

**LEGEND**

TELEPHONE MANHOLE	IP	Iron Pipe
ELECTRIC BOX	LB	Iron Lead
ELECTRIC TRANSFORMER	O.P.R.P.H.C.	Official Public Records of Harris County
UNDERGROUND ELECTRIC OVERHEAD ELECTRIC	H.C.D.R.	Harris County Deed Records
POWER POLE	H.C.F.C.	Harris County Flood Control District
LOFT POLE	H.C.M.R.	Harris County Map Records
PIPELINE MARKER	PN	Plat Number
GAS METER	C.O.F.	County Clerk's File Number
PIPELINE VENT	F.N.	Final Code Number
WATER METER	NO	Volume
WATER VALVE	R.O.W.	Right of Way
WATER METER	NO	Volume
SPRINKLER HEAD	R.C.P.	Reinforced Concrete Pipe
BRICKMAN	C.M.P.	Corrugated Metal Pipe
IRON PIPE		
IRON ROD		
BARBED WIRE FENCE		
CHAIN LINK FENCE		
WOOD FENCE		
COLLAPSE/FENCE POST		
TRAFFIC SIGNAL POLE		
TELEPHONE JUNCTION BOX		
TRAFFIC MARKER		
ARE RELEASE VALVE		
TIME MARK		
STORM MANHOLE		
SAN SEWER MANHOLE		
SAN SEWER CLEAN OUT		
TRAIL LINE		
GATE INLET		
GREASE INLET		
A/C PAD		
SOIL		
CABLE PROTECT/BOX		
UNDERGROUND CABLE		
MANHOLE		
TELEPHONE PEDESTAL		
WATER LINE		
SAN SEWER LINES		
WATER LINE		
GAS LINE		

- NOTE:**
1. ALL BEARINGS AND COORDINATES SHOWN ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM SOUTH CENTRAL ZONE, HAD BY 1983 ADJUSTMENT. ALL DISTANCES AND COORDINATES MAY BE CONVERTED TO GDS BY MULTIPLYING A COMBINED SCALE FACTOR OF 0.9999325.
  2. ELEVATIONS ARE BASED ON NAVD83 (2011 ADJUSTMENT) TBM91 AND WERE ESTABLISHED VIA DIFFERENTIAL LOCAL LOOP TO FLOODPLAIN BY NO. 162070, BEING A BRASS DISK STAMPED 659 1942 ON BRIDGE AT CROSSING OCEAN BAYOU (N MAIN ST) AND STREAM 014-00-00, ON THE NORTH END OF THE WEST SIDE HEAD WALL. ELEVATION = 33.11'
  3. TBM SURVEY POINT NO. 107, 5/4" ALUMINUM DISK IN TOP OF CONCRETE HEADWALL OVER THE CENTERLINE OF HIGHLANDS EAST CANAL, AND ON THE UPSTREAM SIDE AT CANAL'S CROSSING OF A DRAINAGE DITCH, AND LYING ON THE SOUTH SIDE OF E. WALLISVILLE ROAD ACROSS FROM GOOSE CREEK MEMORIAL HIGH SCHOOL. ELEV. 37.23 FEET (NAVD83 - 2001 ADJUSTED)
  4. UNDERGROUND UTILITY LOCATIONS DEPICTED IN THIS SURVEY ARE BASED ON VISIBLE EVIDENCE TED DURING THE SURVEY AS WELL AS MARKINGS MADE ON THE GROUND BY LONG STAIR LOCATIONS DURING THE MONTH OF DECEMBER, 2010.
  5. THIRTY (30) HIGH WATER LINE ALONG THE SOUTH SIDE OF WALLISVILLE ROAD WAS MARKED WITH DEPTH BY BAYTOWN PUBLIC WORKS DEPARTMENT. CONTACT: BEAR BROWN, TELEPHONE NO. 281-422-5300.
  6. NO DOCUMENTATION WAS FOUND PERTAINING TO AN EASEMENT OR RIGHT-OF-WAY FOR THE CANAL CROSSING WALLISVILLE ROAD.
  7. POT-HOLING OF WATER LINE, GAS LINE, AND MULTIPLE TELECOMMUNICATIONS LINE CONDUITS WAS PERFORMED ON JAN. 24-26, 2013.

BEVERLY SANSON, ET AL  
CALLED MOST SOUTHERLY 120 ACRES IN LOT 14  
OF THE GEORGE ELLIS LEAKE, ABSTRACT NO. 21  
VOL. 72, PG. 459 H.C.D.R.  
MULTIPLE OWNERS BY VARIOUS DOCUMENTS  
(SEE OWNERSHIP TABLE "A")

SAN JACINTO RIVER AUTHORITY  
CALLED 11.87 ACRES  
RIGHT-OF-WAY AND EASEMENT  
C.C.F. No. 6330666  
O.P.R.P.H.C.  
JUNE 29, 1966

REMAINDER OF LOT 14  
TO BEVERLY SANSON AND  
ROYAL D. BURNSIDE, III  
PROBATE COURT NO. 2  
CAUSE NO. 191486  
PROBATE COURT  
HARRIS COUNTY  
MAY 26, 1985

**OWNERSHIP TABLE "A"**  
CALLED MOST SOUTHERLY 120 ACRES IN LOT 14  
OF THE GEORGE ELLIS LEAKE, ABSTRACT NO. 21  
VOL. 72, PG. 459 H.C.D.R.

OWNER NAMES	DOCUMENT NO.	INTEREST %
BEVERLY SANSON	K164705	9
ROYAL D. BURNSIDE, III	K164706	9
BEVERLY SANSON	K262659	11
BEVERLY & DENNIS SANSON	N458880	5
ROYAL D. BURNSIDE, III	N458881	5
ROYAL D. BURNSIDE, III AND LOS GINGER BURNSIDE	S645094	6.65
BEVERLY & DENNIS SANSON	S645095	6.65
BEVERLY & DENNIS SANSON	S855314	6.65
ROYAL D. BURNSIDE, III AND LOS GINGER BURNSIDE	S855315	6.65
BEVERLY & DENNIS SANSON	U127927	2.76
ROYAL D. BURNSIDE, III AND LOS GINGER BURNSIDE	U127928	2.76 (1.38 EACH)
ROYAL D. BURNSIDE, III AS CUSTODIAN FOR HALEY BETH BURNSIDE	U130298	1.38
ROYAL D. BURNSIDE, III AS CUSTODIAN FOR BEN EDWARD BURNSIDE	U130299	1.38
BEVERLY SANSON AS CUSTODIAN FOR STEPHEN ANDREW SANSON	U130300	1.38
BEVERLY SANSON AS CUSTODIAN FOR JONATHAN DAVID SANSON	U130301	1.38
ROYAL D. BURNSIDE, III AND LOS GINGER BURNSIDE	U173241	3.09 (1.545 EACH)
BEVERLY & DENNIS SANSON	U173242	3.09 (1.545 EACH)
ROYAL D. BURNSIDE, III AS CUSTODIAN FOR BEN EDWARD BURNSIDE	U173243	1.545
ROYAL D. BURNSIDE, III AS CUSTODIAN FOR HALEY BETH BURNSIDE	U173244	1.545
BEVERLY SANSON AS CUSTODIAN FOR JONATHAN DAVID SANSON	U173245	1.545
BEVERLY SANSON AS CUSTODIAN FOR STEPHEN ANDREW SANSON	U173246	1.545

**LEVEL A - POT HOLE LOCATION DATA**

LOCATION	UTILITY	TOP	NG	COVER
A	30" PVC WATERLINE	24.22'	32.5'	8.3'
B	30" PVC WATERLINE	20.48'	32.4'	11.9'
C	30" PVC WATERLINE	20.78'	32.3'	11.5'
D	30" PVC WATERLINE	24.71'	32.1'	7.4'
E	6" PVC GAS LINE	31.70'	34.9'	3.2'
F	6" FIBER OPTIC LINE	30.47'	35.1'	4.6'
G	6" FIBER OPTIC LINE	30.52'	35.1'	4.6'
H	2" FIBER OPTIC LINE	30.41'	35.1'	4.7'
I	6" FIBER OPTIC LINE	31.22'	36.5'	5.3'
J	2" FIBER OPTIC LINE	31.12'	36.5'	5.4'
K	30" PVC WATERLINE	25.00'	32.6'	7.6'
L	4" STEEL GAS LINE	30.29'	34.5'	4.2'
M	4" FIBER OPTIC LINE	30.55'	34.9'	4.3'
N	4" FIBER OPTIC LINE	30.56'	34.9'	4.3'
O	1" ELECTRICAL LINE	30.33'	34.8'	4.5'

**TOPOGRAPHIC SURVEY  
WALLISVILLE ROAD SIPHON AT  
SAN JACINTO RIVER AUTHORITY CANAL  
GEORGE ELLIS LEAKE SURVEY, A-21  
HARRIS COUNTY, TEXAS**

**S & V SURVEYING, INC.**  
PROFESSIONAL LAND SURVEYORS  
28111 HWY 103, SPRING, TEXAS 77380  
OFFICE: (281) 353-2570 FAX: (281) 353-2877  
EMAIL: cs@svsurveying.com

Date: 1/10/11 Scale: 1"=20'  
Drawn By: BCU Checked By: JWB  
Job No.: 72407-002-0-DEV Drawing No.:

NO.	DATE	DESCRIPTION	BY
1	06/21/13	LOCATED TOP OF PIPES AND CONDUITS OF 5 FIBER OPTIC LINES, 1 GAS LINE, AND 1 WATER LINE BY POT-HOLING AND VERIFIED VERTICAL DATUM OF SURVEY CONTROL. AT THE SIPHON BASED ON NAVD83 - 2001 ADJUSTED WITH A LEVEL-LOOP TO CONTROL POINT NO. 107 BEING AN S.I.R.A. ALUMINUM DISK IN CONCRETE HEADWALL OVER THE CENTERLINE OF HIGHLANDS EAST CANAL, UPSTREAM SIDE, AT A DRAINAGE DITCH CROSSING, LOCATED ON THE SOUTH SIDE OF E. WALLISVILLE ROAD AND ACROSS FROM GOOSE CREEK MEMORIAL HIGH SCHOOL, AS SHOWN ON SHEET 130 OF 138 OF WALLISVILLE NORTH MAIN SURVEY CONTROL, BY EOR CONSULTING ENGINEERS, JOB NO. 2009014, DATED 10/28/2011. ALSO ADDED TWO TBM DESCRIPTIONS, SITE TBM 8 AND CONTROL POINT NO. 7 TO NOTE NO. 2, AND ADDED NOTE NO. 6.	JW
1	08/14/18	LOCATED TOP OF PIPES AND CONDUITS OF 5 FIBER OPTIC LINES, 1 GAS LINE, AND 1 WATER LINE BY POT-HOLING AND VERIFIED VERTICAL DATUM OF SURVEY CONTROL. AT THE SIPHON BASED ON NAVD83 - 2001 ADJUSTED WITH A LEVEL-LOOP TO CONTROL POINT NO. 107 BEING AN S.I.R.A. ALUMINUM DISK IN CONCRETE HEADWALL OVER THE CENTERLINE OF HIGHLANDS EAST CANAL, UPSTREAM SIDE, AT A DRAINAGE DITCH CROSSING, LOCATED ON THE SOUTH SIDE OF E. WALLISVILLE ROAD AND ACROSS FROM GOOSE CREEK MEMORIAL HIGH SCHOOL, AS SHOWN ON SHEET 130 OF 138 OF WALLISVILLE NORTH MAIN SURVEY CONTROL, BY EOR CONSULTING ENGINEERS, JOB NO. 2009014, DATED 10/28/2011. ALSO ADDED TWO TBM DESCRIPTIONS, SITE TBM 8 AND CONTROL POINT NO. 7 TO NOTE NO. 2, AND ADDED NOTE NO. 6.	RF



August 28, 2018

Texas Water Engineering, PLLC  
19901 Southwest Freeway  
Sugar Land, Texas 77479

Attn: Ms. Victoria Foss, P.E., Owner/Manager  
Office: 832-865-4979  
Email: Victoria.foss@txwe.com

Ref: Level A SUE Investigation of SJRA Siphon at Wallisville Road Exhibit

Dear Ms. Foss:

Below is a description of our findings of the SJRA Siphon at Wallisville Road, along with photo exhibits.

- Photos 1, 2 & 3 are of two 4" unknown conduits running East to West along the South ROW of Wallisville Road. They run parallel to each other. The south conduit has a depth of cover of 4.5 feet. The north conduit has a depth of cover of 4.3 feet.
- Photo 4 is of the 1" unknown conduit running East to West along the South of ROW of Wallisville Road. It is extremely difficult as it is under the unknown 4" conduits. The 1" conduit has a depth of cover of 4.5 feet.
- Photos 5, 6 & 7 are of a 6" Centerpoint gas line. The line also runs East to West along the South ROW of Wallisville Road. The 6" gas line has a depth of cover of 4.2 feet.
- Photos 8, 9 & 10 depicts the location of the City of Baytown 30" Water Line. This line also runs East to West along the South ROW of Wallisville Road under the roadside ditch. S&V Surveying had some difficulties with this hole. We were never able to actually expose this pipe due to continual cave ins of the sides of the hydrovac area. The laths visible in the photos are where the sides of the pipe were tied by probing. These were tied by the topo crew and identified as edge of pipe. The crew then probed down to the center of pipe and this was tied by the topo crew. This was identified as center line of pipe. The depth of cover for this line was 7.6 feet.

Thank you,

David Dudley  
Field Supervisor



PHOTO 1

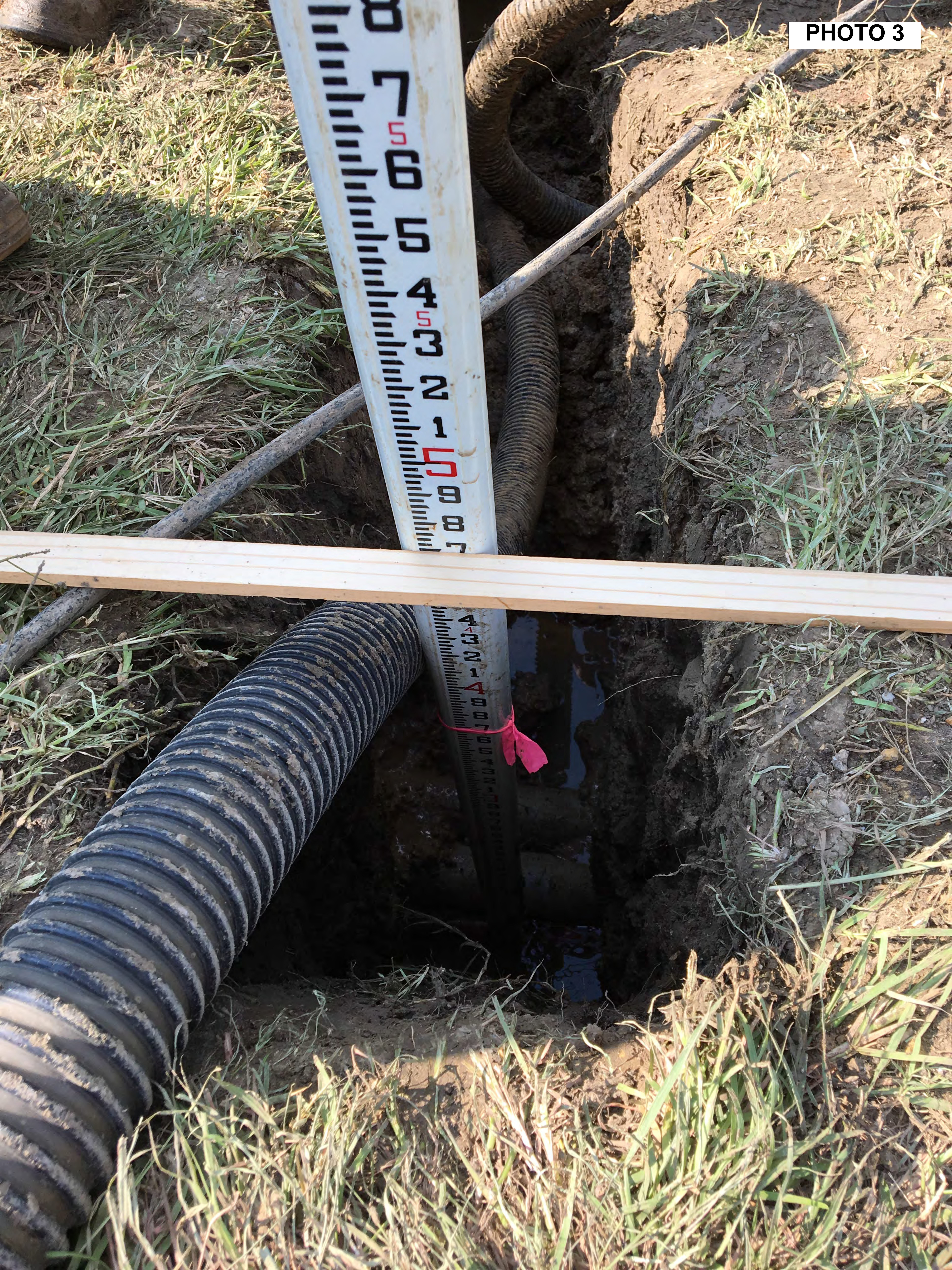






4" AT&T  
CONDUIT







KNOWN  
CONDUIT





6" GAS LINE  
COV. 4.20  
4" AT&T CONDUIT  
COV. 4.30







6" GAS LINE



PHOTO 7





PHOTO 8









