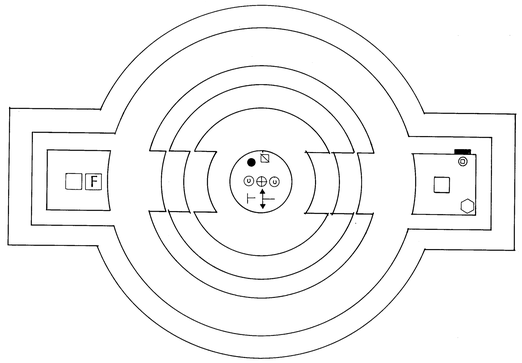


(A) SECONDARY FOUNTAIN MECHANICAL PLAN

SCALE: 1/2" = 1'-0"

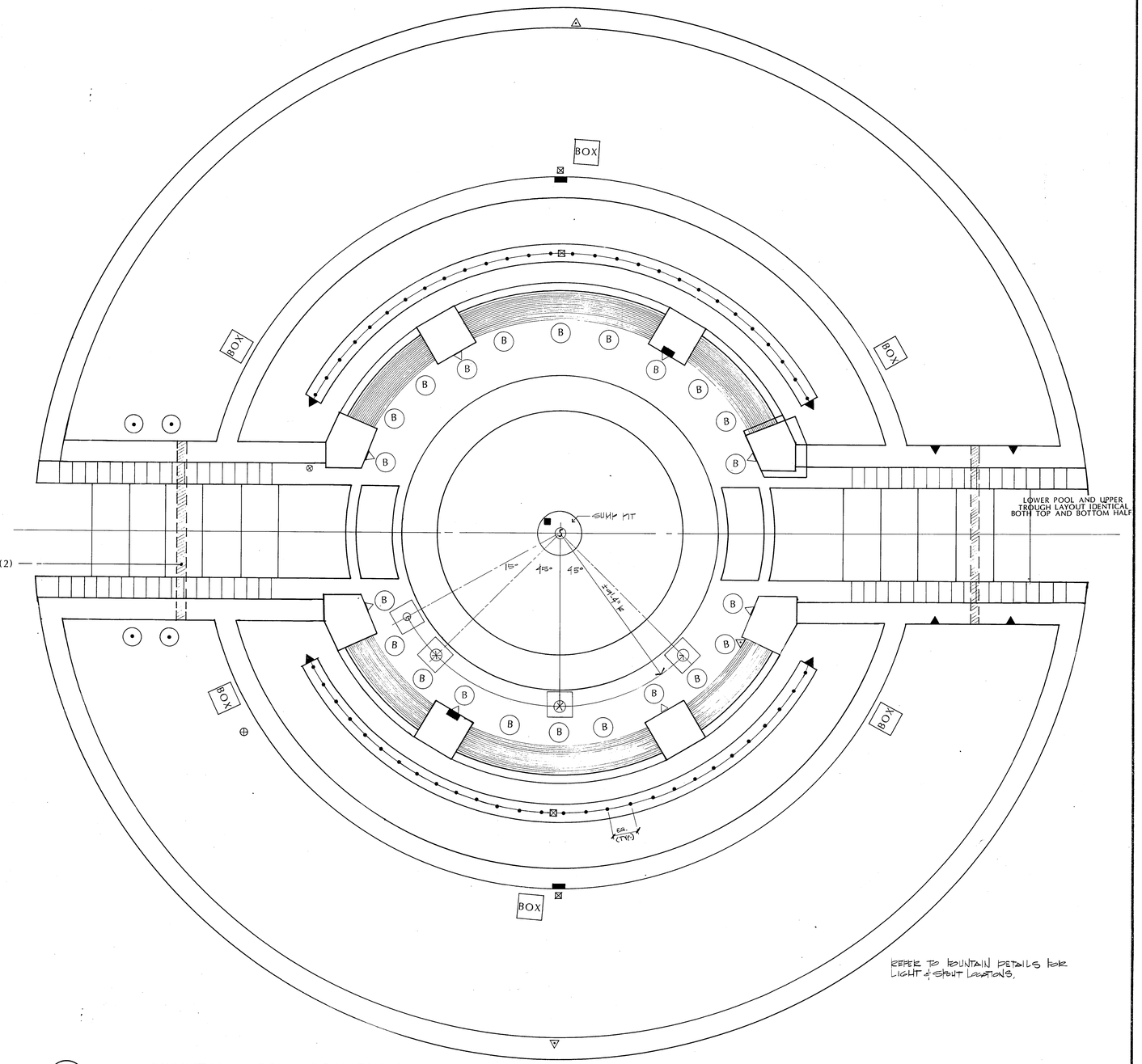
6" sch. 40 PVC equalizer line (2)

Small Fountain

1 ea. A-7 Aqua-Flo 3/4 h.p. filter pump, 230 V.
1 ea. A-20 2 h.p. Aqua-Flo pump, 230 V.
1 ea. Kim NB 50 bubbler nozzle
1 ea. 2" sidewall drain
1 ea. 2" floor drain w/plug
1 ea. 1-1/2" floor drain w/plug
1 ea. JP-7 Kim underwater J-box w/two (2) cord seals
2 ea. Kim F235 free-standing underwater fountain light w/thermal switch
1 ea. Kim RW 57-1 water level control w/1" solonoid valve
3 ea. Kim R-80 C 2" sump w/AVP
2 ea. Kim R-85 return fittings
1 ea. Triton TR-40 sand filter w/1-1/2" dial valve
2 ea. Intermatic 2-pole, 230V. time clocks
1 ea. Intermatic astronomic time clock, 110 V.
2 ea. Par 38Q 250 FL bulbs
2 ea. 1/3 h.p. Hydromatic sump pump, 110 V

LEGEND

- NB 50 bubbler nozzle
- 2" bypass T from fountain pump
- 2" return T with 2 R-85B return eyeballs
- F-235-TC2 underwater light fixture with Par38Q250FL bulb
- 1-1/2" floor drain with plug
- JP7 underwater "J" box with 2 cord seals
- R-80C to fountain pump (2)
- R-80C to filter pump
- RW 57-1 water level control probe
- 2" floor drain
- 2" sidewall drain



(B) MAIN FOUNTAIN MECHANICAL PLAN

SCALE: 3/8" = 1'-0"

Equipment List

Main Fountain

2 ea. G-1040AM Peerless pump, 10 h.p. 230 V. single phase, 680 GPM @ 40 ft. sign, 3 X 4 flanged
2 ea. 5 X 8 cast iron concentric reducer
2 ea. 4 X 6 cast iron concentric reducer
2 ea. 8" butterfly valve w/gear operator
2 ea. 8" Mueller Model 155 strainer
2 ea. 6" butterfly valve w/10 position handle
2 ea. 6" wafer type silent check valve, spring loaded
56 ea. Kim N-150 geyser nozzles
36 ea. 3/4" bronze ball valve
14 ea. 2" PVC ball valve
8 ea. Custom water outlets for columns
22 ea. Kim P1035 AN underwater fountain light, w/niche, 500 W.
2 ea. R-80C 2" sump with AVP
22 ea. Par 56Q 500 WFL bulbs
4 ea. 18" X 18" X 6" bury box w/potting compound
1 Lot Red brass, 1/2" for light niches
1 ea. Kim WLC-1, combination water level control/LWCO
4 ea. 2" sidewall drains
4 ea. 1-1/2" floor drain w/plug
2 ea. Triton TX 60 24" sand filter
2 ea. 1-1/2 dial valve
8 ea. Kim 13" square anti-vortex plates
2 ea. A-10 Aqua Flo 1 h.p. 230 V filter pump
3 ea. Kim R-86B vacuum fitting
8 ea. Kim R-85B adjustable eyeball fittings
2 ea. Square-D single phase motor starter w/110 volt coils, SEG-6
1 ea. Control panel, including timers, relays and necessary equipment
1 ea. Aqua Flo AC 50H 5 h.p. 230 V., single phase pump
2 ea. 1/3 h.p. Hydromatic sump pump, 110 V
1 ea. 1/2 h.p. Hydromatic sump pump, 110 V
1 ea. Regenerative carbon filter for chlorine removal. KISS International Model 1054, automatic carbon filter w/acburn T-8 filter valve, 3/4" NPT w/3/8" NPT backwash line, 10" diameter X 55" tall. KISS Int. 1-800-327-KISS (Ed Colburn)
1 ea. Ozone Injection System for algae prevention. EDC-Ozone Systems Division Model P7-40-35" X 6" X 24" cabinet, 115 V.4 a. Contact David Capehart (214) 257-0322

LEGEND

- N-150 Kim geyser nozzle (56)
- 13" Sq. Anti aortex plate-Kim over 8" pipe (6)
- 13" Sq. anti aortex plate over 4" pipe (2)
- R-80c sump with AVP (4)
- F-1035 AN light fixture - Kim with Par 56 Q500 WFL bulb (14)
- Column pipe spouts (8)
- 2" sidewall drain (2)
- R-86B, vacuum fitting (3)
- R-85 B eyeball return (4)
- 1/2 hp. sump pump with float switch - Hydromatic
- UJB-1 underwater "J" box with 2 cord seals
- 2" sidewall outlet (8)
- 1 1/2" drain with plug (4)
- BOX 18" X 18" X 6" underwater junction box for light conduits
- RW-57-2 probe assembly

MESA DESIGN GROUP
LAND PLANNING
LANDSCAPE ARCHITECTURE
INTERIORS

SECONDARY & MAIN FOUNTAIN MECHANICAL PLANS

QUORUM PARK
ADDISON, TEXAS

TOWN OF ADDISON

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