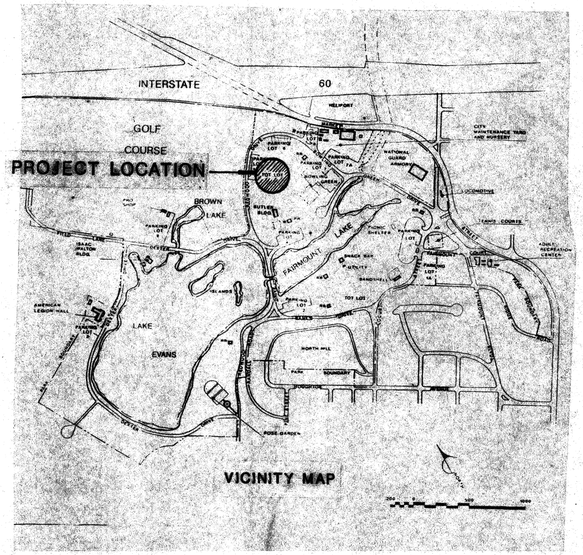
city of riverside
park & recreation
department
(714) 782-5223
3900 MAIN ST RIVERSIDE, CALIFORNIA 92522

FAIRMOUNT PARK PLAYGROUND REHABILITATION – DAY CAMP AREA



SHEET INDEX

1. TITLE SHEET
2 DEMOLITION PLAN
3 CONSTRUCTION PLAN
4 PLAY EQUIPMENT LAYOUT/GRADING PLAN
5 IRRIGATION PLAN
6 ELECTRICAL PLAN
7 ELECTRICAL DETAILS

APPROVALS

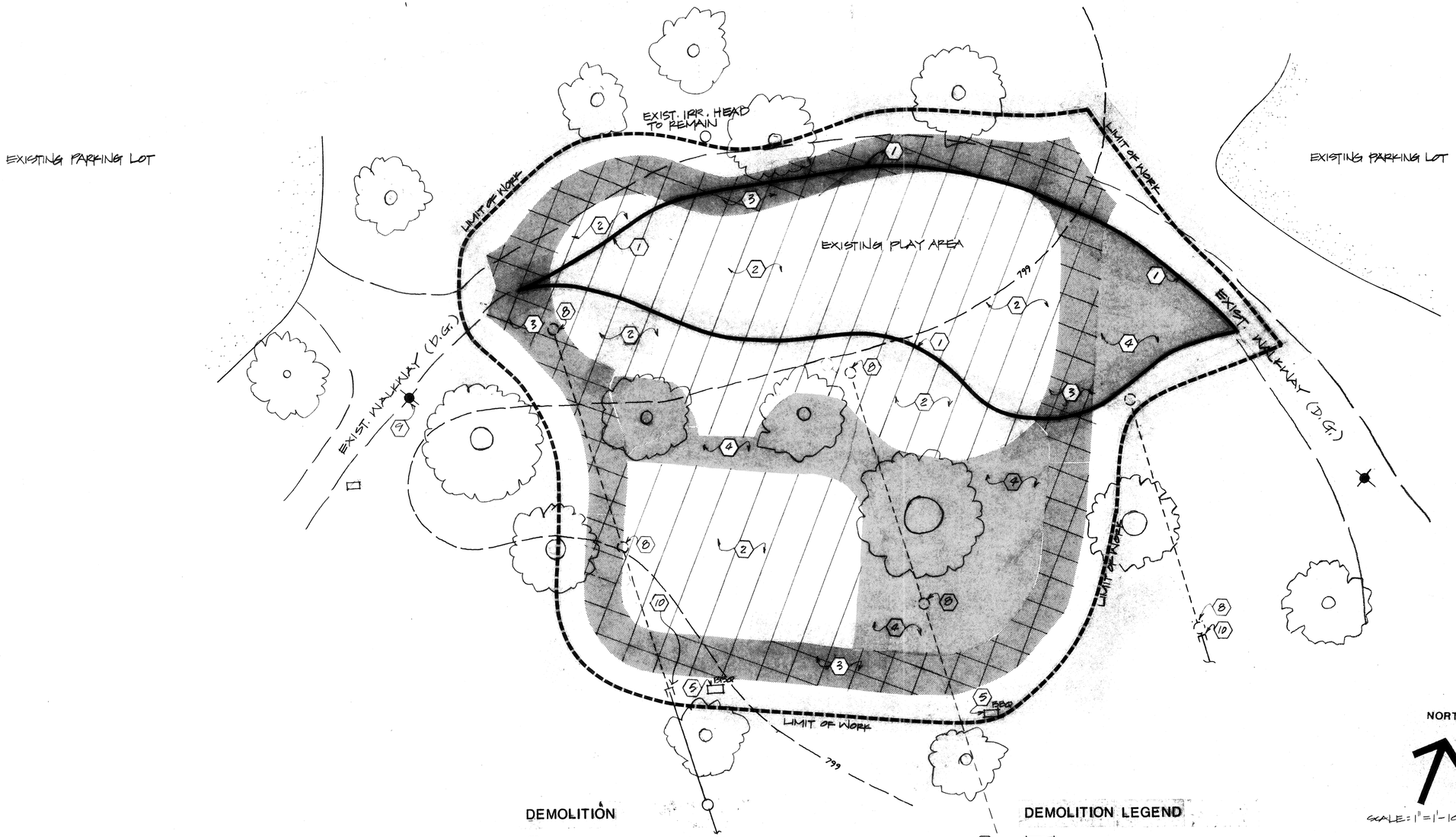
D. W. Bachman 5/6/91
PARK & RECREATION DIRECTOR DATE

Terry Custer 5/6/91
PARK SUPERINTENDENT DATE

Robert Taylor 5-6-91
PARK PLANNING COORDINATOR DATE

RECEIVED
JUL 12 1991
PARK & RECREATION
DEPARTMENT
BID SET

AS BUILTS



DEMOLITION

1. REMOVE EXIST. CONCRETE CURB.
2. EXCAVATE TO A DEPTH OF ±6" BELOW EXIST. GRADE.
3. EXCAVATE TO A DEPTH OF ± 3" BELOW EXIST. GRADE.
4. REMOVE & DISPOSE OF EXIST. TURF. MAINTAIN EXIST. GRADE AT TREES.
5. EXIST. BBQ TO BE RELOCATED.
6. CUT & CAP EXIST. IRRIGATION LINE.
8. REMOVE EXIST. IRR. HEAD & TURN OVER TO PARK PROJECTS INSPECTOR.
9. EXIST. WALKWAY LIGHT - SEE ELECTRICAL PLAN FOR DISPOSITION.
10. CUT EXIST. LINE & RE-ROUTE - SEE IRRIG. PLN.

DEMOLITION LEGEND

- REMOVE & DISPOSE OF EXIST. TURF. MAINTAIN EXIST. GRADE.
- EXCAVATE ±6" BELOW EXIST. GRADE.
- EXCAVATE ± 3" BELOW EXIST. GRADE.
- EXIST. TREE TO REMAIN - PROTECT IN PLACE.
- EXIST. IRRIGATION LINE TO REMAIN.
- EXIST. IRRIGATION LINE TO BE REMOVED.

NORTH

SCALE: 1" = 1'-10'-0"

0 5' 10' 15' 20'

FAIRMOUNT PARK - DAY CAMP AREA

PLAYGROUND REHABILITATION

DEMOLITION PLAN

city of riverside
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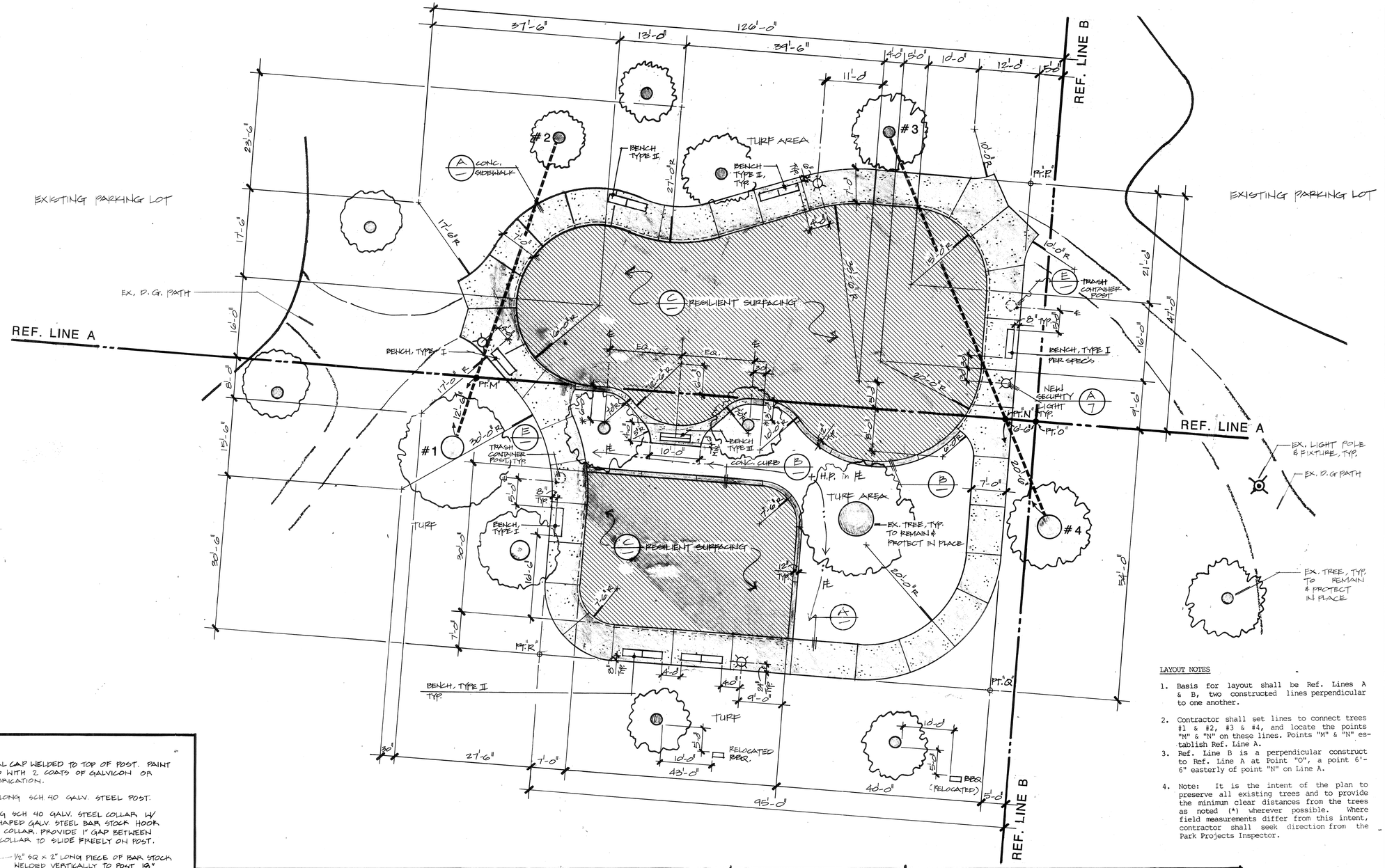
(714) 787-7223
3900 MAIN ST RIVERSIDE, CALIFORNIA 92522

revisions	by

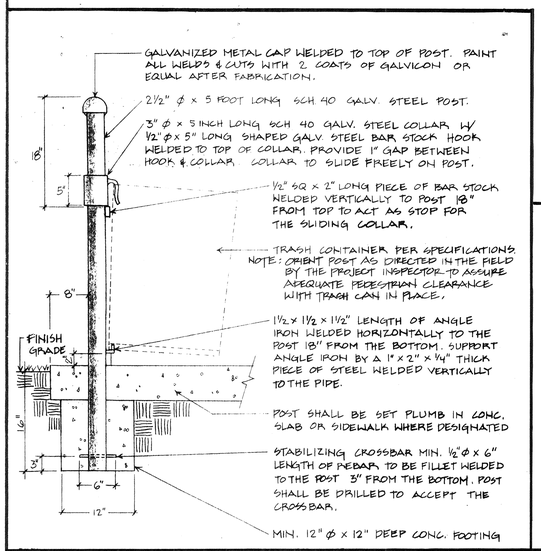
date	5-7-91
design	JH
drawn	JH
check	RD
acc't. no.	
SHEET	2 of 7

BID SET

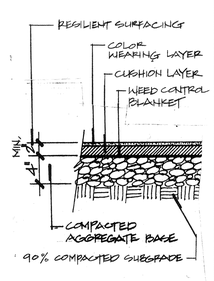


LAYOUT NOTES

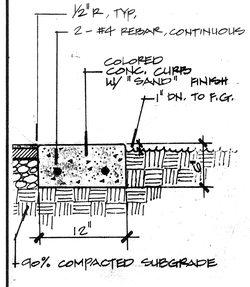
1. Basis for layout shall be Ref. Lines A & B, two constructed lines perpendicular to one another.
2. Contractor shall set lines to connect trees #1 & #2, #3 & #4, and locate the points "M" & "N" on these lines. Points "M" & "N" establish Ref. Line A.
3. Ref. Line B is a perpendicular construct to Ref. Line A at Point "O", a point 6'-6" easterly of point "N" on Line A.
4. Note: It is the intent of the plan to preserve all existing trees and to provide the minimum clear distances from the trees as noted (*) wherever possible. Where field measurements differ from this intent, contractor shall seek direction from the Park Projects Inspector.



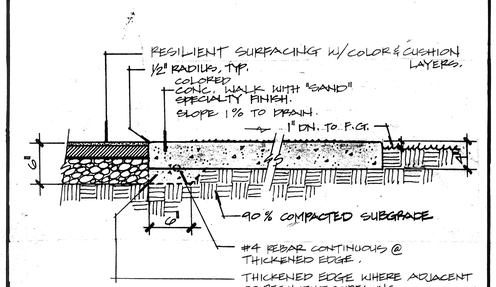
TRASH CONTAINER POST | E



RESILIENT SURFACING | C



CONC. CURB | B



CONCRETE SIDEWALK | A

NORTH

SCALE: 1" = 10'-0"
0 5' 10' 15' 20'

FAIRMOUNT PARK – DAY CAMP AREA

PLAYGROUND REHABILITATION

CONSTRUCTION PLAN

city of riverside
park & recreation
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revisions	by

date	5-7-91
design	EL
drawn	EL
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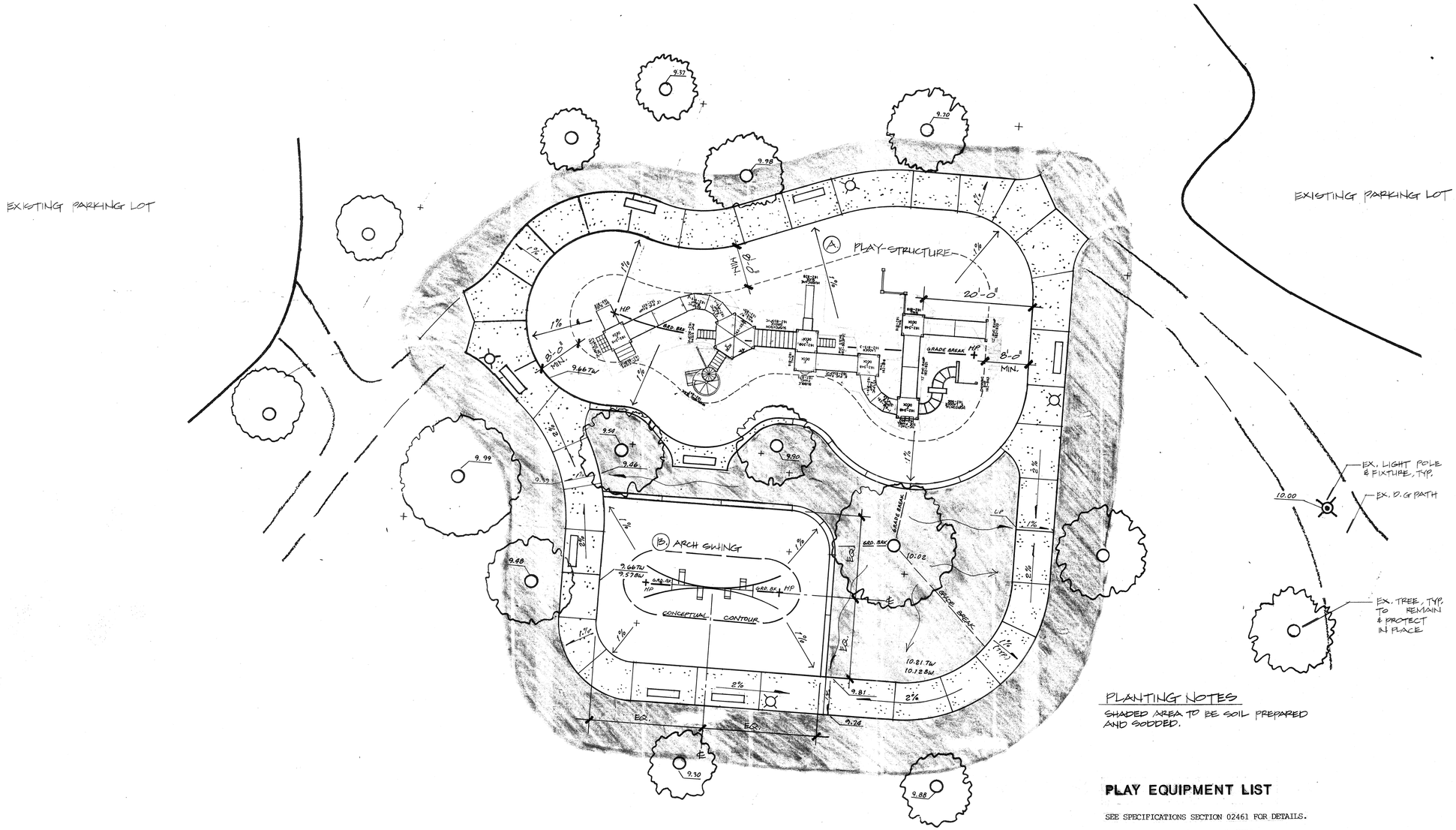
BID SET



PLANTING NOTES

SHADED AREA TO BE SOIL PREPARED AND SODDED.

PLAY EQUIPMENT LIST

SEE SPECIFICATIONS SECTION 02461 FOR DETAILS.

GRADING NOTES

1. GRADE INTERIOR TURFED AREA TO LOW POINTS OF WALKS AS NOTED ON PLAN.
2. MAINTAIN EXIST. GRADES AROUN TREES.
3. CROSS SLOPE WALKS @ 1% AS NOTED ON PLAN.
4. CROWN PLAY AREA SURFACES @ 1% AS NOTED ON PLAN.

NORTH

SCALE: 1" = 10'-0"
0 5' 10' 15' 20'

FAIRMOUNT PARK – DAY CAMP AREA

PLAYGROUND REHABILITATION
PLAY EQUIPMENT LAYOUT/GRADING PLAN

city of riverside
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3900 MAIN ST RIVERSIDE, CALIFORNIA 92522
(714) 782-5223

revisions	by

date	5-7-91
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drawn	EL/JH
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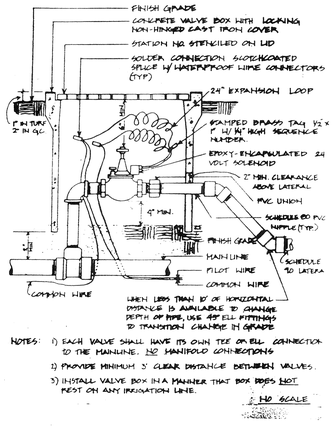
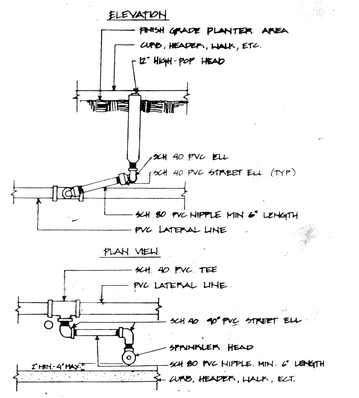
SHEET	4 of 7

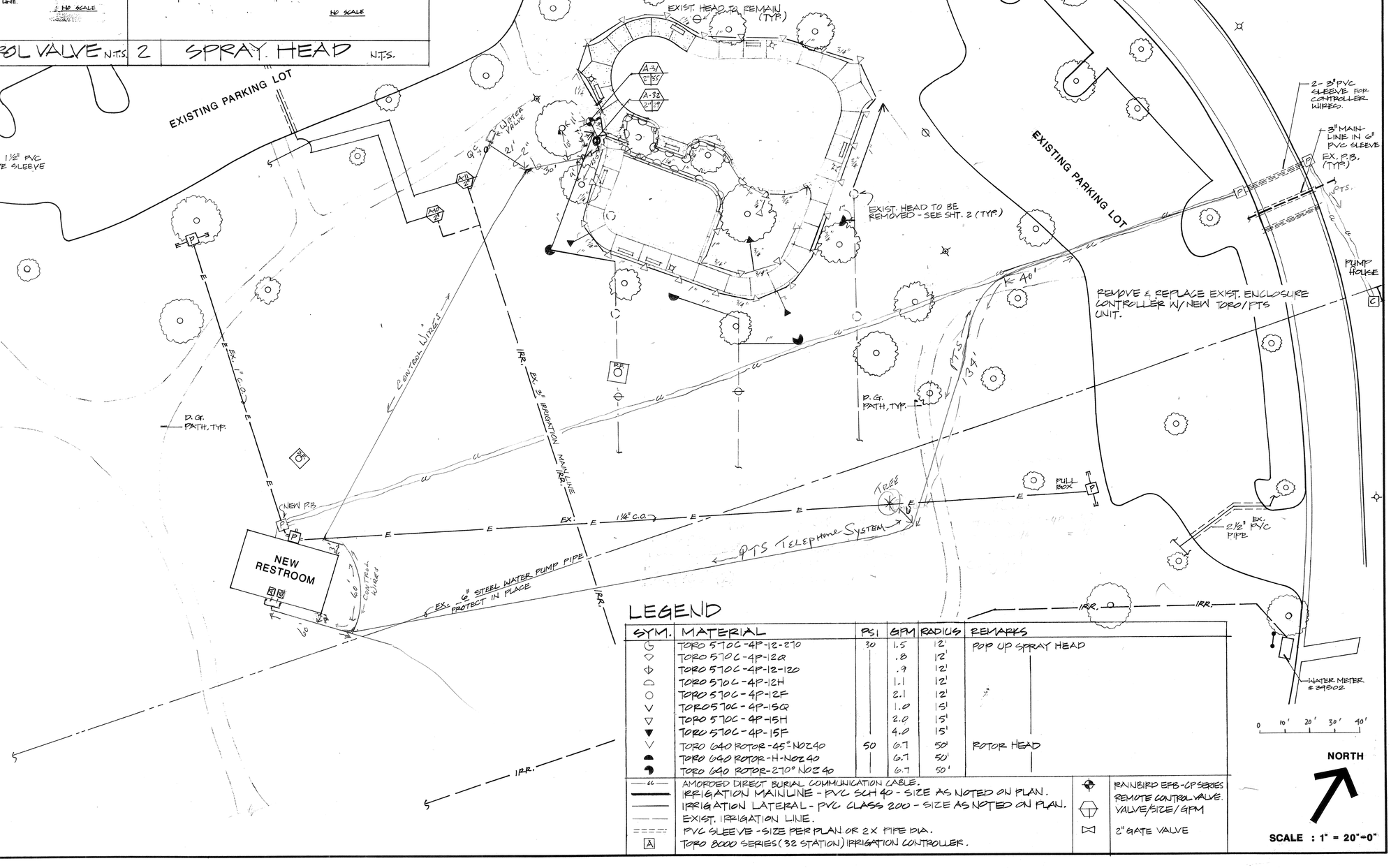
BID SET



1 AUTO. CONTROL VALVE N.T.S.



2 SPRAY HEAD N.T.S.



LEGEND

SYM.	MATERIAL	PSI	GPM	RADIUS	REMARKS
	TORO 570C-4P-12-270	30	1.5	12'	POP UP SPRAY HEAD
	TORO 570C-4P-12Q		.8	12'	
	TORO 570C-4P-12-120		.9	12'	
	TORO 570C-4P-12H		1.1	12'	
	TORO 570C-4P-12F		2.1	12'	
	TORO 570C-4P-15Q		1.0	15'	
	TORO 570C-4P-15H		2.0	15'	
	TORO 570C-4P-15F		4.0	15'	
	TORO 640 ROTOR-45°-NOZ 40	50	6.7	50'	ROTOR HEAD
	TORO 640 ROTOR-H-NOZ 40		6.7	50'	
	TORO 640 ROTOR-270° NOZ 40		6.7	50'	

—"—	ARMORED DIRECT BURIAL COMMUNICATION CABLE.		RAINBIRD EFB-CP SERIES REMOTE CONTROL VALVE. VALVE/SIZE/GPM
———	IRRIGATION MAINLINE - PVC SCH 40 - SIZE AS NOTED ON PLAN.		
———	IRRIGATION LATERAL - PVC CLASS 200 - SIZE AS NOTED ON PLAN.		2" GATE VALVE
— — —	EXIST. IRRIGATION LINE.		
=====	PVC SLEEVE - SIZE PER PLAN OR 2X PIPE DIA.		
A	TORO 8000 SERIES (32 STATION) IRRIGATION CONTROLLER.		

FAIRMOUNT PARK – DAY CAMP AREA

PLAYGROUND REHABILITATION

IRRIGATION PLAN

city of riverside
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(714) 782-5223
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BID SET

REDWOOD DRIVE

EXISTING PARKING LOT

EXISTING PARKING LOT

EX. 2½" PVC PIPE CHASE

EX. 1½" PVC PIPE CHASE

REMOVE EX. WALKWAY LIGHT POLE & FIXTURE, INSTALL PULL BOX & SPLICE WIRE AS NECESSARY TO KEEP REMAINING EX. LIGHTS IN OPERATION, DEMOLISH FOOTING TO DEPTH AS NECESSARY TO ACCOMODATE NEW PULL BOX & CONDUIT (MIN. 12" BELOW GRADE).

1" C.O. STUB-OUT

¾"C., 2#10, 1#10G

EX. CONDUIT TO BE ABANDONED - REMOVE EX. CONDUCTORS

1" C.O. STUB-OUT

NEW PVC. CONDUIT W/ NEW CONDUCTORS, SIZES & NUMBER TO MATCH EX.

INTERCEPT EX. CONDUIT & RE-ROUTE TO NEW P.B. #1 AS SHOWN. INSTALL NEW CONDUCTORS & RECONNECT EX. SEC. LTS.

1"C, 4#10, 1#10G (TYP.)

2- 3" PVC SLEEVE FOR CONTROLLER WIRES.

3" MAIN-LINE IN 6" PVC SLEEVE

PUMP HOUSE

EX. P.B.

D.G. PATH, TYP.

EX. 1" C.O.

EX. 3" IRRIGATION MAIN LINE

D.G. PATH, TYP.

NEW 1" ø PVC. CONDUIT W/ 4-#10, & 1-#10 G, INSTALL MIN. 36" BELOW GRADE (TYP.)

EX. LIGHT

EX. P.B.

EX. 1" C., REMOVE OLD CONDUCTORS, INSTALL 4#10, 1#10 G FROM PANEL TO PULL BOX #1, RECONNECT TO PANEL CONTACTORS

NEW RESTROOM

EX. LIGHT

EX. PANEL "LA"

INTERCEPT EX. 1" PVC C.O STUB-OUT & EXTEND TO NEW FIXTURES AT PLAYGROUND AREA.

1¼" C.O.

EX. 6" STEEL WATER PUMP PIPE PROTECT IN PLACE

EX. PULL BOX

2½" EX. PVC PIPE CHASE

IRR.

EX. 6" IRRIGATION MAIN LINE

WATER METER #39502

LEGEND

- PB — PULL BOX BROOKS #5 OR EQUAL
- EX. SECURITY LIGHT
- 9,11 — NEW TYPE 'A' POLE & FIXTURE PER A/7
- NEW PVC UNDERGROUND CONDUIT
- —E— EX. PVC or GALV. CONDUIT
- —E— EX. CONDUIT TO BE ABANDONED - REMOVE WIRE
- —IRR— EX. IRRG. MAINLINE - PROTECT

0 10' 20' 30' 40'

NORTH

SCALE : 1" = 20'-0"

FAIRMOUNT PARK – DAY CAMP AREA

PLAYGROUND REHABILITATION

ELECTRICAL PLAN

city of riverside
park & recreation department
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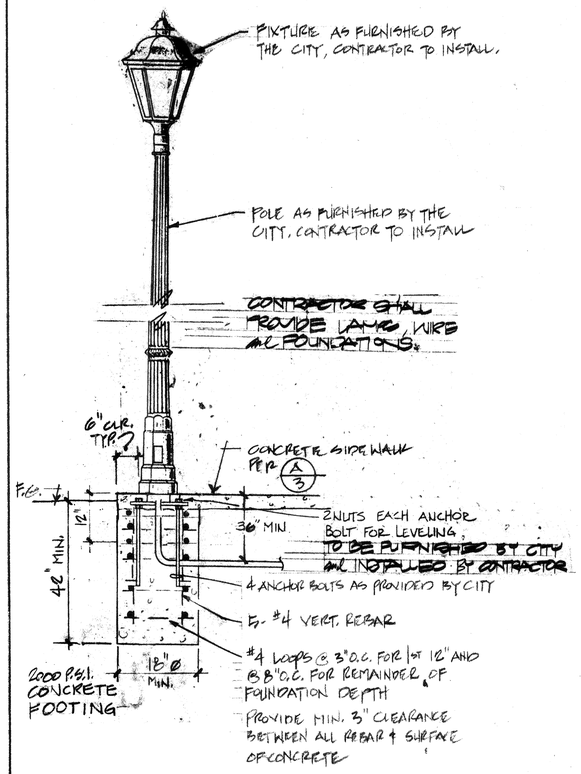


A | SECURITY LIGHT POLE & FIXTURE

CHANGE OUT TWO EXIST'G 20/1 BREAKERS TO ONE 20/2 BREAKER FOR NEW LIGHTS RELABEL PANEL AS "NIGHT LIGHTS" FOR CIRCUITS 9 & 11. CONNECT LIGHTS THROUGH CONTACTOR #2 IN CONTROL SECTION

* RELABEL CIRCUITS 8 & 10 AS "CURFEW LIGHTING" & CONNECT THROUGH CONTACTOR #1 IN CONTROL SECTION TOGETHER W/ REST ROOM LIGHTS.

PANEL "LA" — PANEL LOCATION: RESTROOM 'A' CHASE — MAIN BREAKER (AMPS) 200 — BUSS RATING: 200 A — 120/240 V, 1Ø, 3W — MOUNTING: SURFACE

LOCATION	VOLTAMPS ΦA	VOLTAMPS ΦB	CKT	REC	MISC	CKR	BRKR	A	B	BRKR	CKR	MISC	REC	CKT	VOLTAMPS ΦA	VOLTAMPS ΦB	LOCATION
RESTROOM LIGHTS (1)	1920		2			1	20/1	+	+	3	2	1			2400		HAND DRYER-MEN'S
CHASE LTS & RECEPT'S		1710	2	2		3		+	+	4	1					2400	HAND DRYER-WOMEN'S
FUTURE IRRIG CONTR.	180				1	5		+	+	20/1	6	1			200		CONTROL EQUIPMT.
TELEPHONE EX. RECEC.		180		1		7	↓	+	+	2	8					200	SECURITY LTS *
SPACE						9	20/1	+	+	↓	10				200		" "
						11		+	+	20/1	12						SPARE
SPACE						13	20/1	+	+	↓	14						SPARE
						15		+	+		16						SPACE
						17		+	+		18						
						19		+	+		20						
						21		+	+		22						
						23		+	+		24						
						25		+	+		26						
						27		+	+		28						
						29		+	+		30						
						31		+	+		32						
						33		+	+		34						
						35		+	+		36						
						37		+	+		38						
						39		+	+		40						
						41		+	+		42						
	ΦA = 3500									ΦB = 3290							

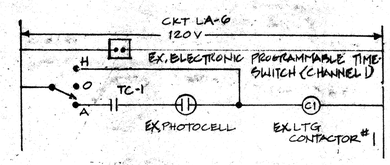
TOTAL CONNECTED VA =	6790
LCL @ 125% 870 =	1088
TOTAL OTHER LOAD =	5720
PANEL LOAD =	6808
FEEDER AMPS =	28.4A

(1) CONNECT TO PHOTOCELL ON ROOF, TIME SWITCH AND HOA SWITCH OVERRIDE THROUGH A. 20A LTG CONTACTOR IN CONTROL SECTION.

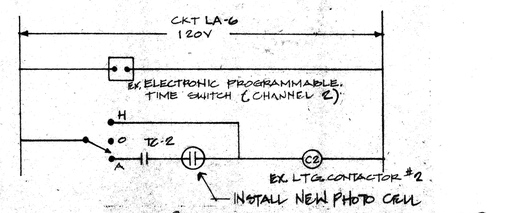
B | EXISTING PANEL - MODIFICATIONS

C | FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMPS	MFG. & CATALOG #
A	POLE MOUNTED PERIOD STYLE SECURITY LIGHT FIXTURE W/ MULTI-TAP BALLAST.	175 W MV	AS FURNISHED BY THE CITY CONTRACTOR TO INSTALL PER SPECS.



EX. CONTROL SCHEMATIC
RESTROOM LIGHTS &
CURFEW SECURITY LIGHTS



EX. CONTROL SCHEMATIC - MODIFICATION FOR "NIGHT LIGHT" SECURITY LTS.

D | LIGHTING CONTROL SCHEMATICS

FAIRMOUNT PARK – DAY CAMP AREA
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ELECTRICAL DETAILS

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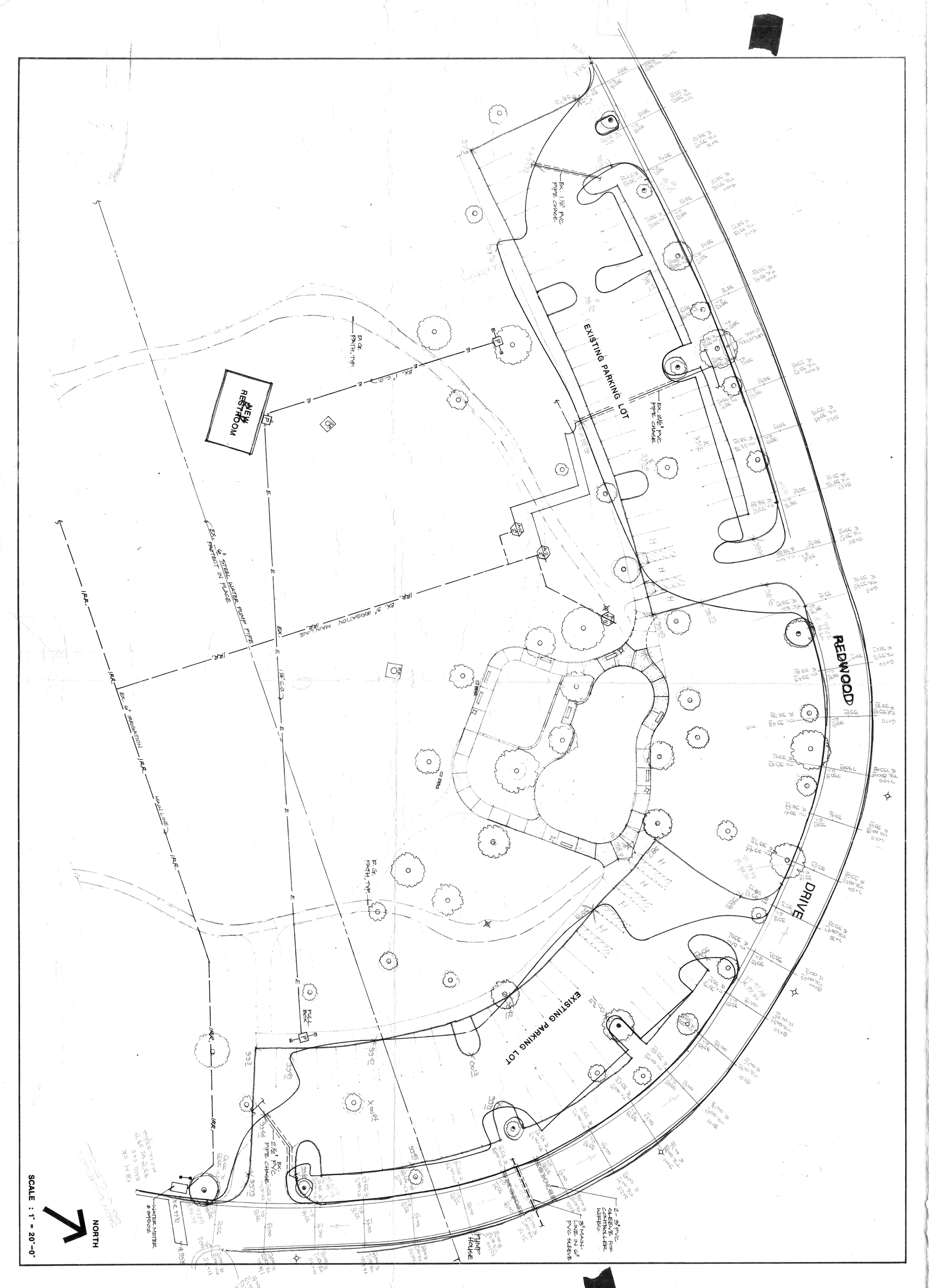

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