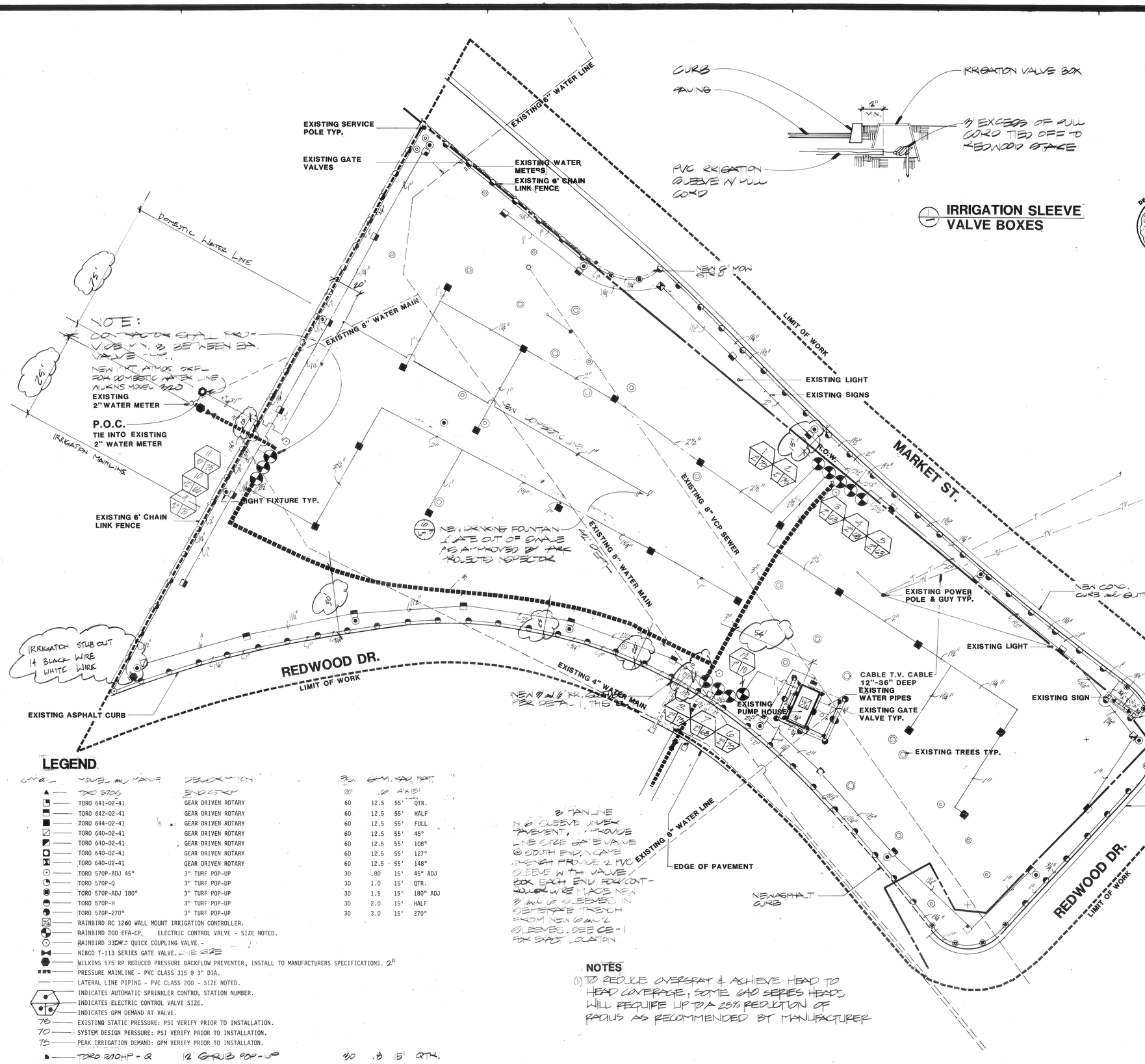

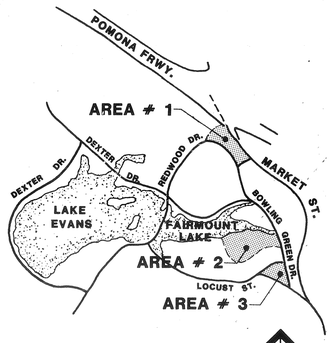

FAIRMOUNT PARK
MAP N.T.S.

north

IRRIGATION SLEEVE VALVE BOXES

LEGEND

SYMBOL	MANUFACTURER AND MODEL	DESCRIPTION	PSI	GPM	RADIUS	PRECIPITATION RATE
▲	TORO 570Q	END STRIP	70	.16	4'x15'	
◧	TORO 641-02-41	GEAR DRIVEN ROTARY	60	12.5	55'	QTR.
◨	TORO 642-02-41	GEAR DRIVEN ROTARY	60	12.5	55'	HALF
■	TORO 644-02-41	GEAR DRIVEN ROTARY	60	12.5	55'	FULL
◪	TORO 640-02-41	GEAR DRIVEN ROTARY	60	12.5	55'	45°
◪	TORO 640-02-41	GEAR DRIVEN ROTARY	60	12.5	55'	108°
◻	TORO 640-02-41	GEAR DRIVEN ROTARY	60	12.5	55'	127°
⧓	TORO 640-02-41	GEAR DRIVEN ROTARY	60	12.5	55'	148°
⊙	TORO 570P-ADJ 45°	3" TURF POP-UP	30	.80	15'	45° ADJ
◔	TORO 570P-Q	3" TURF POP-UP	30	1.0	15'	QTR.
◙	TORO 570P-ADJ 180°	3" TURF POP-UP	30	1.5	15'	180° ADJ
◓	TORO 570P-H	3" TURF POP-UP	30	2.0	15'	HALF
◑	TORO 570P-270°	3" TURF POP-UP	30	3.0	15'	270°
▨	RAINBIRD RC 1260 WALL MOUNT IRRIGATION CONTROLLER.					
⊕	RAINBIRD 200 EFA-CP. ELECTRIC CONTROL VALVE - SIZE NOTED.					
⊙	RAINBIRD 33DNC QUICK COUPLING VALVE -					
⋈	NIBCO T-113 SERIES GATE VALVE. LINE SIZE					
⬢	WILKINS 575 RP REDUCED PRESSURE BACKFLOW PREVENTER, INSTALL TO MANUFACTURERS SPECIFICATIONS. 2"					
▪▪	PRESSURE MAINLINE - PVC CLASS 315 @ 3" DIA.					
——	LATERAL LINE PIPING - PVC CLASS 200 - SIZE NOTED.					
⬡	INDICATES AUTOMATIC SPRINKLER CONTROL STATION NUMBER.					
⊕	INDICATES ELECTRIC CONTROL VALVE SIZE.					
70	INDICATES GPM DEMAND AT VALVE.					
75	EXISTING STATIC PRESSURE: PSI VERIFY PRIOR TO INSTALLATION.					
70	SYSTEM DESIGN PERSSURE: PSI VERIFY PRIOR TO INSTALLATON.					
75	PEAK IRRIGATION DEMAND: GPM VERIFY PRIOR TO INSTALLATON.					
◗	TORO 570HP-Q	12 SHRUB POP-UP	30	.8	15'	QTR.
◓	TORO 570HP-H	12 SHRUB POP-UP	30	1.0	15'	HALF

2" MAIN LINE IN 6" SLEEVE UNDER PAVEMENT, PROVIDE LINE SIZE GATE VALVE @ SOUTH END, ALSO AT MIDLENGTH PROVIDE 2 PVC SLEEVE WITH VALVE BOX EACH END FOR CONTROL WIRE PLACE NEW 2" and 6" SLEEVES IN SEPERATE TRENCH FROM NEW 6" and 2" SLEEVES. SEE CE-1 FOR EXACT LOCATION.

NOTES

(1) TO REDUCE OVERSPRAY & ACHIEVE HEAD TO HEAD COVERAGE, SOME 640 SERIES HEADS WILL REQUIRE UP TO A 25% REDUCTION OF RADIUS AS RECOMMENDED BY MANUFACTURER

48 HOURS BEFORE YOU DIG CALL
Underground Service Alert
1-800-422-4133

REGISTERED LANDSCAPE ARCHITECT
RONALD DEE KAMMEYER
NO. 2256
STATE OF CALIFORNIA

north

SCALE 1" :: 20' - 0"

AS BUILT 8-89

PLAN NUMBERS 0613 0617

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CITY OF RIVERSIDE
FAIRMOUNT PARK

AREA # 1
IRRIGATION PLAN

Date:
Revisions:

no	date	by

drawn by

Sheet: L-10 of 19

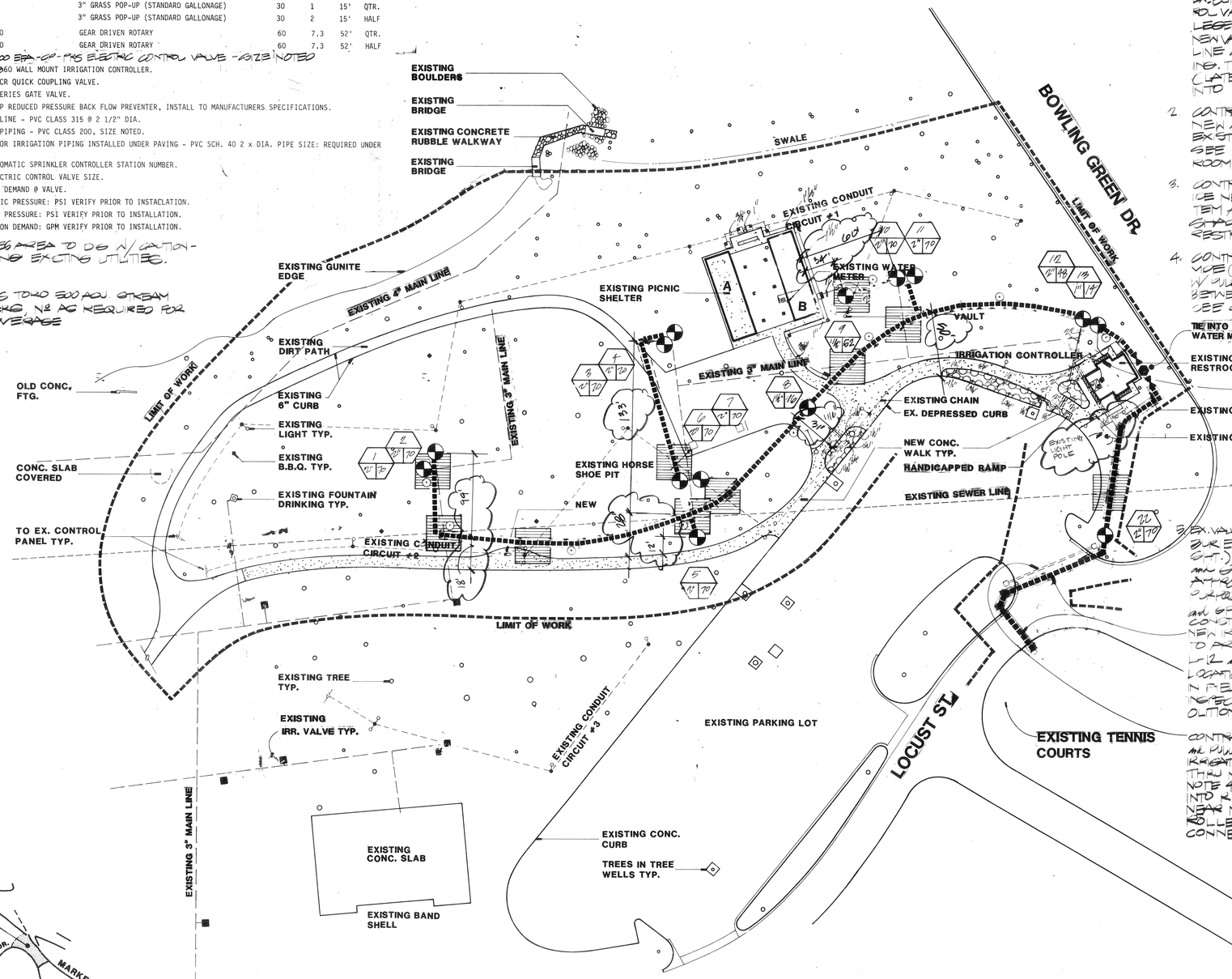
JOB NO.
84-R-33010
BR-33-101

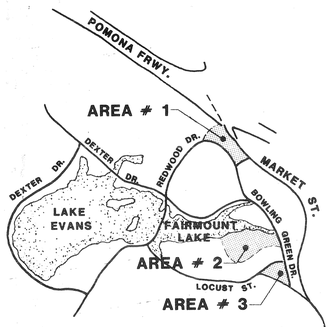
LEGEND

SYMBOL	MODEL & MANUFACTURER	DESCRIPTION	PSI	GPM	RAD	REMARKS
	TORO 570P-Q	3" GRASS POP-UP (STANDARD GALLONAGE)	30	1	15'	QTR.
	TORO 570P-H	3" GRASS POP-UP (STANDARD GALLONAGE)	30	2	15'	HALF
	TORO 641-02-40	GEAR DRIVEN ROTARY	60	7.3	52'	QTR.
	TORO 641-02-40	GEAR DRIVEN ROTARY	60	7.3	52'	HALF
	RAINBRO 200 EBA-CP-FAS ELECTRIC CONTROL VALVE - SIZE NOTED					
	RAINBIRD RC 2960 WALL MOUNT IRRIGATION CONTROLLER.					
	RAINBIRD 33 DCR QUICK COUPLING VALVE.					
	NIBCO T-113 SERIES GATE VALVE.					
	WILKINS 575 RP REDUCED PRESSURE BACK FLOW PREVENTER, INSTALL TO MANUFACTURERS SPECIFICATIONS.					
	PRESSURE MAINLINE - PVC CLASS 315 @ 2 1/2" DIA.					
	LATERAL LINE PIPING - PVC CLASS 200, SIZE NOTED.					
	PIPE SLEEVE FOR IRRIGATION PIPING INSTALLED UNDER PAVING - PVC SCH. 40 2 x DIA. PIPE SIZE: REQUIRED UNDER ALL PAVEMENT.					
	INDICATES AUTOMATIC SPRINKLER CONTROLLER STATION NUMBER.					
	INDICATES ELECTRIC CONTROL VALVE SIZE.					
	INDICATES GPM DEMAND @ VALVE.					
75	EXISTING STATIC PRESSURE: PSI VERIFY PRIOR TO INSTACLATION.					
60	SYSTEM DESIGN PRESSURE: PSI VERIFY PRIOR TO INSTALLATION.					
37	PEAK IRRIGATION DEMAND: GPM VERIFY PRIOR TO INSTALLATION.					

INDICATES AREA TO BE N/ CAUTION - CROSSING EXCTING UTILITIES.

INDICATES TO 40 300 ADJ. STREAM BUBBLERS, N2 AC REQUIRED FOR 100% COVERAGE





FAIRMOUNT PARK
MAP N.T.S.

NOTES:

1. CONTRACTOR SHALL REPLACE EX. BURIED REMOTE CONTROL VALVES PER PLAN AND LEGEND THIS SHT. PROVIDE NEW VALVE BOXES, AND MAINLINE AND ABANDON EXISTING. TIE EXISTING SYSTEMS (LATERAL PIPE AND HEADS) INTO NEW VALVES
2. CONTRACTOR SHALL TIE NEW 2½" MAINLINE INTO EXISTING WATER METER. SEE REAR OF RESTROOM.
3. CONTRACTOR SHALL PROVIDE NEW IRRIGATION SYSTEM AS SHOWN @ NEW SHADE STRUCTURE AND RESTROOM.
4. CONTRACTOR SHALL PROVIDE (2) NEW 2" SLEEVES W/ PULL BOX @ EACH END BETWEEN AREAS # 2 AND # 3 SEE CONSTRUCTION PLAN.

TIE INTO EXISTING WATER METER P.O.C.

EXISTING RESTROOM

CROSS HATCHED AREA INDICATES PLANTERS AROUND RESTROOM TO BE IRRIGATED BY VALVE #19 PROVIDE TORO DESBU 200 ADJUSTABLE STREAM BUBBLERS. PROVIDE 100% COVERAGE.

EXISTING RCV

EXISTING VAULT

3/ EX. VALVES 1-7, 9-11 AND 22 ARE BURIED (SEE NOTE 1 THIS SHT.) THUS VALVE SIZE AND GPM DEMAND ARE APPROXIMATE FOR BOOKING PURPOSES ONLY. VERIFY SIZE AND GPM W/ CITY PRIOR TO CONSTRUCTION.

NEW IRRIGATION MAINLINE TO AREA # 2, SEE SHEET L-12 AND CE-2 FOR EXACT LOCATION. VERIFY LOCATION IN FIELD W/ PARK REVIEWS INSPECTOR PRIOR TO DEMOLITION WORK.

CONTRACTOR SHALL PROVIDE ⚠ MIN. FOUR (4) BLACK AND (1) WHITE IRRIGATION CONTROLLER WIRES THRU NEW 2" SLEEVE, SEE NOTE 4 THIS SHEET. PULL WIRES INTO RESTROOM AND TIE OFF NEAR NEW IRRIGATION CONTROLLER FOR FUTURE CONNECTION

48 HOURS BEFORE YOU DIG CALL Underground Service Alert 1-800-422-4133

REGISTERED LANDSCAPE ARCHITECT RONALD DEE KAMMEYER Signature 3-31-88 Date NO. 2256 STATE OF CALIFORNIA

north

SCALE 1" :: 40' - 0"

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FAIRMOUNT PARK

AREA # 2
IRRIGATION PLAN

Date:
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⚠	3-7-88	BB

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Sheet: L-11 of 19

JOB NO.
84-R-33010
BB-33-101

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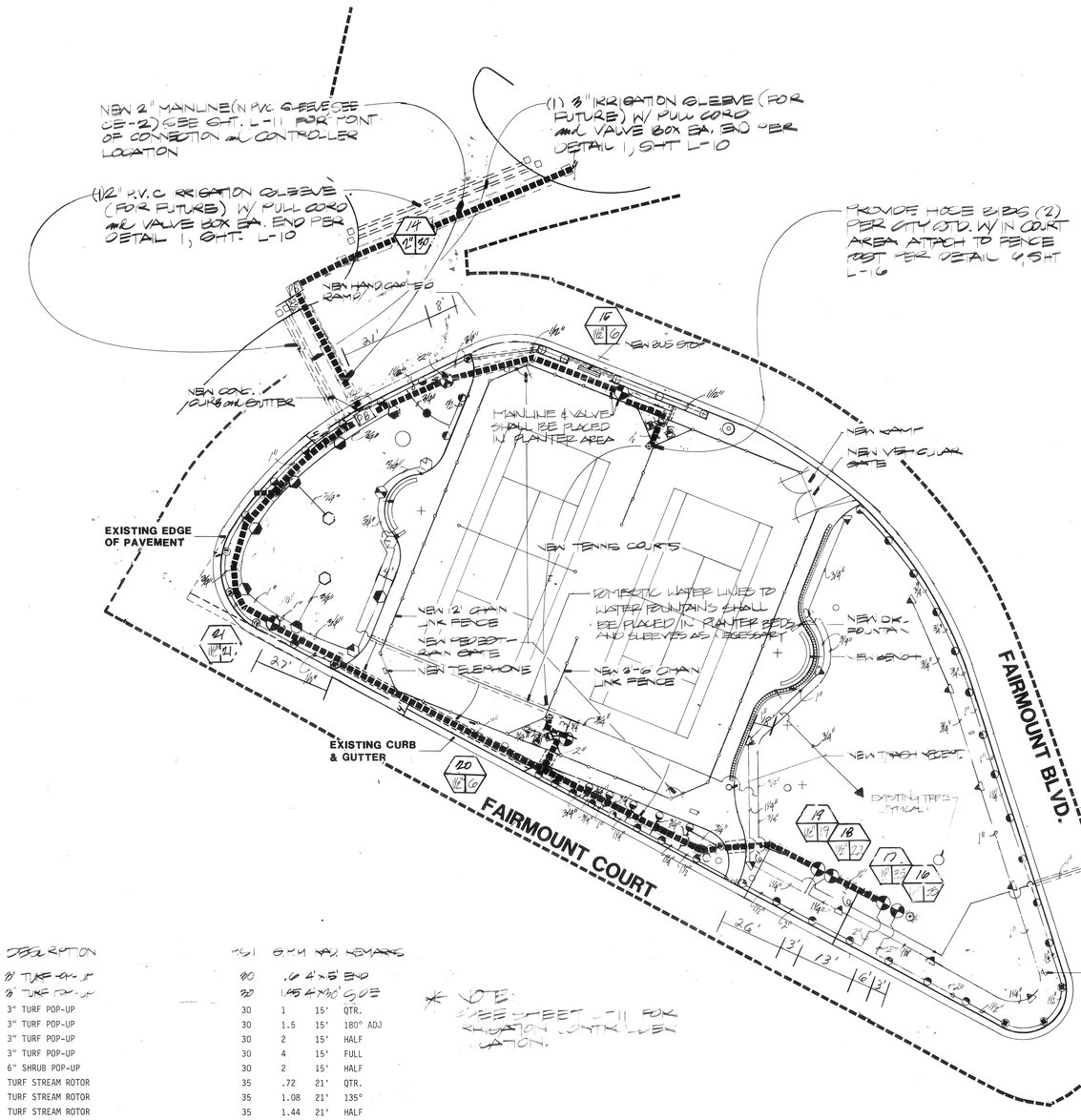
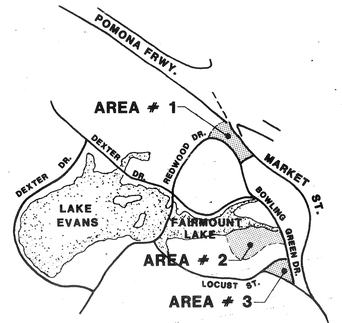
PLAN NUMBERS 05/13
05/17





FAIRMOUNT PARK
MAP N.T.S.

LEGEND

SYM.	MODEL AND MANUFC.	DESCRIPTION	PSI	GPM	RAD.	REMARKS
⊕	TORO 570P 4-BST	½" TURF POP-UP	30	.60	4'x5'	END
⊖	TORO 570P 4-BST	½" TURF POP-UP	30	.45	4'x10'	SIDE
◔	TORO 570P-Q	3" TURF POP-UP	30	1	15'	QTR.
◍	TORO 570P-ADJ 180°	3" TURF POP-UP	30	1.5	15'	180° ADJ
◓	TORO 570P-H	3" TURF POP-UP	30	2	15'	HALF
●	TORO 570P-F	3" TURF POP-UP	30	4	15'	FULL
◓	TORO 570SP-H	6" SHRUB POP-UP	30	2	15'	HALF
Ⓜ	TORO 300-304-00-02	TURF STREAM ROTOR	35	.72	21'	QTR.
Ⓜ	TORO 300-306-00-02	TURF STREAM ROTOR	35	1.08	21'	135°
◓	TORO 300-308-00-02	TURF STREAM ROTOR	35	1.44	21'	HALF
Ⓜ	TORO 300-307-00-02	TURF STREAM ROTOR	35	1.62	21'	202.5°
⬡	TORO 300-316-00-02	TURF STREAM ROTOR	35	2.88	21'	FULL
▲	TORO S600C	SUPER 600 GEAR DRIVEN ROTARY	45	3.1	45'	P.C.
▲	TORO S600C	SUPER 600 GEAR DRIVEN ROTARY	50	3.3	45'	F.C.
⊗	HOSE BIBB SEE DETAIL 9 SHT L-10					

- RAINBIRD 150 EFA-CP-PRS ELECTRIC CONTROL VALVE - SIZE NOTED.
- RAINBIRD 33 DRC QUICK COUPLING VALVE - LINE SIZE.
- NIBCO T-113 SERIES GATE VALVE.
- PRESSURE MAINLINE - PVC CLASS 315@ 2" DIA. THROUGHOUT.
- LATERAL LINE PIPING - PVC CLASS 200 - SIZE NOTED.
- PIPE SLEEVE FOR IRRIGATION PIPING INSTALLED UNDER PAVEMENT - PVC 2 TIMES DIA. PIPE SIZE REQUIRED UNDER ALL PAVEMENT.
- INDICATES AUTOMATIC SPRINKLER CONTROL STATION NUMBER.
- INDICATES ELECTRIC CONTROL VALVE SIZE.
- INDICATES GPM DEMAND AT VALVE.

75 — EXISTING STATIC PRESSURE: PSI VERIFY PRIOR TO INSTALLATION.
60 — SYSTEM DESIGN PRESSURE: PSI VERIFY PRIOR TO INSTALLATION.
35 — PEAK IRRIGATION DEMAND: GPM VERIFY PRIOR TO INSTALLATION.

- NEW 1" RPD ATMOSPHERIC BACKFLOW PREVENTER INSTALL TO MANUFACTURERS SPEC.
- WILKINS 375 AP REDUCED PRESSURE BACK-FLOW PREVENTER INSTALL TO MANUFACTURER.

1. WHERE POSSIBLE PROVIDE SLEEVES FOR ALL LINES UNDER ALL PAVING MAINLINE IS SHOWN IN WALKWAYS FOR CLARIFICATION ONLY, CONTRACTOR SHALL PLACE MAINLINE WITHIN PLANTER AREAS.
2. TO REDUCE OVERSPRAY & ACHIEVE HEAD TO HEAD COVERAGE, ALL SUPER 600 SERIES HEADS WILL REQUIRE PARTIAL 25% RADIUS REDUCTION AS RECOMMENDED BY MANUFACTURER

48 HOURS BEFORE YOU DIG CALL
Underground Service Alert
1-800-422-4133

REGISTERED LANDSCAPE ARCHITECT
RONALD BEE KAMMEYER
Signature
20 JUNE 89
Date
NO. 2256
STATE OF CALIFORNIA

north

SCALE 1" = 20' - 0"

AS BUILT 8 89

PLAN NUMBERS 05/13 05/17

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FAIRMOUNT PARK

AREA # 3
IRRIGATION PLAN

Date:
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L-12 OF 19

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