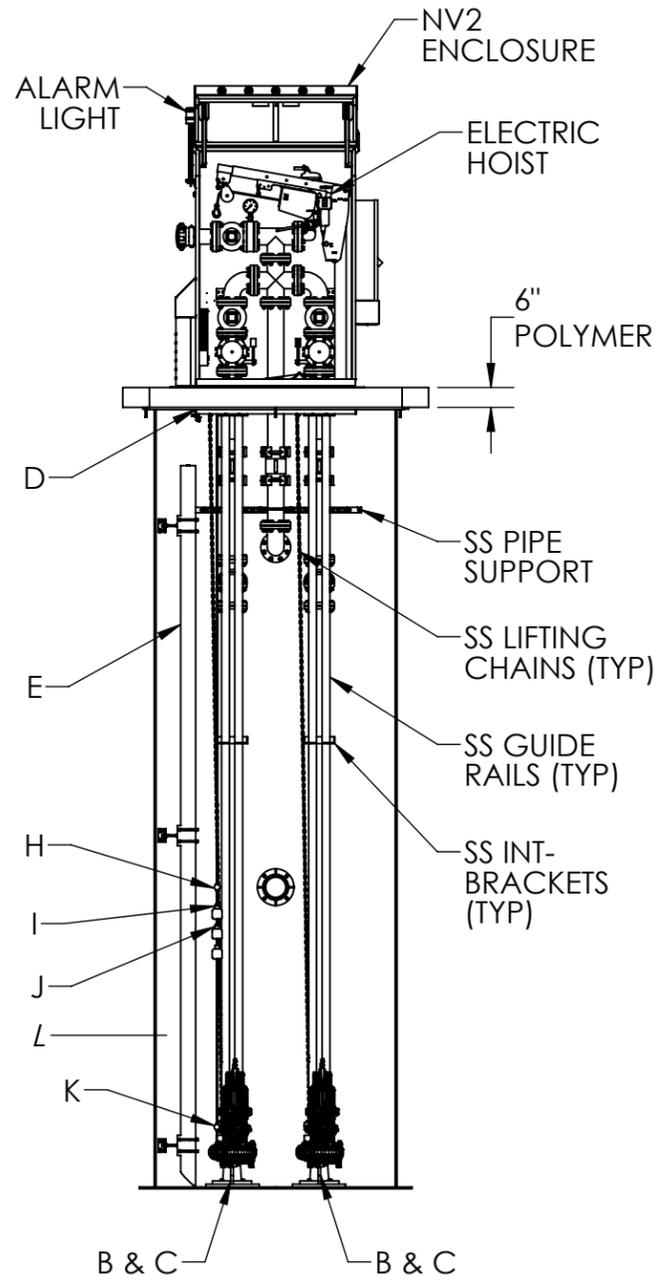


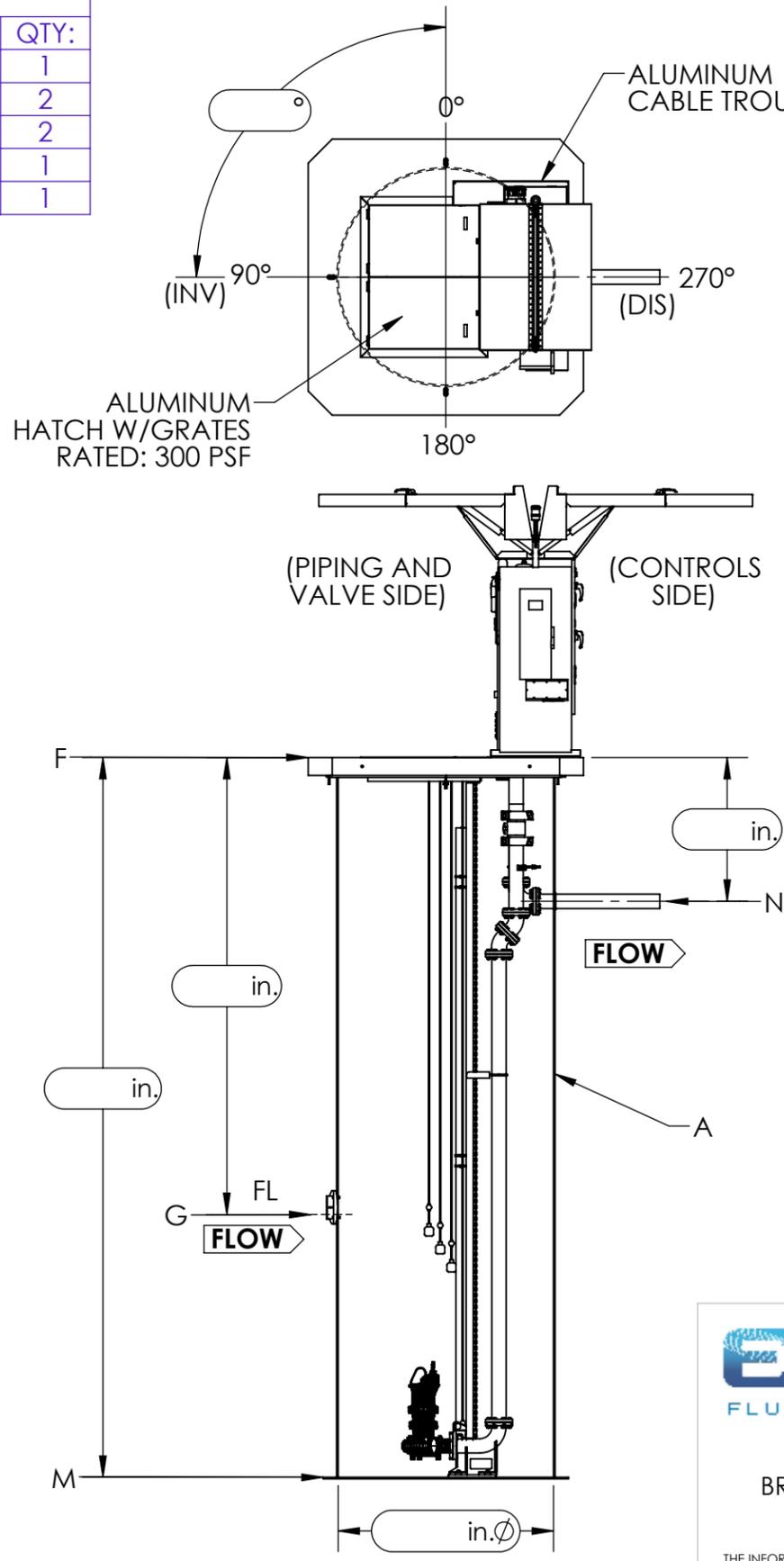
EXCEL FLUID GROUP PUMP STATION		
ITEM:	DESCRIPTION:	QTY:
A	FRP BASIN (Ø60", Ø72", OR Ø96")	1
B	SUBMERSIBLE PUMP	2
C	BASE ELBOW	2
D	FLOAT BRACKET ASM (#FLOATS OPTIONAL)	1
E	TRANSDUCER W/STILLING TUBE ASM (OPTIONAL)	1

NOTE:  
1) CONFIRM INVERT PIPE SIZE, MATERIAL, AND ORIENTATION

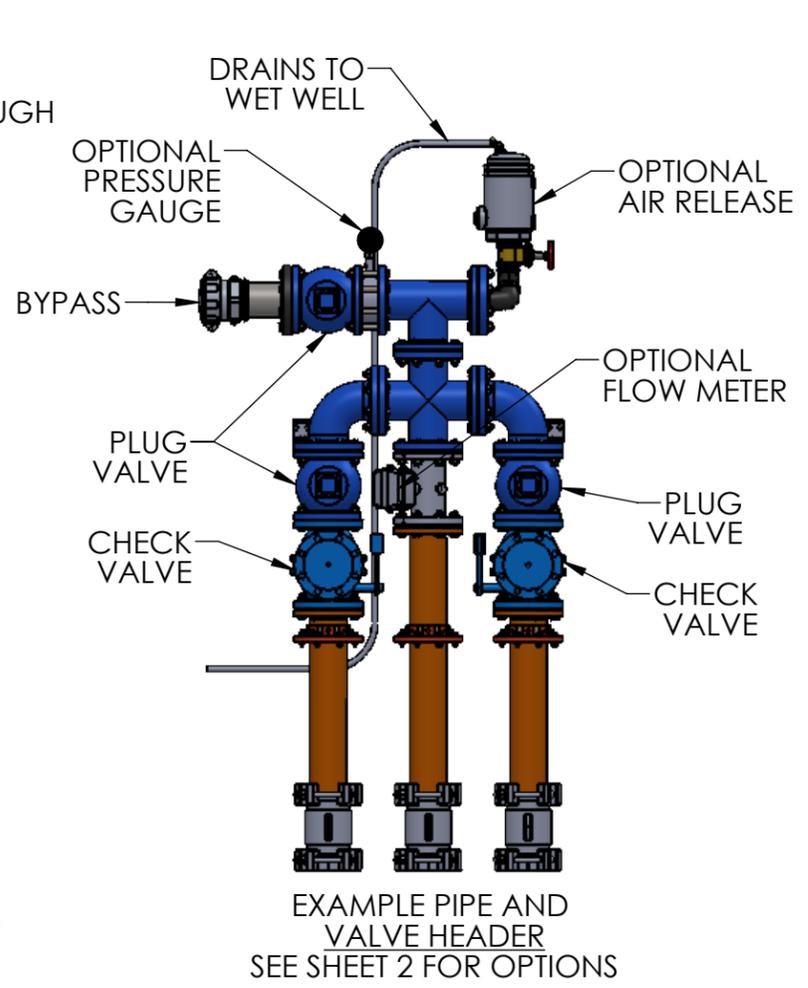
B



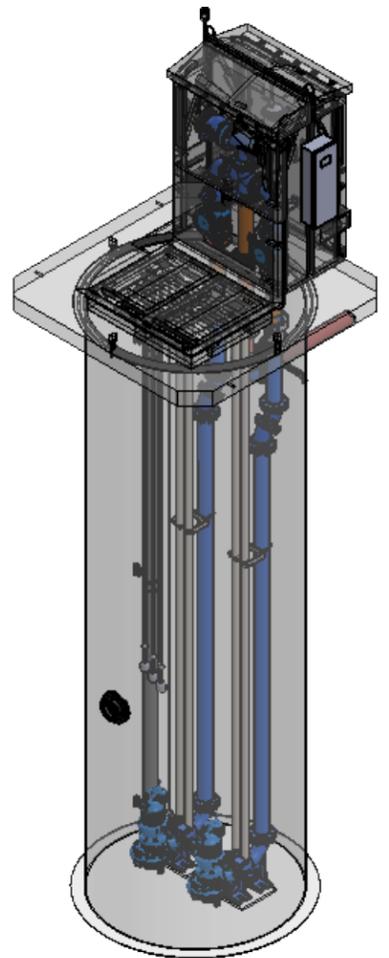
3



2



1



B

A

EXCEL FLUID GROUP STATION ELEVATION TABLE		
ITEM:	DESCRIPTION:	ELEVATION
F	TOP OF STATION	
G	INVERT (CONFIRM SIZE/TYPE)	
H	HIGH WATER ALARM FLOAT	
I	LAG PUMP ON FLOAT	
J	LEAD PUMP ON FLOAT	
K	PUMPS OFF FLOAT	
L	FLOAT (OPTIONAL 5TH FLOAT)	
M	FLOOR OF WELL	
N	DISCHARGE	

A

5350 WEST 137TH ST.  
BROOK PARK, OH 44142

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UNLESS OTHERWISE SPECIFIED: TITLE:

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL: ±1/16"  
ANGULAR: ±0.5°  
DECIMAL: ±.06

DRAWN BY:

DATE: 11/21/22

SCALE: 1:55

DO NOT SCALE DRAWING

**ASM, DUPLEX FRP NV2 PUMP STATION**

DWG. NO. **7200036**

SIZE: **B** REV: **0** SHEET: **1 of 2**

4

3

2

1

4

3

2

1

EXCEL FLUID GROUP NV2 PUMP STATION SELECTIONS:

**NV2 ENCLOSURE WRAP SELECTION**

NV2 ALUMINUM	NV2
NV2 ARBORVITAE	NV2A
NV2 SANDSTONE	NV2S
NV2 BRICK	NV2B

**PIPE AND VALVE SIZE (IN) SELECTION**

2" PIPE SIZE	2
3" PIPE SIZE	3
4" PIPE SIZE	4

**WET WELL AND HEADER PIPE & DISCHARGE MATERIAL SELECTION**

DUCTILE IRON	D
HDPE	H
STAINLESS STEEL (304)	S
PVC (SCH80)	P

**WET WELL SIZE SELECTION (DIA" X DEPTH") - SEE NOTE 1**

EXAMPLE: Ø72" X 96" DEEP = 7296	(DIGITS)
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**PIPE HEADER AND VALVE SELECTION - SEE NOTE 2**

BYPASS	01
BYPASS, AIR RELEASE	02
BYPASS, DIGITAL GAUGE	03
BYPASS, AIR RELEASE, DIGITAL GAUGE	04
BYPASS, FLOW METER	05
BYPASS, FLOW METER, DIGITAL GAUGE	06
BYPASS, FLOW METER, AIR RELEASE	07
BYPASS, FLOW METER, AIR RELEASE, DIGITAL GAUGE	08
BYPASS, DIAL GAUGE	09
BYPASS, AIR RELEASE, DIAL GAUGE	10
BYPASS, FLOW METER, DIAL GAUGE	11
BYPASS, FLOW METER, AIR RELEASE, DIAL GAUGE	12

**SUBMERSIBLE PUMP BRAND SELECTION**

SUBMERSIBLE PUMP BRAND	(WRITE-IN)
------------------------	------------

**SUBMERSIBLE PUMP TYPE SELECTION**

GRINDER PUMP	GR
EXPLOSION PROOF GRINDER PUMP	XGR
SEWAGE EJECTOR PUMP	EJ
EXPLOSION SEWAGE EJECTOR PUMP	XEJ
NON-CLOG PUMP	NC
EXPLOSION PROOF NON-CLOG PUMP	XXNC
AIR FILLED SOLIDS HANDLING PUMP	ASH
EXPLOSION PROOF AIR FILLED SOLID HANDLING PUMP	XASH
AIR FILLED CHOPPER PUMP	ASC
EXPLOSION PROOF AIR FILLED CHOPPER PUMP	XASC
OIL FILLED SOLIDS HANDLING PUMP	OSH
EXPLOSION PROOF OIL FILLED SOLIDS HANDLING PUMP	XOSH
OIL FILLED CHOPPER PUMP	OSC

Additional Comments (Preferences, etc.):

**LEVEL CONTROL SELECTIONS**

4 FLOAT LEVEL CONTROL	4F
5 FLOAT LEVEL CONTROL	5F
SUBMERSIBLE TRANSDUCER LEVEL CONTROL	T
SUBMERSIBLE TRANSDUCER LEVEL CONTROL w/2 FLOAT BACKUP	T2F
SUBMERSIBLE TRANSDUCER LEVEL CONTROL w/4 FLOAT BACKUP	T4F

**INCOMING POWER SELECTION**

208 VOLT/SINGLE PHASE	208V1PH
208 VOLT/THREE PHASE	208V3PH
230 VOLT/SINGLE PHASE	230V1PH
230 VOLT/THREE PHASE	230V3PH
460 VOLT/THREE PHASE	460V3PH

**MOTOR STARTER OPTIONS SELCTION**

ACROSS THE LINE STARTERS	ATL
VARIABLE FREQUENCY DRIVES	VFD
SOFT STARTERS	SS

**FLOW & HEAD SELECTION (GPM @ TDH)**

EXAMPLE: 150 GPM @ 90 TDH = 150F90	(DIGITS)
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**ADDITIONAL ADD-ON SELECTIONS**

WET WELL AERATION BLOWER	I
AREA LIGHT	J
ALUMINUM LADDER	K
STAINLESS STEEL LADDER	L
CAST-IN STEPS	M
INLET GRINDER W/GUIDE RAILS (Ø72" MIN WELL ONLY)	N
INLET BAFFLE	O
INLET TRASH BASKET W/GUIDE RAILS	P
ELECTRICAL METER BASE	Q
DISCONNECT SWITCH	R
DIESEL GENERATOR	S
NATURAL GAS GENERATOR	T
MANUAL TRANSFER SWITCH	U
AUTOMATIC TRANSFER SWITCH	V
POWER PEDESTAL	W
GENERATOR RECEPTACLE	X

**NOTES:**

- 1) AVAILABLE WET WELL SIZES: Ø60", Ø72" OR Ø96"
- 2) ALL PIPE HEADER SELECTIONS INCLUDE CHECK VALVES AND PLUG VALVES



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TITLE:

**ASM, DUPLEX FRP  
NV2 PUMP STATION**

DWG. NO.

**7200036**

SIZE: **B**

REV: **0**

SHEET: **2 of 2**

4

3

2

1

B

B

A

A