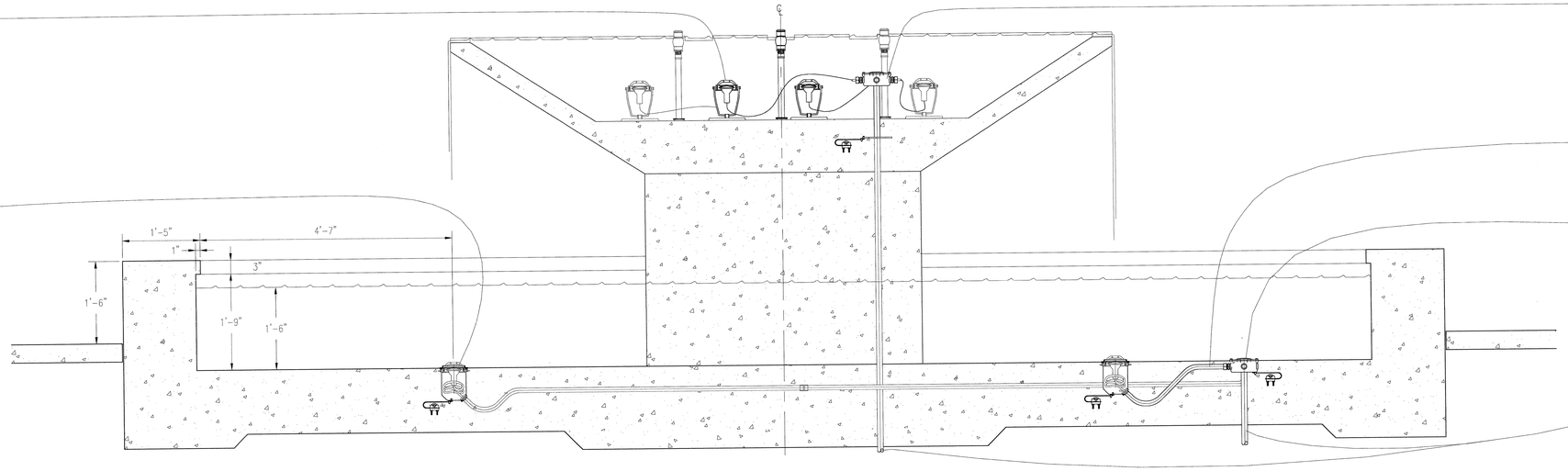
FOUNTAIN LIGHT FIXTURE, SUBMERSIBLE, BASE MOUNT TYPE, 100Q, 120FL, CLC, WITH ROCK GUARD AND 75' CORD W/10' EXPOSED IN POOL
4800-BM
HYDREL
(2 / F2.06)

FOUNTAIN LIGHT FIXTURE, SUBMERSIBLE, WET NICHE TYPE, 100Q, 120FL, CLC, WITH ROCK GUARD AND 75' CORD.
4800-RD-B
HYDREL
(3 / F2.06)

NOTE:
PRECAST CONCRETE BOWL & PEDESTAL SHOP DRAWINGS BY QUICKCRETE. SHALL HAVE THE ARCHITECT APPROVAL BEFORE CONSTRUCTION.



(5 / F0.06) JUNCTION BOX, SUBMERSIBLE, W/ EIGHT ½" SIDE TAPS & ONE 1" BOTTOM TAP.
J-88
OASE PUMPS & FOUNTAINS
-WITH-
CORD SEAL, FOR USE W/ WET NICHE FIXTURES, ½" NPT.
J-14
PEM FOUNTAINS

¾" CONDUIT W/ SUBMERSIBLE FIXTURE CORD

(4 / F0.06) JUNCTION BOX, SUBMERSIBLE, W/ EIGHT ¾" SIDE TAPS & ONE 1" BOTTOM TAP.
J-98
OASE PUMPS & FOUNTAINS
-WITH-
CORD SEAL, FOR USE W/ WET NICHE FIXTURES, ¾" NPT.
J-13-5
PEM FOUNTAINS

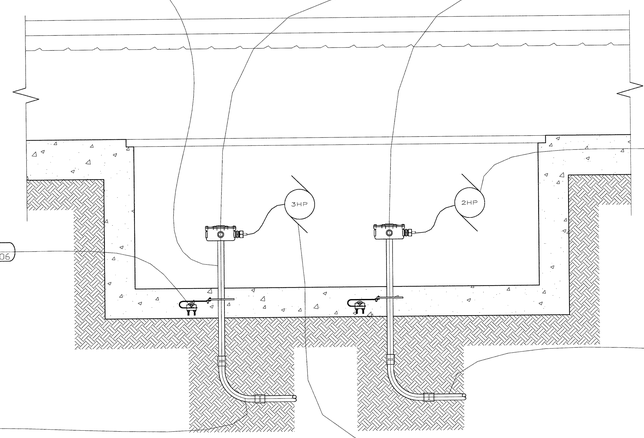
1" CONDUIT W/ 3 #12 AWG, THHN.
TO ELECTRICAL PANEL
WITH TWISTED WIRES

Section thru Fountain Lighting Fixtures (1)
Scale: 1" = 1'-0"

CONDUIT NIPPLE W/ WATER-STOP FLANGE, 1" NPT, 18" LONG, STAINLESS STEEL.
WFN-100-018
ABC METALS

(5 / F0.06) JUNCTION BOX, SUBMERSIBLE, W/ EIGHT ½" SIDE TAPS & ONE 1" BOTTOM TAP.
J-88
OASE PUMPS & FOUNTAINS
-WITH-
CORD SEAL, FOR USE W/ WET NICHE FIXTURES, ½" NPT.
J-14
PEM FOUNTAINS

FILTER SYSTEM PUMP, 2HP



BONDING CLAMPS AS REQUIRED BY AND IN COMPLIANCE WITH NEC ARTICLES 250. 8 & 680. 26
(2 / F0. 06)

1" CONDUIT W/ 4 # 8 AWG, THHN,
TO ELECTRICAL PANEL
WITH TWISTED WIRES

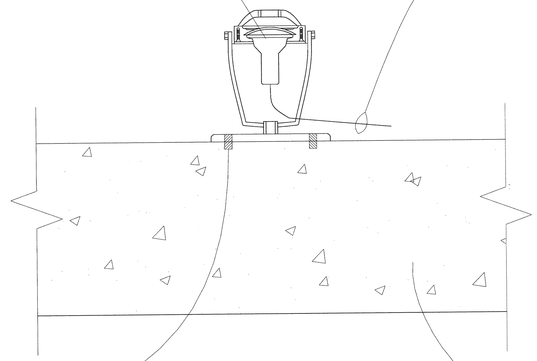
1" CONDUIT W/ 4 # 6 AWG, THHN
TO ELECTRICAL PANEL
WITH TWISTED WIRES

DISPLAY SYSTEM PUMP, 3HP

Section thru Equipment Sump at Junction Box (4)
Scale: 1" = 1'-0"

LIGHT FIXTURE, SUBMERSIBLE, BASE MOUNT TYPE, 100Q, 120FL, CLC, WITH ROCK GUARD AND 75' CORD.
4800-BM
HYDREL

FIXTURE CORD, TYP.



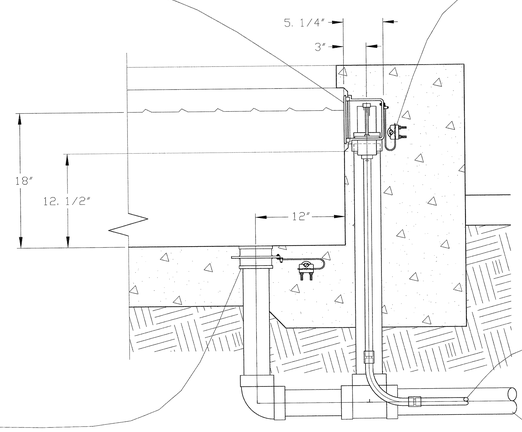
CHEMICAL ANCHOR

BOWL BOTTOM

Base Mount Lighting Fixtures (2)
Scale: 3" = 1'-0"

WATER LEVEL CONTROL, NICHE TYPE, COMBINATION WATER LEVEL SENSOR AND 3" SIDE-WALL OVERFLOW DRAIN.
L-104-48
PEM FOUNTAINS

(2 / F0. 06) BONDING CLAMPS AS REQUIRED BY AND IN COMPLIANCE WITH NEC ARTICLES 250. 8 & 680. 26



1/2" CONDUIT WITH SIX (6) #18 AWG, THHN, TO CONTROL ENCLOSURE.

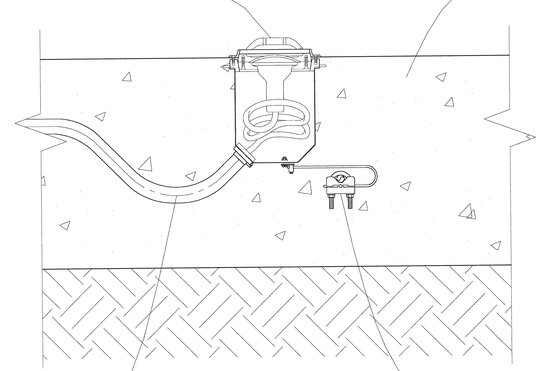
FLOOR DRAIN WITH PLUG, 3" NPT, CAST BRONZE.
7683
STANDARD BRONZE

3", TO SANITARY SEWER PTRAP CONNECTION.

Section thru Pool at Water Level Control (5)
Scale: 1 1/2" = 1'-0"

LIGHT FIXTURE, SUBMERSIBLE, WET NICHE TYPE, 100Q, 120FL, CLC, WITH ROCK GUARD AND 75' CORD.
4800-RD-B
HYDREL

FOUNTAIN BOTTOM



¾" CONDUIT W/ SUBMERSIBLE FIXTURE CORD, TYP.

(2 / F0. 06) BONDING CLAMPS AS REQUIRED BY AND IN COMPLIANCE WITH NEC ARTICLES 250. 8 & 680. 26

Wet Niche Lighting Fixtures (3)
Scale: 3" = 1'-0"

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BY [illegible] D.M.
DATE APR 09 2009

College of San Mateo
Site Package
San Mateo, CA

Developed for
San Mateo County Community College District

Revision	Description	Date
DSA	SUBMITTAL	19 SEPT 2008
DSA	FINAL	09 APRIL 2009

Job. No.	27082.30
Date	09 APRIL 2009
Drawn by	VM
Checked by	LM
Scale	AS SHOWN

FOUNTAIN 3 ELECTRICAL SECTION & DETAILS

F2.06