

SITE ELECTRICAL PLAN



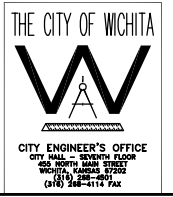
KEYED NOTES

- ① SERVICE LATERAL UNDERGROUND FROM UTILITY TRANSFORMER TO METER ON BUILDING WALL. SEE SHEET E4 FOR LOCATION. SEE ONE-LINE DIAGRAM ON SHEET E2. SEE DETAIL 4 ON SHEET E9. CONDUCTORS BY UTILITY. INSTALL (1) 3" CONDUIT WITH RISER DOWN UTILITY POLE TO 30" BELOW GRADE TO METER.
- ② UTILITY METER ON BUILDING WALL. SEE SHEET E4 FOR LOCATION. COORDINATE ALL REQUIREMENTS WITH SERVING UTILITY COMPANY PRIOR TO BEGINNING ANY WORK.
- ③ SERVICE EQUIPMENT DISCONNECT MOUNTED ON BUILDING WALL. INSTALL SERVICE ENTRANCE CONDUCTORS FROM METER TO DISCONNECT USING RIGID CONDUIT.
- ④ INSTALL REUSED ANTENNA ON EXISTING POWER POLE. SEE SPECIFICATION 16940 FOR RE-USE REQUIREMENTS.
- ⑤ UTILITY POLE MOUNTED TRANSFORMER. INSTALL RISER PER SERVING UTILITY'S DIRECTION. COORDINATE EXACT LOCATION OF TRANSFORMER AND POLE WITH UTILITY. COORDINATE ALL REQUIREMENTS WITH UTILITY PRIOR TO BEGINNING ANY WORK. SEE ONE-LINE DIAGRAM ON SHEET E2.
- ⑥ 3/4" PVC SCHEDULE 40 CONDUIT UNDERGROUND WITH REQUIRED CONDUCTORS FROM GAS DETECTION RECEIVERS IN BUILDING TO GAS DETECTORS IN WET WELL.
- ⑦ 3/4" PVC SCHEDULE 40 CONDUIT UNDERGROUND WITH REQUIRED CONDUCTORS FROM PRESSURE SWITCHES IN VALVE VAULT TO PLC CABINET IN BUILDING.

LEGEND

- AREA SURROUNDED BY HATCH IS CLASS I DIVISION I RATED.
- AREA SURROUNDED BY HATCH IS CLASS I DIVISION II RATED.
- UNDERGROUND CONDUIT.
- UTILITY POWER POLE.

**CONFORMING TO
CONSTRUCTION RECORDS
4/20/07**



NO.	BY	DATE	DESCRIPTION
0	DLM	10/17/05	ISSUE FOR CONSTRUCTION
	MJV	4/26/07	CONFORMING TO CONSTRUCTION RECORDS DELETED AIR RELEASE VAULT, ADDED 1'-0" TO EAST SIDE OF VALVE VAULT.



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

ELECTRICAL SITE PLAN

DESIGNED BY	BH	CHECKED BY	SLA
DRAWN BY	MJV	DATE	JUNE, 2005
PROJECT	0301030310 CONTRACT --		
DRAWING	E3 REVISION -- 0		

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