

PRIVATE PROJECT WATER LINE & HYDRANT PLAN TO SERVE

CVS/pharmacy®

CITY OF WICHITA PROJECT NO. 1687 PPW (607853)

CS#064718 STORE#10070 SWC E HARRY ST. AND S HILLSIDE AVE.
WICHITA, KS

SOUTHWEST CORNER OF HARRY STREET AND HILLSIDE STREET
ZONED: LC LIMITED COMMERCIAL
TAX ID#128340110100100

PROJECT DIRECTORY

OWNER
CVS REALTY, CO.
1165 N CLARK ST SUITE 305
CHICAGO, IL 60610
(312) 953-6322
CONTACT: MR. RICHARD E. SMART

DEVELOPER
VELMEIR COMPANIES
5757 W. MAPLE, SUITE 800
WEST BLOOMFIELD, MI 48322
(248) 794-9768
CONTACT: MR. JIM COLLIER

ARCHITECT
NORR, LLC
719 GRISWOLD STREET
DETROIT, MI 48226
(313) 324-3100
CONTACT: MR. SCOTT ROBACH

CIVIL ENGINEER
PREMIER CIVIL ENGINEERING, LLC
308 TCW COURT
LAKE SAINT. LOUIS, MO 63367
(314) 925-7452
CONTACT: MR. MATT FOGARTY

SURVEYOR
SAVOY COMPANY, P.A.
433 S. HYDRAULIC
WICHITA, KS 67211
(316) 265-0005
CONTACT: MR. MARK SAVOY

MUNICIPALITY
CITY OF WICHITA, KS

GEOTECHNICAL/ENVIRONMENTAL ENGINEER
TERRACON CONSULTANTS
1815 S. EISENHOWER
WICHITA, KS 67209
(316) 262 0717
CONTACT: GEORGE A. EL TANNOURY, P.E.

CITY OF WICHITA TRAFFIC ENGINEER
CONTACT: PAUL GUNZELMAN, P.E.
455 N. MAIN ST. 7TH FLOOR
WICHITA, KS 67202
316-268-4393

UTILITY PROVIDERS

WESTAR ENERGY
(316) 261-6734
CONTACT: MRS. MARSHA JESSE

KANSAS GAS SERVICE
(316) 832-3126
CONTACT: MR. JIM COE
AT&T
(314) 957-3789
CONTACT: MR. MARK ADAMS

PUBLIC WORKS & UTILITIES
STORMWATER MANAGEMENT DIVISION
CITY HALL, 8TH FLOOR
455 N. MAIN
WICHITA, KANSAS 67202
(316) 268-4498
CONTACT: SCOTT LINDEBAK

CITY OF WICHITA WATER UTILITIES
CITY HALL, 8TH FLOOR
455 N. MAIN
WICHITA, KANSAS 67202
(316) 268-4555
CONTACT: GREG LOLLEY

Floor To Area Ratio
13,225/63,597=0.19 FAR

Existing Green Space
0.05 Acres = 3.4%

Proposed Impervious Area Parking Lot and Building
0.76 Acres of Parking Area and 0.31 Acres of Building

Proposed Pervious Space
0.01 Acres Green Space
0.20 Acres Pervious Pavement

Proposed percent of Impervious Area Coverage=80%

ELECTRONIC DRAWING NOTE:
ELECTRONIC MEDIA OR DIGITAL DRAWINGS ARE INSTRUMENT OF PROFESSIONAL SERVICES. OWNERSHIP OF SUCH WILL BE RETAINED BY THE CIVIL ENGINEER AND MAY NOT BE RELEASED TO CONTRACTORS. CONTRACTORS ARE ADVISED TO CREATE BIDS BASED ON THE USE OF PAPER COPIES OF THE PLANS.



VICINITY MAP
NOT TO SCALE

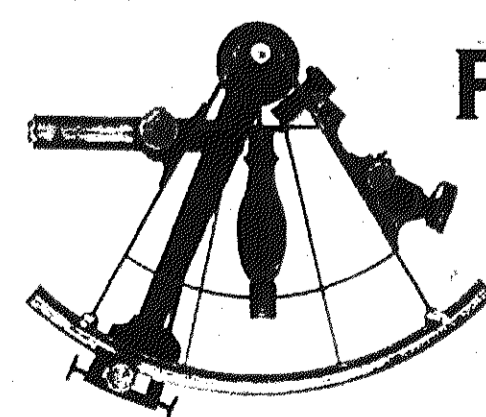
SITE DISTURBED AREA=1.63 ACRES

SITE BENCH MARKS:

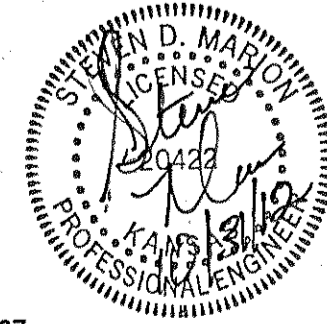
Benchmark #1
City of Wichita Brass Disc on Traffic Signal Base 32.8' West of the Centerline of Hillside Ave. and 57.3' South of the Centerline of Harry Saint
Elevation = 1315.19 NAVD88

Benchmark #2
Square Cut top of Curb 6.0' East of the Southeast Corner of Property.
(N. Side Flume)
Elevation = 1308.95 NAVD88

Benchmark #3
Square Cut top of Retain Wall 72.5' West of the Northwest Corner of Property.
Elevation = 1304.77 NAVD88



PREMIER CIVIL ENGINEERING



308 TCW Court
Lake Saint Louis, MO 63367
Phone: (314) 925-7444 Fax: (314) 925-7457

EXIST. UTILITY SYMBOL LEGEND

- G = GAS MAIN
- W = WATER MAIN
- SS = SANITARY SEWER
- SWS = STORM WATER SEWER
- UGE = UNDER GROUND ELECTRIC
- UGT = UNDER GROUND TELEPHONE
- B.M. = BENCH MARK
- TELE. PED = TELEPHONE PEDESTAL
- CATV = CABLE TELEVISION PEDESTAL
- E.B. = ELECTRIC BOX
- F.H. = FIRE HYDRANT
- GUY ANCHOR
- HIGH LINE POLE
- ICV = IRRIGATION CONTROL VALVE
- L.P. = LIGHT POLE
- POWER POLE
- SIGN
- T.S. = TRAFFIC SIGNAL
- T.S.C.B. = TRAFFIC SIGNAL CONTROL BOX
- W.M. = WATER METER
- W.V. = WATER VALVE
- XP.M.R. = ELECTRIC TRANSFORMER
- KGE M.H. = KANSAS GAS ELECTRIC MANHOLE
- SS M.H. = SANITARY SEWER MANHOLE
- SWS M.H. = STORM WATER SEWER MANHOLE
- B.H.W. = BORE HOLE

SHEET NUMBER: C-3A TITLE: WATER COVER SHEET

REVISIONS:

NO.	DESCRIPTION:	INITIALS:	DATE:
1	REVISED SHEETS C-3A AND C-3B	JB	10-08-12

ALWAYS CALL BEFORE YOU DIG CALL 811



DATE: 08/17/2012

PCE PROJECT NUMBER: 112701

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA
& BY WICHITA FIRE DEPARTMENT

Water Mains (Engineering) *Julianne Kallman 11-6-12*
Water Mains (Water) *Greg 7000 11-15-12*
Fire Prot. Line *11-21-12*

NOTE TO CONTRACTORS

PUBLIC PROPERTY:
Inspection and testing for the waterline is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer licensed in the State of Kansas. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by the City Engineer. All Construction and Materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).

PRIVATE PROPERTY:
Installation and testing for the fire protection line is to be performed by a City of Wichita licensed fire protection contractor in accordance with the fire codes as adopted by the City of Wichita. All materials and construction practices for the fire protection line shall comply with the fire codes as adopted by the City of Wichita (available from the City of Wichita Fire Department). The Contractor shall not commence work without notification and approval of the Wichita Fire Department. Inspection of the fire protection line is to be provided by the City of Wichita Fire Department and by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. The contractor shall not start work until the project inspector is assigned to the project and present on the site. Any work done without inspection will be required to be uncovered for inspection.

Fittings
Tyler Bend
Clow Valve

AS BUILTS

Contractor:
Danco Enterprises
01/16/2014

Project Inspector:
Tom Jones



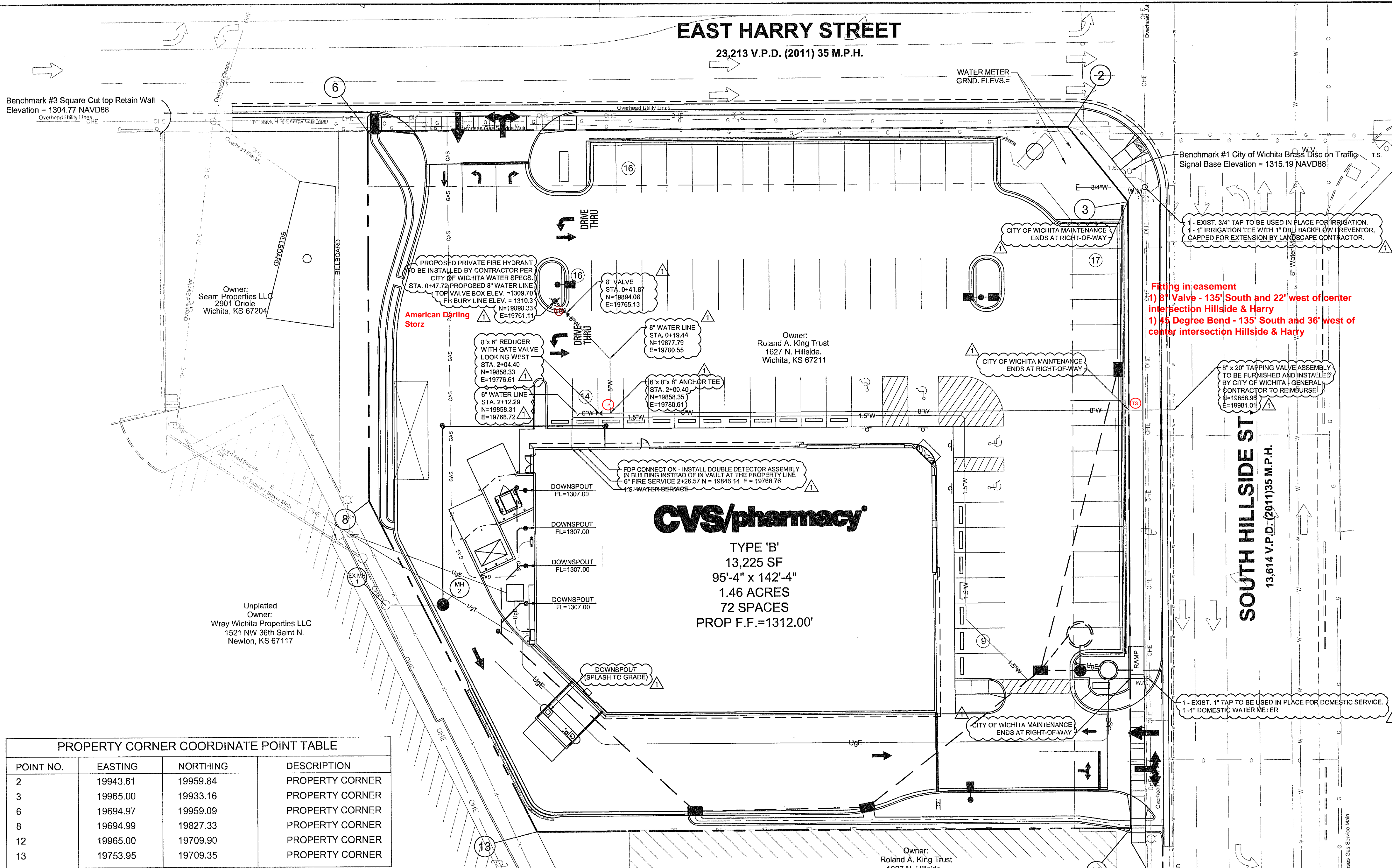
SHEET INDEX

- C-3A WATER COVER SHEET
- C-3B WATER PLAN SHEET
- C-8.1 UTILITY DETAILS

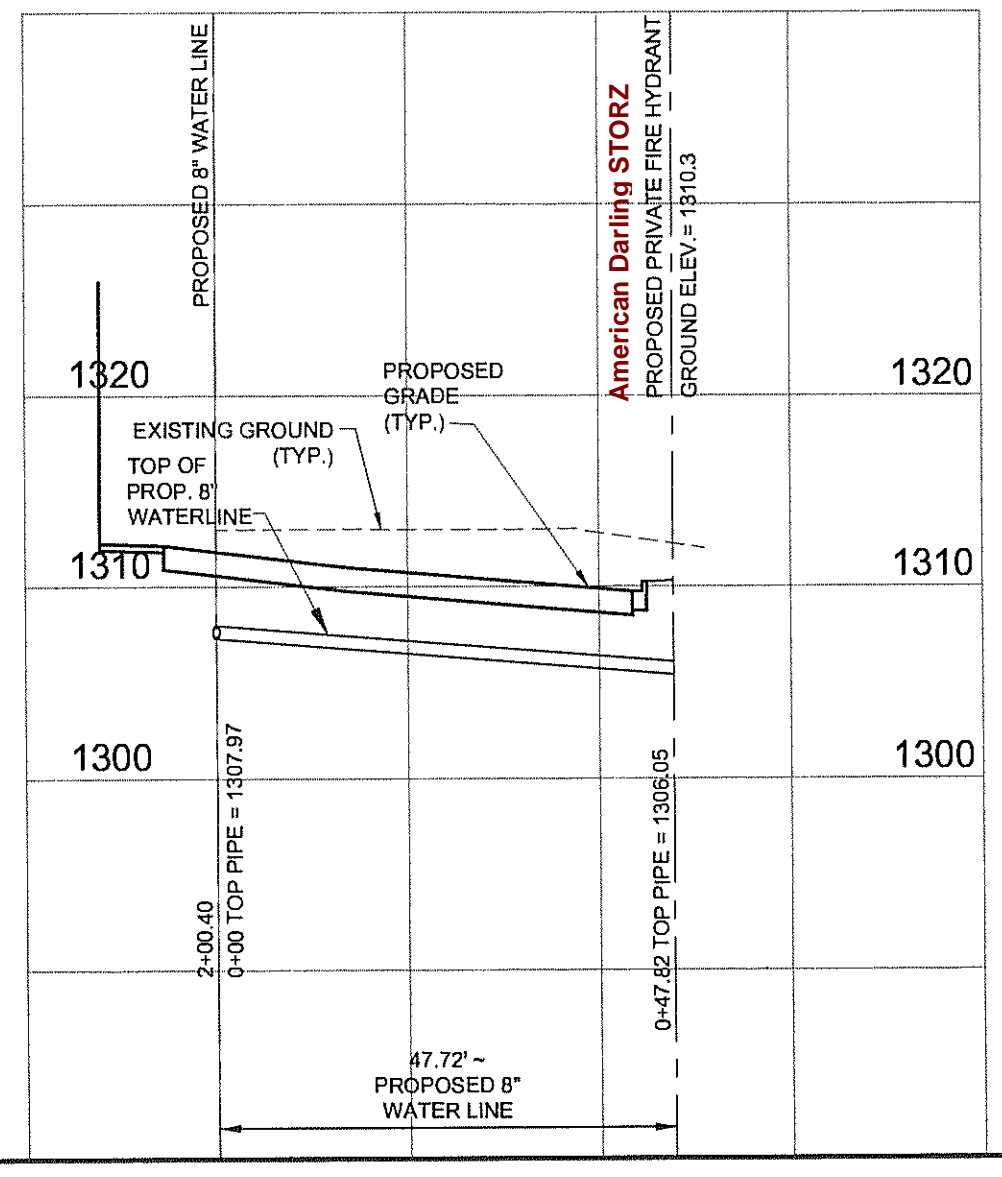
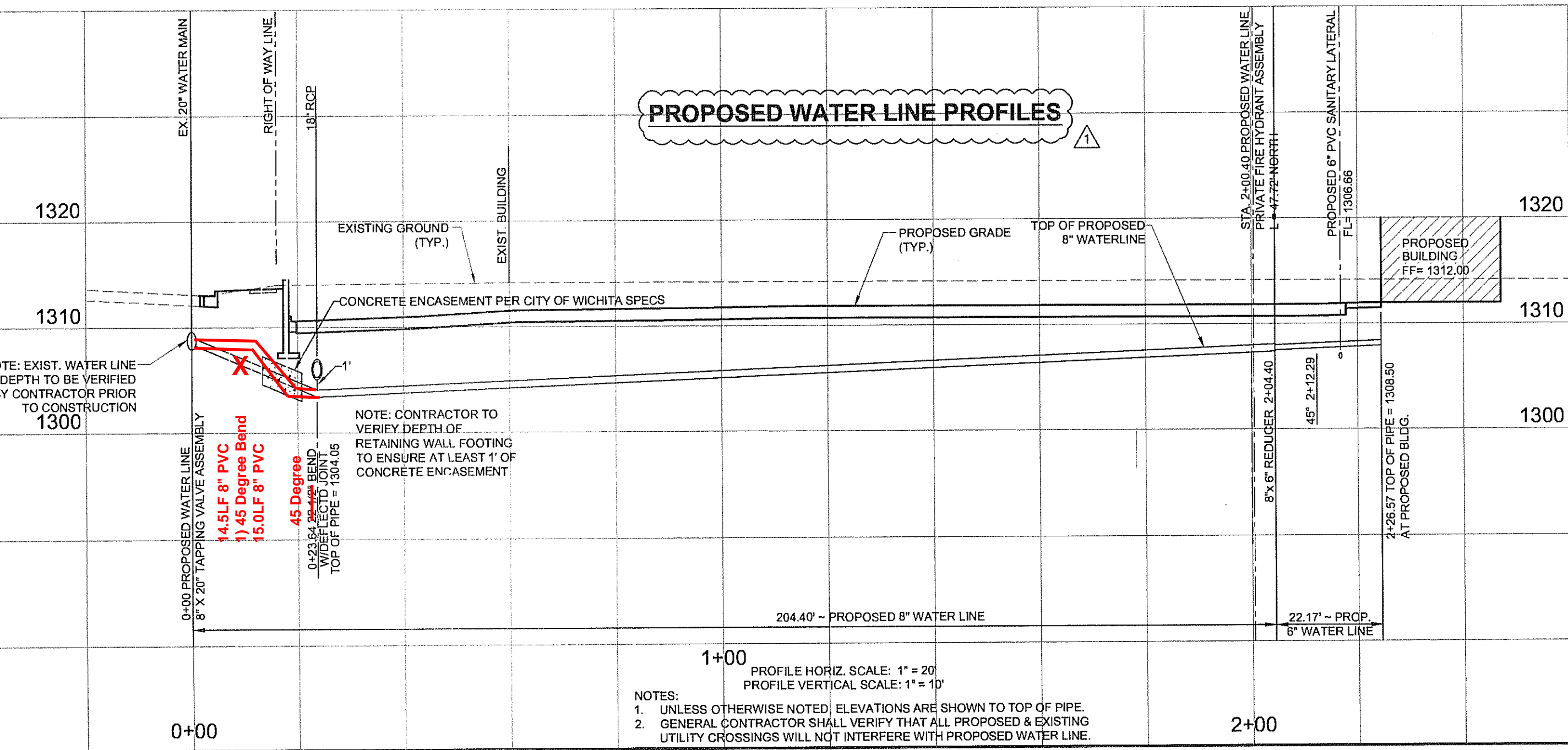
NOTE
Underground utilities and structures have been plotted from available information and therefore, their location must be considered approximate only. It is the responsibility of the individual contractors to notify the utility companies before actual construction.

EAST HARRY STREET

23,213 V.P.D. (2011) 35 M.P.H.



POINT NO.	EASTING	NORTHING	DESCRIPTION
2	19943.61	19959.84	PROPERTY CORNER
3	19965.00	19933.16	PROPERTY CORNER
6	19694.97	19959.09	PROPERTY CORNER
8	19694.99	19827.33	PROPERTY CORNER
12	19965.00	19709.90	PROPERTY CORNER
13	19753.95	19709.35	PROPERTY CORNER



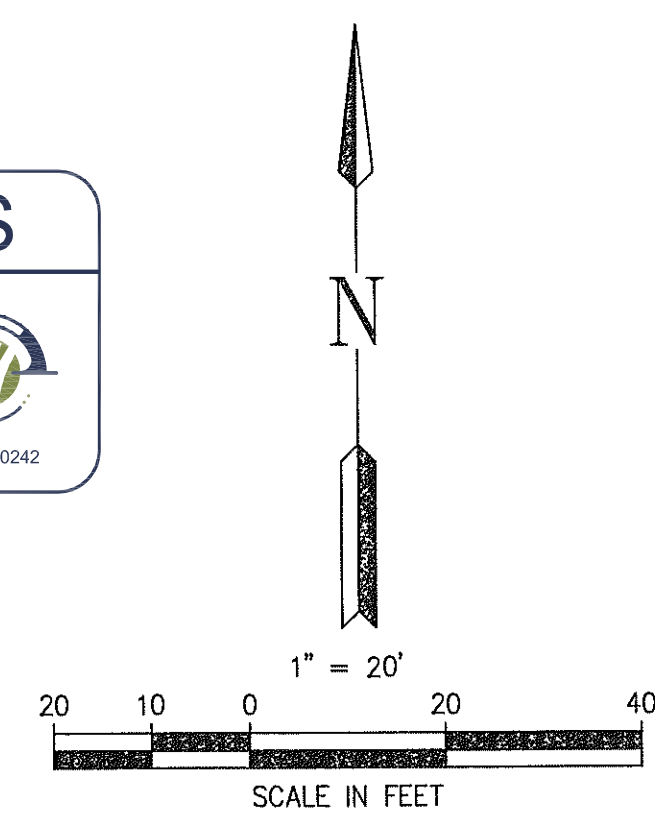
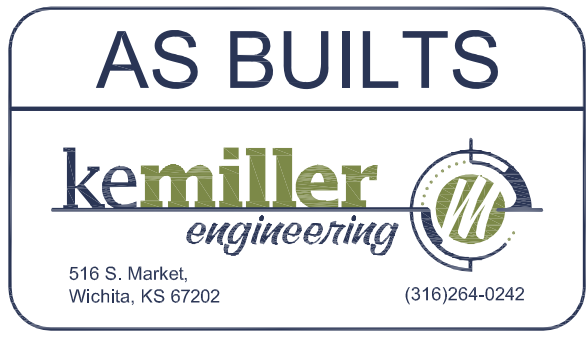
UTILITY NOTES:

- ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
- CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3'-6" COVER ON ALL WATER LINES AND 3'-0" ON ALL SANITARY SEWER LINES.
- CONTRACTOR SHALL COORDINATE WITH BUILDING ARCHITECT AND TELEPHONE COMPANY FOR EXACT LOCATIONS OF TELEPHONE ENTRY TO THE BUILDING. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CONDUITS, PULL WIRES, TRENCHING, BACKFILL, ETC. REQUIRED BY TELEPHONE CO.
- CONNECTION FROM THE METER TO SITE UTILITY LINES SHALL BE MADE BY BUILDING CONTRACTOR.
- EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
- REFER TO INTERIOR MECHANICAL, ELECTRIC AND PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANY UNOCCUPIED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.
- CONTRACTOR SHALL COORDINATE WITH BUILDING ARCHITECT AND KANSAS GAS SERVICE FOR EXACT LOCATION OF GAS ENTRY. G.C. TO INCLUDE IN BID FOR CONTRACTOR ANY GAS PIPING, CONDUITS, TRENCHING, BACKFILLING, ETC. REQUIRED BY KANSAS GAS SERVICE.
- CONTRACTOR SHALL COORDINATE WITH BUILDING ARCHITECT AND ELECTRIC COMPANY FOR EXACT LOCATION OF ELECTRIC ENTRY. G.C. SHALL INCLUDE FOR ANY CONDUITS, TRENCHING, BACKFILLING, CABLES, ETC. REQUIRED BY ELECTRIC COMPANY IN HIS/HER BID.
- SEE MEP PLANS FOR GAS SERVICE SIZING.
- ALL UTILITY SEWER TRENCH BACKFILL SHALL HAVE GRANULAR BACKFILL AND BE MECHANICALLY COMPACTED.
- THE CONTRACTOR SHALL VERIFY THE LOCATION, CONDITION AND ELEVATION OF ALL PROPOSED SEWER CONNECTION POINTS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT WOULD INTERFERE WITH THE PROPOSED SEWER DESIGN SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- THE EXISTING INLETS NOTED ARE TO BE INSPECTED BY CITY OF WICHITA AND A DETERMINATION MADE IF REPLACEMENT IS NEEDED. EXISTING TOP OF STRUCTURES AND ALL FLOWLINES OF STRUCTURES ARE TO BE REPLICATED PER PLANS IF REPLACEMENT IS REQUIRED. CONTRACTOR TO INCLUDE REMOVAL AND REPLACEMENT OF STRUCTURES IN BID.
- ALL PERMIT FEES AND COSTS ASSOCIATED WITH BRINGING UTILITY, SEWER AND WATER SERVICES TO THE BUILDING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL FEES AND COSTS SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
- G.C. TO PROVIDE OPENING FOR CITY OF WICHITA WATER SERVICE TO MAKE TAP. G.C. IS ALSO TO PROVIDE TRENCH, BACKFILL AND GRADE SMOOTH FOR A COMPLETE WATER LINE INSTALLATION.
- G.C. IS TO PROVIDE TRENCH, WIRE AND CONDUIT FOR TELEPHONE AND ELECTRICAL SERVICES, BACKFILL AND GRADE SMOOTH FOR A COMPLETE TELEPHONE AND ELECTRICAL INSTALLATION.
- ALL LANDSCAPE ISLANDS AND GREEN SPACE IN THE RIGHT-OF-WAY SHALL BE IRRIGATED.
- THE CONTRACTOR SHALL INCLUDE FOR TELEPHONE INSTALLATION COSTS BY THE LOCAL PHONE COMPANY IN HIS/HER BID.
- THE CONTRACTOR SHALL INCLUDE THE COST ESTIMATE PROVIDED BY WESTAR ENERGY IN HIS/HER BID FOR THE RELOCATION OF ANY OVERHEAD ELECTRIC OR GUY WIRES.

ELECTRIC, TELEPHONE AND CATV NOTES

- COORDINATION WITH THE ELECTRIC, TELEPHONE AND CATV COMPANIES SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR AND SHALL BE CONDUCTED IN A MANNER THAT RESULTS IN AN EFFICIENT AND TIMELY RELOCATION AND REMOVAL OF THE EXISTING FACILITIES.
- GROUND ELEVATIONS SHALL BE WITHIN 6" OF THE FINAL PROPOSED ELEVATIONS PRIOR TO THE START OF ELECTRIC, TELEPHONE AND CATV RELOCATIONS OR INSTALLATIONS OF NEW SERVICE.

THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTAL OF HIS/HER BIDS TO CONFIRM THAT THE SITE CONDITIONS ARE AS SHOWN ON THESE PLANS. ANY CONDITION THAT IS DIFFERENT THAN WHAT IS SHOWN ON THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO SUBMITTAL OF BIDS.



CVS pharmacy
NORTHERN 13,225-RIGHT CHAMFER DRIVE-THRU
 STORE NUMBER: 10070
 SWC E HARRY ST AND S HILLSIDE ST WICHITA, KS
 PROJECT TYPE: NEW CONSTRUCTION
 DEAL TYPE: Fee for Service/Land/Type B
 CS PROJECT NUMBER: 064718

ARCHITECT OF RECORD
NORR
 ARCHITECTS ENGINEERS PLANNERS

CONSULTANT:
PREMIER CIVIL ENGINEERING
 308 TCW Court
 Lake Saint Louis, MO 63367
 Phone: (314) 925-7444 Fax: (314) 925-7457

DEVELOPER:
VELMEIR COMPANIES

ENGINEERS AUTHENTICATION
 The responsibility for professional engineering liability on this project is hereby limited to the set of plans, specifications, and data hereon attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes modifications after this date unless reauthorized.

REVISIONS:
 10-08-12 REVISED PER CITY COMMENTS

DRAWING BY: J.BRADDOCK
 DATE: 08-17-12
 JOB NUMBER: 112701
 TITLE:
PRIVATE PROJECT WATER LINE & HYDRANT PLAN
 SHEET NUMBER:
C-3B
 COMMENTS:
 NOT APPROVED FOR CONSTRUCTION

I:\STORAGE\1\Server\CIVIL 3D PROJECTS\112701\DWG\Construction Drawings\SWC HILLSIDE AND HARRY DES 07-19-12.DWG.dwg, 10/11/2012 12:01:29 PM, pc2012

