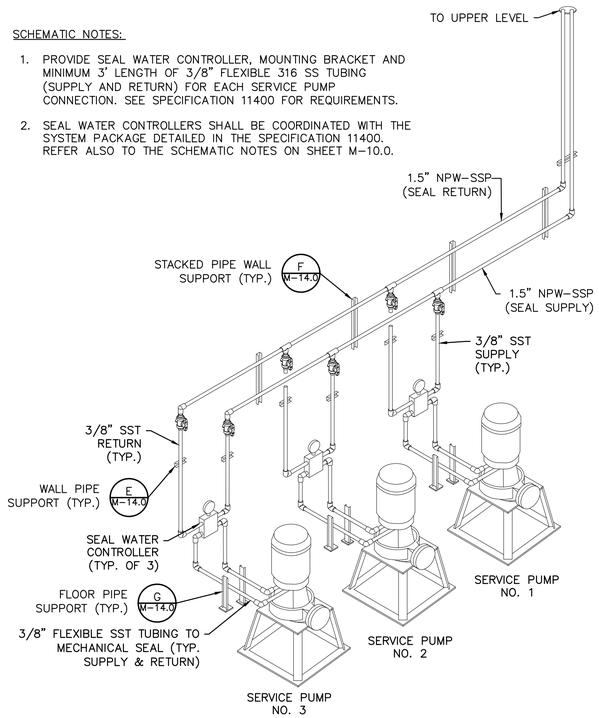
SCHEMATIC NOTES:

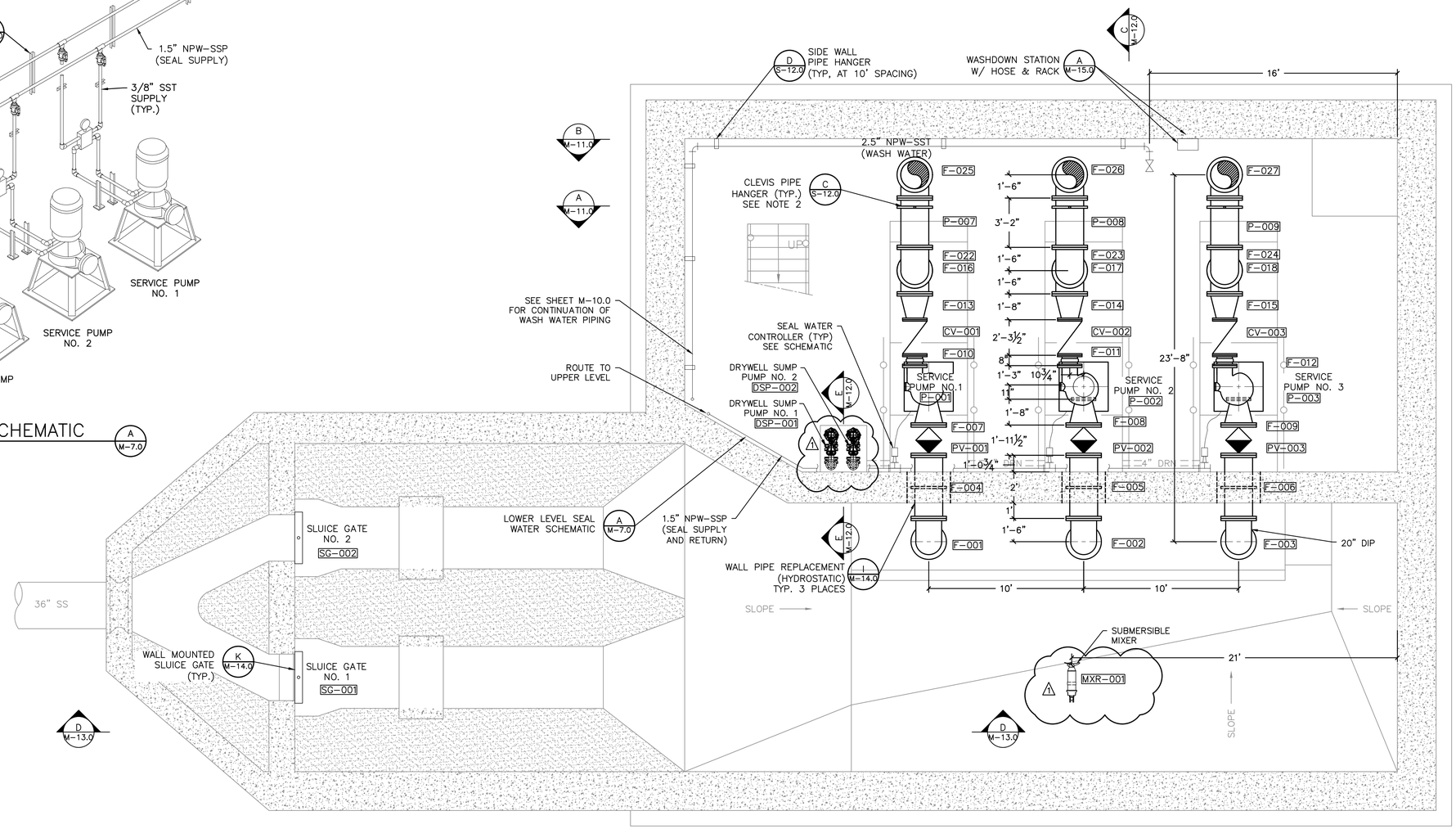
1. PROVIDE SEAL WATER CONTROLLER, MOUNTING BRACKET AND MINIMUM 3' LENGTH OF 3/8" FLEXIBLE 316 SS TUBING (SUPPLY AND RETURN) FOR EACH SERVICE PUMP CONNECTION. SEE SPECIFICATION 11400 FOR REQUIREMENTS.
2. SEAL WATER CONTROLLERS SHALL BE COORDINATED WITH THE SYSTEM PACKAGE DETAILED IN THE SPECIFICATION 11400. REFER ALSO TO THE SCHEMATIC NOTES ON SHEET M–10.0.



LOWER LEVEL SEAL WATER SCHEMATIC

SCALE: NONE

A M–7.0



PLAN

SCALE: 1/4" = 1'–0"

0 4 8

GRAPHIC SCALE

PLAN NOTES:

1. PROVIDE DETAILED, DIMENSIONED, AND TO–SCALE LAYOUT DRAWINGS OF ALL EQUIPMENT, PIPING AND RELATED ACCESSORIES. REFER TO SPECIFICATION 01300 FOR CONTRACTOR SUBMITTAL REQUIREMENTS.
2. COORDINATE HANGER LOCATIONS WITH PIPE FLANGE CONNECTION REQUIREMENTS AND BEAM LOCATIONS (SEE SHEET S–2.0)
3. REFER TO EQUIPMENT, PIPE, FITTING, AND VALVE SCHEDULES ON SHEET M–13.0.
4. INTERIOR PIPING LARGER THAN 4–INCHES DIAMETER SHALL BE CLASS 53, FLANGED, DUCTILE IRON, WITH 316 SS BOLTS AND NUTS WITH THREADS COATED IN "NEVER–SEIZE" TYPE COATING.
5. DUCTILE IRON PIPE AND FITTINGS SHALL BE EPOXY–LINED IN CONFORMANCE WITH SECTION 429 OF THE CURRENT JEA WATER AND WASTEWATER STANDARDS.
6. ALL ABOVE GROUND DUCTILE IRON PIPE, FITTINGS, AND VALVES SHALL BE EXTERIOR–COATED AS FOLLOWS: SERIES N140–1211 POTA–POX PLUS PRIME COAT (6 TO 8 MILS DFT), SERIES 66 EPOXOLINE INTERMEDIATE COAT (3 TO 5 MILS DFT), AND SERIES 1074 ENDURA–SHIELD II FINISH COAT (2 TO 3 MIL DFT). TOTAL DRY FILM THICKNESS SHALL BE 11 TO 16 MILS (EXCLUDING SHOP PRIMER).

NO.	BY	DATE	REVISIONS
6			
5			
4			
3			
2	DRS	5/19	PER ADDENDUM NO. 2
1			

Constantine Engineering

DESIGNER: BH
DRAWN BY: TCG
DATE: FEB 19
CHECKED BY: KV
DATE:

DESIGN ENGINEER: KARTIK VAITH, PE
FLORIDA REGISTRATION NO. 45142

JEA Building Community sm

180-48 BM 5301 Buffalo Avenue
Pump Station Rehabilitation

LOWER LEVEL PROCESS PLAN

PROJ. NO.	100431.17
DATE:	MAR. 2019
SCALE:	AS SHOWN
NO. SHEETS	
SHEET NO.	
DRAWING NO.	M–7.0

THIS BLOCK HAS ATTRIBUTES – DO NOT EXPLODE THIS BLOCK

Xrefs Attached= BUFFALO PS TITLE SHEET [..\08 XREFS\BUFFALO PS TITLE SHEET.dwg]
Z:\Project Files\100431.17 Buffalo Ave PS Upgrade 083–17\300 Design\390 Final Drawings (Revised)\02 MECHANICAL\m– mechnicol.dwg Current Layout Tab = M–7.0 Fri May 31, 2019 – 10:48