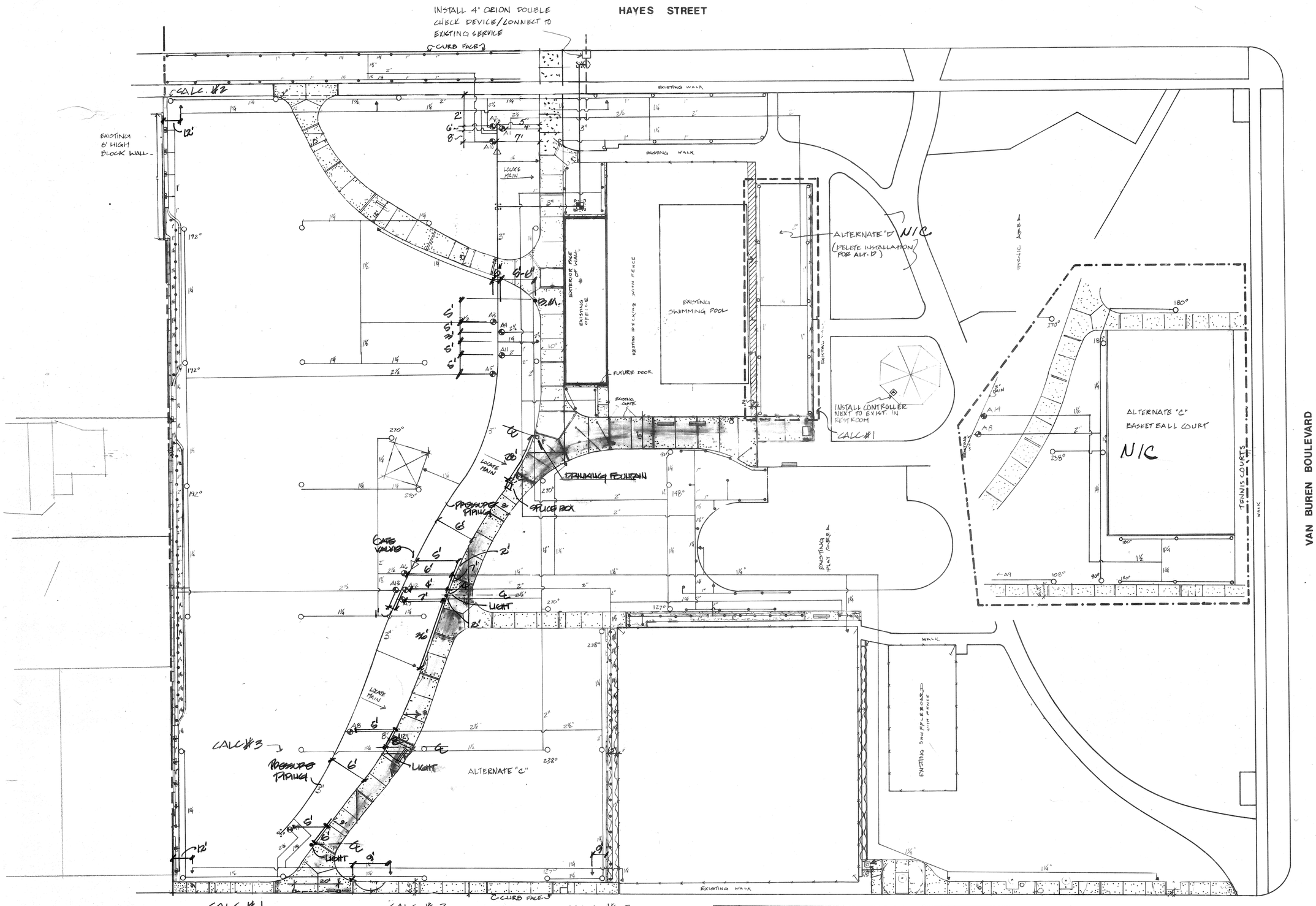

CALC #1

GPM= 61.4 STATIC= 85.0

METER		1.0
RP		9.0
MAIN		.6
VALVE		3.5
LATERALS	2½"	1.27
	2"	1.44
	1½"	—
	1¼"	.2
	1"	.05
	¾"	.25
		17.31

85 − 17.31 = PRESSURE AT HEAD 67.69

CALC #2

GPM= 70. STATIC= 85.0

METER		1.3
RP		9.5
MAIN		.8
VALVE		4.0
LATERALS	2½"	.10
	2"	.69
		.65
		.74
		17.78

85 − 17.78 = PRESSURE AT HEAD 67.22

CALC #3

GPM= 87.5 STATIC = 85.0

METER		2.0
RP		11.0
MAIN		2.27
VALVE		4.0
LATERALS	2½"	1.09
	2"	1.44
	1½"	1.38
	1¼"	1.04
		24.22

85 − 24.22 = PRESSURE AT HEAD 60.78

SYM	TYPE	MFGR	MODEL NO.	NOZZLE	ARC	GPM	PSI	NOTES	DETAIL	PG.
	BUBBLER	RAINBIRD	#2200	—	180°	.7	1	BRASS BUBBLER, STATION # A12 & A13	#1	I-4
	SPRAY	"	171E-HP	12'	90-360	1.1-2.2	30	2 3/16" POP UP, BRASS	#2	
	ROTOR	TORO	62X-00-XX	24-25-26	90°-360°	30-9.0	50	90=24 NOZ., 180=25 NOZ., 360°=26 NOZ.	#2	
	"	THOMPSON	186-S-X-RCFC	#.5	90°-360°	16.0	50	USE SPECIAL ANGLES AS NOTED/SEE SPECS.	#4	
	VALVE	"	216-06-08	ELECTRIC - 24 VAC				2" BRASS GLOBE VALVE	#5	
	QC VALVE	RAINBIRD	R.B. #33 LVC	QUICK COUPLING VALVE				LOCKING W/VINYL COVER	#6	
	MAN. VALVE	—	GATE OR BALL VALVE - ISOLATION VALVE					USE SAME SIZE AS LINE, BRASS	—	
	—	—	POINT OF CONNECTION - WATER SUPPLY TAP						—	
	BACKFLOW	ORION	#9-2929	2" REDUCED PRESSURE BACKFLOW PREVENTER					#8	
	THRUST BLK		THRUST BLOCKS TO BE INSTALLED AT SPECIFIED LOCATIONS						—	
	CONTROLLER	TORO	179-06-01	TO BE MOUNTED INSIDE RESTROOM FACILITY					#3	

ALL LATERALS SHALL BE P.V.C. CLASS 200/ OR SCH. 40/ UNMARKED LATERALS ¾"
ALL MAINS SHALL BE: P.V.C. SCH 40 FOR LINES 1" THRU 2"
P.V.C. CLASS 315 FOR LINES 2½" THRU 3"
ALL PRODUCTS SHALL BE AS SPECIFIED OR APPROVED EQUAL

north

REGISTERED LANDSCAPE ARCHITECT James Montgomery 1912
6/20/81

Revisions: 10/23 REVISION SHEET PER CITY REQUEST

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ARLINGTON PARK
RIVERSIDE, CA.

Irrigation

Drn. by: DJM
Date: 6-24-81
Scale: 1=20
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