

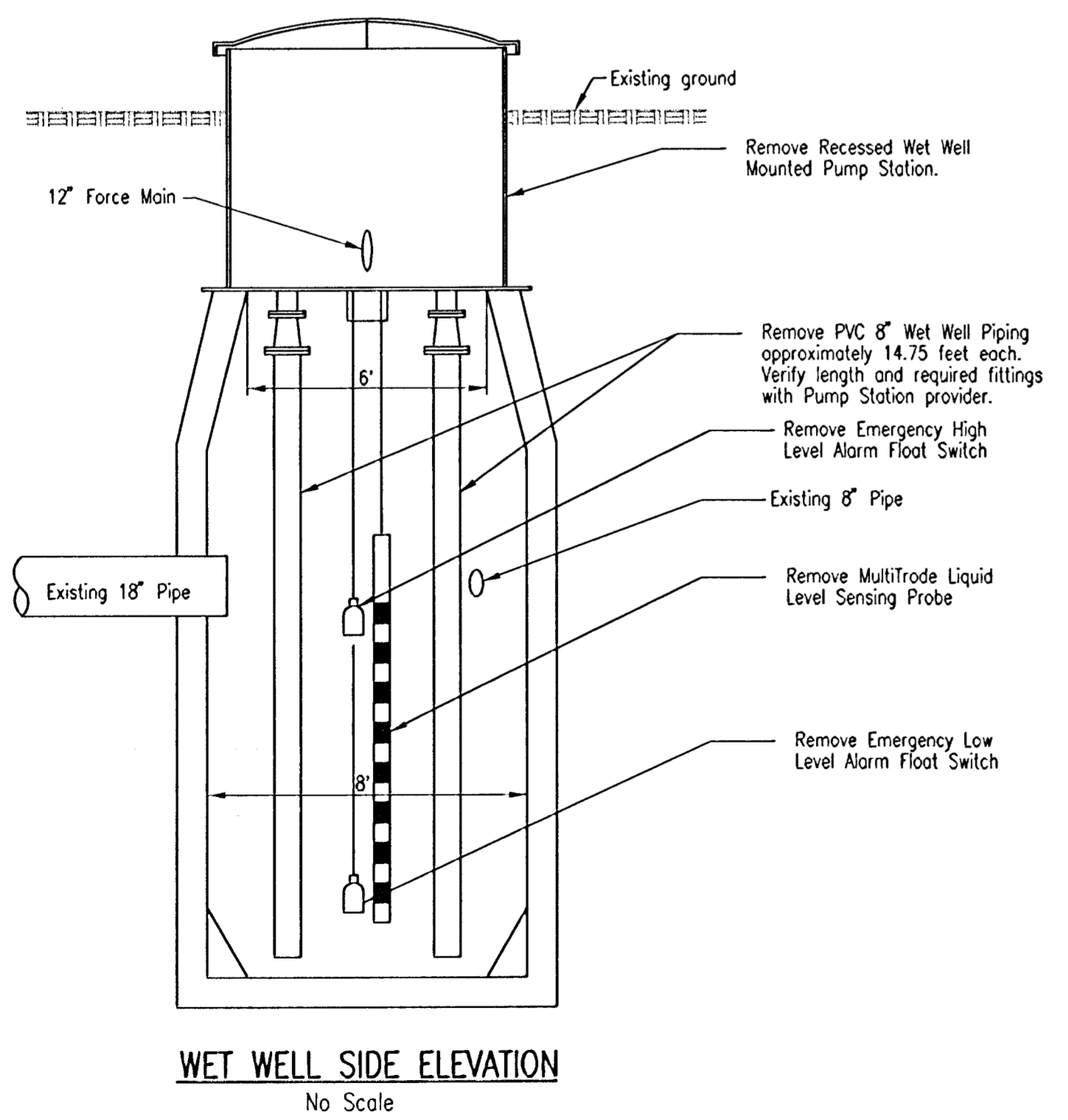
- NOTES**
- WHERE PIPE IS DESIGNATED FOR ABANDONMENT, THE CONTRACTOR SHALL SEAL BOTH ENDS OF PIPE WITH 3' LONG CONCRETE PLUGS. SAND BACKFILL INSIDE THE PIPES IS NOT REQUIRED FOR PIPES 12" DIA. OR LESS.
  - MANHOLE RINGS AND COVERS, CHECK VALVES, PLUG VALVES, ACCESS HATCHES, GUIDE RAILS, PUMPS, DISCONNECT SWITCHES, AUTOMATIC TRANSFER SWITCH, GENERATOR, MINI POWER ZONE, MULTITRODE, FLOAT SWITCHES, AND HOFFMAN ENCLOSURE TO BE SALVAGED BY CONTRACTOR TO THE CITY.
  - ALL ABANDONMENT AND REMOVAL OF EXISTING STRUCTURES AND PIPING SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR THE PUMP STATION ABANDONMENT/REMOVAL. ALSO INCLUDED IN THE LUMP SUM PRICE BID FOR THIS ITEM SHALL BE MAINTAINING WASTEWATER FLOWS.
  - PRIOR TO ANY PUMP STATION OR FORCE MAIN ABANDONMENT OR REMOVAL THE CONTRACTOR SHALL GIVE 48 HOURS (MIN.) NOTICE TO THE CITY. CONTACT TIM HOPWOOD AT (316) 303-8787.
  - CONTRACTOR SHALL NOT DIVERT ANY SEWAGE FLOW THROUGH NEW PIPE OR MANHOLES UNTIL TESTING HAS BEEN COMPLETED AND ACCEPTED.
  - CONTRACTOR SHALL VISIT THE PUMP STATION SITE AND BECOME FAMILIAR WITH THE EXISTING PUMP STATION AND EQUIPMENT AND SUBSEQUENT DEMOLITION.
  - RADIO TOWER, SCADA SYSTEM, AND AIR RELEASE VALVE TO BE SALVAGED.
  - CONTRACTOR SHALL COORDINATE TRANSFORMER, UTILITY POLE AND GAS METER REMOVAL WITH THE PROPER UTILITY.
- ELECTRIC:**  
Mr. Randy Truitt  
Westar Energy  
(316) 261-6512
- GAS:**  
Ms. Charlene Lawless  
Kansas Gas Service  
(316) 832-3121
- WATER:**  
Mr. Bill Perkins  
City of Wichita  
(316) 268-4555
- SEWER:**  
Tim Hopwood  
City of Wichita  
(316) 303-8787

- WET WELL CONVERSION NOTES**
- REMOVE/SALVAGE ALL PIPING, FITTINGS, VALVES, PIPE COUPLINGS, PUMPS, CONTROL PANEL, ELECTRICAL PANEL, GENERATOR, AND EQUIPMENT.
  - CONTRACTOR SHALL REMOVE 5 L.F. FROM EXISTING FORCE MAIN, BEFORE SEALING PIPE. CONTRACTOR SHALL THOROUGHLY FLUSH FORCE MAIN WITH CLEAN WATER AND SHALL AVOID FLUSHING DURING PEAK HOUR FLOWS. ONCE FORCE MAIN IS CLEANED, BOTH ENDS SHALL BE CUT AND CAPPED WITH CI MJ CAPS.

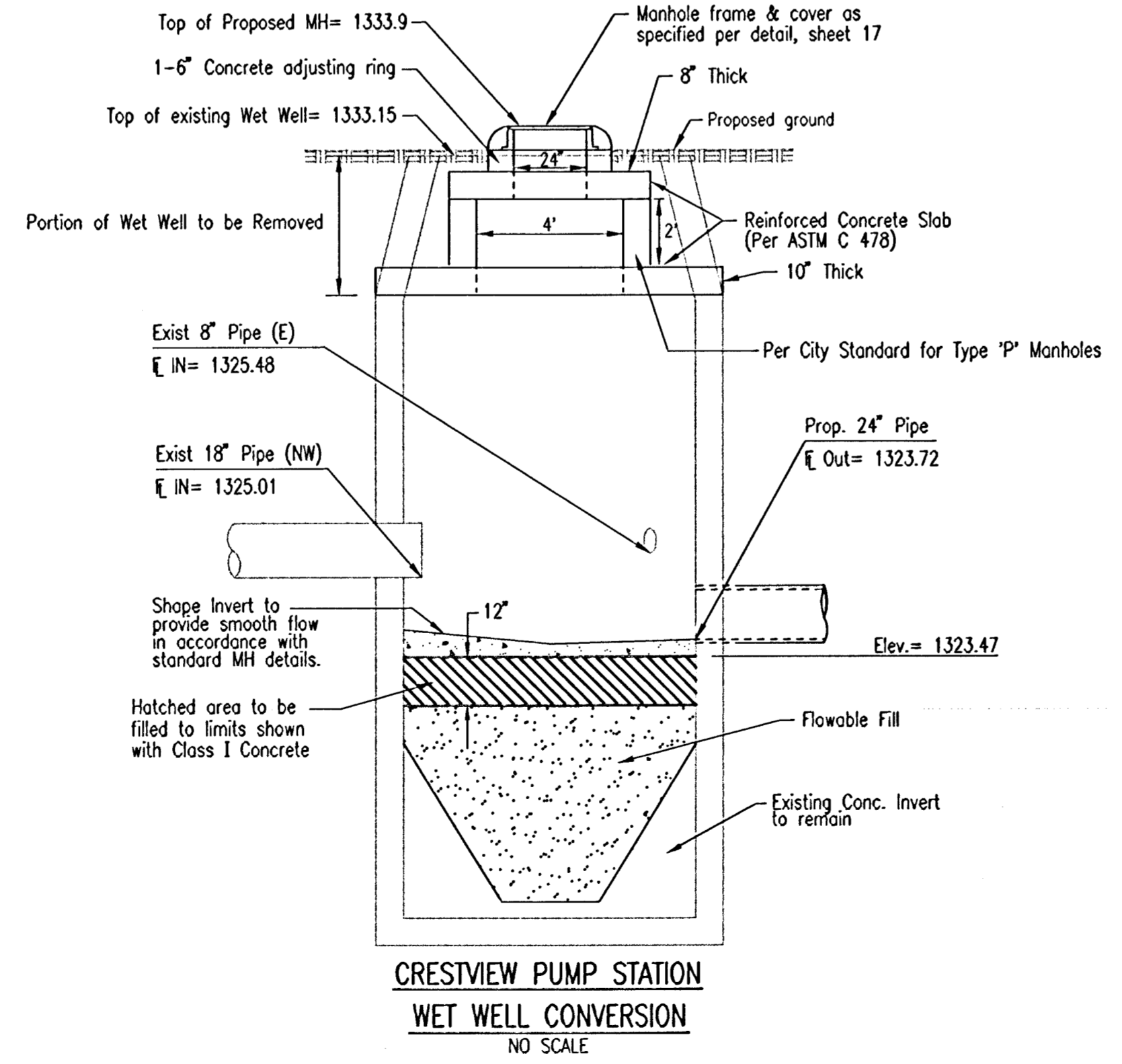
**SALVAGE ITEMS**

THE CONTRACTOR SHALL COORDINATE WITH TIM HOPWOOD, WICHITA WATER AND SEWER DEPARTMENT. ANY ITEMS TO BE SALVAGED SHALL BE DELIVERED TO THE CITY. ITEMS TO BE DISPOSED OF AS DIRECTED BY THE CITY SHALL BE DISPOSED OF IN AN ACCEPTABLE LOCATION.

- DEMOLITION NOTES**
- PRIOR TO BEGINNING ANY SALVAGE/DEMOLITION WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES (WESTAR, KANSAS GAS SERVICE, SBC, ETC.) AND REQUEST THAT ALL UTILITY SERVICE BE DISCONNECTED. ANY COSTS INCURRED BY THE UTILITY COMPANIES SHALL BE PAID BY THE CONTRACTOR.
  - DRIVE AND PUMP STATION CONCRETE PAD AND CULVERT SHALL BE REMOVED BY THE CONTRACTOR.
  - REMOVED ITEMS SHALL BE CLEANED AND STOCKPILED ON SITE FOR THE ENGINEERS INSPECTION. ACCEPTABLE ITEMS SHALL BE DELIVERED BY THE CONTRACTOR TO A LOCATION APPROVED BY THE CITY ENGINEER.
  - FOLLOWING THE SALVAGE OPERATIONS, THE AIR RELEASE VALVE VAULT AND PUMP STATION VALVE VAULT SHALL BE DEMOLISHED TO AN ELEVATION OF 4 FEET (MINIMUM) BELOW THE ADJACENT GROUND LINE.
  - CONCRETE RUBBLE, OTHER DEBRIS, AND UNSALVAGEABLE MATERIALS SHALL BE DISPOSED AS APPROVED AND DIRECTED BY THE CITY ENGINEER.
  - STRUCTURES TO BE ABANDONED SHALL BE COMPLETELY REMOVED TO AN ELEVATION OF 4" BELOW FINISHED GRADE. THE REMAINING PORTION OF THE ABANDONED STRUCTURES SHALL BE BACKFILLED WITH FLOWABLE FILL. THE TOP 4" OF THE EXCAVATION SHALL BE BACKFILLED WITH COMPACTED MATERIAL SIMILAR TO THE ADJACENT SURFACE TO 95% OF ASTM D698. BACKFILLED WITH COMPACTED MATERIAL SIMILAR TO THE ADJACENT SURFACE TO 95% OF ASTM D698.
  - AFTER BACKFILLING, THE ENTIRE SITE DISTURBED BY DEMOLITION SHALL BE CLEARED OF ALL DEBRIS, CONCRETE RUBBLE, ETC., AND GRADED TO DRAIN.
  - ALL WORK DESCRIBED ABOVE, INCLUDING THE WET WELL CONVERSION AND ANY INCIDENTAL WORK NECESSARY SHALL BE CONSIDERED SUBSIDIARY TO THE LUMP SUM PRICE BID FOR THE PUMP STATION ABANDONMENT/REMOVAL.
  - FOLLOWING SITE GRADING, THE CONTRACTOR SHALL SOD ALL AREAS DISTURBED BY HIS OPERATIONS PER SPECIFICATIONS. SODDING SHALL BE CONSIDERED SUBSIDIARY TO THE LUMP SUM PRICE BID FOR "LANDSCAPING".

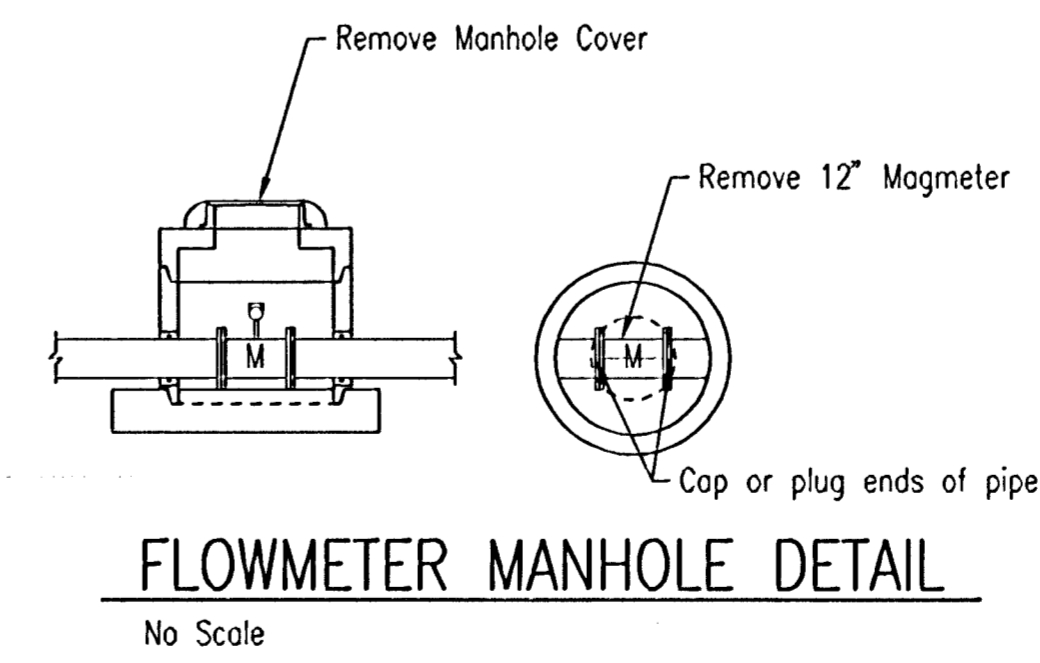


**WET WELL SIDE ELEVATION**  
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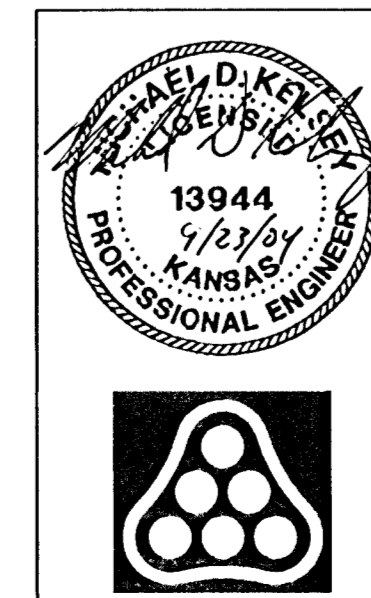


**CRESTVIEW PUMP STATION WET WELL CONVERSION**  
NO SCALE

NOTE: CONTRACTOR SHALL CLEAN WET WELL AND DISPOSE OF SOLIDS AND OTHER CLEANING MATERIALS IN A MANNER AS APPROVED BY THE ENGINEER PRIOR TO FILLING WET WELL WITH FLOWABLE FILL.



**FLOWMETER MANHOLE DETAIL**  
No Scale



Revision		By	Date
MAIN 17, FOUR MILE CREEK CRESTVIEW SEWER - PHASE 1			
<b>PUMP STATION ABANDONMENT PLAN</b>			
JAMES L. ARMOUR, P.E. - ACTING CITY ENGINEER CITY OF WICHITA PROJECT NO. 468-83903			
<b>Professional Engineering Consultants, P.A.</b>			
303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	MDK	Job No.	35-02633-3697
Drawn by	JGA	Date	JULY 2004
			Sht. 12 of 23

DSNR: OPER: JGA SCALE: 1"=10.00  
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