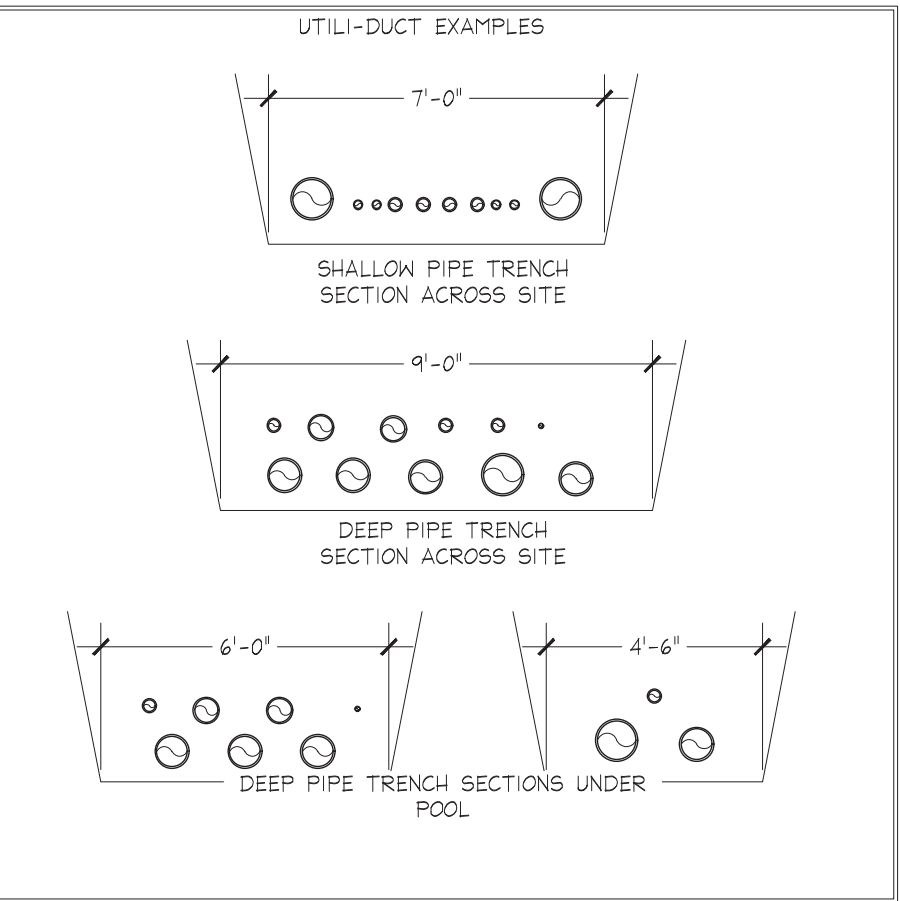
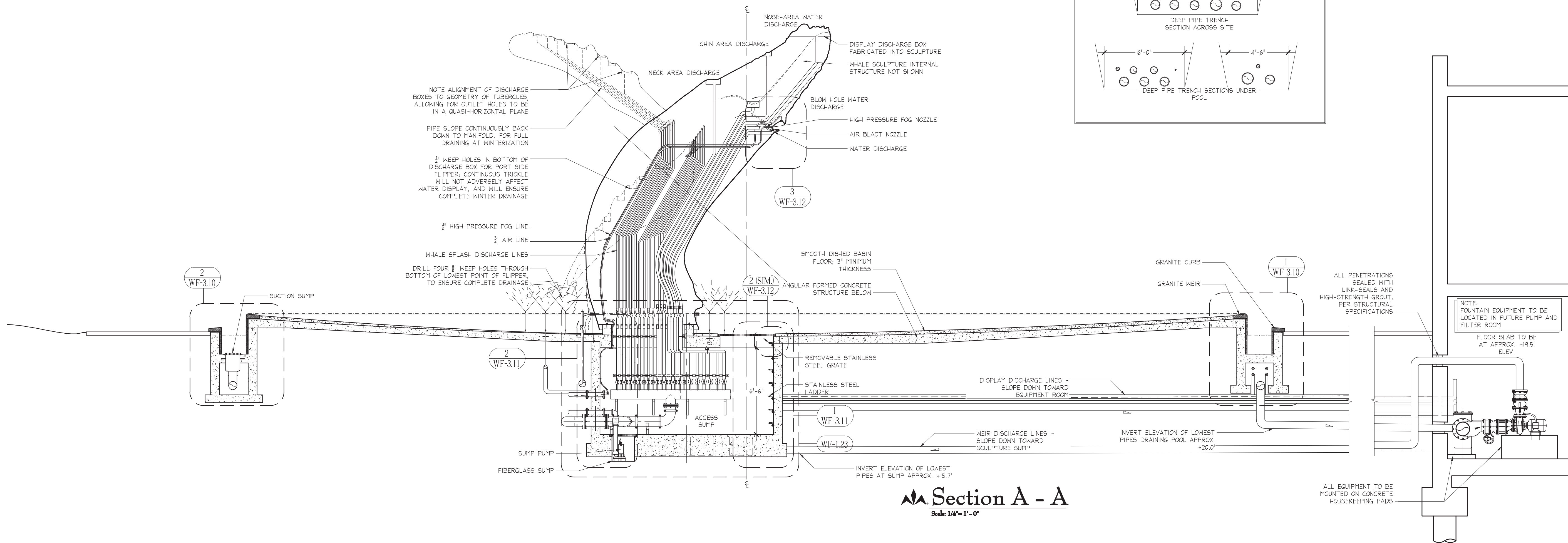


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Section A - A
Scale: 1/4" = 1' - 0"

The Whale Project

Water Feature

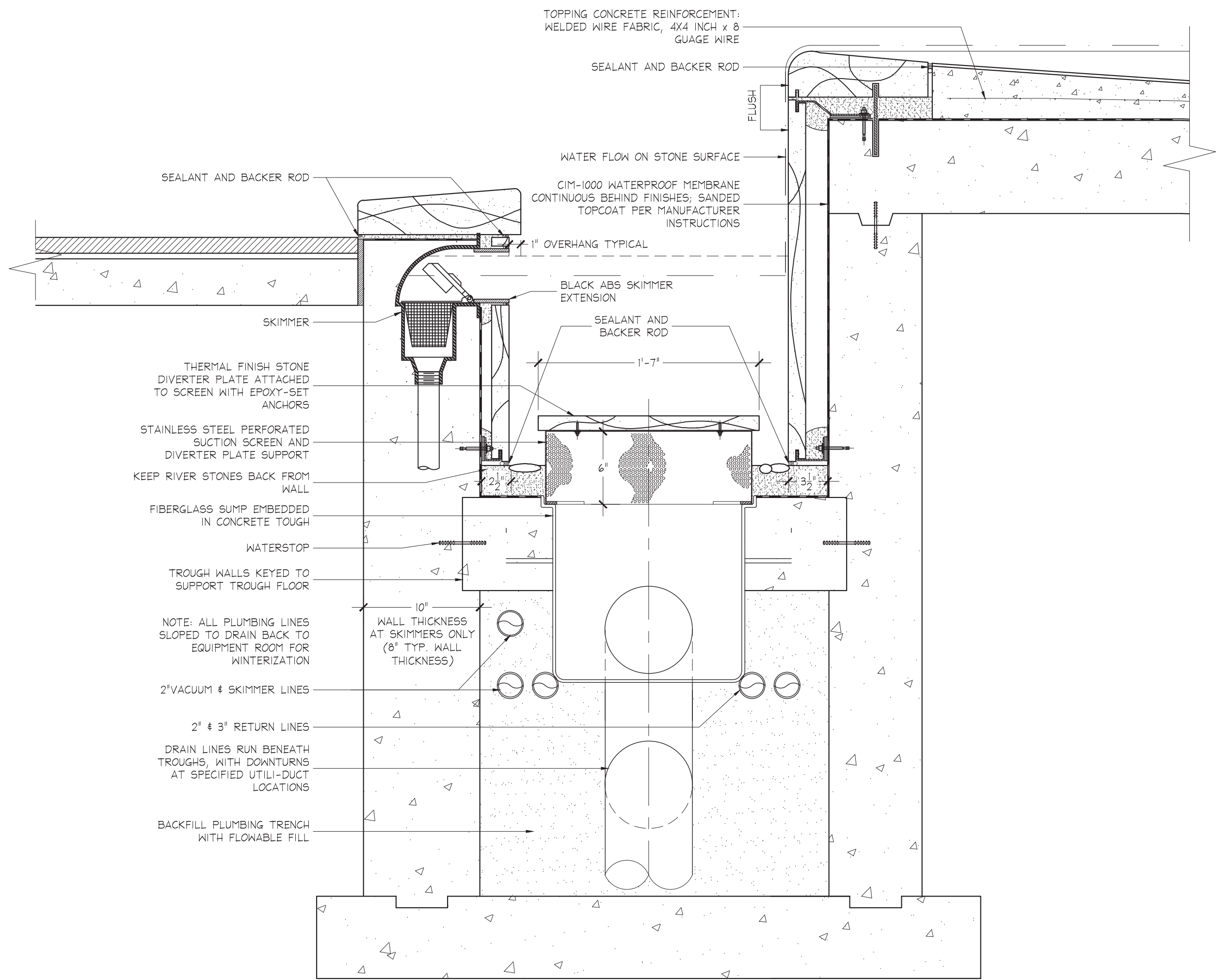
Cross Section

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100%	CONSTRUCTION DOCUMENTS	2/14/14	CR

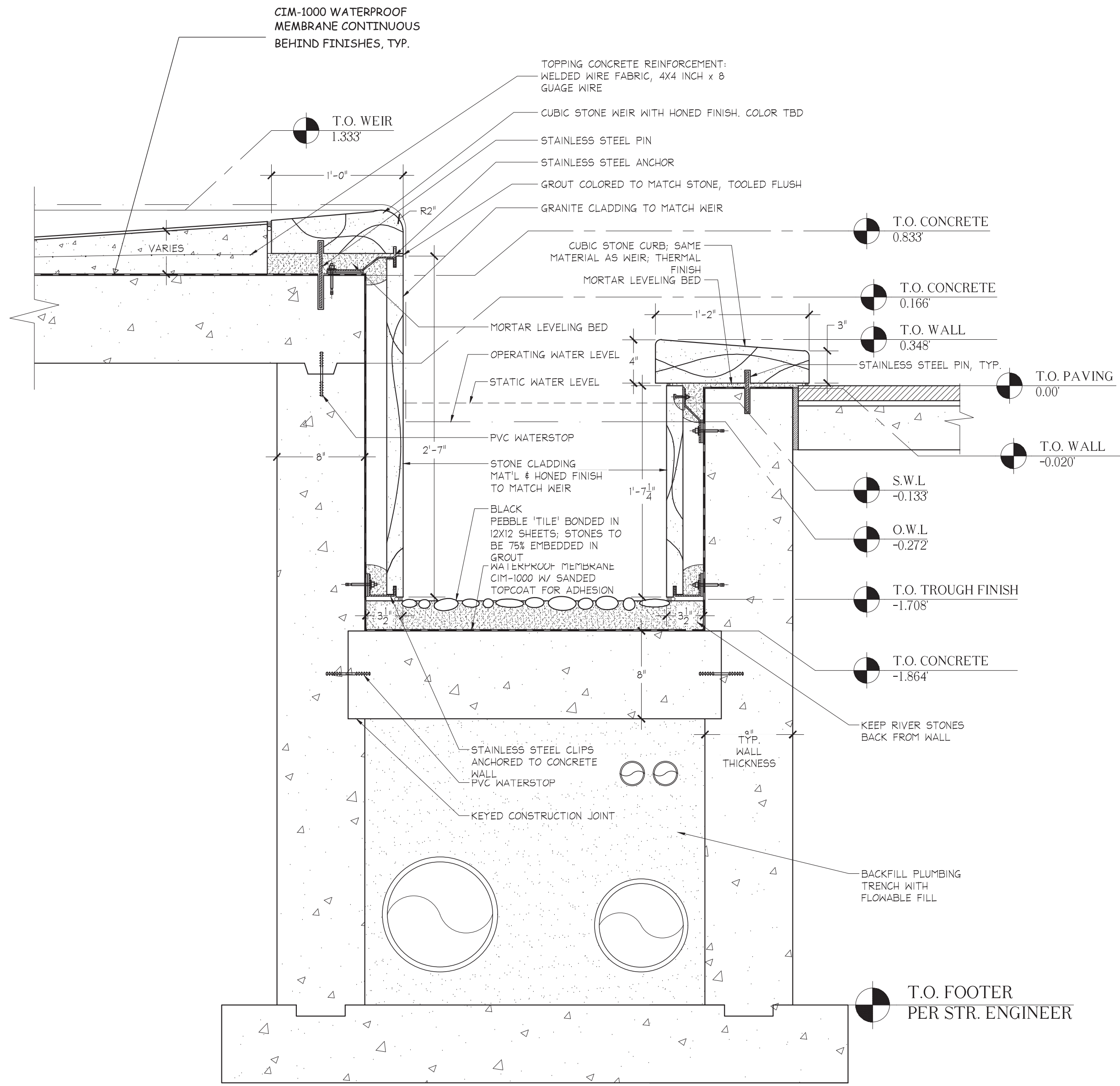
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DRAWN BY: CR
PROJECT NO.: 3145
DATE: 9/14/15

WF-3.00

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Section Detail 2
Scale: 1 1/2" = 1' - 0"



Section Detail 1
Scale: 1 1/2" = 1' - 0"

NOTES:

-STRUCTURAL ELEVATIONS SHOWN ARE RELATIVE ELEVATIONS USING ADJACENT FINISH PAVING AS BASELINE 0.0' ELEVATION; ONCE ADJ. PAVING ELEVATION IS SET BY LANDSCAPE ARCHITECTS, ALL FOUNTAIN SPOT ELEVATIONS MUST BE ADJUSTED ACCORDINGLY.

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DATE: 9/14/15

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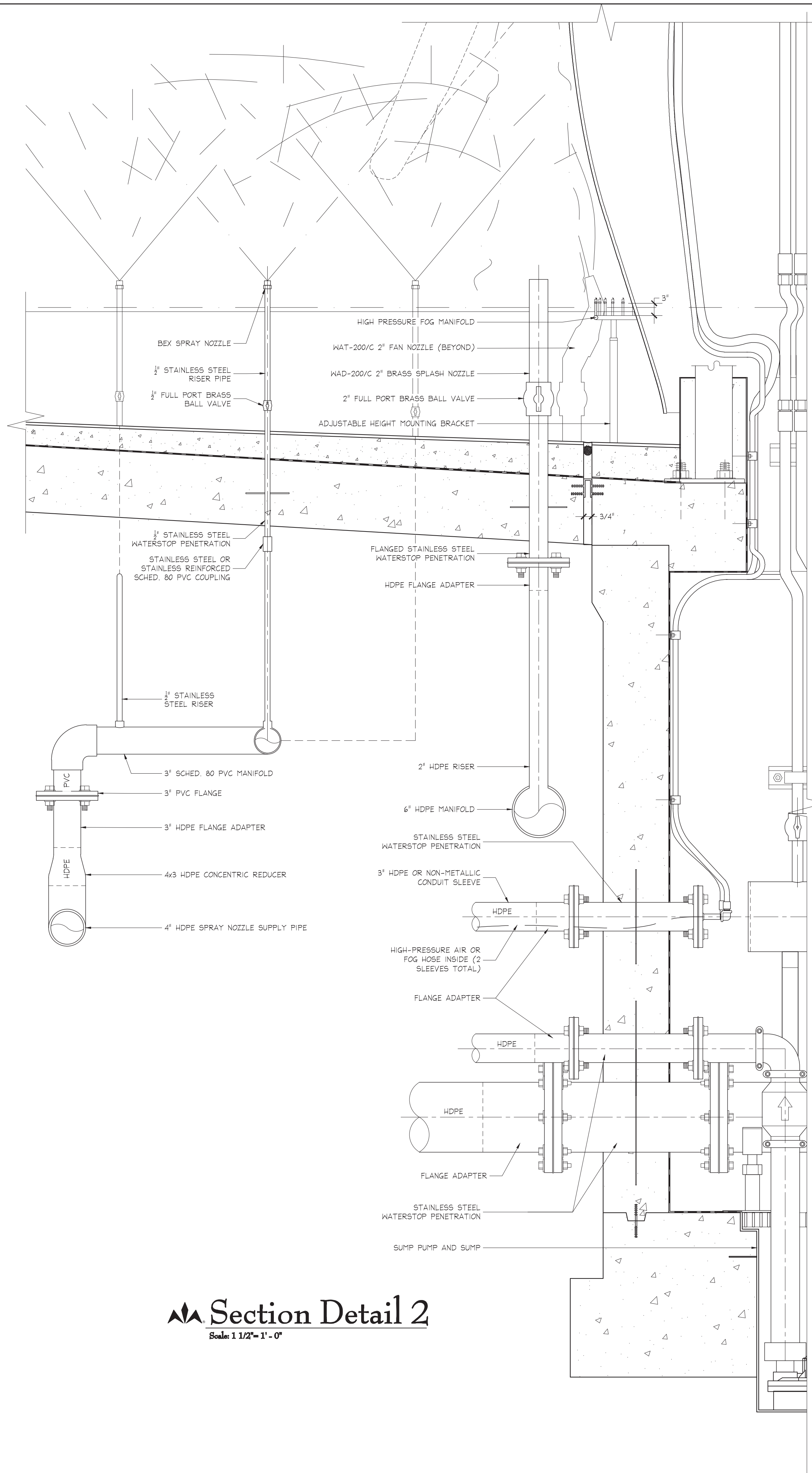
The Whale Project
Water Feature
Enlarged Section Details

REV	REFERENCE & DESCRIPTION	DATE	BY
100%	CONSTRUCTION DOCUMENTS	2/14/14	CR

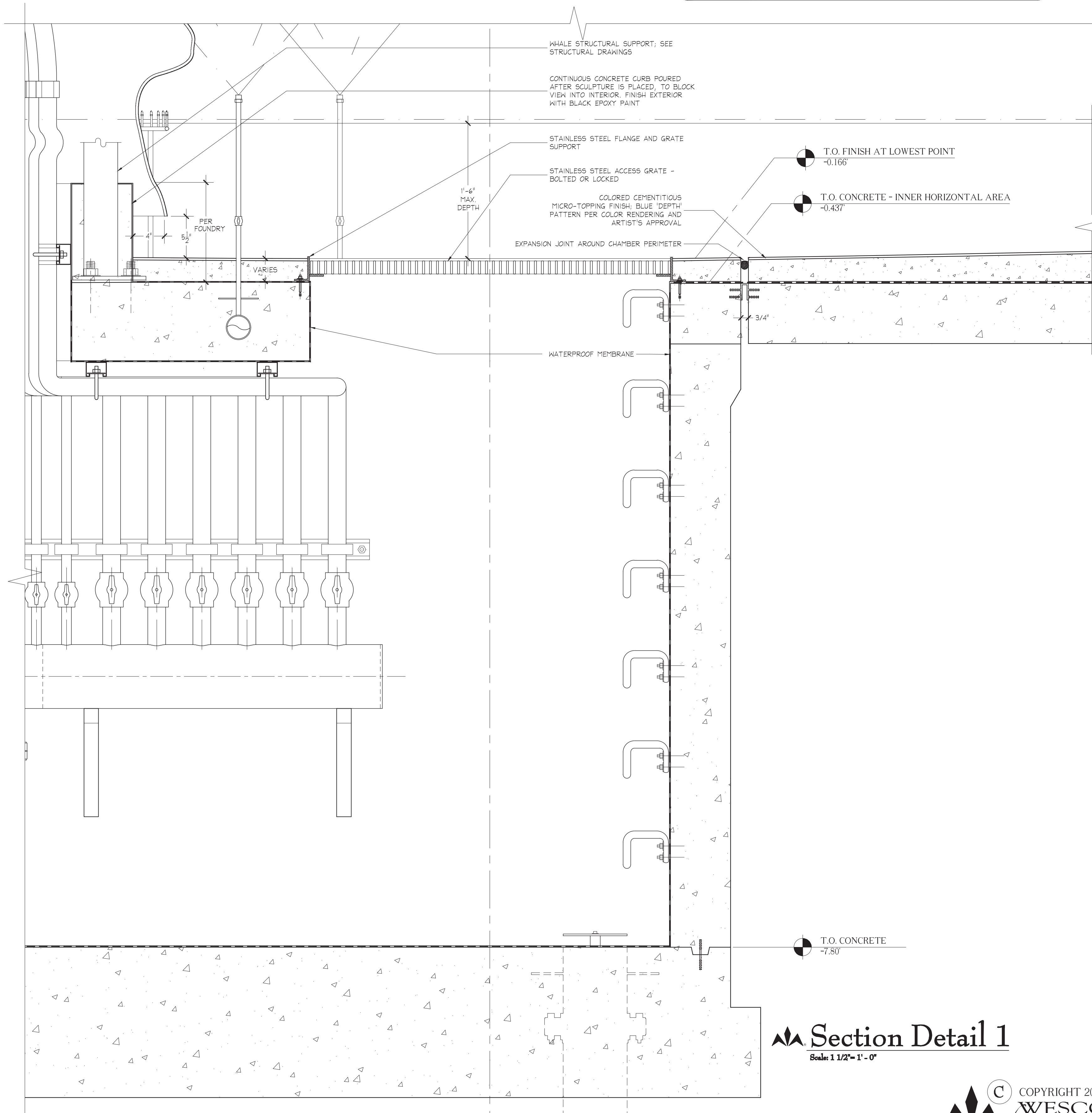
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DRAWN BY: CR
PROJECT NO.: 3145
DATE: 9/14/15

WF-3.10

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Section Detail 2
Scale: 1 1/2" = 1' - 0"



Section Detail 1
Scale: 1 1/2" = 1' - 0"

NOTES:

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3445 TECHNOLOGY DRIVE
NORTH VENICE, FLORIDA 34275
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FAX: 941.484.9302

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The Whale Project
Water Feature
Enlarged Section Details

REV	REFERENCE & DESCRIPTION	DATE	BY
100%	CONSTRUCTION DOCUMENTS	2/14/14	CR

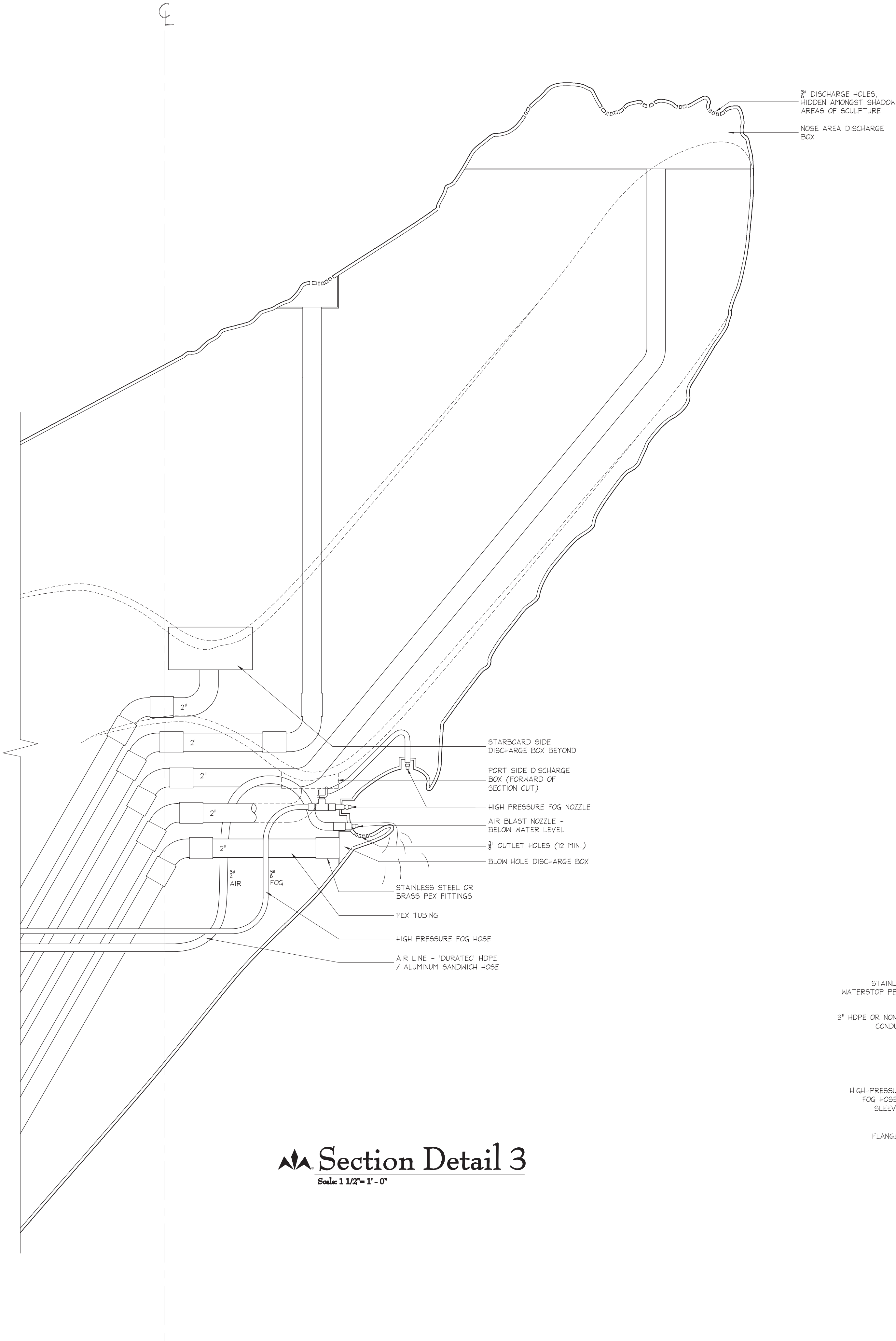
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DRAWN BY: CR
PROJECT NO.: 3145
DATE: 9/14/15



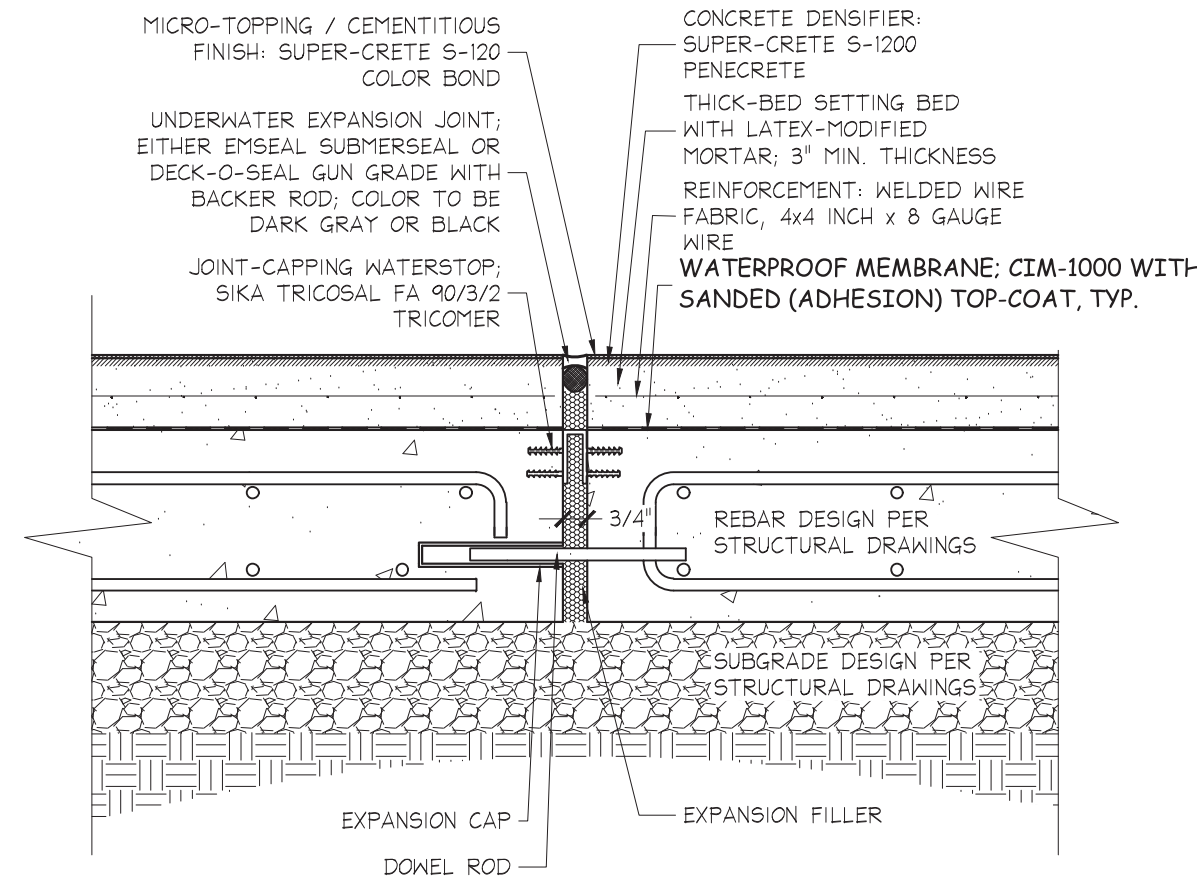
REV.	DATE
0	9/14/2015

WF-3.11

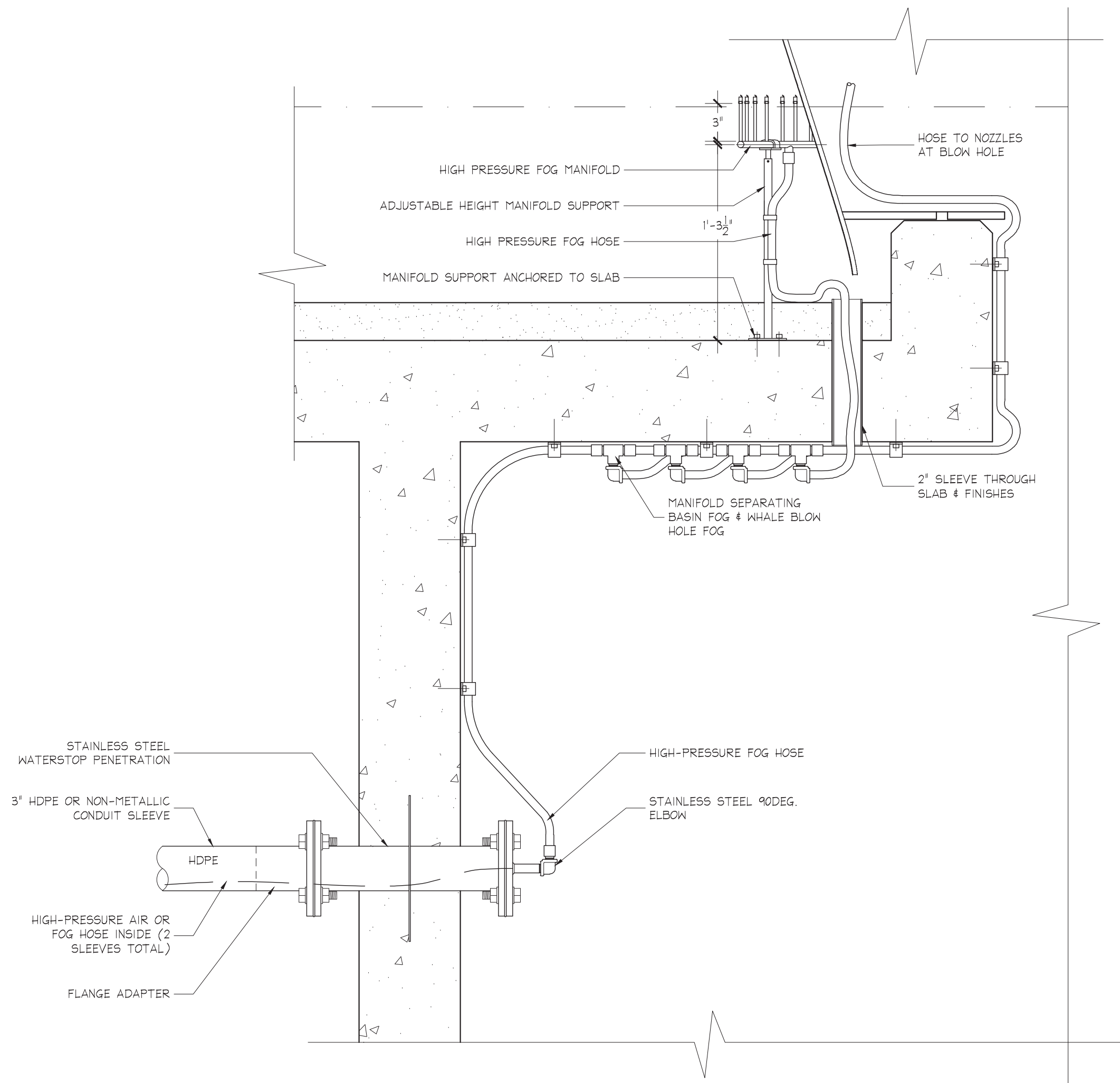
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Section Detail 3
Scale: 1 1/2" = 1' - 0"



Section Detail 2
Scale: 1 1/2" = 1' - 0"



Section Detail 1
Scale: 1 1/2" = 1' - 0"

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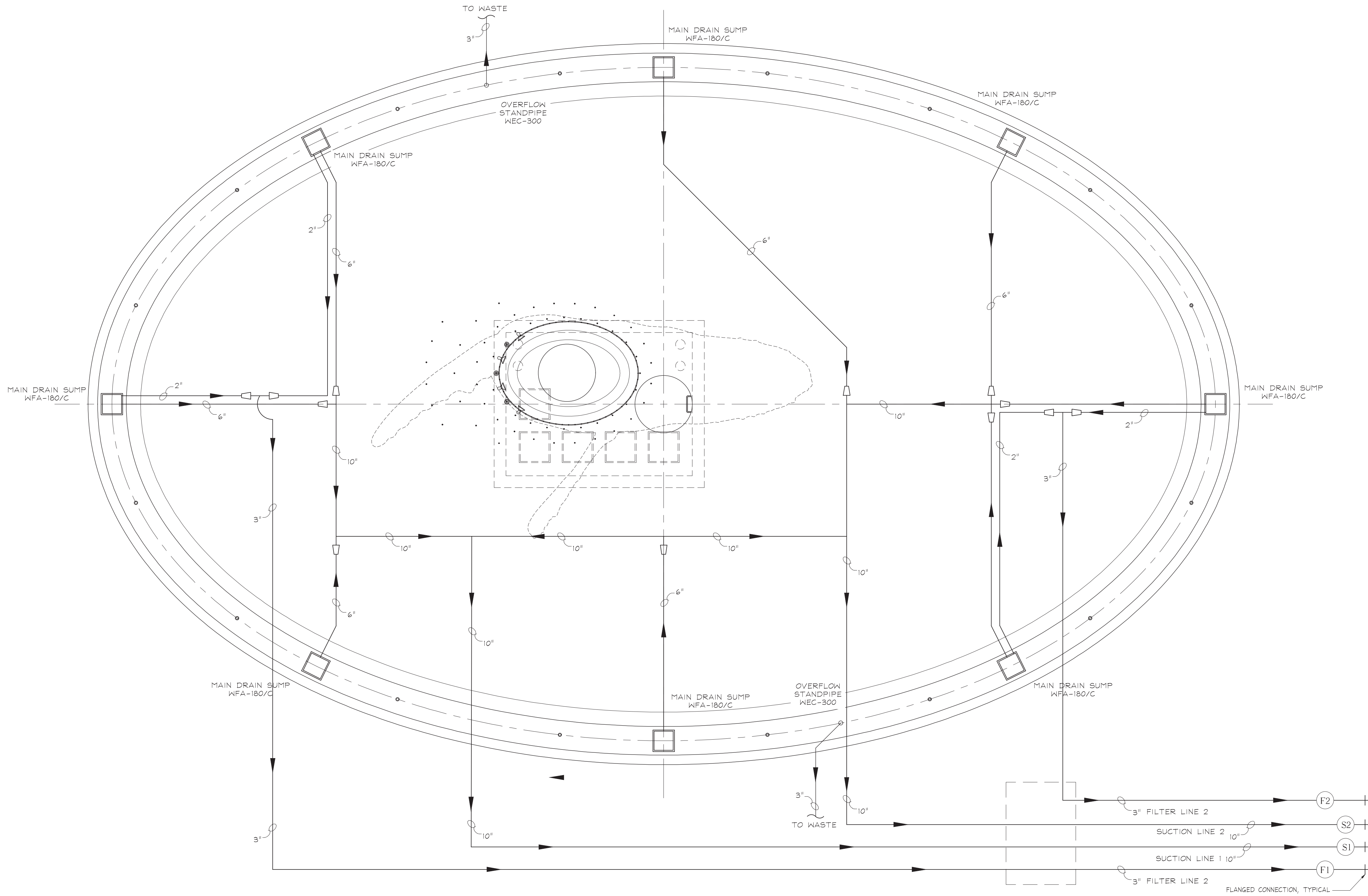
The Whale Project
Water Feature
Enlarged Section Details

REV	REFERENCE & DESCRIPTION	DATE	BY
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PROJECT NO.: 3145
DATE: 9/14/15

WF-3.12

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REV. DATE
0 9/14/2015

 **Suction Schematic**

The Whale Project
Water Feature
Suction Schematic

REV	REFERENCE & DESCRIPTION	DATE	BY
100%	CONSTRUCTION DOCUMENTS	2/14/14	CR

D.E.S.D. NO.: 2
DRAWN BY: CR
PROJECT NO.: 3145
DATE: 9/14/15

WF-H1

The Whale Project

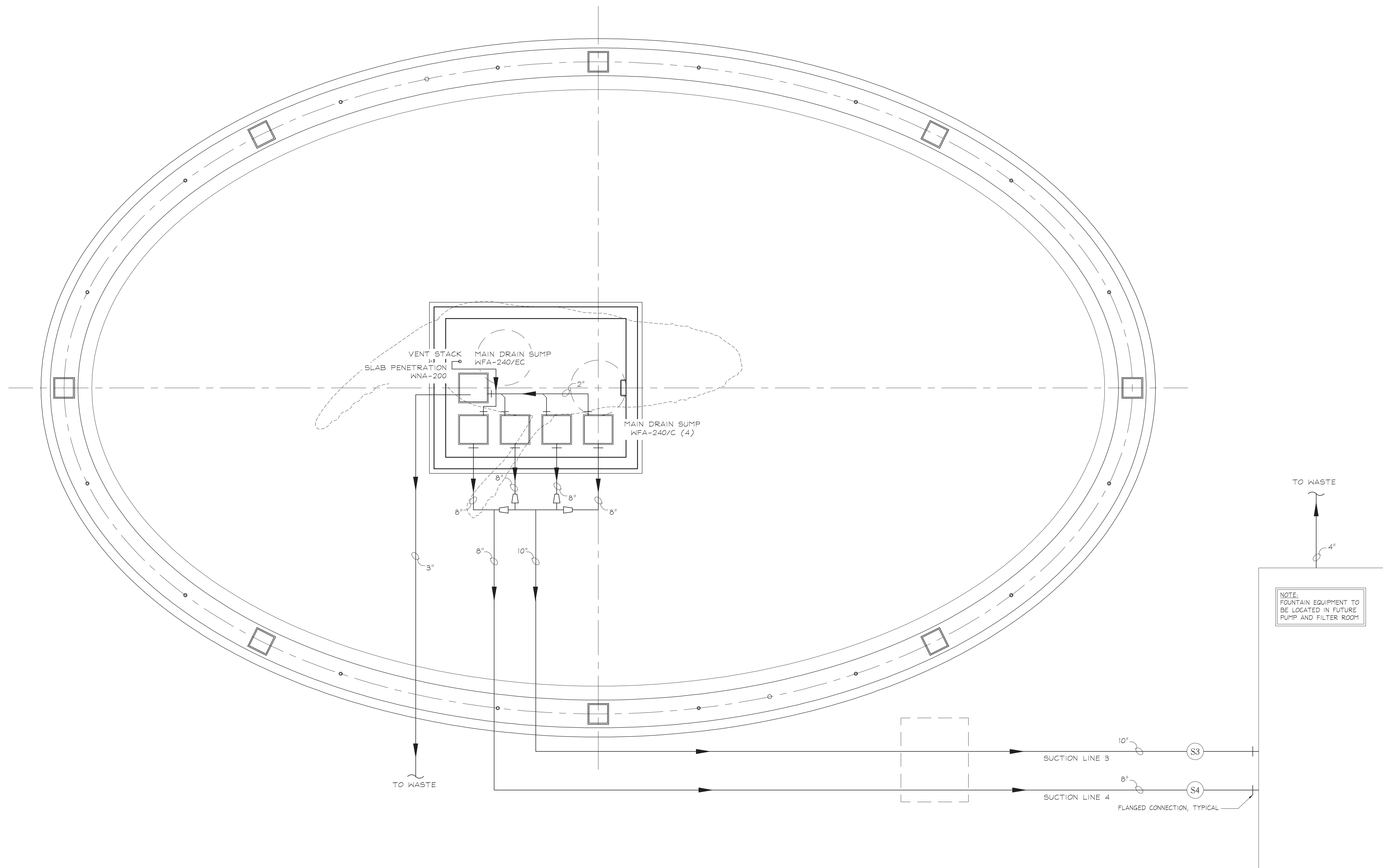
Water Feature

Suction Schematic

REV	REFERENCE & DESCRIPTION	DATE	BY
	100% CONSTRUCTION DOCUMENTS	2/14/14	CR

D.E.S.D. NO.:
DRAWN BY: C
PROJECT NO.: 314
DATE: 9/14/15

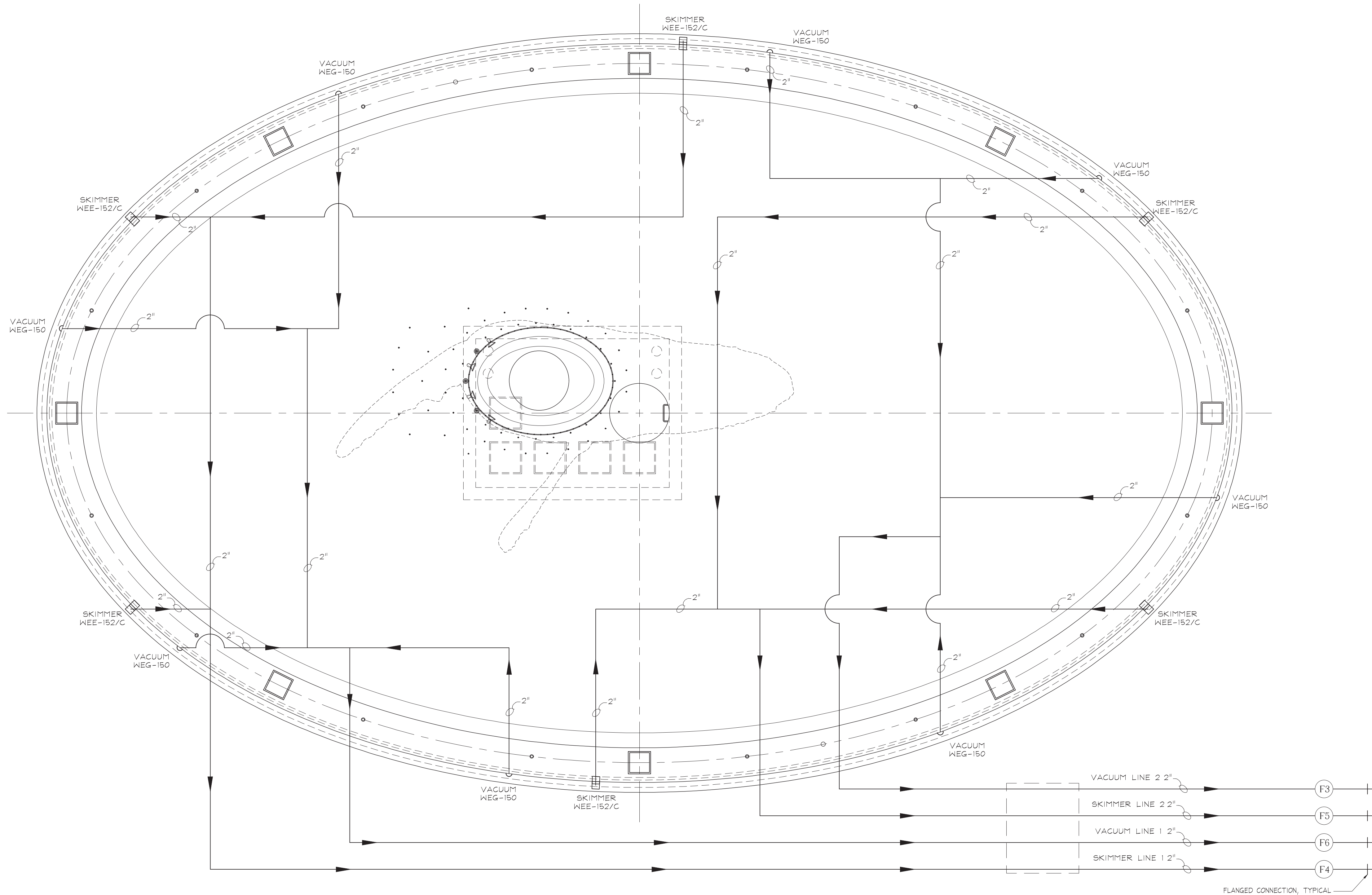
WF-H2



 **Suction Schematic**
Scale: 1/4" = 1' - 0"

REV.	DATE
0	9/14/2015

\\DATA_STORAGE\\VOLUME_1\\PROJECTS\\NEW\\PROJECTS-2013\\THE WHALE PROJECT - 3145\\THE WHALE PROJECT - 3145.DWG - PLOTTED: 9/15/2015 4:15 PM - SHEET SIZE: ARCH EXPAND D (24.00 X 36.00 INCHES)



 **Suction Schematic**
Scale: 1/4" = 1' - 0"

REV.	DATE
0	9/14/2015

The Whale Project

Water Feature

Suction Schematic

REV.	REFERENCE & DESCRIPTION	DATE	BY
0	100% CONSTRUCTION DOCUMENTS	2/14/14	CR

D.E.S.D. NO:	2
DRAWN BY:	CR
PROJECT NO:	3145
DATE:	9/14/15

WF-H3

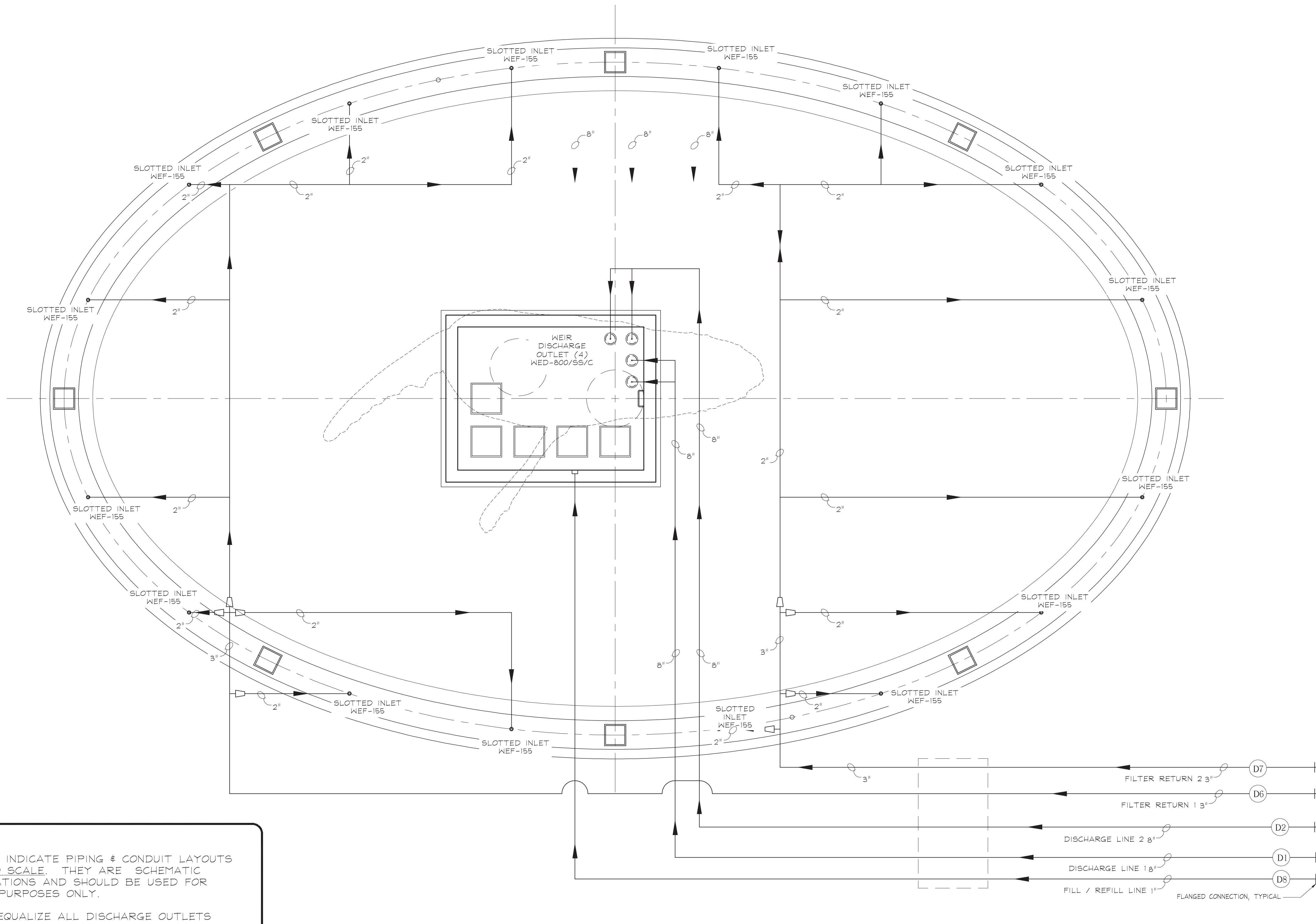
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NOTES:

LINES WHICH INDICATE PIPING & CONDUIT LAYOUTS ARE NOT TO SCALE. THEY ARE SCHEMATIC REPRESENTATIONS AND SHOULD BE USED FOR REFERENCE PURPOSES ONLY.

BALANCE & EQUALIZE ALL DISCHARGE OUTLETS



Discharge Schematic - Filter & Weir Pumps
Scale: 1/4" = 1' - 0"

REV. 0 DATE 9/14/2015

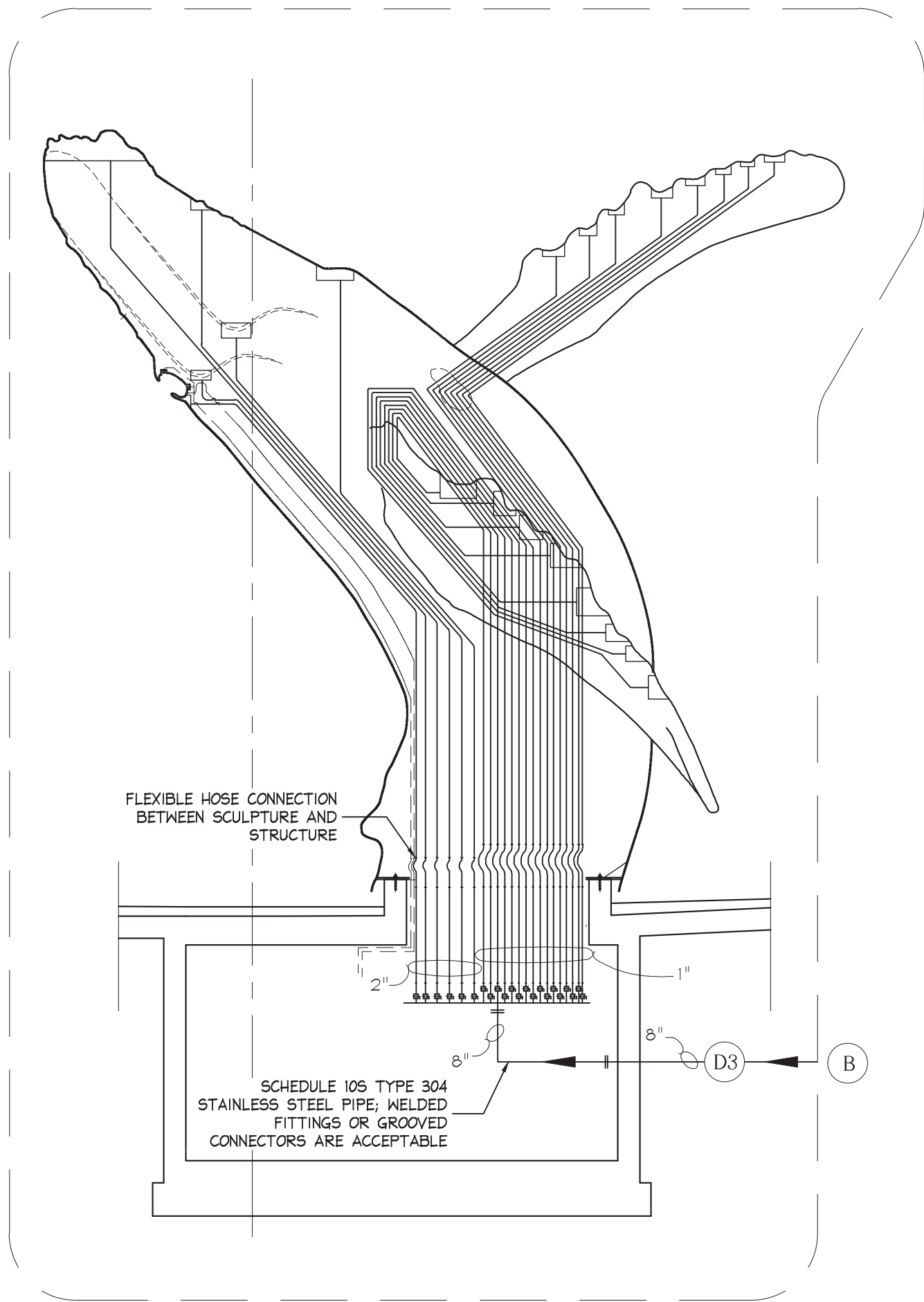
The Whale Project
Water Feature
Discharge Schematic

REV	REFERENCE & DESCRIPTION	DATE	BY
1	100% CONSTRUCTION DOCUMENTS	2/14/14	CR
2			
3			
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D.E.S.D. NO.: 2
DRAWN BY: CR
PROJECT NO.: 3145
DATE: 9/14/15

WF-H4

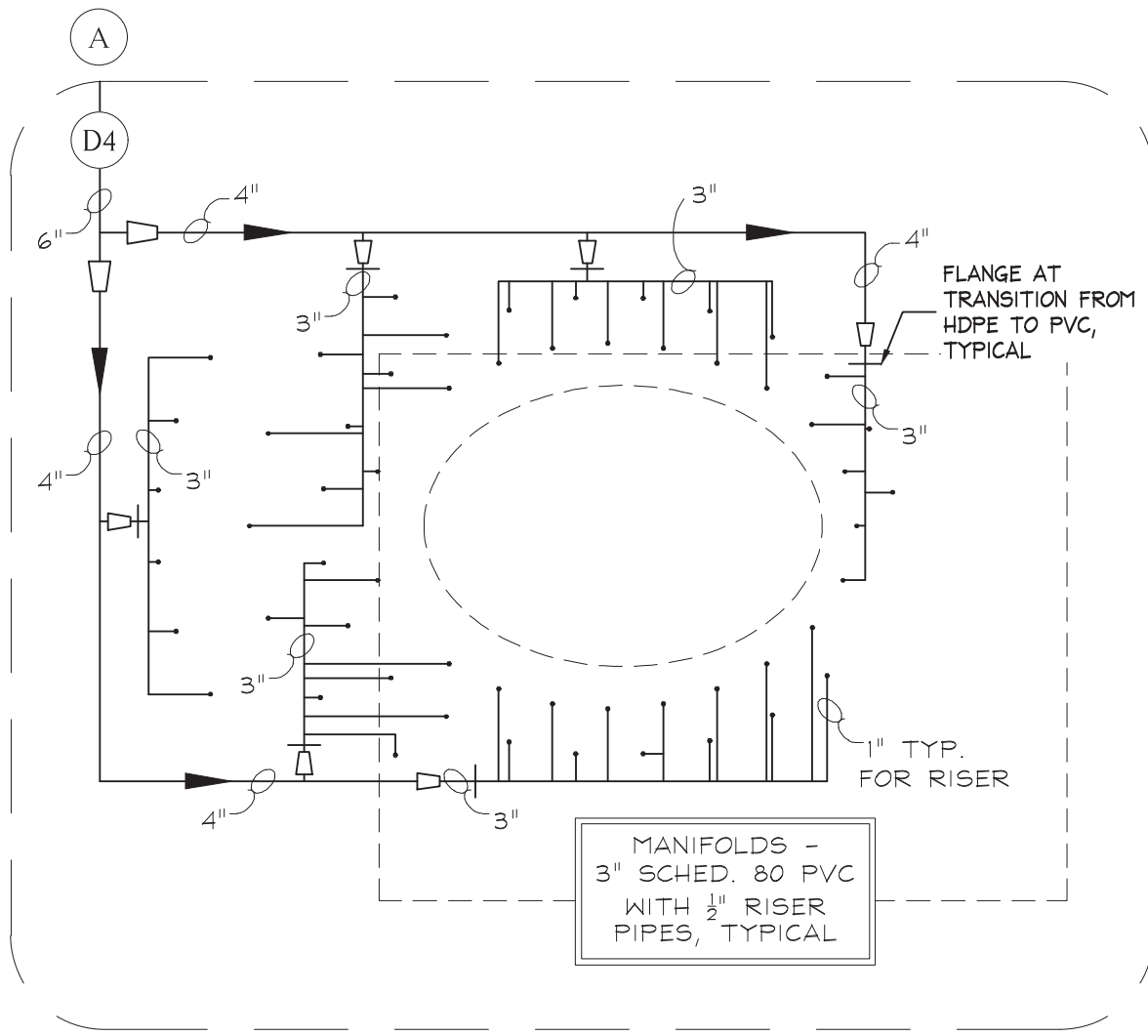
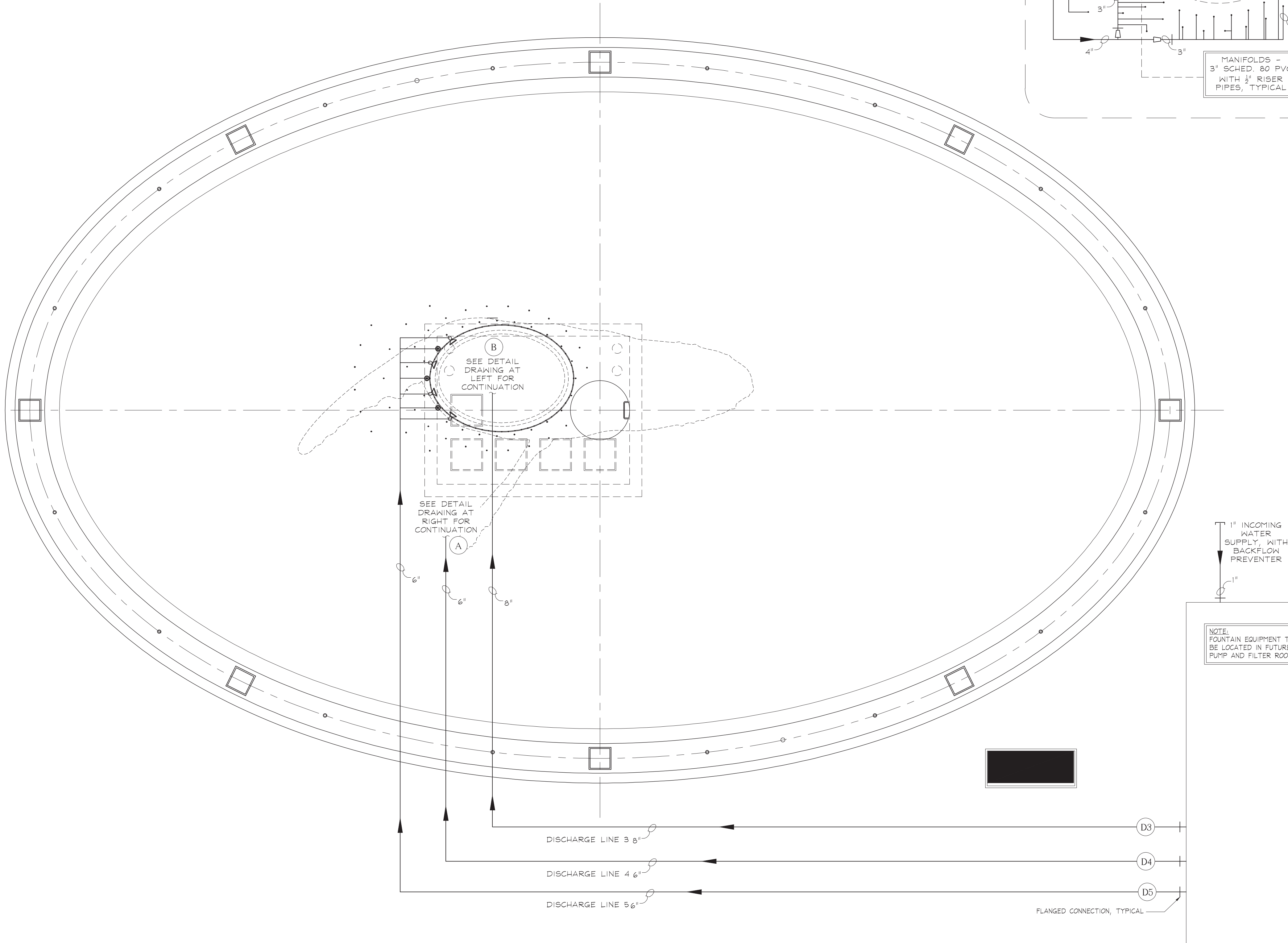
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NOTES:

Lines which indicate piping & conduit layouts are NOT TO SCALE. THEY ARE SCHEMATIC REPRESENTATIONS AND SHOULD BE USED FOR REFERENCE PURPOSES ONLY.

BALANCE & EQUALIZE ALL DISCHARGE OUTLETS



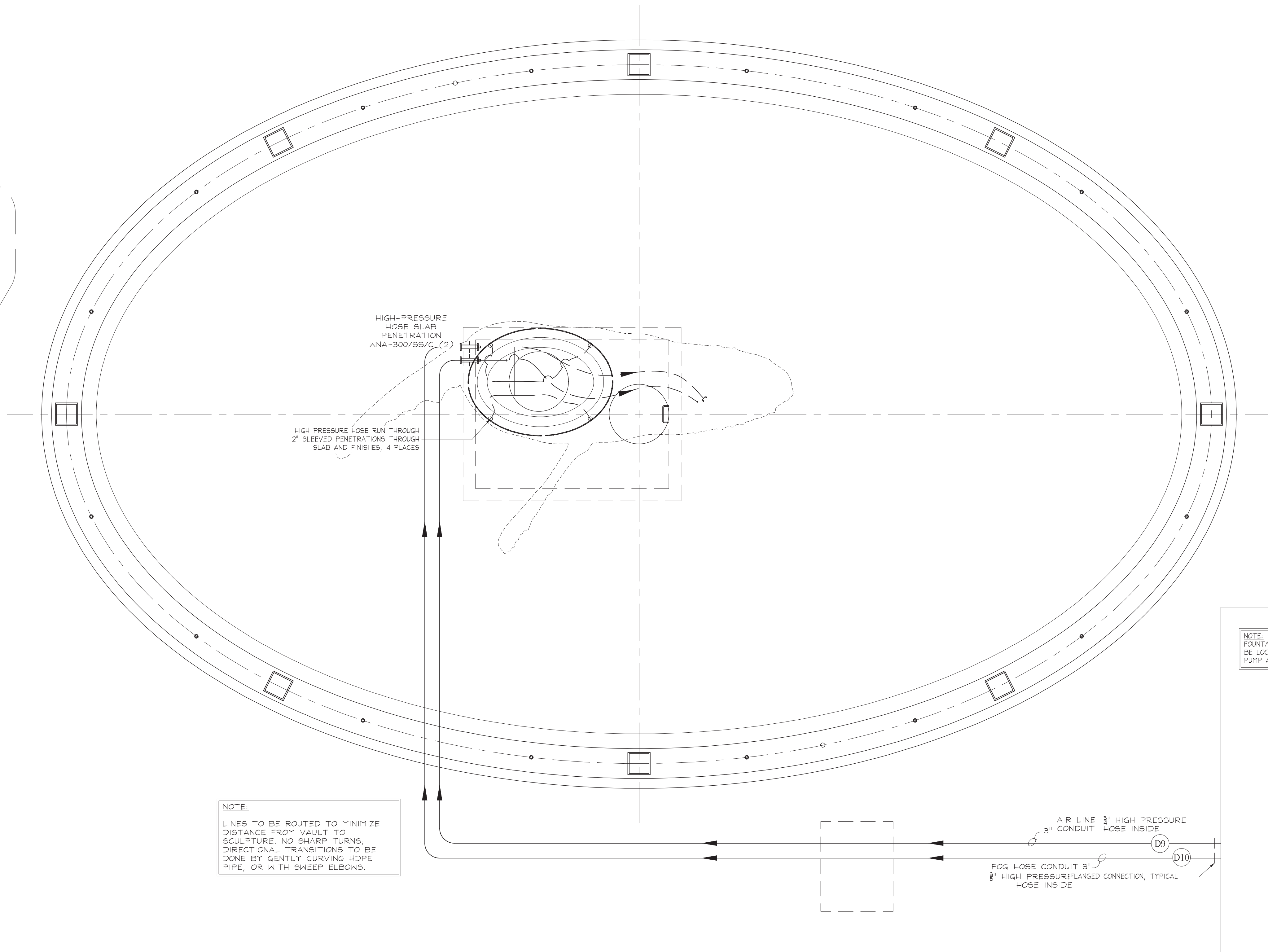
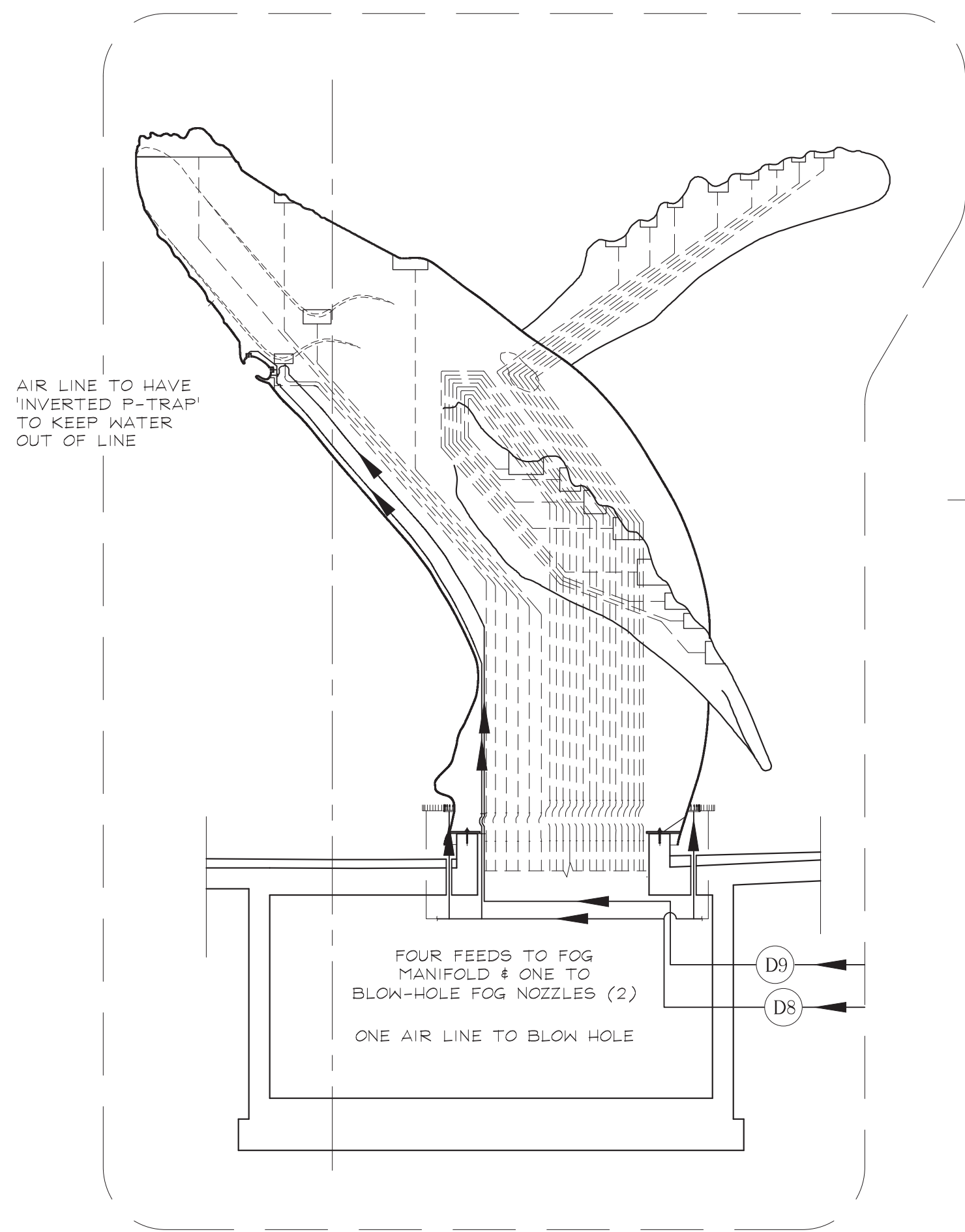
Discharge Schematic - Whale Splash Effects

Scale: 1/4" = 1' - 0"

REV	REFERENCE & DESCRIPTION	DATE	BY
100%	CONSTRUCTION DOCUMENTS	2/14/14	CR

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DRAWN BY: CR
PROJECT NO.: 3145
DATE: 9/14/15

\\DATA_STORAGE\\VOLUME_1\\PROJECTS\\NEW\\PROJECTS-2013\\THE WHALE PROJECT - 3145\\THE WHALE PROJECT - 3145.DWG - PLOTTED: 9/15/2015 4:15 PM - SHEET SIZE: ARCH EXHIBIT D (24.00 X 36.00 INCHES)



 **Discharge Schematic - Fog & Air Lines**
Scale: 1/4" = 1' - 0"

REV.	DATE
0	9/14/2015

The Whale Project
Water Feature
Fog and Air Schematic

REV	REFERENCE & DESCRIPTION	DATE	BY
100%	CONSTRUCTION DOCUMENTS	2/14/14	CR

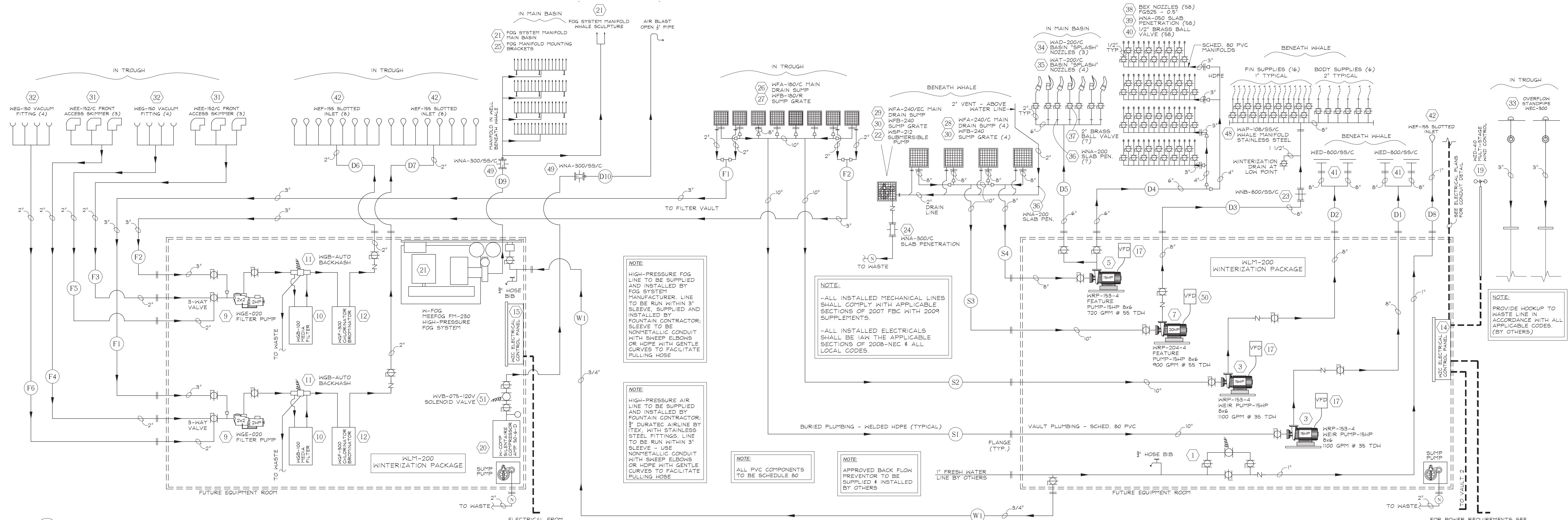
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DRAWN BY:	CR
PROJECT NO.:	3145
DATE:	9/14/15

WF-H6

\\DATA_STORAGE\\VOLUME 1\\PROJECTS NEW\\PROJECTS-2013\\THE WHALE PROJECT - 3145.DWG - PLOTTED: 9/15/2015 4:16 PM - SHEET SIZE: ARCH EXH A D (24.00 X 36.00 INCHES)



Hydraulic Schematic - Vault #2



Hydraulic Schematic - Vault #1

PARTS LIST				
ITEM #	PART#	QTY.	DESCRIPTION	REV
1	NOT USED	0	NOT USED	
2	NOT USED	0	NOT USED	
3	WRP-154-4	2	PACO 15HP PUMP MODEL 11-50957-146L01-2822EE	
4	WRM-200-3886	2	MANIFOLD ASSEMBLY	
5	WRP-153-4	1	PACO 15HP PUMP MODEL 11-40957-133L01-2822EE	
6	WRM-200-3887	1	MANIFOLD ASSEMBLY	
7	WRP-204-4	1	PACO 20HP PUMP MODEL 11-50957-146L01-2852EE	
8	WRM-200-3888	1	MANIFOLD ASSEMBLY	
9	WGE-020	2	2HP FILTER PUMP	
10	WGB-100	2	PERMANT MEDIA FILTER TANK	
11	WGB-AUTO	2	AUTOMATIC BACK WASH VALVE KIT	
12	WCF-300	2	IN-LINE BROMINATOR/CHLORINATOR	
13	WRM-100	2	MANIFOLD ASSEMBLY	
14	WZC-3889	1	CONTROL PANEL	
15	WZC-3890	1	CONTROL PANEL	
16	PROGRAMMING	1	PLC & FOUNTAIN DISPLAY PROGRAMMING	
17	WZV-150	3	VARIABLE FREQUENCY DRIVE	
18	WLM-200	2	WINTERIZATION PACKAGE	
19	WZD-410	1	MULTI-STAGE WIND CONTROL	
20	W-COMP	1	SILENTAIRE COMPRESSOR MODEL AMP 50-6-D	
21	W-FOG	1	MEEFOG FM-230 HI-PRESSURE FOG SYSTEM	
22	WSP-212	1	1HP SUBMERSIBLE PUMP	
23	WNB-800/SS/C	1	8" STAINLESS STEEL WATERSTOP PENETRATION	
24	WNA-300/C	1	3" NPT STAINLESS STEEL WATERSTOP PENETRATION	
25	W-FOG BRACKETS	12	ADJUSTABLE STAINLESS STEEL MOUNTING BRACKETS	
26	WFA-180/C	8	18" MAIN DRAIN SUMP	
27	WFB-180/R	8	RISER STYLE SUMP GRATE	
28	WFA-240/C	4	24" MAIN DRAIN SUMP	
29	WFA-240/EC	1	24" MAIN DRAIN SUMP (EXTENDED DEPTH)	
30	WFB-240	5	SUMP GRATE	
31	WEB-152/C	6	FRONT ACCESS SKIMMER	
32	WEG-150	8	VACUUM FITTING	
33	WEC-300	2	BRASS & COPPER OVERFLOW STANDPIPE	
34	WAD-200/C	3	CUSTOM 'SPLASH' EFFECT NOZZLE	
35	WAT-200/C	4	2" FAN JET	
36	WNA-200	8	2" STAINLESS STEEL SLAB PENETRATION	
37	WBV-020	7	2" FULL PORT BRASS BALL VALVE	
38	W-FC525	58	REX 0.5" SPRAY NOZZLES PART #FG525	
39	WNA-050	58	1/2" STAINLESS STEEL SLAB PENETRATION	
40	WVB-005	58	1/2" FULL PORT BRASS BALL VALVE	
41	WED-800/SS/C	4	8" OUTLET FITTING W/ DIVERTER PLATE	
42	WER-155	17	BRASS SLOTTED INLET	
43	WDB-201/C	1	RECESSED STYLE LEVEL SENSOR	
44	WBD-292-LV-W	19	SUBMERSIBLE BRASS WHITE LED LIGHT	
45	WCB-113	5	FLUSH MOUNT UNDERWATER J-BOX W/ 3 CORD-SEALS	
46	WCB-112	2	FLUSH MOUNT UNDERWATER J-BOX W/ 2 CORD-SEALS	
47	WCC	7	RE-ENTERABLE POTTING COMPOUND	
48	WAP-108/SS/C	1	STAINLESS STEEL DISCHARGE MANIFOLD	
49	WNA-300/SS/C	2	3" STAINLESS STEEL PRESSURE HOSE PENETRATION	
50	WZV-200	1	VARIABLE FREQUENCY DRIVE	
51	WVB-075-120V	1	3/4" SOLENOID VALVE, 120V OPERATION	
52	WNA-075	7	3/4" STAINLESS STEEL WATER STOP PENETRATIONS	

The Whale Project

Water Feature

Hydraulic Schematic and Parts List

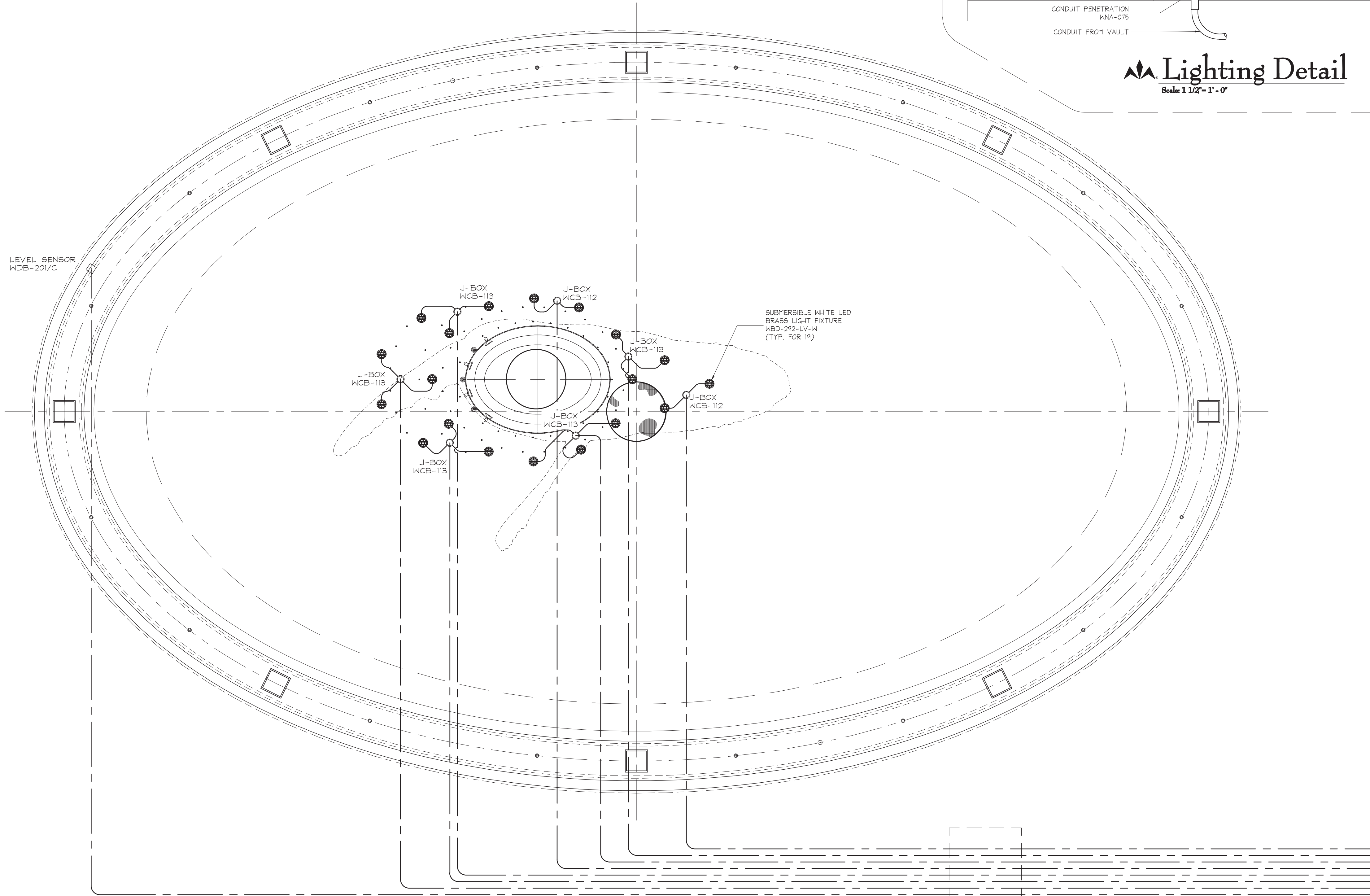
REV	DATE	BY	REFERENCE & DESCRIPTION
100%	2/14/14	CR	CONSTRUCTION DOCUMENTS

D.E.S.D. NO.:	2
DRAWN BY:	CR
PROJECT NO.:	3145
DATE:	9/14/15

WF-H7

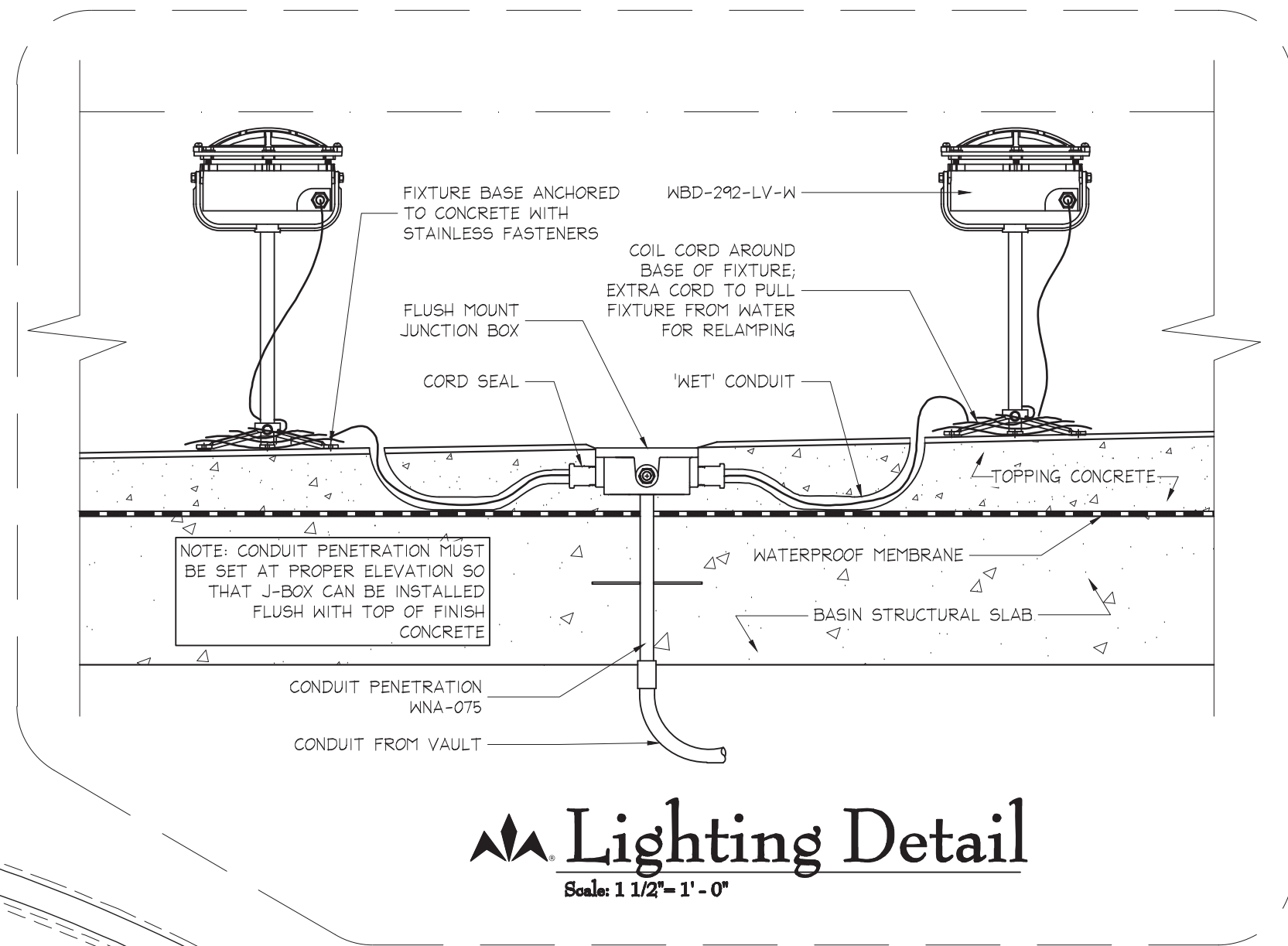


\\DATA_STORAGE\\VOLUME 1\\PROJECTS NEW\\PROJECTS-2013\\THE WHALE PROJECT - 3145\\THE WHALE PROJECT - 3145.DWG - PLOTTED: 9/15/2015 4:16 PM - SHEET SIZE: ARCH EXPAND D (24.00 X 36.00 INCHES)



 **Electrical Conduit Plan**
Scale: 1/4" = 1' - 0"

REV.	DATE
0	9/14/2015



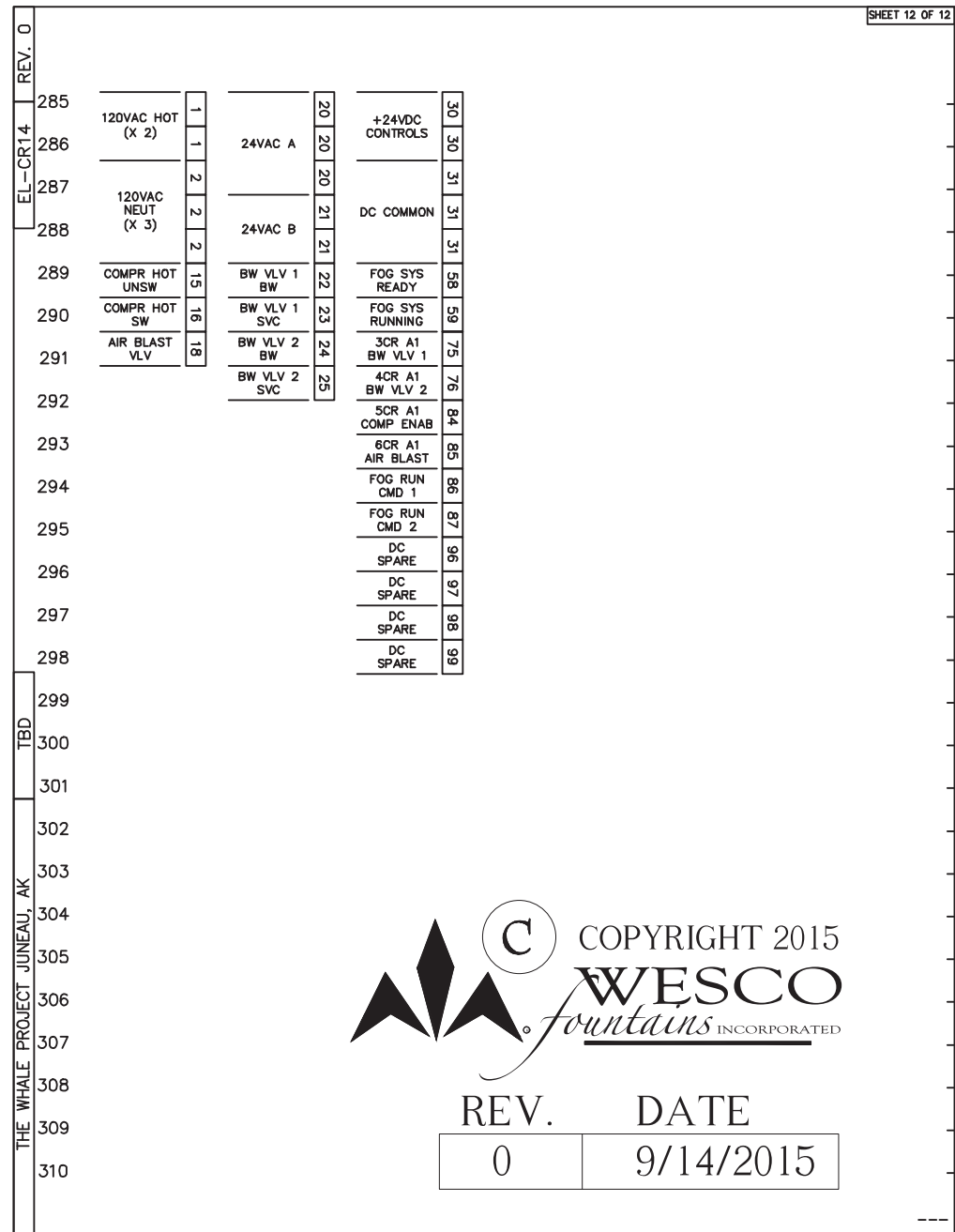
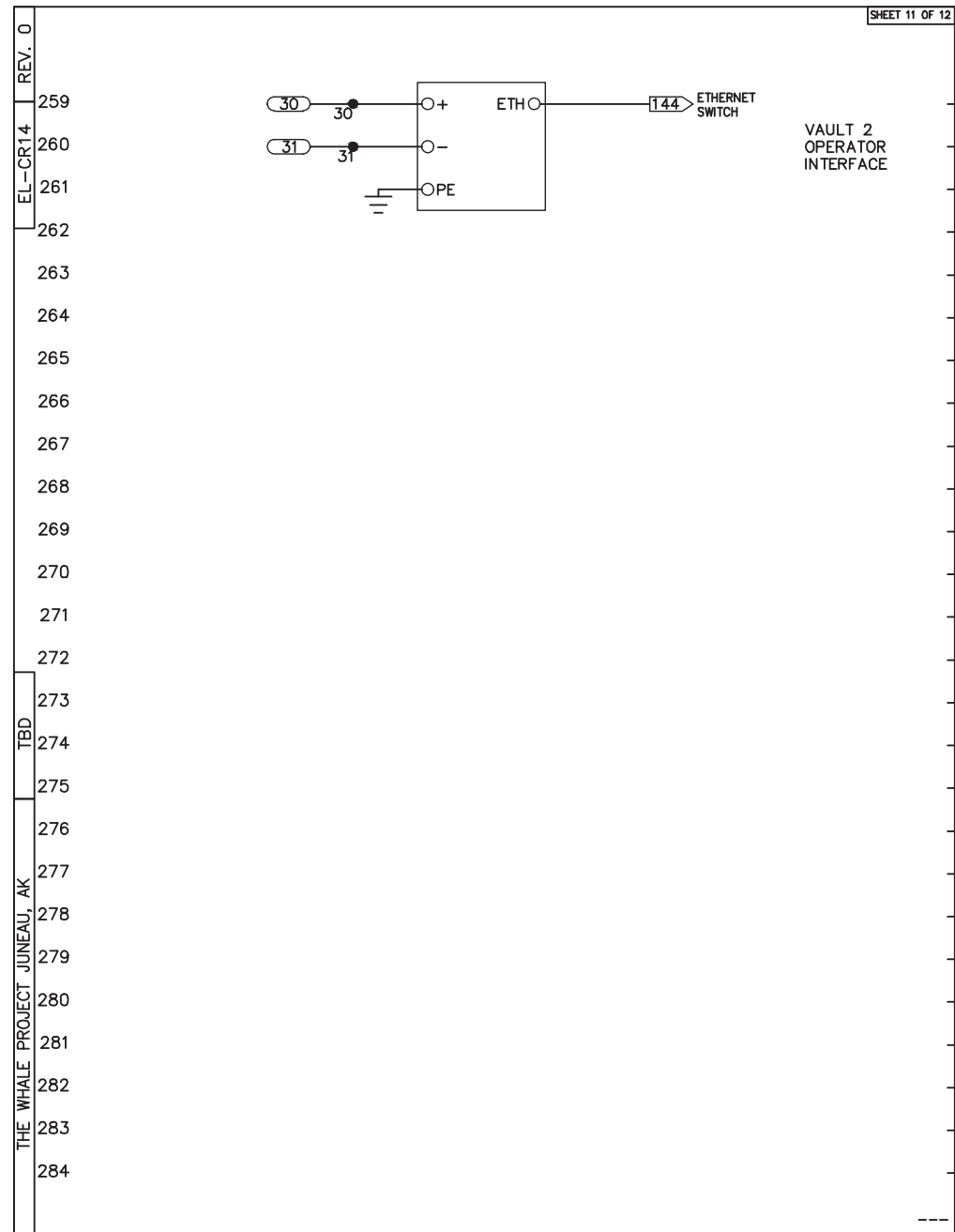
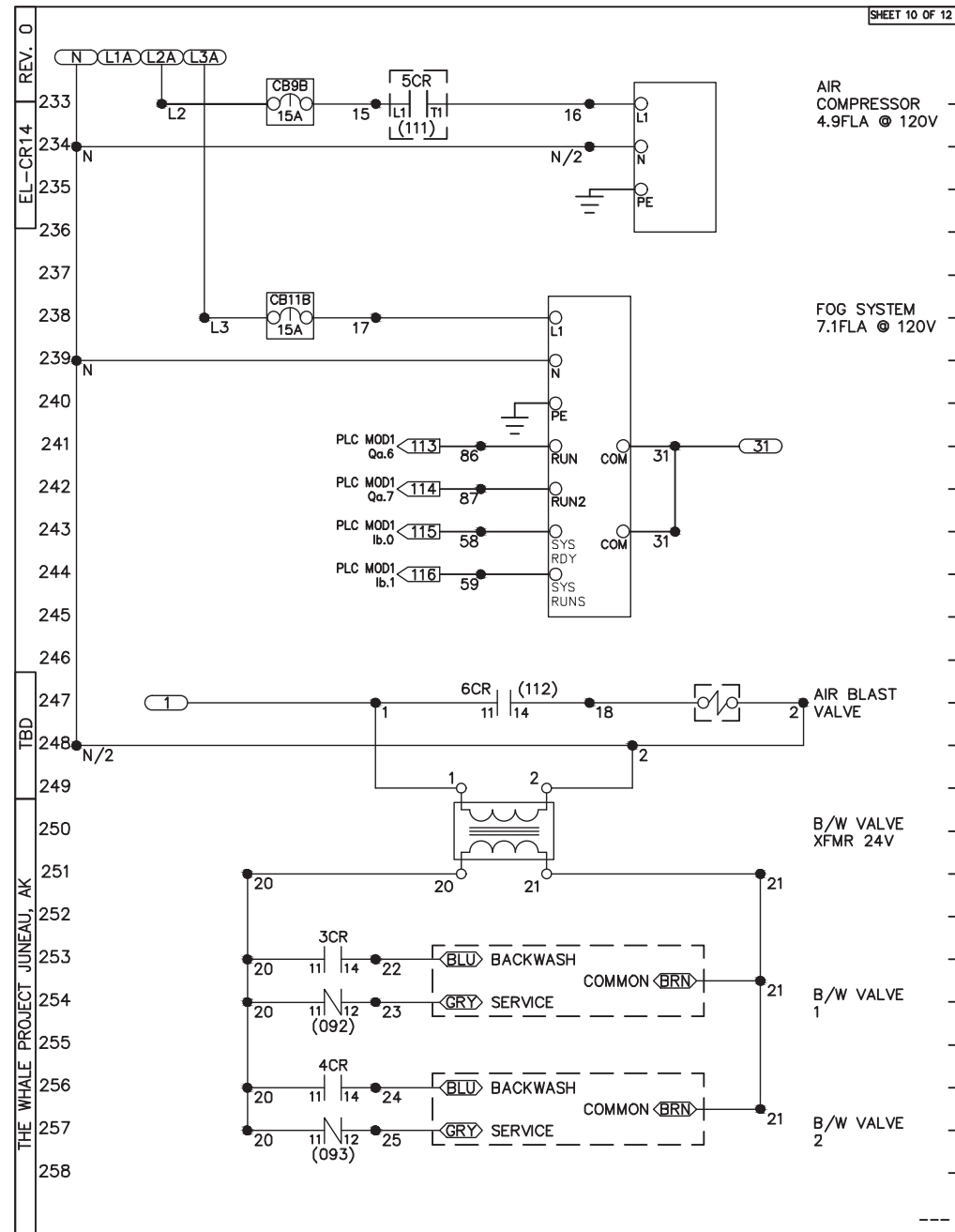
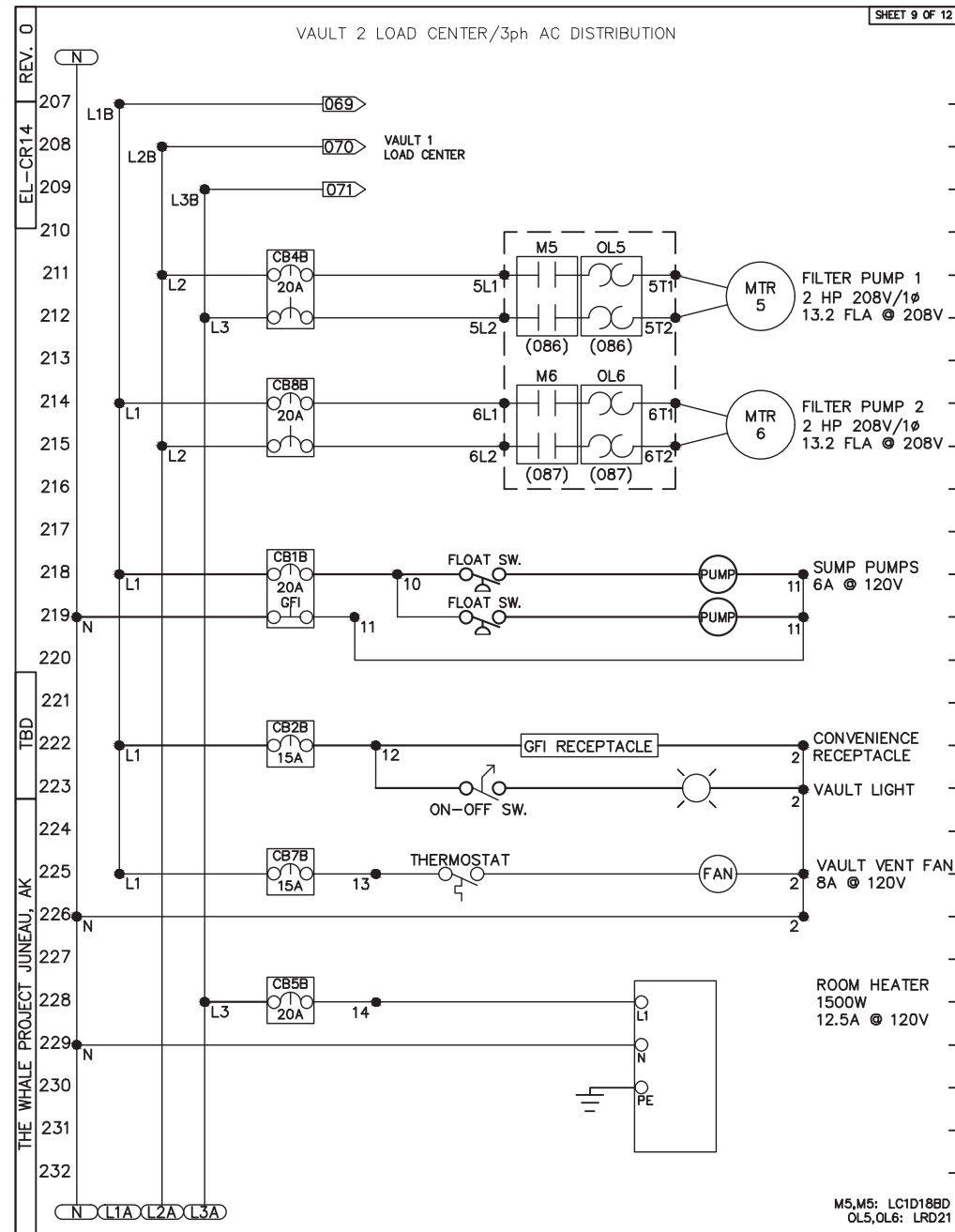
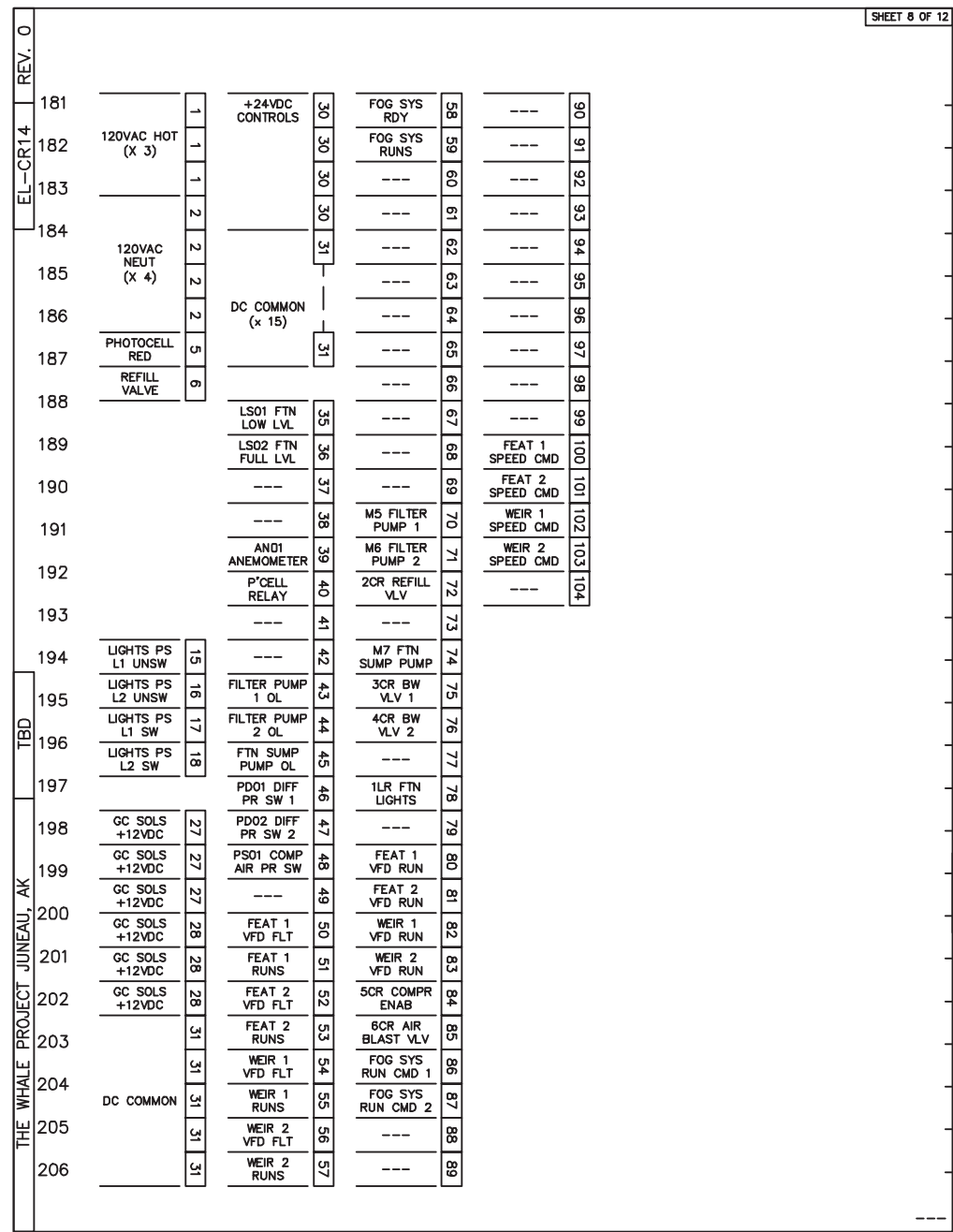
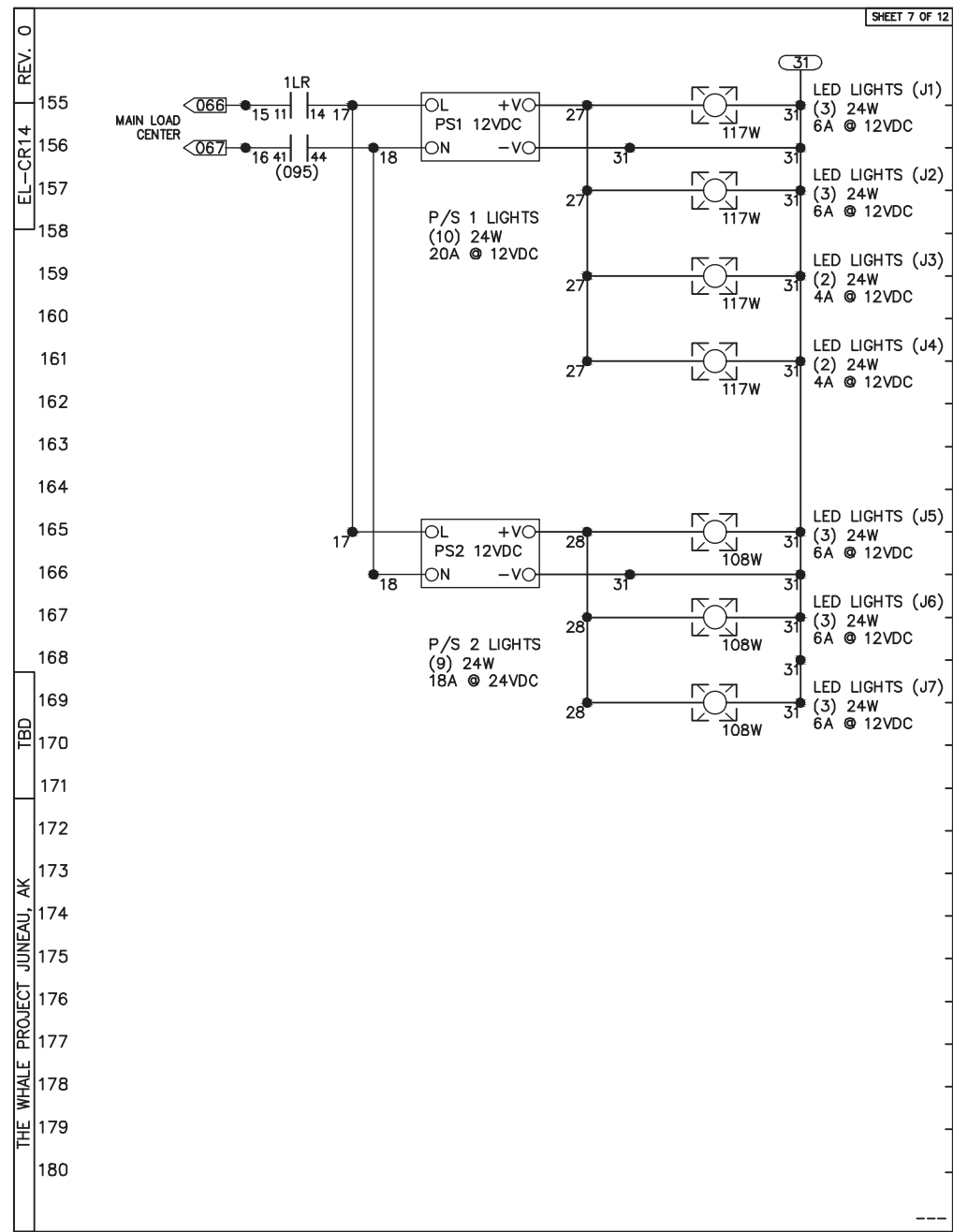
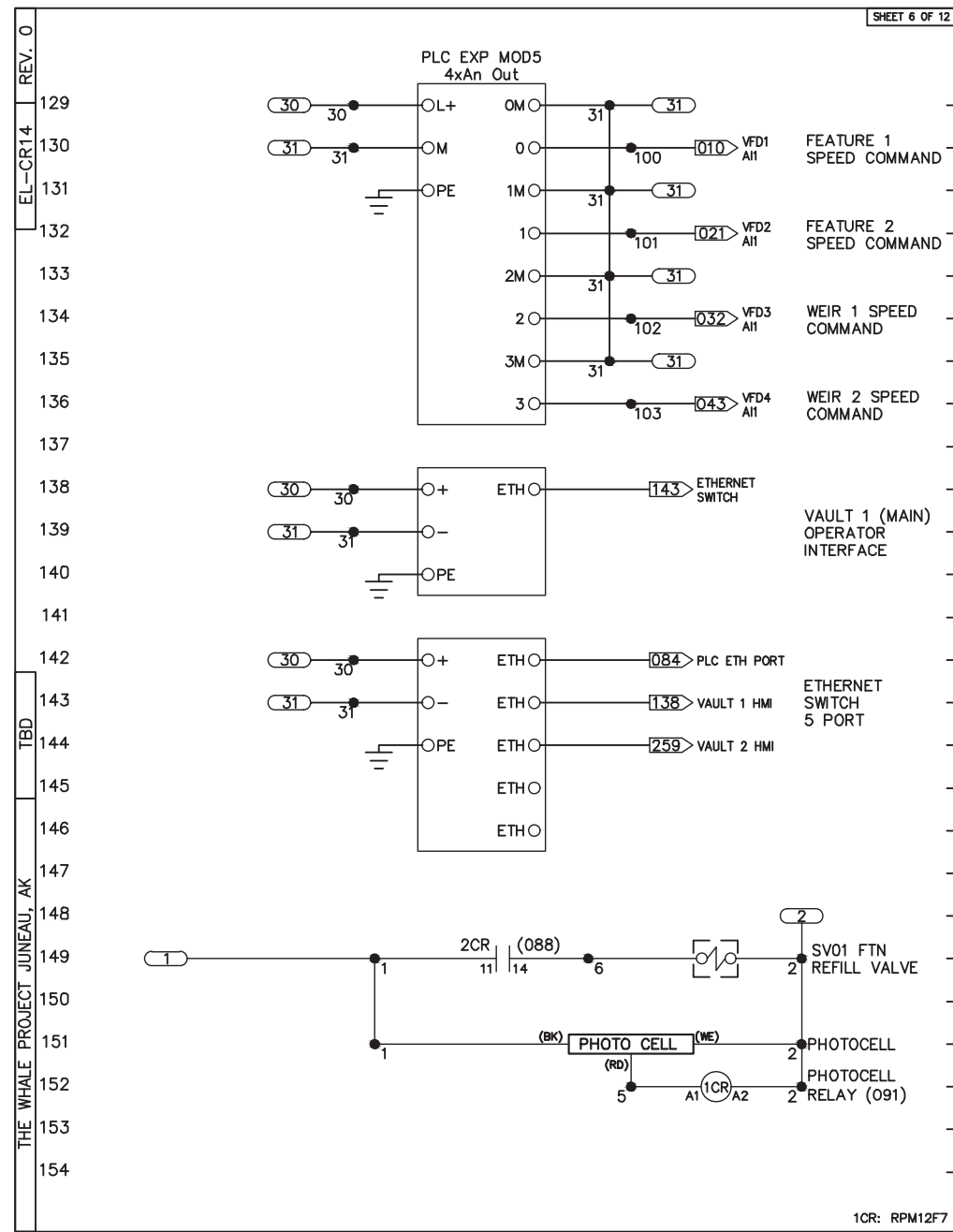
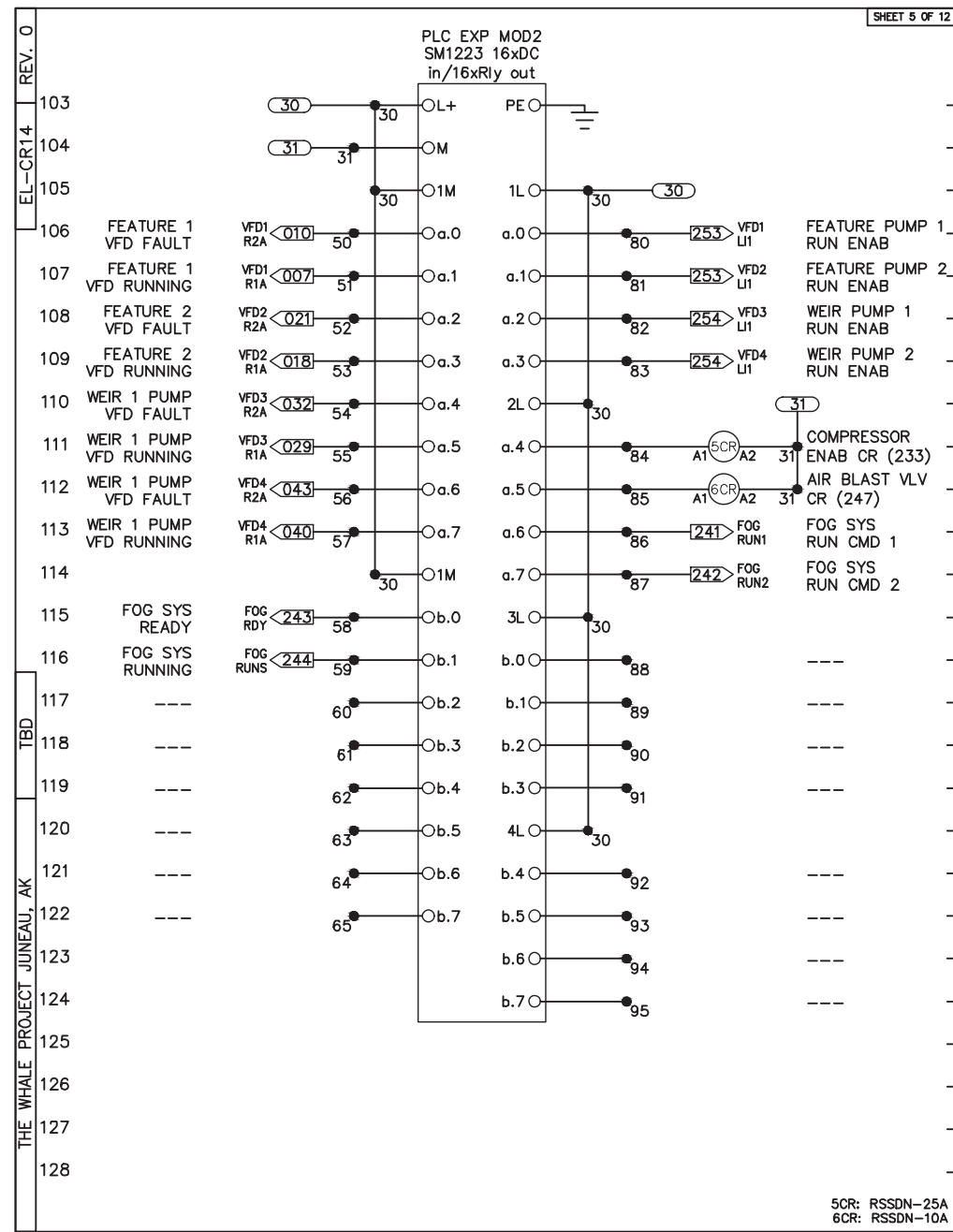
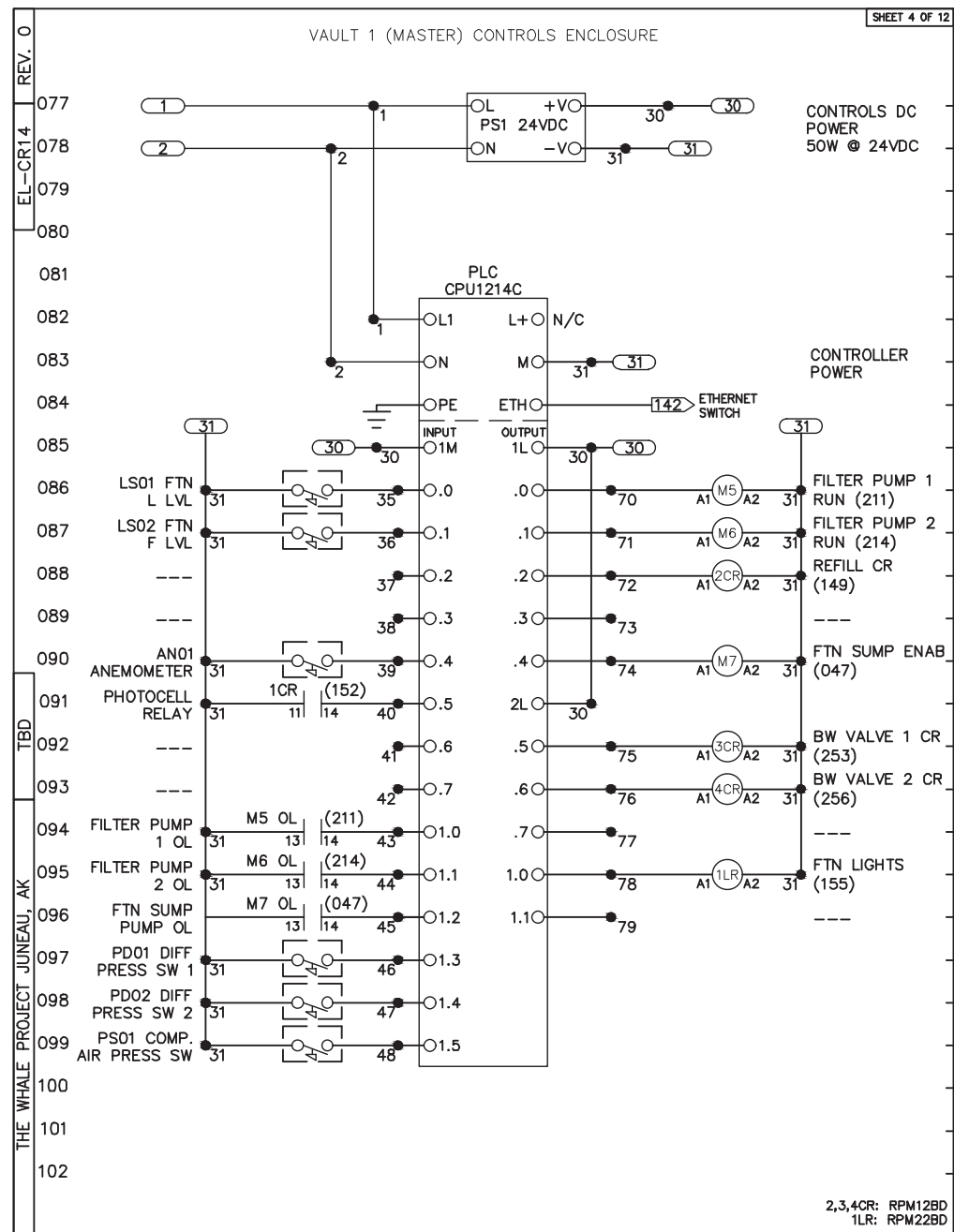
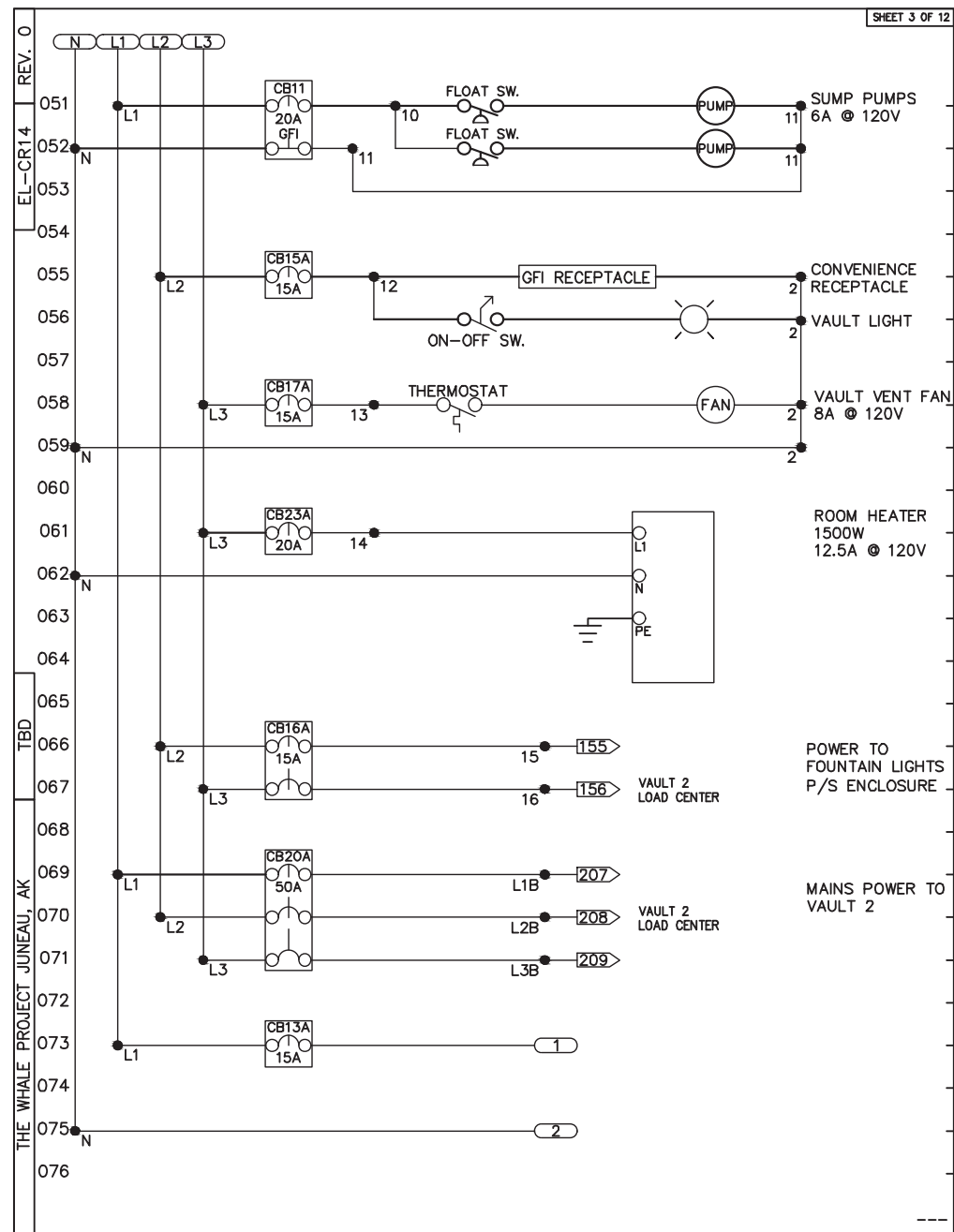
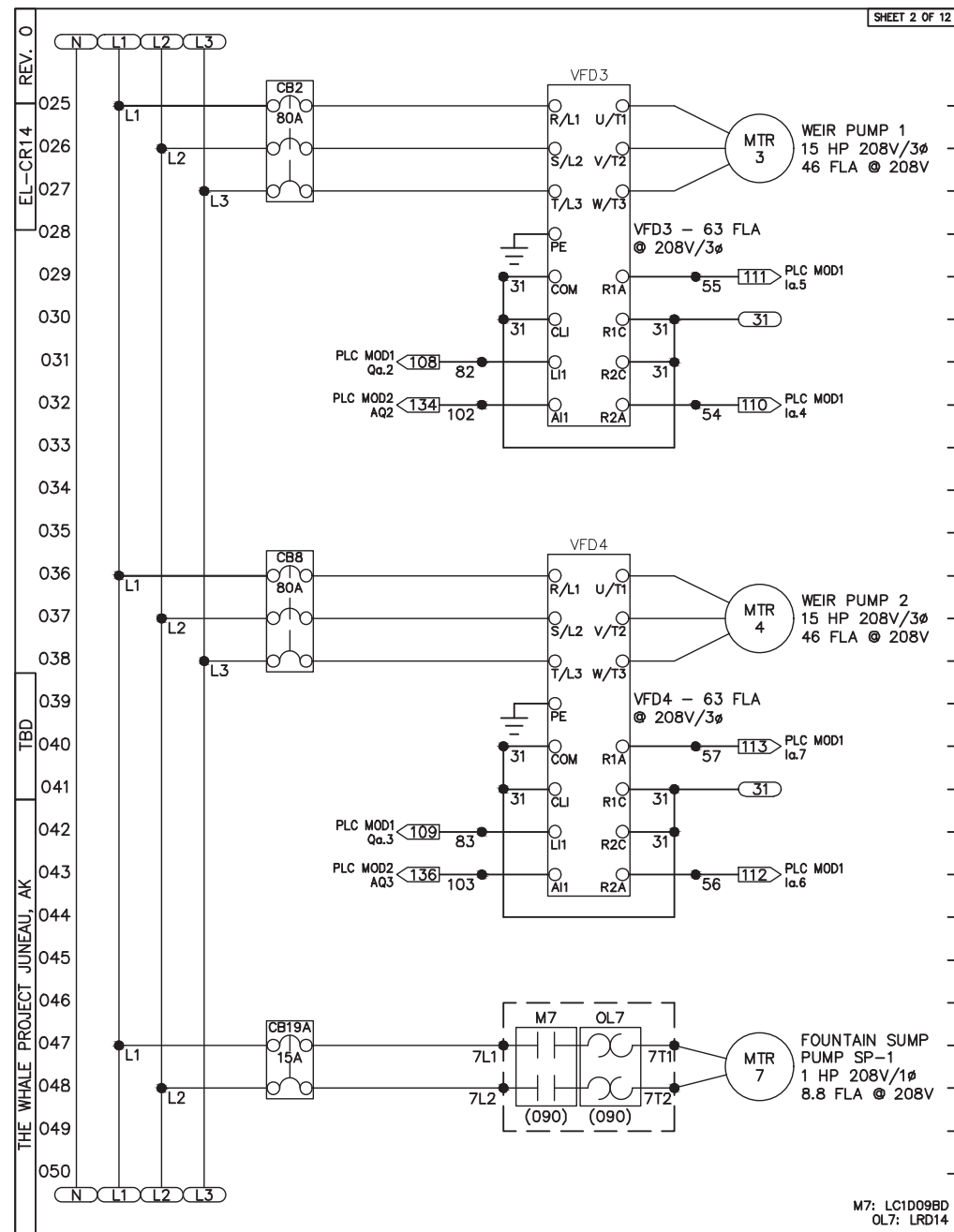
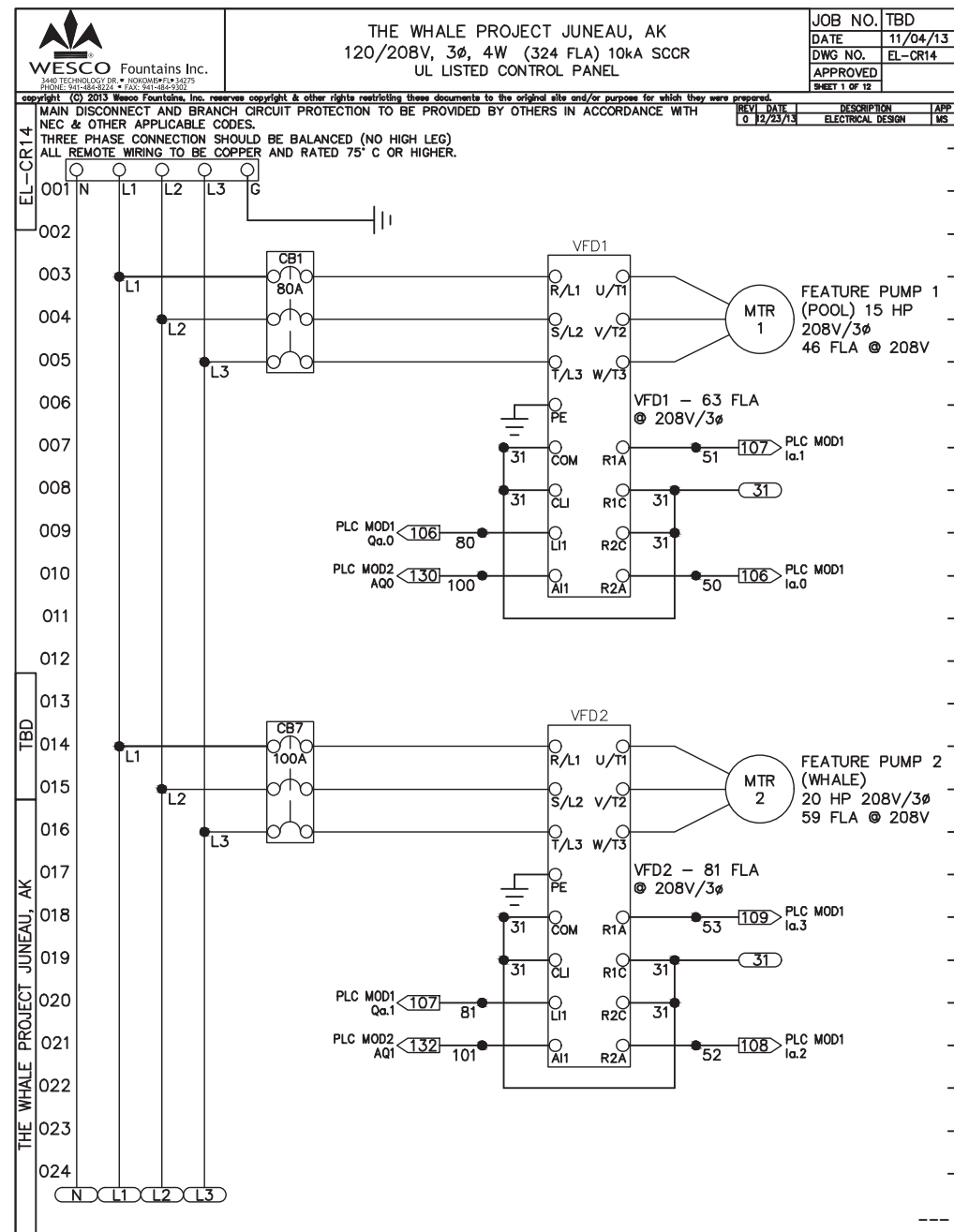
 **Lighting Detail**
Scale: 1 1/2" = 1' - 0"

The Whale Project
Water Feature
Electrical Schematics

REV	REFERENCE & DESCRIPTION	DATE	BY
100%	CONSTRUCTION DOCUMENTS	2/14/14	CR

D.E.S.D. NO.: 2
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PROJECT NO.: 3145
DATE: 9/14/15

WF-E1



Electrical Control Panel Schematic

REV	REFERENCE & DESCRIPTION	DATE	BY
	100% CONSTRUCTION DOCUMENTS	2/14/14	CR

D.E.S.D. NO.: 2
 DRAWN BY: CR
 PROJECT NO.: 3145
 DATE: 9/14/13

WF-E2

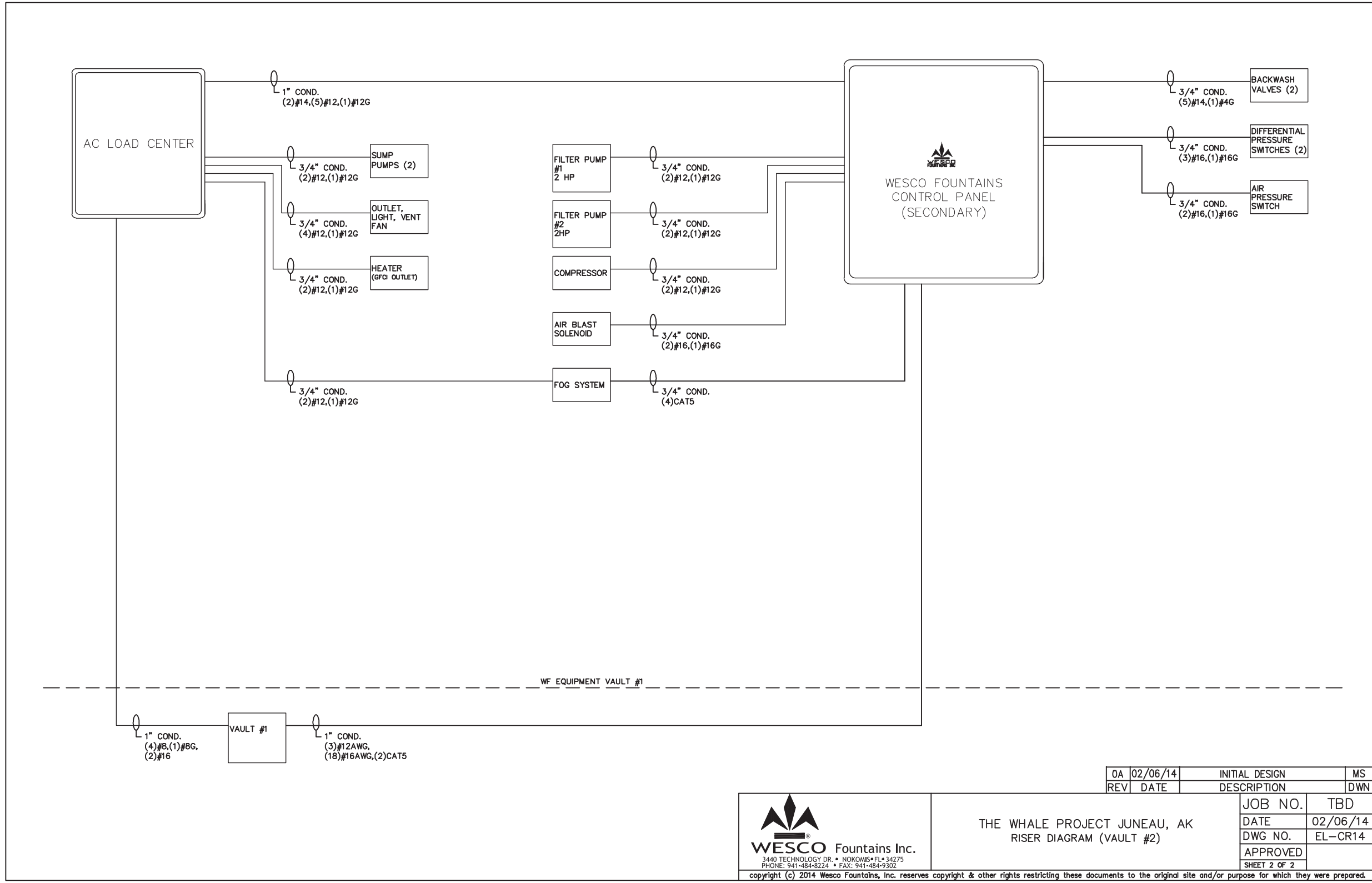
D.E.S.D. NO.: 2
DRAWN BY: CR
PROJECT NO.: 3145
DATE: 9/14/15

WF-E2

WESCO Fountains Inc. DESIGN & CONSTRUCTION	THE WHALE PROJECT JUNEAU, AK VULT 1/MAIN 120/208 Volt 3ø, MIN 400 AMP FEED					FOUNTAIN CONTROL PANEL LOAD SCHEDULE
	CKT #	BRKR	WIRE/COND	PHASE	AMPERAGE	
FEATURE 1 (20HP)	1,3,5	100-3	3-1 1/4"	ALL	81	
FEATURE 2 (15HP)	7,9,11	80-3	4-1 1/4"	ALL	63	
FEATURE 3 (15HP)	2,4,6	80-3	4-1 1/4"	ALL	63	
FEATURE 4 (15HP)	8,10,12	80-3	4-1 1/4"	ALL	63	
CONTROL CIRCUIT	13	15-1	12 - 3/4"	L1	6	
SUMP PUMPS	14	15-1G	12 - 3/4"	L1	6	
OUTLETS/LIGHT	15	15-1	12 - 3/4"	L2	6	
VULT HEATER	16	20-1	12 - 3/4"	L2	12.5	
FOUNTAIN LIGHTS	17	15-1	12 - 3/4"	L3	5	
FOUNTAIN SUMP (1HP)	18	20-1G	8 - 1"	L3	16	
VENT FAN	19	15-1	12 - 3/4"	L1	6	
VULT 2 POWER	20,22,24	50-3	8 - 1"	ALL	32.8	
				FULL LOAD	323.8	
				25 POWER FEED (MIN)	81	
					404.8	

Electrical Panel Load Schedule
Scale: N.T.S.

WESCO Fountains Inc. DESIGN & CONSTRUCTION	THE WHALE PROJECT JUNEAU, AK VULT 2 120/208 Volt 3ø, FEED FROM VULT 1					FOUNTAIN CONTROL PANEL LOAD SCHEDULE
	CKT #	BRKR	WIRE/COND	PHASE	AMPERAGE	
SUMP PUMPS	1	15-1G	12 - 3/4"	L1	6	
OUTLET/LIGHT	2	15-1	12 - 3/4"	L1	6	
HEATER	5	20-1	12 - 3/4"	L3	12.5	
VENT FAN	7	15-1	12 - 3/4"	L1	6	
COMPRESSOR	9	15-1	12 - 3/4"	L2	4.9	
FOG SYSTEM	11	15-1	12 - 3/4"	L3	7.1	
FILTER PUMP 1 (2HP)	4,6	20-2	10 - 3/4"	L2,L3	13.2	
FILTER PUMP 2 (2HP)	8,10	20-2	10 - 3/4"	L1,L2	13.2	
				FULL LOAD	32.8	



Electrical Riser Diagram
Scale: N.T.S.

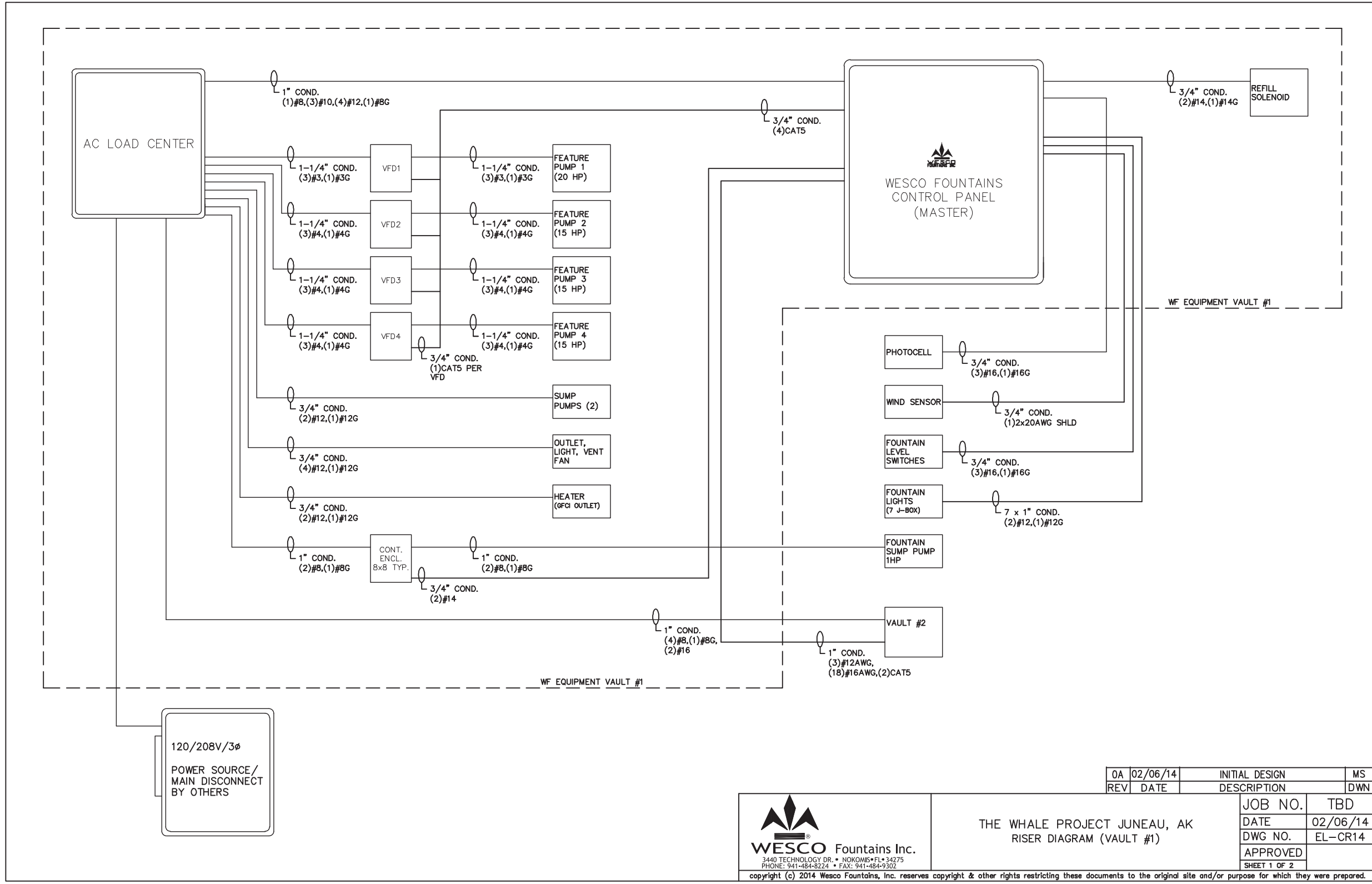
REV. DATE
0 9/14/2015

The Whale Project
Water Feature
Electrical Schematics

REV	DATE	BY	REFERENCE & DESCRIPTION
100%	2/14/14	CR	CONSTRUCTION DOCUMENTS

D.E.S.D. NO.: 2
DRAWN BY: CR
PROJECT NO.: 3145
DATE: 9/14/15

WF-E3



3445 TECHNOLOGY DRIVE
NORTH VENICE, FLORIDA 34275
PHONE: 941.484.8274
FAX: 941.484.9302

WESCO Fountains
THE ART OF WATER

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\\DATA STORAGE\\VOLUME 1\\PROJECTS NEW PROJECTS\\2013\\THE WHALE PROJECT - 3145.DWG - PLOTTED: 9/15/2015 4:16 PM - SHEET SIZE: ARCH EXPAND D (24.00 X 36.00 INCHES)

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The Whale Project

Water Feature

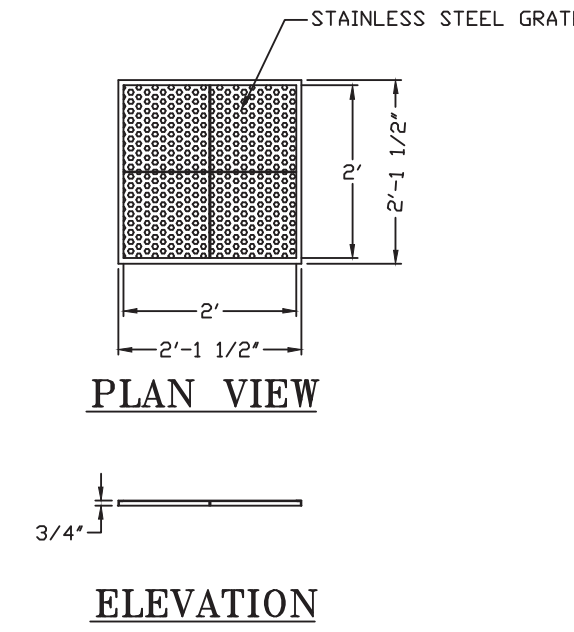
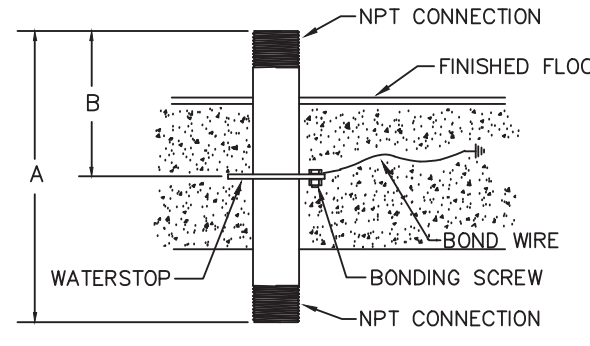
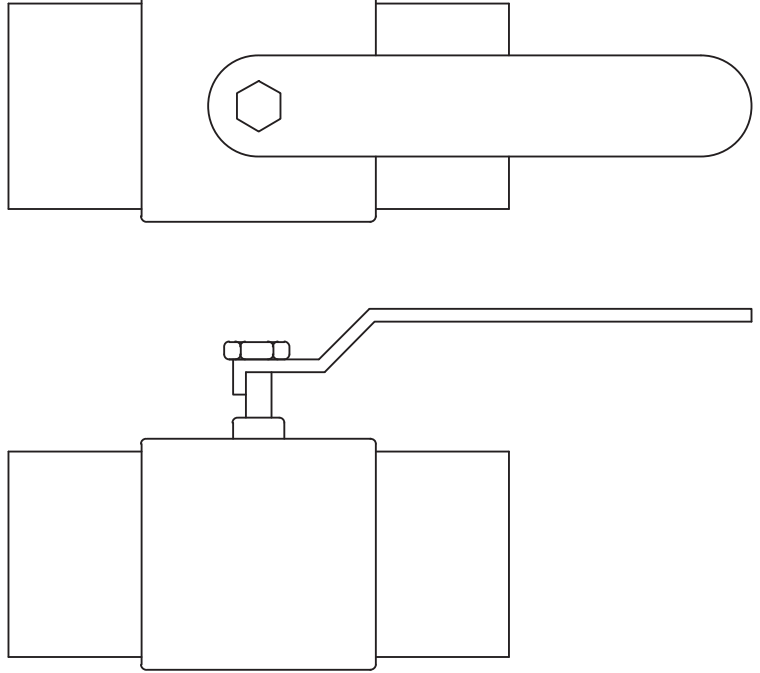
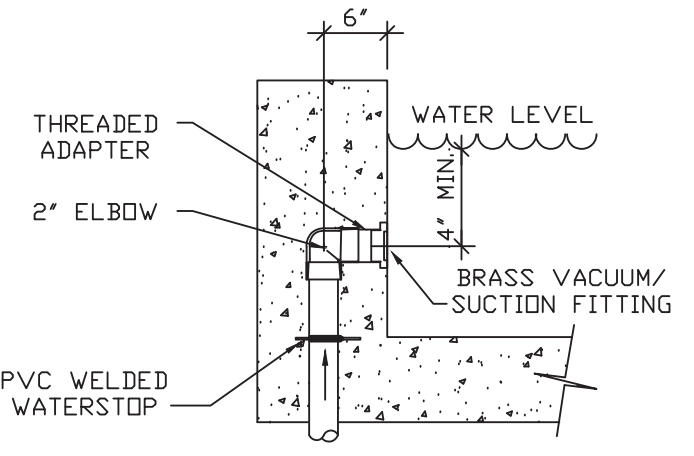
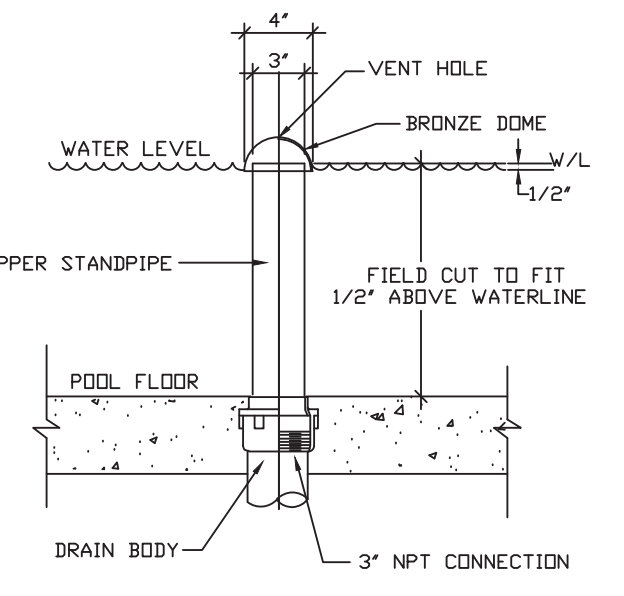
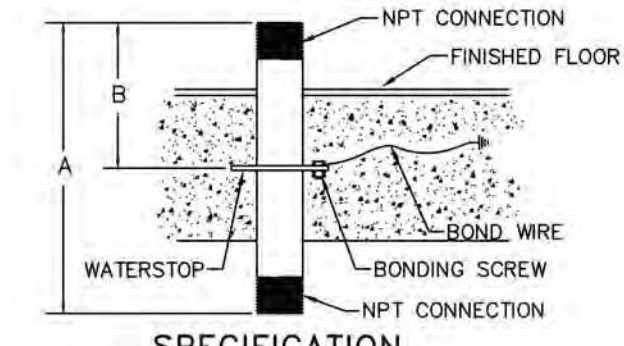
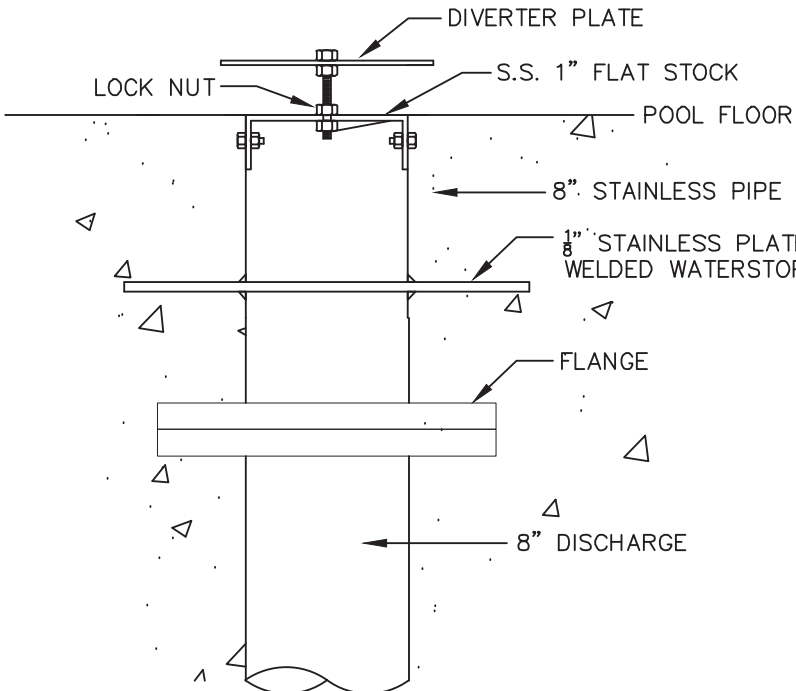
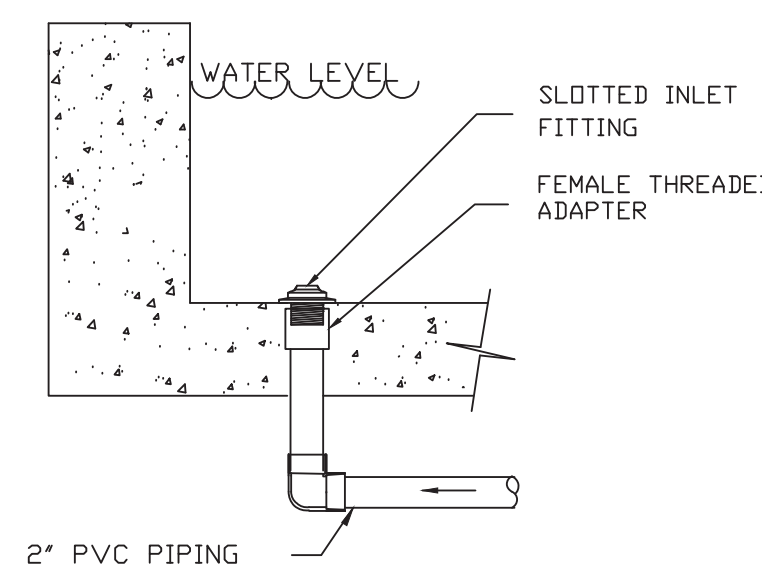
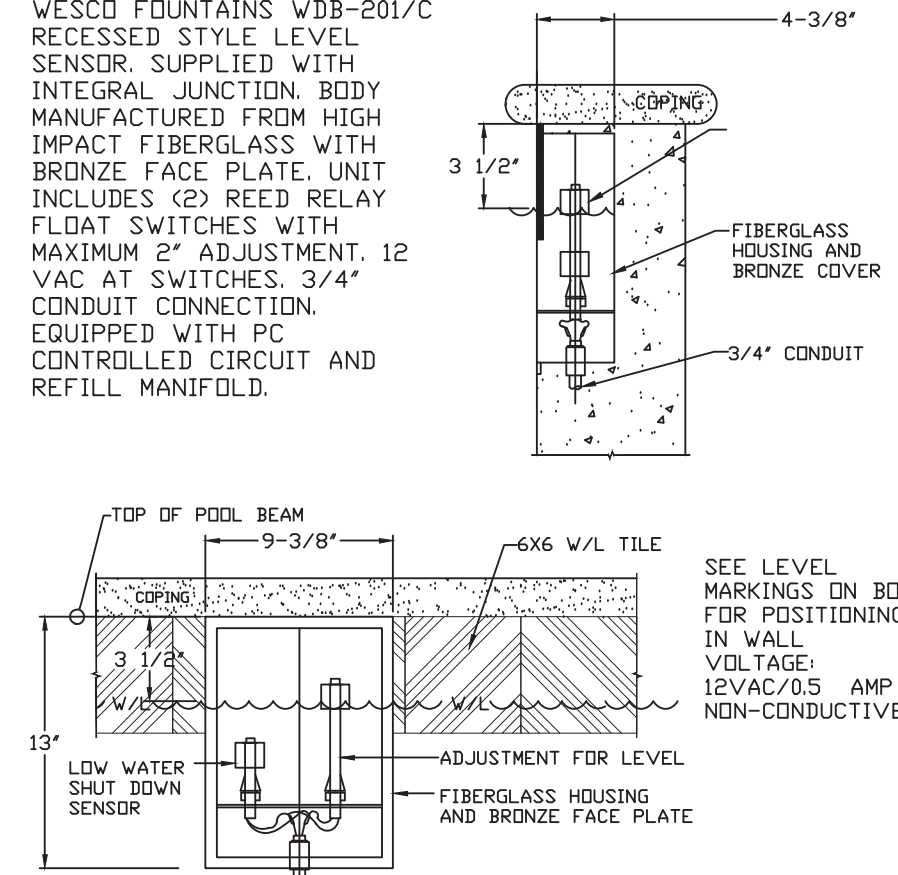
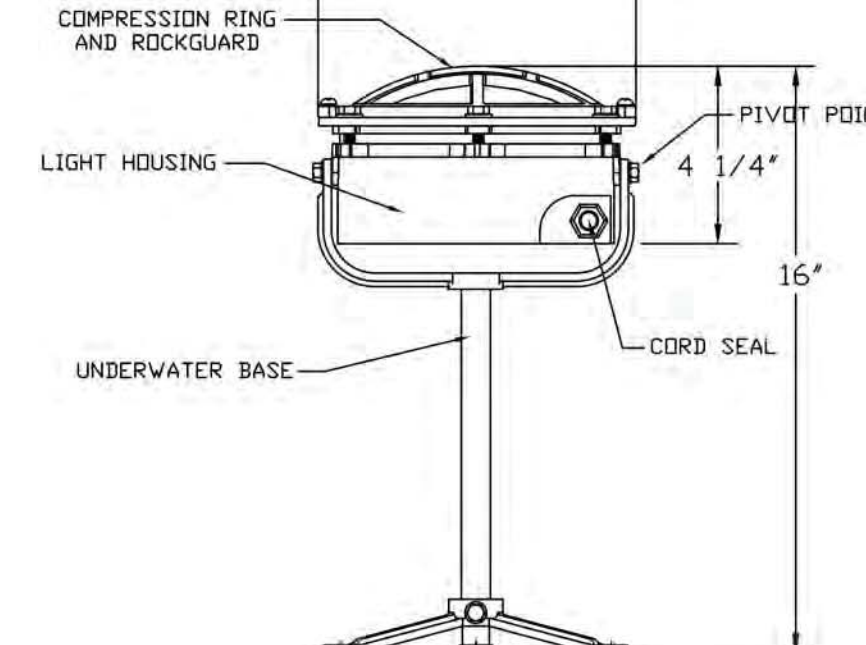
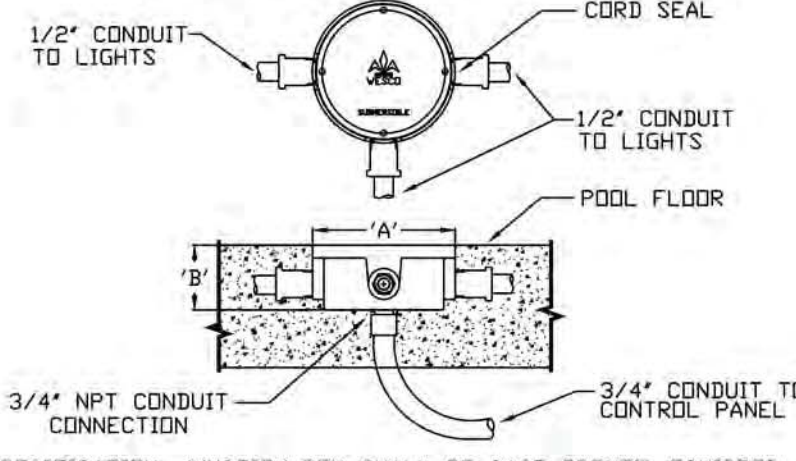
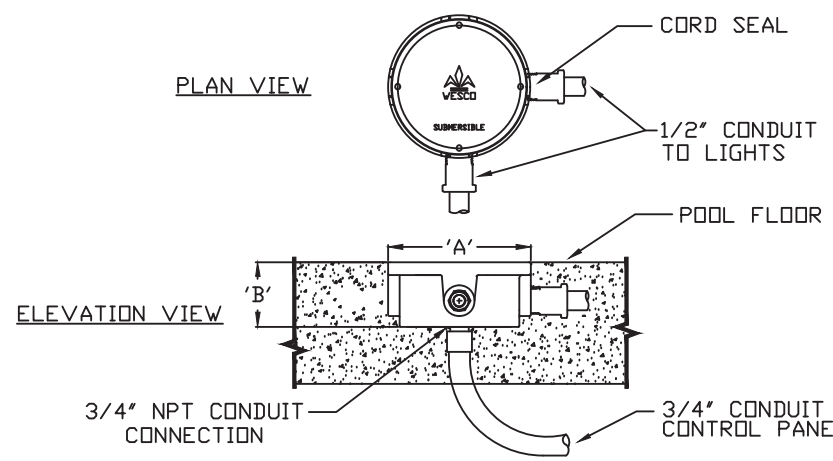
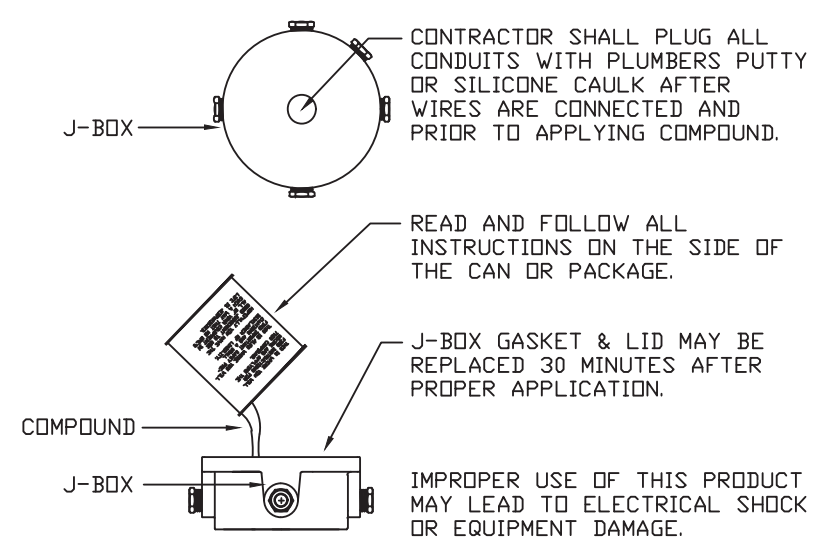
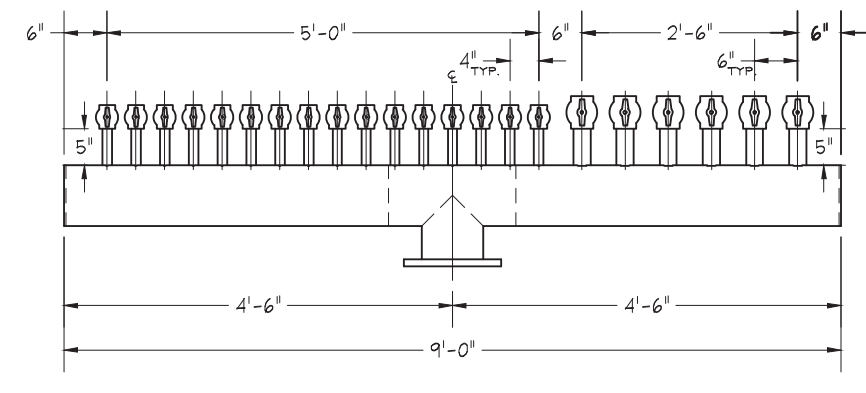
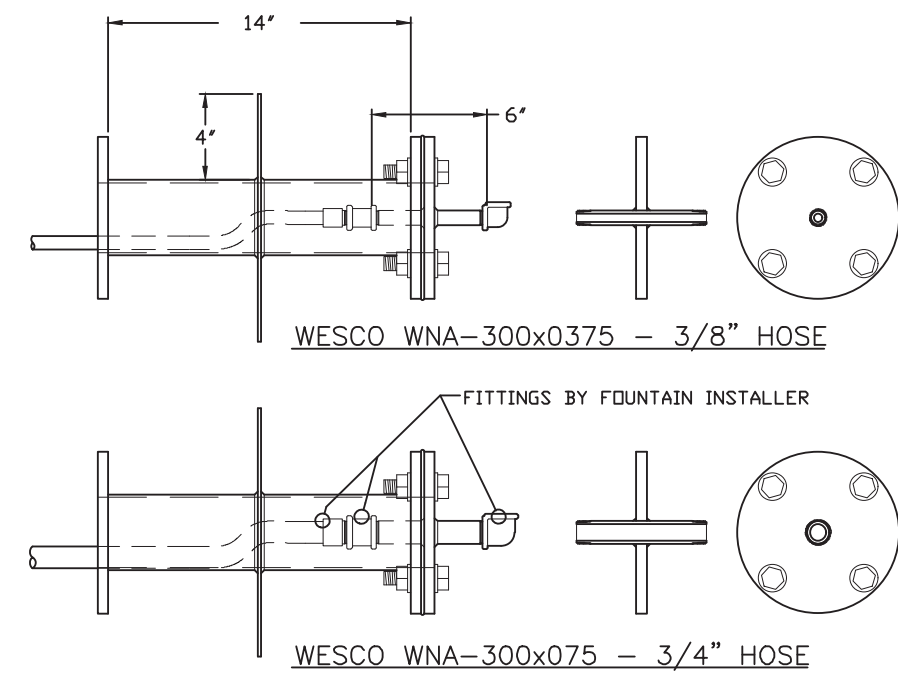
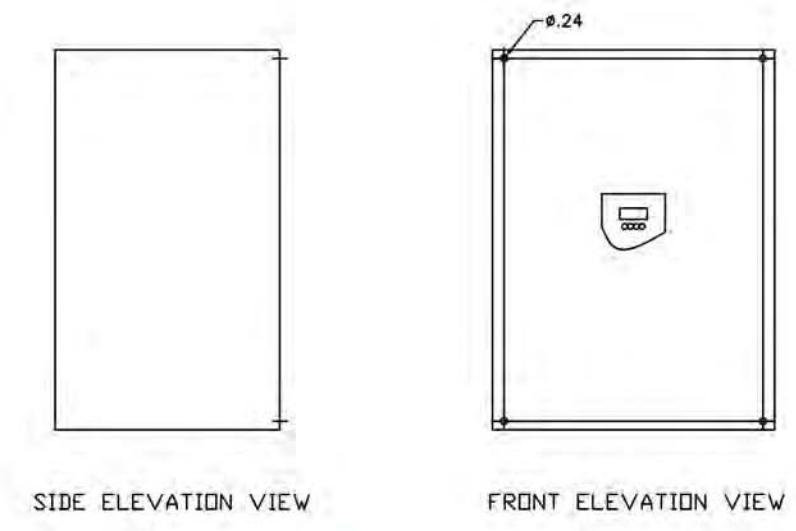
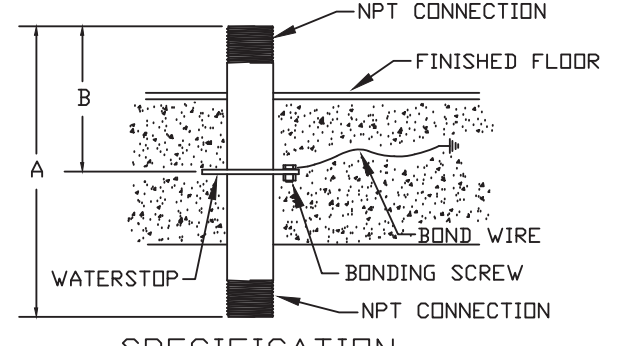
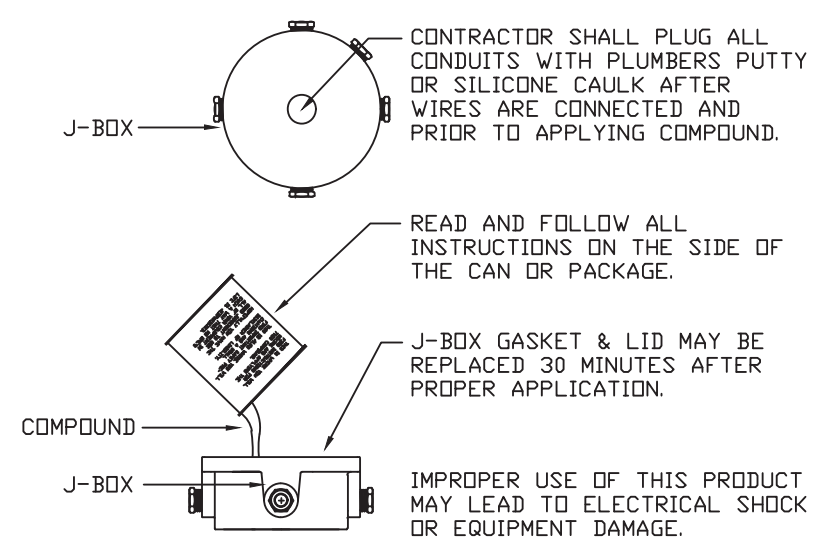
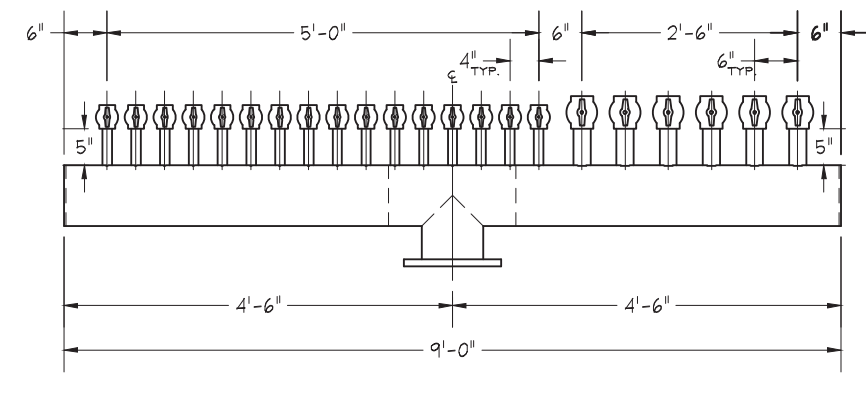
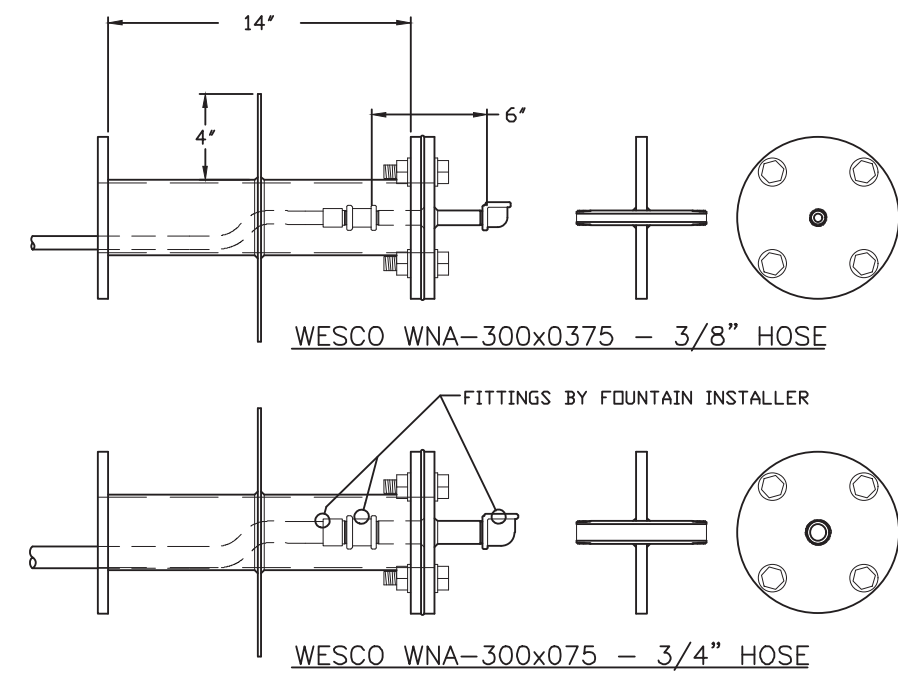
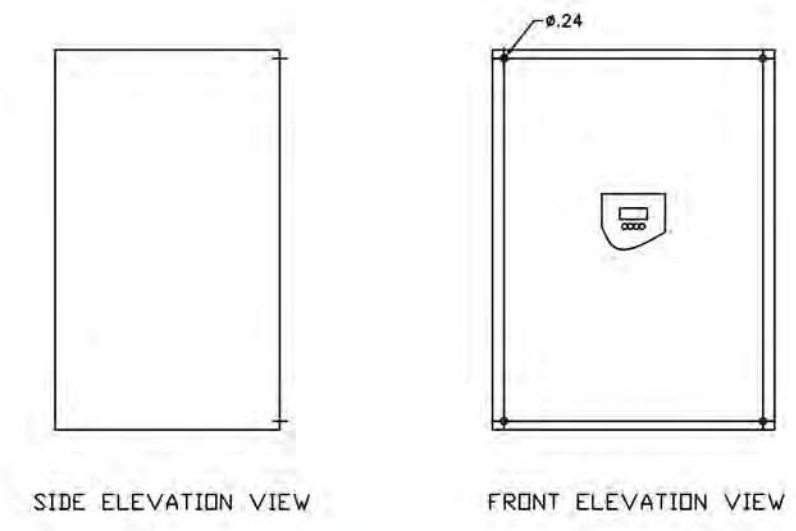
Equipment Details

REV	DATE	BY	DESCRIPTION
1	2/14/14	CR	100% CONSTRUCTION DOCUMENTS

D.E.S.D. NO.: 2
DRAWN BY: CR
PROJECT NO.: 3145
DATE: 9/14/15

WF-D1

\\DATA_STORAGE\\VOLUME_1\\PROJECTS\\NEW PROJECTS\\2013\\THE WHALE PROJECT - 3145.DWG - PLOTTED: 9/15/2015 4:16 PM - SHEET SIZE: ARCH EXPAND D (24.00 X 36.00 INCHES)

	WESCO FOUNTAINS WFB-240 SUMP GRATE. 24" SQUARE OPENING MADE FROM 3/4" STAINLESS STEEL ANGLE WITH 3/16" PERFORATED STAINLESS STEEL SCREEN. DESIGNED TO SIT INSIDE STAINLESS STEEL ANGLE FRAME.  PLAN VIEW ELEVATION																																																																			
30	WESCO WFB-240 -- SUMP GRATE	31	WESCO WEE-152/C FRONT ACCESS SKIMMER	32	WESCO WEG-150 VACUUM FITTING																																																															
	WESCO FOUNTAINS WNA-200 SLAB PENETRATION. MANUFACTURED FROM STAINLESS STEEL AND SUPPLIED WITH WATERSTOP FLANGE AND BONDING LUG. 2" NPT CONNECTION.  SPECIFICATION WESCO FOUNTAINS SERIES WNA SCHEDULE 40 STAINLESS STEEL NIPPLE WITH 1/8" WATERSTOP FLANGE AND BONDING SCREW. <table><tr><th>MODEL</th><th>SIZE</th><th>WATERSTOP</th><th>A</th><th>B</th></tr><tr><td>WNA-050</td><td>1/2"</td><td>3"x3"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-075</td><td>3/4"</td><td>3"x3"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-100</td><td>1"</td><td>3"x3"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-125</td><td>1 1/4"</td><td>3"x3"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-150</td><td>1 1/2"</td><td>4"x4"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-200</td><td>2"</td><td>5"x5"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-300</td><td>3"</td><td>6"x6"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-400</td><td>4"</td><td>6"x6"</td><td>10"</td><td>5"</td></tr></table>	MODEL	SIZE	WATERSTOP	A	B	WNA-050	1/2"	3"x3"	10"	5"	WNA-075	3/4"	3"x3"	10"	5"	WNA-100	1"	3"x3"	10"	5"	WNA-125	1 1/4"	3"x3"	10"	5"	WNA-150	1 1/2"	4"x4"	10"	5"	WNA-200	2"	5"x5"	10"	5"	WNA-300	3"	6"x6"	10"	5"	WNA-400	4"	6"x6"	10"	5"	WESCO FOUNTAINS WBV-020. 2" FULL PORT BRASS BALL VALVE WITH STAINLESS STEEL HANDLE. NPT CONNECTIONS. 	WESCO FOUNTAINS WEG-150 VACUUM FITTING. BRASS CONSTRUCTION WITH REMOVABLE CLOSURE PLUG. 2" MPT PIPE SIZE. 	WESCO FOUNTAINS WEC-300 OVERFLOW STANDPIPE. BRASS AND COPPER CONSTRUCTION. SUPPLIED COMPLETE WITH BASE WITH WATERSTOP FLANGE, REMOVABLE STANDPIPE AND VENTED DOME. 3" FPT CONNECTION. 24" LONG.  NOTE: MEASURE WATER LEVEL IN OPERATION, CUT FOR HEIGHT ONLY WHEN LEVEL SENSOR HAS BEEN ADJUSTED.	33	WESCO WEC-300 OVERFLOW STANDPIPE																	
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34	WESCO WAD-200/C ADJUSTABLE SPLASH NOZZLE	35	WESCO WAT-200/C FAN JET NOZZLE																																																																	
	WESCO FOUNTAINS WNA-050 SLAB PENETRATION. MANUFACTURED FROM STAINLESS STEEL AND SUPPLIED WITH WATERSTOP FLANGE AND BONDING LUG. 1/2" NPT CONNECTION.  SPECIFICATION WESCO FOUNTAINS SERIES WNA SCHEDULE 40 STAINLESS STEEL NIPPLE WITH 1/8" WATERSTOP FLANGE AND BONDING SCREW. <table><tr><th>MODEL</th><th>SIZE</th><th>WATERSTOP</th><th>A</th><th>B</th></tr><tr><td>WNA-050</td><td>1/2"</td><td>3"x3"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-075</td><td>3/4"</td><td>3"x3"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-100</td><td>1"</td><td>3"x3"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-125</td><td>1 1/4"</td><td>3"x3"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-150</td><td>1 1/2"</td><td>4"x4"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-200</td><td>2"</td><td>5"x5"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-300</td><td>3"</td><td>6"x6"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-400</td><td>4"</td><td>6"x6"</td><td>10"</td><td>5"</td></tr></table>	MODEL	SIZE	WATERSTOP	A	B	WNA-050	1/2"	3"x3"	10"	5"	WNA-075	3/4"	3"x3"	10"	5"	WNA-100	1"	3"x3"	10"	5"	WNA-125	1 1/4"	3"x3"	10"	5"	WNA-150	1 1/2"	4"x4"	10"	5"	WNA-200	2"	5"x5"	10"	5"	WNA-300	3"	6"x6"	10"	5"	WNA-400	4"	6"x6"	10"	5"	WESCO FOUNTAINS WED-800/SS/C OUTLET FITTING. MANUFACTURED FROM STAINLESS STEEL AND SUPPLIED WITH WATERSTOP FLANGE. 8" PIPE CONNECTION. COMPLETE WITH ADJUSTABLE DIVERTER PLATE. 																					
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36	WESCO WNA-200 PENETRATION NIPPLE	37	WESCO WBV-020 2" FULL PORT BRASS BALL VALVE	38	W-FGS25 BEX 0.5" BRASS SPRAY NOZZLE																																																															
	WESCO FOUNTAINS WEF-155 SLOTTED INLET. BRASS CONSTRUCTION WITH CHANGEABLE FLOW DRIFICE PLATE. 1-1/2"(INSIDE) & 2" (OUTSIDE) PIPE SIZE, MPT THREADED CONNECTION.  2" PVC PIPING	WESCO FOUNTAINS WDB-201/C RECESSED STYLE LEVEL SENSOR. SUPPLIED WITH INTEGRAL JUNCTION. BODY MANUFACTURED FROM HIGH IMPACT FIBERGLASS WITH BRONZE FACE PLATE. UNIT INCLUDES (2) REED RELAY FLAT SWITCHES WITH MAXIMUM 2" ADJUSTMENT. 12 VAC AT SWITCHES. 3/4" CONDUIT CONNECTION. EQUIPPED WITH PC CONTROLLED CIRCUIT AND REFILL MANIFOLD.  SEE LEVEL MARKINGS ON BOX FOR POSITIONING IN WALL. VOLTAGE: 12VAC/15 AMP NON-CONDUCTIVE	WESCO FOUNTAINS WBD-292-LV-W/C SUBMERSIBLE LIGHT LAMP. FLUSH MOUNTED UNDERWATER J-BOX. CAST BRASS. LIGHT IS SUPPLIED WITH 25 WATT WHITE LED CLUSTER LAMP. 12VDC. PRODUCES WARM WHITE PROGRAMMABLE LIGHT DISPLAY. FURNISHED WITH 9' CORD & MOUNTING STAKE. UL LISTED. 	39	WNA-050 PENETRATION NIPPLE																																																															
39	WNA-050 PENETRATION NIPPLE	40	WESCO WBV-005 1/2" FULL PORT BRASS BALL VALVE	41	WESCO WED-800/SS/C RETURN BALLAST OUTLET																																																															
	WESCO FOUNTAINS WCB-113 JUNCTION BOX (U.L. LISTED). FLUSH MOUNTED UNDERWATER J-BOX. CAST BRONZE CONSTRUCTION WITH (3) 3/4" CONDUIT CONNECTION AND SUPPLIED COMPLETE WITH (2) CORD COMPRESSION SEAL FITTING FOR LIGHT/PUMP.  SPECIFICATION: JUNCTION BOX SHALL BE CAST BRONZE, EQUIPPED WITH BRASS INTERNAL AND EXTERNAL GROUNDING TERMINALS AND SUPPLIED WITH REQUIRED NUMBER OF FACTORY INSTALLED BRASS COMPRESSION CORD SEALS AND (3) 3/4" NPT BOTTOM CONDUIT CONNECTION. FASTENERS SHALL BE STAINLESS STEEL. COVER GASKET SHALL BE NEOPRENE. <table><tr><th>WESCO NO.</th><th>'A' DIM</th><th>'B' DIM</th><th>NO. SEALS</th><th>CUBIC VOLUME</th></tr><tr><td>WCB-111</td><td>5.5"</td><td>2.5"</td><td>1</td><td>26.0"</td></tr><tr><td>WCB-112</td><td>5.5"</td><td>2.5"</td><td>2</td><td>26.0"</td></tr><tr><td>WCB-113</td><td>5.5"</td><td>2.5"</td><td>3</td><td>26.0"</td></tr><tr><td>WCB-114</td><td>5.5"</td><td>2.5"</td><td>4</td><td>26.0"</td></tr></table>	WESCO NO.	'A' DIM	'B' DIM	NO. SEALS	CUBIC VOLUME	WCB-111	5.5"	2.5"	1	26.0"	WCB-112	5.5"	2.5"	2	26.0"	WCB-113	5.5"	2.5"	3	26.0"	WCB-114	5.5"	2.5"	4	26.0"	WESCO FOUNTAINS WCB-112 JUNCTION BOX (U.L. LISTED). FLUSH MOUNTED UNDERWATER J-BOX. CAST BRONZE CONSTRUCTION WITH (3) 3/4" CONDUIT CONNECTION AND SUPPLIED COMPLETE WITH (2) CORD COMPRESSION SEAL FITTING FOR LIGHT/PUMP.  SPECIFICATION: JUNCTION BOX SHALL BE CAST BRONZE, EQUIPPED WITH BRASS INTERNAL AND EXTERNAL GROUNDING TERMINALS AND SUPPLIED WITH REQUIRED NUMBER OF FACTORY INSTALLED BRASS COMPRESSION CORD SEALS AND (3) 3/4" NPT BOTTOM CONDUIT CONNECTION. FASTENERS SHALL BE STAINLESS STEEL. COVER GASKET SHALL BE NEOPRENE. <table><tr><th>WESCO NO.</th><th>'A' DIM</th><th>'B' DIM</th><th>NO. SEALS</th><th>CUBIC VOLUME</th></tr><tr><td>WCB-111</td><td>5.5"</td><td>2.5"</td><td>1</td><td>26.0"</td></tr><tr><td>WCB-112</td><td>5.5"</td><td>2.5"</td><td>2</td><td>26.0"</td></tr><tr><td>WCB-113</td><td>5.5"</td><td>2.5"</td><td>3</td><td>26.0"</td></tr><tr><td>WCB-114</td><td>5.5"</td><td>2.5"</td><td>4</td><td>26.0"</td></tr></table>	WESCO NO.	'A' DIM	'B' DIM	NO. SEALS	CUBIC VOLUME	WCB-111	5.5"	2.5"	1	26.0"	WCB-112	5.5"	2.5"	2	26.0"	WCB-113	5.5"	2.5"	3	26.0"	WCB-114	5.5"	2.5"	4	26.0"	WESCO FOUNTAINS WCC RE-ENTERABLE POTTING COMPOUND. 2 PART 750 GRAMS.  CONTRACTOR SHALL PLUG ALL CONDUITS WITH PLUMBERS PUTTY OR SILICONE CAULK AFTER WIRES ARE CONNECTED AND PRIOR TO APPLYING COMPOUND. READ AND FOLLOW ALL INSTRUCTIONS ON THE SIDE OF THE CAN OR PACKAGE. J-BOX GASKET & LID MAY BE REPLACED 30 MINUTES AFTER PROPER APPLICATION. IMPROPER USE OF THIS PRODUCT MAY LEAD TO ELECTRICAL SHOCK OR EQUIPMENT DAMAGE.															
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42	WESCO WEF-155 BRASS SLOTTED INLET	43	WESCO WDB-201/C RECESSED WATER LEVEL SENSOR	44	WESCO WBD-292-LV-W/C SUBMERSIBLE LIGHT																																																															
	WESCO FOUNTAINS WAP-108/SS/C DISCHARGE MANIFOLD. FABRICATED FROM 8" 304SS PIPE AND FLANGES. INCLUDES SIXTEEN (6) 1" NPT THREADED NIPPLES AND SIX (6) 2" NPT THREADED NIPPLES. EACH BALL VALVE'S BALL VALVES ARE 316 STAINLESS STEEL WITH 304 SS HANDLES 	WESCO FOUNTAINS WNA-300/SS/C H.P. HOSE PENETRATION. FABRICATED FROM 3" 304SS PIPE AND FLANGES. INCLUDES 11" SQUARE WATERSTOP FLANGE, 8" THICK. FLANGE CAP WITH FULLY WELDED 6" STAINLESS STEEL NIPPLE TO ALLOW PASSAGE OF HIGH PRESSURE GAS WITHOUT ADMITTING WATER INTO CONDUIT SLEEVE. 	WESCO FOUNTAINS WZV-200 VARIABLE FREQUENCY DRIVE. SOLID STATE AC. VARIABLE FREQUENCY MOTOR CONTROL DRIVE THAT CHANGES THE RPM OF THE MOTOR FOR THE WATER FEATURE HEIGHT CHANGE. EASY TO USE WITH FRONT KEYPAD AND DISPLAY. 230VAC, 3Ø 20 HP. 	45	WESCO WCB-113 FLUSH MOUNTED JUNCTION BOX																																																															
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	WESCO FOUNTAINS 3/4" 110 VOLT SOLENOID FOR AIR NOZZLE CONTROL. 2-WAY, INTERNALLY PILOTTED, NORMALLY CLOSED SOLENOID VALVE. 2-230 PSI OPERATING PRESSURE. 8W COIL.  Materials of Construction <table><tr><td>Body:</td><td>Brass</td></tr><tr><td>Armature/Tube:</td><td>Stainless Steel 300</td></tr><tr><td>Fixed Cone:</td><td>Stainless Steel 400</td></tr><tr><td>Plunger:</td><td>Stainless Steel 400</td></tr><tr><td>Spring:</td><td>Stainless Steel 300</td></tr><tr><td>Shading Ring:</td><td>Copper</td></tr></table> Electrical Connection <table><tr><td>Rating:</td><td>NEMA 4</td></tr><tr><td>Strain Relief Connector:</td><td>Model 909</td></tr><tr><td>1/2" Conduit Connector:</td><td>Model 910</td></tr><tr><td>5 ft. Power Cord:</td><td>Model GRN100</td></tr></table>	Body:	Brass	Armature/Tube:	Stainless Steel 300	Fixed Cone:	Stainless Steel 400	Plunger:	Stainless Steel 400	Spring:	Stainless Steel 300	Shading Ring:	Copper	Rating:	NEMA 4	Strain Relief Connector:	Model 909	1/2" Conduit Connector:	Model 910	5 ft. Power Cord:	Model GRN100	WESCO FOUNTAINS WNA-075 SLAB PENETRATION. MANUFACTURED FROM STAINLESS STEEL AND SUPPLIED WITH WATERSTOP FLANGE AND BONDING LUG. 3/4" NPT CONNECTION.  SPECIFICATION WESCO FOUNTAINS SERIES WNA SCHEDULE 40 STAINLESS STEEL NIPPLE WITH 1/8" WATERSTOP FLANGE AND BONDING SCREW. <table><tr><th>MODEL</th><th>SIZE</th><th>WATERSTOP</th><th>A</th><th>B</th></tr><tr><td>WNA-050</td><td>1/2"</td><td>3"x3"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-075</td><td>3/4"</td><td>3"x3"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-100</td><td>1"</td><td>3"x3"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-125</td><td>1 1/4"</td><td>3"x3"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-150</td><td>1 1/2"</td><td>4"x4"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-200</td><td>2"</td><td>5"x5"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-300</td><td>3"</td><td>6"x6"</td><td>10"</td><td>5"</td></tr><tr><td>WNA-400</td><td>4"</td><td>6"x6"</td><td>10"</td><td>5"</td></tr></table>	MODEL	SIZE	WATERSTOP	A	B	WNA-050	1/2"	3"x3"	10"	5"	WNA-075	3/4"	3"x3"	10"	5"	WNA-100	1"	3"x3"	10"	5"	WNA-125	1 1/4"	3"x3"	10"	5"	WNA-150	1 1/2"	4"x4"	10"	5"	WNA-200	2"	5"x5"	10"	5"	WNA-300	3"	6"x6"	10"	5"	WNA-400	4"	6"x6"	10"	5"	WESCO FOUNTAINS WCC RE-ENTERABLE POTTING COMPOUND. 2 PART 750 GRAMS. 
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The Whale Project

Water Feature

Equipment Details

REV	DESCRIPTION	DATE	BY
100%	CONSTRUCTION DOCUMENTS	2/14/14	CR

D.E.S.D. NO.: 2
DRAWN BY: CR
PROJECT NO.: 3145
DATE: 9/14/15

WF-D2

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