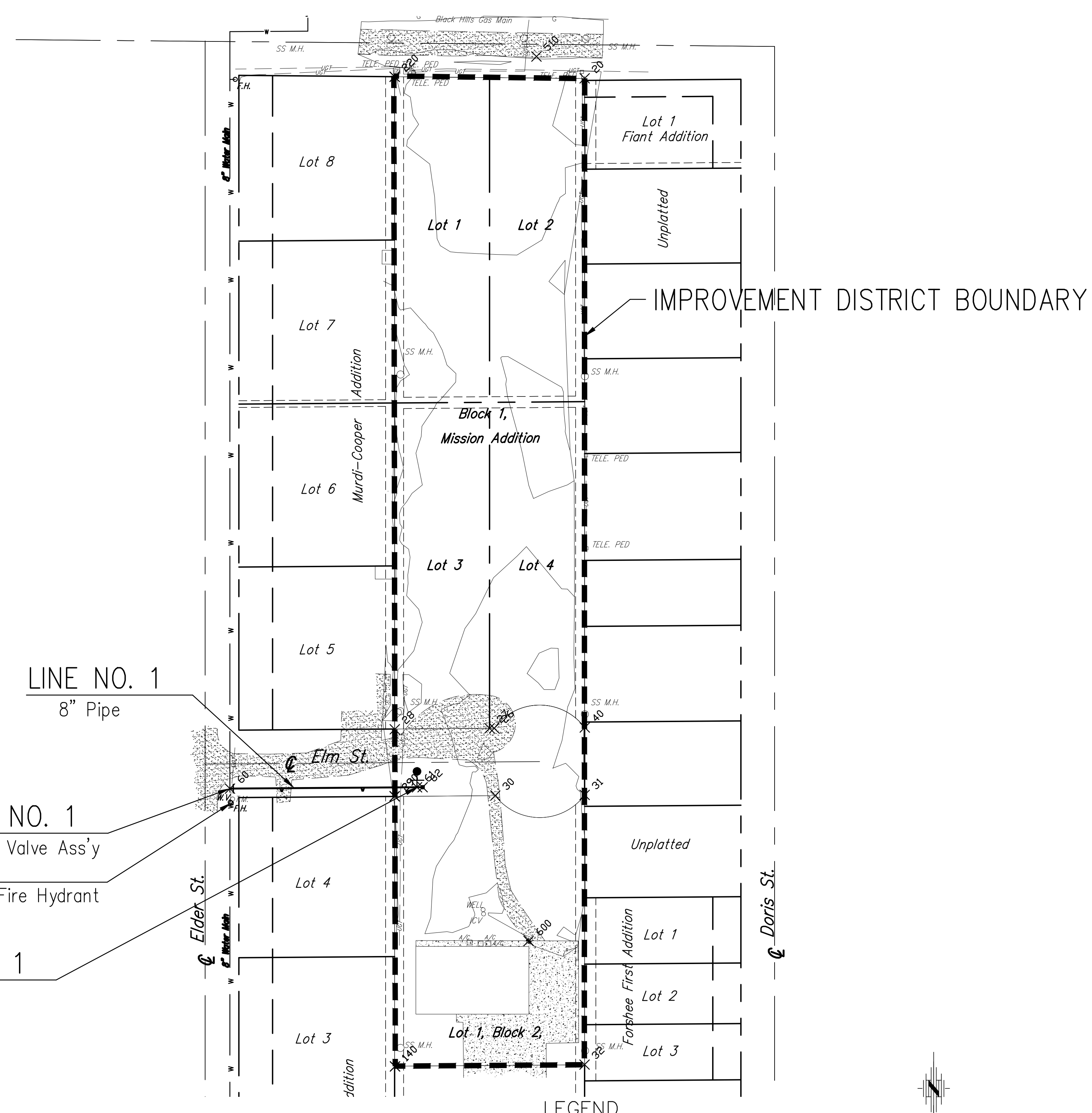


Point Table			
Point #	Description	Northing	Easting
14		19092.50	19662.10
20	SM SAV	19971.61	19830.92
22		19973.05	19661.80
26	SM SAV	19393.43	19750.46
27	SM SAV	19393.40	19746.33
28	SM TTLSI	19392.48	19661.92
29		19332.79	19661.80
30	SM SAV	19333.55	19751.38
31	SM SAV	19334.11	19830.95
32	SM SAV	19094.19	19830.86
40	SM 1/2PIP	19394.10	19831.00
60	Sta 0+00 Tapping Valve	19339.73	19515.23
61	Sta 1+66.52 FH	19340.93	19681.74
62	Sta 1+71.52 Cap	19340.97	19686.74
140	SM LS 950	19092.61	19662.16
220	SM VN	19973.05	19661.80
290	SM SAV	19332.98	19661.80
510	STA	19991.06	19788.04
600	BM SQ EC	19204.09	19781.00



LEGEND

EXISTING WATER MAIN	
PROPOSED WATER MAIN	
EXISTING WATER VALVE	
PROPOSED WATER VALVE	
EXISTING FIRE HYDRANT	
PROPOSED FIRE HYDRANT	

Scale: 1" = 60'

BENCH MARKS

- SBM #1:
Chiseled V-Notch at the NW corner of Lot 1, Block 1
Elevation= 1312.62 (NAVD88)
- SBM #2:
Square Cut on edge of concrete 4.7' N of the NE corner of building no. 5223
Elevation= 1312.11 (NAVD88)

GENERAL NOTES:

- M.S.L. Datum.
- Contractor will be required to provide a minimum advance notice of seventy-two (72) hours to utility companies prior to starting any excavation as follows:
Kansas One-Call 1-800-344-7233
Contractor must notify the following in case of an emergency:
Joyhawk Pipeline (620)241-9270
Cox Cable 262-4270
Westar Energy 261-6824
Kansas Gas Service 832-3126
Aquila Networks 941-1608
AT&T 268-2102
C.O.W. Water Department 268-4555
C.O.W. Sewer Maintenance 268-4071
- All water mains and appurtenances shall be installed in accordance with City of Wichita, Kansas Standard Specifications for Water Main.
- The Water main shall be constructed on the alignment shown by the plans. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage. The cost for any necessary tree trimming, clearing and/or grubbing shall be included in the price bid for the installed water main pipe.
- Opening and closing water valves shall be done slowly to prevent damage to the water distribution system from water hammer. All valves closed by the Contractor must be reopened as new construction permits. Project Inspector must ascertain that any valve closed by the Contractor is reopened. Contractor will be permitted to operate water valves only when THE PROJECT INSPECTOR assigned to the project IS PRESENT.
- Contractor shall not start work on the project until the Project Inspector is assigned to the project and is present on the site. Any work done without inspection will be required to be uncovered for inspection.
- The Contractor shall give all property owners and/or tenants of developed property directly abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.
- The Contractor shall be responsible for preserving property irons. The contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws. All costs for this this work shall be subsidiary to site restoration.
- The contractor shall restore all ditches, swales, road shoulders, entrances, and bank lines to their original slopes and grades except as shown otherwise.
- Interurban traffic generated outside the project area and local business or residential traffic generated within the project area are to be carried through construction as further promulgated by project special provisions.
- Rubble from the removal of miscellaneous structures including any trees removed and tree trimmings shall be disposed of on sites provided by the contractor. These sites shall also be approved of by the Engineer as to suitability, appearance, and site location. Locations that, in the opinion of the Engineer, leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain will require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps of Engineers Permitting Regulations. Any material buried or stockpiled beyond approved construction limits may require archaeological investigations unless buried in a previously approved disposal location.
- Contractor shall provide Traffic control as necessary per the latest addition of the MUTCD.
- Excess excavated material shall be left on site in a designated area. Material shall be free of organic material.
- The Contractor shall examine the site and familiarize himself with all site conditions.

NOTE:
Waterline Valves to be operated by Contractor ONLY if THE PROJECT INSPECTOR is ON SITE.

WATER DISTRIBUTION SYSTEM IMPROVEMENTS TO SERVE MISSION ADDITION
 Waterline Key Map
 CITY OF WICHITA, KANSAS
 GARY JANZEN, P.E. - CITY ENGINEER

POE & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 5900 E. Central, Suite 200 • Wichita, KS 67208-4342
 Phone 316/665-4114 • FAX 316/665-4444

PE
 PROFESSIONAL ENGINEER
 8/26/13

FINAL
 Engineer: S. SERVIS
 Designer: M. TUCKER
 Dwg: P. 101986.dwg \WL_Base-rev
 Date: 8/29/2013
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