

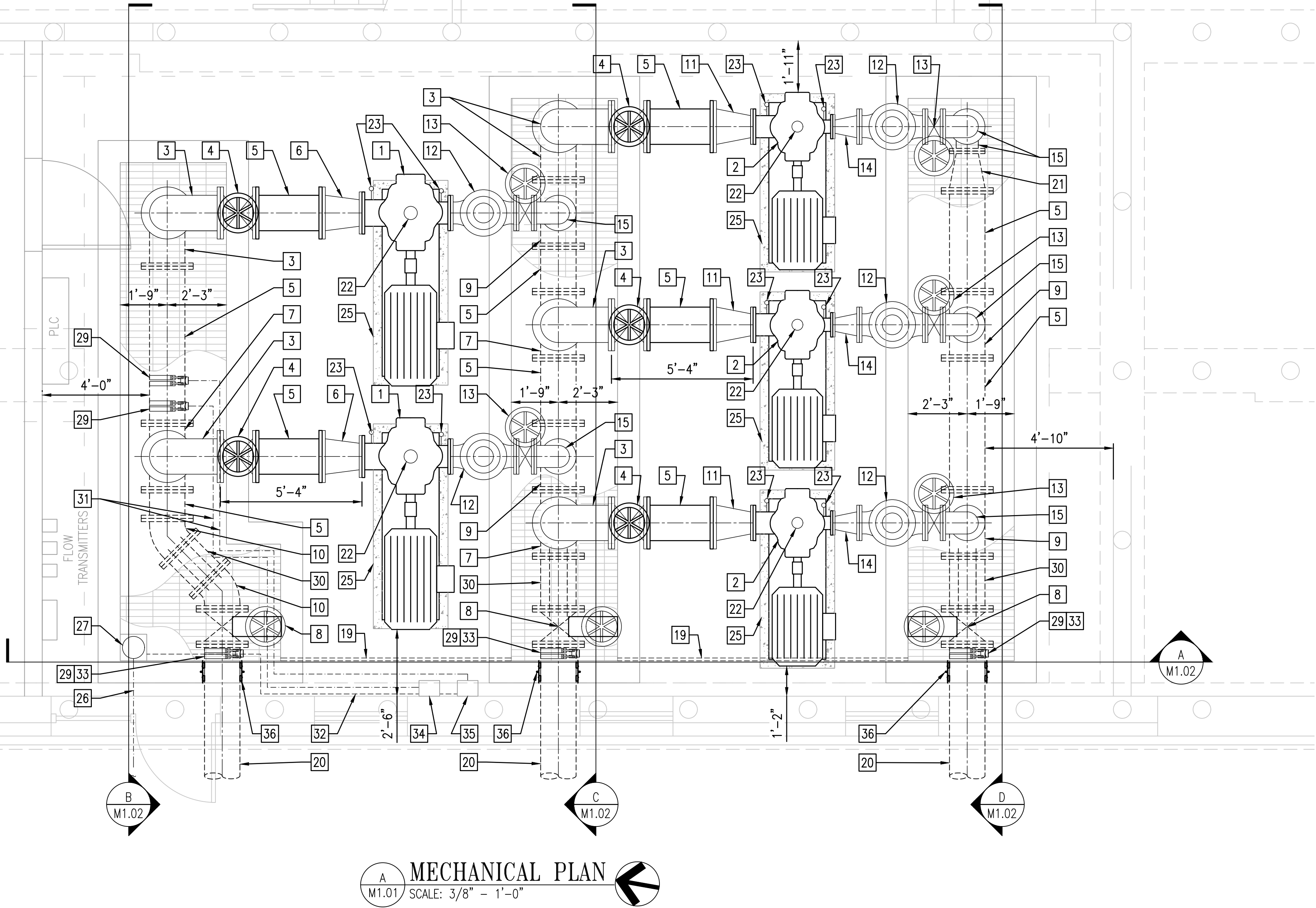
GENERAL SHEET NOTES

1. REFER TO M0.01 FOR GENERAL NOTES, ABBREVIATIONS AND SYMBOLS.

SHEET KEYNOTES

SOME ITEMS MAY NOT BE SHOWN IN THESE VIEWS.

- 1 250 HP LOW-LIFT PUMP
2 150 HP HIGH-LIFT PUMP
3 16" FLG DI LONG RADIUS 90° BEND
4 16" FLG DI GATE VALVE
5 16" FLGxFLG DI PIPE
6 16"x12" FLG DI ECCENTRIC REDUCER
7 16"x16" FLG DI TEE
8 16" FLG DI BUTTERFLY VALVE
9 16"x10" FLG DI TEE
10 16" FLG DI 45° BEND
11 16"x10" FLG DI ECCENTRIC REDUCER
12 10" FLG DI PUMP CONTROL VALVE
13 10" FLG DI BUTTERFLY VALVE
14 10"x6" FLG DI CONCENTRIC REDUCER
15 10" FLG DI SHORT RADIUS 90° BEND
16 10" FLGxFLG DI PIPE
17 30" DI INDICATING FLOOR STAND WITH WALL BRACKET
18 FLANGED-TYPE PIPE SUPPORT, SEE DETAIL ON M4.01
19 2" PVC DRAIN
20 16" FLGxPE DI
21 16"x10" FLG DI CONCENTRIC REDUCER
22 AIR RELEASE ASSEMBLY, SEE DETAIL ON M4.01
23 PRESSURE GAUGE ASSEMBLY, SEE DETAIL ON M4.01
24 ½" PVC DRAIN TO SUMP
25 EQUIPMENT SUPPORT PAD, SEE STRUCTURAL
26 1½" PVC SUMP PUMP FORCE MAIN, SEE CIVIL
27 16"x16"x6" SUMP/PUMP, SEE DETAIL ON M4.01
28 CRADLE-TYPE PIPE SUPPORT, SEE DETAIL ON M4.01
29 TAPPING SADDLE, ROMAC 202NSSU, OR EQUAL
30 16" FLG DI DISMANTLING JOINT WITH SS RODS
31 1" SS INLET TUBING, 1" SS BALL VALVE
32 ½" PVC DRAIN TO SUMP
33 PRESSURE TRANSMITTER, SEE INSTRUMENTATION
34 CHLORINE ANALYZER, SEE INSTRUMENTATION
35 FLUORIDE ANALYZER, SEE INSTRUMENTATION
36 WALL PENETRATION, SEE DETAIL ON M4.01



0 1' 2' 3' 5'
SCALE: 3/8" = 1'-0"



WESTERN VIRGINIA WATER AUTHORITY
601 South Jefferson Street, Suite 300
Roanoke, Virginia 24011

DES: KNA
DRAWN: GSL
CHECK: JWA
DATE: 1/24/20

SCALE: 3/8" = 1'-0"
HORIZ: N/A
VERT: N/A

CRYSTAL SPRING
PUMP STATION RELOCATION

MECHANICAL PLAN

DRAWING
M1.01

SHEET

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