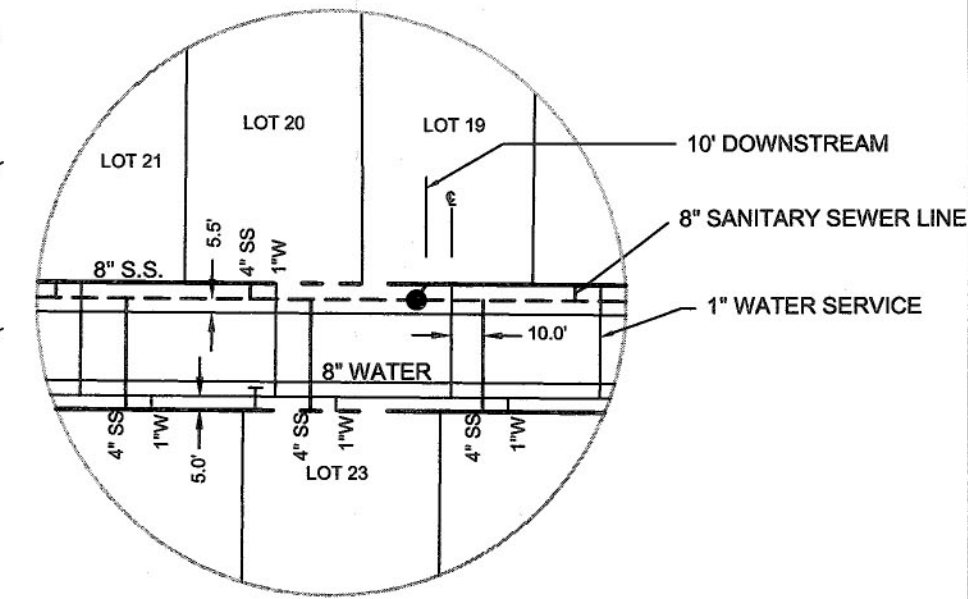


LEGEND

- Proposed water line and valve
- Proposed sanitary sewer and manhole
- Existing water line and valve
- Proposed storm sewer and inlet
- Proposed fire hydrant
- Existing fire hydrant
- Existing sanitary sewer line and manhole
- Proposed water service
- Proposed sanitary sewer service
- Existing water service
- Existing sanitary sewer service

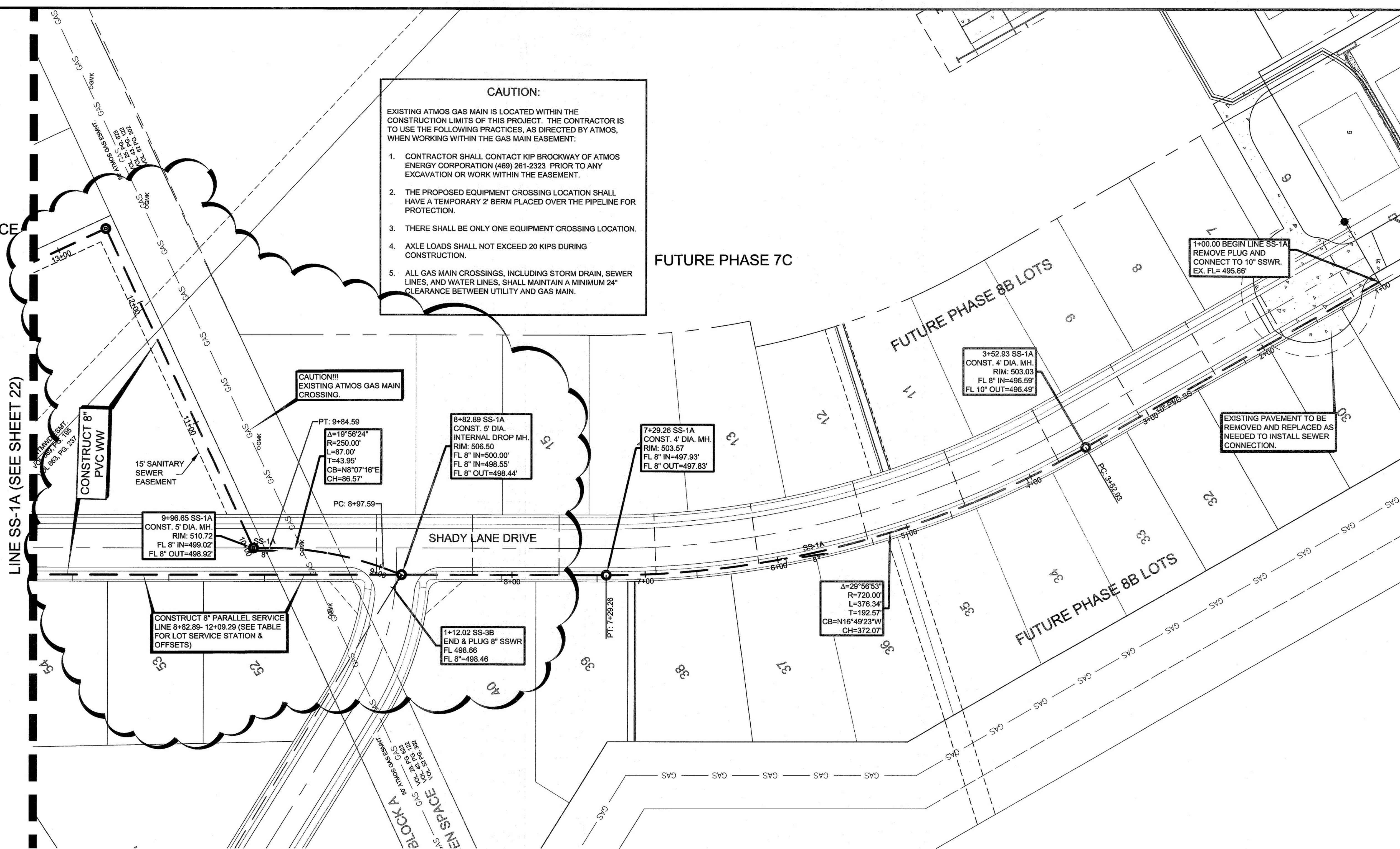


SERVICE LOCATION DETAIL
N.T.S.

- NOTES:
- ALL WATER PIPE TO BE CLASS 200 PVC.
 - CONTRACTOR TO LOCATE AND MARK SERVICES.

CAUTION:
EXISTING ATMOS GAS MAIN IS LOCATED WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT. THE CONTRACTOR IS TO USE THE FOLLOWING PRACTICES, AS DIRECTED BY ATMOS, WHEN WORKING WITHIN THE GAS MAIN EASEMENT:

- CONTRACTOR SHALL CONTACT KIP BROCKWAY OF ATMOS ENERGY CORPORATION (469) 261-2323 PRIOR TO ANY EXCAVATION OR WORK WITHIN THE EASEMENT.
- THE PROPOSED EQUIPMENT CROSSING LOCATION SHALL HAVE A TEMPORARY 2' BERM PLACED OVER THE PIPELINE FOR PROTECTION.
- THERE SHALL BE ONLY ONE EQUIPMENT CROSSING LOCATION.
- AXLE LOADS SHALL NOT EXCEED 20 KIPS DURING CONSTRUCTION.
- ALL GAS MAIN CROSSINGS, INCLUDING STORM DRAIN, SEWER LINES, AND WATER LINES, SHALL MAINTAIN A MINIMUM 24" CLEARANCE BETWEEN UTILITY AND GAS MAIN.



4" SSWR SERVICE

STATION	OFFSET
1+22.16	20' L
1+54.99	20' R
1+82.63	20' L
2+17.02	20' R
2+41.54	20' L
2+79.08	20' R
3+06.35	20' L
3+41.23	20' R
3+75.37	20' L
4+03.18	20' R
4+52.88	20' L
4+65.54	20' R
5+27.61	20' L
5+30.23	20' R
5+93.88	20' L
6+14.40	20' R
6+61.27	20' L
6+91.89	20' R
7+36.08	20' L
7+64.71	20' R
8+08.08	20' L
8+29.71	20' R
9+00.49	20' L
1+02.68	Parallel
1+74.68	Parallel
2+46.68	Parallel
3+27.32	Parallel
0+14.63	Parallel 1
0+53.66	Parallel 1
0+80.75	Parallel 1
1+46.86	Parallel 1
15+18.80	11.41' R
15+68.65	19.90' L
15+85.19	20' R
16+52.52	20' L
16+56.55	20' R
17+37.81	20' L
17+90.23	20' R
18+26.60	20' L
19+08.69	20' R
4+80.30	Parallel 1
5+35.11	Parallel 1

BENCHMARKS

- X-chiseled in CL of Alley East of Morningstar Drive within the third lot north of Midnight Pass. Elevation = 513.26
- PK Nail in CL of Caruth Lane & Alley Intersection 150 feet +/- east of Morningstar Drive. Elevation = 491.68

NO.	REVISIONS DURING CONSTRUCTION	BY	DATE	NO.	SUBMITTALS	DATE
1.	Modified alignment to cross NTMWD 30" main.	DD	08.22.13			

The seal appearing on this document was authorized by DANIEL DEWEY, P.E. 93961. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.



16301 Quorum Drive
Suite 200 B
Addicks, Texas 75001
Main 972.248.7676
Fax 972.248.1414
www.jbipartners.com

Texas Registered Engineering Firm F-438

SANITARY SEWER PLAN

LINE SS-1A (1+00-11+00)

Caruth Lakes Phase 8A

City of Rockwall, Texas

PROJECT NO.	HOE132
SHEET NO.	23

Drawing: H:\Projects\HOE132-SAN\HOE132-PH8A-WS.dwg Saved By: ddewey Save Time: 8/26/2013 9:40 AM Plotted by: ddewey Plot Date: 8/26/2013 10:46 AM