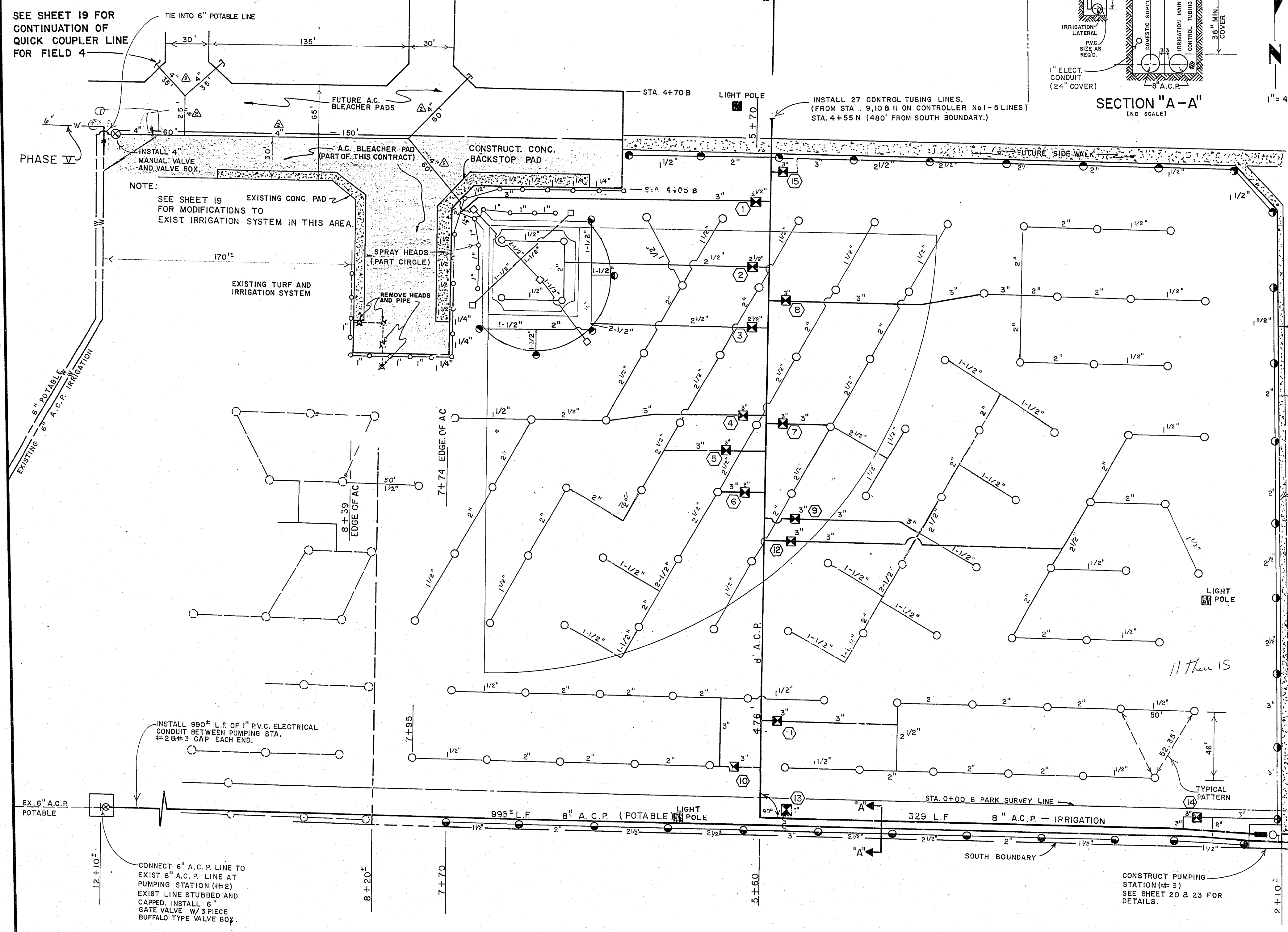


15-13-109

SEE SHEET 19 FOR CONTINUATION OF QUICK COUPLER LINE FOR FIELD 4



IRRIGATION SEQUENCING CHART	
CONTROLLER 1	CONTROLLER 2
6 CIRCUITS TO PARKING LOT (PHASE III & IV)	15 CIRCUITS TO BALLFIELD #3 (CIRCUITS 16 THRU 30) (PHASE IV)
15 CIRCUITS TO BALLFIELD #2 (CIRCUITS 1 THRU 15) (PHASE IV)	12 CIRCUITS TO BALLFIELD #4 (CIRCUITS 31 THRU 42) (PHASE IV)

EXISTING PUMPING STA. NO. 2	
STA.	CIRCUIT
5	SPARE
6	SPARE
7	SPARE
8	SPARE
9	4 3, 45 25 MIN.
10	4 4, 46 15 MIN.
11	4 7, 48 25 MIN.

- GENERAL NOTES**
- ALL TEE JOINTS AND JOINTS WHERE DEFLECTIONS ARE GREATER THAN 30° TO BE PROVIDED WITH THRUST BLOCK - MIN. VOL. I.C.F. PER BLOCK.
 - COMMON TRENCHES FOR IRRIGATION AND DOMESTIC MAINS MAY BE USED WHENEVER POSSIBLE.
 - QUICK COUPLERS TO BE AQUA DIAL NO. 44-RC OR APPROVED EQUAL.
 - AUTOMATIC CONTROL VALVES TO BE AQUA DIAL NO. 5110 OR APPROVED EQUAL. SIZES AS SHOWN. ALL VALVES TO HAVE FLOW CONTROL AND INSTALLED IN CONCRETE BOXES WITH METAL LID 4" BELOW FINISHED GRADE. CONTRACTOR TO FURNISH AS BUILT LOCATIONS OF VALVES & BOXES.
 - ALL MAIN LINE TRENCHES TO BE 24" DEEP (MIN.).
 - ALL CONTROL TUBING TO BE ON RIGHT SIDE OF LINE, BUNDLED, AND TAPED EVERY 10'.
 - CONTROL TUBING TO BE 3/8" I.D. P.V.C.
 - ROTARY POP-UP SPRINKLER HEADS TO BE TORO SERIES 640 CHECKMATIC OR APPROVED EQUAL AND OPERATE IN THE RANGE OF 40 PSI TO 60 PSI.
 - SPRAY TYPE SPRINKLER HEADS TO BE SAFE-T-LAWN GL-716 (POP-UP) OR APPROVED EQUAL AND OPERATE IN THE RANGE OF 30 PSI TO 50 PSI.
 - ALL IRRIGATION LATERALS SHALL BE BURIED 18" MIN. BELOW FINISH GRADE.

- LEGEND**
- FULL ROTARY POP-UP HEAD
 - 180° " " " "
 - 90° " " " "
 - SPRAY SPRINKLER (ARC AS REQ'D)
 - ⊗ AUTOMATIC CONTROL VALVE W/F.C.
 - QUICK COUPLING VALVE
 - ⊗ GATE VALVE
 - ⊙ CIRCUIT NUMBER
 - ⊗ EXISTING SPRINKLER HEADS TO BE REMOVED

APPROXIMATE QUANTITIES — THIS SHEET					
ITEM	DESCRIPTION	CIRCUIT QUAN.		QUAN. TOTAL	UNIT
		① THRU 10	11 THRU 15		
125.108B	8" A.C.P. CLASS 150 P.S.I.	1400	—	1800	L.F.
125.112B	12" A.C.P. CLASS 150 P.S.I.	160	—	160	L.F.
163.404	1" P.V.C. PIPE SCH. 40	175	—	175	L.F.
163.405	1/4" P.V.C. PIPE SCH. 40	90	—	90	L.F.
163.406	1/2" P.V.C. PIPE SCH. 40	* 1685	700	2385	L.F.
163.408	2" P.V.C. PIPE SCH. 40	1345	870	2215	L.F.
163.409	2 1/2" P.V.C. PIPE SCH. 40	* 1245	500	1745	L.F.
163.410	3" P.V.C. PIPE SCH. 40	665	545	1210	L.F.
163.510	ROTARY POPUP SPRINKLER	77	51	128	E.A.
163.412	4" P.V.C. PIPE SCH. 40	425	—	425	L.F.
163.511	SPRAY HEAD POP-UP SPRINKLER	27	—	27	E.A.
163.512	QUICK COUPLER VALVE	5	—	5	E.A.
163.622	2 1/2" AUTOMATIC HYDRAULIC VALVE	3	—	3	E.A.
163.623	3" AUTOMATIC HYDRAULIC VALVE	7	5	12	E.A.
163.670	CONCRETE VALVE BOX W/ METAL LID	10	5	15	E.A.

- NOTE:**
- BID GROUP I INCLUDES THE CONSTRUCTION OF CIRCUITS 1 THRU 10; THE 8" AND 12" IRRIGATION MAIN; AND QUICK COUPLER CIRCUIT.
 - BID GROUP II INCLUDES THE CONSTRUCTION OF CIRCUITS 11 THRU 15.

* = QUICK COUPLER CIRCUIT
⊙ = INCLUDES 8" & 6" IRRIGATION MAIN

Department of Public Services

Engineering Design Division

IRRIGATION PLAN
PHASE IV
BALLFIELD No. 2

FREEDOM PARK

Scale (h) 1" = 40'

Scale (v) 1" = 40'

W.O. no. 3689

Date 8/23/77

Design by U. KALINOWSKI

Drawn by M. ESCOBAR

Approved by the Director of Public Services

Date

Revisions

1. AS BUILT
RHS
4-9-81

Drawing no. 650.22-8

18

27

AS BUILT