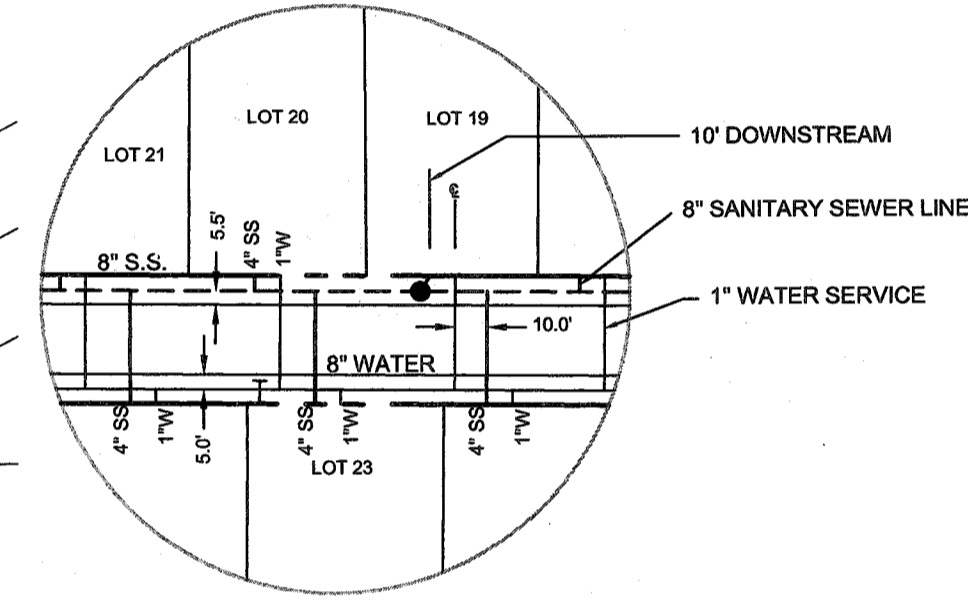


LEGEND

- 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:**
1. ALL WATER PIPE TO BE CLASS 200 PVC.
 2. CONTRACTOR TO LOCATE AND MARK SERVICES.
 3. ALL SEWER SERVICES TO BE 4" MIN. IN DIAMETER.
 4. ALL WATER SERVICES TO BE 1" MIN. IN DIAMETER.

AS-BUILT DRAWINGS:
TO THE BEST OF JBI PARTNERS, INC.'S KNOWLEDGE, JBI HEREBY STATES THAT THIS PLAN IS AS-BUILT. THE INFORMATION PROVIDED IS BASED ON CONSTRUCTION STAKING AND PAID VERIFICATION AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

Daniel Dewey 4/11/2014
Name Date

WATER AND SANITARY SEWER SERVICE SUMMARY:

PROPOSED WATER SERVICE ON PROPOSED LOT	63
EXISTING WATER SERVICE ON PROPOSED LOT	0
PROPOSED WATER SERVICE ON FUTURE LOTS	0
PROPOSED 1" IRR. SERVICE	1
TOTAL WATER SERVICES	64
PROPOSED SANITARY SEWER SERVICE ON PROPOSED LOT	63
EXISTING SANITARY SEWER SERVICE ON PROPOSED LOT	0
PROPOSED SANITARY SEWER SERVICE ON FUTURE LOTS	43
TOTAL SANITARY SEWER SERVICES	106

ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN.

PHELPS LAKE
NORMAL POOL = 500.0
EMERGENCY SPILLWAY = 510.0
TOP OF DAM = 516.8

31+01.11 SS-1A=
1+00.00 SS-3A
CONST. 5" DIA.
INTERNAL DROP MH.
RIM: 515.73
FL 8" IN=506.54'
FL 8" IN=508.28'
FL 8" OUT=506.44'

34+77.41 SS-1A=
1+00.00 SS-2A
CONST. 4" DIA. MH.
RIM: 515.96
FL 8" IN=507.65'
FL 8" IN=507.89'
FL 8" OUT=507.55'

36+77.94 SS-1A
CONST. 4" DIA. MH.
RIM: 525.88
FL 8" IN=517.71'
FL 8" OUT=517.61'

Δ=3°37'51"
R=1118.19'
L=70.86'
T=35.44'
CB=N87°21'22"E
CH=70.85'

END PROP. 12"
WATER.
INSTALL:
1-12" PLUG

40+76.20 SS-1A
CONST. 4" DIA. MH.
RIM: 529.61
FL 8" OUT=523.48'

Δ=42°44'48"
R=1020.00'
L=760.99'
T=399.19'
CB=N67°47'53"E
CH=743.46'

28+00.48 SS-1A=
1+00.00 SS-4A
CONST. 4" DIA. MH.
RIM: 516.46
FL 8" IN=505.80'
FL 8" IN=505.45'
FL 8" OUT=505.35'

3+92.56 SS-3A
CONST. 4" DIA. MH.
RIM: 525.11
FL 8" IN=516.14'
FL 8" OUT=516.04'

5+81.71 SS-2A
CONST. 4" DIA. MH.
RIM: 530.51
FL 8" IN=521.87'
FL 8" OUT=521.77'

10+64.33 SS-2A
CONST. 4" DIA. MH.
RIM: 531.55
FL 8" OUT=525.50'

8+85.52 SS-2A
CONST. 4" DIA. MH.
RIM: 532.39
FL 8" IN=524.91'
FL 8" OUT=524.91'

3+83.27 SS-3A
CONST. 4" DIA. MH.
RIM: 523.89
FL 8" IN=513.90'
FL 8" OUT=513.80'

7+09.60 SS-3A
CONST. 4" DIA. MH.
RIM: 530.51
FL 8" OUT=524.07'

6+23.03 SS-4A
CONST. 4" DIA. MH.
RIM: 527.93
FL 8" OUT=517.61'

BENCHMARKS

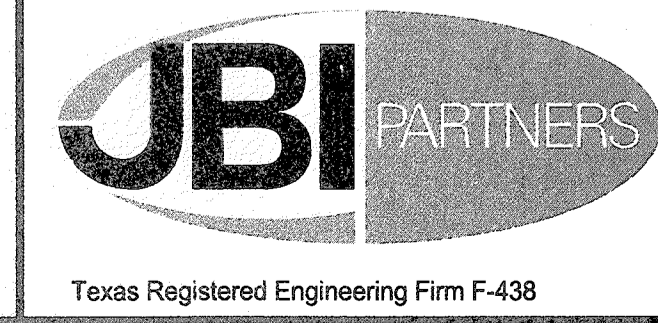
1. X-chiseled in CL of Alley East of Morningstar Drive within the third lot north of Midnight Pass. Elevation = 513.26
2. PK Nail in CL of Caruth Lane & Alley intersection 150 feet +/- east of Morningstar Drive. Elevation = 491.68

NO.	REVISIONS DURING CONSTRUCTION	BY	DATE	NO.	SUBMITTALS	DATE

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.

DANIEL DEWEY
33961
LICENSED PROFESSIONAL ENGINEER

5-17-13



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WATER AND SANITARY SEWER PLAN
PHASE 8A
Caruth Lakes Phase 8A
City of Rockwall, Texas

PROJECT NO.
HOE132
SHEET NO.
21