

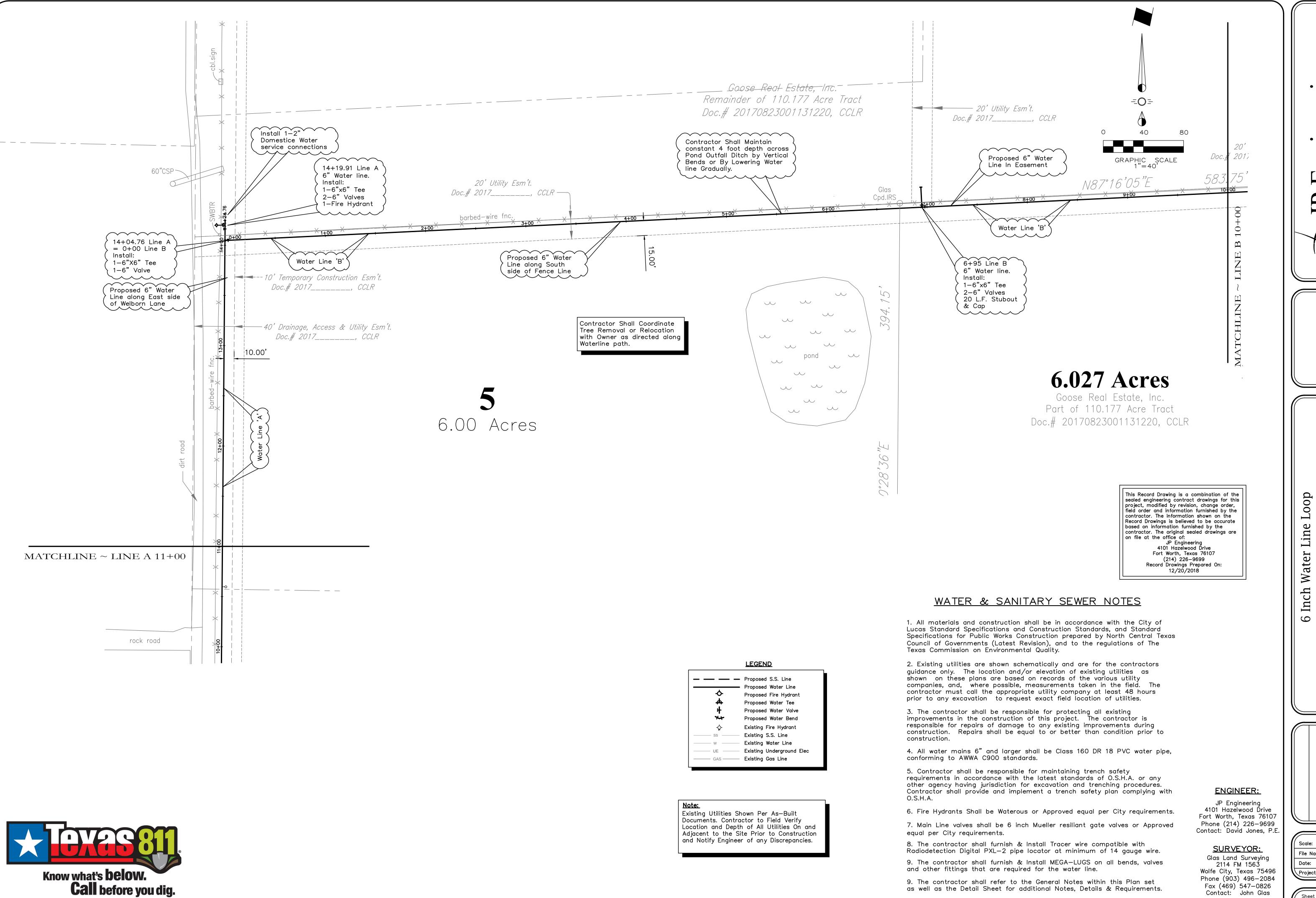
ering 0 gin H

ane ، ن Line Water Welborn Jo

' Scale: 1" = 40'

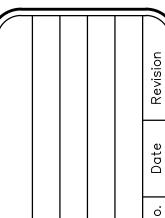
Contact: John Glas

File Name: Water Plan 1 **Date:** March 22, 2018 Project No.: 18002



G TER Jo

Water Welborn Inch 9



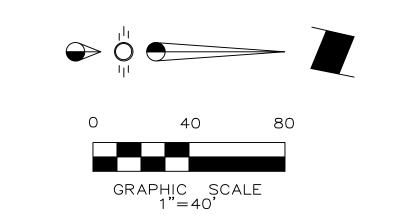
Scale: 1" = 40' File Name: Water Plan 2 **Date:** March 22, 2018 Wolfe City, Texas 75496 Project No.: 18002 Phone (903) 496-2084

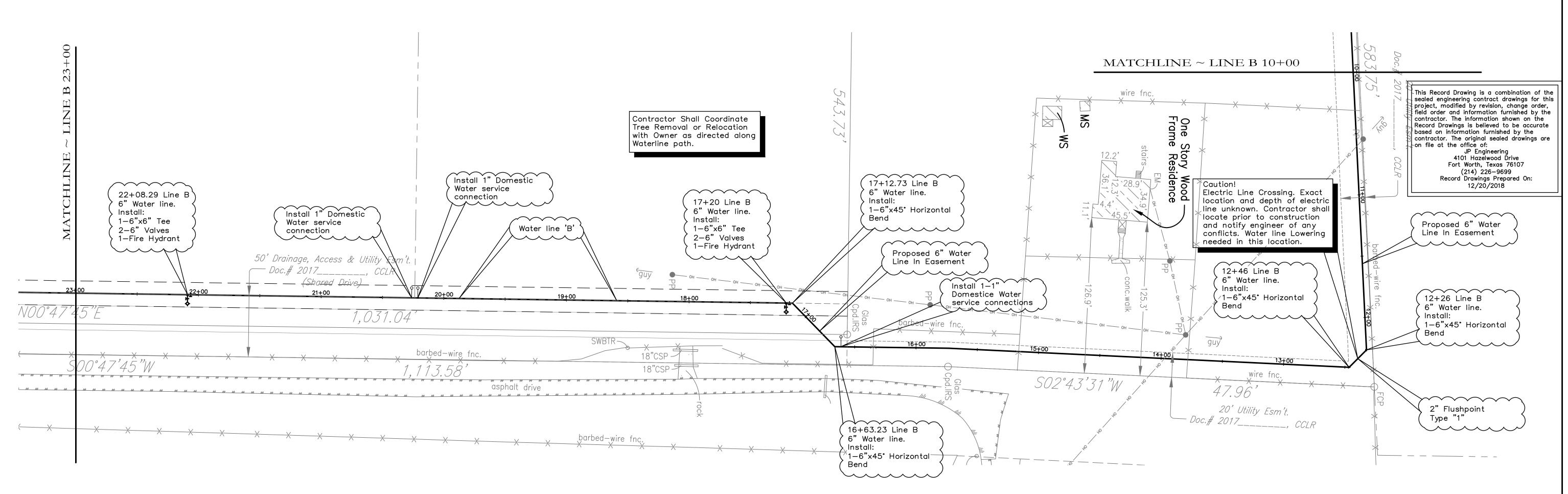
Fax (469) 547-0826

Contact: John Glas

9. The contractor shall refer to the General Notes within this Plan set

as well as the Detail Sheet for additional Notes, Details & Requirements.





LEGEND

	Proposed S.S. Line
	•
	Proposed Water Line
•	Proposed Fire Hydrant
♣	Proposed Water Tee
 	Proposed Water Valve
**	Proposed Water Bend
· \$ -	Existing Fire Hydrant
SS	Existing S.S. Line
w	Existing Water Line
UE	Existing Underground Elec
——— GAS ———	Existing Gas Line

Existing Utilities Shown Per As-Built Documents. Contractor to Field Verify Location and Depth of All Utilities On and Adjacent to the Site Prior to Construction and Notify Engineer of any Discrepancies.

WATER & SANITARY SEWER NOTES

- 1. All materials and construction shall be in accordance with the City of Lucas Standard Specifications and Construction Standards, and Standard Specifications for Public Works Construction prepared by North Central Texas Council of Governments (Latest Revision), and to the regulations of The Texas Commission on Environmental Quality.
- 2. Existing utilities are shown schematically and are for the contractors guidance only. The location and/or elevation of existing utilities as shown on these plans are based on records of the various utility companies, and, where possible, measurements taken in the field. The contractor must call the appropriate utility company at least 48 hours prior to any excavation to request exact field location of utilities.
- 3. The contractor shall be responsible for protecting all existing improvements in the construction of this project. The contractor is responsible for repairs of damage to any existing improvements during construction. Repairs shall be equal to or better than condition prior to construction.
- 4. All water mains 6" and larger shall be Class 160 DR 18 PVC water pipe, conforming to AWWA C900 standards.
- 5. Contractor shall be responsible for maintaining trench safety requirements in accordance with the latest standards of O.S.H.A. or any other agency having jurisdiction for excavation and trenching procedures. Contractor shall provide and implement a trench safety plan complying with
- 6. Fire Hydrants Shall be Waterous or Approved equal per City requirements.
- 7. Main Line valves shall be 6 inch Mueller resiliant gate valves or Approved equal per City requirements.
- 8. The contractor shall furnish & Install Tracer wire compatible with Radiodetection Digital PXL-2 pipe locator at minimum of 14 gauge wire. 9. The contractor shall furnish & Install MEGA—LUGS on all bends, valves and other fittings that are required for the water line.
- 9. The contractor shall refer to the General Notes within this Plan set as well as the Detail Sheet for additional Notes, Details & Requirements.

ENGINEER:

JP Engineering 4101 Hazelwood Drive Fort Worth, Texas 76107 Phone (214) 226-9699 Contact: David Jones, P.E

SURVEYOR:

Glas Land Surveying 2114 FM 1563 Wolfe City, Texas 75496 Phone (903) 496-2084 Fax (469) 547-0826 Contact: John Glas

Scale: 1" = 40'

File Name: Water Plan 3

Date: March 22, 2018

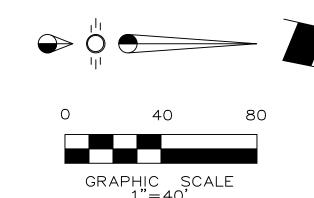
Project No.: 18002

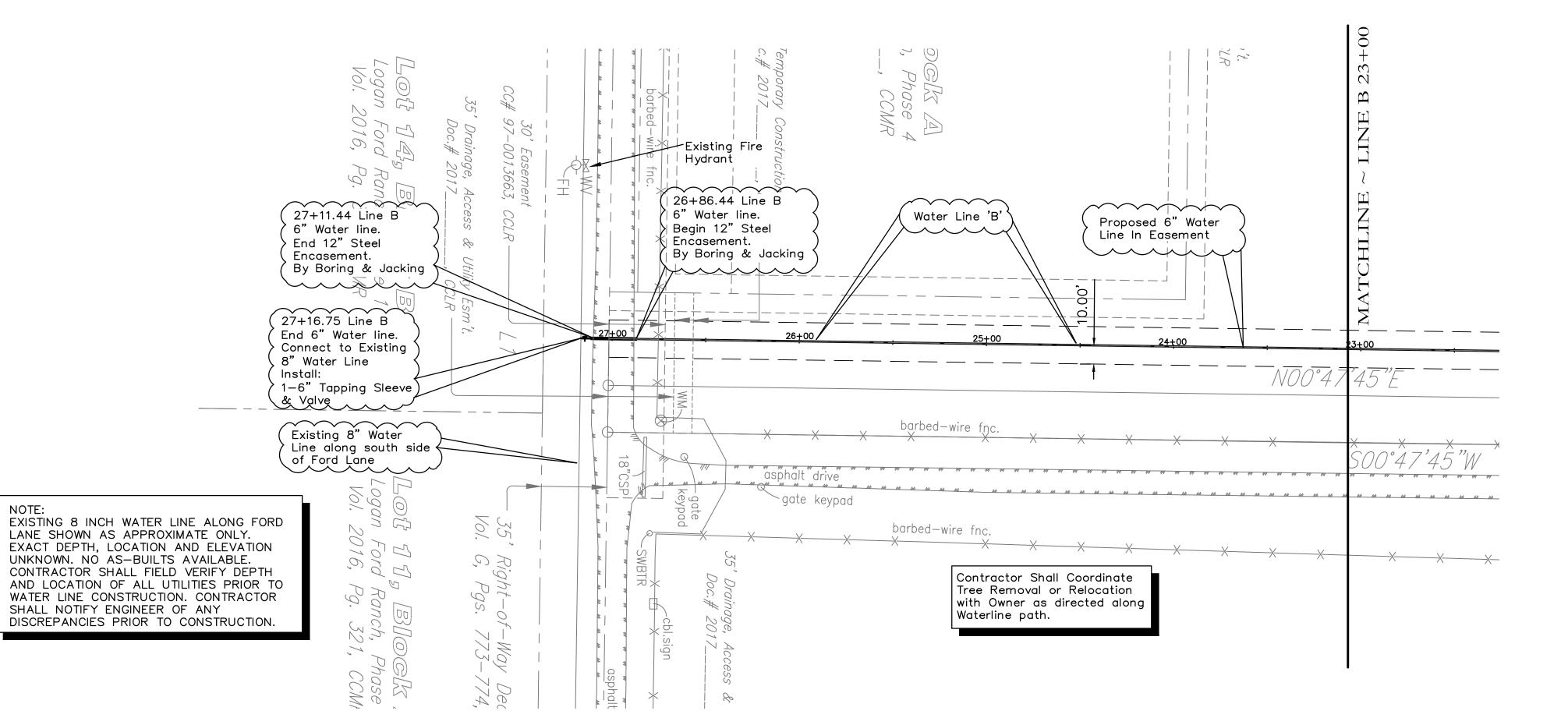




Loop Water Line I Pelborn Lane of Lucas, Tex PI

Jo Inch 9





LEGEND

	LEGEND
<u></u>	Proposed S.S. Line Proposed Water Line Proposed Fire Hydrant
# #	Proposed Water Tee Proposed Water Valve Proposed Water Bend
ss w	Existing Fire Hydrant Existing S.S. Line Existing Water Line
———— UE ———————————————————————————————	Existing Underground Elec Existing Gas Line

Existing Utilities Shown Per As—Built Documents. Contractor to Field Verify Location and Depth of All Utilities On and Adjacent to the Site Prior to Construction and Notify Engineer of any Discrepancies.

WATER & SANITARY SEWER NOTES

1. All materials and construction shall be in accordance with the City of Lucas Standard Specifications and Construction Standards, and Standard Specifications for Public Works Construction prepared by North Central Texas Council of Governments (Latest Revision), and to the regulations of The Texas Commission on Environmental Quality.

2. Existing utilities are shown schematically and are for the contractors guidance only. The location and/or elevation of existing utilities as shown on these plans are based on records of the various utility companies, and, where possible, measurements taken in the field. The contractor must call the appropriate utility company at least 48 hours prior to any excavation to request exact field location of utilities.

- 3. The contractor shall be responsible for protecting all existing improvements in the construction of this project. The contractor is responsible for repairs of damage to any existing improvements during construction. Repairs shall be equal to or better than condition prior to construction.
- 4. All water mains 6" and larger shall be Class 160 DR 18 PVC water pipe, conforming to AWWA C900 standards.
- 5. Contractor shall be responsible for maintaining trench safety requirements in accordance with the latest standards of O.S.H.A. or any other agency having jurisdiction for excavation and trenching procedures. Contractor shall provide and implement a trench safety plan complying with O.S.H.A.
- 6. Fire Hydrants Shall be Waterous or Approved equal per City requirements.
- 7. Main Line valves shall be 6 inch Mueller resiliant gate valves or Approved equal per City requirements.
- 8. The contractor shall furnish & Install Tracer wire compatible with Radiodetection Digital PXL-2 pipe locator at minimum of 14 gauge wire.
- 9. The contractor shall furnish & Install MEGA—LUGS on all bends, valves and other fittings that are required for the water line.
- 9. The contractor shall refer to the General Notes within this Plan set as well as the Detail Sheet for additional Notes, Details & Requirements.

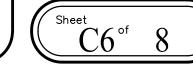
ENGINEER:

JP Engineering 4101 Hazelwood Drive Fort Worth, Texas 76107 Phone (214) 226-9699 Contact: David Jones, P.E.

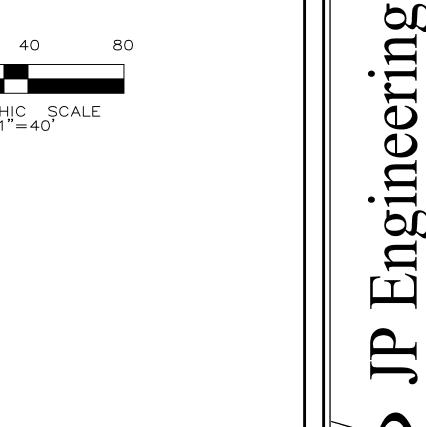
SURVEYOR: Glas Land Surveying 2114 FM 1563

Contact: John Glas

Scale: 1" = 40' File Name: Water Plan 4 **Date:** March 22, 2018 Wolfe City, Texas 75496 Project No.: 18002 Phone (903) 496-2084 Fax (469) 547-0826







This Record Drawing is a combination of the sealed engineering contract drawings for this project, modified by revision, change order, field order and information furnished by the contractor. The information shown on the Record Drawings is believed to be accurate based on information furnished by the contractor. The original sealed drawings are on file at the office of:

JP Engineering

4101 Hazelwood Drive Fort Worth, Texas 76107 (214) 226-9699 Record Drawings Prepared On: 12/20/2018

> Loop Inch Water Line L Welborn Lane ته ِ

TER

Jo

9