

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:
 OUTLETS TO BE PROVIDED
 NEAR FH/DRP SYSTEM AND
 SUMP PUMP.

NOTE:
 SEE DRAWING CS-1 FOR LOCATION.
 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.

NOTE:
 EMERGENCY STOP/START
 TO BE LOCATED PER
 ARCHITECT. SHOULD NOT BE
 ACCESSIBLE TO CHILDREN.

**PLAZA INTERACTIVE
 MECHANICAL PUMP LAYOUT**
 SCALE: 1/4" = 1'-0"

DRAIN & AIR VENT PLAN VIEW
 SCALE: 3/16" = 1'-0"

ADDISON CIRCLE ARTS (D)
 PLAZA INTERACTIVE MIST AND JET WATER FEATURE
 EQUIPMENT LIST

| SYM | DETAIL | ITEM DESCRIPTION | QTY |
|-----|--------|--|-----|
| 1 | A-F2-5 | GEFCO SELECT #SE112-20 INDEPENDENT AERATING JET: 3/16" NOZZLE SIZE, 2" FEMALE NPT. CONNECTION. | 9 |
| 2 | A-F2-5 | GEFCO CUSTOM FLOW STRAIGHTNER. | 9 |
| 3 | A-F2-5 | GEFCO CUSTOM AERATION JET SLEEVE CAN: 2" NPT, FEMALE BOTTOM CONN., 2" NPT, FEMALE SIDE CONN. | 9 |
| 4 | B-F2-5 | GEFCO SELECT #SE1/2"-G-35W MISTING JET: 1/2" MALE NPT. CONNECTION. | 24 |
| 5 | B-F2-5 | GEFCO CUSTOM FLOW STRAIGHTNER. | 24 |
| 6 | B-F2-5 | GEFCO CUSTOM MISTING JET SLEEVE CAN: 1/2" NPT, FEMALE BOTTOM CONN., 1" NPT, FEMALE SIDE CONN. | 24 |
| 7 | A-F2-5 | GEFCO SELECT #SE137-20 ADJUSTMENT FLANGE: 2" MALE AND FEMALE NPT. CONN., 5' ADJ. | 9 |
| 8 | D-F2-5 | GEFCO #FE100-1 SURFACE SKIMMER: 1-1/2" N.P.T. FEMALE CONNECTION. | 1 |
| 9 | D-F2-5 | GEFCO #FE101 VACUUM FITTING: 2" N.P.S. FEMALE CONNECTION. | 1 |
| 10 | E-F2-5 | GEFCO #FE102 EYEBALL FITTING: 1" ORIFICE SIZE, 2" N.P.S. FEMALE CONNECTION. | 2 |
| 11 | F-F2-5 | GEFCO #FE105-4 WALL NICHE AIR VENTS: 4" FEMALE NPT. CONNECTION. | 6 |
| 12 | G-F2-5 | GEFCO #FE104-4 MAIN POOL DRAIN: 4" FEMALE NPT. CONNECTION. | 1 |
| 13 | H-F2-5 | GEFCO #FE109-40P SLAB PENETRATION: 4" DIA. X 18" LONG SCH. 80 PVC. PIPE W/ PVC WATERSTOP FLANGE. | 8 |
| 14 | H-F2-5 | GEFCO #FE109-80P SLAB PENETRATION: 8" DIA. X 24" LONG SCH. 80 PVC. PIPE W/ PVC WATERSTOP FLANGE. | 2 |
| 15 | H-F2-5 | GEFCO #FE109-20P SLAB PENETRATION: 2" DIA. X 18" LONG SCH. 80 PVC. PIPE W/ PVC WATERSTOP FLANGE. | 2 |
| 16 | X | GEFCO #EE111 MAINTENANCE KIT. | 1 |
| 17 | J-F2-5 | GEFCO #EE114A ANEMOMETER: 3/4" FEMALE NPT. CONNECTION. | 1 |
| 18 | K-F2-5 | GEFCO SELECT #EE131B DUAL WATER LEVEL SENSOR: 3/4" NPT. BTH. CONNECTION. | 1 |
| 19 | X | GEFCO #SK115 PUMPING SKID: 2'-0" X 8'-0" PAD, FACTORY TESTED AND PREASSEMBLED. | 1 |
| 20 | X | GEFCO SELECT #M212-15 DISPLAY PUMP: 15 HP, 654 GPM AT 70 FH, 208 V, 3ø 1750 RPM, 60 HZ. | 1 |
| 21 | X | GEFCO #SK103-200 PUMPING SKID: 4'-0" X 8'-0" PAD, FACTORY TESTED AND PREASSEMBLED. | 1 |
| 22 | X | GEFCO SELECT #M113 FILTER PUMP: 3 HP, 120 GPM AT 55 FH, 208V, 3ø, 3450 RPM, 60HZ. | 1 |
| 23 | X | GEFCO SELECT #M900-1000 CARTRIDGE FILTER ASSEMBLY: 100 SQ. FT. FILTER W/ 100 SQ. FT. REPLACEMENT FILTER. | 2 |
| 24 | X | GEFCO #SK103-150 PUMPING SKID: 4'-0" X 8'-0" PAD, FACTORY TESTED AND PREASSEMBLED. | 1 |
| 25 | X | GEFCO SELECT #M112 FILTER PUMP: 3 HP, 100 GPM AT 55 FH, 208V, 3ø, 3450 RPM, 60HZ. | 1 |
| 26 | X | GEFCO SELECT #M900-1500 CARTRIDGE FILTER ASSEMBLY: 150 SQ. FT. FILTER W/ 150 SQ. FT. REPLACEMENT FILTER. | 1 |
| 27 | X | GEFCO #M800-15 WATER CONTROL MANFOLD: AUTOMATIC FILL/LEVEL CONTROL MANFOLD. | 1 |
| 28 | X | GEFCO SELECT #M1725 BROMINATOR WITH FLOW INDICATOR: 1-1/2" NPT. CONNECTION. | 1 |
| 29 | X | GEFCO SELECT #M1750PH/DRP EROSION CONTROLLER. | 1 |
| 30 | X | GEFCO SELECT LIGHTING TRANSFORMER: 5 KVA, 120 PRIM., 16/32 SEC. | 1 |
| 31 | L-F2-5 | GEFCO SELECT EE138-4 DECK BOX (4) 3/4" NPT, 5/7 CONNECTION, (1) NPT, SIDE CONDUIT CONNECTION. | 5 |
| 32 | L-F2-5 | GEFCO SELECT EE138-3 DECK BOX (3) 3/4" NPT, 5/7 CONNECTION, (1) NPT, SIDE CONDUIT CONNECTION. | 6 |
| 33 | L-F2-5 | GEFCO SELECT EE138-2 DECK BOX (2) 3/4" NPT, 5/7 CONNECTION, (1) NPT, SIDE CONDUIT CONNECTION. | 4 |
| 34 | L-F2-5 | GEFCO SELECT EE137-4 JUNCTION BOX CORD SEALS: 5 KVA, 120 PRIM., 16/32 SEC. | 47 |
| 35 | X | PLAZA NICHE LIGHTS BY DESIGNATED CONTRACTOR. | 46 |
| 36 | X | | - |
| 37 | X | ABB #ACS401-800-30/2 VARIABLE FREQUENCY DRIVE: 208V, 3ø, FOR 15 HP PUMP. | 1 |
| 38 | X | ABB #ACS401-800-30/2 VARIABLE FREQUENCY DRIVE: 208V, 3ø, FOR 3 HP PUMP. | 1 |
| 39 | F-F2-5 | GEFCO #FE105-4 WALL NICHE OVERFLOW: 4" FEMALE NPT. CONNECTION. | 1 |
| 40 | L-F2-5 | GEFCO SELECT EE138-1 DECK BOX (1) 3/4" NPT, 5/7 CONNECTION, (1) NPT, SIDE CONDUIT CONNECTION. | 1 |
| 41 | X | LOWER POOL LIGHT BY DESIGNATED CONTRACTOR. | 1 |
| 42 | X | GEFCO SELECT LIGHTING PANEL: 225 MAIN BUSES-BREAKER, 12 SPACE, 240/120V, 2POLE. | 1 |
| 43 | X | GEFCO SELECT E/STOP, START/STOP PUSH BUTTON STATION. | 1 |

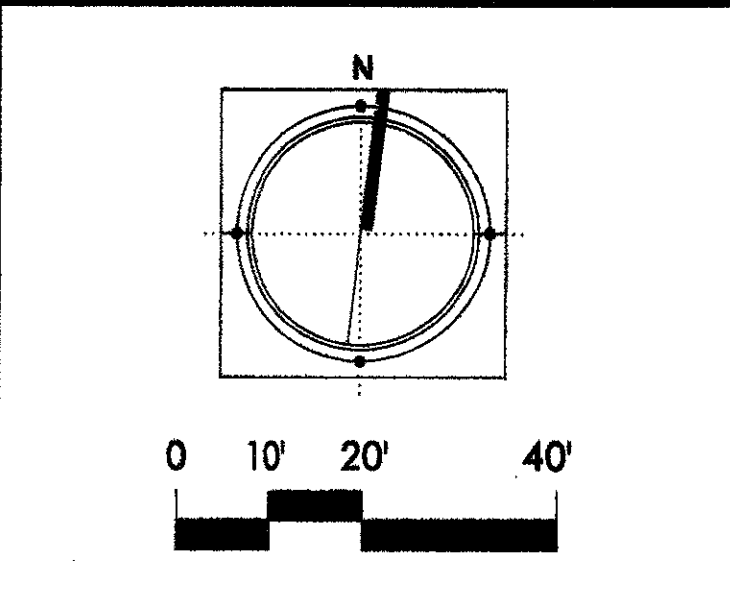
| SYM | DESCRIPTION | QTY |
|-----|---|-----|
| 80 | 1 1/2" INCOMING SUPPLY WATER LINE (50 PSI MAXIMUM) | 1 |
| 81 | 8" DISPLAY PUMP SUCTION FROM SUMPS | 1 |
| 82 | 3" "A" SERIES FILTER PUMP SUCTION FROM SUMPS | 1 |
| 83 | 4" "L" SERIES FILTER PUMP SUCTION FROM SUMP | 1 |
| 84 | 2" FILTER PUMP SUCTION FROM SURFACE SKIMMER | 1 |
| 85 | 2" FILTER PUMP SUCTION FROM VACUUM FITTING | 1 |
| 86 | 2" DISCHARGE TO AERATION JETS | 9 |
| 87 | 2" FILTER RETURN TO MIST JETS | 2 |
| 88 | 2" FILL/FILTER RETURN TO EYEBALL FITTINGS | 1 |
| 89 | 4" DRAIN LINE TO COLLECTING POOL | 6 |
| 90 | 4" DRAIN LINE (SEE C4-2) | 1 |
| 91 | 4" VENT LINE | 6 |
| 92 | 4" DUMP LINE TO STORM DRAIN | 1 |
| 93 | 4" OVERFLOW DRAIN LINE TO 4" MAIN DRAIN LINE | 1 |
| 70 | CONDUITS | |
| 71 | 2 1/2" INCOMING POWER 120/208V 3ø 225A (4ø/0+1ø/3ø) | 1 |
| 72 | 1" CONDUIT FROM CONTROL PANEL TO VFD FOR 15HP DISPLAY PUMP (3ø/6+1ø/0) (VIA VFD) | 1 |
| 73 | 3/4" CONDUIT FROM CONTROL PANEL TO VFD FOR 3HP L SERIES FILTER PUMP (3ø/12+1ø/0) (VIA VFD) | 1 |
| 74 | 1/2" CONDUIT FROM CONTROL PANEL TO 3HP A SERIES FILTER PUMP (3ø/14+1ø/0) | 1 |
| 75 | 1/2" CONDUIT FROM CONTROL PANEL TO FILL VALVE (2ø/18+1ø/180) | 1 |
| 76 | 3/4" CONDUIT FROM CONTROL PANEL TO WATER LEVEL SENSOR (ø/18+1ø/180) | 1 |
| 77 | 3/4" CONDUIT FROM CONTROL PANEL TO ANEMOMETER (1 PAIR #18 SHIELDED CABLE) | 1 |
| 78 | 3/4" CONDUIT FROM LIGHTING PANEL TO DECK BOX (LIGHTS 4 X 75W) (4ø/10+1ø/100) | 5 |
| 79 | 3/4" CONDUIT FROM LIGHTING PANEL TO DECK BOX (LIGHTS 3 X 75W) (2ø/10+1ø/100) | 6 |
| 80 | 3/4" CONDUIT FROM LIGHTING PANEL TO DECK BOX (LIGHTS 2 X 75W) (2ø/10+1ø/100) | 4 |
| 81 | 1" CONDUIT FROM VFD TO 15HP DISPLAY PUMP (3ø/6+1ø/0) | 1 |
| 82 | 3/4" CONDUIT FROM VFD TO 3HP L SERIES FILTER PUMP (3ø/12+1ø/0) | 1 |
| 83 | 1/2" CONDUIT FROM CONTROL PANEL TO PH/DRP EROSION CONTROLLER (2ø/14+1ø/140) | 1 |
| 84 | 3/4" CONDUIT FROM LIGHTING PANEL TO DECK BOX (LIGHT BY OTHERS) (1 X 300W) (2ø/10+1ø/100) | 1 |
| 85 | 3/4" CONDUIT FROM LIGHT FIXTURE TO DECK BOX (LIGHT CABLE) | 47 |
| 86 | 1/2" CONDUIT FROM CONTROL PANEL TO VFD (ø/18+1ø/180) | 1 |
| 87 | 3/4" CONDUIT FROM CONTROL PANEL TO E/STOP/START/STOP STATION (ø/18+1ø/180) | 1 |
| 88 | 1/2" CONDUIT FROM PULL BOXES TO CONTROL VALVES (ø/18) | 27 |
| 89 | 1" CONDUIT FROM CONTROL PANEL TO VALVE PULL BOXES (1ø/18+1ø/180) | 1 |
| 90 | 1/2" CONDUIT FROM VFD TO PRESSURE SENSOR ON 15HP PUMP MANFOLD (1 PAIR #18 GAUGE SHIELDED CABLE) | 1 |
| 91 | 1" CONDUIT FROM CONTROL PANEL TO 5 KVA TRANSFORMER (3ø/6+1ø/0) | 1 |
| 92 | 2" CONDUIT FROM 5 KVA TRANSFORMER TO LIGHTING PANEL (3ø/6+1ø/30) | 1 |

NOTE:
 CONTROL PANEL COMMON
 TO EACH FOUNTAIN

ISSUED FOR CONSTRUCTION 09-30-02

No. Description Date

DWG ISSUE & REVISION HISTORY



Project Title:
**ADDISON ARTS &
 EVENTS DISTRICT**
 ADDISON, TEXAS

Drawing Title:
**PLAZA FOUNTAIN
 DRAINAGE & AIR VENT
 PLAN**

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

Drawing No. **F2-2**