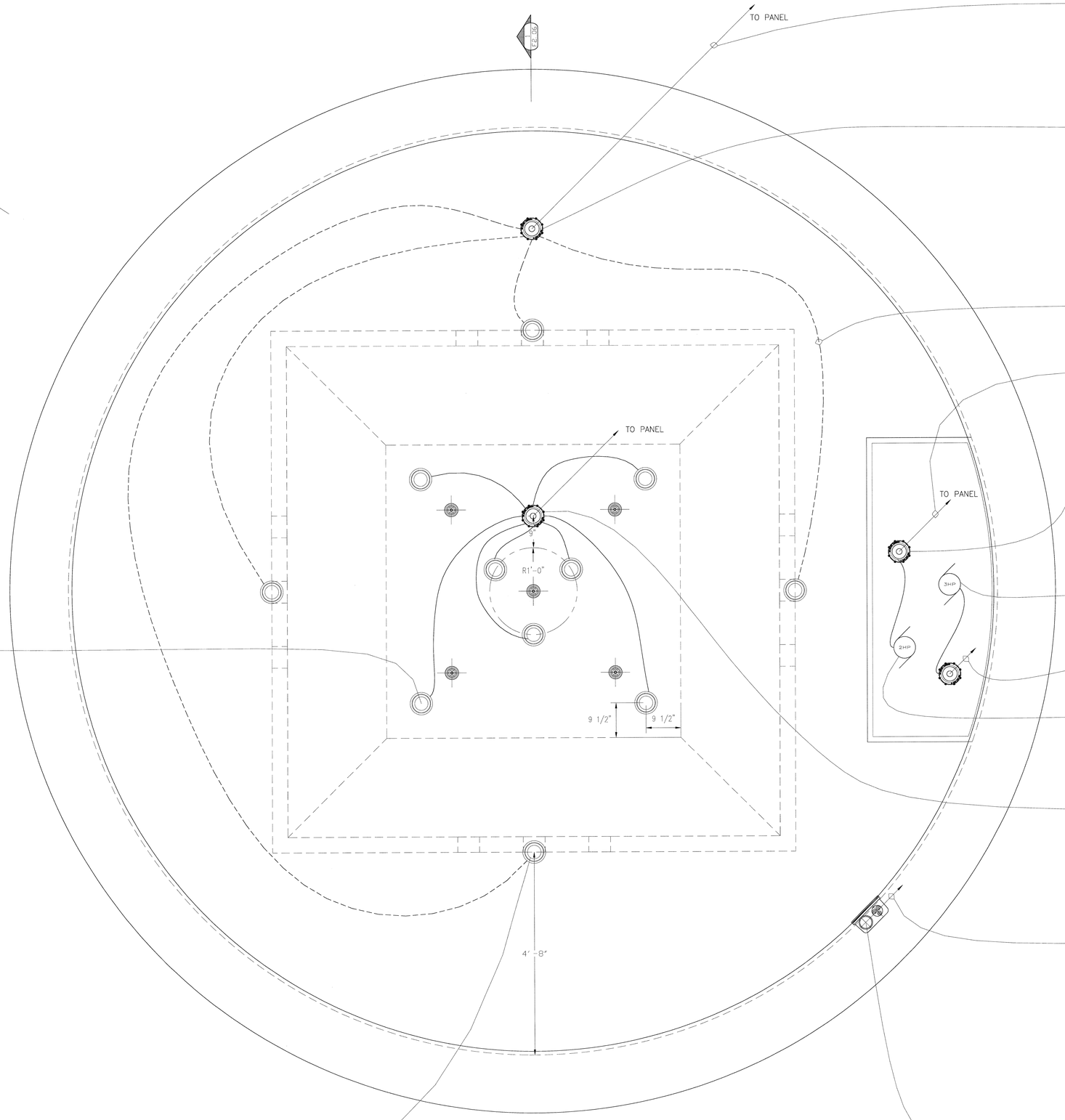
ANEMOMETER SHALL BE LOCATED 50' UPWIND OF THE FOUNTAIN. THE CONTRACTOR SHALL DETERMINE THIS LOCATION BY ON-SITE OBSERVATION OF ACTUAL WIND CONDITIONS. VERIFY LOCATIONS W/THE ARCHITECT AND FOUNTAIN ENGINEER.
MODEL 041
H.B. ABRAMS COMPANY

½" CONDUIT W/
TWISTED PAIR 22AWG
(CAT 5 ETHERNET OK)
TO ELECTRICAL CONTROLS

LIGHT FIXTURE, SUBMERSIBLE, BASE MOUNT TYPE, 100Q, 120FL, CLC, W/ ROCK GUARD AND 75' CORD W/10'EXPOSED IN POOL.
4800-BM
HYDREL
(TYP. 7)
2 F2.06

LIGHT FIXTURE, SUBMERSIBLE, WET NICHE TYPE,100Q, 120FL, CLC, WITH ROCK GUARD AND 75' CORD.
4800-RD-B
HYDREL
(TYP. 4)
3 F2.06



1" CONDUIT W/ 3 # 12 AWG, THHN, (TYP. 2)
TO ELECTRICAL PANEL
WITH TWISTED WIRES

4 F2.06 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
(TYP. 4)

¾" CONDUIT W/ SUBMERSIBLE FIXTURE CORD.
(TYP.7)

1" CONDUIT W/ 4 # 8 AWG, THHN,

4 F2.06 JUNCTION BOX, SUBMERSIBLE, W/ EIGHT ½" SIDE TAPS & ONE 1" BOTTOM TAP.
J-88
OASE PUMPS & FOUNTAINS
(TYP. 2)
-WITH-
CORD SEAL, FOR USE W/ WET NICHE FIXTURES, " NPT.
J-14
PEM FOUNTAINS
(TYP. 2)

DISPLAY SYSTEM PUMP, 3HP

1" CONDUIT W/ 4 # 6 AWG, THHN, TO PANEL

FILTER SYSTEM PUMP, 2HP

5 F2.06 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
(TYP. 3)

¾" CONDUIT - WITH SIX (6) #16 AWG, THHN.

5 F2.06 WATER LEVEL CONTROL, NICHE TYPE, COMBINATION WATER LEVEL SENSOR AND 3" SIDEWALL OVERFLOW DRAIN.
L-104-48
PEM FOUNTAINS

Fountain 3 (1) Electrical Plan
Scale: 1" = 1'-0"

McCarthy
LPA KH
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QIANG XIAO
No. 5499
Exp. 6/30/
STRUCTURAL
STATE OF CALIFORNIA

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DATE APR 09 2009

College of San Mateo
Site Package
San Mateo, CA

Developed for
San Mateo County Community College District

Revision	Description	Date

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 PLAN

F2.05