NO BLASTING WITHIN 1 FOOT OF GAS LINES.
CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO GAS LINES.
CONTACT 1-800-DIG-TESS (1-800-344-8377) FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO EXCAVATING.

DRAWN BY	DATE	CHECKED BY	DATE	SCALE
G. DIAZ	02/08/2021	M. CANO	02/08/2021	SEE GRAPHIC

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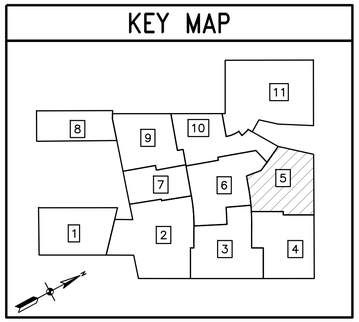
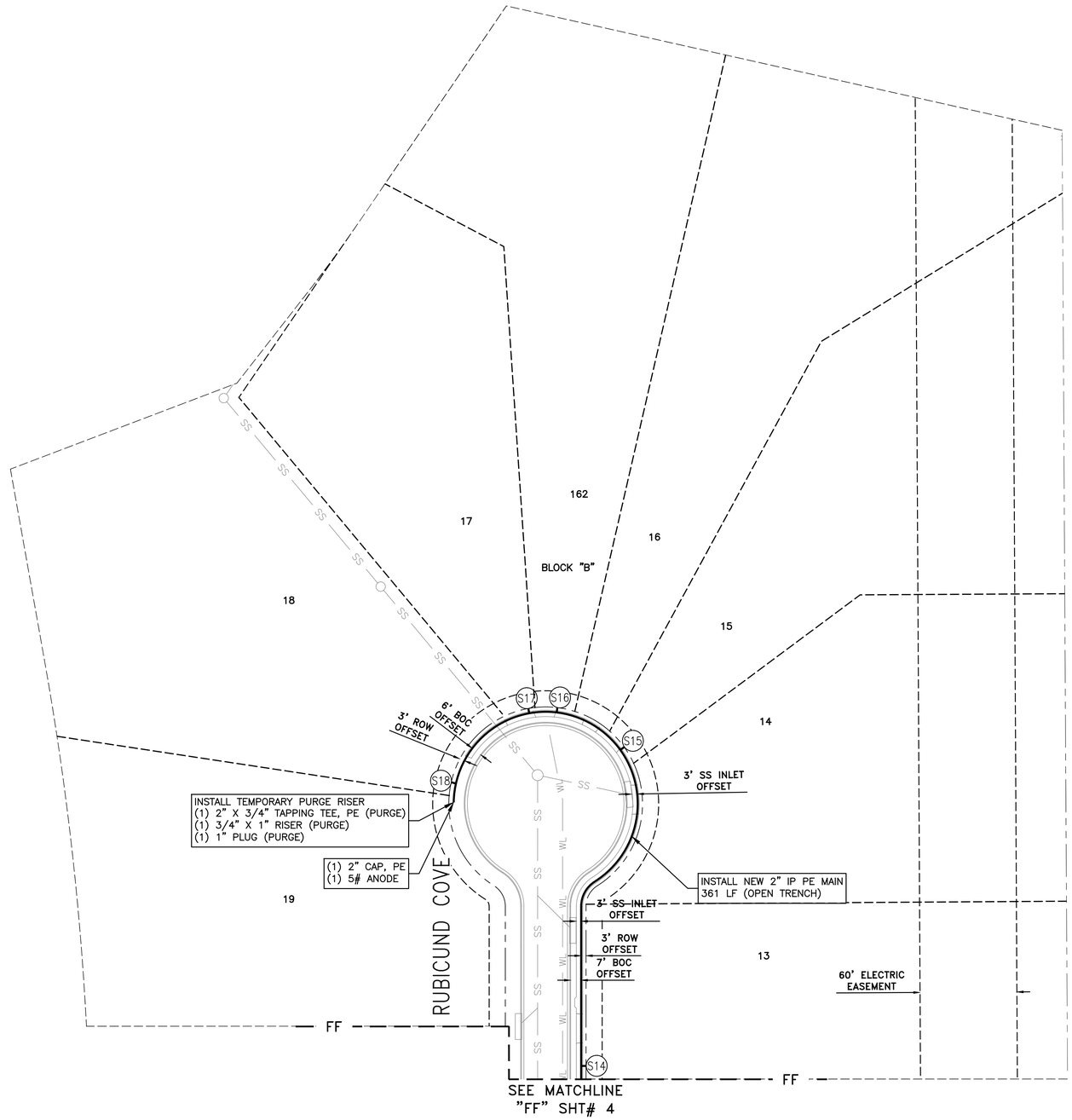
AUSTIN, TEXAS
Texas Gas Service
A Division of ONE Gas

NEW MAIN AND SERVICES
ORCHARD RANCH/PHASE 1
AUSTIN, TX

WO NO.	MAPSCO PAGE NO.	MAP GRID	REV.
2020-1001069222	610W	WY194	

KEY MAP





MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE LESS THAN 2 YEARS PRIOR TO INSTALLATION

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT MININUM DEPTH OF 4' BELOW ASPHALT ELEVATION AT LIP OF CURB.

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PENDING INFO

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DEVELOPER IS RESPONSIBLE FOR STAKING SERVICE LOCATION

NOTES:

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SHEET 5 OF 12

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)

LEGEND

- EXIST. ROW
- EXIST. EASEMENT
- EXIST. LOT LINES
- NEW GAS MAIN
- NEW GAS MAIN BORE
- NEW GAS MAIN INSERT
- NEW SERVICE LINE
- TO BE ABANDONED
- LOC — PROJECT LOCATION
- HP2PE (PRESSURE CLASS, PIPE SIZE, MATERIAL) — EXIST. HIGH PRESSURE LINE
- IP2PE (PRESSURE CLASS, PIPE SIZE, MATERIAL) — EXIST. INTERMEDIATE PRESSURE LINE
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- ABANDONED GAS LINE
- EXIST. WATER LINE
- EXIST. WASTE WATER
- EXIST. STORM SEWER
- EXIST. OVERHEAD ELECTRIC
- EXIST. UNDERGROUND ELECTRIC
- EXIST. OVERHEAD TELEPHONE

NOTES

1. PRIOR TO THE INSTALLATION OF T.G.S. OWNED GAS LINES, IT IS THE CUSTOMERS RESPONSIBILITY TO GRADE ALL STREETS, ALLEYS, ROADWAYS OR EASEMENTS TO SUBGRADE, ± .50 FEET (6 INCHES).
2. ALL SURFACE REPAIRS MADE ON PRIVATE PROPERTY BY TEXAS GAS SERVICE OR ITS AFFILIATES, WILL BE TEMPORARY. ALL PERMANENT REPAIRS ARE THE OWNERS RESPONSIBILITY.
3. CONTRACTOR TO CONTACT T.G.S. ENG. DEPT. PRIOR TO CONSTRUCTION TO VERIFY ASSIGNMENTS OF MAINS & SERVICES WHEN APPLICABLE.
4. DETERMINATION OF GRADE FOR GAS MAINS AT STORM SEWER CROSSINGS TO BE DONE IN THE FIELD IN CONJUNCTION WITH PROFILE SHEETS WHEN APPLICABLE.
5. ALL SPOIL SHALL BE REMOVED FROM JOB SITE UPON COMPLETION OF GAS LINE INSTALLATION.
6. #14 COPPER TRACER WIRE TO BE PLACED IN BOTTOM OF TRENCH PARALLEL TO MAINS & SERVICES. ALL WIRE JOINTS SHALL BE IN ACCORDANCE WITH T.G.S. STANDARDS. TRACER WIRE TO BE ONE CONTINUOUS UNIT.
7. MARKER TAPE TO BE INSTALLED 1 FOOT BELOW SUBGRADE & PARALLEL TO MAINS & SERVICES.
8. DEVELOPER OR ITS REPRESENTATIVE SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL & REQUIRED TESTING IN ACCORDANCE WITH AGENCY AND TEXAS GAS SERVICE STANDARDS.
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PRELIMINARY

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CHECKED BY	M. CANO	DATE	02/08/2021
SCALE	SEE GRAPHIC		

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AUSTIN, TEXAS
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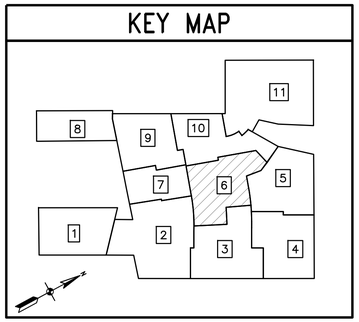
A Division of ONE Gas

NEW MAIN AND SERVICES
ORCHARD RANCH/PHASE 1
AUSTIN, TX

MWO. NO.	MAPSCO PAGE NO.	MAP GRID	REV.
2020-100106922	610W	WX194	

KEY MAP



GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)

LEGEND

- EXIST. ROW
- EXIST. EASEMENT
- EXIST. LOT LINES
- NEW GAS MAIN
- NEW GAS MAIN BORE
- NEW GAS MAIN INSERT
- NEW SERVICE LINE
- TO BE ABANDONED
- LOC — PROJECT LOCATION
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- EXIST. WASTE WATER
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- EXIST. OVERHEAD ELECTRIC
- EXIST. UNDERGROUND ELECTRIC
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PRELIMINARY

MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE LESS THAN 2 YEARS PRIOR TO INSTALLATION

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PIC CONTRACTOR INFORMATION:
PENDING INFO

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SHEET 6 OF 12

NO.	DATE	BY	DESCRIPTION

REVISIONS

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G. DIAZ	02/08/2021	M. CANO	02/08/2021

SCALE: SEE GRAPHIC

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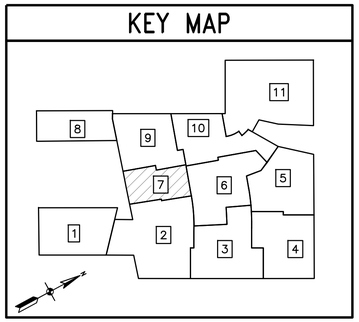
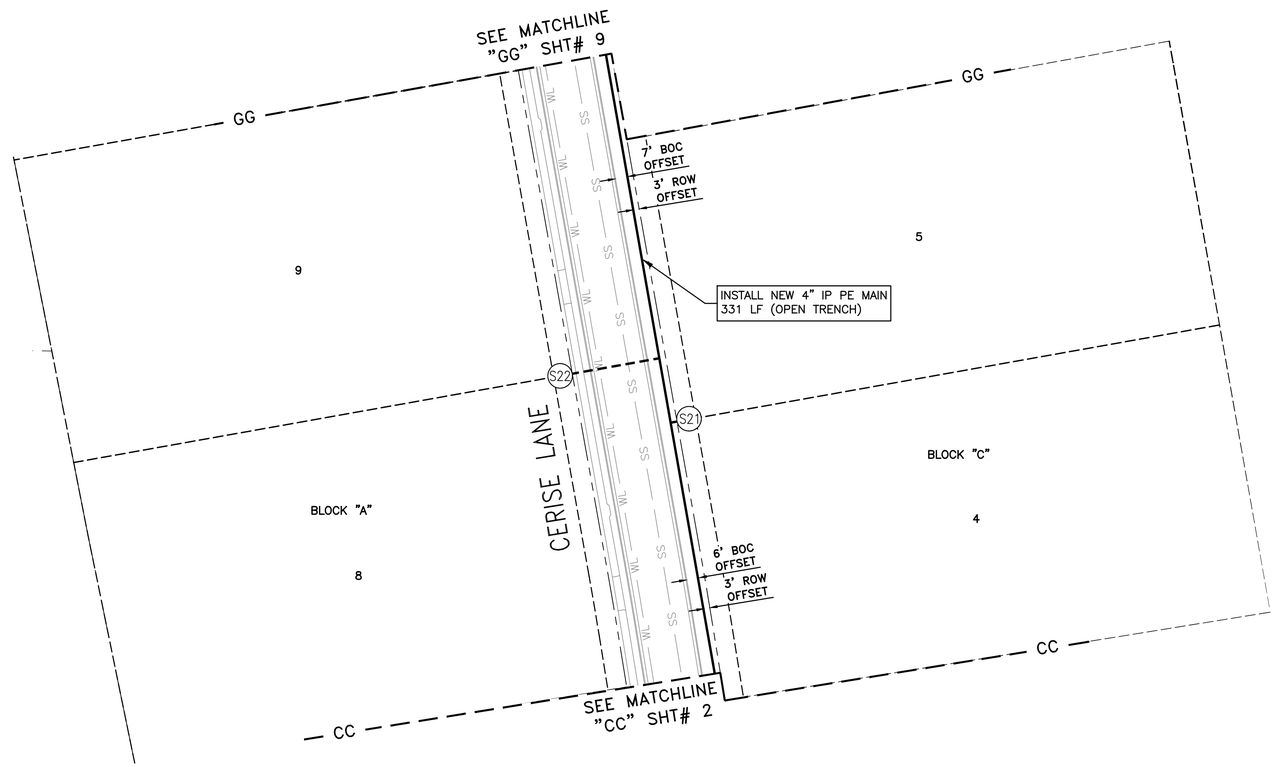
NEW MAIN AND SERVICES
ORCHARD RANCH/PHASE 1
AUSTIN, TX

WMO NO.	MAPSCO PAGE NO.	MAP GRID	REV.
2020-1001069222	610W	WY194	

KEY MAP





GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)

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PRELIMINARY

MAOP: 60 PSIG

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PIC CONTRACTOR INFORMATION:
PENDING INFO

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SHEET 7 OF 12

NO.	DATE	BY	REVISIONS DESCRIPTION

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G. DIAZ	02/08/2021	M. CANO	02/08/2021	SEE GRAPHIC

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NEW MAIN AND SERVICES
ORCHARD RANCH/PHASE 1
AUSTIN, TX

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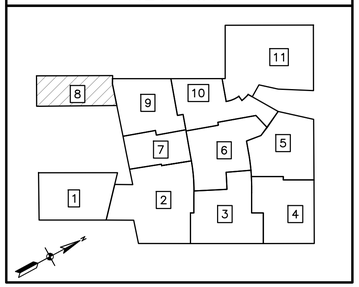
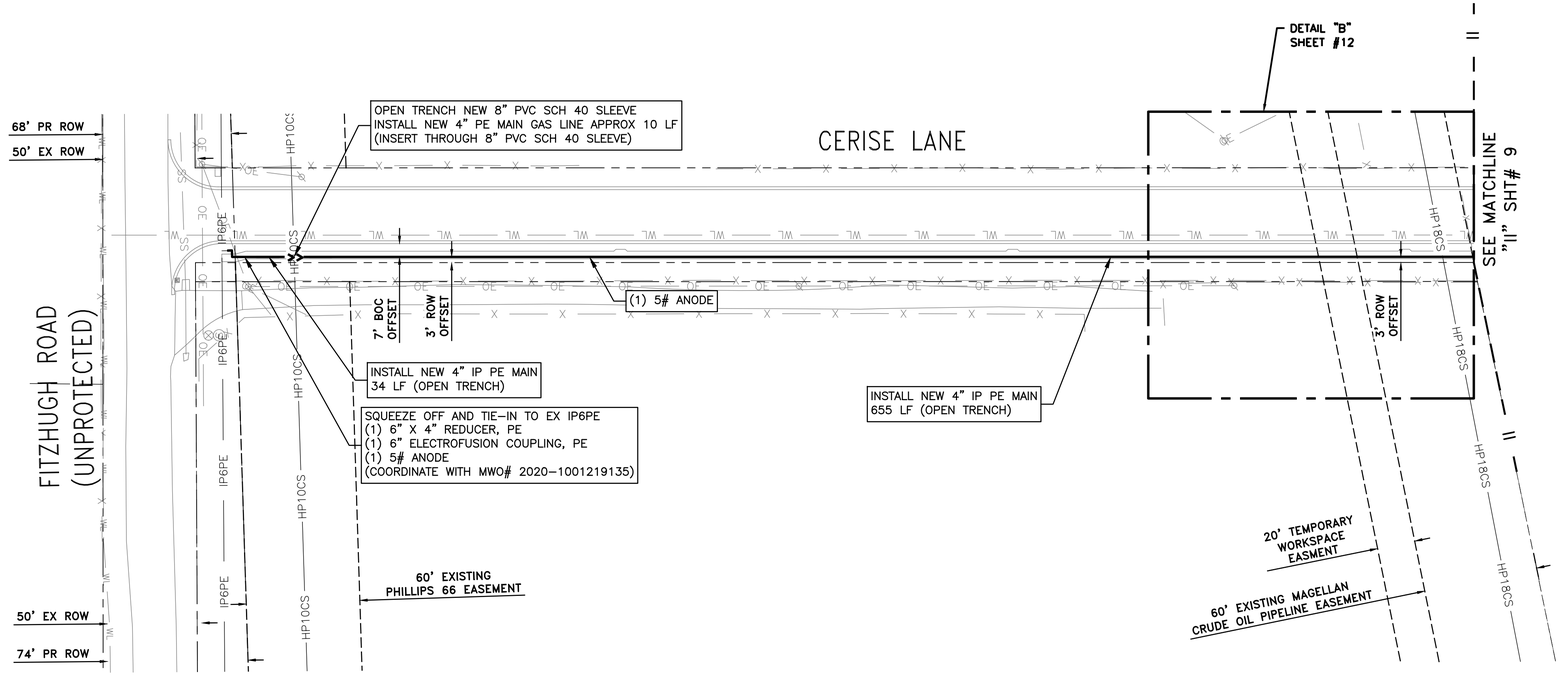
2020-1001069222	610W	WY194	

KEY MAP





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SHEET 8 OF 12

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)

LEGEND

- EXIST. ROW
- EXIST. EASEMENT
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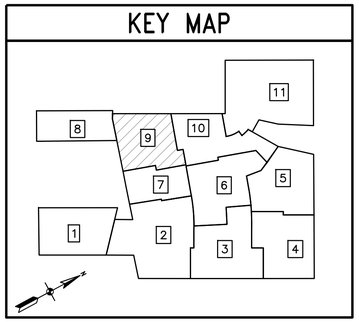

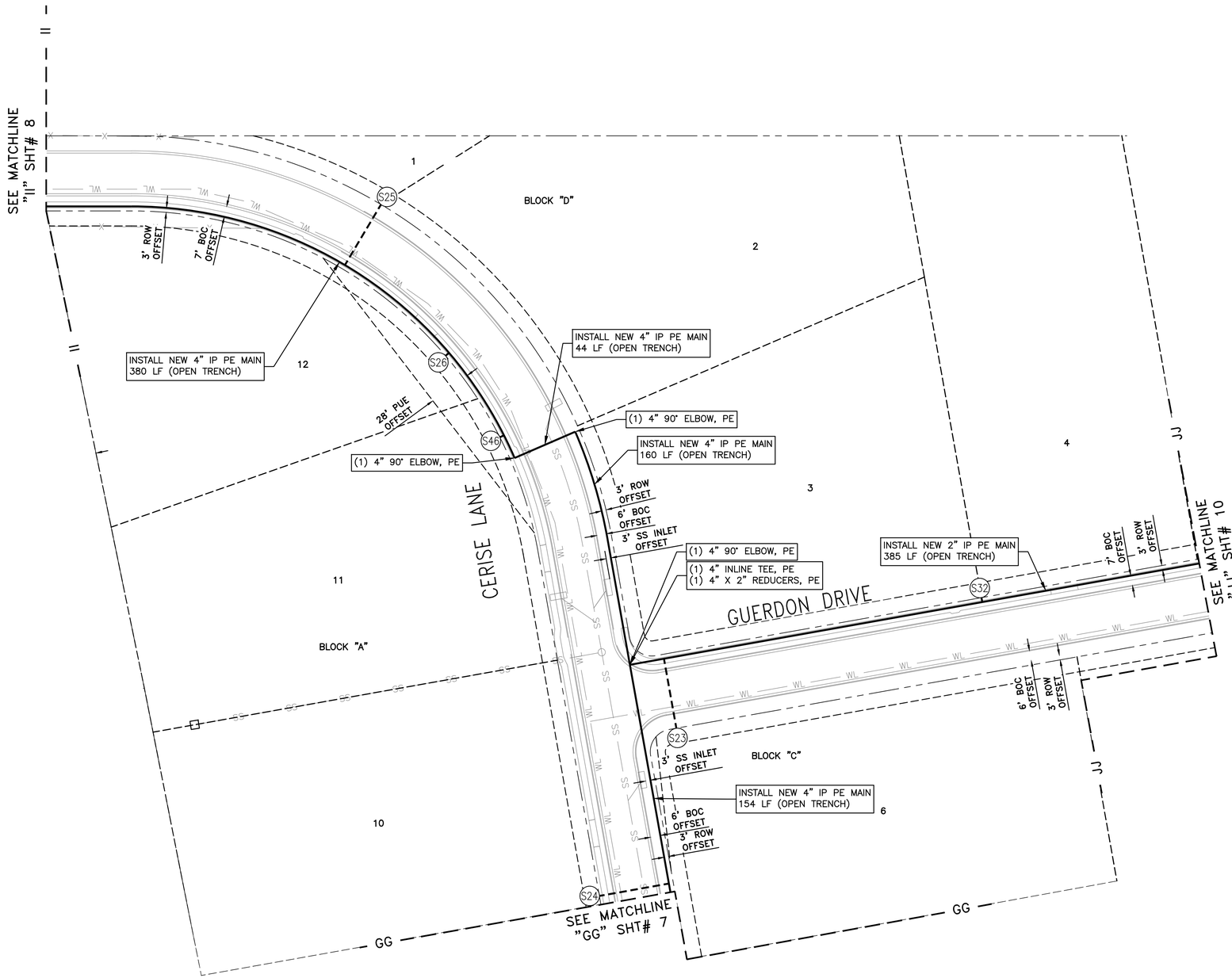

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)

LEGEND

- EXIST. ROW
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- NEW GAS MAIN
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- TO BE ABANDONED
- PROJECT LOCATION (LOC)
- EXIST. HIGH PRESSURE LINE (HP2PE; PRESSURE CLASS, PIPE SIZE, MATERIAL)
- EXIST. INTERMEDIATE PRESSURE LINE (IP2PE; PRESSURE CLASS, PIPE SIZE, MATERIAL)
- EXIST. LOW PRESSURE LINE (LP2PE; PRESSURE CLASS, PIPE SIZE, MATERIAL)
- ABANDONED GAS LINE
- EXIST. WATER LINE
- EXIST. WASTE WATER
- EXIST. STORM SEWER
- EXIST. OVERHEAD ELECTRIC
- EXIST. UNDERGROUND ELECTRIC
- EXIST. OVERHEAD TELEPHONE

NOTES

1. PRIOR TO THE INSTALLATION OF T.G.S. OWNED GAS LINES, IT IS THE CUSTOMERS RESPONSIBILITY TO GRADE ALL STREETS, ALLEYS, ROADWAYS OR EASEMENTS TO SUBGRADE, ± .50 FEET (6 INCHES).
2. ALL SURFACE REPAIRS MADE ON PRIVATE PROPERTY BY TEXAS GAS SERVICE OR ITS AFFILIATES, WILL BE TEMPORARY. ALL PERMANENT REPAIRS ARE THE OWNERS RESPONSIBILITY.
3. CONTRACTOR TO CONTACT T.G.S. ENG. DEPT. PRIOR TO CONSTRUCTION TO VERIFY ASSIGNMENTS OF MAINS & SERVICES WHEN APPLICABLE.
4. DETERMINATION OF GRADE FOR GAS MAINS AT STORM SEWER CROSSINGS TO BE DONE IN THE FIELD IN CONJUNCTION WITH PROFILE SHEETS WHEN APPLICABLE.
5. ALL SPOIL SHALL BE REMOVED FROM JOB SITE UPON COMPLETION OF GAS LINE INSTALLATION.
6. #14 COPPER TRACER WIRE TO BE PLACED IN BOTTOM OF TRENCH PARALLEL TO MAINS & SERVICES. ALL WIRE JOINTS SHALL BE IN ACCORDANCE WITH T.G.S. STANDARDS. TRACER WIRE TO BE ONE CONTINUOUS UNIT.
7. MARKER TAPE TO BE INSTALLED 1 FOOT BELOW SUBGRADE & PARALLEL TO MAINS & SERVICES.
8. DEVELOPER OR ITS REPRESENTATIVE SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL & REQUIRED TESTING IN ACCORDANCE WITH AGENCY AND TEXAS GAS SERVICE STANDARDS.
9. CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. ANY DAMAGE TO EXISTING FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. ANODE TO BE INSTALLED TO TRACER WIRE. TRACER WIRE WILL NOT BE TIED TO WRAPPED STEEL MAIN.
11. ALL STUBS MUST BE MARKED BY A 4" POLYETHYLENE SLEEVE WHICH IS 4' IN LENGTH. THE SLEEVES CAN BE PICKED UP AT TEXAS GAS SERVICE, 5613 AVE F, AUSTIN. T.G.S. WILL REMOVE THE SLEEVE AT THE TIME OF YARD LINE INSTALLATION.
12. ALL BORES WILL BE DIRECTIONAL UNLESS OTHERWISE SPECIFIED.

MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE LESS THAN 2 YEARS PRIOR TO INSTALLATION

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT MININUM DEPTH OF 4' BELOW ASPHALT ELEVATION AT LIP OF CURB.

PIC CONTRACTOR INFORMATION:
PENDING INFO

INSTALL NATURAL GAS SERVICE 5' OFF OF PROPOSED WATER SERVICE.

DEVELOPER IS RESPONSIBLE FOR STAKING SERVICE LOCATION

NOTES:

1. GAS MAIN IS INSTALLED AT LOWEST OF 36" BELOW EXISTING GRADE OR 30" BELOW GUTTER ELEVATION (MIN).
2. PRIOR TO R.O.W. MAIN INSTALLATION, TGS CONTRACTOR TO CONTACT CUSTOMER AND COORDINATE TIE-IN AT THE PROPERTY LOCATION.

SHEET 9 OF 12

PRELIMINARY

NO.	DATE	BY	REVISIONS DESCRIPTION

THE RAILROAD COMMISSION OF TEXAS IS REQUIRING GAS UTILITIES TO RECORD THE LOCATION OF ALL PLASTIC PIPE BY PRINT LINE. AS A RESULT OF THIS NEW CONSTRAINT, THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH CERTAIN SPECIFICATIONS ASSOCIATED WITH THE PIPE INSTALLED IN YOUR SUBDIVISION.

APPROXIMATE LOCATION OF EXISTING GAS LINES WITHIN LIMITS OF GAS LINES. NO BLASTING WITHIN 1 FOOT OF GAS LINES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO GAS LINES. CONTACT 1-800-DIG-TESS (1-800-344-8377) FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO EXCAVATING.

DRAWN BY	DATE
G. DIAZ	02/08/2021
CHECKED BY	DATE
M. CANO	02/08/2021
SCALE	
SEE GRAPHIC	

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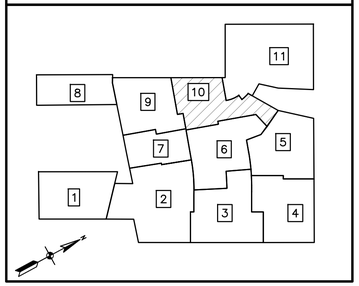
AUSTIN, TEXAS
Texas Gas Service™
A Division of ONE Gas

NEW MAIN AND SERVICES
ORCHARD RANCH/PHASE 1
AUSTIN, TX

MWO NO.	MAPSCO PAGE NO.	MAP GRID	REV.
2020-100169222	610W	WY194	

KEY MAP



NOTES

1. PRIOR TO THE INSTALLATION OF T.G.S. OWNED GAS LINES, IT IS THE CUSTOMERS RESPONSIBILITY TO GRADE ALL STREETS, ALLEYS, ROADWAYS OR EASEMENTS TO SUBGRADE, ± .50 FEET (6 INCHES).
2. ALL SURFACE REPAIRS MADE ON PRIVATE PROPERTY BY TEXAS GAS SERVICE OR ITS AFFILIATES, WILL BE TEMPORARY. ALL PERMANENT REPAIRS ARE THE OWNERS RESPONSIBILITY.
3. CONTRACTOR TO CONTACT T.G.S. ENG. DEPT. PRIOR TO CONSTRUCTION TO VERIFY ASSIGNMENTS OF MAINS & SERVICES WHEN APPLICABLE.
4. DETERMINATION OF GRADE FOR GAS MAINS AT STORM SEWER CROSSINGS TO BE DONE IN THE FIELD IN CONJUNCTION WITH PROFILE SHEETS WHEN APPLICABLE.
5. ALL SPOIL SHALL BE REMOVED FROM JOB SITE UPON COMPLETION OF GAS LINE INSTALLATION.
6. #14 COPPER TRACER WIRE TO BE PLACED IN BOTTOM OF TRENCH PARALLEL TO MAINS & SERVICES. ALL WIRE JOINTS SHALL BE IN ACCORDANCE WITH T.G.S. STANDARDS. TRACER WIRE TO BE ONE CONTINUOUS UNIT.
7. MARKER TAPE TO BE INSTALLED 1 FOOT BELOW SUBGRADE & PARALLEL TO MAINS & SERVICES.
8. DEVELOPER OR ITS REPRESENTATIVE SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL & REQUIRED TESTING IN ACCORDANCE WITH AGENCY AND TEXAS GAS SERVICE STANDARDS.
9. CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. ANY DAMAGE TO EXISTING FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. ANODE TO BE INSTALLED TO TRACER WIRE. TRACER WIRE WILL NOT BE TIED TO WRAPPED STEEL MAIN.
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12. ALL BORES WILL BE DIRECTIONAL UNLESS OTHERWISE SPECIFIED.

MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE LESS THAN 2 YEARS PRIOR TO INSTALLATION

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT MINIMUM DEPTH OF 4' BELOW ASPHALT ELEVATION AT LIP OF CURB.

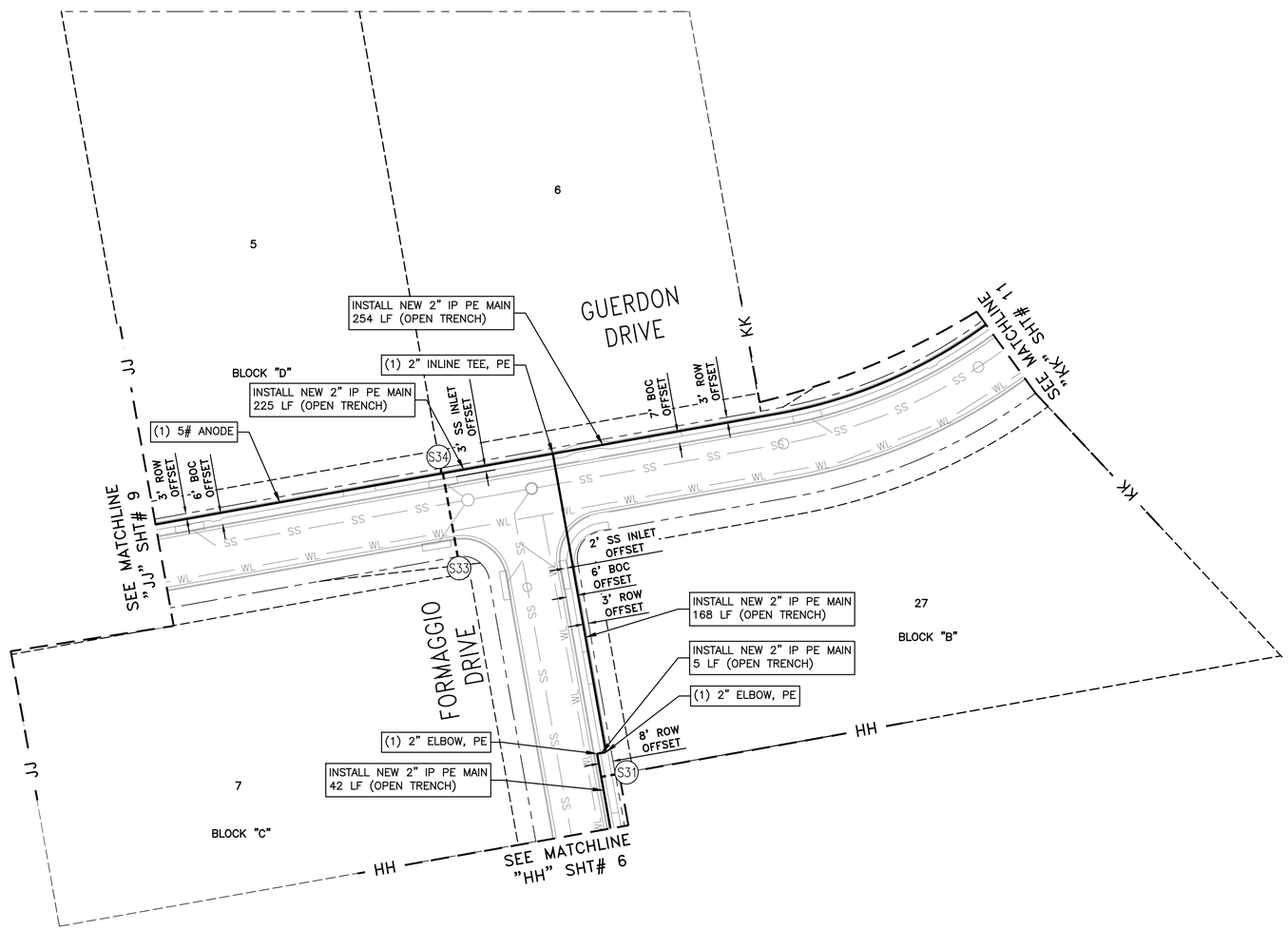
PIC CONTRACTOR INFORMATION:
PENDING INFO

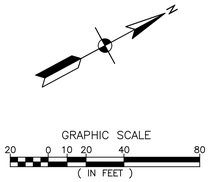
INSTALL NATURAL GAS SERVICE 5' OFF OF PROPOSED WATER SERVICE.

DEVELOPER IS RESPONSIBLE FOR STAKING SERVICE LOCATION

NOTES:

1. GAS MAIN IS INSTALLED AT LOWEST OF 36" BELOW EXISTING GRADE OR 30" BELOW GUTTER ELEVATION (MIN).
2. PRIOR TO R.O.W. MAIN INSTALLATION, TGS CONTRACTOR TO CONTACT CUSTOMER AND COORDINATE TIE-IN AT THE PROPERTY LOCATION.





LEGEND

- EXIST. ROW
- EXIST. EASEMENT
- EXIST. LOT LINES
- NEW GAS MAIN
- NEW GAS MAIN BORE
- NEW GAS MAIN INSERT
- NEW SERVICE LINE
- TO BE ABANDONED
- LOC — PROJECT LOCATION
- HP2PE (PRESSURE CLASS, PIPE SIZE, MATERIAL) — EXIST. HIGH PRESSURE LINE
- IP2PE (PRESSURE CLASS, PIPE SIZE, MATERIAL) — EXIST. INTERMEDIATE PRESSURE LINE
- LP2PE (PRESSURE CLASS, PIPE SIZE, MATERIAL) — EXIST. LOW PRESSURE LINE
- ABANDONED GAS LINE
- EXIST. WATER LINE
- EXIST. WASTE WATER
- EXIST. STORM SEWER
- EXIST. OVERHEAD ELECTRIC
- EXIST. UNDERGROUND ELECTRIC
- EXIST. OVERHEAD TELEPHONE

SHEET 10 OF 12

PRELIMINARY

NO.	DATE	BY	REVISIONS DESCRIPTION

THE RAILROAD COMMISSION OF TEXAS IS REQUIRING GAS UTILITIES TO RECORD THE LOCATION OF ALL PLASTIC PIPE BY PRINT LINE. AS A RESULT OF THIS NEW CONSTRAINT, THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH CERTAIN SPECIFICATIONS ASSOCIATED WITH THE PIPE INSTALLED IN YOUR SUBDIVISION.

APPROXIMATE LOCATION OF EXISTING GAS LINES.
NO BLASTING WITHIN 10' OF GAS LINES.
CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO GAS LINES.
CONTACT 1-800-DIG-TESS (1-800-344-8377) FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO EXCAVATING.

DRAWN BY	DATE
G. DIAZ	02/08/2021
CHECKED BY	DATE
M. CANO	02/08/2021
SCALE	
SEE GRAPHIC	

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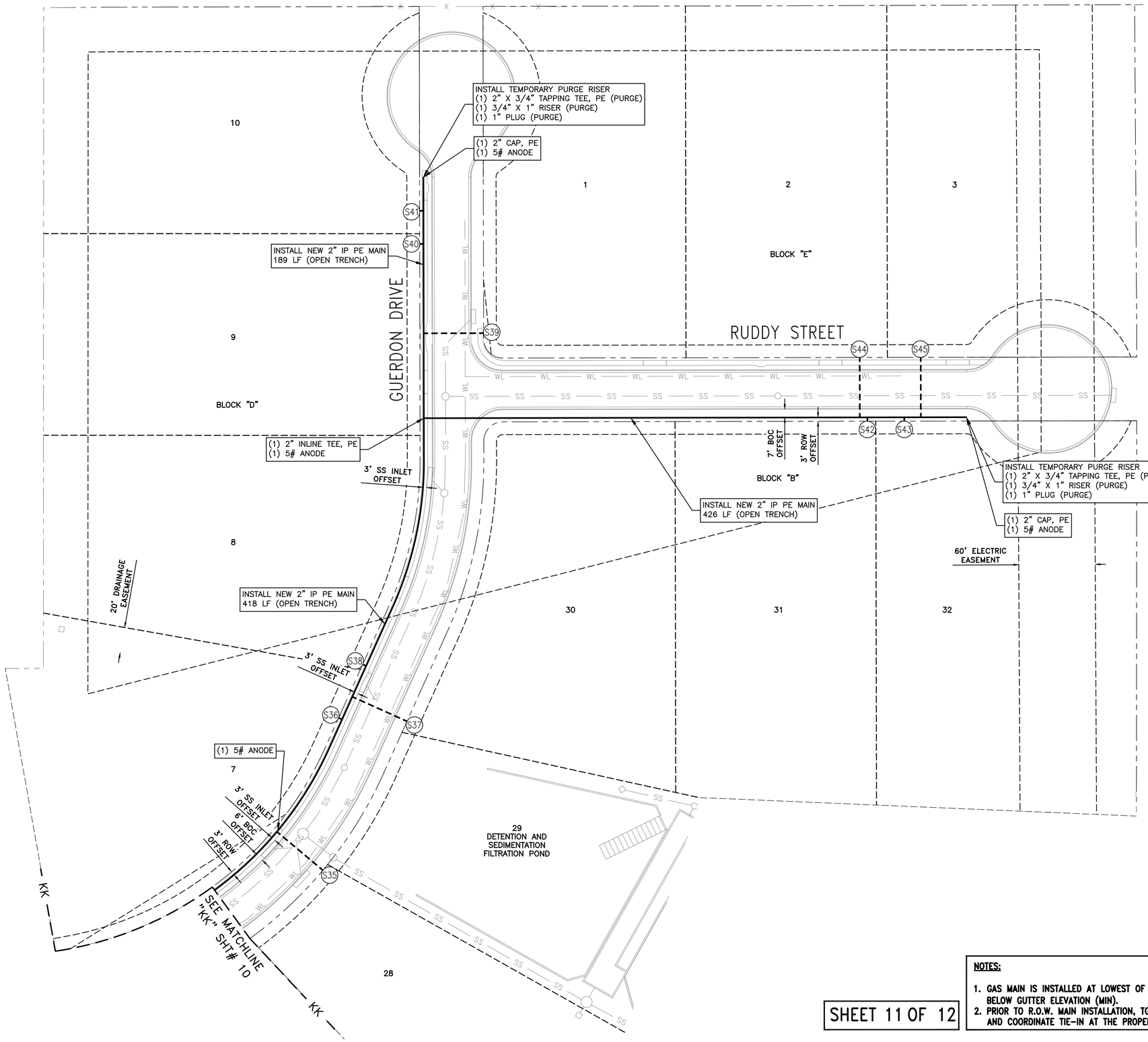
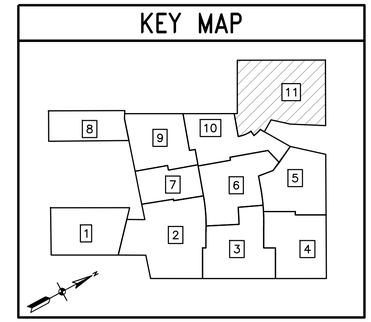
AUSTIN, TEXAS
Texas Gas Service
A Division of ONE Gas

NEW MAIN AND SERVICES
ORCHARD RANCH/PHASE 1
AUSTIN, TX

MWO NO.	MAPSCO PAGE NO.	MAP GRID	REV.
2020-1001069222	610W	WY194	



KEY MAP



GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)

LEGEND

- EXIST. ROW
- EXIST. EASEMENT
- EXIST. LOT LINES
- NEW GAS MAIN
- NEW GAS MAIN BORE
- NEW GAS MAIN INSERT
- NEW SERVICE LINE
- TO BE ABANDONED
- LOC — PROJECT LOCATION
- HP2PE — PRESSURE CLASS, PIPE SIZE, MATERIAL — EXIST. HIGH PRESSURE LINE
- IP2PE — PRESSURE CLASS, PIPE SIZE, MATERIAL — EXIST. INTERMEDIATE PRESSURE LINE
- LP2PE — PRESSURE CLASS, PIPE SIZE, MATERIAL — EXIST. LOW PRESSURE LINE
- ABANDONED GAS LINE
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- EXIST. WASTE WATER
- EXIST. STORM SEWER
- EXIST. OVERHEAD ELECTRIC
- EXIST. UNDERGROUND ELECTRIC
- EXIST. OVERHEAD TELEPHONE

MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE LESS THAN 2 YEARS PRIOR TO INSTALLATION

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT MININUM DEPTH OF 4' BELOW ASPHALT ELEVATION AT LIP OF CURB.

PIC CONTRACTOR INFORMATION:
PENDING INFO

INSTALL NATURAL GAS SERVICE 5' OFF OF PROPOSED WATER SERVICE.

DEVELOPER IS RESPONSIBLE FOR STAKING SERVICE LOCATION

NOTES

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NOTES:

1. **GAS MAIN IS INSTALLED AT LOWEST OF 36" BELOW EXISTING GRADE OR 30" BELOW GUTTER ELEVATION (MIN).**
2. **PRIOR TO R.O.W. MAIN INSTALLATION, TGS CONTRACTOR TO CONTACT CUSTOMER AND COORDINATE TIE-IN AT THE PROPERTY LOCATION.**

SHEET 11 OF 12

PRELIMINARY

NO.	DATE	BY	REVISIONS DESCRIPTION

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APPROXIMATE LOCATION OF EXISTING GAS LINES WITHIN 10 FEET OF GAS LINES. NO BLASTING WITHIN 10 FEET OF GAS LINES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO GAS LINES. CONTACT 1-800-DIG-TESS (1-800-344-8377) FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO EXCAVATING.

		DATE
DRAWN BY	G. DIAZ	02/08/2021
CHECKED BY	M. CANO	02/08/2021
SCALE	SEE GRAPHIC	

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AUSTIN, TEXAS
Texas Gas Service
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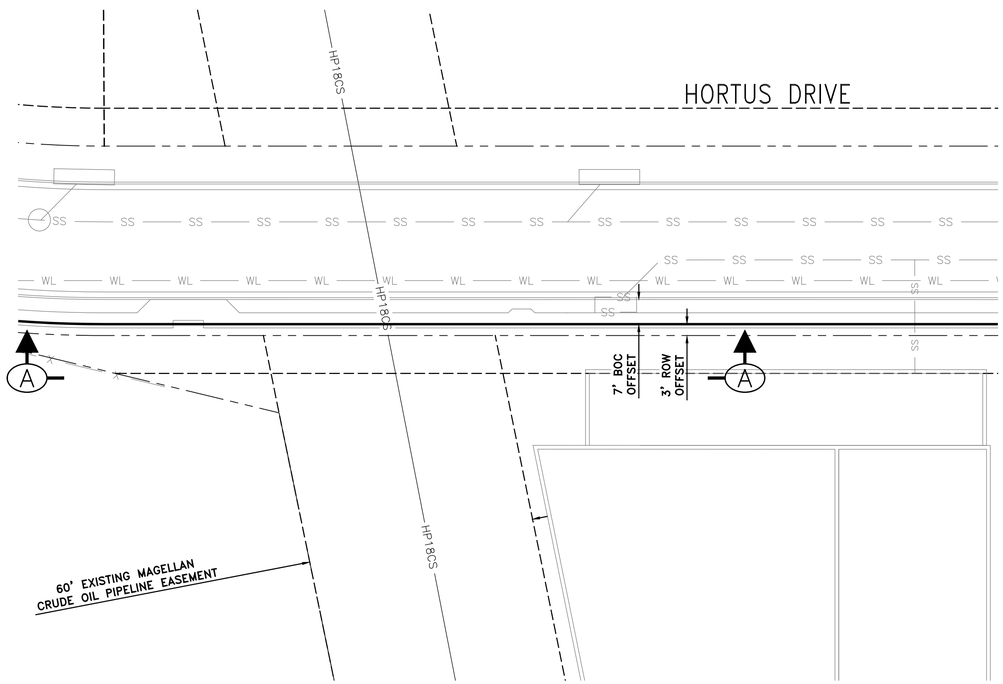
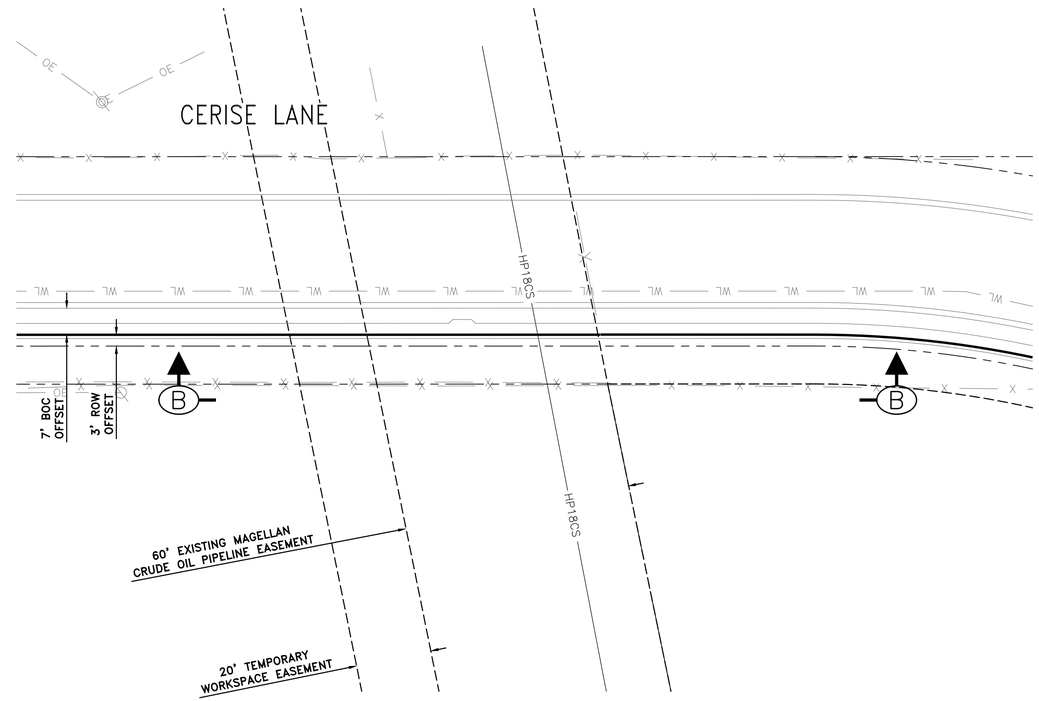
NEW MAIN AND SERVICES
ORCHARD RANCH/PHASE 1
AUSTIN, TX

WMO. NO.	MAPSCO PAGE NO.	MAP GRID	REV.
2020-100106922	610W	WK194	



DETAIL "A"



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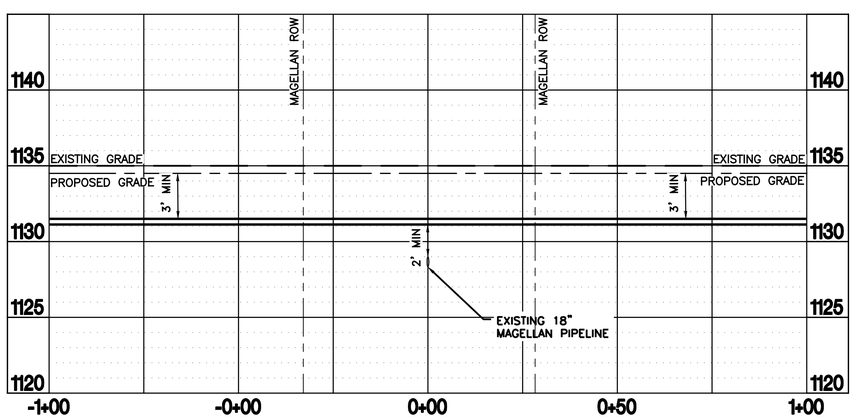
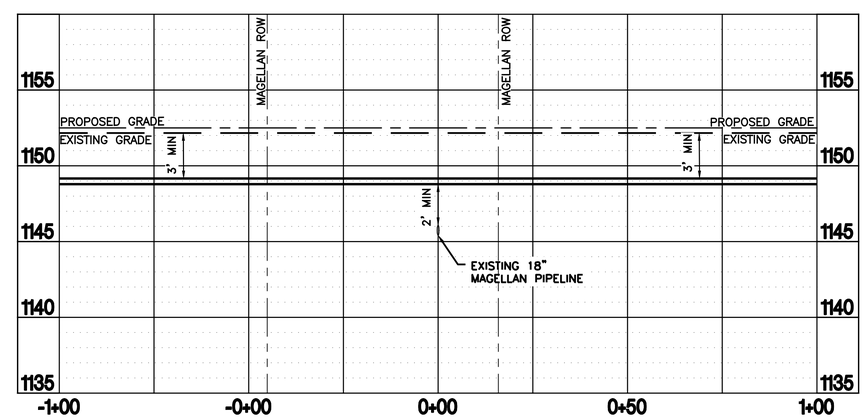


PROFILE - DETAIL "A-A"

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=5'



PROFILE - DETAIL "B-B"

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=5'

N

GRAPHIC SCALE
10 0 5 10 20 40
(IN FEET)

NO.	DATE	BY	REVISIONS DESCRIPTION

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NEW MAIN AND SERVICES
ORCHARD RANCH/PHASE 1
AUSTIN, TX

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SHEET 12 OF 12