GENERAL NOTES:

1. 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 maybe 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.

2. All water mains and apputenances shall be installed in accordance with the City of Wichita, Kansas Standard Specifications for Water Main Construction.

3. 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.

4. 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.

5. The Contractor shall not start work on the project until the Mattress Hub 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.

6. 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.

7. 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.

8. All open cut pipe trench under new pavement shall be back–filled with sand, flushed with water and vibrated.

9. 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.

10. 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.

11. 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.

12. The Contractor shall provide all construction staking.

13. The Owner shall provide all construction inspection, testing and shop drawing review.

14. Waste material will be disposed of off–site by the Contractor. The site will have to be approved by the Engineer.

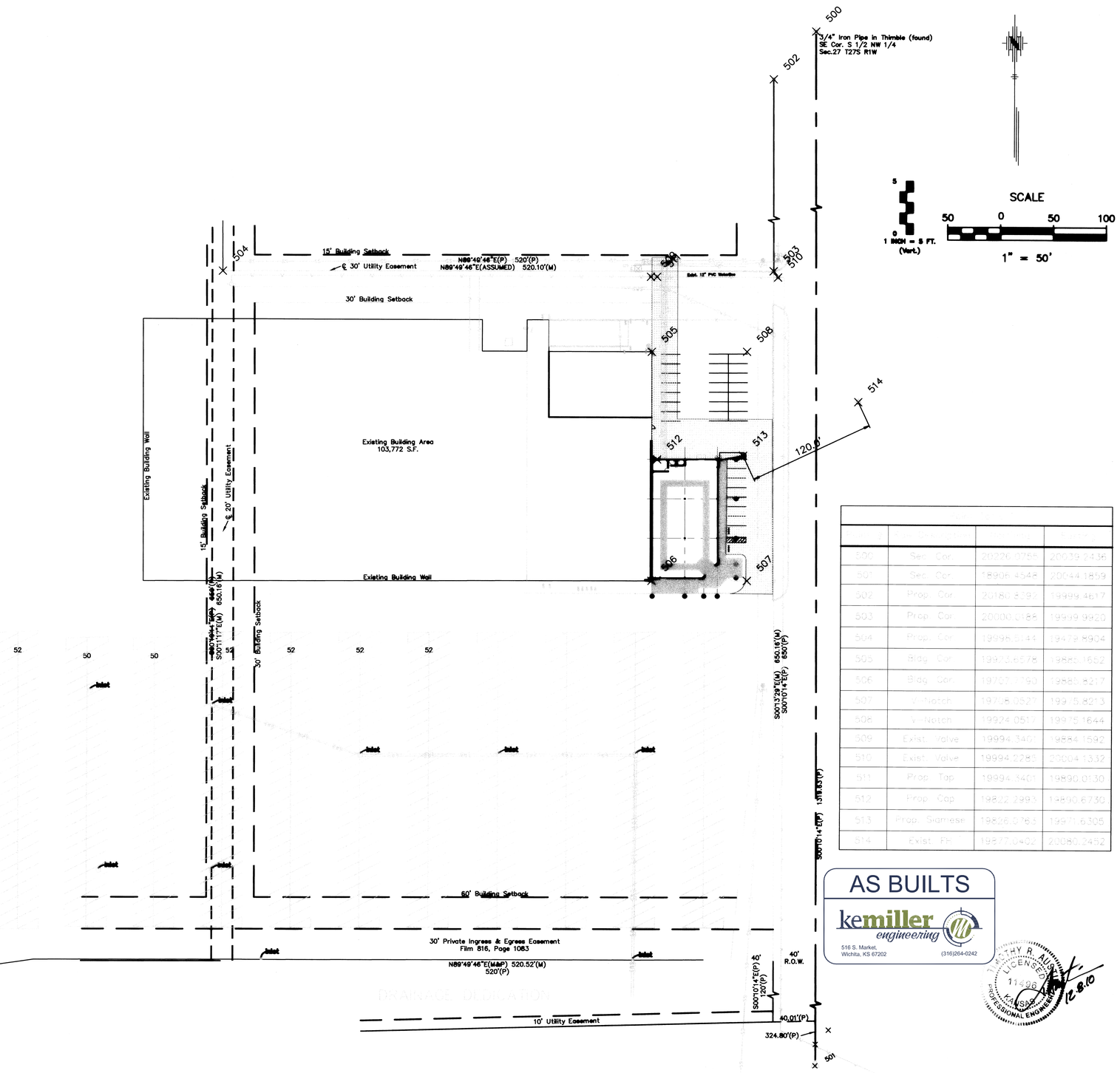
15. The Contractor shall use Best Management Practices (BMP's) to prevent eroded soil from entering ditches, culverts, and drainage areas. Standard details for erosion BMP's are available from the Engineer. The Contractor shall follow the intent of the BMP's, which act as a guideline.

16. 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
"+" Cut in sidewalk.
NE Corner, Lot 5
The Dugan Centre
Elev. 118.63(city datum)
Elev. 1306.03 (M.S.L)

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	



	Description	Northing	Easting
500	Sec. Cor.	20020.0755	20019.2436
501	Sec. Cor.	19908.4548	20044.1899
502	Prop. Cor.	20150.8393	19949.4817
503	Prop. Cor.	20000.0188	19949.9920
504	Prop. Cor.	19998.5144	19479.9904
505	Bldg. Cor.	19973.6578	19885.1652
506	Bldg. Cor.	19767.1790	19885.8217
507	V–Notch	19758.0521	199 5.8213
508	V–Notch	19974.0517	19975.1644
509	Exist. Valve	19994.3401	19884.1592
510	Exist. Valve	19994.2285	20004.1532
511	Prop. Tap	19994.3401	19890.0130
512	Prop. Cap	19842.2991	19890.6730
513	Prop. Stamfest	19826.0764	19975.6305
514	Exist. FH	19977.0403	20080.2452

AS BUILTS
kemiller engineering
516 S. Market,
Wichita, KS 67202
(316)264-0242

TIMOTHY R. ALLEN LICENSED 11698 KANSAS PROFESSIONAL ENGINEER 12.8.10

PART OF LOT 5, THE DUGAN CENTRE
PRIVATE PROJECT FIRE LINE
Waterline Key Map
CITY OF WICHITA, KANSAS
JAMES L. ARMOUR, P.E. – CITY ENGINEER
PROJECT NO. 1570 PPW OCA NO. (607853)

No.	Date	By	Approved	Revision

POE & ASSOCIATES, INC.
CIVIL ENGINEERS
5940 E. Central, Suite 200 □ Wichita, KS 67208-4242
Phone: 316/685-4114 □ FAX: 316/685-4444

FINAL

Engineer: J. Dickman
Designer: S. SCHMIDT
Poe Job No.: 1898–00156
Date: DECEMBER 2010

Sheet
2 of 10