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 REUSE OF DOCUMENTS: THESE DOCUMENTS AND DESIGNS PROVIDED BY PROFESSIONAL SERVICE, INCORPORATED HEREIN, ARE THE PROPERTY OF CDM SMITH AND ARE NOT TO BE USED, IN WHOLE OR PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CDM SMITH.

CONSTRUCTION SEQUENCE

- A. THE FOLLOWING SEQUENCE IS PROVIDED FOR INFORMATION ONLY, THE CONTRACTOR MUST DEVELOP A CONSTRUCTION SEQUENCE THAT ALLOWS THE FACILITY TO OPERATE TO MEET PERMIT AND NOT BYPASS.
- B. TEMPORARY PUMPING REQUIREMENT WOULD PROVIDE FOR REDUNDANT PUMPING AND A MAXIMUM CAPACITY OF 10 MGD.
- C. WASTEWATER FROM THE PLANT NO. 1 SIDE CAN BE HELD IN THE EXTRANEIOUS FLOW HOLDING BASINS FOR NOT LONGER THAN 24 HOURS; INCLUDING ANY DRAIN DOWN AND FILL TIMES, PLANT NO. 1 DIVERSIONS CANNOT BE SCHEDULED ANY CLOSER THAN 3 DAYS SEPARATION.
- D. FLOW FROM THE WEST CANNOT BE SHUT OFF AND MUST FLOW THROUGH THE PLANT.
- E. THE EFFLUENT PIPE INTO THE UV DISINFECTION SYSTEM IS 72-INCH PIPE.
- F. THE CONTRACT SHALL PROVIDE TEMPORARY PUMPING AS NEEDED FOR EACH ACTIVITY.
 - 1. CONSTRUCT THE MANHOLE OVER THE EFFLUENT PIPELINE AS ACCESS FOR TEMPORARY PUMPING.
 - 2. CONSTRUCT A TEMPORARY BULK HEAD IN THE UV INFLUENT BASIN TO ALLOW THE CONSTRUCTION OF PROPOSED STRUCTURAL IMPROVEMENTS.
 - 3. CONSTRUCT STRUCTURAL MODIFICATIONS TO THE EXISTING STRUCTURE.
 - 4. INSTALL EFFLUENT CONTROL WEIRS AND LAUNDERS, REMOVE WEIRS FROM OXY-CHARGERS.
 - 5. INSTALL NEW UV EQUIPMENT.
 - 6. INSTALL REMOVE ONE CHANNEL OF UV EQUIPMENT.
 - 7. INSTALL ELECTRICAL DUCT BANK.
 - 8. DEMOLITION OF THE WALLS IN THE INFLUENT CHANNEL.
 - 9. PROVIDE TEMPORARY LOCATION AND POWER FOR REMAINING UV EQUIPMENT.
 - 10. INSTALL ELECTRICAL SYSTEMS FOR THE NEW UV EQUIPMENT.
 - 11. COMPLETE THE INSTALLATION OF THE NEW UV EQUIPMENT.
 - 12. COMPLETE TESTING OF THE UV EQUIPMENT.
 - 13. COMPLETE DEMOLITION OF THE EXISTING UV SYSTEM.
 - 14. INSTALLATION OF BEAMS AND GRATING IS NOT ON A CRITICAL PATH AND CAN BE COMPLETED AT ANY TIME.
 - 15. INSTALLATION OF WEIR COVERS ON THE CLARIFIERS IS NOT ON A CRITICAL PATH AND CAN BE COMPLETED AT ANY TIME.

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CITY OF WICHITA, KANSAS
 WATER AND SEWER DEPARTMENT
SEWAGE TREATMENT PLANT NO.2 IMPROVMENTS
UV DISINFECTION

DRAWING INDEX AND
CONSTRUCTION SEQUENCE

PROJECT NO.	2395-104609
FILE NAME:	GNPL002
SHEET NO.	G-2

