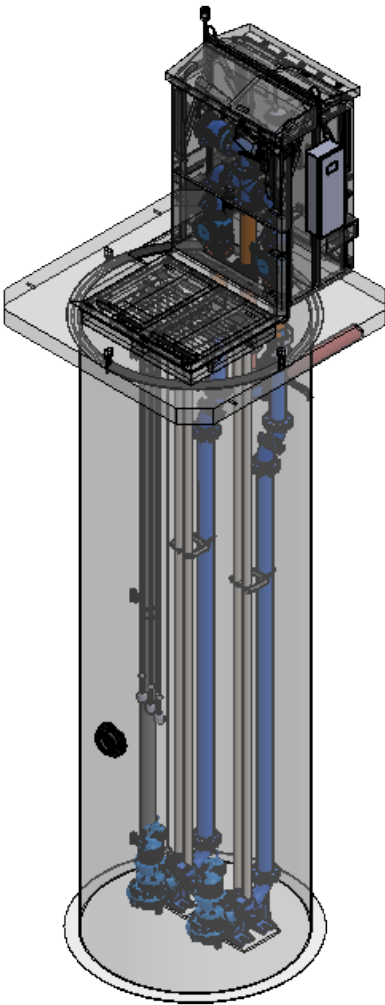
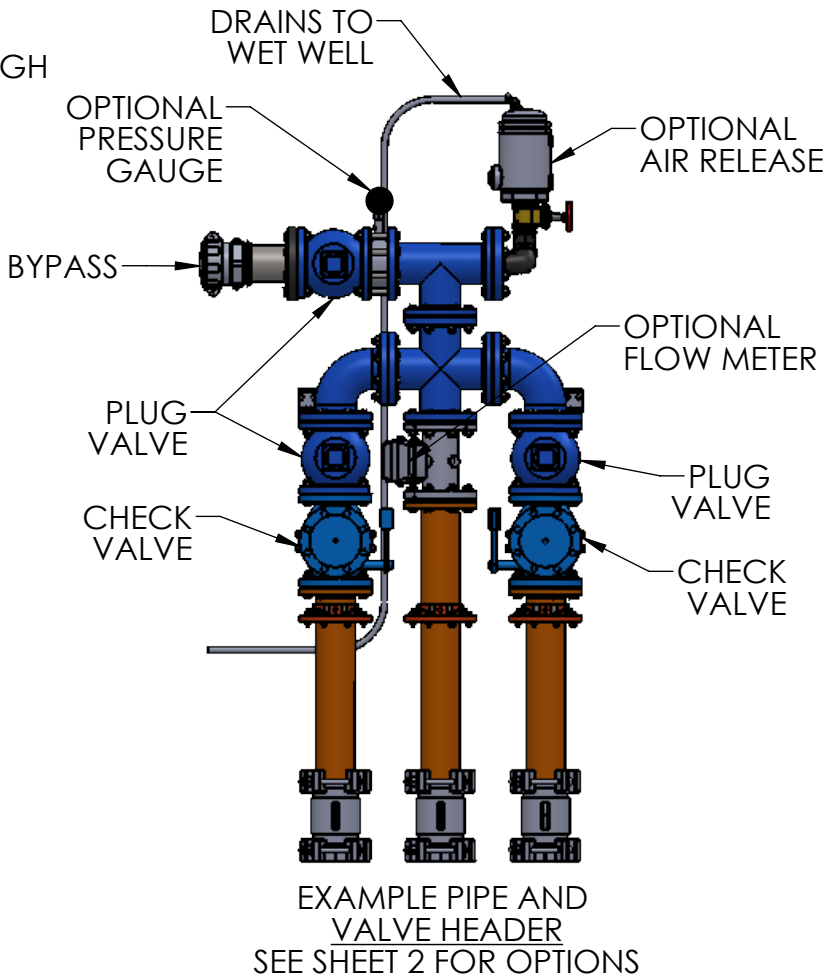
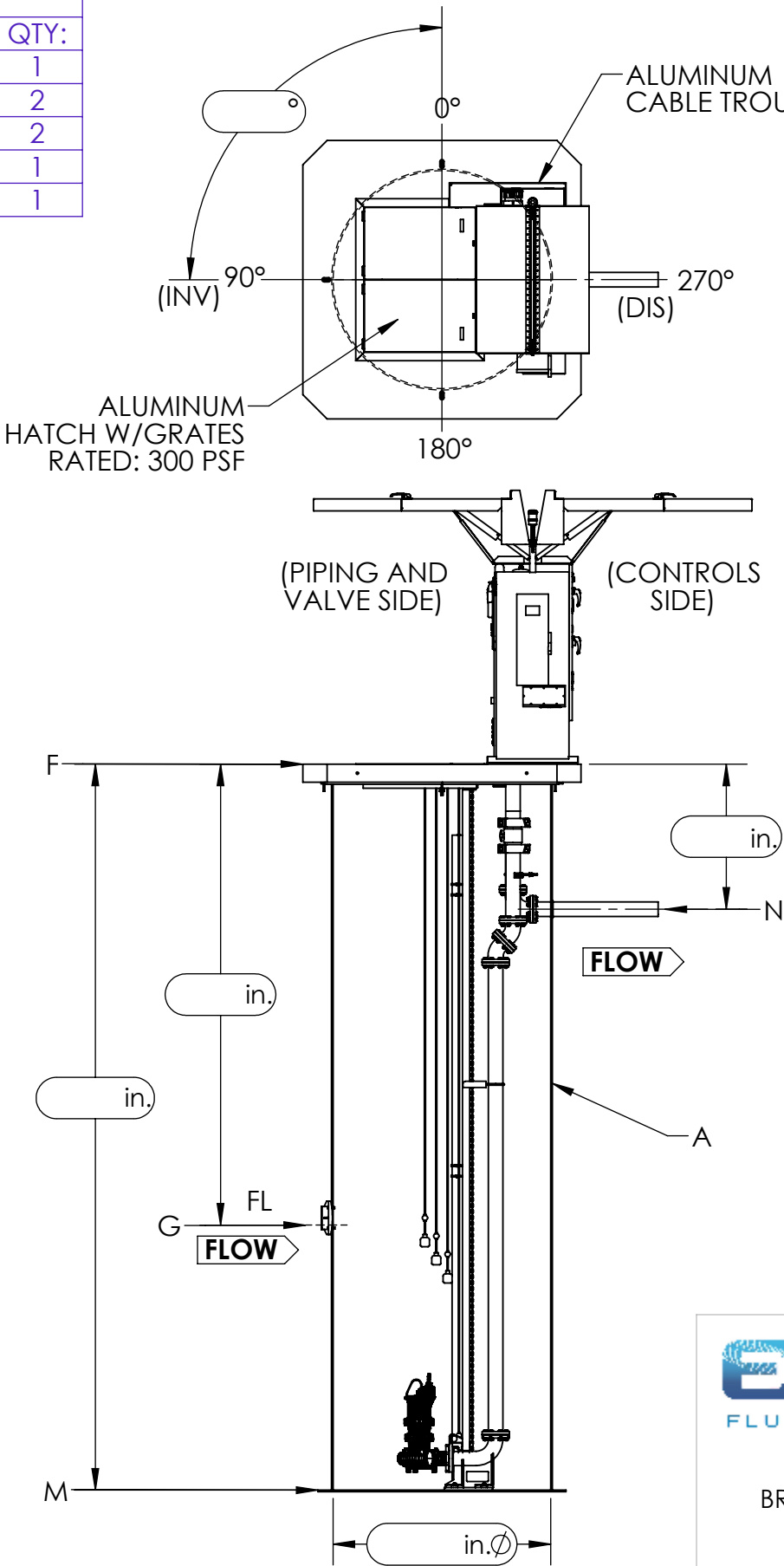
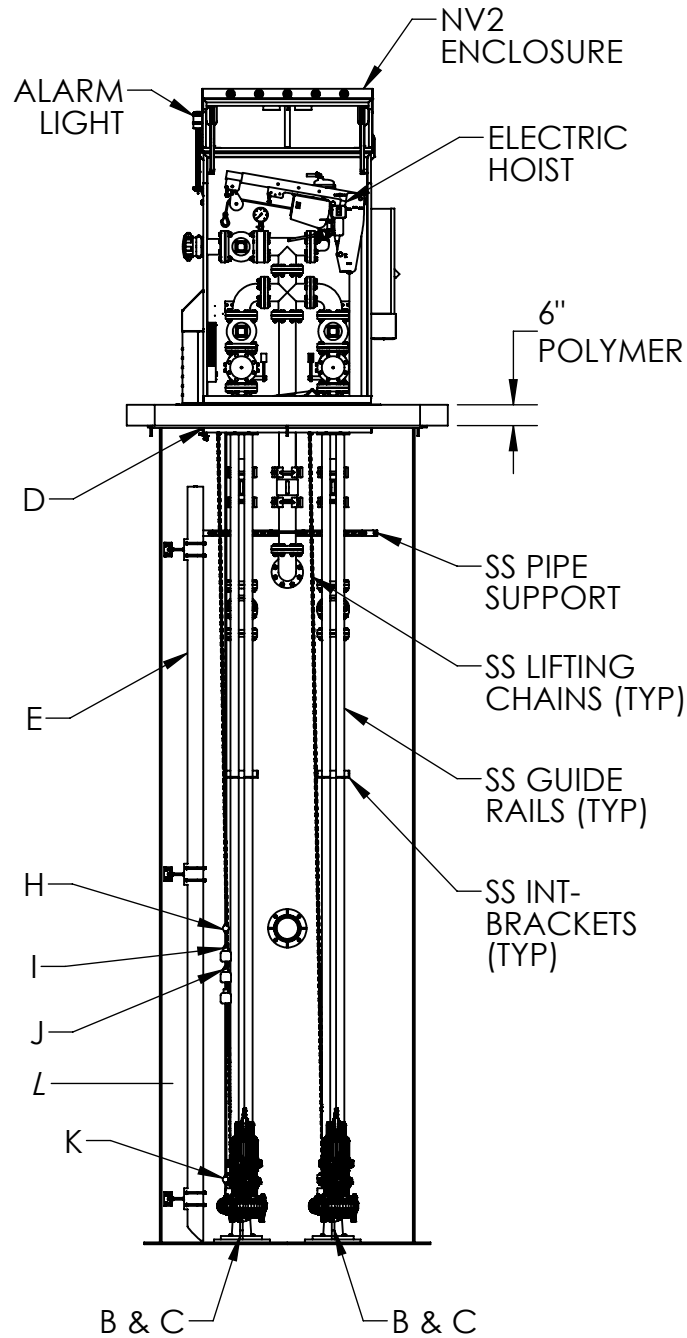



EXCEL FLUID GROUP PUMP STATION		
ITEM:	DESCRIPTION:	QTY:
A	FRP BASIN (Ø60", Ø72", OR Ø96")	1
B	SUBMERSIBLE PUMP	2
C	BASE ELBOW	2
D	FLOAT BRACKET ASM (#FLOATS OPTIONAL)	1
E	TRANSDUCER W/STILLING TUBE ASM (OPTIONAL)	1

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



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	



5350 WEST 137TH ST.  
BROOK PARK, OH 44142

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OR AS A WHOLE WITHOUT WRITTEN PERMISSION IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL:  $\pm 1/16"$   
ANGULAR:  $\pm 0.5^\circ$   
DECIMAL:  $\pm .06$

DRAWN BY:

DATE: 11/21/22

SCALE: 1:55

DO NOT SCALE DRAWING

TITLE:

ASM, DUPLEX FRP  
NV2 PUMP STATION

DWG. NO.

7200036

SIZE: B

REV: 0

SHEET: 1 of 2

EXCEL FLUID GROUP NV2 PUMP STATION SELECTIONS:

NV2 ENCLOSURE WRAP SELECTION

NV2 ALUMINUM

NV2 ARBORVITAE

NV2 SANDSTONE

NV2 BRICK

NV2

NV2A

NV2S

NV2B

PIPE AND VALVE SIZE (IN) SELECTION

2" PIPE SIZE

3" PIPE SIZE

4" PIPE SIZE

2

3

4

WET WELL AND HEADER PIPE & DISCHARGE MATERIAL SELECTION

DUCTILE IRON

HDPE

STAINLESS STEEL (304)

PVC (SCH80)

D

H

S

P

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

EXAMPLE: Ø72" X 96" DEEP = 7296

(DIGITS)

PIPE HEADER AND VALVE SELECTION - SEE NOTE 2

BYPASS

BYPASS, AIR RELEASE

BYPASS, DIGITAL GAUGE

BYPASS, AIR RELEASE, DIGITAL GAUGE

BYPASS, FLOW METER

BYPASS, FLOW METER, DIGITAL GAUGE

BYPASS, FLOW METER, AIR RELEASE

BYPASS, FLOW METER, AIR RELEASE, DIGITAL GAUGE

BYPASS, DIAL GAUGE

BYPASS, AIR RELEASE, DIAL GAUGE

BYPASS, FLOW METER, DIAL GAUGE

BYPASS, FLOW METER, AIR RELEASE, DIAL GAUGE

01

02

03

04

05

06

07

08

09

10

11

12

SUBMERSIBLE PUMP BRAND SELECTION

SUBMERSIBLE PUMP BRAND

(WRITE-IN)

SUBMERSIBLE PUMP TYPE SELECTION

GRINDER PUMP

EXPLOSION PROOF GRINDER PUMP

SEWAGE EJECTOR PUMP

EXPLOSION SEWAGE EJECTOR PUMP

NON-CLOG PUMP

EXPLOSION PROOF NON-CLOG PUMP

AIR FILLED SOLIDS HANDLING PUMP

EXPLOSION PROOF AIR FILLED SOLID HANDLING PUMP

AIR FILLED CHOPPER PUMP

EXPLOSION PROOF AIR FILLED CHOPPER PUMP

OIL FILLED SOLIDS HANDLING PUMP

EXPLOSION PROOF OIL FILLED SOLIDS HANDLING PUMP

OIL FILLED CHOPPER PUMP

GR

XGR

EJ

XEJ

NC

XXNC

ASH

XASH

ASC

XASC

OSH

XOSH

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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	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/16" ANGULAR: ±0.5° DECIMAL: ±.06	DWG. NO.  7200036		
	DRAWN BY:	SIZE: B		
	DATE:	REV: 0	SHEET: 2 of 2	
	SCALE: 1:55	DO NOT SCALE DRAWING		