



CONSTRUCTION PHASING GUIDELINES:

1. INSTALL NEW STOP LOGS. ONCE STOP LOGS ARE INSTALLED, CONTRACTOR SHALL INSPECT CONDUIT CONCRETE WHERE INDICATED. REPAIR CONCRETE AS NECESSARY PER INSPECTION REPORT IN ACCORDANCE WITH DRAWING S-110. OWNER WILL TAKE 2 BASINS OFFLINE AT A TIME DURING STOP LOG INSTALLATION AND CONCRETE INSPECTION.
2. DEMOLISH EXISTING AND INSTALL NEW EFFLUENT VALVES (1 PER BASIN) BEFORE CONDUCTING ANY WORK INSIDE THE SETTLING OR MIXING BASINS. OWNER WILL TAKE 2 BASINS OFFLINE AT A TIME DURING EFFLUENT VALVE INSTALLATION. CONTRACTOR MAY REQUIRE ADDITIONAL TEMPORARY STOP LOGS OR BYPASS PUMPING TO CONDUCT THIS WORK.
3. THE OWNER WILL MAKE ONE BASIN AVAILABLE AT A TIME FOR CONSTRUCTION, ONCE THE EFFLUENT VALVE HAS BEEN REPLACED. THE BASIN WILL NEED TO BE ISOLATED USING METAL PLATES OR BULKHEADS AND DRAINED FOR REPLACEMENT OF THE INFLUENT VALVE. BASIN MUST BE FULLY STARTED AND TURNED OVER TO THE OWNER BEFORE STARTING WORK ON THE NEXT BASIN.
4. CONTRACTOR WILL BE PERMITTED TO WORK IN ONE SETTLING BASIN AT A TIME. SETTLING BASINS ARE BELOW GRADE AND HAVE 2 LEVELS. SETTLING BASIN ACCESS FOR INSTALLATION AND REMOVAL OF EQUIPMENT IS AVAILABLE THROUGH 3'X3' ACCESS HATCHES AND NEW WATERTIGHT DOORS INSTALLED UNDER THIS CONTRACT. SEE SPECIFICATIONS AND DRAWINGS. MAJOR WORK TO BE CONDUCTED IN THE SETTLING BASINS IS AS FOLLOWS:
 - DEMOLITION OF EXISTING SLUDGE COLLECTORS AND INSTALLATION OF NEW HOSELESS CABLE VAC SLUDGE COLLECTION SYSTEM ALONG WITH ASSOCIATED PIPING AND VALVES. CABLE DRIVES AND CONTROLS ARE LOCATED OUTDOORS, ABOVE GRADE.
 - DEMOLITION OF EXISTING AND INSTALLATION OF NEW WASH DOWN MONITORS AND HOSE CONNECTIONS
 - DEMOLITION OF EXISTING AND INSTALLATION OF NEW BAFFLE WALLS
 - INSTALLATION OF NEW TURBIDITY MEASURING INSTRUMENTS IN EFFLUENT CHANNEL
 - NEW WATER TIGHT ACCESS DOORS WILL BE INSTALLED IN THE PIPE GALLERY
5. CONTRACTOR WILL BE PERMITTED TO WORK IN ONE MIXING BASIN AT A TIME CONCURRENT WITH THE ASSOCIATED SETTLING BASIN. MIXING BASINS ARE BELOW GRADE. ACCESS FOR INSTALLATION AND REMOVAL OF EQUIPMENT IS AVAILABLE THROUGH 3'X3' ACCESS HATCHES. SEE SPECIFICATIONS AND DRAWINGS. MAJOR WORK TO BE CONDUCTED IN THE MIXING BASINS IS AS FOLLOWS:
 - DEMOLITION OF EXISTING AND INSTALLATION OF NEW HORIZONTAL PADDLE FLOCCULATORS. DRIVES ARE LOCATED IN GALLERY
 - DEMOLITION OF EXISTING AND INSTALLATION OF NEW BAFFLE WALLS
 - BLOCK INFLUENT CHANNEL AND PROVIDE NEW INFLUENT OPENING IN BASIN TO CHANGE FLOW PATH
6. DEMOLISH EXISTING AND INSTALL NEW INFLUENT VALVES (1 PER BASIN). VALVES ARE LOCATED IN INFLUENT CHANNEL.

NOTES:

1. CONSTRUCTION PHASING PRESENTED ON THIS SHEET IS ONLY A GUIDE FOR BIDDING PURPOSES.
2. CONTRACTOR SHALL COORDINATE WITH OWNER. PHASING, BASIN AVAILABILITY FOR CONSTRUCTION AND PLANT SHUTDOWNS ARE AT THE OWNER'S DISCRETION.
3. CONSTRUCTION SEQUENCING IS NOT COMPREHENSIVE. CONTRACTOR SHALL SUBMIT DETAILED SEQUENCING AND SCHEDULING DOCUMENTATION THROUGH SHOP DRAWINGS. NOT ALL REQUIRED WORK IS INCLUDED HEREIN. CONTRACTOR SHALL PROVIDE ALL WORK AS SHOWN ON THE DRAWINGS AND SPECIFICATIONS.
4. WORK INCLUDED ON THIS DRAWING IS PROCESS RELATED. COORDINATE WITH OTHER DISCIPLINES TO DETERMINE ENTIRE SCOPE OF WORK AND WHEN DEVELOPING DETAILED SEQUENCING PLANS.
5. CONTRACTOR MUST ALLOW A MINIMUM OF 3 WEEKS FOR STARTUP AND TESTING FOR EACH BASIN. ONCE WORK HAS COMMENCED ON A BASIN, THE CONTRACTOR WILL NOT BE PERMITTED TO START WORK ON THE NEXT BASIN UNTIL STARTUP AND TESTING HAS BEEN APPROVED.

REVISIONS			CLARIFIER SYSTEM REHABILITATION GENERAL BASINS 1-4 CONSTRUCTION PHASING	
0	06/04/2021	100% REVIEW	NORTH JERSEY DISTRICT WATER SUPPLY COMMISSION F.A. ORECHO DRIVE PLANT	
1	07/28/2021	100% REVIEW		
2	09/24/2021	ISSUED FOR BID		
3			JACOBS ENGINEERING GROUP 412 MOUNT KEMBLE AVE. MORRISTOWN, NEW JERSEY 07960 NJPCA 246A27990200 DRAWN BY JJW PROJECT ENG'R JJW APPROVED JNB DATE 09/24/21 PROJECT E6X94500 USE DIMENSIONS ONLY SCALE AS NOTED	
4				
5				
6				
7				
8				
			USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES	
			G-002	

Jacobs

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