

PACO PUMP SELECTION	
GPM	600 @ 68' TDH
MODEL#	4095-7_TFC
HP	15
RPM	1750
VOLT.	208
PHASE	3

NOTE: CUSTOMER TO VERIFY 208V MIN. FOR PUMP OPERATION. VERIFY FLOW & HEAD PARAMETERS

EQUIPMENT LIST		
ITEM	QTY	SIZE AND DESCRIPTION
A	1	FILTER TANK ASSEMBLY, 7'-7" x 7'-10" x 8'-0", 45 SQ. FT.
B	1	RECIRCULATION PUMP, PACO PER CHART
C	1	MARK V CONTROL PANEL, AIR RELEASE & VACUUM LIMIT
D	1	VACUUM EQUALIZATION SCREEN, 14 GA. ST. ST.
E	1	SUCTION HEADER, 10" SCH. 80 PVC
F	1	8" BACKWASH DRAIN LINE
G	128	2" SLOTTED NORYL UNDERDRAIN LATERAL
H	1	10" MAIN DRAIN LINE CONNECTION
J	1	10" PERIMETER OVERFLOW CONNECTION
K	1	VIEWPORT HATCH, 12" x 12"
L	1	ST. ST. BACKWASH TROUGH
M	1	8" PVC FLOAT VALVE
N	1	3" TANK OVERFLOW CONNECTION (TRIM TO ELEVATION IN FIELD)
P	1	8" PUMP SUCTION CONNECTION
Q	67	SAND MEDIA, FINE FILTER SAND, 1 CU. FT. PER BAG.
R	12	GRAVEL MEDIA, 1/16"-1/8", 1 CU. FT. PER BAG.
S	1	PRESSURE GAUGE, 4 1/2" DIAMETER
T	1	VACUUM GAUGE, 4 1/2" DIAMETER
U	1	1 1/2" AUTO MAKE-UP WATER ASSEMBLY-SHIPPED AS LOOSE PARTS
V	1	6610 WLC HOUSED IN 8" PVC STILL WELL
W	1	2" TANK DRAIN ASSEMBLY
X	A/R	FIBERGLASS GRATING, 1 1/2" x 3/16" BARS
Y	1	2" ST. ST. DRAIN COUPLING WITH SS SCREENED NIPPLE
Z	1	1 1/2" BACKWASH SIGHT GLASS, NOT SHOWN
AA	1	2" ST. ST. ELECTRICAL COUPLING
AB	1	3/4" PUMP COMPARTMENT DRAIN CONNECTION
AC	1	1 1/2" AIR SCOUR CONNECTION
AD	1	AIR SCOUR BLOWER, ALL STAR RBH4-2-3, 2 HP.(NOT SHOWN)
AE	1	TD MIXVENT-150 FAN FOR EVACUATOR
AF	1	4" EVACUATOR DRAW POINT CONNECTION
AG	1	8" PUMP DISCHARGE CONNECTION, SCH. 80 PVC

CATALOG NUMBER	FILTER AREA	FLOW RATE	FILTER RATE	FLUSH RATE (7.5GPM/SQ.FT)	SHIPPING WEIGHT	LATERALS	
9794-1545	45 SQ. FT.	600 GPM	13.33 GPM	338 GPM	±3200#	THREADED	SOCKET
						32	96

VALVE LEGEND		MODE	O=OPEN	X=CLOSED
NO	SIZE	FILTER	BACKWASH	DRAIN POOL
1 MAIN DRAIN WAFER VALVE W/LEVER OPERATORS	8"	O	X	X
1A SET M.O.L. VALVE WITH LOCKING PLATE	8"	SET M.O.L. AND LOCK PLATE	O	X
2 SUCTION HEADER WAFER VALVE W/LEVER OPERATOR	8"	O	X	O
3 RETURN TO POOL WAFER VALVE W/LEVER OPERATOR	8"	O	X	X
4 BACKWASH TROUGH WAFER VALVE W/LEVER OPERATOR	8"	X	O	X
5 PUMP BACKWASH TO WASTE WAFER VALVE W/LEVER OP	8"	X	O	O
6 UNDERDRAIN CONTROL VALVE W/LEVER OPERATOR	8"	O	O	X
7 PERIMETER OVERFLOW WAFER VALVE W/LEVER OPERATOR	8"	O	X	X
8 BACKWASH INFLUENT WAFER VALVE W/LEVER OPERATOR	8"	X	O	O
9 AUTOMATIC WATER LEVEL CONTROL SOLENOID VALVE	1 1/2"	AUTO	X	X
10 MANUAL WATER MAKE UP	1 1/2"	MANUAL AS REQ'D		
11 MAKE UP WATER CONTROL VALVE	1 1/2"	O	X	X
12 AIR SCOUR CONTROL VALVE (REF. OPERATORS MANUAL)	1 1/2"	X	X	X
12A MANUAL AIR BLEED BALL VALVE	3/4"	SEE OPERATOR'S MANUAL		

NOTES:

- TANK MATERIAL IS TYPE 316L STAINLESS STEEL, 3/16" FLOOR, 1/8" WALLS.
- ALL BOLTS, STUDS AND NUTS USED TO ASSEMBLE PIPING ARE NON-CORROSIVE WITHIN FILTER COMPARTMENT.
- MAXIMUM FILTER RATE IS 15 GALLONS PER MINUTE PER SQUARE FOOT OF FILTER AREA.
- 115V, 60 Hz, 10 AMP CIRCUIT POWER TO BE BROUGHT AND CONNECTED TO THE VSC AIR RELEASE AND VACUUM LIMIT SWITCH CONTROL ASSEMBLY BY THE ELECTRICAL CONTRACTOR. THE CONTROL ASSEMBLY TO BE CONNECTED TO A 115V ELECTRICALLY HELD CONTACTOR IN THE MOTOR STARTER. POWER SOURCE, CONNECTION TO CONTACTOR, MOTOR STARTER AND CONNECTION TO MOTOR BY ELECTRICAL CONTRACTOR. MOTOR START-STOP CONTROLLED BY PADDOCK ASSEMBLY. NO OTHER START-STOP STATION TO BE INSTALLED.
- FACE PIPING SHALL BE PVC, SCH. 40 ABOVE EQUALIZATION SCREEN.
- FLANGES SHALL BE SCH. 80 PVC BELOW EQUALIZATION SCREEN OR STAINLESS STEEL WITHIN THE FILTER COMPARTMENT.
- EXTERIOR OF TANK BELOW FILTER ROOM FLOOR TO HAVE (2) COATS OF BITUMASTIC 300M APPLIED. INTERIOR TO BE COATED WITH BITUMASTIC 300M ABOVE EQUALIZATION SCREEN.
- ALL VALVES TO HAVE A NYLON COATED CAST IRON BODY, NYLON COATED DUCTILE IRON DISC, 316 STEM, EPDM SEAT AND A STAINLESS STEEL HANDLE EXTENSION.
- FILTER IS SHIPPED WITH ALL VALVES CLOSED.
- AIR SCOUR BLOWER MUST BE ELECTRICALLY INTERCONNECTED THRU A RELAY TO THE MAIN RECIRCULATION PUMP SO THAT THE AIR BLOWER MAY NOT BE ENERGIZED WHILE THE RECIRCULATION PUMP IS RUNNING.
- TO ASSURE PROPER FUNCTIONING, FILTER TANK MUST BE SET AT THE ELEVATIONS SHOWN.
- FILTER IS WARRANTED AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF (1) YEAR.

SUBMITTAL SHOP DRAWINGS		
FABRICATION CANNOT COMMENCE UNTIL WE RECEIVE APPROVED SHOP DRAWINGS		
TOLERANCE UNLESS OTHERWISE NOTED:		
SUBMITTAL DATE: 1/11/13		
DISPOSITION	BY	DATE
<input type="checkbox"/> APPROVED AS SUBMITTED		
<input type="checkbox"/> APPROVED AS CORRECTED		
<input type="checkbox"/> NOT APPROVED-RESUBMIT		

555 Paddock Parkway
Rock Hill, SC 29730
Phone: (803)324-1111
Fax: (803)324-1116
info@paddockindustries.com

PADDOCK
POOL EQUIPMENT COMPANY

DO NOT SCALE DRAWING
TOLERANCE UNLESS OTHERWISE NOTED:
X ± 1/16" X ± .020
1/4 ± 1/32" XX ± .010
X' ± 1/4" XXX ± .005

DESCRIPTION: 45 SQ.FT. STAINLESS STEEL VACUUM SAND FILTER WITH MANUAL WATER VALVE CONTROL & AIR SCOUR BACKWASH

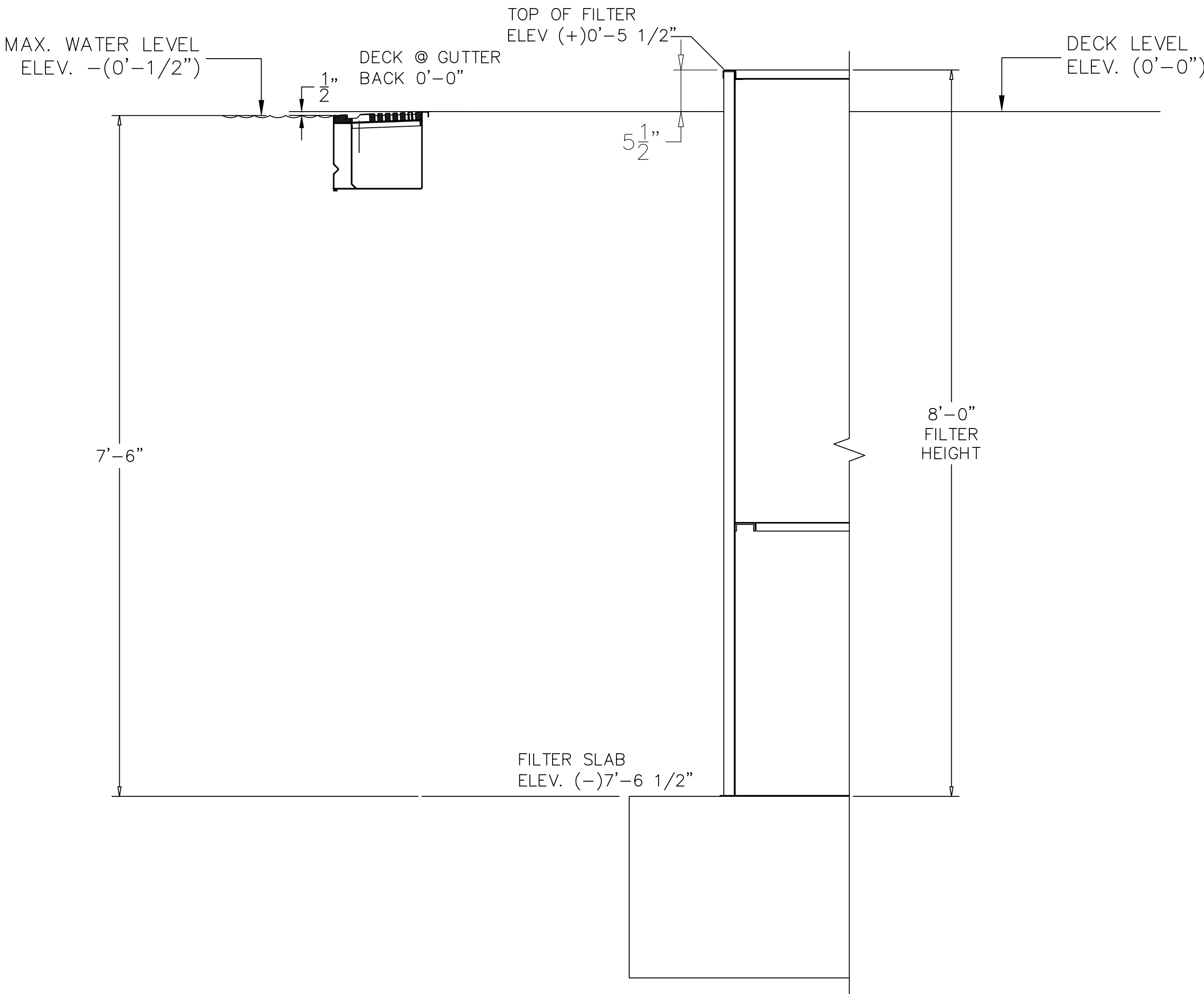
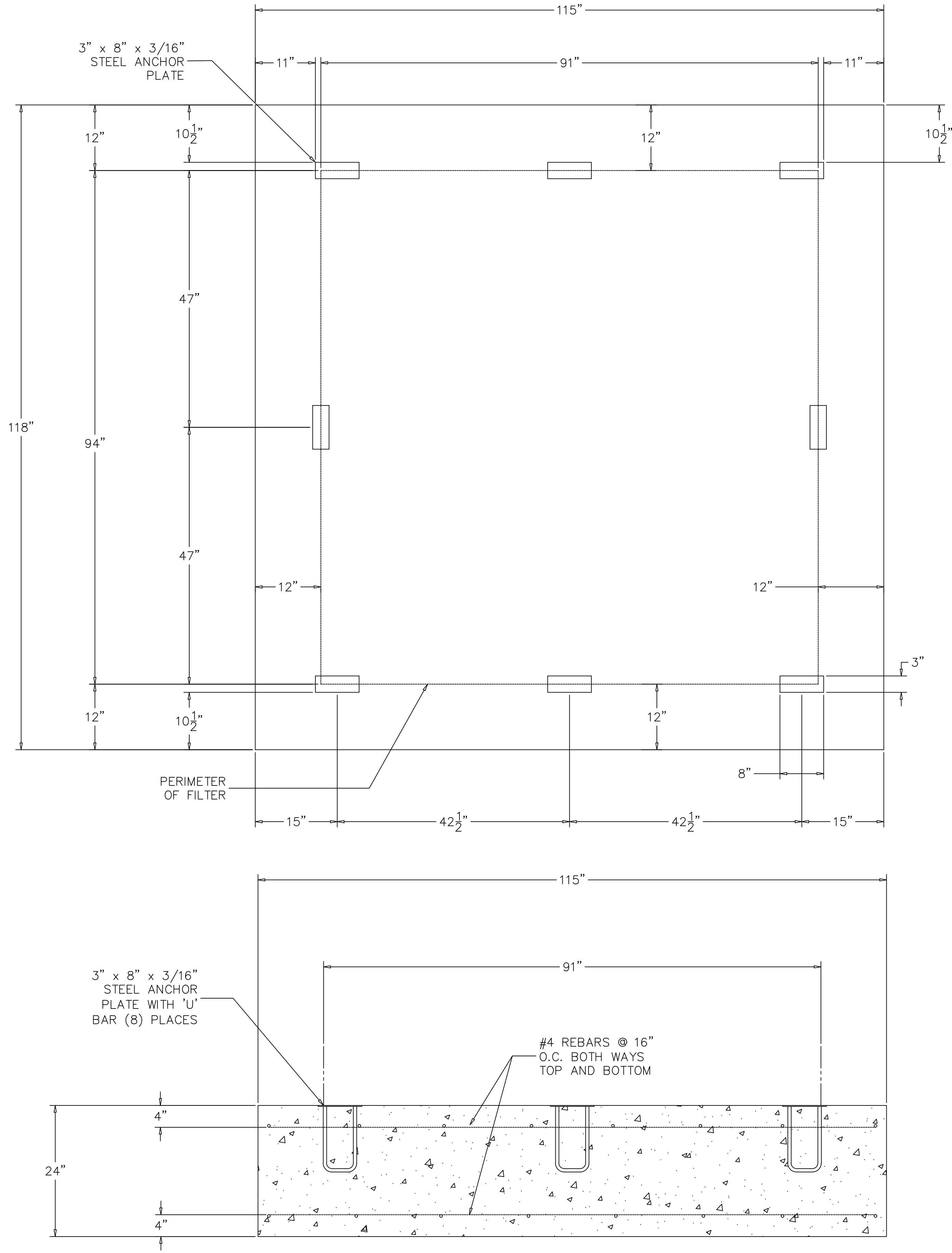
SCHENECTADY CENTRAL PARK

SCHENECTADY, NY

NORBERTO POOLS

SCALE (UNLESS NOTED): 1"=1'-0" SIZE D PART NO. VSC-316-45

MATL: 316L QTY: 1 W.O. # 23172.03 DWG. NO. 23172.03-SUB REV. 0



- NOTES:
1. COMPAK VSC TANK SHIPPING WEIGHT: $\pm 3,200$ LBS
 2. FILTER FOOTPRINT: 59.4 SQ. FT.
 3. (8) 3" x 8" x 3/16" ANCHOR PLATES W/ 'U' BARS REQUIRED

SUBMITTAL SHOP DRAWINGS FABRICATION CANNOT COMMENCE UNTIL WE RECEIVE APPROVED SHOP DRAWINGS		
SUBMITTAL DATE: 1/11/13		
DISPOSITION	BY	DATE
<input type="checkbox"/> APPROVED AS SUBMITTED		
<input type="checkbox"/> APPROVED AS CORRECTED		
<input type="checkbox"/> NOT APPROVED—RESUBMIT		

555 Paddock Parkway Rock Hill, SC 29730 Phone: (803)324-1111 Fax: (803)324-1116 info@paddockindustries.com			
DO NOT SCALE DRAWING TOLERANCE UNLESS OTHERWISE NOTED: X ± 1/16" .X ± .020 1/X ± 1/32" .XX ± .010 X' ± 1/4" .XXX ± .005		DESCRIPTION ANTI-FLOATATION SLAB FOR MANUAL 45 SQ.FT. VACUUM SAND FILTER	
DRAWN BY DCR		DATE 4/13/23	
CHECKED		LOCATION SCHNECTADY, NY	
APPROVED		CUSTOMER NORBERTO POOLS	
SCALE (UNLESS NOTED): 1"=1'-0"		SIZE D	
MAT'L: XXX		PART NO. VSC-316-45	
QTY. 1		DWG. NO. 23172.03-S	
REV. 0			