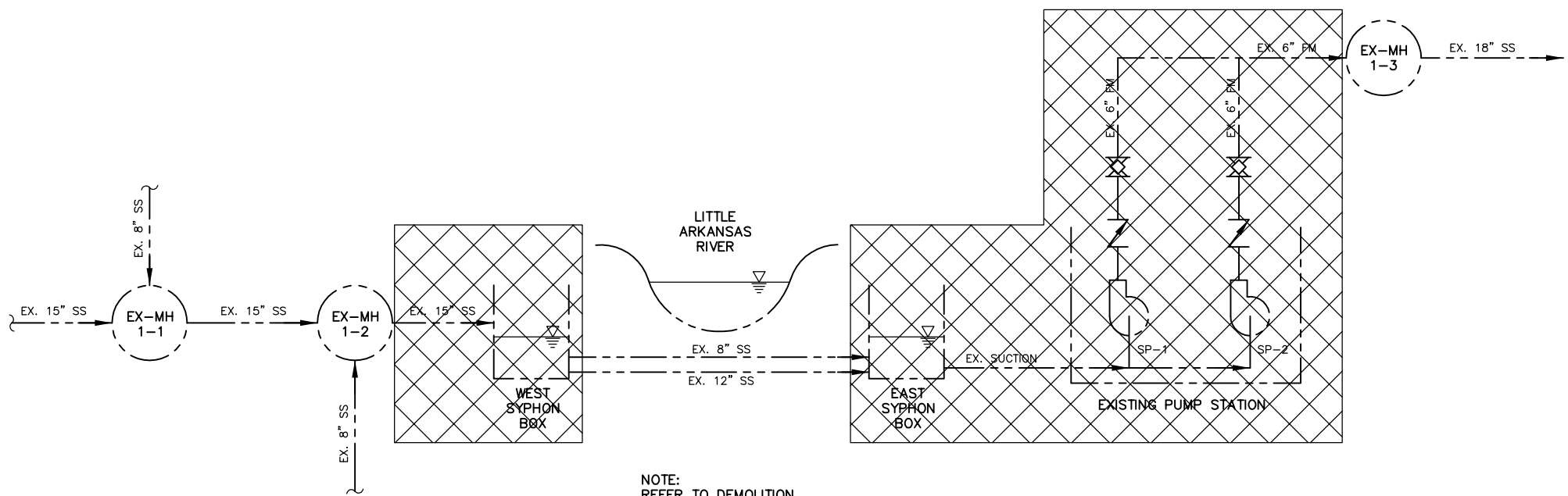


PROPOSED PROCESS FLOW DIAGRAM
NO SCALE

PROCESS PIPING LEGEND			
	AIR RELIEF VALVE (ARV)		HOSE REEL
	BALL VALVE (BV)		PRESSURE SWITCH (PS)
	BALL CHECK VALVE (BCV)		PRESSURE TRANSDUCER (PT)
	BUTTERFLY VALVE (BFV) WITH OPERATOR LOCATION		TEMPERATURE SWITCH (TS)
	CHECK VALVE (CV)		FLOAT SWITCH
	GATE VALVE (GV)		ULTRASONIC LEVEL TRANSMITTER
	GLOBE VALVE (GLV)		LEVEL DETECTION DEVICE
	FLOAT OPERATED GLOBE VALVE		LEVEL INDICATION DEVICE
	HOSE BIBB		RESIDUAL CHLORINE ANALYZER (ANCL ₂)
	WALL FAUCET (WF)		ELECTRIC OPERATOR
	PINCH VALVE (PNV) (TYDEFLEX® OR EQUAL)		FLOW METER (FM)
	PLUG VALVE (PV)		PUMP
	PRESSURE REDUCING VALVE (PRV)		BLOWER
	PRESSURE RELIEF VALVE		MIXER
	SLUICE/SLIDE/WEIR/ GATE		PULSATION DAMPER (PD)
	SOLENOID VALVE (SV)		HYDRAULIC DAMPENNER (HD)
	TELESCOPING VALVE (TLV)		DIAPHRAGM SEAL
	VACUUM RELIEF VALVE (VRV)		PNEUMATIC CYLINDER OPERATOR W/ POSITIONER
	NORMALLY CLOSED (NC)		PRESSURE GAUGE (PG)
	BACKFLOW PREVENTER (BFP)		FLOOR DRAIN (FD)
	DISMANTLING JOINT (DJ)		Y-STRAINER (YST)
	FLEXIBLE CONNECTION		PLATE STRAINER (PST)
	CAP		TRAPPED DRAIN
	QUICK CONNECTION		FLAP GATE
	PLUG		SAMPLING POINT
	REDUCER		VENT (INDOORS)
	SLEEVE COUPLING		VENT (OUTDOORS)
	QUICK COUPLE DISCONNECT		YARD HYDRANT (YH)
	BLIND FLANGE		
	UNION JOINT		

NOTE:
CONTRACTOR SHALL FLUSH EACH EXISTING 8" AND 12" RIVER CROSSING SEWER PIPE WITH 20,000 GALLONS OF CLEAR WATER AND THEN EVACUATE THE FLUSH WATER AND FILL EACH PIPE WITH FLOWABLE FILL AND PLUG EACH END.



EXISTING PROCESS FLOW DIAGRAM
NO SCALE

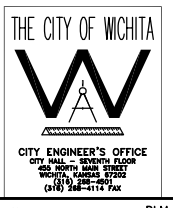
NO.	BY	DATE	DESCRIPTION
0	DLM	10/17/05	ISSUE FOR CONSTRUCTION
	MJV	4/26/07	CONFORMING TO CONSTRUCTION RECORDS DELETED ARE RELEASE VAULT



CITY OF WICHITA, KANSAS
15th STREET PUMP STATION AND FORCE MAIN

PROCESS FLOW DIAGRAMS

CONFORMING TO CONSTRUCTION RECORDS
4/20/07



DESIGNED BY	DLM	CHECKED BY	DLM
DRAWN BY	MJV	DATE	JUNE, 2005
PROJECT	0301030310	CONTRACT	-
DRAWING	G4	REVISION	0