150023

HUNT PARK BASKETBALL COURT REHABILITATION

4015 JACKSON STREET, RIVERSIDE
CALIFORNIA

(A PARK REFURBISHMENT FUNDED PROJECT)

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2	C-1	CONSTRUCTION PLAN
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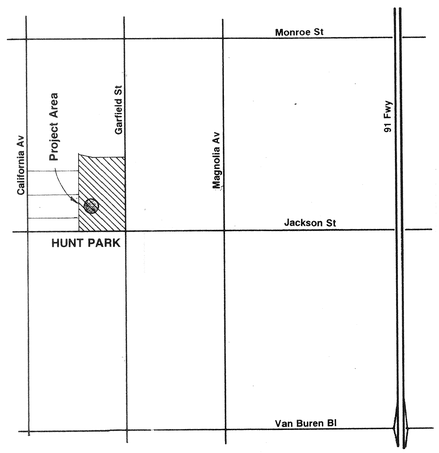
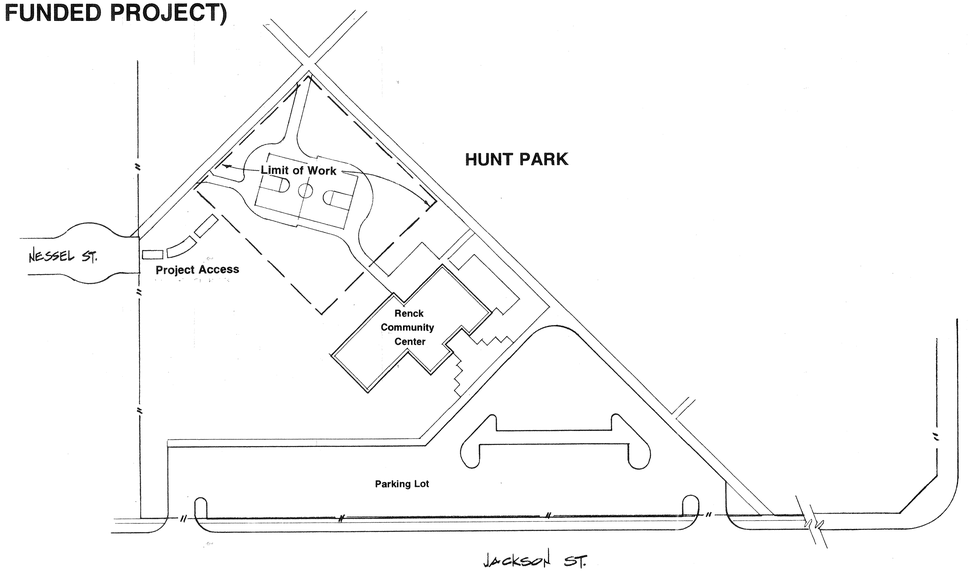


N.T.S.

VICINITY MAP
(Thomas Guide - Riverside County)
(1996 Edition - Map 714, Grid J-4)
(1995 Edition - Map 12, Grid C-6)



N.T.S.

SITE MAP

APPROVALS

Director, Park and Recreation	11-17-95 Date	Park Planning Coordinator	11-16-95 Date
Deputy Director, Park and Recreation	11-17-95 Date	Park Services Manager	11-21-95 Date

TITLE SHEET

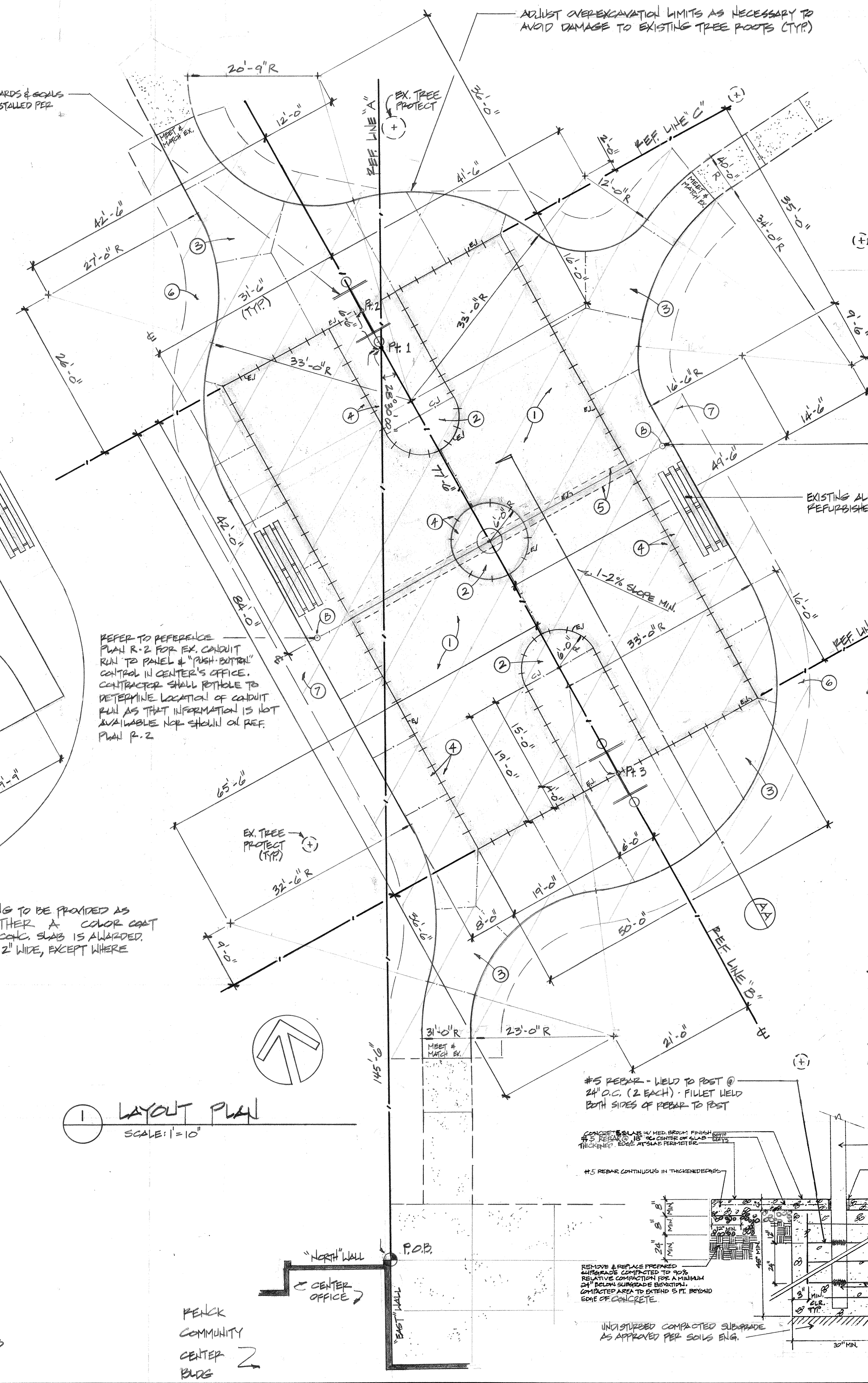
city of riverside
park & recreation department
(714) 782-5223
3900 MAIN ST RIVERSIDE, CALIFORNIA 92522

revisions	by

date	Nov 1995
design	MH
drawn	
check	RD
acc't no.	
SHEET	T-1
	1 of 5

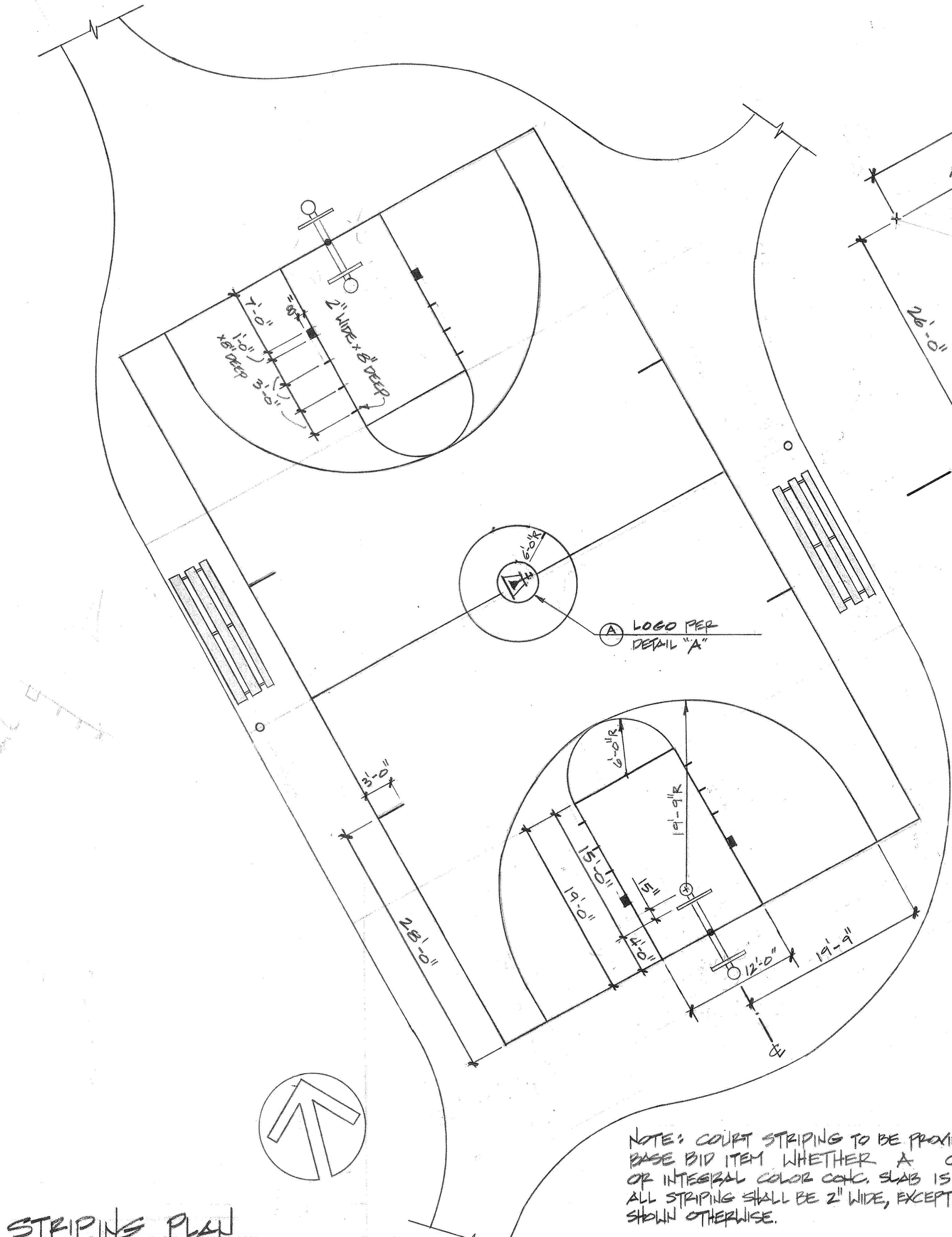
P-0223

150023



1 LAYOUT PLAN

SCALE: 1"=10'



NOTE: COURT STRIPING TO BE PROVIDED AS BASE BID ITEM WHETHER A COLOR COAT OR INTEGRAL COLOR CONC. SLAB IS AWARDED. ALL STRIPING SHALL BE 2" WIDE, EXCEPT WHERE SHOWN OTHERWISE.

2 STRIPING PLAN

SCALE: 1"=10'

CONSTRUCTION NOTES:

(1) 6" THICK NATURAL GRAY CONC. WITH COLOR COAT PER SPECS. IF ADDITIVE ALT. II-A IS AWARDED THEN INTEGRAL COLOR SHALL BE INSTALLED IN LIEU OF NAT. GRAY & COLOR COAT IN ACCORDANCE W/ SPECS

(2) 6" THICK NATURAL GRAY CONC. PER SPECS

(3) 4" THICK NATURAL GRAY CONC. PER SPECS

(EJ) (4) THICKENED EDGE CONC. W/ 1/2" ϕ x 24" SMOOTH STEEL ROD CENTERED IN CONC. @ 36" O.C. SPACING PROVIDE FELT EXPANSION JOINT W/ JOINT SEAL FILLER

(5) THICKENED EDGE CONC. OVER CONC. GRADE BEAM - SEE DETAIL AA THIS SHEET

AREA TO BE OVEREXCAVATED & RECOMPACTED PER GRADING SPECS TO 5' BEYOND SLABS TYP.

EXISTING CONC. - PROTECT IN PLACE

(+) EXISTING TREE - PROTECT IN PLACE

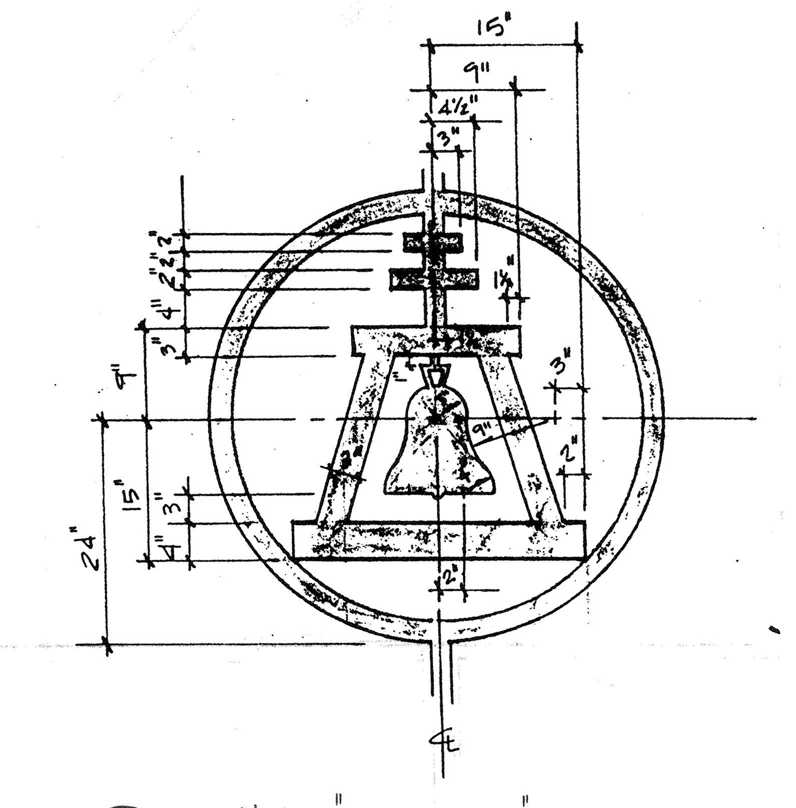
1 1/2" DEEP CRACK CONTROL JOINT W/ TOOLED EDGE

NOTE:

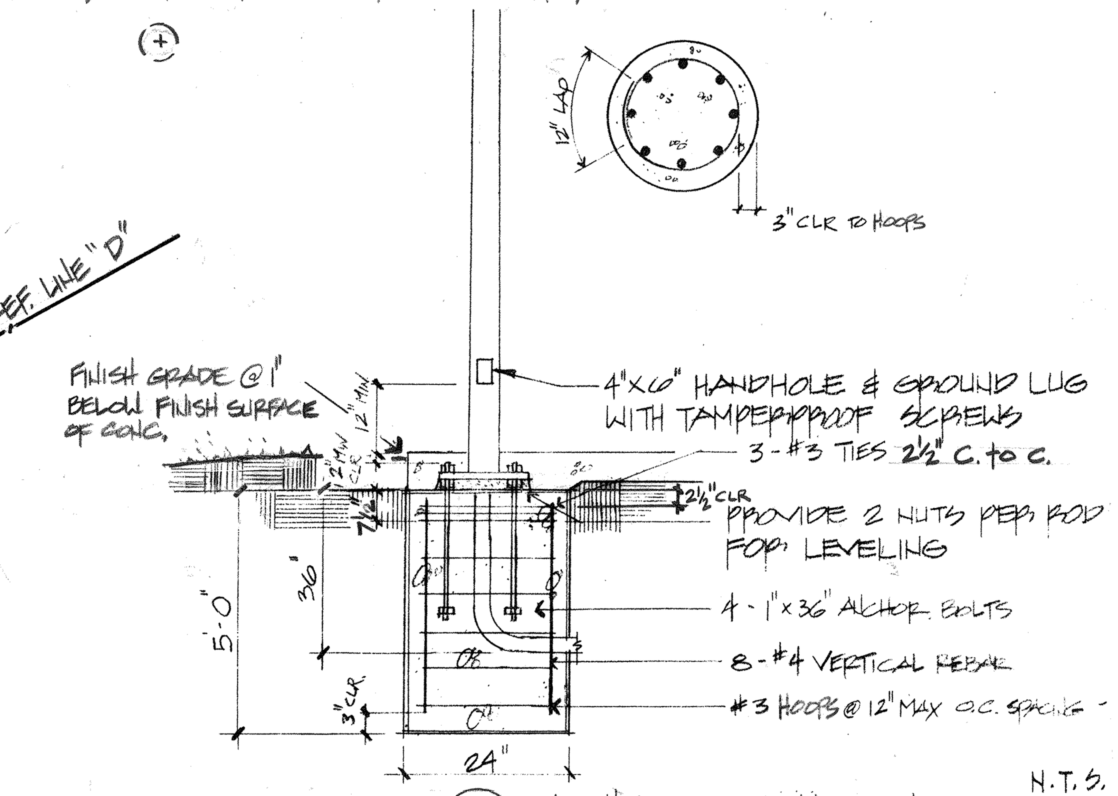
ALL CONCRETE SHALL BE PLACED OVER A MIN. 8" C.A.B. OVER A 24" COMPACTED SUBGRADE. COMPACTED SUBGRADE SHALL EXTEND 5' BEYOND SLABS PER THE LAYOUT PLAN C.A.B. SHALL EXTEND TO THE LIMITS OF THE CONC. SLABS.

(6) REMOVE AND REPLACE EX. IRRIGATION WITHIN WORK LIMITS FOR OVEREXCAVATION AS NECESSARY; SEE SHEET R-1 FOR EX. IRRIGATION SYSTEM

(7) REMOVE AND REPLACE EX. ELECTRICAL WITHIN WORK LIMITS FOR OVEREXCAVATION; SEE SHEET R-1, R-2 AND R-3 FOR EX. ELECTRICAL SYSTEM.



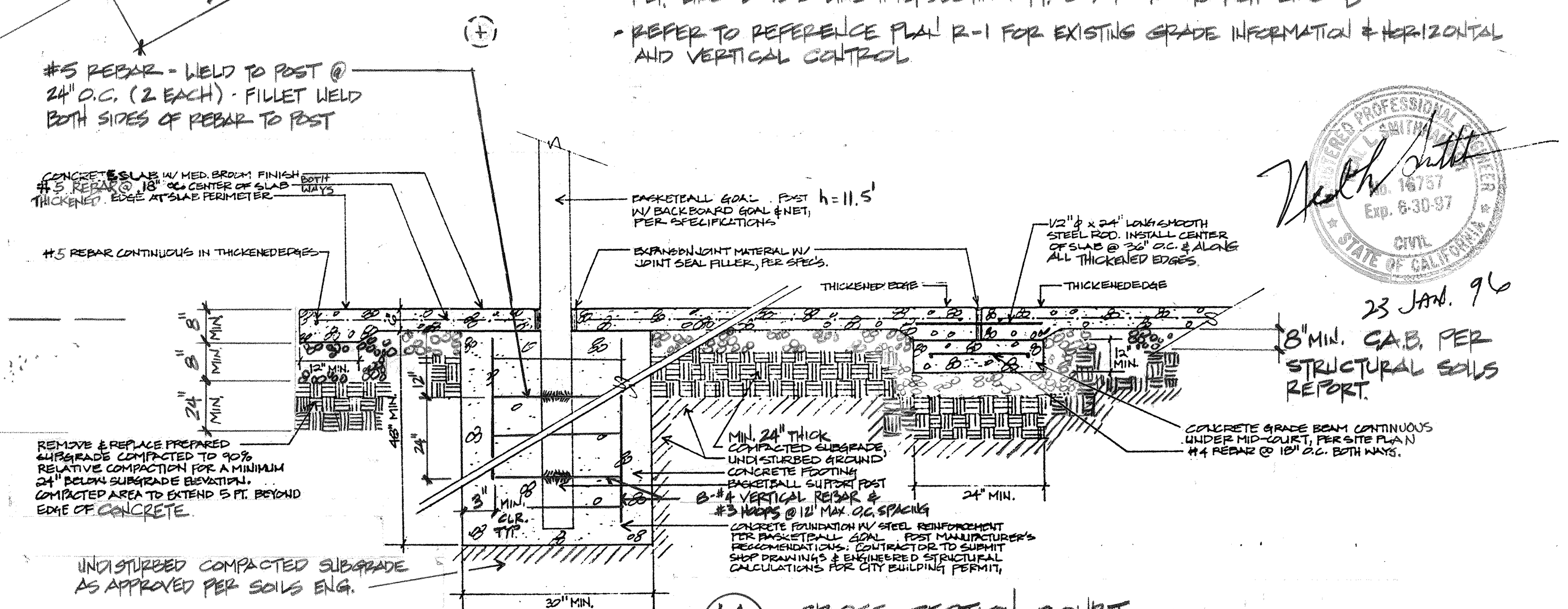
A PAINTED "MID-COURT" LOGO
N.T.S.



B LIGHTPOLE FOUNDATION
N.T.S.

LAYOUT NOTES:

- P.O.B. - IS LOCATED AT EXTERIOR CORNER OF COMM. CENTER WALL
- Pt. 1 IS LOCATED 145'-6" ALONG A LINE PROJECTED FROM THE P.O.B.
- Pt. 2 IS LOCATED 6'-6" FROM Pt. 1 ALONG REF. LINE "B" AT A DEFLECTION ANGLE OF 28°30'00" FROM REF. LINE "A" & REPRESENTS ℄ OF GOALPOST
- Pt. 3 IS LOCATED 77'-6" FROM Pt. 1 ALONG REF. LINE "B" & REPRESENTS ℄ OF GOALPOST
- REF. LINE "A" IS A LINE PROJECTED FROM THE P.O.B. AT AN ANGLE OF 90° FROM FACE OF "NORTH" WALL PARALLEL TO "EAST" WALL
- REF. LINE "B" IS A LINE CONNECTING Pt. 1, Pt. 2 AND Pt. 3 AT A DEFLECTION ANGLE OF 28°30'00" FROM REF. LINE "A"
- REF. LINE "C" IS A LINE INTERSECTING Pt. 2 AT 90° TO REF. LINE "B"
- REF. LINE "D" IS A LINE INTERSECTING Pt. 3 AT 90° TO REF. LINE "B"
- REFER TO REFERENCE PLAN R-1 FOR EXISTING GRADE INFORMATION & HORIZONTAL AND VERTICAL CONTROL



AA CROSS-SECTION COURT
SCALE: 1/2"=1'-0"

23 JAN. 96

HUNT PARK BASKETBALL COURT REHABILITATION
CONSTRUCTION PLAN

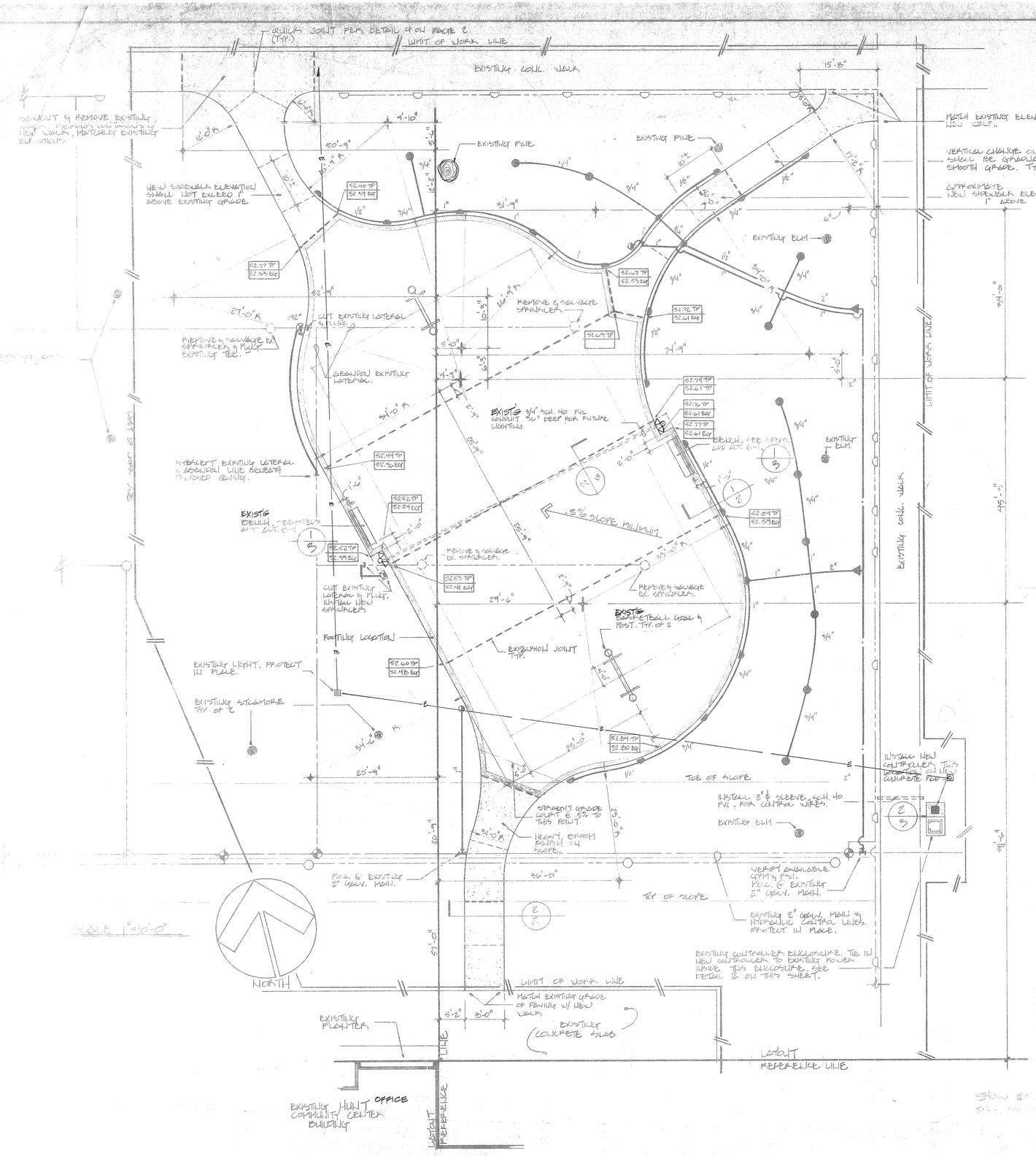
city of riverside park & recreation department
(714) 782-5223
3900 MAIN ST RIVERSIDE, CALIFORNIA 92522

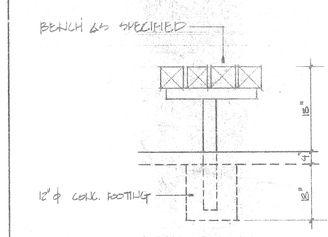
revisions	by

date 10-2-95
design MH
drawn MH
check
acc't.no.
SHEET C-1
2 of 5

P-0223

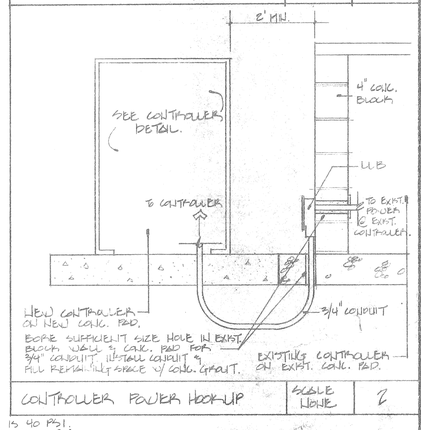
95-3887





ADDITIVE ALTERNATE B-1

BENCH	SCALE NONE	1



BORE SUFFICIENT SIZE HOLE IN EXIST. BLOCK WALL & CONC. PAD FOR 3/4" CONDUIT. INSTALL CONDUIT & FILL REMAINING SPACE W/ CONC. GROUT.

CONTROLLER POWER HOOKUP	SCALE NONE	2

MAXIMUM PSI REQUIRED AT P.O.C. IS 40 PSI.
MAXIMUM GPM DEMAND AT P.O.C. IS 45 GPM.

SYM.	MATERIAL	PSI	GPM	RADIUS	REMARKS
◌	EXISTING SPRINKLER				TO BE REMOVED & SALVAGED.
D	EXISTING SPRINKLER				PROTECT IN PLACE
○	EXISTING SPRINKLER				PROTECT IN PLACE UNLESS OTHERWISE SPECIFIED.
⊕	EXISTING VALVES				PROTECT IN PLACE
◗	POP-UP SPRAY HEAD	30	2.5	14'	RAINBIRD SERIES 2800 HALF OR EQUAL
●	POP-UP SPRAY HEAD	30	3.8	14'	RAINBIRD SERIES 2800 FULL OR EQUAL
▲	2" AUTOMATIC VALVE				RAINBIRD MODEL 100 EFB, OR EQUAL
----	EXISTING P/C LATERAL				PROTECT IN PLACE UNLESS OTHERWISE SPECIFIED.
----	EXISTING 2" GALVANIZED MAIN LINE				PROTECT IN PLACE.
----	HYDRAULIC LINE, EXISTING				PROTECT IN PLACE
———	NEW P/C LATERAL CLASS 200				
—·—	NEW P/C MAIN LINE SCH. 40, 2"				
◗	GEAR DRIVEN ROTARY	50	13.5	45'	TORO SERIES 640-02-42 - 192" OR EQUAL
◗	GEAR DRIVEN ROTARY	50	9.5	45'	TORO SERIES 642-02-42 OR EQUAL
■	CONTROLLER, (MOUNTED INSIDE NEW ENCLOSURE)				RAINBIRD MODEL PC-36, OR EQUAL
◑	QUICK COUPLER 3/4"				RAINBIRD MODEL 33DNG W/ 044 HOSE BIB

TP — TOP PENNIT
EG — EXISTING GRADE
⌖ — EXIST'G 400 W M.H. FLOODLIGHT ON 30' TAPERED GALV. STEEL POLE - 2 FIXTURES/POLE - PANEL IS LOCATED IN PENICK CENTER - SEE REFERENCE PLAN R-2 FOR PUSH-BUTTON & PANEL INFO.

NOTES:

1) ALL EXISTING TREES SHALL BE PROTECTED IN PLACE.

2) VERTICAL CHANGES ON PROPOSED WALKS SHALL BE A GRADUAL, CONTINUOUS, SMOOTH GRADIENT TRANSITION.

3) CUT & FILL AS NECESSARY ALONG EDGES OF PROPOSED PAVING TO PERMIT A GRADUAL, CONTINUOUS, SMOOTH GRADE. BLEND FINISHED GRADE BACK INTO EXISTING.

4) CONTRACTOR SHALL DISPOSE OF EXCESS SOIL CREATED BY THIS CONTRACT AT NO EXTRA COST TO THE CITY.

REVISIONS | BY | DATE

HUNT
ELEMENTARY COURT LAYOUT
& SPRINKLER PLAN

BORDWELL & HUNT
BASKETBALL COURTS

PARKS & RECREATION DEPARTMENT, CITY OF RIVERSIDE
9900 MAIN STREET, RIVERSIDE, CALIFORNIA 92522, (714) 787-7936

DESIGN: M.E
DRAWN: M.E
CHECKED
DATE: MAY 1, 1981
JOB #: 1009

SHEET R-1
3 of 5

REFERENCE PLAN

P-0223

DRAWING NUMBER

RIVERSIDE CONSTRUCTION MATERIALS · RIVERSIDE, CALIFORNIA

RIVERSIDE PRINTING · RIVERSIDE, CALIFORNIA

RIVERSIDE PRINTING · RIVERSIDE, CALIFORNIA

RIVERSIDE CONSTRUCTION MATERIALS · RIVERSIDE, CALIFORNIA

DRAWING NUMBER

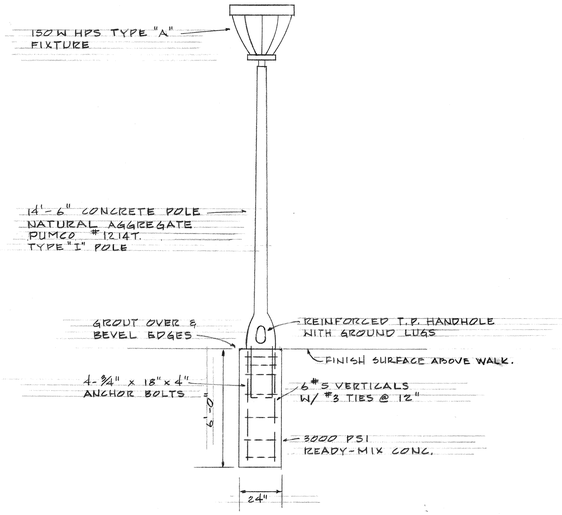
TABLE OF SYMBOLS

MTG. HT.	SYMBOL	DESCRIPTION
+4'	S	TOGGLE SWITCH, 1P1T, 2P-S2, 3P-S3.
	⊗	EXISTING LIGHT FIXTURE & STANDARD.
	○□	NEW AREALIGHT FIXTURE & STANDARD. SEE TYPE "B" FIXTURE
	○	NEW AREALIGHT FIXTURE & STANDARD. SEE TYPE "A" FIXTURE
	○—○	NEW PARKING LOT FIXTURE & STANDARD. SEE TYPE "D" FIXTURE.
	⊖—x	EXISTING RECEPTACLE
	⬡	CONCRETE PULL BOX; BROOKS PROD. CO. #SPB W/11" EXT.
	□	PEDESTAL CARNIVAL OUTLET
+80" TO TOP	PANEL	PANELBOARD
	———	CONDUIT RUN CONCEALED IN WALLS OR CEILING
	— — —	CONDUIT RUN UNDERFLOOR OR UNDERGROUND
	A-1,3	HOME RUN TO PANEL "A" AS INDICATED.
	⫽	½" C., 2 OR 3 #12
	⫽ #10	¾" C., 4,5, OR 6 #12
	⫽ #10	1" C., 5, 6 OR 7 #10
	—X—	EXISTING CONDUIT RUN
	———	STUB OUT
	ⓕ-	FEEDER DESIGNATION. FEEDER NO. 1 INDICATED
	ϕA	PHASE DESIGNATION. PHASE "A" INDICATED
	M.H.	MOUNTING HEIGHT
	C.O.	CONDUIT ONLY
	UNO	UNLESS NOTED OTHERWISE
	G	GROUND
	W.P.	WEATHERPROOF
	X	EXISTING
	R	REMOVE
	XM	EXISTING TO BE MOVED

FIXTURE SCHEDULE

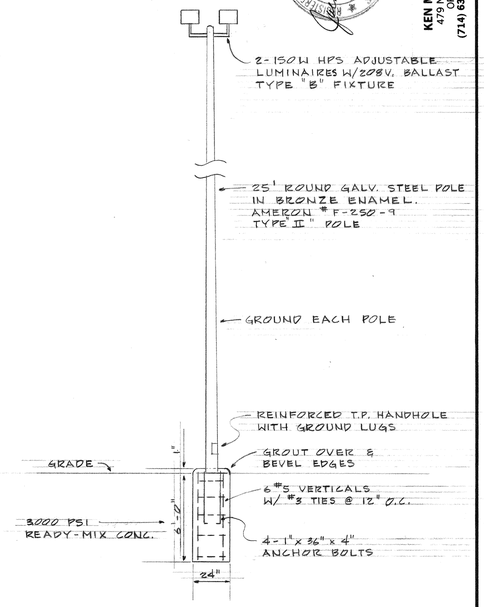
TYPE	DESCRIPTION	LAMPS	MFR. & CAT. NO.
A	CAST ALUMINUM SHIELDED FINNED SECURITY LIGHT STANDARD; POLYCARBONATE LENS, BRONZE FINISH ON 15' POLE.	150 W HPS	MWC #HB-150LU-208-BZ
B	RECTANGULAR CAST ALUMINUM HOUSING HIGH IMPACT LENS, SHARP CUTOFF WEATHERPROOF DOOR, VANDAL SHIELD	150 W HPS	McGRAW EDISON #FR 1835-208
C	CAST ALUMINUM SHIELDED FINNED SECURITY LIGHT STANDARD; POLYCARBONATE LENS, BRONZE FINISH. ON EXIST POLES.	150W HPS	MWC #HB-150LU-208-BZ
D	SINGLE OR DUAL COBRA HEAD PARKING LOT FIXT. W/ 208 V. INTEGRAL WP HPF BALLAST, PAINTED GRAY FINISH; IMPACT RESISTANT LENS	1 OR 2 400W HIGH PRESSURE SODIUM	G.E. #C797N710 W/C402G660 PHOTOCELL PHOTOCELL CONTROLLED.
E	RECTANGULAR CAST ALUMINUM HOUSING HIGH IMPACT LENS, SHARP CUTOFF WEATHERPROOF DOOR, VANDAL SHIELD	150 W HPS	Mc GRAW EDISON #FR 1835-208

ALL EXTERIOR FIXTURES SHALL HAVE IN-LINE FUSES.



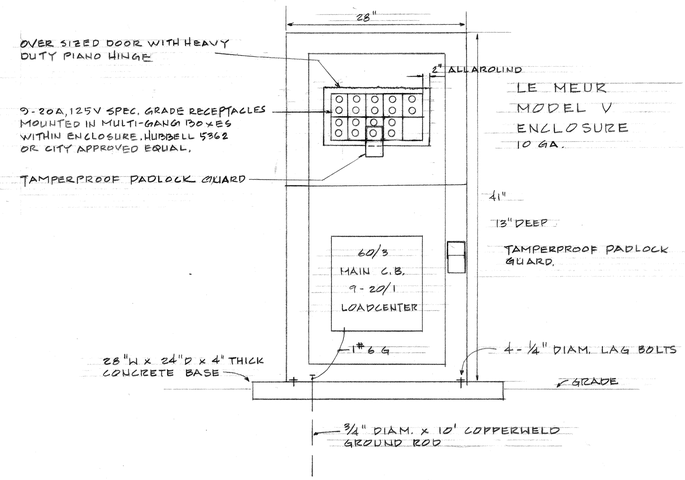
AREALIGHT - TYPE "A"

NO SCALE



TOT LOT SECURITY LIGHT - TYPE "B"

NO SCALE



CARNIVAL OUTLET DETAIL

KEN MATSUOKA E.E. INC.
479 N. Tustin Ave.
ORANGE, CALIFORNIA
(714) 633-7761 CA. Reg. #E-8617

HUNT PARK - RENICK CENTER

SYMBOLS, FIXTURE SCHEDULE, POLE DETAILS, ELEVATIONS.

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

revisions	by

date	
design	
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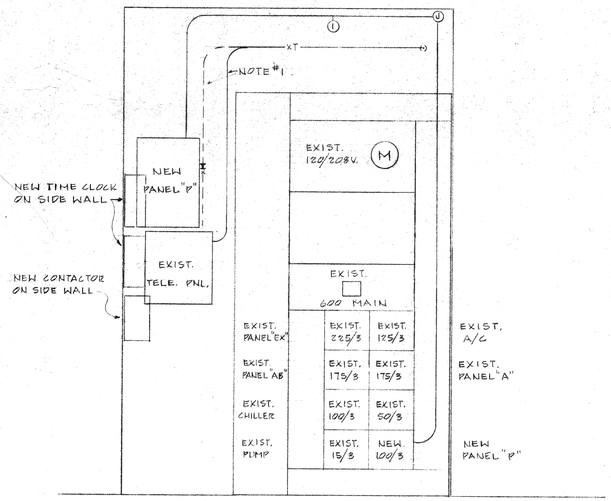
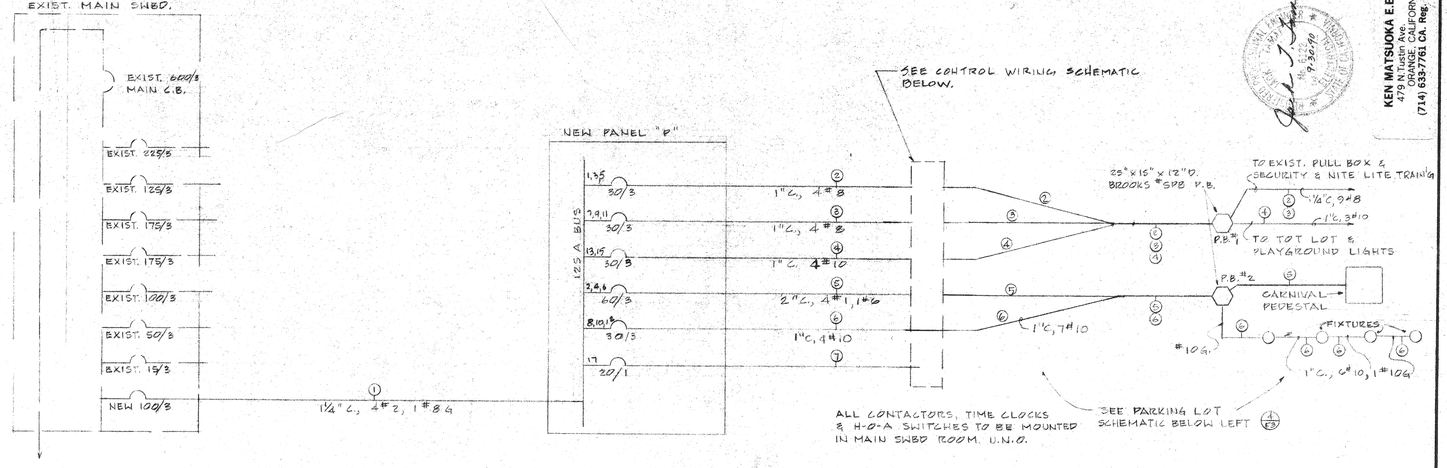
SHEET	E-2 of



MAIN SWITCHBOARD - RENCK CENTER

SCALE 3/4" = 1'-0"

(1/E3)



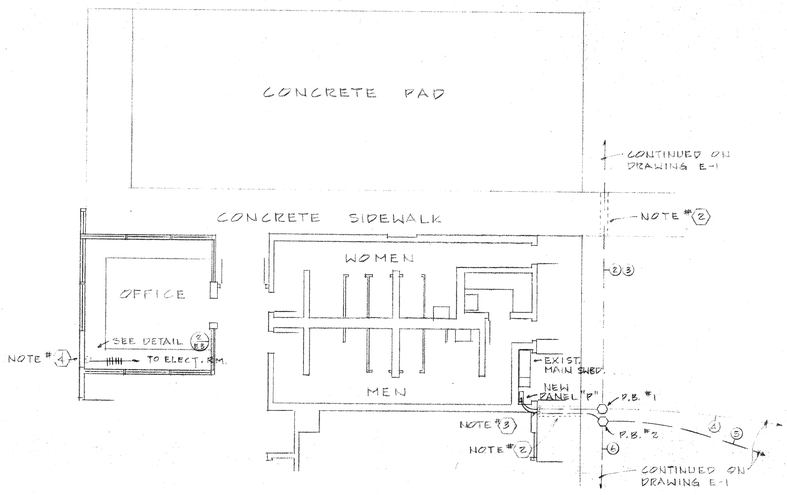
SINGLE LINE DIAGRAM

NOTES

1. REMOVE EXISTING TELEPHONE CABLE AND MOVE TO NEW LOCATION AS SHOWN. INSTALL NEW JUNCTION BOX AND/OR CABLE IF NECESSARY, TO COMPLETE TASK.
2. CAN CUT CONCRETE SIDEWALK & INSTALL NEW CONDUIT. PATCH TO MATCH SURROUNDING CONCRETE.
3. INSTALL (2) 1" LB TYPE CONDULET BODY SUITABLE FOR 2"C., AS MANUFACTURED BY CROUSE HINDS OR APPROVED EQUAL.
4. INSTALL ONE H-O-A SWITCH IN WALL ABOVE FAN & A/C SWITCHES, IN OFFICE AS SHOWN IN DETAIL (2/E3). IF SWITCH CANNOT BE INSTALLED IN WALL, INSTALL IN OFFICE WHERE DIRECTED BY CITY. CUT WALLS AND/OR CEILING WHERE NECESSARY AND PATCH TO MATCH SURROUNDINGS.

LOAD CALCULATION

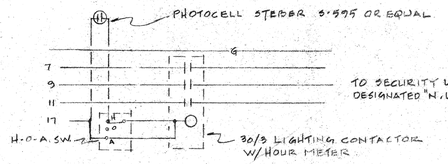
EXISTING SERVICE (1985 MAXIMUM DEMAND)	63.6 KW / 0.8 = 79.5 KVA
NEW PANEL "P"	22.9 KW / 0.8 = 28.6 KVA
TOTAL	86.5 KW / 0.8 = 108.1 KVA OR 300.3 AMPS @ 120/208 V 3Φ



PARTIAL BUILDING PLAN

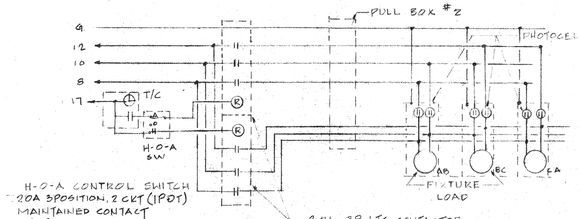
SCALE 1/8" = 1'-0"

(3/E3)



SECURITY (NIGHT LIGHT) CONTROL SCHEMATIC.

NO SCALE

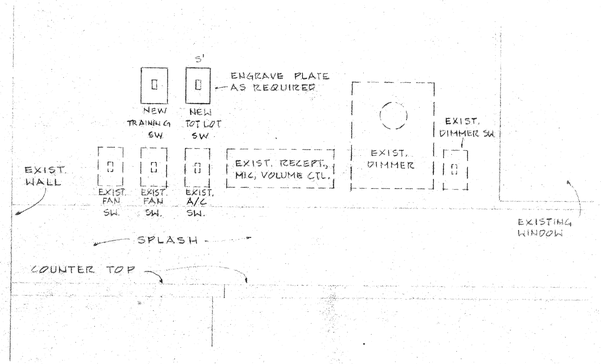


PARKING LOT SCHEMATIC

NO SCALE

(4/E3)

TOT LOT, SECURITY AND TRAINING AREA LIGHTS CONTROLS SIMILAR TO SCHEMATIC WIRING DIAGRAM ABOVE. PROVIDE SEPARATE TIME CLOCK AND CONTACTORS FOR EACH.



ELEVATION OF SWITCHES - WEST WALL

NO SCALE

(2/E3)

VOLTS 120/208	PHASE 3	WIRE 4	PANEL P	LOCATION	FEEDER	MAIN BKR: M.L.O.	125 A. BUSSING	ENTER CAB'T. AT	SURFACE MTG.

LOCATION	WATTAGE ◆A	◆B	◆C	T	REC	MIS	CIR	BKR		BKR	CIR	MIS	REC	T	WATTAGE ◆A	◆B	◆C	LOCATION
SECURITY LIGHTS	480			B			1	30/3		60/3	2				5800			CARNIVAL PEDESTAL
" "		480					3	—		—	4					5800		" "
" "			480				5	—			6						5800	" "
NITE LIGHTS	480			B			7	30/3		30/3	8				1075			PARKING LOT
" "		480					9	—		—	10					1075		"
" "			480				11	—			12						1075	"
PLAYGROUND & TOT LOT	500			B			13	60/3			14							SPACE
" "		500					15	—			16							"
" "			500				17	—			18							"
TIME CLOCK/CONTROL	100						19	20/1			20							"
							21				22							"
							23				24							"
							25				26							"
							27				28							"
							29				30							"
							31				32							"
							33				34							"
							35				36							"
							37				38							"
							39				40							"
							41				42							"

◆A = 8835 W ◆B = 7835 W ◆C = 7835 W

TOTAL CONNECTED LOAD: 23,905 W

L.C.L.: 7605 W x 1.25 = 9506 W + 16,300 W = 25,806 W OR 71.7 AMPS

* ON TIME SWITCH, SEE CONTROL SCHEMATIC

□ ON PHOTOCELL, SEE CONTROL SCHEMATIC

KEN MATSUOKA E.E. INC.
479 N. Tustin Ave.
ORANGE, CALIFORNIA
(714) 633-7761 CA. Reg. #E-2617

HUNT PARK - RENCK CENTER

PANEL SCHEDULE, SINGLE LINE, DETAILS

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

revisions	by

date	
design	
drawn	D.N.M.
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SHEET R-3

5 of 5

NOV 21 1995

BID SET

REFERENCE PLAN