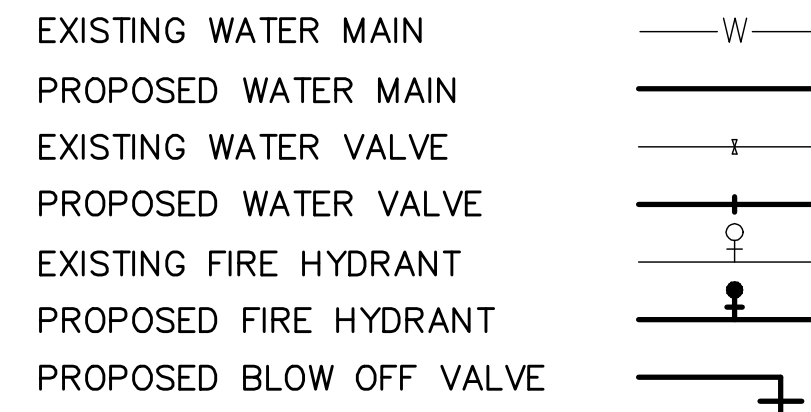


**Additional Valve Information (for 20" main shutdown)**

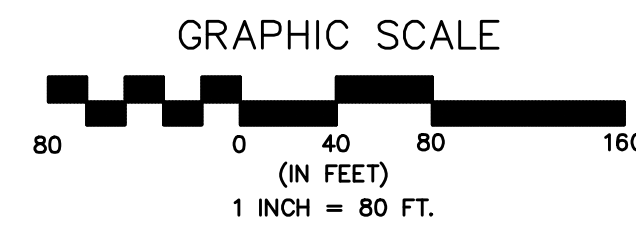
C.O.W. #	Valve Size:	Location:
08775	20"	51' W of center line of Rock & 25' S of center line of Central
08776	12"	11' N & 29.5' W of NE curb line Central & Rock intersection
08778	8"	2' NSCL & 4' EWCL of Central & Tara Lane -N- (LS)
11345	6"	9' W & 30.5' S of SE curb line of Linden & Central
11346	6"	60' N & 3' W of SE property corner of Central & Cypress
11347	8"	61' N & 3' W of SE property corner of Central & Laurel
15262	6"	74.5' WWCL of Dr of #1 Cypress & 23' SSCL of Central -(LS)
15700	8"	249' E & 1.5' N of SE corner curb of Rock Rd & Central
19489	2"	21.5' S of S curb line of Central & 360.5' W of W curb line of Webb Rd.

**LEGEND**



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

Contractor to Field Verify Location of all Existing Utilities Prior to Construction.

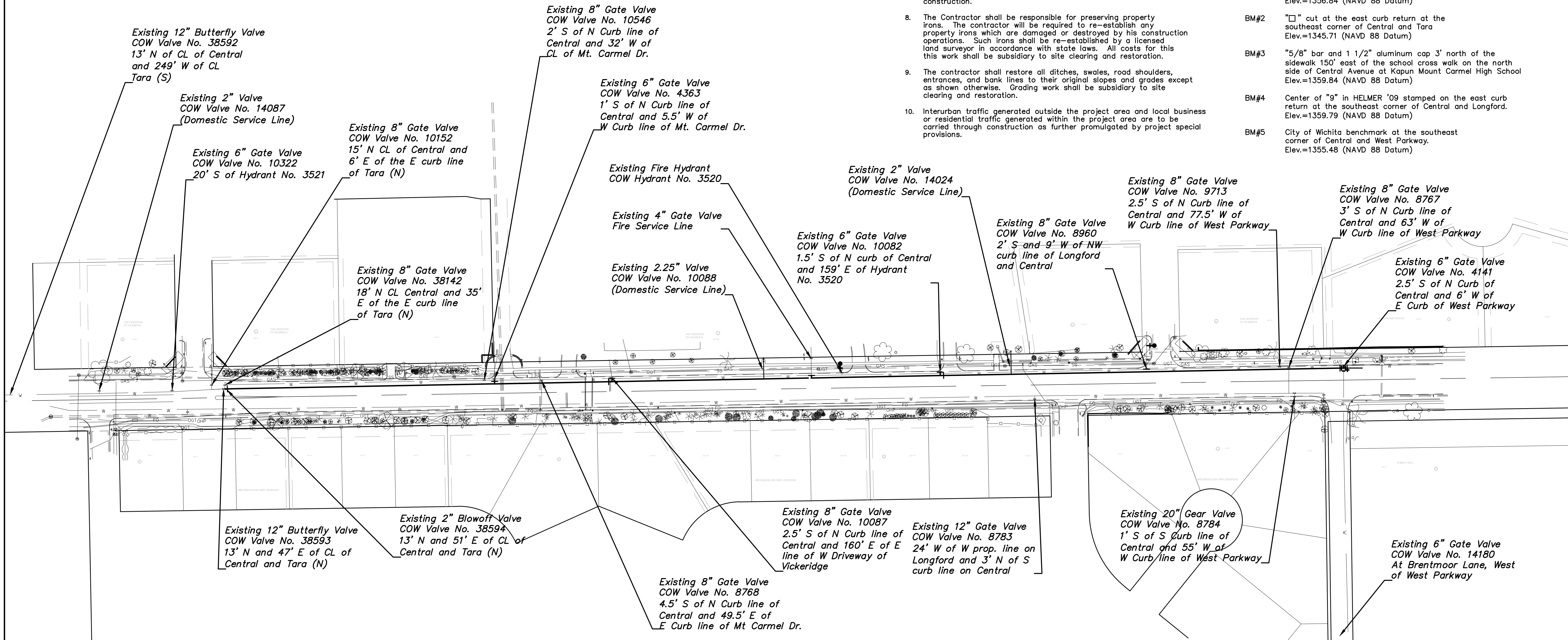


**GENERAL NOTES:**

- U.S.G.S. Datum.
- Contractor will be required to provide a minimum advance notice of twenty-four (24) hours to utility companies prior to starting any excavation as follows:  
Kansas One-Call 1-800-344-7233  
The Contractor must notify the following in case of an emergency:  
Wichita Water Department 1-316-268-4555  
Cox Communications 1-316-262-4270  
Kansas Gas Service 1-316-832-3126  
Westar Energy 1-316-261-6824  
AT&T Distribution 1-316-268-2245
- All water mains and appurtenances shall be installed in accordance with Standard Specifications for Water Mains.
- 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 site clearing and restoration.
- 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 work shall be subsidiary to site clearing and restoration.
- The contractor shall restore all ditches, swales, road shoulders, entrances, and bank lines to their original slopes and grades except as shown otherwise. Grading work shall be subsidiary to site clearing and restoration.
- 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. Any work related to the above shall be subsidiary to site clearing and restoration.
- Pipe installation shall be by various methods so as to minimize damage to pavement, utilities, and vegetation. Methods of installation shall include open trench, directional drilling, and by bored and jacked casing. Only boring and jacking shall be bid separately from the pipe costs. Any directional drilling shall be subsidiary to the respective pipe bid item.
- All pavement (concrete, asphalt, and gravel) removal and replacement shall be subsidiary to the respective pipe bid item. Pavement shall be replaced in-kind to equal or better condition as at the time of removal.
- Contractor shall only abandon existing waterlines at such time to minimize time of service interruption while connecting new services.
- All Top Valve Box Elevations shall match future grade. Elevations on plans are only estimated based on fitting location.
- All removed fire hydrant assemblies shall be returned to the City of Wichita Water Utility.
- Contractor to coordinate with Water Department 48 hours in advance for the shut down of the 20" main on the south side of Central Ave. Contact Joe Loggins for the scheduling at 219-8912 or 219-8921.

**BENCH MARKS**

- BM#1 Opus monument #11 at the SW Corner of Central and Rock Road at Chili's Restaurant Elev.=1356.84 (NAVD 88 Datum)
- BM#2 "□" cut at the east curb return at the southeast corner of Central and Tara Elev.=1345.71 (NAVD 88 Datum)
- BM#3 "5/8" bar and 1 1/2" aluminum cap 3' north of the sidewalk 150' east of the school cross walk on the north side of Central Avenue at Kapun Mount Carmel High School Elev.=1359.84 (NAVD 88 Datum)
- BM#4 Center of "9" in HELMER '09 stamped on the east curb return at the southeast corner of Central and Longford. Elev.=1359.79 (NAVD 88 Datum)
- BM#5 City of Wichita benchmark at the southeast corner of Central and West Parkway. Elev.=1355.48 (NAVD 88 Datum)



CENTRAL AVENUE  
 ROCK ROAD TO WEBB ROAD  
 WATER LINE KEYMAP  
 CITY OF WICHITA, KANSAS  
 JAMES L. ARMOUR, P.E. - CITY ENGINEER

POE & ASSOCIATES, INC.  
 CONSULTING ENGINEERS  
 5940 E. Central, Suite 200 • Wichita, KS 67208-0242  
 Phone: 316/665-4114 • FAX: 316/665-4444

ENGINEER: P. FERGUSON  
 DESIGNER: P. FERGUSON/M. TUCKER  
 POE Job No.: 1972  
 DATE: MARCH 2011

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