LEGEND

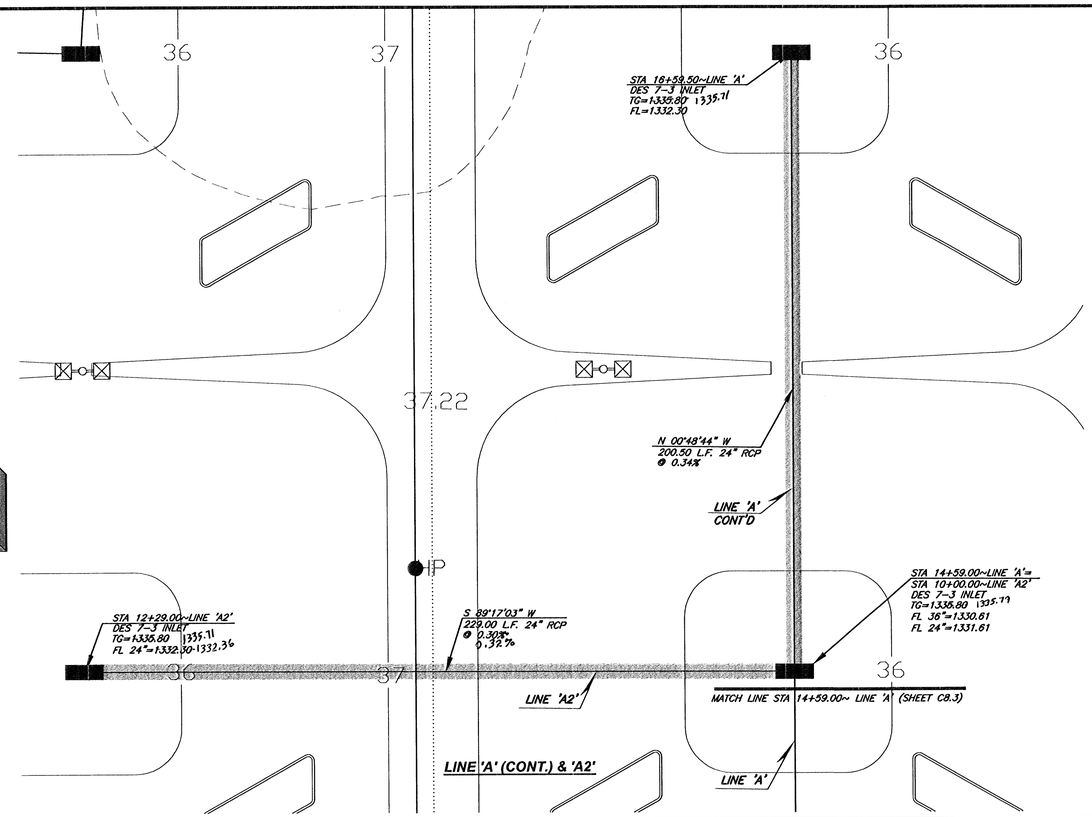
	SIGN (i.e. STOP, YIELD, etc...)	—1521—	PROPOSED CONTOUR & CONTOUR ELEVATION
KV	LIGHT POLE AND FIXTURE TYPE		STORM SEWER INLET
	HEAVY DUTY CONCRETE (H.D.C.)		STORM SEWER CURB INLET
	HEAVY DUTY ASPHALT (H.D.A.)		STORM SEWER MANHOLE (STS M.H.)
			S.S. MANHOLE
			S.S. CLEANOUTS
	STANDARD DUTY ASPHALT (S.D.A.)		FUTURE CURB & GUTTER BY OTHERS
	CONCRETE BARRIER	—UGE—	POWER UNDERGROUND
	STRAIGHT ARROW	—UTE—	TELEPHONE UNDERGROUND
	LEFT TURN ARROW		
	RIGHT TURN ARROW		POWER OVERHEAD
	3 WAY FIRE HYDRANT	—G—	GAS LINE
	TEE		FLOW DIRECTION
	GATE VALVE	STS	STORM SEWER
	CART CORRALS		
L.S.	LANDSCAPE		

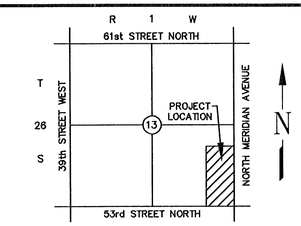
UTILITY STATEMENT:

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.

NOTES:

1. CONTRACTOR SHALL MEET AND MATCH TOP OF JUNCTION BOXES OR CLEAN OUTS WITH FINISHED PAVING GRADES.
2. CONTRACTOR SHALL REFER ARCH. PLANS FOR TYPICAL SIZES OF THE BUILDING DOWNSPOUTS.
3. STORM SEWERS LABELED AS "STS" MAY BE OF HDPE/ALUMINIZED CSP OR RCP MATERIAL AND SHALL MEET WAL-MART'S SITEWORK SPECIFICATIONS. CONTRACTOR SHALL SUBMIT STORM PIPE PRODUCT DATA TO SMC CONSULTING ENGINEERS, P.C. FOR APPROVAL. ALUMINIZED CORRUGATED STEEL PIPES SHALL BE ULTRA FLOW OR W/MANNINGS ROUGHNESS COEFFICIENT OF 0.013 OR BETTER.
4. CONTRACTOR SHALL REFER STORM SEWER PIPE TRENCHING AND BEDDING DETAIL FOR BACKFILL AND BEDDING UNDER PAVED & NON-PAVED AREAS.
5. ALL 12" AND LARGER STORM LINES MUST BE INCLUDED IN THE PRIVATE STORM PROJECT HANDLED THROUGH THE CITY ENGINEER'S OFFICE. THE PROPOSED ROOF DRAIN LINES (10" OR SMALLER) MUST BE INSTALLED BY A LICENSED DRAIN LAYER WITH PERMITS AND INSPECTION FROM THE OFFICE OF CENTRAL INSPECTION.



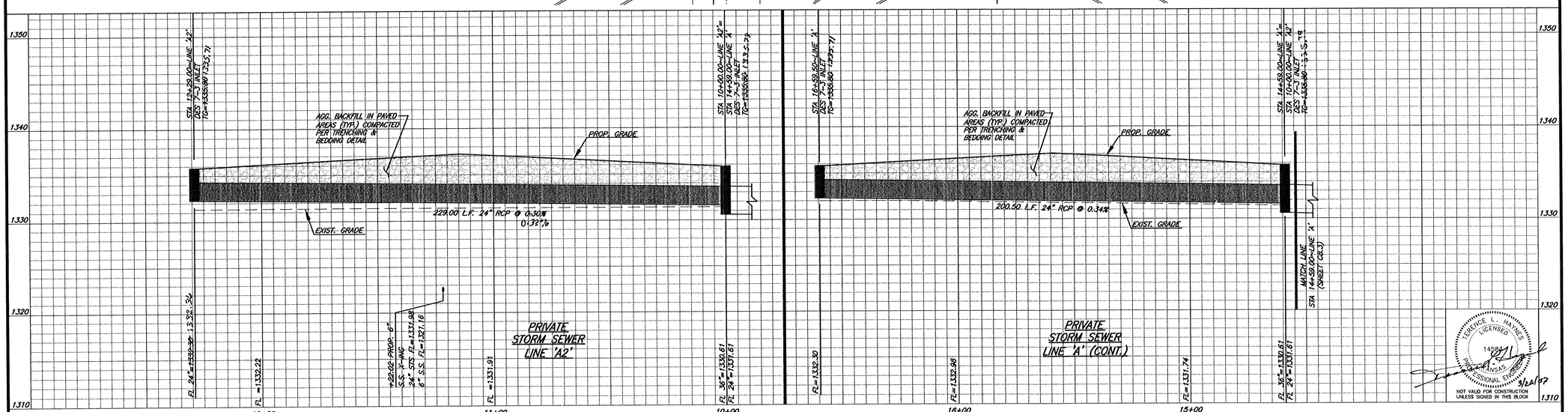


LOCATION MAP
NOT TO SCALE

20 0 20 40 60
Scale 1" = 20'

NOTE: THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAKING ALL ADJUSTMENTS OF EXISTING UTILITIES TO ALLOW THE DESIGN TO BE BUILT.

BEARING & STATIONING NOTE:
ALL SEWER BEARINGS AND LINE DIMENSIONS ARE MEASURED TO THE CENTER OF JUNCTION BOXES AND MANHOLES UNLESS OTHERWISE INDICATED. THE CONTRACTOR SHALL MAKE ADJUSTMENTS IN PIPE CONNECTIONS AT JUNCTION BOXES AND MANHOLES AS NECESSARY TO ALLOW THE DESIGN TO BE BUILT.



SMC SMC Consulting Engineers, P.C. 815 WEST MAIN, OKLAHOMA CITY, OK 73106 PHONE: 405-232-7715 FAX: 405-232-7859
SMC, P.C. KANSAS CERTIFICATE OF AUTHORIZATION NO. E-335 EXP. DEC. 2008

WAL-MART SUPERCENTER #4321-00, WICHITA, KANSAS

PRIVATE STORM SEWER LINE 'A' (CONT.) & 'A2' PLAN & PROFILE

NO	DATE	BY	REVISION
1	03/23/07	DLS	REVISION PER CITY COMMENTS

SCALE HORIZ. 1"= 20' VERT. 1"= 5'

DATE: 12/12/06

SHEET NO. C-8.4

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