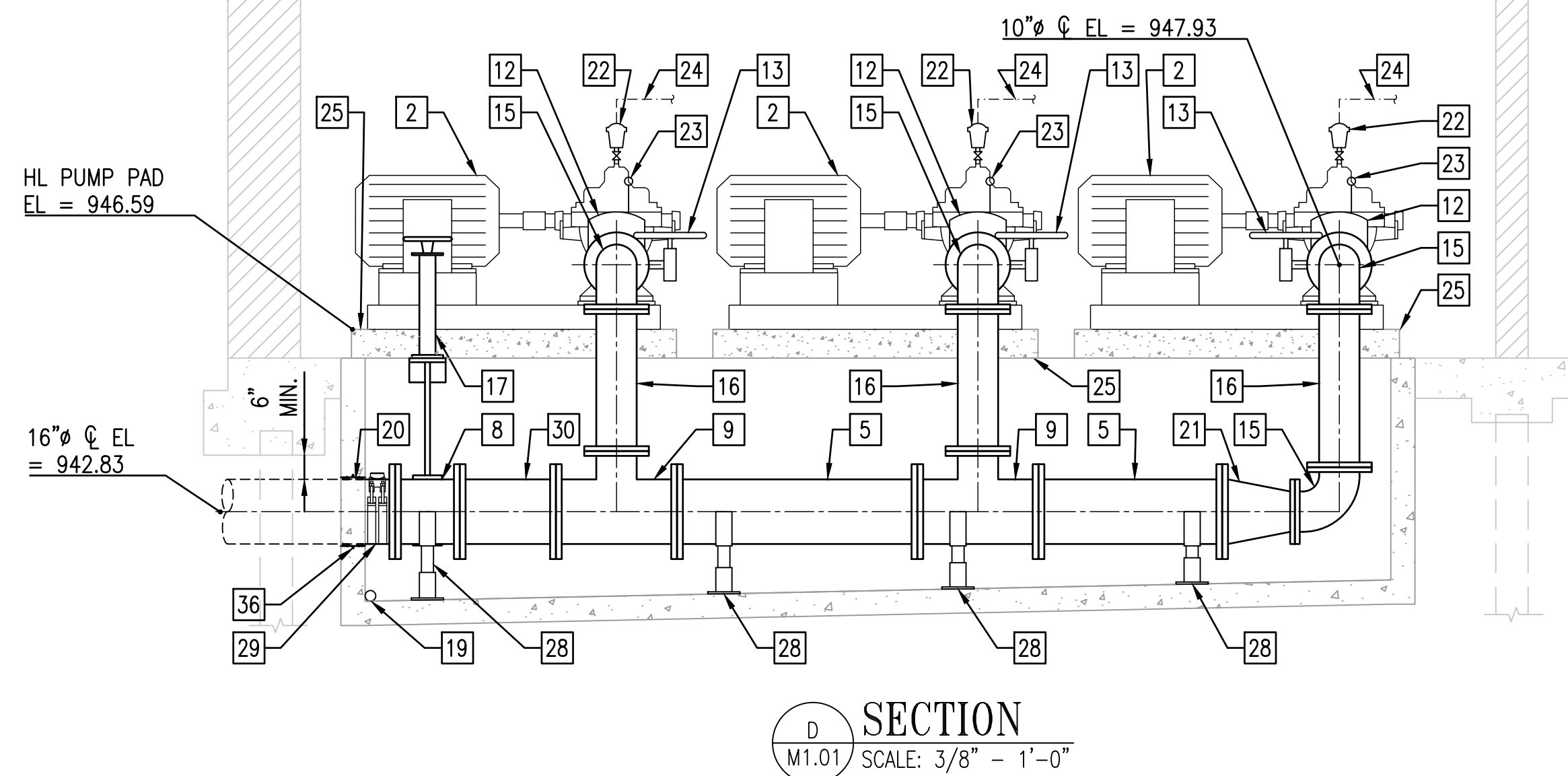
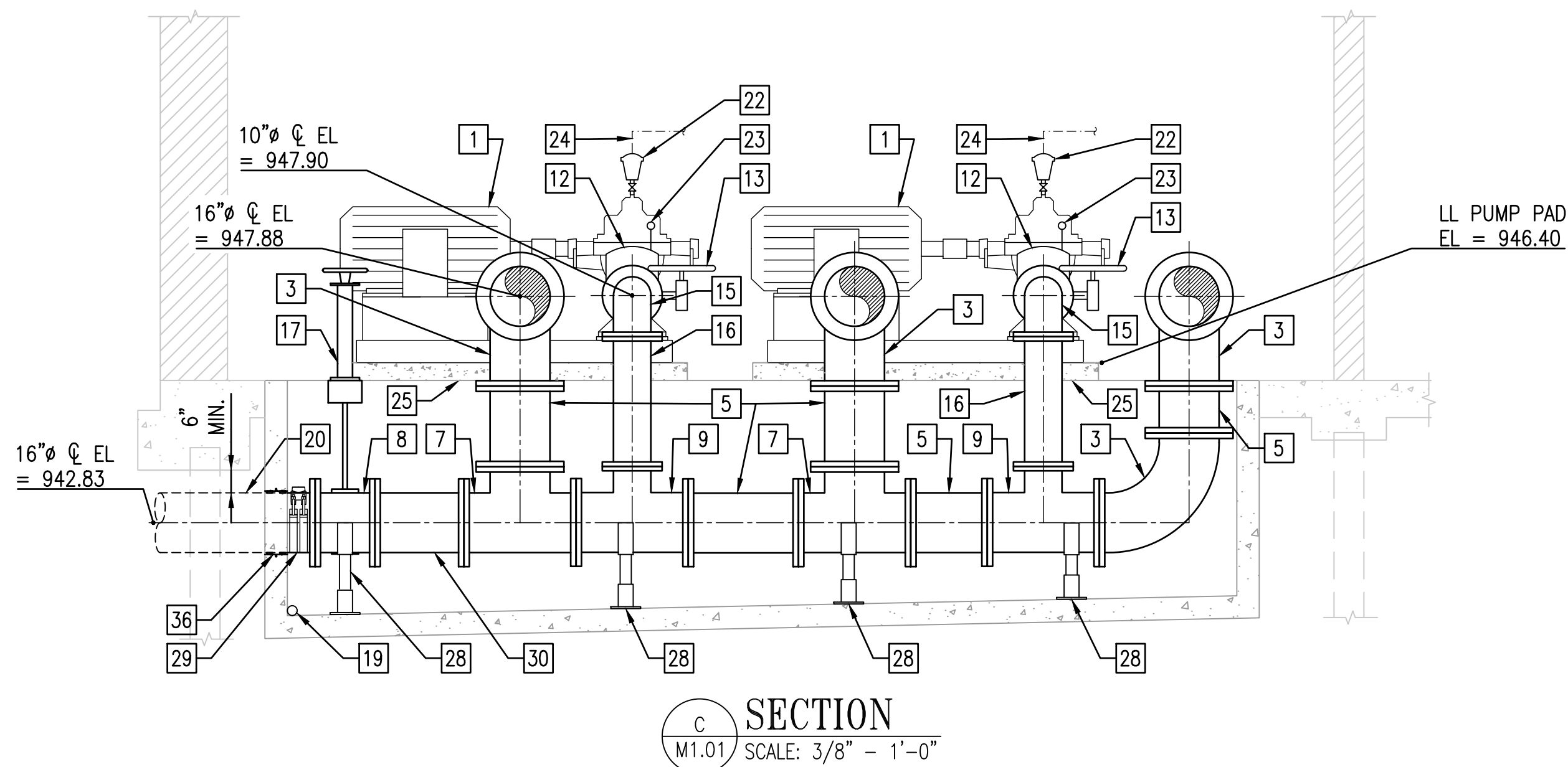
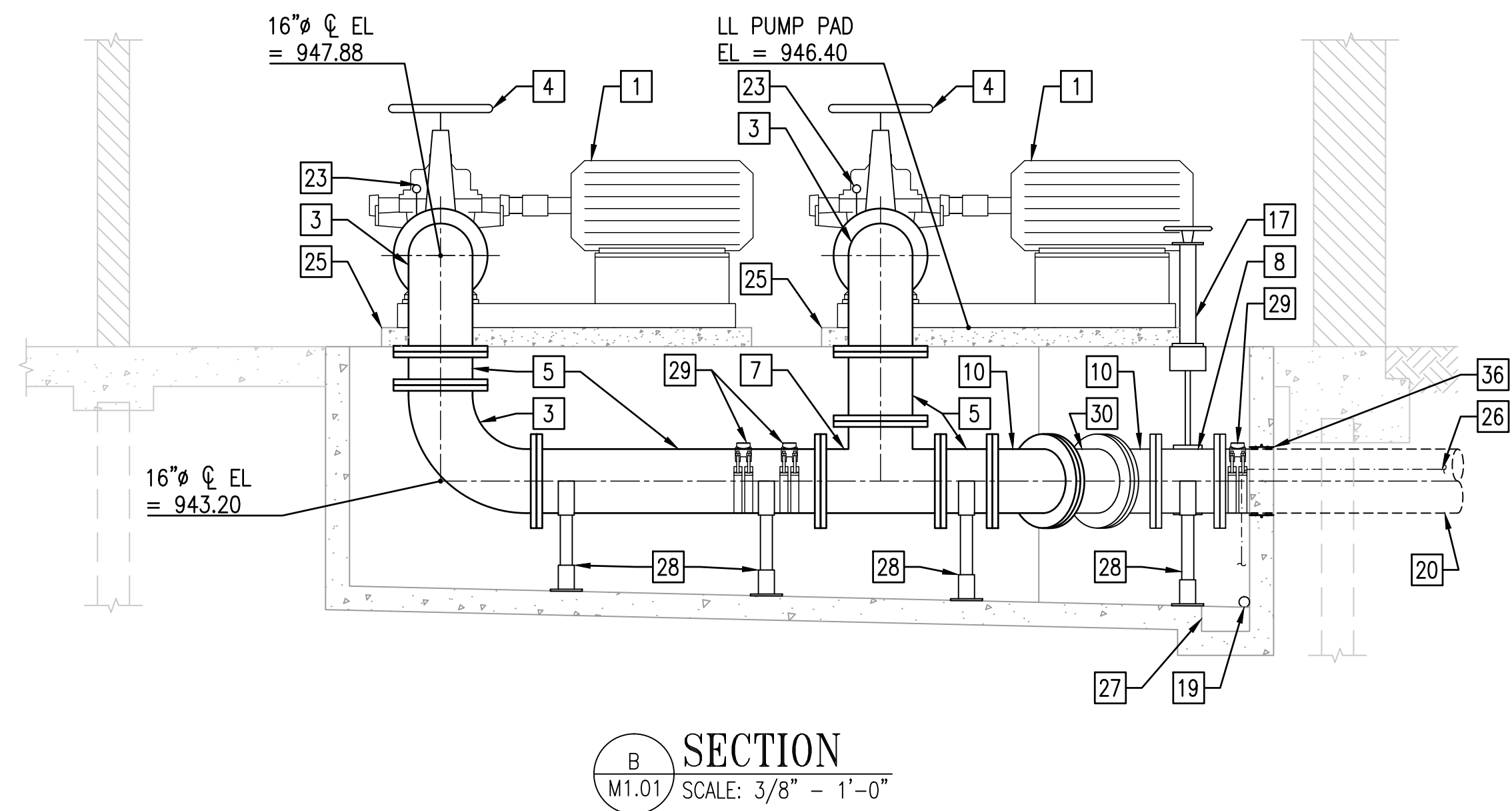
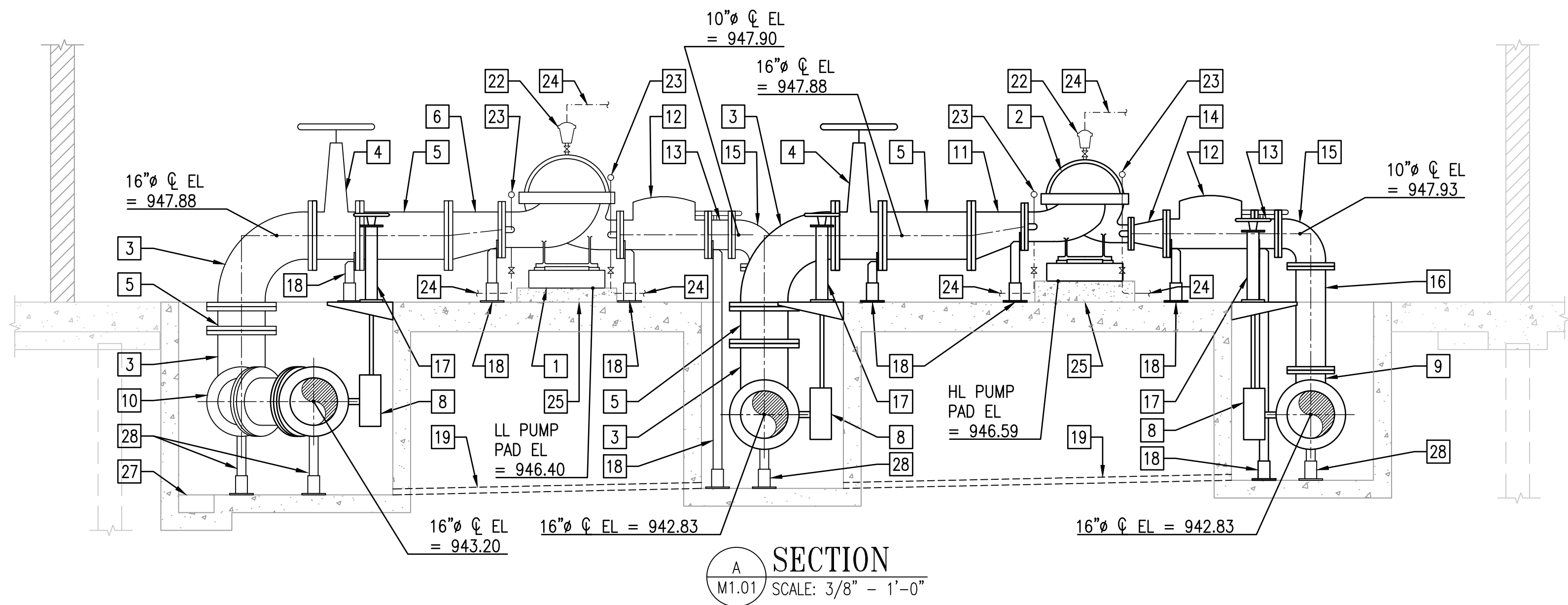




GENERAL SHEET NOTES

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

SHEET KEYNOTES

SOME ITEMS MAY NOT BE SHOWN IN THESE VIEWS.

- 250 HP LOW-LIFT PUMP
- 150 HP HIGH-LIFT PUMP
- 16" FLG DI LONG RADIUS 90° BEND
- 16" FLG DI GATE VALVE
- 16" FLGxFLG DI PIPE
- 16"x12" FLG DI ECCENTRIC REDUCER
- 16"x16" FLG DI TEE
- 16" FLG DI BUTTERFLY VALVE
- 16"x10" FLG DI TEE
- 16" FLG DI 45° BEND
- 16"x10" FLG DI ECCENTRIC REDUCER
- 10" FLG DI PUMP CONTROL VALVE
- 10" FLG DI BUTTERFLY VALVE
- 10"x6" FLG DI CONCENTRIC REDUCER
- 10" FLG DI SHORT RADIUS 90° BEND
- 10" FLGxFLG DI PIPE
- 30" DI INDICATING FLOOR STAND WITH WALL BRACKET
- FLANGED-TYPE PIPE SUPPORT, SEE DETAIL ON M4.01
- 2" PVC DRAIN
- 16" FLGxPE DI
- 16"x10" FLG DI CONCENTRIC REDUCER
- AIR RELEASE ASSEMBLY, SEE DETAIL ON M4.01
- PRESSURE GAUGE ASSEMBLY, SEE DETAIL ON M4.01
- ½" PVC DRAIN TO SUMP
- EQUIPMENT SUPPORT PAD, SEE STRUCTURAL
- 1½" PVC SUMP PUMP FORCE MAIN, SEE CIVIL
- 16"x16"x6" SUMP/PUMP, SEE DETAIL ON M4.01
- CRADLE-TYPE PIPE SUPPORT, SEE DETAIL ON M4.01
- TAPPING SADDLE, ROMAC 202NSSU, OR EQUAL
- 16" FLG DI DISMANTLING JOINT WITH SS RODS
- 1" SS INLET TUBING, 1" SS BALL VALVE
- ½" PVC DRAIN TO SUMP
- PRESSURE TRANSMITTER, SEE INSTRUMENTATION
- CHLORINE ANALYZER, SEE INSTRUMENTATION
- FLUORIDE ANALYZER, SEE INSTRUMENTATION
- 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 SECTIONS

DRAWING
M1.02

SHEET
42