



LEGEND

-	SIGN (STOP, YIELD, etc...)	-XX-	PROPOSED CONTOUR & CONTOUR ELEVATION
-	ISLE INDICATOR SIGN	■	STORM SEWER INLET
□	LIGHT POLE AND FIXTURE TYPE	■	STORM SEWER CURB INLET
→	TRAFFIC FLOW ARROW	●	STORM SEWER MANHOLE (STS M.H.)
→	STRAIGHT ARROW	●	S.S. MANHOLE
↙	LEFT TURN ARROW	●	S.S. CLEANOUPS
↘	RIGHT TURN ARROW	- - -	FUTURE CURB & GUTTER (BY OTHERS)
□	CART CORRALS	-UG-	POWER UNDERGROUND BY CONTRACTOR
TC	TOP OF CURB	-UT-	TELEPHONE UNDERGROUND (PER CITY STDS)
TP	TOP OF PAVEMENT	-P-	POWER OVERHEAD
TW	TOP OF WALK	-G-	GAS LINE
TG	TOP OF GUTTER	-	FLOW DIRECTION
SW	SIDEWALK	→	UTILITY EASEMENT
R	RADIUS	W/E	WALL EASEMENT
U/E	UTILITY EASEMENT	L.S.	LANDSCAPE
W/E	WALL EASEMENT	U.C.S.	UNDERGROUND COLLECTION SYSTEM
U.C.S.	UNDERGROUND COLLECTION SYSTEM	-W-	WATER LINE
-W-	WATER LINE	-DOM-	DOMESTIC WATER LINE
-DOM-	DOMESTIC WATER LINE		

△ CHANGE DIRECTIVE #1 ~ 05/19/11

WATERLINE LOCATION PLAN

WALMART MARKET #5991-00

31st STREET & S. SENECA STREET WICHITA, KANSAS

SMC Consulting Engineers, P.C.
 815 West Main - Oklahoma City, OK 73106
 PH: 405-232-7715 Fax: 405-232-7859
 KANSAS CERTIFICATE OF AUTHORIZATION NO. E-335 EXP. Dec. 31, 2011

No.	Revision	By	Date
1	Change Directive #1	TAB	05/19/11

DATE: 04/28/11 SCALE: 1"=40'
 DRAWN BY: TAB SHEET NO. C-11.0.1
 PROJECT NO.: 4966.00 ENGINEER: TERENCE L. HAYNES, P.E. #14583

AS BUILTS

kemiller engineering

516 S. Market, Wichita, KS 67202 (316)264-0242

UTILITY STATEMENT & CAUTION:

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON A COMBINATION OF FIELD SURVEY INFORMATION, EXISTING DRAWINGS AND RECORDS OF THE VARIOUS UTILITY COMPANIES. THE ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE ENGINEER FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE ENGINEER HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

WATERLINE 'B'

FIRE HYDRANT ASSEMBLY

8" valve inline

8"x8"x6" 1-1/2"x1/2"x6" TAPPING TEE 1-6" G.V. & BOX

PROP. FIRE HYDRANT ASSEMBLY WITH BOLLARD PROTECTION

L=30 Clow (storz)

VB elev=1284.00 HYDRANT bury=1283.86

Existing waterline is 8" not 12"

Put in new vault 10'x6.4'x66" Deep Valve to long sleeve 13.5' then 28.5" to vault 8" main -4" FDC line has check detector in vault

CITY OF WICHITA SHALL PLUG THE EXISTING WATERLINE CONNECTION AT THE VALVE TO THE MAIN LINE (CONTRACTOR TO REIMBURSE). CONTRACTOR SHALL REMOVE EXISTING WATER METER VAULT & APPURTENANCES.

NOTE: THE GENERAL CONTRACTOR SHALL INSTALL ALL WATERLINE AND APPURTENANCES EXCEPTING WATER METER SETTINGS & PLUG TO BE INSTALLED BY THE CITY OF WICHITA.

INSTALL 1" IRRIGATION METER WITH 3/4" ADAPTOR TO EX. 12" WATERLINE. FURNISHED BY CITY OF WICHITA. CONTRACTOR TO REIMBURSE. (REF: IRRIGATION PLAN)