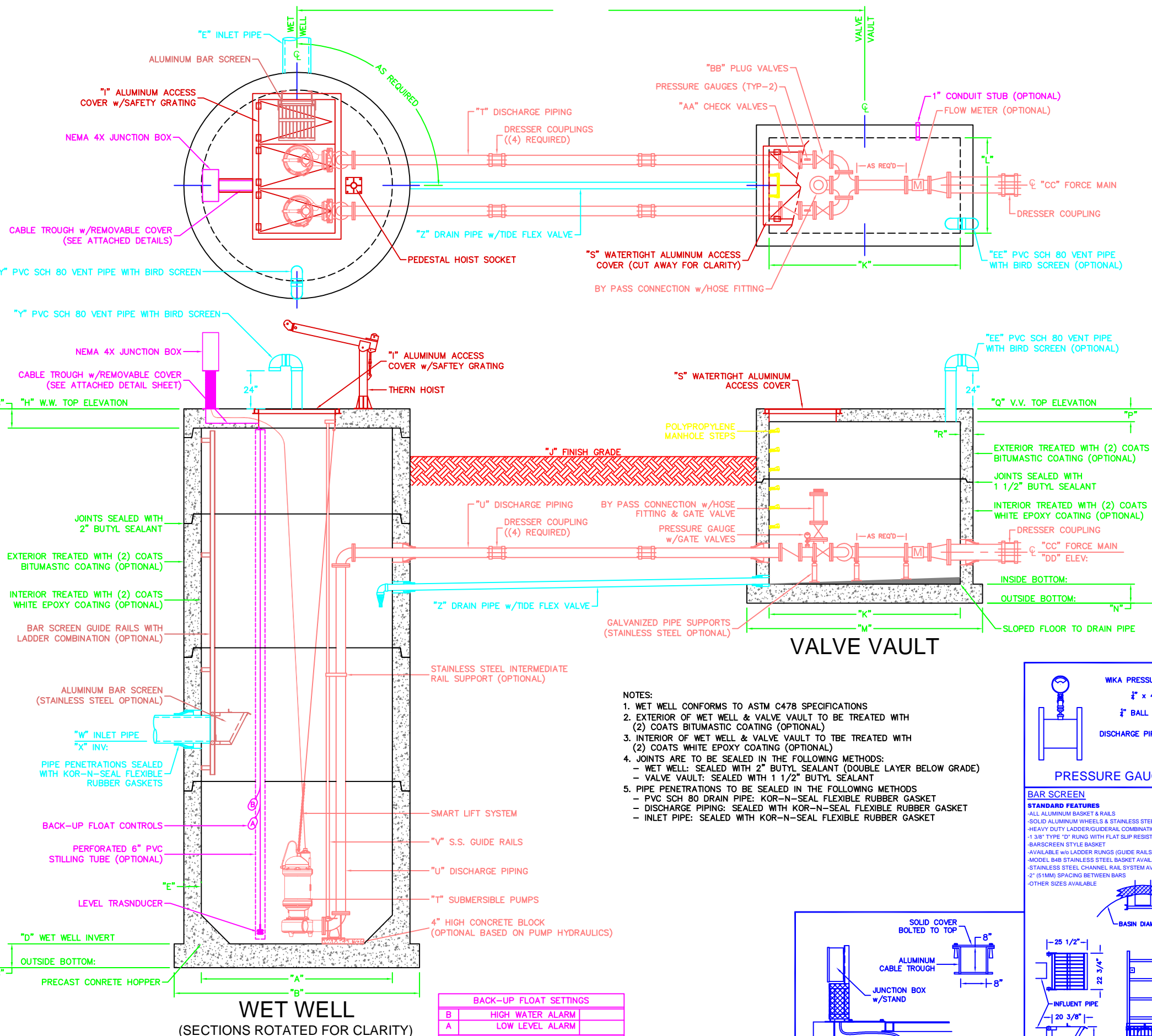


npca
CONTRIBUTOR

DISCLOSURE: This drawing is the sole property of CW Sales Corporation. It is furnished with the understanding that its use is limited to the project for which it was prepared. This drawing is not to be modified or copied without permission.



DESCRIPTION		BY	DATE
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. ACCESS 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 THICKNESS		
S	V.V. ACCESS 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	BY	DATE

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

- 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 BE 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

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

WKA PRESSURE GAUGE

PRESSURE GAUGE 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

TYPICAL CONTROL PANEL DETAILS

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

NOTE: FULLY INSULATE ENCLOSURE.

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
- BARS/SCREEN STYLE BASKET
- AVAILABLE w/o LADDER RUNGS (GUIDE RAILS ONLY)
- MODEL B48 STAINLESS STEEL BASKET AVAILABLE
- STAINLESS STEEL CHANNEL RAIL SYSTEM AVAILABLE
- 2" (51MM) SPACING BETWEEN BARS
- OTHER SIZES AVAILABLE

BAR SCREEN DETAILS

CABLE TROUGH DETAILS

CABLE TROUGH DETAILS

WET WELL

WET WELL (SECTIONS ROTATED FOR CLARITY)

VALVE VAULT

VALVE VAULT

THERN HOIST DETAILS

THERN HOIST DETAILS

PACKAGED PUMP STATION

DESCRIPTION:

CHK BY: _____ DATE CHK: _____

DATE: 11/18/09

DWG FILE: CWS-PUMPSTA TONLAYOUT