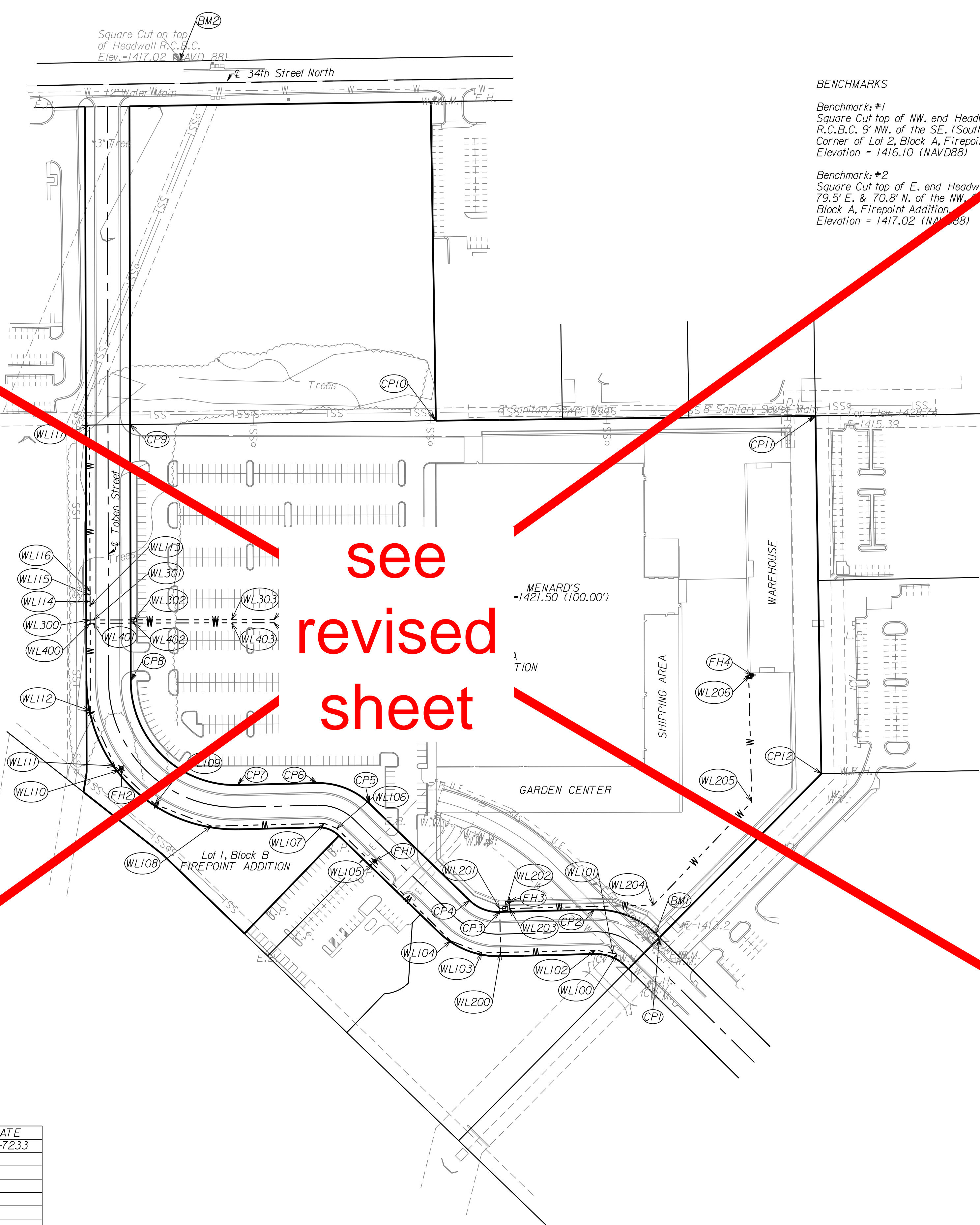


GENERAL NOTES:

- Existing utilities, both above and below ground, and their locations as shown on the plans, represent the best information available for design. The locations of utilities as shown on the plans are not guaranteed and the Contractor shall verify all utilities and their locations before beginning construction. Additional utilities, including relocated utilities, which are not shown on the plans may be encountered. In this event, the Contractor shall adjust his schedule and cooperate with the utility companies to ensure that their facilities be adjusted as required to clear construction. The Contractor shall exercise extreme caution while working near utilities.
- All water mains and appurtenances shall be installed in accordance with the City of Wichita, Kansas Standard Specifications for Water Main Construction.
- The Water Department shall field locate water valves one time during construction when requested by the Contractor. It shall be the responsibility of the Contractor to preserve such field locations during the construction process. Water valves, water valve boxes, or fire hydrants damaged during construction shall be repaired at the Contractor's expense. Contact Greg Lolley with the Wichita Water Department for water service information at 268-4555.
- Opening and closing water valves shall be done slowly to prevent damage to the distribution system by a water hammer. All valves that are closed by the Contractor must be reopened as new construction permits.
- The Contractor shall not start work on the project until the City's Project Manager assigned to the project is present or authorizes the work. Any work done without inspection will be required to be uncovered for inspection.
- Power Poles within close proximity to the new water line may require temporary bracing to facilitate construction. Contractor shall contact Shane Price at Westar Energy, at 261-6315 prior to construction to coordinate pole bracing.
- Temporary Blow-off Valves necessary to flush lines at existing water line tie-ins shall not be paid directly, but shall be considered INCIDENTAL to other items bid.
- All open cut pipe trench under new pavement shall be back-filled with sand, flushed with water and vibrated.
- All water pipe trench in pavement or driveways which will be required to carry traffic until permanent replacement shall be topped with a minimum of 6" crushed rock (Compacted) to be INCIDENTAL to the project. Contractor shall be required to maintain temporary crushed rock until permanent pavement is installed.
- Contractor shall give all Property Owners and/or Tenants of developed property directly abutting the construction of the project a minimum of ten (10) days notice prior to the start of construction and a 24 hour notice prior to any planned water shut down.
- Each Bidder shall visit the site of the project before submitting a proposal in order to become better informed of the existing field condition and obstacles which might be encountered during construction. Each Bidder should understand that no additional compensation will be awarded for extra work that should have been evaluated prior to bidding.
- The Contractor shall provide all construction staking.
- The Owner shall provide all construction inspection, testing and shop drawing review.
- Waste material will be disposed of off-site by the Contractor. The site will have to be approved by the Engineer.
- The Contractor shall use Best Management Practices (BMP's) to prevent eroded soil from entering ditches, culverts, and drainage areas. Standard details for erosion BMP's are available from the Engineer. The Contractor shall follow the intent of the BMP's, which act as a guideline.
- The Contractor will be required to provide a minimum of Seventy-Two (72) hours advanced notice to Kansas One Call (1-800-344-7233) and all utility owners within the project prior to the beginning of construction and request that any existing lines be flagged.



BENCHMARKS

Benchmark: #1
Square Cut top of NW. end Headwall of R.C.B.C. 9' NW. of the SE. (Southerly) Corner of Lot 2, Block A, Firepoint Addition.
Elevation = 1417.02 (NAVD88)

Benchmark: #2
Square Cut top of E. end Headwall of R.C.B.C. 79.5' E. & 70.8' N. of the NW. Corner of Lot 1, Block A, Firepoint Addition.
Elevation = 1417.02 (NAVD88)

WATERLINE POINTS

Point	North	East
WL100	21774.3919	21603.0450
WL101	21775.5691	21596.2761
WL102	21780.4092	21568.4458
WL103	21776.0768	21389.1445
WL104	21795.0962	21339.8453
WL105	21917.3123	21216.2048
WL106	21972.8809	21159.9885
WL107	21980.7054	21139.9939
WL108	21976.3719	20961.7218
WL109	22010.8315	20872.4524
WL110	22064.6343	20815.3688
WL111	22071.3546	20808.9135
WL112	22158.6405	20770.2475
WL113	22325.3838	20769.8651
WL114	22331.3837	20769.8514
WL115	22341.3837	20769.8285
WL116	22347.3837	20769.8147
WL117	22610.3345	20769.2117
WL200	21776.7978	21418.9836
WL201	21845.7778	21417.3168
WL202	21845.9967	21421.3145
WL203	21846.1535	21432.7582
WL204	21851.6906	21660.3258
WL205	22014.9492	21815.8810
WL206	22215.2224	21811.0418
WL300	22302.0944	20769.9185
WL301	22302.1059	20774.9185
WL302	22302.2527	20838.9338
WL303	22302.6072	20993.5563
WL304	22302.7607	21060.5078
WL305	22303.1957	21250.2602
WL306	22312.2682	21272.0218
WL307	22325.8203	21304.5286
WL308	22325.8478	21316.5044
WL400	22297.0944	20769.9300
WL401	22297.1059	20774.9300
WL402	22297.2527	20838.9453
WL403	22297.6072	20993.5677
WL404	22297.7607	21060.5192
WL405	22298.1957	21250.2717
WL406	22320.8203	21304.5401
WL407	22320.8478	21316.5159
FH1	21920.8683	21219.7198
FH2	22068.2546	20819.4174
FH3	21857.7419	21432.7301
FH4	22215.2345	21816.0418
FH5	22330.7282	21264.3258

CONTROL POINTS

Point	North	East
BM1	21805.4680	21663.6200
BM2	23185.4280	20911.2750
CP1	21800.4410	21670.1460
CP2	21845.9670	21566.9140
CP3	21840.7550	21416.6100
CP4	21858.9960	21369.8620
CP5	22012.1800	21211.3310
CP6	22044.4460	21003.5230
CP7	22041.3620	21003.5230
CP8	22205.9320	20834.1540
CP9	22611.0570	20833.2150
CP10	22617.6300	21316.1900
CP11	22624.5850	21916.5870
CP12	22059.4340	21925.8300

TYPE	OWNER	CONTACT	TELEPHONE	ALTERNATE
Locator Service	Kansas One-Call		811	(800) 344-7233
TV	Cox Communication (Cable)	Eva Moore	262-4270	260-7169
Electric	Westar Energy (Wichita)	Shane Price	261-6135	383-8600
Gas	Black Hills Energy (AKA Aquilla)	Calvin Briggs	914-1608	941-1607
Gas	Kansas Gas Service	Jim Coe	832-3126	
Telephone	AT&T Telephone	Jason Edwards	268-2008	268-2102
Water	Wichita Water Department	Greg Lolley	268-4555	268-4908
Storm Water Sewer	Wichita SWS Maintenance	Doug Arvidson	268-4095	
Sanitary Sewer	Wichita Sewer Maintenance	Calvin Fugit	268-4024	262-6000
Highway	KDOT	Ben Koerner	744-1271	

Ameritrack WEST
12469 SW 15th
Benton, KS 67017
O: 316-778-2215
F: 316-778-1204

FIREPOINT ADDITION
 GENERAL NOTES &
 CONTROL POINTS
 WICHITA, KANSAS
 JAMES ARMOUR, P.E. - CITY ENGINEER
 Project No. 1525 PFW
 POE & ASSOCIATES OF KANSAS, INC.
 CONSULTING ENGINEERS
 5940 E. Central, Suite 200a, Wichita, KS 67208-4242
 Phone 316/695-4114 # FAX 316/695-4444
 DESIGNED BY: BLB
 DRAWN BY: ELS
 DRAWING: 463_PFW_2_NOTES & CONTROL POINTS.dgn
 DATE: April 15, 2010
 SHEET
 2 of 17