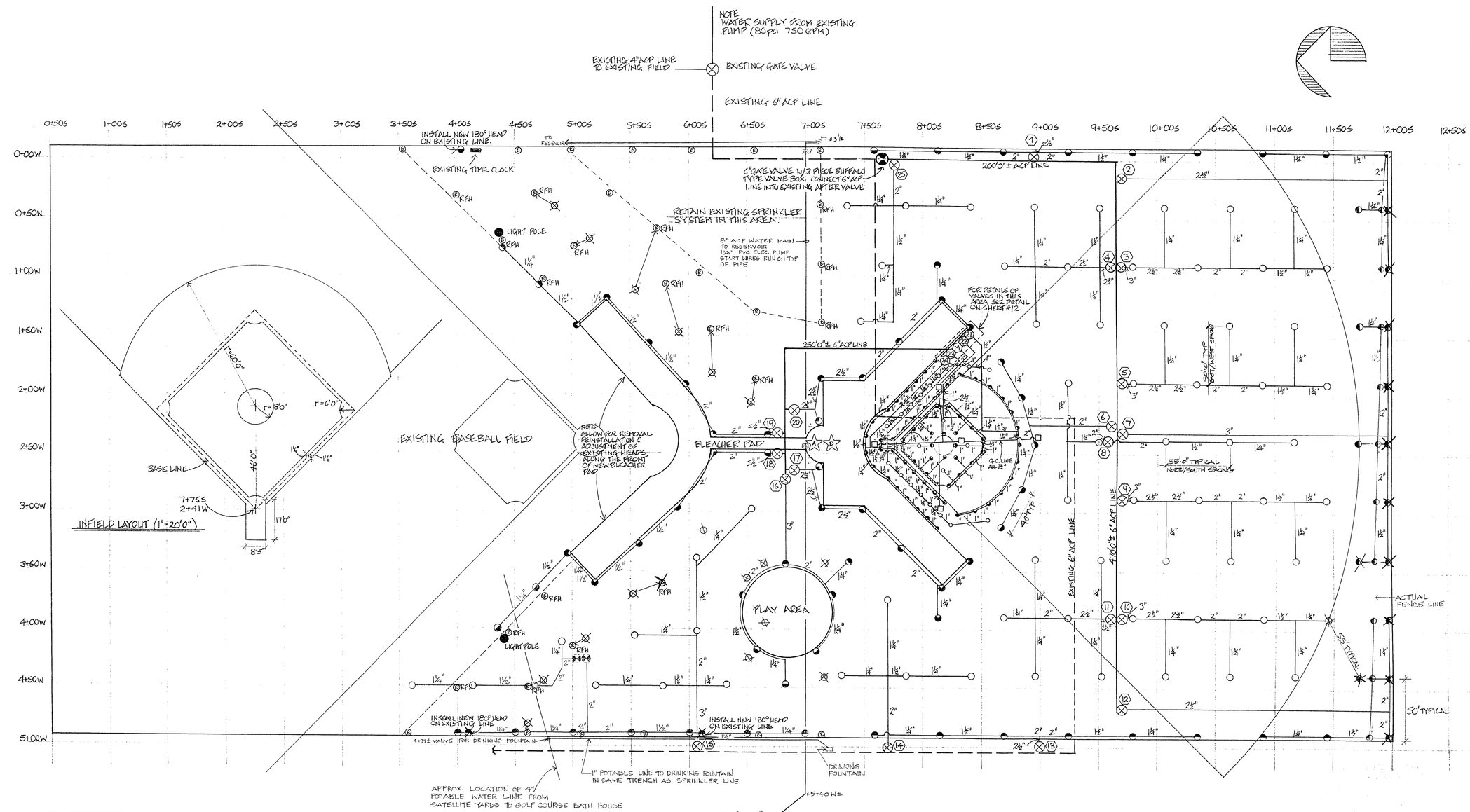

NOTES

*(FOR DETAILS SEE SHEET #12.)

1. ALL EXISTING HEADS WHICH ARE TO BE REMOVED OR REPLACED ARE TO BE RETURNED TO CLV. DEPT OF RECREATION & LEISURE ACTIVITIES.
*2. ALL TEE JOINTS AND JOINTS WHERE DEFLECTIONS ARE GREATER THAN 30° ARE TO BE PROVIDED WITH THRUST BLOCKS. (SEE DETAIL SHEET #12)
3. ALL 2" MANUAL VALVES TO BE CHAMPION 2" ANGLE VALVES (OR APPROVED EQUAL) IN BRASS WITH RUBBER SEAT IN A BROOKS #3 BOX (OAE) WITH COVER ON SURFACE
*4. QUICK COUPLERS TO BE RAINBIRD 44 (O.A.E) WITH RUBBER COVER.
*5. AUTOMATIC CONTROL VALVES TO BE AQUA DIAL #5166 ELECTRIC ALL BRASS 2" VALVE WITH FLOW CONTROL STEM IN BROOKS #3 BOX (OAE) BELOW G.L.
6. ALL IRRIGATION LATERALS TO BE BURIED 12"(MIN) BELOW FINISHED GRADE
7. ALL MAIN LINES TO BE 24"(MIN) BELOW FINISHED GRADE.
*8. ALL ROTARY POPUP HEADS TO BE THOMPSON COMMANDERS 186 & 187 (O.A.E) WITH 'S' TYPE NOZZLES AND RUBBER COVERS TO OPERATE BETWEEN 35 TO 55 PSI, EXCEPT # HEADS WHICH WILL HAVE 'R' TYPE NOZZLES
*9. SPRAY TYPE SPRINKLER HEADS TO BE SAFE-T-LAWN GL 71 (6" POP UP) (O.A.E) WITH PATTERN REDUCER NOZZLES TO OPERATE AT 30 PSI.
*10. TIME CLOCK CONTROLLERS TO BE AQUADIAL ACE #11 ELECTRIC WALL MOUNTED (O.A.E) IN CUSTOM MANUFACTURED PEDESTAL CABINET

IRRIGATION SCHEDULE

CONTROLLER A			CONTROLLER B		
STA	CIRCUIT NUMBERS	GPM	STA	CIRCUIT NUMBERS	GPM
1	(1) (2)	177.6	1	(14) (15)	148.0
2	(3)	103.6	2	(15)	103.6
3	(4) (6)	162.8	3	(16)	103.6
4	(5)	103.6	4	(17)	103.6
5	(7)	118.4	5	(19) (20)	162.8
6	(8)	88.8	6	(21)	103.6
7	(9)	103.6	7	(23) (24)	132.2
8	(10)	103.6	8	(25)	35.0
9	(11)	88.8	9	(22)	65.5
10	(12) (13)	177.6	10	SPARE	
11	ADDITIVE ALTERNATE SEE SHEET #12		11	SPARE	
12	SPARE		12	SPARE	

IRRIGATION LEGEND & QUANTITIES

SYMBOL	DESCRIPTION	ITEM NUMBER	QTY	UNIT
○	FULL ROTOR POP UP HEAD	213.03.02	62	Ea
◐	270° ROTOR POP UP HEAD	" " "	12	Ea
◒	180° ROTOR POP UP HEAD	" " "	53	Ea
◔	90° ROTOR POP UP HEAD	" " "	8	Ea
○	FULL SPRAY SPRINKLER	213.03.04	27	Ea
◐	270° SPRAY SPRINKLER	" " "	4	Ea
◒	180° SPRAY SPRINKLER	" " "	53	Ea
◔	90° SPRAY SPRINKLER	" " "	10	Ea
⊗	MANUAL CONTROL VALVE (2") SEE SHEET #12	213.02.08	5	Ea
⊗	AUTOMATIC CONTROL VALVE (2") " " "	213.02.15	25	Ea
⊗ (P)	EXISTING ROTOR HEAD - RELOCATE**	213.03.10	10	Ea
⊗	EXISTING ROTOR HEAD - REMOVE	" " "	10	Ea
(R) RFH	REPLACE EXISTING HEAD WITH FULL HEAD	" " "	19	Ea
	** INCLUDES PIPE & FITTINGS			

IRRIGATION LEGEND & QUANTITIES

SYMBOL	DESCRIPTION	ITEM NUMBER	QTY	UNIT
(R)	EXISTING ROTOR HEAD (RETAIN	N/A	N/A	—
SEE NOTE ON DRAWING	RAISE EXISTING HEADS TO NEW GL	213.03.10	LS	—
□	QUICK COUPLER VALVE	213.02.09	5	Ea
1"	1"Ø PVC SCHEDULE 40 PIPE.	213.02.01	771	LF
1¼"	1¼"Ø PVC SCHEDULE 40 PIPE.	213.02.012	3145	LF
1½"	1½"Ø PVC SCHEDULE 40 PIPE.	213.02.015	1535	LF
2"	2"Ø PVC SCHEDULE 40 PIPE.	213.02.02	1627	LF
2½"	2½"Ø PVC SCHEDULE 40 PIPE.	213.02.025	1045	LF
3"	3"Ø PVC SCHEDULE 40 PIPE.	213.02.03	410	LF
	6"Ø ACP PIPE.	629.02.026	960	LF
6" ACP	6" GATE VALVE.	213.02.076	1	Ea
	CIRCUIT NUMBER	N/A	N/A	—
	11 STATION ELECTRIC TIME CLOCK	213.02.40	2	Ea
	STEEL CABINET AS PER DETAIL SHEET #12	213.02.45	1	Ea

CONTRACT DRAWING
4/29/83 NY

CITY OF LAS VEGAS
CLARK COUNTY
NEVADA

City of Las Vegas, Nevada
Office of Architectural Services and Project Control
Don J. Saylor A.I.P. Deputy City Manager

FOUNTAIN PARK ~ PHASE II IRRIGATION

Design By: OAS	Date: NOV 80	Revised By: QUANTITIES REVISED / J. Jones	Date: 11-26-80
Drawn By: SALES	Date: NOV 80	Revised By: HEADS & LINES AS-BUILT / F. LEE	Date: 4-21-83
Division: LANDSCAPE DESIGN		Scale: 1" TO 40'0"	

Sheet: B-4
Drawing No: 675-22A
W. O. no: 0022
of 7

BID № 81.3550.3 SHEET 11 of 19