

LEGEND

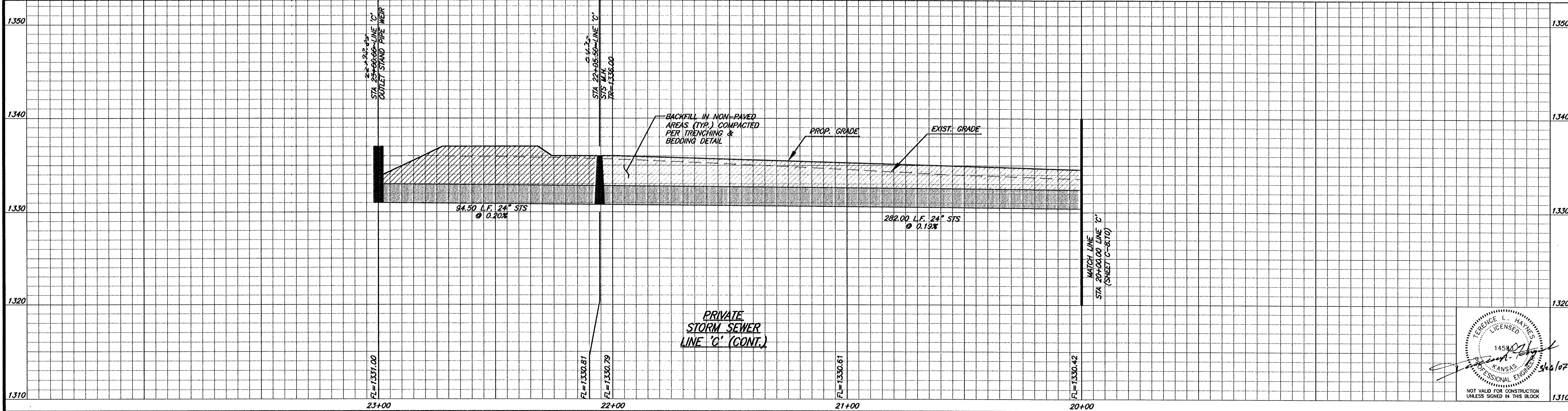
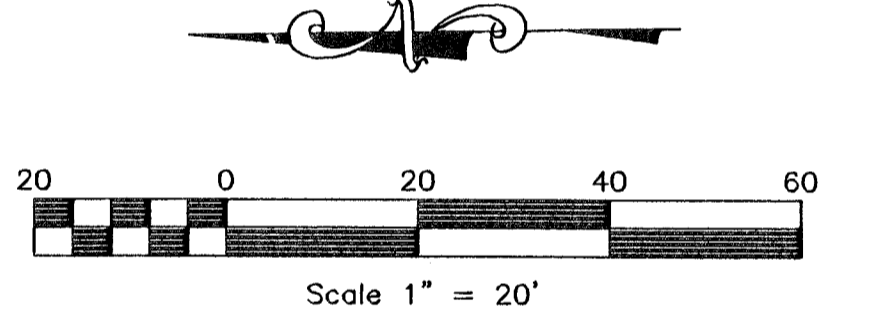
—1521—	PROPOSED CONTOUR & CONTOUR ELEVATION
□	STORM SEWER INLET
□	STORM SEWER CURB INLET
○	STORM SEWER MANHOLE (STS M.H.)
●	S.S. MANHOLE
●	S.S. CLEANOUTS
—	FUTURE CURB & GUTTER BY OTHERS
—	POWER UNDERGROUND
—	TELEPHONE UNDERGROUND
—	POWER OVERHEAD
—	GAS LINE
—	FLOW DIRECTION
—	STS STORM SEWER
+	SIGN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

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.

- NOTES:**
- CONTRACTOR SHALL MEET AND MATCH TOP OF JUNCTION BOXES OR CLEAN OUTS WITH FINISHED PAVING GRADES.
 - CONTRACTOR SHALL REFER ARCH. PLANS FOR TYPICAL SIZES OF THE BUILDING DOWNSPOUTS.
 - 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.
 - CONTRACTOR SHALL REFER STORM SEWER PIPE TRENCHING AND BEDDING DETAIL FOR BACKFILL AND BEDDING UNDER PAVED & NON-PAVED AREAS.
 - 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.

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



Professional Engineer Seal for Lawrence L. Haines, License No. 1454, State of Kansas. The seal is dated 12/12/08.