

ADDISON CIRCLE ARTS (D)
 WATER GARDEN
 EQUIPMENT LIST

QTY	DETAIL	DESCRIPTION	48
1	A-F1-4	GEFCO SELECT #SE105-05 STREAM JET: 3/8" ORF. SIZE, 1/2" FEMALE NPT. CONN., 10' ADJ.	48
2	B-F1-4	GEFCO #PE100-1 SURFACE SHOWER: 1-1/2" NPT., FEMALE CONNECTION.	4
3	D-F1-4	GEFCO #PE101 VACUUM FITTING: 2" N.P.S. FEMALE CONNECTION.	9
4	Q-F1-4	GEFCO #PE102 EYEBALL FITTING: 1" ORIFICE SIZE, 2" N.P.S. FEMALE CONNECTION.	5
5	X	X	-
6	X	X	-
7	F-F1-4	GEFCO SELECT #PE104-4 MAIN POOL DRAIN: 6" FEMALE NPT. CONNECTION.	5
8	Q-F1-4	GEFCO #PE105-4 WALL NICHIE ADJUSTABLE OVERFLOW: 4" MALE CONNECTION.	2
9	H-F1-4	GEFCO #PE107 SUMP FOR BALLAST POOLS: 2" NPT. FEM. BOTTOM AND SIDE CONNECTIONS.	3
10	H-F1-4	GEFCO #PE108-4-28 SUMP: 6" AND 2" BOTTOM CONNECTION, 24" X 24" STAINLESS STEEL, ANTI-VORTEX PLATE.	2
11	H-F1-4	GEFCO #PE109-12" SQ. ANTI-VORTEX PLATE: 12" X 12" STAINLESS STEEL, ANTI-VORTEX PLATE.	3
12	K-F1-4	GEFCO #PE109-07P SLAB PENETRATION: 3/4" DIA. X 18" LONG COPR. TUBE W/ PVC. WATERSTOP FLANGE.	24
13	L-F1-4	GEFCO #PE109-20 SLAB PENETRATION: 2" DIA. X 18" LONG COPR. TUBE W/ BRS. WATERSTOP FLANGE.	3
14	M-F1-4	GEFCO #EE114A ANEMOMETER: 3/4" FEMALE NPT. CONNECTION. (SEE CS-1 FOR LOCATION)	1
15	N-F1-4	GEFCO SELECT #EE1318 DUAL WATER LEVEL SENSOR: 3/4" NPT. BTM. CONNECTION.	1
16	X	GEFCO #SK115 PUMPING SKID: 2'-0" X 4'-0" PAD, FACTORY TESTED AND PREASSEMBLED.	1
17	X	GEFCO SELECT #SK115-15 DISPLAY PUMP: 15 HP, 550 GPM AT 80 FH, 208 V, 3Ø, 1750 RPM, 60 HZ.	1
18	X	GEFCO #SK103-100 PUMPING SKID: 4'-0" X 6'-0" PAD, FACTORY TESTED AND PREASSEMBLED.	1
19	X	GEFCO SELECT #FM112 FILTER PUMP: 3 HP., 35 GPM. AT 50 FH., 208V., 3Ø, 3450 RPM, 60HZ.	1
20	X	GEFCO SELECT #FM300-150 CARTRIDGE FILTER ASSEMBLY: 150 SQ. FT. FILTER W/ 150 SQ. FT. REPLACEMENT FILTER.	1
21	X	GEFCO #MB00-15P WATER CONTROL MANIFOLD: AUTOMATIC FILL/LEVEL CONTROL MANIFOLD, WITH P.R.V.	1
22	X	GEFCO SELECT #M1725 BROMINATOR WITH FLOW INDICATOR: 1-1/2" NPT. CONNECTION.	1
23	X	GEFCO SELECT #M1750PH/ORP EROSION CONTROLLER: 120V AC.	1
24	X	GEFCO CUSTOM CONTROL PANEL: NEMA 3Ø STEEL ENCL. 150/200V AC 3Ø RATED AT 225 AMPS.	1
25	X	ABB #ACR401-600-30/2 VARIABLE FREQUENCY DRIVE: 150 HP PUMP	1
26	X	X	-
27	A-F1-4	GEFCO CUSTOM STREAM JET SLEEVE CONE: 1/2" NPT. FEM. BOTTOM CONN., 3/4" NPT. FEM. BOTTOM DRAIN CONN.	48
28	X	GEFCO SELECT LIGHTING TRANSFORMER: 5 KVA, 120 PRIM., 1Ø/3Ø SEC.	1
29	E-F1-4	GEFCO SELECT EE136-4 DECK BOX: (4) 3/4" NPT. 5/7" CONNECTION, (1) NPT. SIDE CONDUIT CONNECTION.	6
30	E-F1-4	GEFCO SELECT EE136-3 DECK BOX: (3) 3/4" NPT. 5/7" CONNECTION, (1) NPT. SIDE CONDUIT CONNECTION.	3
31	E-F1-4	GEFCO SELECT EE136-2 DECK BOX: (2) 3/4" NPT. 5/7" CONNECTION, (1) NPT. SIDE CONDUIT CONNECTION.	6
32	X	X	-
33	E-F1-4	GEFCO SELECT EE137-4 JUNCTION BOX CORD SEALS: 1/2" CONDUIT X 3/4" BOX ENTRY CONN., U.L. LISTED.	45
34	X	UPPER CHANNEL LIGHTS BY DESIGNATED CONTRACTOR (75W, 120V)	33
35	X	LOWER CHANNEL LIGHTS BY DESIGNATED CONTRACTOR (300W, 120V)	12
36	X	X	-
37	X	GEFCO SELECT LIGHTING PANEL: 240/120V, 2 POLE/4W W/ 225 AMP MAIN BREAKER, 12 SPRADE, 225 AMP BUSS.	1
38	X	PYLON LIGHTS BY DESIGNATED CONTRACTOR (300W, 120V)	6

PIPING

30	1 1/2" INCOMING SUPPLY WATER LINE (50 PSI MAXIMUM)	1
31	6" DISPLAY PUMP SUCTION	1
32	2" FILTER PUMP SUCTION	1
33	2" FILTER PUMP SUCTION FROM SURFACE SKIMMERS	1
34	2" FILTER PUMP SUCTION FROM VACUUM FITTINGS	2
35	3" DISCHARGE TO STREAM JETS	2
36	2" DISCHARGE TO STREAM JETS	1
37	2" DISCHARGE TO STAINLESS STEEL TROUGH (BY OTHERS)	3
38	3" BALLAST DISCHARGE TO SUMPS	1
39	2" BALLAST DISCHARGE TO SUMP	1
40	2" FILL/FILTER RETURN TO EYEBALL FITTINGS	4
41	6" MAIN DRAIN LINE TO STORM (SEE DRAWING 04-2)	1
42	4" OVERFLOW DRAIN LINE TO MAIN DRAIN LINE	2
43	4" POOL DRAIN LINE TO MAIN DRAIN LINE	5
44	X	-
45	3/4" DRAIN LINE FROM STAINLESS STEEL JET CAN TO POOL	24

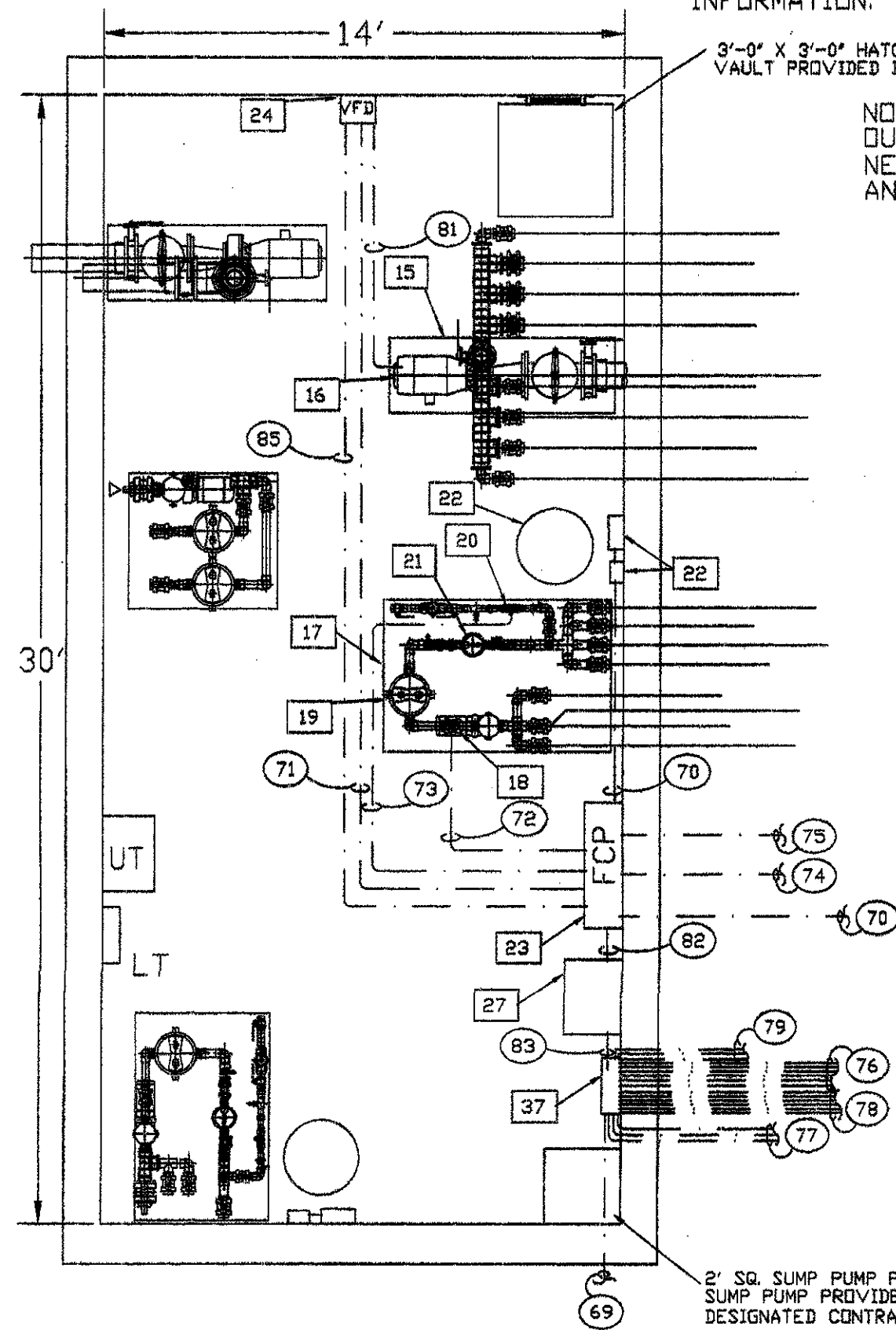
CONDUITS

70	2 1/2" INCOMING POWER 120/208V 3Ø 225A (4#/0+1Ø30)	1
71	1" CONDUIT FROM CONTROL PANEL TO VFD FOR 15HP DISPLAY PUMP (3Ø+1Ø80) (VA VFD)	1
72	1/2" CONDUIT FROM CONTROL PANEL TO 3HP FILTER PUMP (3Ø+1Ø80)	1
73	1/2" CONDUIT FROM CONTROL PANEL TO FILL VALVE (2Ø+1Ø140)	1
74	1/2" CONDUIT FROM CONTROL PANEL TO WATER LEVEL SENSOR (Ø18+1Ø180)	1
75	1/2" CONDUIT FROM CONTROL PANEL TO ANEMOMETER (1 PAIR Ø18 CABLE)	1
76	3/4" CONDUIT FROM LIGHTING PANEL TO DECK BOX (LIGHTS 4 X 75W 120V) (4Ø10+1Ø100)	6
77	3/4" CONDUIT FROM LIGHTING PANEL TO DECK BOX (LIGHTS 2 X 75W 120V) (2Ø10+1Ø100)	3
78	3/4" CONDUIT FROM CONTROL PANEL TO DECK BOX (LIGHTS 2 X 300W 120V) (2Ø12+1Ø120)	8
79	3/4" CONDUIT FROM CONTROL PANEL TO Pylon LIGHTS BY CONTRACTOR (2 X 300W) (2Ø12+1Ø120)	3
80	1/2" CONDUIT FROM CONTROL PANEL TO PH/ORP EROSION CONTROLLER (2Ø+1Ø140)	1
81	1" CONDUIT FROM VFD TO 15 HP PUMP (3Ø+1Ø80)	1
82	1" CONDUIT FROM CONTROL PANEL TO 5 KVA TRANSFORMER (1Ø/3Ø VAC) (3Ø+1Ø60)	1
83	2" CONDUIT FROM 5 KVA TRANSFORMER TO LIGHTING PANEL (3Ø+0+1Ø30)	1
84	3/4" CONDUIT FROM LIGHT FIXTURE TO DECK BOX (LIGHT CABLE)	45
85	1/2" CONDUIT FROM CONTROL PANEL TO VFD (Ø18+1Ø180)	1

NOTE: PROPER VENTILATION AND DRAINAGE MUST BE PROVIDED IN PUMP ROOM PER CODE.

NOTE: SEE ELECTRICAL DRAWINGS FOR POWER, VAULT LIGHTING, SUMP PUMP AND VENTILATION INFORMATION.

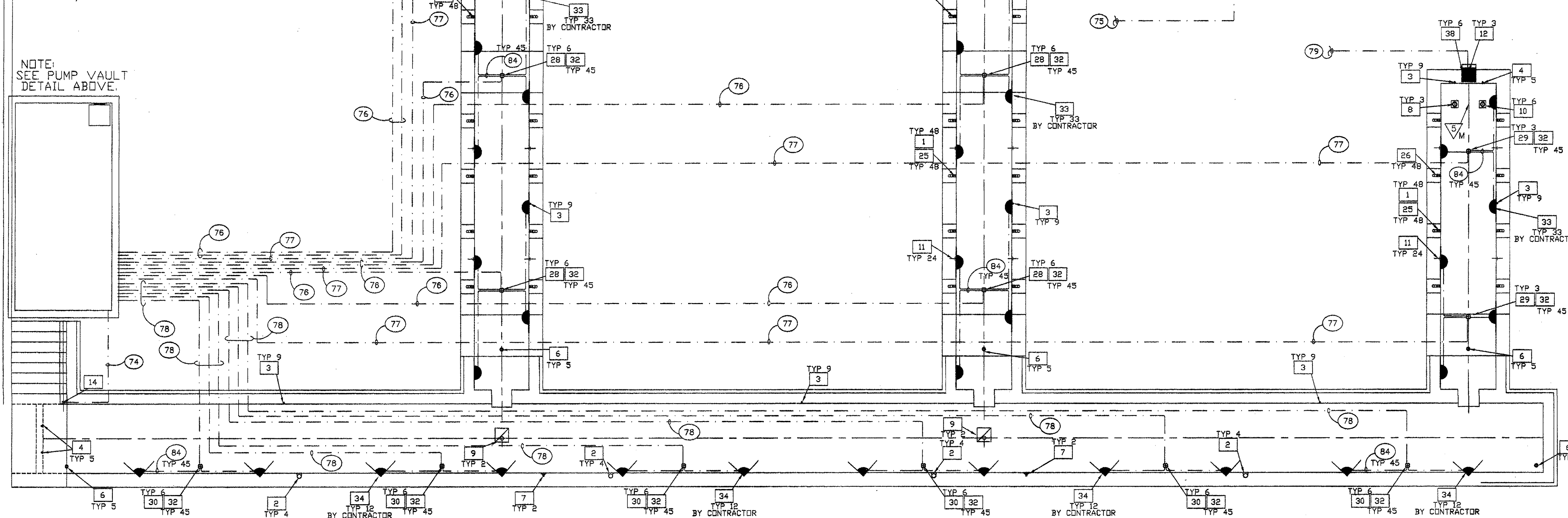
NOTE: 3'-0" X 3'-0" HATCH FOR VAULT PROVIDED BY OTHERS.
 NOTE: OUTLETS TO BE PROVIDED NEAR PH/ORP SYSTEM AND SUMP PUMP.



WATER GARDEN MECHANICAL PUMP LAYOUT
 SCALE: 1/4" = 1'-0"

ELECTRICAL PLAN VIEW
 SCALE: 1/8" = 1'-0"

NOTE: SEE PUMP VAULT DETAIL ABOVE.



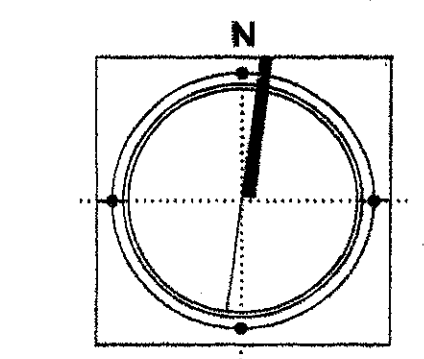
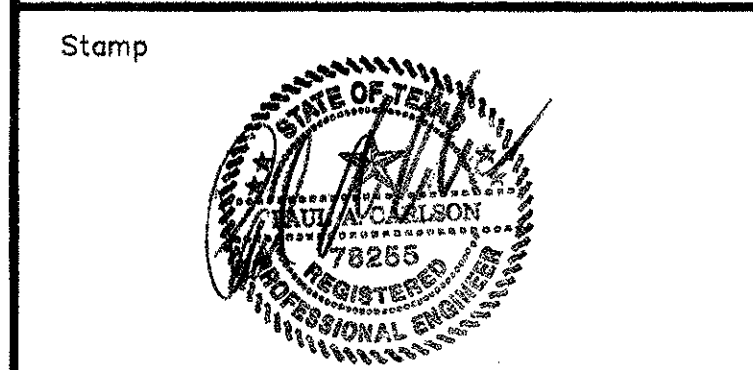
NOTE: CONTROL PANEL COMMON TO EACH FOUNTAIN

NOTE: ANEMOMETER TO BE LOCATED IN PLACE AS CLOSE TO THE FOUNTAIN AS POSSIBLE WITH SIMILAR WIND CONDITIONS. SHOULD NOT BE ACCESSIBLE TO CHILDREN. CONFIRM LOCATION WITH ARCHITECT.

ISSUED FOR CONSTRUCTION 09-30-02

No.	Description	Date

DWG ISSUE & REVISION HISTORY



0 10' 20' 40'

Project Title:
ADDISON ARTS & EVENTS DISTRICT
 ADDISON, TEXAS

Drawing Title:
WATER GARDEN ELECTRICAL PLAN

Project No. 14516.00 Scale: AS NOTED
 Drawn By:
 Checked By:
 Approved By:
 Date: September 30, 2002

Drawing No. **F1-3**