

NEW WASTEWATER LIFT STATION AND FORCED MAIN

Sievers-Sandberg US Army Reserve Center

Pedricktown, New Jersey

Project No. GM-00036-5P

ABBREVIATIONS					DRAWING LIST			NOTES	VICINITY MAP																																																																
ALARM ADDITIVE BID ITEM ANCHOR BOLT ADDITIONAL ANNUNCIATOR ASPHALT BARREL BASE PLATE BATTERY LIMIT BEARING BLIND BOLT CIRCLE BOLTED BONNET BOTTOM BOTTOM OF PIPE BRACKET CAULKING CATCH BASIN CB CAST IRON PIPE CARBON STEEL PIPE CENTERLINE CENTER TO CENTER CLEAN OUT COLUMN CONCRETE CONTINUED ON DRAWING DETAIL DIAMETER DIMENSION DISCHARGE DRAIN EACH ELBOW ELEVATION ENGINEER EXISTING EXPANSION JOINT FARENHEIT FACE TO FACE FAR SIDE FEET FIREPROOFING FINISH FLOOR FLANGE FLARED END SECTION	ALM ABI AB ADD ANN ASPH BBL BP BL BRG BLD BC BB BOT BOP BRKT CLKG CB CIP CSP CL C TO C CO COL CONC COD DET DIA DIM DISCH DR EA ELEV EL ENGR EXIST EJ F F TO F FS FT FPRF FF FLG FES	FLOOR FOUNDATION GALVANIZED GAS GASKET GRADE GRADE LINE GRATING HEADER HORIZONTAL HYDRANT HOSE CONNECTION INSPECTION INVERT JOINT KILOVOLT-AMPERE KILOWATT KIP KNEE BRACE LENGTH LIQUID LEVEL CONTROLLER(S) LOCATION MANHOLE MANUFACTURER MATERIAL MAXIMUM MEDIUM MINIMUM NEAR SIDE NORTH NOT FURNISHED NOT BY FABRICATOR NOT IN CONTRACT NOT TO SCALE NUMBER OIL/WATER ON CENTERS OPPOSITE OUTSIDE DIAMETER PIECE MARK PLATE	FL FDN GALV G GSKT GR GL GRTG HDR HORIZ HYD HC INSP INV JT KVA KW K KB LG LEVEL LC LOC MH MFR MATL MAX MED MIN NS N NF NBF NIC NTS NO O/W OC OPP OD OD PC MK PL	PLATFORM POINT OF CURVE POINT OF TANGENT POINT OF INTERSECTION POINT OF VERT INTERSECTION PORTLAND CEMENT CONCRETE POUNDS PER SQUARE INCH PRESSURE RADIUS REINFORCING REINFORCED CONCRETE PIPE RELIEF VALVE RIGHT HAND ROOM SAFETY VALVE SAMPLE CONNECTION SCHEDULE SEPARATORS SANITARY SEWER STORM SEWER SQUARE FT. STATION STEEL STIFFENER STRUCTURAL SUCTION SWITCH TANGENT TANGENT LINE TELEPHONE TEMPERATURE THICK TOP OF STEEL TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE VALVE VALVE POSITIONER VENTILATE VERTICAL WORKING POINT WATER WATER VALVE	PLATF PC PT PI PVI PCC PSI PRESS R REINF RCP PSV RH RM PSV SC SCH SEP SAN ST SO FT STA STL STIFF STR SUCT SW TAN TL T TEMP THK TOS TYP U UNO V VA POS VENT VERT WP W WV	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">DRAWING No.</th> <th style="text-align: center;">TITLE</th> <th style="text-align: center;">SHT No.</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">T-1</td><td>TITLE SHEET</td><td style="text-align: center;">1</td></tr> <tr><td style="text-align: center;">T-2</td><td>AREA PLAN</td><td style="text-align: center;">2</td></tr> <tr><td style="text-align: center;">B-1</td><td>SOIL BORING PLAN</td><td style="text-align: center;">3</td></tr> <tr><td style="text-align: center;">D-1</td><td>DEMOLITION SITE PLAN/HYDRAULIC PROFILE</td><td style="text-align: center;">4</td></tr> <tr><td style="text-align: center;">D-2</td><td>DEMOLITION OF EQUALIZATION/AERATION TANKS</td><td style="text-align: center;">5</td></tr> <tr><td style="text-align: center;">D-3</td><td>DEMOLITION OF SETTLING TANKS</td><td style="text-align: center;">6</td></tr> <tr><td style="text-align: center;">D-4</td><td>DEMOLITION OF SLUDGE HOLDING TANK W/ CHLORINE AND CARBON SLURRY SYSTEMS</td><td style="text-align: center;">7</td></tr> <tr><td style="text-align: center;">D-5</td><td>DEMOLITION OF CONTROL HOUSE/AIR SCOUR BLOWER ASSEMBLY</td><td style="text-align: center;">8</td></tr> <tr><td style="text-align: center;">D-6</td><td>DEMOLITION OF PUMP STATION 002</td><td style="text-align: center;">9</td></tr> <tr><td style="text-align: center;">C-1</td><td>SITE PLAN</td><td style="text-align: center;">10</td></tr> <tr><td style="text-align: center;">C-2</td><td>SITE PLAN</td><td style="text-align: center;">11</td></tr> <tr><td style="text-align: center;">C-3</td><td>SITE PLAN</td><td style="text-align: center;">12</td></tr> <tr><td style="text-align: center;">C-4</td><td>SITE PLAN</td><td style="text-align: center;">13</td></tr> <tr><td style="text-align: center;">C-5</td><td>SITE PLAN</td><td style="text-align: center;">14</td></tr> <tr><td style="text-align: center;">C-6</td><td>SECTIONS & DETAILS</td><td style="text-align: center;">15</td></tr> <tr><td style="text-align: center;">C-7</td><td>SEDIMENT & EROSION CONTROL NOTES & DETAILS</td><td style="text-align: center;">16</td></tr> <tr><td style="text-align: center;">C-8</td><td>LIFT STATION</td><td style="text-align: center;">17</td></tr> <tr><td style="text-align: center;">E-1</td><td>EXISTING LIFT STATION ELECTRICAL-POWER PLAN AND ONE LINE DIAGRAM</td><td style="text-align: center;">18</td></tr> </tbody> </table>	DRAWING No.	TITLE	SHT No.	T-1	TITLE SHEET	1	T-2	AREA PLAN	2	B-1	SOIL BORING PLAN	3	D-1	DEMOLITION SITE PLAN/HYDRAULIC PROFILE	4	D-2	DEMOLITION OF EQUALIZATION/AERATION TANKS	5	D-3	DEMOLITION OF SETTLING TANKS	6	D-4	DEMOLITION OF SLUDGE HOLDING TANK W/ CHLORINE AND CARBON SLURRY SYSTEMS	7	D-5	DEMOLITION OF CONTROL HOUSE/AIR SCOUR BLOWER ASSEMBLY	8	D-6	DEMOLITION OF PUMP STATION 002	9	C-1	SITE PLAN	10	C-2	SITE PLAN	11	C-3	SITE PLAN	12	C-4	SITE PLAN	13	C-5	SITE PLAN	14	C-6	SECTIONS & DETAILS	15	C-7	SEDIMENT & EROSION CONTROL NOTES & DETAILS	16	C-8	LIFT STATION	17	E-1	EXISTING LIFT STATION ELECTRICAL-POWER PLAN AND ONE LINE DIAGRAM	18	<p>THE INTENT OF THE CONTRACT DOCUMENTS, INCLUDING PLANS AND SPECIFICATIONS, IS TO PROVIDE DETAILED INFORMATION TO ENABLE THE CONTRACTOR TO PROVIDE A NEW FORCE MAIN SEWER SYSTEM WITH LIFT STATION AND AUXILLIARY EQUIPMENT. THE CONTRACT DOCUMENTS ARE BASED ON "GENERIC" EQUIPMENT LAYOUT INCLUDING ARRANGEMENT AND DIMENSIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM FINAL DESIGN SERVICES AS REQUIRED TO ADJUST THE DETAILS OF THE DESIGN TO ACCOMMODATE THE ACTUAL EQUIPMENT UNITS PURCHASED. THIS FINAL DESIGN INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING: FOUNDATION ARRANGEMENT INCLUDING ADEQUACY OF FOUNDATION SYSTEM TO SUPPORT THE UNIT'S STATIC AND HYDRAULIC FORCES, INTERCONNECTING PIPING BETWEEN EACH PIECE OF EQUIPMENT, INTERCONNECTING PIPING TO ALL UTILITY TIE-IN LOCATIONS AND INTERCONNECTING WIRING FOR POWER, INSTRUMENTATION, AUTOMATION AND CONTROLS.</p>	<p style="text-align: right;">NJ013_0108</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">SYMBOL</th> <th style="text-align: center;">DESCRIPTION</th> <th style="text-align: center;">DATE</th> <th style="text-align: center;">APPROVED</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center;">REVISIONS</td> </tr> </tbody> </table>	SYMBOL	DESCRIPTION	DATE	APPROVED	REVISIONS			
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