

WEIL**Round Wet Well Cover****8805**

Vertical and Submersible Floor Mount Pumps

Includes

- One level control opening and plate, specify level control type or blank when ordering.
- Vent kit. Blank, 2, 3, or 4 inch.
- Inspection opening and cover plate, unless noted.
- 8311 high water alarm opening and blanking plate.

Not Included

- Mounting hardware for perimeter of cover
- Level control pipe

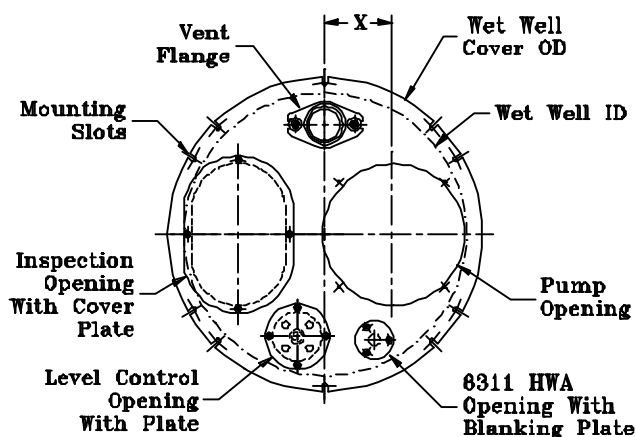
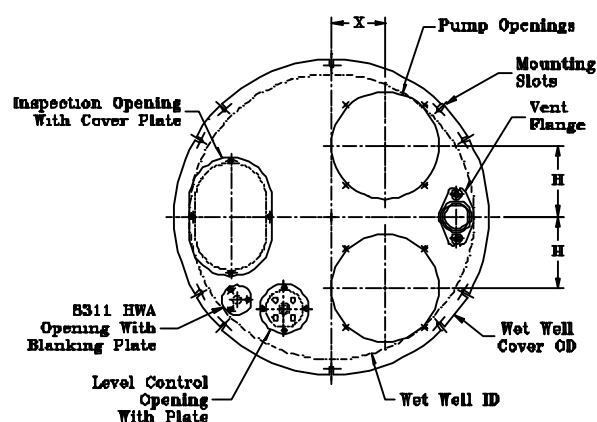
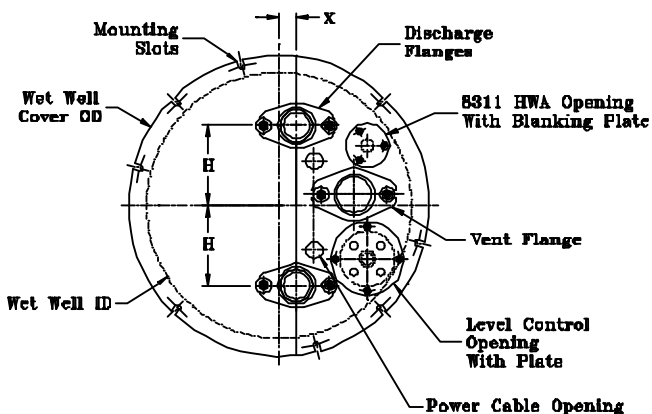
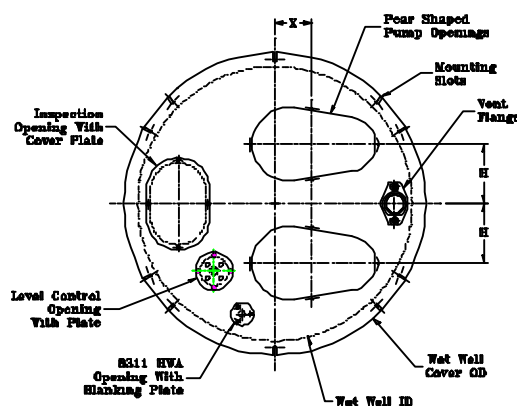
Discharge Pipe Size	2	3	4	6
(H) - Cntr/Cntr	9	11	13	16
Spacing is for standard piping center to center (inches).				

Cover Selection

1. Determine wet well size.
2. Identify pump system.
3. Identify level controls.

Note

1. Duplex covers have two pump openings.
2. Vertical pumps have a floor plate available as part of the pump. Check pump data for floor plate size.
3. Floor mounted submersible pumps require a pump opening cover. Refer to 8817 Bulletin.
4. A vent kit for 2, 3, 4 inch, or blank is supplied.
5. For non-standard requirements contact factory for pricing and availability.
6. Pump opening diameter is 2 inches smaller than floor plate diameter.

Simplex**Duplex - Standard****Duplex - Split****Duplex - Pear Shaped**

How to Order: Specify Order Number, Above or Below Cover Discharge, Vent Size, Level Control Type, and Options.
F.O.B. Cedarburg (Milwaukee), Wisconsin



Replaces W101.997.04, Dec.1, 1997
W101.919.03 Aug. 1, 1997
W101.959.03 Aug. 1, 1997

SN-8805

MAY 2, 2005

8805

WEIL**8805****Simplex**

	Order Number	Wet Well Size	Cover Size	Bolt Circle	Matl Thick	Pump Opening	Mtg Slots	Dim X	Dim H	Inspect Opening	Weight Lbs	Drawing Number
1	8805K2305	24	28	26	0.375	12	(10) 5/8	6	--	None	76	D10164
	8805K2306	24	28	26	0.375	18	(10) 5/8	3	--	None	76	D10165
	8805K2312	30	34	32.5	0.375	18	(10) 5/8	6	--	8.5	96	D10547
	8805K2313	30	34	32.5	0.375	20	(10) 5/8	5	--	None	96	D10548

For larger cover sizes use duplex and blank off one pump opening

Duplex

	Order Number	Wet Well Size	Cover Size	Bolt Circle	Matl Thick	Pump Opening	Mtg Slots	Dim X	Dim H	Inspect Opening	Weight Lbs	Drw #
2	8805K1001	24	28	26	0.250	None	(10) 5/8	0	3	None	96	D12230
3	8805K1040	30	34	32.5	0.250	None	(10) 5/8	2	9	None	96	D10181
	8805K1303	30	34	32.5	0.375	12	(10) 5/8	4.75	7.5	None	158	D10143
	8805K1305	36	40	38.5	0.375	12	(10) 5/8	7	8.25	12 x 18	156	D10540
	8805K1316	36	40	38.5	0.375	18	(10) 5/8	1	10.25	None	156	D10231
	8805K5032	42	46	44	0.375	18	(10) 5/8	4	11	8.5	192	D10743
	8805K5036	42	46	44	0.375	20	(10) 5/8	1	11	None	194	D10761
	8805K5067	42	46	44	0.375	18	(10) 5/8	0	13	8.5	206	D10764
4	8805K5075	48	53	51	0.500	18	(10) 5/8	7	13	12 x 18	336	D10744
	8805K5079	48	53	51	0.500	20	(10) 5/8	5	13	12 x 18	334	D10752
	8805K1605	48	53	51	0.500	16 x 27	(10) 5/8	0	13	None	328	D11841
	8805K6075	48	53	51	0.500	16 x 20	(10) 5/8	7	13	12 x 18	330	D12239
5	8805K5083	54	60	57	0.500	18	(10) 5/8	11	13	12 x 18	527	D10748
4	8805K5091	60	66	63	0.500	18	(10) 5/8	16	13	12 x 18	639	D10745
	8805K5095	60	66	63	0.500	20	(10) 5/8	14	13	12 x 18	636	D10754
	8805K1611	60	66	63	0.500	16 x 27	(10) 5/8	8	13	12 x 18	624	D12240
	8805K6091	60	66	63	0.500	16 x 20	(10) 5/8	14	13	12 x 18	630	D11826
5	8805K5097	72	78	75	0.500	18	(12) 3/4	20	13	12 x 18	710	D10746
	8805K5101	72	78	75	0.500	20	(12) 3/4	18	13	12 x 18	717	D10755
	8805K1614	72	78	75	0.500	16 x 27	(12) 3/4	12	13	12 x 18	704	D12241
	8805K6103	72	78	75	0.500	16 x 20	(12) 3/4	17	13	12 x 18	706	D11818
6	8805K5131	72	78	75	0.500	25 x 40	(8) 3/4	5	13	12 x 18	712	D10768

All dimensions - inches.

1 - cover has no level control opening

2 - split cover with 1.25 inch discharge openings only, no level control opening

3 - split cover with discharge openings for 2 or 3 inch discharge pumps

4 - for use with 2519F pumps

5 - for use with 2228 pumps

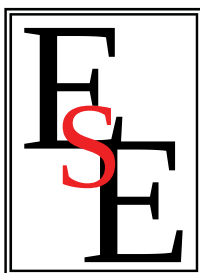
6 - for use with 12 inch pump case

Options

Option No.	Description	Wet Well Diameter - Inches							
		24	30	36	42	48	54	60	72
8800K7001	Galvanizing	A	A	A	A	A	A	A	A
8800K7003	Epoxy Paint	A	A	A	A	A	A	A	A
8800K7008	Gastight Sealant	A	A	A	A	--	--	--	--
8800K7008A	Gastight Sealant	--	--	--	--	A	A	A	A

Note: contact factory for anti-slip (checkered) cover pricing

A = Available



Engineered Equipment Sales

Division of Debco Equipment Company, Inc.

1814 South Third Street
Saint Louis, MO 63104-4040

Submittal

314.646.0074 Phone
314.646.0078 Fax

May 11, 2016

To: Ferguson

Project: Webster University Science

We are pleased to submit the following equipment for your approval:

SP-1 & 2

Two (2) Weil 2224 vertical 4" wastewater pumps. The pumps will be capable of handling 2-1/2" solids, will have a capacity of 350gpm at 25tdh, and will be powered by a 5hp, 1750rpm, TEFC, 460/3 motor. The pumps will be suitable for installation in a 108" deep basin. The pumps will be controlled off/on/lag by a Weil 8211K2014 pedestal switch. An auxiliary switch 8211K7015 will activate the high water alarm in the panel. The Weil 8155T-100 control panel will be in a NEMA 1 enclosure with a high water horn and dome lamp. The basin will be fiberglass and will be 36" in diameter and 108" deep. We will provide a H600R ring grommet for the 6" inlet pipe (field installed). The basin cover will be a Weil 8805K1316S.

Sincerely,

Mike Busse

Michael D. Busse

This proposal incorporates our standard terms and conditions by reference. If you do not have a copy contact us immediately.

Subject to Factory Standard Warranty

Proposals good for 30 days



SP-1

W2224

WEIL

SP-1 / SP-1 SUMP PUMP

TWO (2) WEIL 2224 VERTICAL 4" WASTEWATER PUMPS. THE PUMPS WILL BE CAPABLE OF HANDLING 2- 1/2" SOLIDS, WILL HAVE A CAPACITY OF 350GPM AT 25TDH, AND WILL BE POWERED BY A 5HP, 1750RPM, TEFC, 460/3 MOTOR. THE PUMPS WILL BE SUITABLE FOR INSTALLATION

M

WEIL

IN A 108" DEEP BASIN. THE PUMPS WILL BE CONTROLLED OFF/ON/LAG BY A WEIL 8211K2014 PEDESTAL SWITCH. AN AUXILIARY SWITCH 8211K7015 WILL ACTIVATE THE HIGH WATER ALARM IN THE PANEL. THE WEIL 8155T-100 CONTROL PANEL WILL BE IN A NEMA 1 ENCLOSURE

M

WEIL

WITH A HIGH WATER HORN AND DOME LAMP. THE BASIN WILL BE FIBERGLASS AND WILL BE 36" IN DIAMETER AND 108" DEEP. WE WILL PROVIDE A H600R RINGER GROMMET FOR THE 6" INLET PIPE (FIELD INSTALLED). THE BASIN COVER WILL BE A WEIL 8805K1316S.

Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: June 3, 2016

Attention: stl-cac@cannondesign.com

Contact Person / WTA Field Inspector:
Patrick Garner

Project Name: Webster University-**ISB**

Reviewed by: Mike Whitworth (WES)

Project No. WT 14127.01
WES 607

☐

UPS

☐

Courier

☒

Email

Copies	No.	Description
1 PDF	221429P01	(Submittal No.'s:
		(Cannon #-22 1429-003) - (Paric #15051-) - (WES #607)
		➤ Sump Pumps Product Data:
		• Sump Pumps SP-1, SP-2 & SP-3
		• Elevator Sump Pumps ESP-1 & ESP-2

***Remarks: See Submittal Review from Webb Engineering.**

c: Kevin Patel
Kpatel@cannondesign.com

☒

***Reviewed**

☒

***No Exception Taken -**

☐☒

***Make Corrections as
Noted, No Resubmittal
Required**

Corrections or comments made on shop drawings during this review do not relieve contractor from compliance with requirements of drawings and specifications. This check is only for review of general conformance with the design concept of project and general compliance with information given in contract documents. Contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating his work with that of all other trades; and performing his work in a safe and satisfactory manner.



1400 S. 3rd Street, Suite 201
St. Louis, Missouri 63104
Phone: (314) 588-0600
Fax: (314) 588-0604

Letter of Transmittal

To: **wtashop@wmtao.com**

From: **Mike Whitworth**

Date: **June 03, 2016**

Re: **Webster University ISB**

WES No: **607**

☐ For your Files

☐ For Review

☐ Please Comment

☐ Please Reply

Item No.	Description	No. of Copies	Date
1	Shop Drawing Review – 22 1429-003 Sump Pumps	1	06-03-2016

•Signature: Mike Whitworth

The review of this submittal is limited to the general conformance with the designated design concept and intent of this project and with the general compliance of the information provided in the contract documents. All comments, remarks and notations made on the submittal(s) as a result of this review do not relieve the contractor from full compliance with requirements of the contract documents. Approval for a specific item shall not include approval of an assembly of which the item is not a component. The contractor is solely responsible for rough-in and installation confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordination of this work with that of other trades on this project; and in a safe and satisfactory manner. All work shall be installed in full compliance with the manufacturer's recommendation Federal, State and Local rules and regulation and the Authority Having Jurisdiction (AHJ) and applicable adopted codes and standards.

PROJECT NAME: WU-ISB
 LOCATION: St. Louis, MO
 CLIENT PROJ. NO.: NA
 WES PROJ. NO.: 608
 SPEC SECTION: 22 1429-003
 SUBMITTAL ITEM: See Below -

CONTRACTOR: DeLuca Plumbing LLC
 CTR. SUBMITTAL #: 221429-003
 SUBMITTAL DATE: May 25, 2016
 DATE RECEIVED: May 26, 2016
 RECEIVED VIA: E-Mail
 RECEIVED FROM: WTA
 DATE RETRND: June 03, 2016
 RETURNED VIA: E-Mail
 RETURNED TO: wtashop@wmtao.com

STATUS KEY:

NO EXCEPTION TAKEN							
NEC	MCN	MAKE CORRECTIONS NOTED, NO RESUBMITTAL IS REQUIRED:					
		AMEND AND RESUBMIT					
		AAR	REJ	REJECTED, SEE REMARKS:			
				REVIEWED ONLY			
				REV	ITEM	REMARKS	
X					Sump Pump SP-1 and SP-2 Weil Pump Co. Model 2224 – 4 Inch Vertical Wastewater Pump Model 8211K2014 Pedestal Switch Model 8211K7015 Auxiliary Switch for High Water Alarm Model 8155T-100 Control Panel Fiberglass Basin – 36 x 108 Model 8805K1316S Basin Cover		
X					Sump Pump SP-3 Weil Pump Co. Model 1411 - 2 Inch Submersible Wastewater Pump Model 8341K1011 High Water Remote Alarm Panel Model 8233K1006 Tethered Float Fiberglass Basin – 36 x 108 Model 8805K1316K Basin Cover		
	X				Elevator Sump Pumps ESP-1 and ESP-2 Weil Pump Co. Model 1411-OSS Elevator Pump System	There are two separate elevator sump pump systems required. One for each of the hoistway pits	

REVIEWED BY: Mike Whitworth DATE: June 03, 2016

THESE COMMENTS ARE TO BE ATTACHED TO ALL COPIES OF THE SHOP DRAWING REFERENCED ABOVE.

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

PROJECT NAME	
ADDRESS	
NUMBER	
OWNER	
ARCHITECT / ENGINEER	
SUBMITTED BY	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
CRITICAL	☐

To be completed by Reviewer

CANNON DESIGN SUBMITTAL NUMBER
RECEIVED DATE

- ☐ **A. No Exceptions Taken**
No further review of submittal is required.
- ☐ **B. Make Corrections Noted**
Incorporate corrections in work;
resubmission is not required.
- ☐ **C. Revise and Resubmit**
Revise as noted, and resubmit for review.
- ☐ **D. Rejected**
Submittal is not in compliance with Contract Documents;
provide new submittal.
- ☐ **E. For Record / Information Only**
Submittal was reviewed for Record / Information
purposes only.
- ☐ **F. Not Required for Review**
Submittal is not required by Contract Documents
and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

ITEM BEING SUBMITTED (check only one)

- ☐ Shop Drawings ☐ Certification / Qualifications ☐ Coordination Drawing
☐ Samples ☐ Record Documents ☐ Calculations
 (_____ copies) ☐ Product Data ☐ Schedules
☐ LEED Submittal ☐ O&M Manuals
☐ Other _____

ITEM BEING SUBMITTED FOR (check only one)

- ☐ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)



PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

Ry:

Devin D. Gates

REVIEWED BY	DATE

A/E COMMENTS

- ☐
- See attached sheet(s) for additional comments

REVIEWED BY	DATE



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0051

Paric Corporation

PROJECT: Webster University Interdisciplinary Science Building

DATE: 05/25/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Sump Pumps Product Data

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☒ Approval	☒ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	SENT VIA:	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☒ Other: Product Data	☐ Separate Cover Via:	☐ Due Date:

Item	Package	Code	Rev.	Copies	Date	Description	Status
Submittal		221429-003	1		05/25/2016	Sump Pumps Product Data	Submitted

NOTES:

CC: Paric Corporation, Kathy Bathe

Project Coordinator: Paric Corporation, Kathy Bathe

Signed: _____
Devin Gates

Shop Drawing Submittal

Project Name: WEBSTER ISB

Specification # **221429-01**

Specification Description: SUMP PUMPS
SP1-SP3 & ESP-1 – ESP-2

Date: 05-23-16

General Contractor / Construction Manager: PARIC

ARCHITECT: KWA

ENGINEER: William Tao

Contractor: DeLuca Plumbing, L.L.C.
8465 Delport Drive
St. Louis, MO 63114

Supplier: FERGUSON

Manufacturer: Various

Reviewed & Approved by: DeLuca Plumbing 05-23-16

Action: Forward to GC/CM for Review & Approval

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