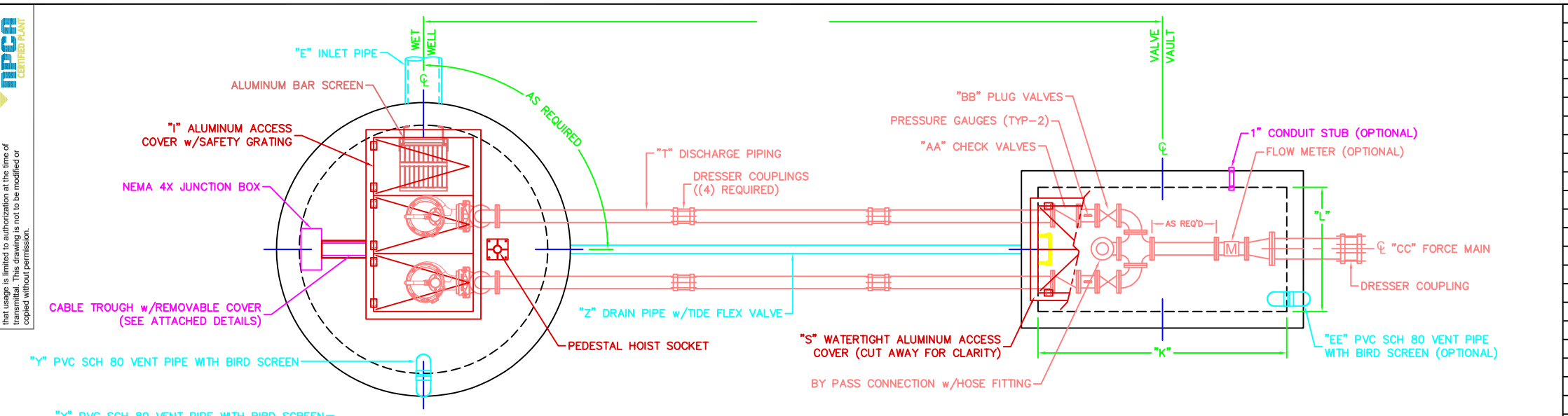
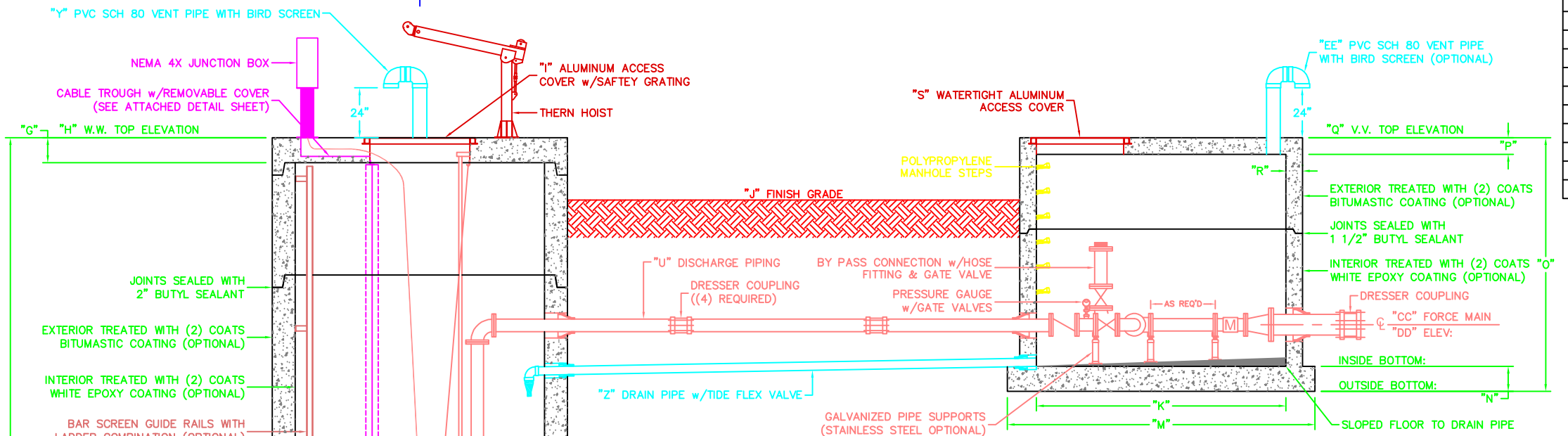


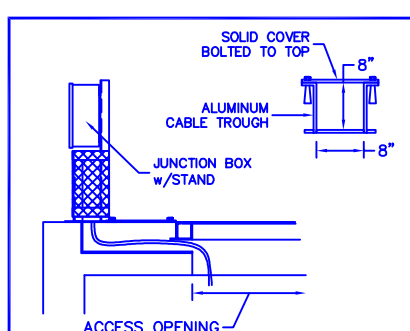


WET WELL
(SECTIONS ROTATED FOR CLARITY)

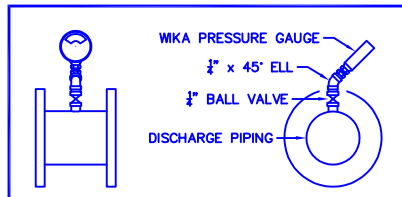
VALVE VAULT

BACK-UP FLOAT SETTINGS		
B	HIGH WATER ALARM	
A	LOW LEVEL ALARM	
LEVEL TRANSDUCVER SETTINGS		
	HIGH WATER ALARM	
	LAG PUMP ON	
	LEAD PUMP ON	
	PUMP OFF	
	LOW LEVEL ALARM	

NOTES:
1. WET WELL CONFORMS TO ASTM C478 SPECIFICATIONS
2. EXTERIOR OF WET WELL & VALVE VAULT TO BE TREATED WITH (2) COATS BITUMASTIC COATING (OPTIONAL)
3. INTERIOR OF WET WELL & VALVE VAULT TO TBE TREATED WITH (2) COATS WHITE EPOXY COATING (OPTIONAL)
4. JOINTS ARE TO BE SEALED IN THE FOLLOWING METHODS:
   - WET WELL: SEALED WITH 2" BUTYL SEALANT (DOUBLE LAYER BELOW GRADE)
   - VALVE VAULT: SEALED WITH 1 1/2" BUTYL SEALANT
5. PIPE PENETRATIONS TO BE SEALED IN THE FOLLOWING METHODS
   - PVC SCH 80 DRAIN PIPE: KOR-N-SEAL FLEXIBLE RUBBER GASKET
   - DISCHARGE PIPING: SEALED WITH KOR-N-SEAL FLEXIBLE RUBBER GASKET
   - INLET PIPE: SEALED WITH KOR-N-SEAL FLEXIBLE RUBBER GASKET



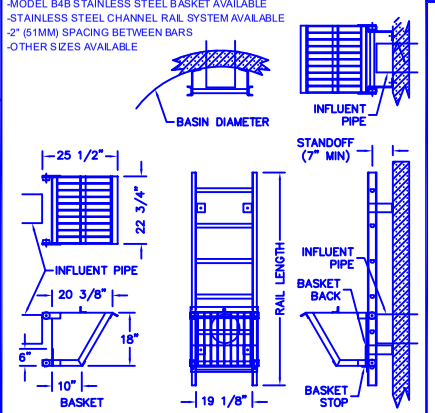
CABLE TROUGH DETAILS



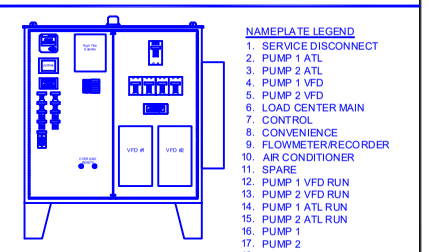
PRESSURE GAUGE DETAILS

BAR SCREEN

STANDARD FEATURES
-ALL ALUMINUM BASKET & RAILS
-SOLID ALUMINUM WHEELS & STAINLESS STEEL AXLES
-HEAVY DUTY LADDER/GUIDERAIL COMBINATION
-1 3/8" TYPE "D" RUNG WITH FLAT SLIP RESISTANCE SURFACE
-BARSCREEN STYLE BASKET
-AVAILABLE w/o LADDER RUNGS (GUIDE RAILS ONLY)
-MODEL B4B STAINLESS STEEL BASKET AVAILABLE
-STAINLESS STEEL CHANNEL RAIL SYSTEM AVAILABLE
-2" (51MM) SPACING BETWEEN BARS
-OTHER SIZES AVAILABLE



BAR SCREEN DETAILS

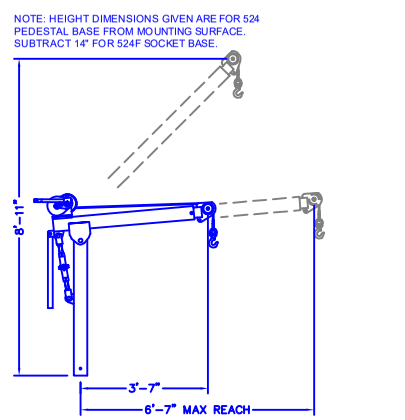


NAMEPLATE LEGEND
1. SERVICE DISCONNECT
2. PUMP 1 ATL
3. PUMP 2 ATL
4. PUMP 1 VFD
5. PUMP 2 VFD
6. LOAD CENTER MAIN
7. CONTROL
8. CONVENIENCE
9. FLOWMETER/RECORDER
10. AIR CONDITIONER
11. SPARE
12. PUMP 1 VFD RUN
13. PUMP 2 VFD RUN
14. PUMP 1 ATL RUN
15. PUMP 2 ATL RUN
16. PUMP 1
17. PUMP 2
18. HAND OFF AUTO
19. VFD ATL

NOTE:
FULLY INSULATE ENCLOSURE.

NEMA 3R STAINLESS STEEL
TWO DOOR ENCLOSURE
60" H x 60" W X 16" DEEP
(OUTER DOORS NOT SHOWN)

TYPICAL CONTROL PANEL DETAILS



THERN HOIST DETAILS

	DESCRIPTION			
A	W.W. BASE INSIDE DIA			
B	W.W. BASE OUTSIDE DIA			
C	W.W. BASE THICKNESS			
D	W.W. INVERT			
E	W.W. WALL THICKNESS			
F	W.W. TOTAL HEIGHT			
G	W.W. SLAB THICKNESS			
H	W.W. TOP ELEVATION			
I	W.W. ACESS COVER SIZE			
J	FINISH GRADE ELEVATION			
K	V.V. INSIDE LENGTH			
L	V.V. INSIDE WIDTH			
M	V.V. OUTSIDE LENGTH			
N	V.V. BASE THICKNESS			
O	V.V. DEPTH			
P	V.V. SLAB THICKNESS			
Q	V.V. TOP ELEVATION			
R	V.V. WALL THICNESS			
S	V.V. ACESS COVER SIZE			
T	SUBMERSIBLE PUMPS			
U	DISCHARGE PIPING			
V	S.S. GUIDE RAILS			
W	INLET SIZE			
X	INLET INVERT			
Y	W.W. VENT PIPE SIZE			
Z	DRAIN SIZE / MATERIAL			
AA	CHECK VALVE			
BB	PLUG VALVE			
CC	FORCE MAIN			
DD	FORCE MAIN ELEVATION			
EE	V.V. VENT PIPE SIZE			

REVISIONS	DATE	BY

CW SALES CORPORATION
199 S Forrest Ave
NORRISTOWN< PA 19401
PHONE 866-60-PUMPS
FAX (610) 277-3797

DESCRIPTION:
PACKAGED PUMP STATION

DRAWN BY:	DATE: 11/18/09	CHK BY:	DATE CHK:	DWG FILE: CWS-PUMPSTATIONLAYOUT