DRAWING NUMBER BR4 — PLAN HOLD CORPORATION • IRVINE, CALIFORNIA — RECORDED BY NUMBER ON FILE

DRAWING NUMBER — PLAN HOLD CORPORATION • IRVINE, CALIFORNIA — RECORDED BY NUMBER ON FILE

DRAWING NUMBER — PLAN HOLD CORPORATION • IRVINE, CALIFORNIA — RECORDED BY NUMBER ON FILE

DRAWING NUMBER — PLAN HOLD CORPORATION • IRVINE, CALIFORNIA — RECORDED BY NUMBER ON FILE

DRAWING NUMBER — PLAN HOLD CORPORATION • IRVINE, CALIFORNIA — RECORDED BY NUMBER ON FILE

DRAWING NUMBER BR-22 — PLAN HOLD CORPORATION • IRVINE, CALIFORNIA — RECORDED BY NUMBER ON FILE

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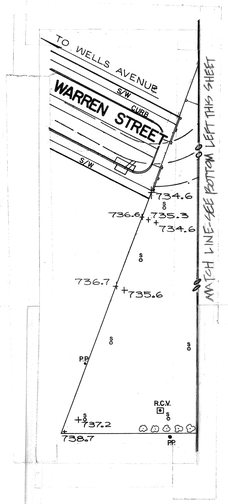
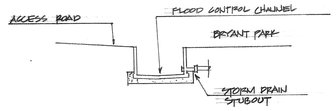




NOTE: LOCATIONS OF UNDERGROUND UTILITIES WERE NOT VERIFIED PHYSICALLY, BUT WERE PLOTTED FROM DRAWINGS AS FOLLOWS:

SEWER: S-321(A), S-321(5), S-318(1), S-318(2), PUBLIC WORKS DEPARTMENT; P-106-6, C-4608(P-1), C-4608(P-2) - PARK AND RECREATION DEPARTMENT

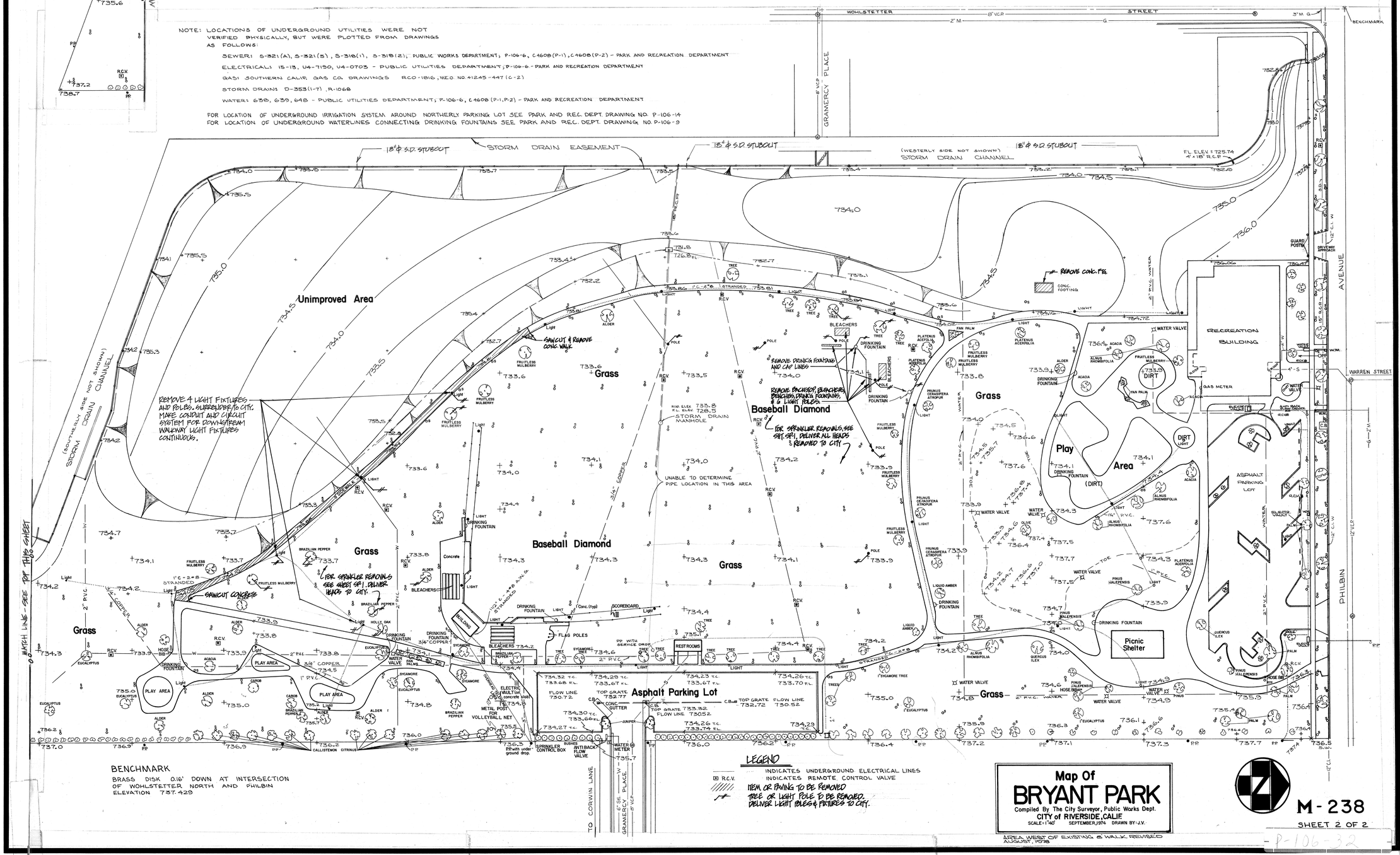
ELECTRICAL: 15-13, U4-7150, U4-0703 - PUBLIC UTILITIES DEPARTMENT; P-106-6 - PARK AND RECREATION DEPARTMENT

GAS: SOUTHERN CALIF. GAS CO. DRAWINGS R.C.O.-1816, M.E.O. NO. 41245-447 (C-2)

STORM DRAINS: D-353(1-7), R-1068

WATER: 638, 639, 648 - PUBLIC UTILITIES DEPARTMENT; P-106-6, C-4608(P-1, P-2) - PARK AND RECREATION DEPARTMENT

FOR LOCATION OF UNDERGROUND IRRIGATION SYSTEM AROUND NORTHERLY PARKING LOT SEE PARK AND REC. DEPT. DRAWING NO. P-106-14
FOR LOCATION OF UNDERGROUND WATERLINES CONNECTING DRINKING FOUNTAINS SEE PARK AND REC. DEPT. DRAWING NO. P-106-9



BENCHMARK
BRASS DISK 0.16' DOWN AT INTERSECTION OF WOHLSTETTER NORTH AND PHILBIN
ELEVATION 737.429

LEGEND
- INDICATES UNDERGROUND ELECTRICAL LINES
- R.C.V. INDICATES REMOTE CONTROL VALVE
- ITEM OR PAVING TO BE REMOVED
- TREE OR LIGHT POLE TO BE REMOVED. DELIVER LIGHT POLES & FIXTURES TO CITY.

Map Of BRYANT PARK

Compiled By The City Surveyor, Public Works Dept.
CITY of RIVERSIDE, CALIF.
SCALE: 1"=40' SEPTEMBER, 1974 DRAWN BY: J.V.

AREA WEST OF EXISTING 8 WALK REVISED AUGUST, 1978

M-238
SHEET 2 OF 2

P-106-32
E PROJ. NO. 33-0011

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PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE
BRYANT PARK — SITE SURVEY & REMOVALS

date 11-17-78
revised
sheet no. SE-1 OF 2

BENCHMARK: P.K. NAIL & CITY ENGR. TAG NEAR BROKEN P.K. NAIL IN MOST WESTERLY CURB RETURN @ GRAMERCY PLACE & LA SIERRA AVE. ELEV. 740.706 (REF. CRFD 968/97)

LA SIERRA Avenue

Gramercy Place

Norwood Place

Mitchell Avenue

10,000 E

10,200 E

10,400 N MATCH LINE

10,600 N MATCH LINE

10,800 E

BACKSTOP & RELATED FACILITIES TO REMAIN

SCORE BOARD

BACKSTOP & RELATED FACILITIES TO REMAIN

APPROX. LIMIT OF WORK

MANHOLE TO BE LOWERED. SEE SHT. SE-6

14'W x 5'H STORM DRAIN

SALVAGE SIGNBOARD & DELIVER TO CITY

SALVAGE SCOREBOARD & DELIVER TO CITY

SALVAGE 4' HIGH CL.F. & DELIVER TO CITY

REMOVE C.L.F. BACKSTOP, CONC. & FIELD LIGHTING SYSTEM, DELIVER W.D. POLES, FIXTURES, ELECTRICAL SERV. ENCLOSURE & O.H. CONDUCTORS TO CITY.

REMOVE C.L.F. BACKSTOP, DISPOSE OFF, & CONC.

SALVAGE BLEACHERS & DELIVER TO CITY

4' HIGH C.L.F. TO REMAIN

BACKSTOP, PAVING, BLEACHERS, ELEC. & MISC. FACILITIES TO REMAIN

6" CURB

6" CONC. CURB

2' HIGH A.C. DIKE

A.C. PAVING

BACKFLOW PREVENTER

WATER METER

SEWER M.H.

SCOREBOARD

LIGHT POLE ELECTRICAL PIT

ELECTRICAL

DBL. TREE

LEGEND

- ITEM TO BE REMOVED
- WALK OR PAVING TO BE REMOVED
- CONCRETE PAVING
- BARRIER POSTS
- CULVERTS "ENDS"
- LAMPS
- SPRINKLERS
- UTILITY POLES
- GOAL and FLAG POLES
- SIGN BOARDS
- YOUNG TREES
- TREES
- PALM TREES
- SEATING
- FENCE LINE
- STRUCTURES
- DIVIDING LINES-TURF-DIRT SURFACE
- CURB and GUTTER
- CURB LINE or EDGE of PAVEMENT
- RETAINING WALLS
- CONTOURS

NOTE: Coordinate Values are Random.

LA SIERRA PARK

SCALE 1" = 40'
CONTOUR INTERVAL 1'
DATE OF PHOTOGRAPHY 10-16-75

PHOTOGRAMMETRIC SURVEYORS CERTIFICATE

This Topographic Map correctly represents a survey made by Photogrammetric methods by me or under my directions in conformance with the U.S. Map Accuracy Standards.

P. BENENATI P.S. 81

GROUND CONTROL SURVEYS FURNISHED

by: CITY OF RIVERSIDE

ATS AERO TECH SURVEYS
RIVERSIDE - CALIFORNIA

STATE PROJ. NO. 59-0012

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David Barker 11/17/78

CITY OF RIVERSIDE

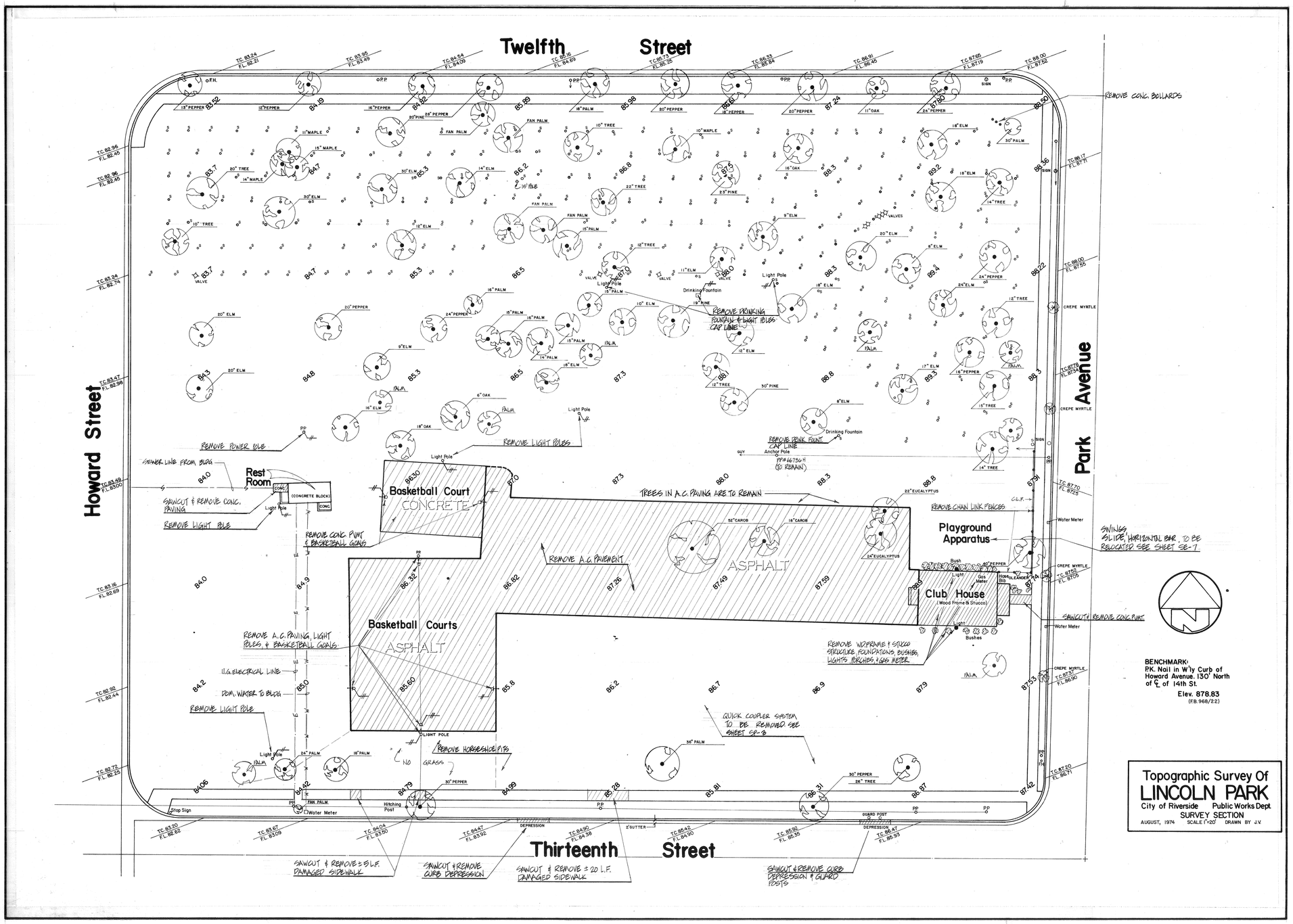
PARK IMPROVEMENT PROGRAM

LA SIERRA PARK - SITE SURVEY & REMOVALS

date 11-17-78

revised

sheet no. SE-2 OF 3



LEGEND

ITEM TO BE REMOVED

STRUCTURE OR PAVING TO BE REMOVED

NOTE:
ALL EXISTING SPRINKLER HEADS & REMOTE CONTROL VALVES SHALL BE REMOVED & DELIVERED TO THE CITY. ABANDON ALL EXISTING SPRINKLER PIPES.

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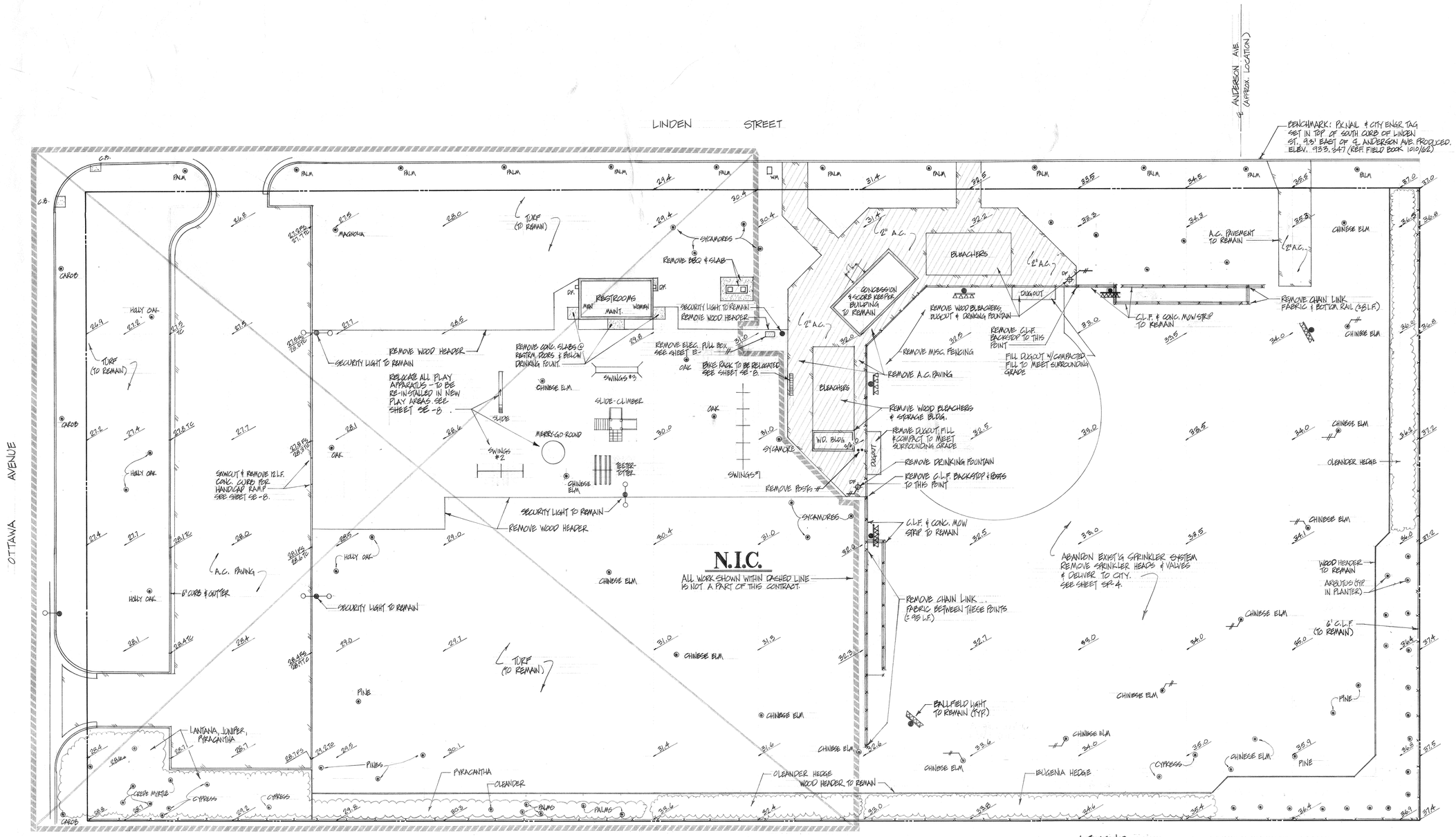
LINCOLN PARK - SURVEY & REMOVALS

date 11-17-78

revised

sheet no. SE-3

P-130-6



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PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE
PATTERSON PARK-SITE SURVEY & REMOVALS

date 11·17·78
revised
sheet no. SE-4

P-139-12

DRAWING NUMBER
BRY
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 075AR

DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 075AR

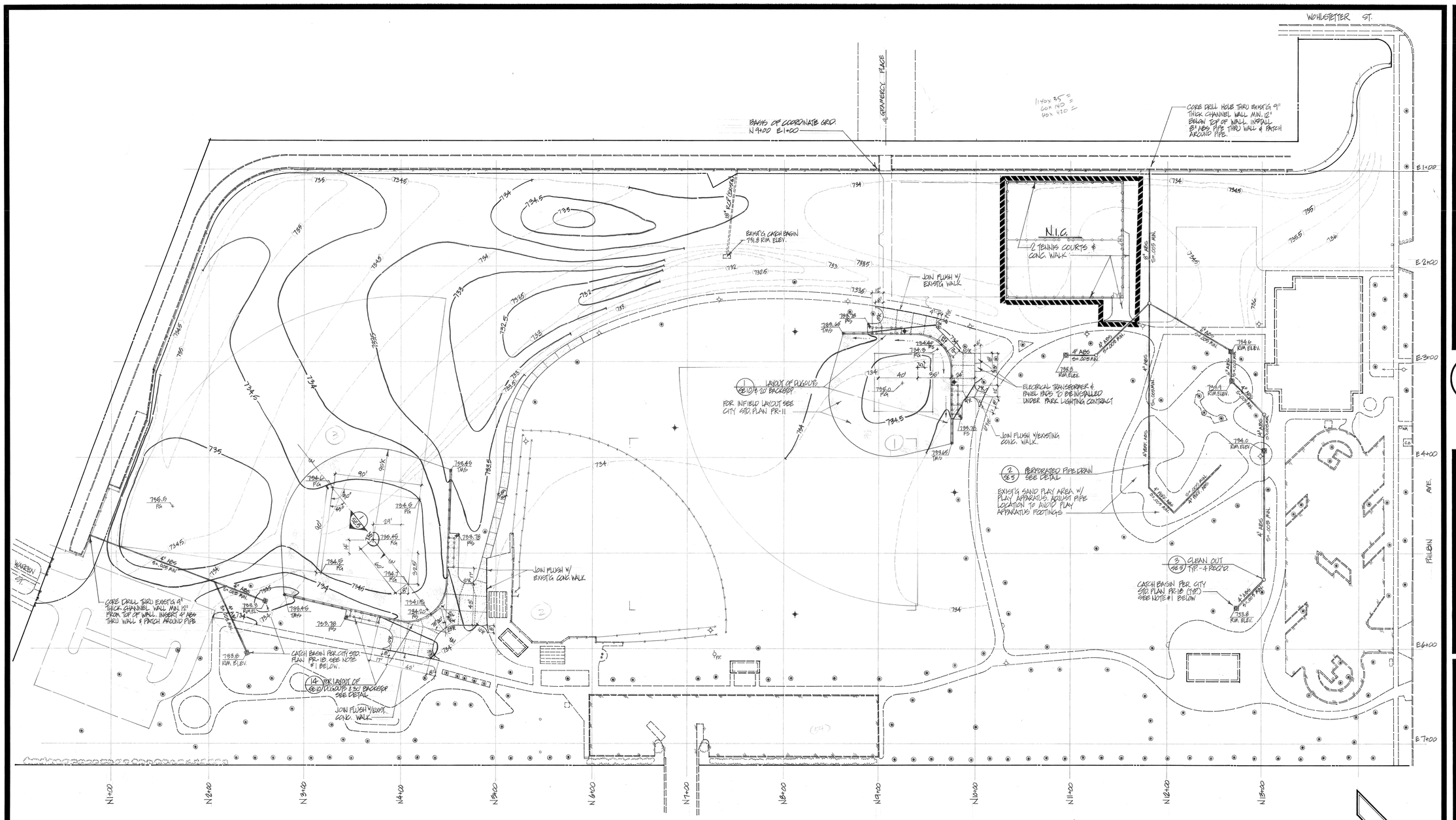
DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 075AR

DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 075AR

DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 075AR

DRAWING NUMBER
BR-21
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 075AR

DRAWING NUMB
PLAN HOLD CORPORATION • IRVINE,
REORDER BY NUMBER 075AR

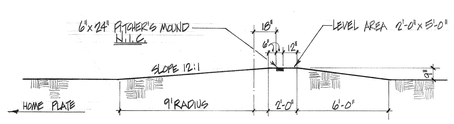


LEGEND

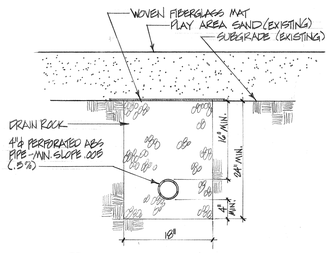
- EXISTING CHAIN LINK FENCE
- NEW CHAIN LINK FENCE
- N.I.C. NOT IN CONTRACT
- EXISTING LIGHT POLE
- PROPERTY LINE
- CATCH BASIN PER CITY STD PR-18
- CLEAN OUT
- ABS DRAIN PIPE
- DRINKING FOUNTAIN-SEE NOTE #2 BELOW.
- LIGHT POLE - N.I.C. (TO BE INSTALLED BY OTHERS)
- EXISTING TREE TO REMAIN
- EXISTING FACILITY TO REMAIN
- EXISTING BUILDING TO REMAIN
- SKINNED INFIELD
- 4' CONC. WALK OR SLAB PER CITY STD. PR-1
- FUTURE FACILITY
- EXPANSION OR CRACK CONTROL JT. PER CITY STD. PR-2
- TOP OF NOSE GRIP
- FS FINISHED SURFACE
- FG FINISHED GRADE
- 733 NEW CONTOUR
- (734) EXISTING CONTOUR
- 733.0 NEW SPOT ELEVATION
- FLOW LINE
- DETAIL NUMBER / SHEET NUMBER

NOTES

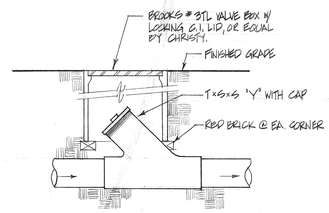
1. CATCH BASIN LOCATIONS AND RIM ELEVATIONS ARE APPROXIMATE. CATCH BASINS SHALL BE INSTALLED AT THE LOW POINT OF EACH AREA.
2. MODIFY DRINKING FOUNTAIN SUMP (STD. PLAN # PR-14) AS FOLLOWS: SUMP SHALL CONTAIN MIN. 2 CU. YDS. #2 DRAIN ROCK. SUMP SHALL BE MIN. 6' DEEP.



1 SEE 5 PITCHER'S MOUND - SECTION
NO SCALE



2 SEE 5 PERFORATED PIPE DRAIN
1"=1'-0"



3 SEE 5 CLEAN OUT
NO SCALE

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PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE
BRYANT PARK - LAYOUT, DIMENSION & GRADING PLAN

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P-106-33

LEGEND

- EXISTING FACILITY
- FUTURE FACILITY
- PROPERTY LINE
- CENTER LINE
- EXISTING TREE
- EXISTING C.L. FENCE
- NEW C.L. FENCING
- EXISTING LIGHT POLES
- (730) EXISTING CONTOUR ELEVATION
- 730 NEW CONTOUR ELEVATION
- 4" CONC. WALK OR SLAB PER CITY STD. PLAN PR-1
- SKINNED INFIELD
- FLOW LINE
- F.G. FINISHED GRADE ELEVATION
- F.S. FINISHED SURFACE ELEVATION
- 728.10 SPOT ELEVATION
- MH EXISTING MANHOLE
- DETAIL NUMBER
- SHEET NUMBER
- CRACK CONTROL OR EXPANSION JOINT PER CITY STD. PLAN PR-2
- LIGHT POLES - INSTALLED BY OTHERS N.I.C.
- DRINKING FOUNTAIN
- LIMIT OF WORK

LA SIERRA AVENUE

(FFE. 738.6)

(FFE. 738.6)

STOCKPILE AREA FOR EXCESS SOIL, MAX. SLOPE 2:1. REMOVE EXISTING TREES AS NECESSARY

16"W x 8"H STORM DRAIN

LOWER RIM ELEV. TO 726.50. SHOW DIMENSIONS ON AS-BUILT DRAWINGS INDICATING LOCATION TO EXIST. PERMANENT ABOVE-GRADE OBJECTS.

SKINNED INFIELD PER CITY STD. PLAN PR-11

SKINNED INFIELD PER CITY STD. PLAN PR-11

20' BACKSTOP SEE DETAIL 1/SE-10

20' BACKSTOP SEE DETAIL 1/SE-10

REF. PT.

REF. PT.

CONC. WALKS & SLABS PER CITY STD. PLAN PR-1 (TYP.)

SCOREKEEPER'S BOOTH - SEE SHEET A-9

RESTROOM/CONCESSION BLDG. SEE SHT. A-6

16"W x 8"H STORM DRAIN

10"W x 6.5"H STORM DRAIN

E. 78" RCP STORM DRAIN

E. 78" RCP STORM DRAIN

MITCHELL AVENUE

CRANBERRY PLACE

NORTH
1" = 40'

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PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE

LA SIERRA PARK - LAYOUT, DIMENSION & GRADING PLAN

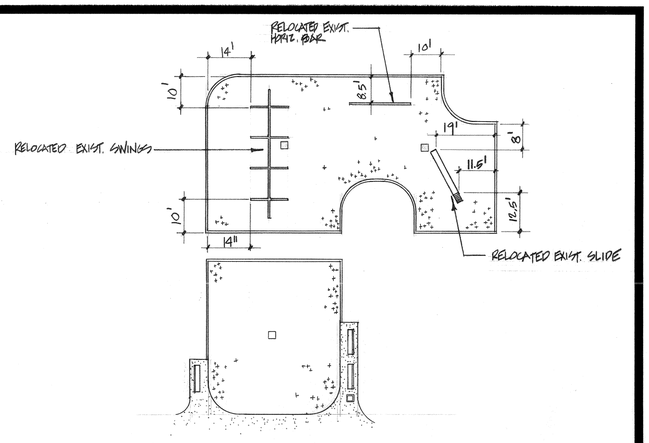
date 11-17 78

revised

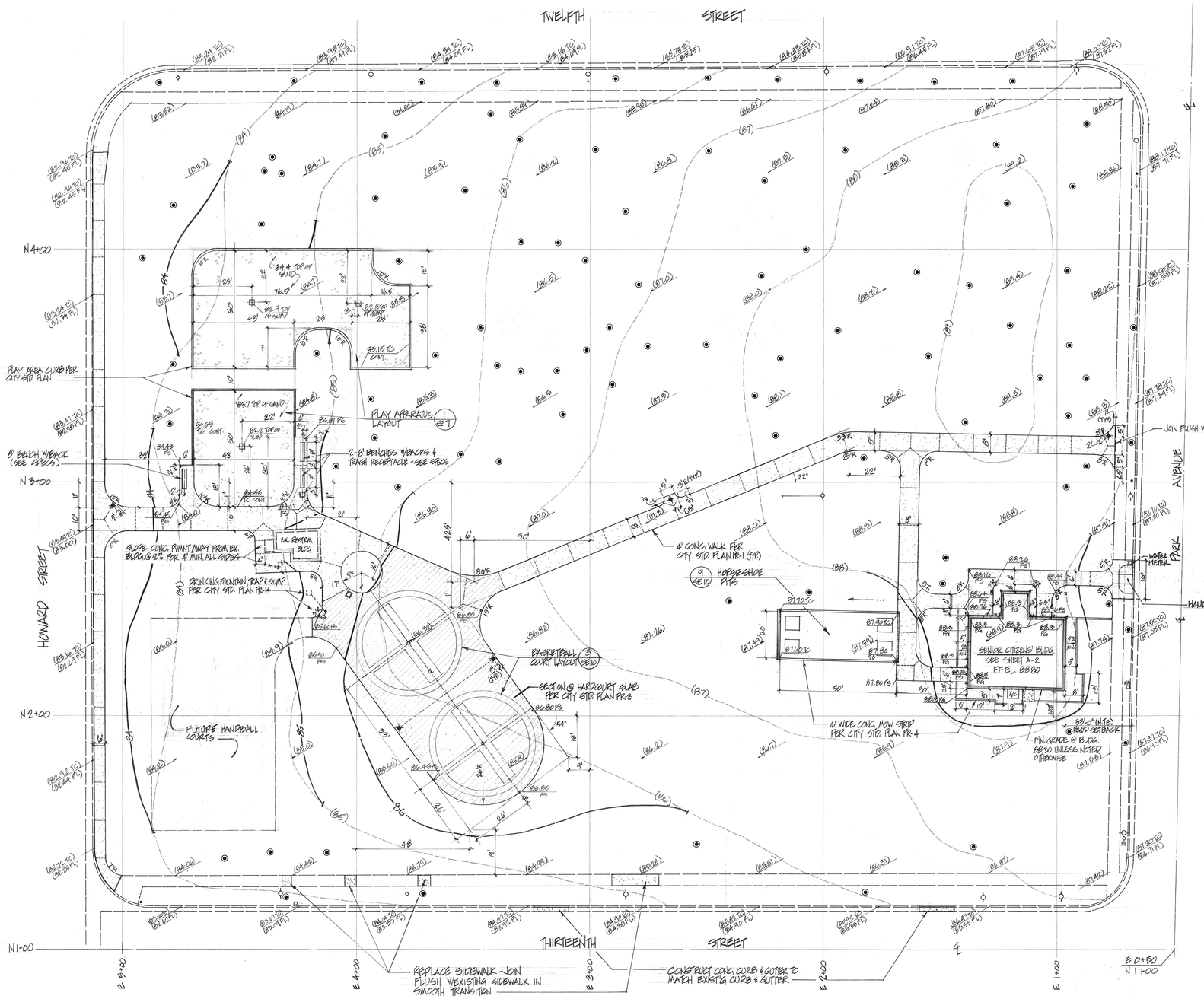
sheet no. SE-1 OF 3

-P-128-

STATE PROJ. NO. 33-0012



1 SE-7 LAYOUT-RELOCATED PLAY APPARATUS
1"=20'



LEGEND

- FLOW LINE
- EXISTING FACILITY TO REMAIN
- EXISTING BUILDING TO REMAIN
- EXISTING TELEPHONE OR POWER POLE
- EXISTING TREE TO REMAIN
- 4" CONC. WALK OR SLAB PER CITY STD. PLAN PR-1
- SAND - SEE SPECS
- (86) EXISTING CONTOUR
- 85 NEW CONTOUR
- (86.2) EXISTING SPOT ELEVATION
- 84.35 NEW SPOT ELEVATION
- CENTERLINE
- NEW BUILDING
- EXPANSION OR CRACK CONTROL JT. PER CITY STD. PLAN PR-2
- TC TOP OF CURB ELEVATION
- FL FLOW LINE ELEVATION
- TMS TOP OF MOW STRIP ELEVATION
- FS FINISHED SURFACE ELEVATION
- F.F. EL. FINISHED FLOOR ELEVATION
- TRASH CAN HOLDER - SEE SPECS
- DRINKING FOUNTAIN, SAND TRAP, & SUMP
- PLAY AREA SUMP PER CITY STD. PLAN PR-10
- BENCH W/BACK - SEE SPECS
- 4" CONC. SLAB W/ 6x6 10/10 WWM OVER 4" A.B.
- NEW LIGHT POLE - SEE SHEET E-2

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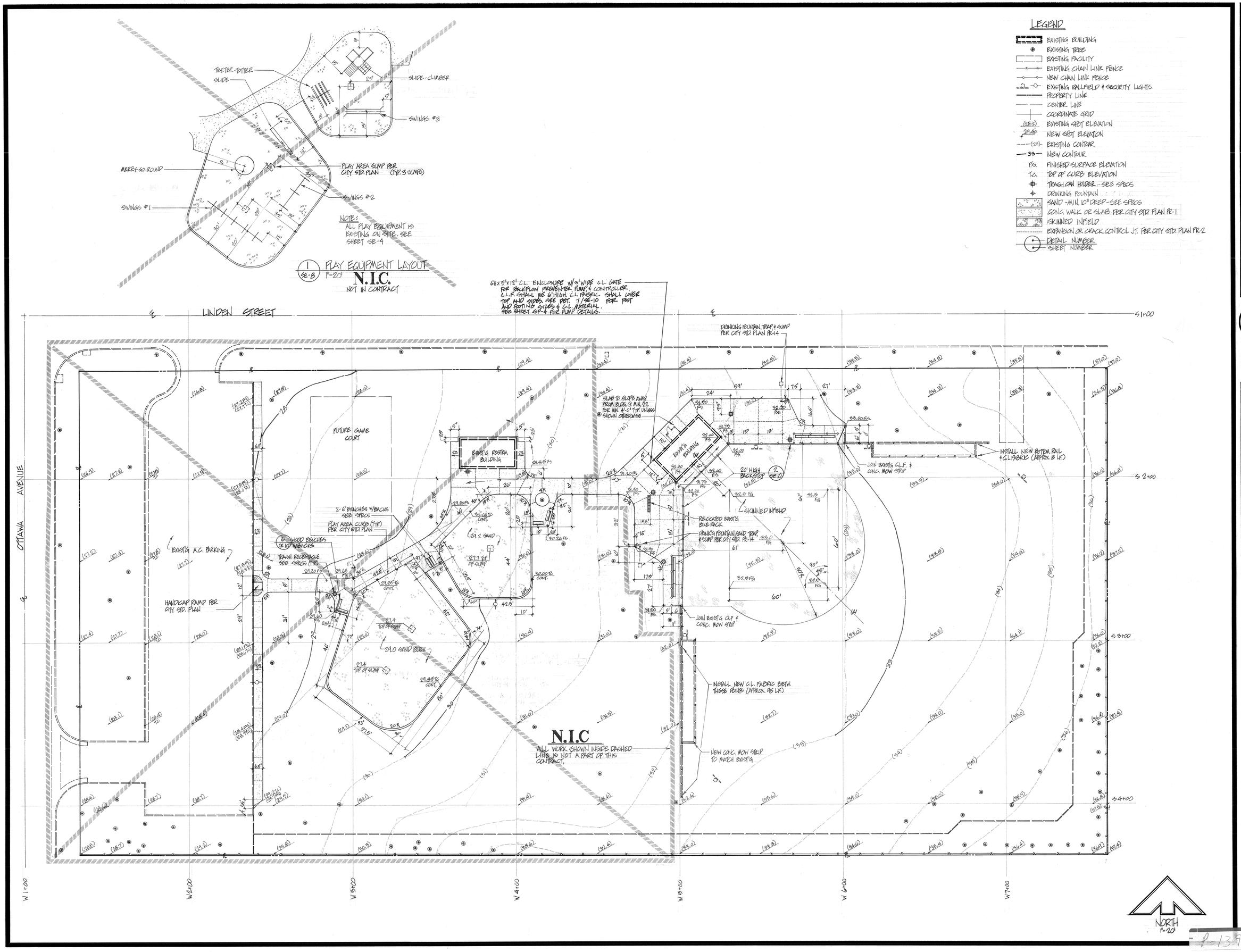
CITY OF RIVERSIDE
LINCOLN PARK - LAYOUT, DIMENSION, & GRADING PLAN

date 11-17-78
revised
sheet no. SE-7

P-130-7



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PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE

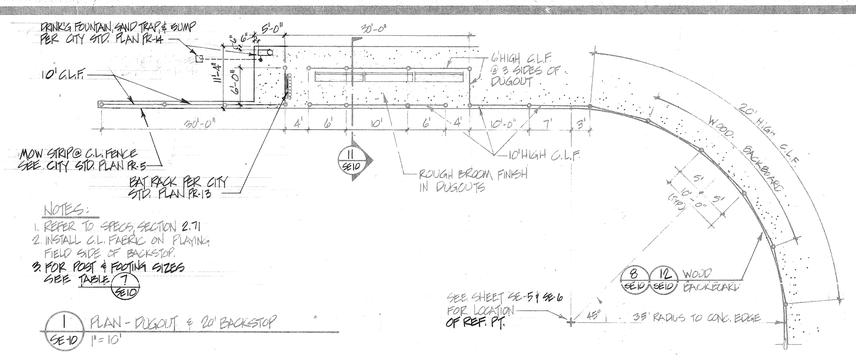
PATTERSON PARK - LAYOUT, DIMENSION, & GRADING PLAN

date 11·17·78

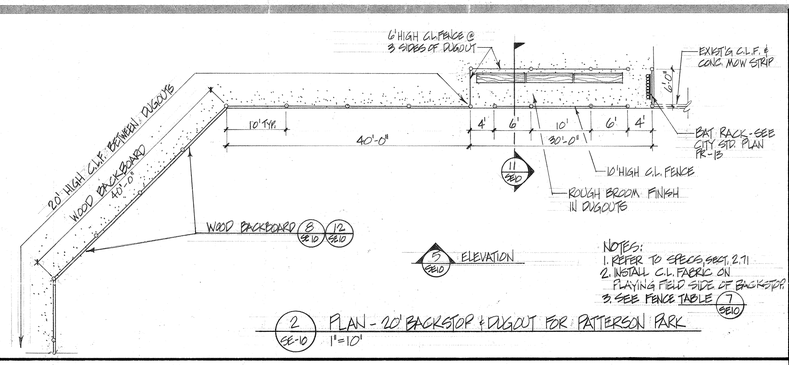
revised

sheet no. SE-8

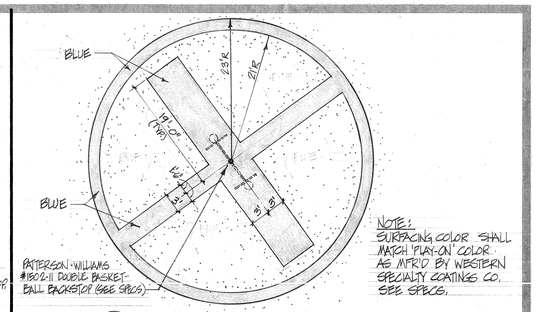
P-139-13



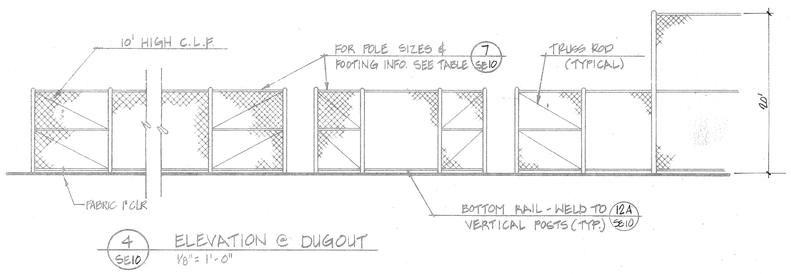
1 SE-10 PLAN - DUGOUT & 20' BACKSTOP
1" = 10'



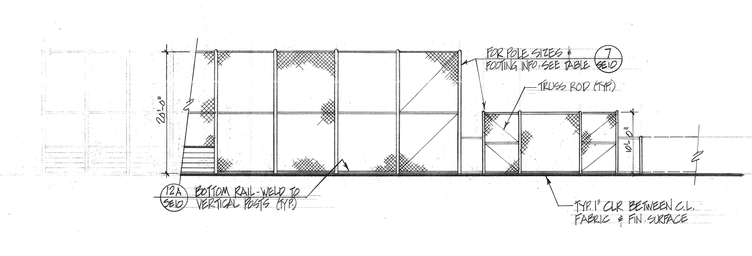
2 SE-10 PLAN - 20' BACKSTOP & DUGOUT FOR PATTERSON PARK
1" = 10'



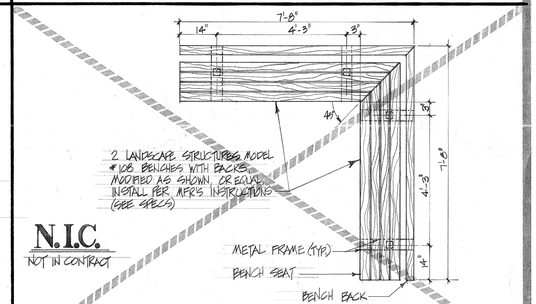
3 SE-10 BASKETBALL COURT LAYOUT
1" = 10'



4 SE10 ELEVATION @ DUGOUT
1/8" = 1'-0"



5 SE-10 ELEVATION - 20' BACKSTOP FOR PATTERSON PARK
1" = 10'



6 SE-10 WOOD BENCHES W/BACKS
1/2" = 1'-0"

TABLE - C.L.F. POST SIZES				
POSTS	DIA.	LBS./FT.	FOOTING DEPTH	FOOTING DIAM.
6' LINE	2½"	3.65	2'-6"	1'-0"
6' END	3"	5.79	3'-0"	1'-6"
6' CORNER	3"	5.79	3'-0"	1'-6"
10' LINE	3"	5.79	3'-0"	1'-6"
10' END	3½"	7.58	3'-0"	1'-6"
10' CORNER	3½"	7.58	3'-0"	1'-6"
TOP, BOTTOM RAIL, HORIZ. BRACE	1 5/8"	2.27	—	—
20' BACKSTOP	3½"	7.58	4'-0"	2'-0"
30' BACKSTOP	4"	10.79	6'-0"	2'-6"

C.L.F. MATERIALS (UNLESS OTHERWISE NTD.)

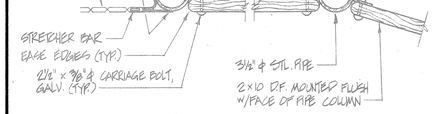
CHAINLINK FABRIC - 2" MESH, 9 GA.

TRUSS RODS - 3/8" ϕ GALV. ROD

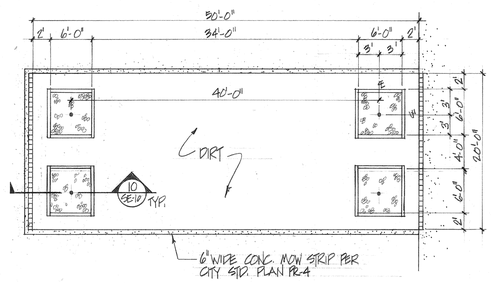
STRETCHER BAR - 1/4" x 3/4"

NOTES:
1.) ALL CHAIN LINK FABRIC TO BE KNUCKLED SELVAGE, TOP & BOTTOM.
2) ALL C.L.F. SHALL HAVE BOTTOM RAIL.
3) POST DIAM. GIVEN AT LEFT REFER TO STD. NOMINAL PIPE SIZES.

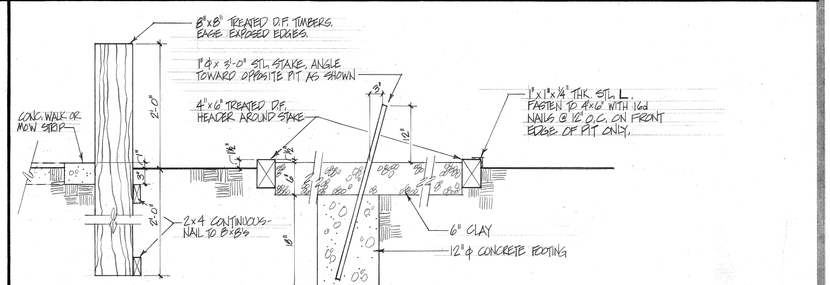
7 SE-10 CHAIN LINK FENCE TABLE FOR BALLFIELDS



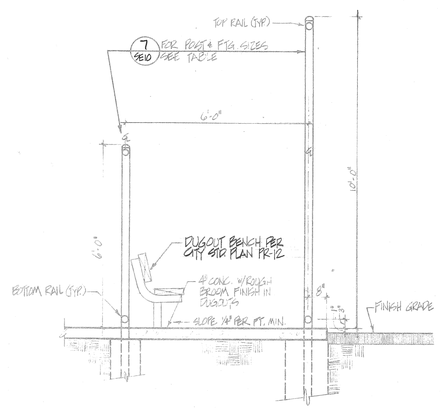
8 SE-10 WOOD BACKBOARD DETAIL
1½" = 1'-0"



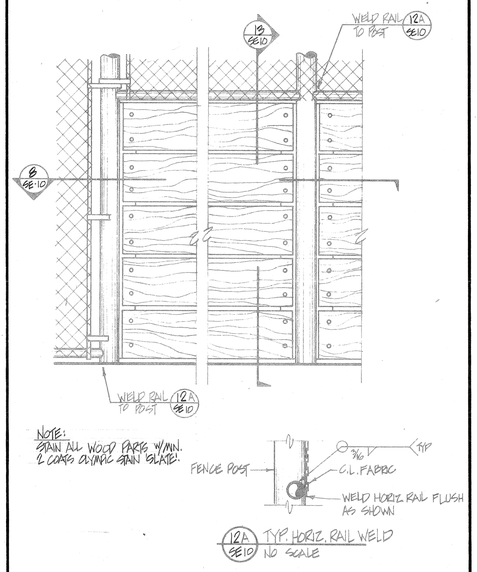
9 SE-10 HORSESHOE PITS - LAYOUT
1/8" = 1'-0"



10 SE-10 TYP. SECTION - HORSESHOE PIT
1" = 1'-0"

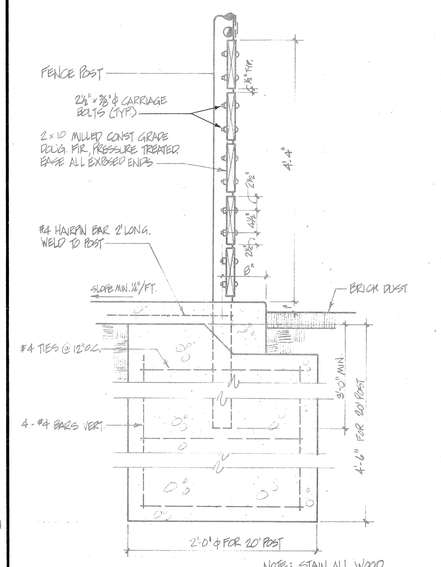


11 SE-10 DUGOUT - SECTION
1½" = 1'-0"

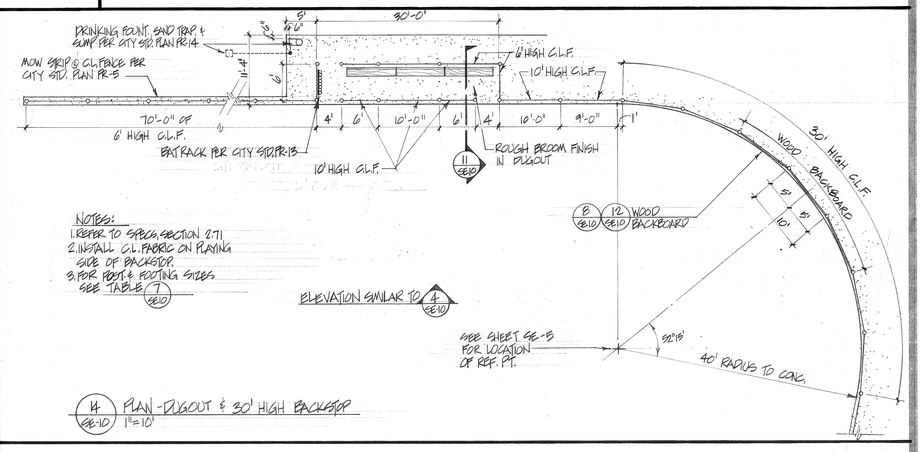


12 SE-10 ELEVATION - WOOD BACKBOARD
1" = 1'-0"

12A SE10 TYP. HORIZ. RAIL WELD
NO SCALE



13 SE-10 SECTION - WOOD BACKBOARD & 20' POST FTG.
NO SCALE



14 SE-10 PLAN - DUGOUT & 30' HIGH BACKSTOP
1" = 10'

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PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE

BALLFIELD DETAILS, MISC. SITE DETAILS

date 11.17.78

revised

sheet no. SE-3 OF 3

STATE PROJ. NOS. 33-011, 33-0012

DRAWING NUMBER BR4 — PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

DRAWING NUMBER — PLAN HOLD CORPORATION • IRVINE, CALIFORNIA — PREPARED BY NUMBER OTHAR

DRAWING NUMBER — PLAN HOLD CORPORATION • IRVINE, CALIFORNIA — PREPARED BY NUMBER OTHAR

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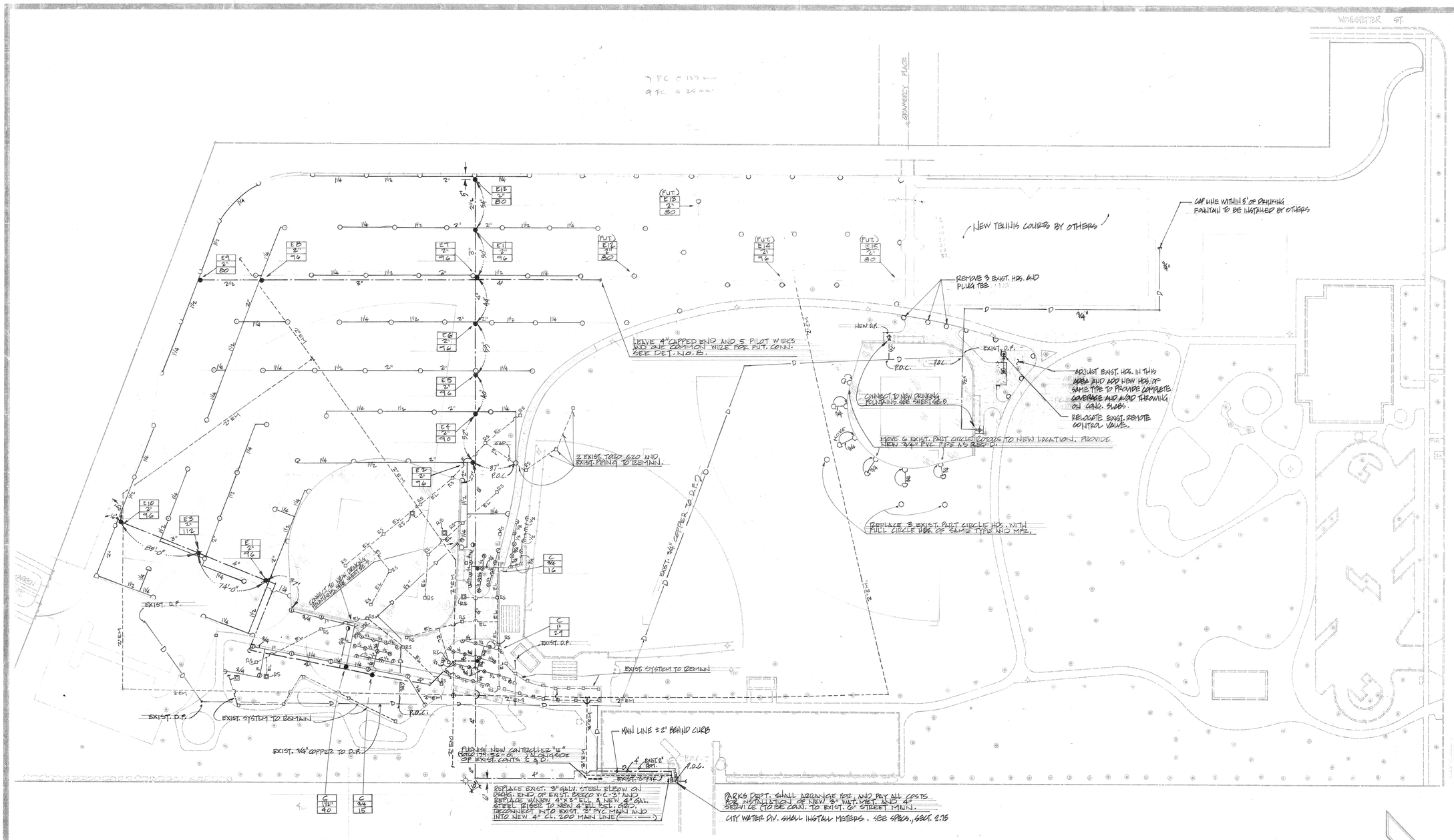
DRAWING NUMBER — PLAN HOLD CORPORATION • IRVINE, CALIFORNIA — PREPARED BY NUMBER OTHAR

DRAWING NUMBER **BR-20** — PLAN HOLD CORPORATION • IRVINE, CALIFORNIA — PREPARED BY NUMBER OTHAR

DRAWING NUMBER — PLAN HOLD CORPORATION • IRVINE, CALIFORNIA — PREPARED BY NUMBER OTHAR



TIMING/SET TO PROVIDE 144/WEEK PRECIPITATION (PEAK DEMAND)	SPRINKLER HEAD LEGEND						
	SYMBOL	DESCRIPTION	GALLONS/MINUTE	NOZ. PRESS.	RADIUS		BASIS OF DESIGN
14 MIN.	⊗ ⊗ ⊠	FULL HALF QUARTER CIRCLE POP-UP LAWN HD.	@20 H=1.0 Q=.5	30 P.S.I.	12	FT.	TORO 570P-12 SERIES
50 MIN.	⊙	FULL CIRCLE POP-UP ROTOR	5.0	50 "	43	"	" 624-00-25
50 MIN.	⊙ ⊠	PART " " "	3.0	50 "	43	"	" 625-00-24
	RS □	EXIST. TO BE HD. (REMOVE & SURRENDER TO DISTRICT	–	– "	–	"	–
FULL = 25 MIN. PART = 12½ MIN.	○ ○	FULL & PART CIRCLE POP-UP ROTOR HD.	16.0	50 "	57	"	640-02-XX-1/4" SERIES
				"		"	
120/IE TIMINGS BASED ON 6 DAY/WK. OPERATION.				"		"	

NOMENCLATURE	
RS □	EXIST. SPR. HD. TO BE REMOVED & SURRENDERED TO PARK DISTRICT.
RS ⊠	EXIST. 12 GV " " " " " " "
EL	EXIST. SPR. LATERAL TO BE ABANDONED (VERIFY LOCATIONS IF NECESSARY)
EM	EXIST. SPR. MAIN LINE TO REMAIN UNDER PRESSURE (VERIFY LOCATIONS.)

CONTRACTOR SHALL CONN. ALL REMOTE CONTROL VALVES SHOWN AS "C" TO BUNK STATION POSTS ON EXIST. CONTROLLER "C"; SEE SPECS FOR WIRE TYPE.

WATER PRESSURE = 88-117 P.S.I.

IRRIGATION DEMAND = 200 GPM

REFER TO SHT. NO. SP-6 FOR LEGEND & DETAILS & NOTES

⚠ AS BUILT REVISIONS 7-9-80

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David Hoover 11/13/78

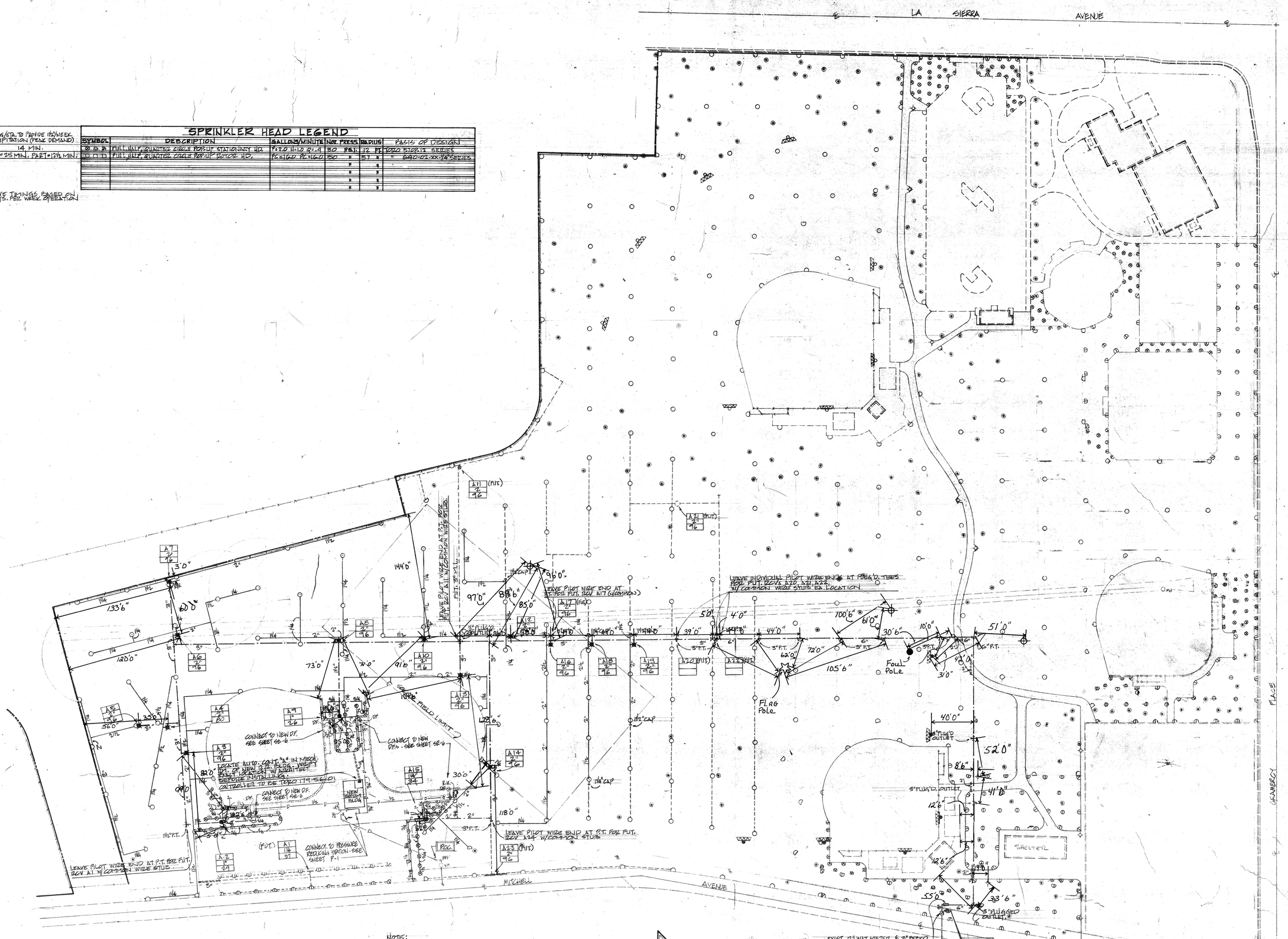
CITY OF RIVERSIDE
PARK IMPROVEMENT PROGRAM
BRYANT PARK - SPRINKLER PLAN, LEGEND

date 11-17-78
revised 7-9-80
sheet no. SP-1 OF 1

STATE PROJ. NO. 33-0011

TIMING/STA. TO PROVIDE 1½"/WEEK PRECIPITATION (PEAK DEMAND)	SPRINKLER HEAD LEGEND					
	SYMBOL	DESCRIPTION	GALLONS/MINUTE	NOZ. PRESS.	RADIUS	BASIS OF DESIGN
14 MIN.		FULL, HALF, QUARTER CIRCLE POP-UP STATIONARY HD.	P=2.0 H=1.0 Q=.4	30 PSI.	12 FT.	TORO 570P-12 SERIES
FULL = 25 MIN. PART = 12½ MIN.		FULL, HALF, QUARTER CIRCLE POP-UP ROTOR HD.	PC=16.0 PC=16.0	50 "	57 "	" 640-02-XX-¼" SERIES
				"	"	
				"	"	
				"	"	
				"	"	

ABOVE TIMINGS BASED ON 6 DYS. PER WEEK OPERATION



NOTE:
ALL WORK TO BE PERFORMED UNDER THIS CONTRACT IS INDICATED AS SPR. HDS. CONNECTED WITH SOLID LINES, ALL MAINS SHOWN AS ———, SLEEVES SHOWN ======, RCVS (●), QCVS (◐), RVS, (▽), ETC.
DISCONNECTED SPR. HDS. OR WORK CONNECTED W/DASHED PIPE LINES IS N.I.C.

NORTH 1" = 40'

WATER PRESSURE: 110 - 117 PSI @ METER.
MAX. IRRIG. DEMAND (THIS PHASE) - 96 GPM

REFER TO SHEET No SP-6 FOR LEGEND & DETAILS & NOTES

* REPLACE ALL 2" STEEL PIPE BETWEEN WATER MET. AND ELL AT DSCHG. SIDE (BELOW GRD) OF BFP. REUSE SAME 3" BFP.

P-128-22

STATE PROJ. NO. 33-0012

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PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE

LA SIERRA PARK - SPRINKLER PLAN, LEGEND

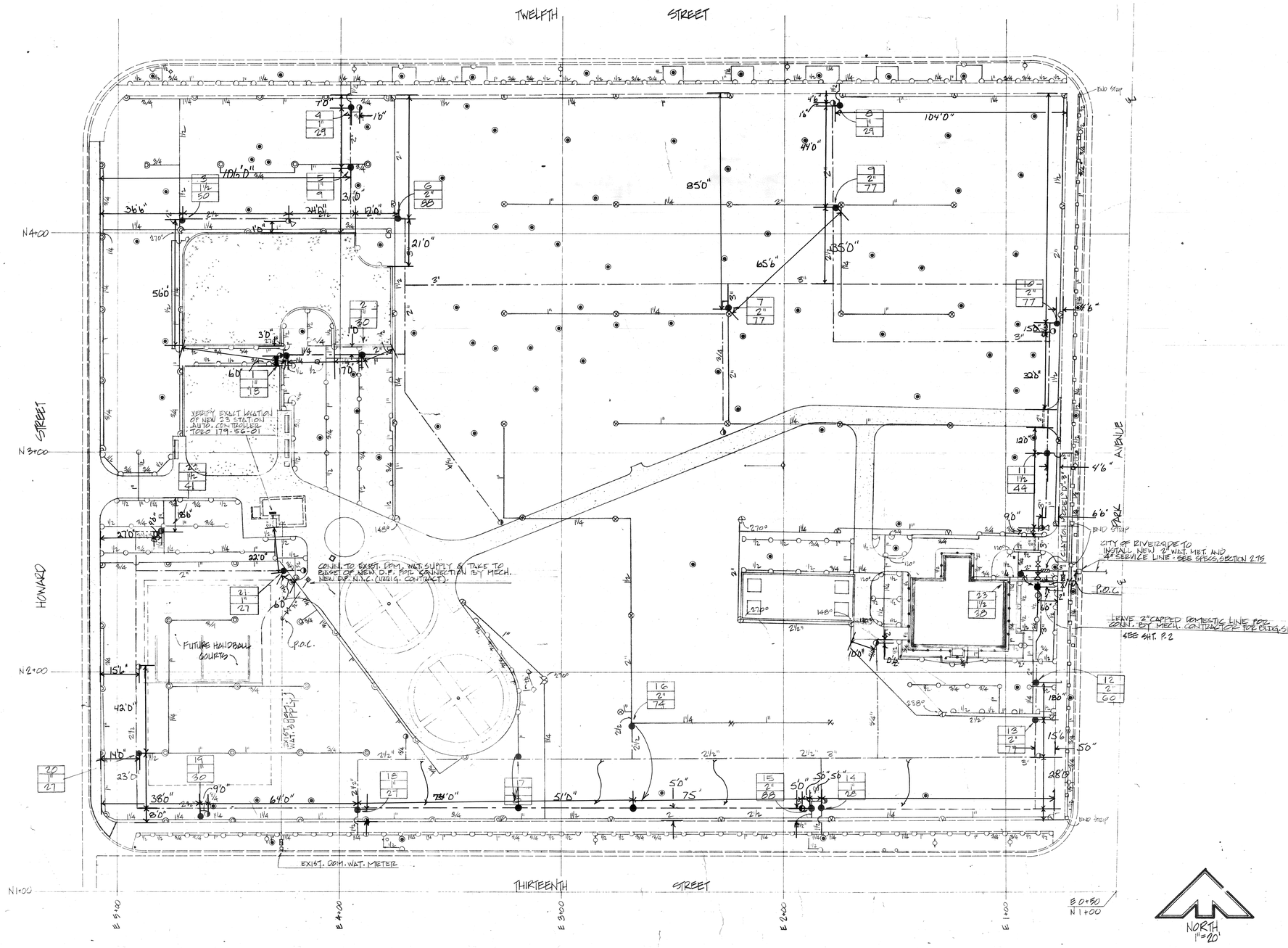
date 11-17-78

revised

sheet no. SP-2

SPRINKLER HEAD LEGEND

SYMBOL	DESCRIPTION	GALLONS/MINUTE	NOZ. PRESS.	RADIUS	BASIS OF DESIGN
⊗ ⊘	FULL & PART CIRCLE ROTARY POP-UP HD.	11.0	50 PSI.	50 FT.	TORO 640-14 SERIES
⊗	FULL CIRCLE ADJ. RADIUS ROTARY POP-UP HD.	9.4	50 "	45 "	RAINBIRD 37-7/32 ADJ.
⊗ ⊘	FULL & PART CIRCLE ROTARY POP-UP HD.	3.0	50 "	43 "	TORO 624-00-24/625-00-24
⊘	PART CIRCLE POP-UP STREAM ROTOR	1.67	50 "	18 "	TORO 308-00-01
□	POP-UP STRIP TYPE LAWN HD.	1.3	25 "	4x28 "	TORO 510-00
○ ○ □	POP-UP STATIONARY TYPE LAWN HD.	P=2.0 H=1.0 Q=.5	30 "	12 "	TORO 570P-12 SERIES
•	FLAT SPRAY SHRUB HD.	.75	10 "	6 "	RAIN-O-MAT 302 SERIES
			"	"	
			"	"	
			"	"	
			"	"	



WATER PRESSURE: 80 PSI MIN. - 95 PSI MAX.
MAX. IRRIG. DEMAND: 88 GPM.

REFER TO SHT No SP6 FOR LEGEND & DETAILS & NOTES

P-130 - #5

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David Hayes 11/17/78

PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE

LINCOLN PARK - SPRINKLER PLAN, LEGEND

date 11-17-78

revised

sheet no. SP-3

NOMENCLATURE FOR PUMP DETAIL

1. 3" GALV. STEEL RISER
2. 3" C.I. FLNG'D. ELL
3. 3" CLAYTON MODEL "D" DOUBLE CK. V. DEVICE
4. 3"x3"x2" C.I. FLNG'D TEE
5. 3"x1½" C.I. ECC. REDUC.
6. 1½"x 6" GALV. STL. NIP.
7. BOOSTER PUMP - PACO "L" 1510-1 (1½"x2"x7") 2HP. 115/230 V. 60 ∿ 1 ϕ 1750 RPM. W/MECH. SEAL TO DELIV. 100 GPM @ 46 FT. TDH.
8. 2" GATE VALVE
9. 2" GALV. STL. RISER
10. 2"x6" GALV. STL. NIP.
11. 3"x2" CONCENTRIC RED'R.
12. 3" SPRING-LOADED CK.V., "CENTERLINE" CLC."
13. 3" ADAPTOR - "CENTERLINE" @ 1000"
14. 3" BUTTERFLY V. "CENTERLINE"
15. 3' GALV. STL. PIPE
16. CHA I-LINK ENCLOSURE
17. CONC. SUPPORT
18. 2" SPRING LOADED CK.V. "CENTERLINE" CLC".

SPRINKLER-HEAD LEGEND

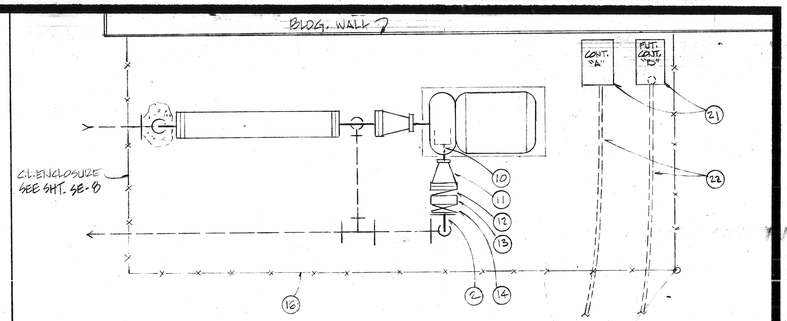
SYMBOL	DESCRIPTION	GALLONS/MINUTE	NOZ. PRESS	RADIUS	BASIS OF DESIGN
⊗ ⊙	FULL & PART CIRCLE POP-UP ROTOR HD.	11.0	50 P.S.I.	50 FT.	TORO 640-VH SERIES
⊗	PART CIRCLE " " "	5.0	50 "	43 "	" 620-00-25
⊗ ⊙	FULL & PART CIRCLE " " "	9.5	40 "	45 "	" 640-3/4" SERIES
⊓	PART CIRCLE STREAM ROTOR, 12" POP-UP HD	180°=1.67 270°=2.2	50 "	24 "	" 30B-12-02/31212-02
▭ ⊙	FULL, HALF, QUARTER CIRCLE SHRUB HD.	F:20 H:10 Q:5	30 "	12 "	" 570S-12 SERIES
○ ○ ○	" " " " POP-UP LAWN HD	F:20 H:10 Q:5	30 "	12 "	" 570P-12 "
				"	"
				"	"

TIMING/STA TO PROVIDE 1½"/WEEK PRECIPITATION (PEAK DEMAND)

FULL CIRC.-30 MIN. P.C.-15 MIN.	
25 MIN.	
FULL CIRC.-30 MIN. P.C.-15 MIN.	
15 MIN.	
14 MIN.	
14 MIN.	

ABOVE TIMINGS BASED ON 6 DAYS PER WEEK OPERATION

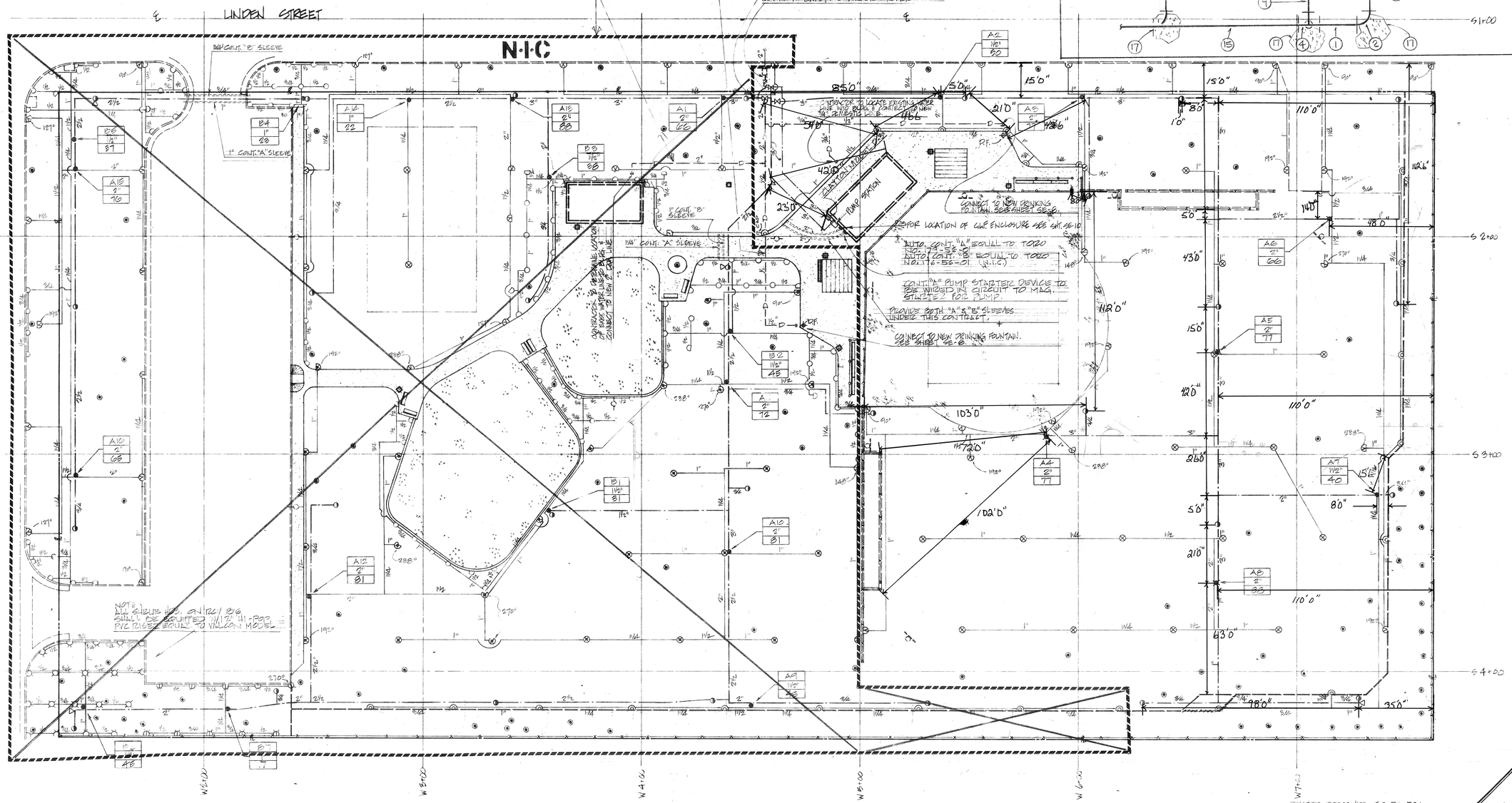
N.I.C.



NOTE:
ALL WORK ENCLOSED WITHIN DASHED LINE IS NOT A PART OF THIS CONTRACT, EXCEPTION TO THIS IS - ALL DOMESTIC LINE SHOWN ON THIS SHT. SHALL BE INSTALLED UNDER THIS CONTRACT.

LEAVE 2" LUG TYPE (PLUGGED) BUTTERFLY V. PERMANENTLY BOLTED TO UPSTREAM FLNG.

CONN. TO EXIST. 2" WATER METER



REFER TO SHT. NO. P-6 FOR LEGEND & DETAILS & NOTES

WATER PRESSURE = 59.71 P.S.I.
SYSTEM DESIGNED TO 80 P.S.I. WAT. PRESS.
MAX. IRRIGATION DEMAND = 88 GPM

NORTH 1"=20'

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PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE, CALIFORNIA
PATTERSON PARK - SPRINKLER PLAN, LEGEND, DETAILS

date 11-17-73
revised
sheet no. SP-4

P-139-10

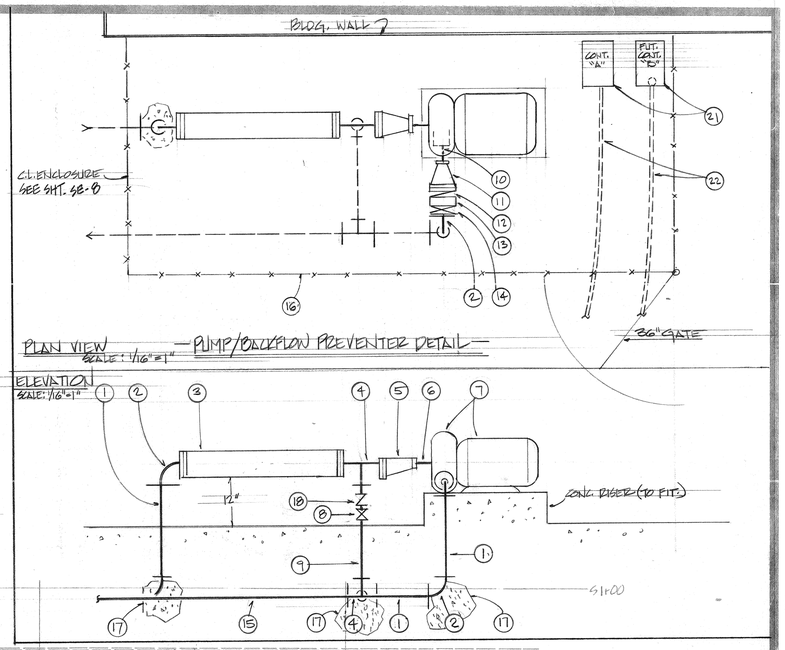
NOMENCLATURE FOR PUMP DETAIL

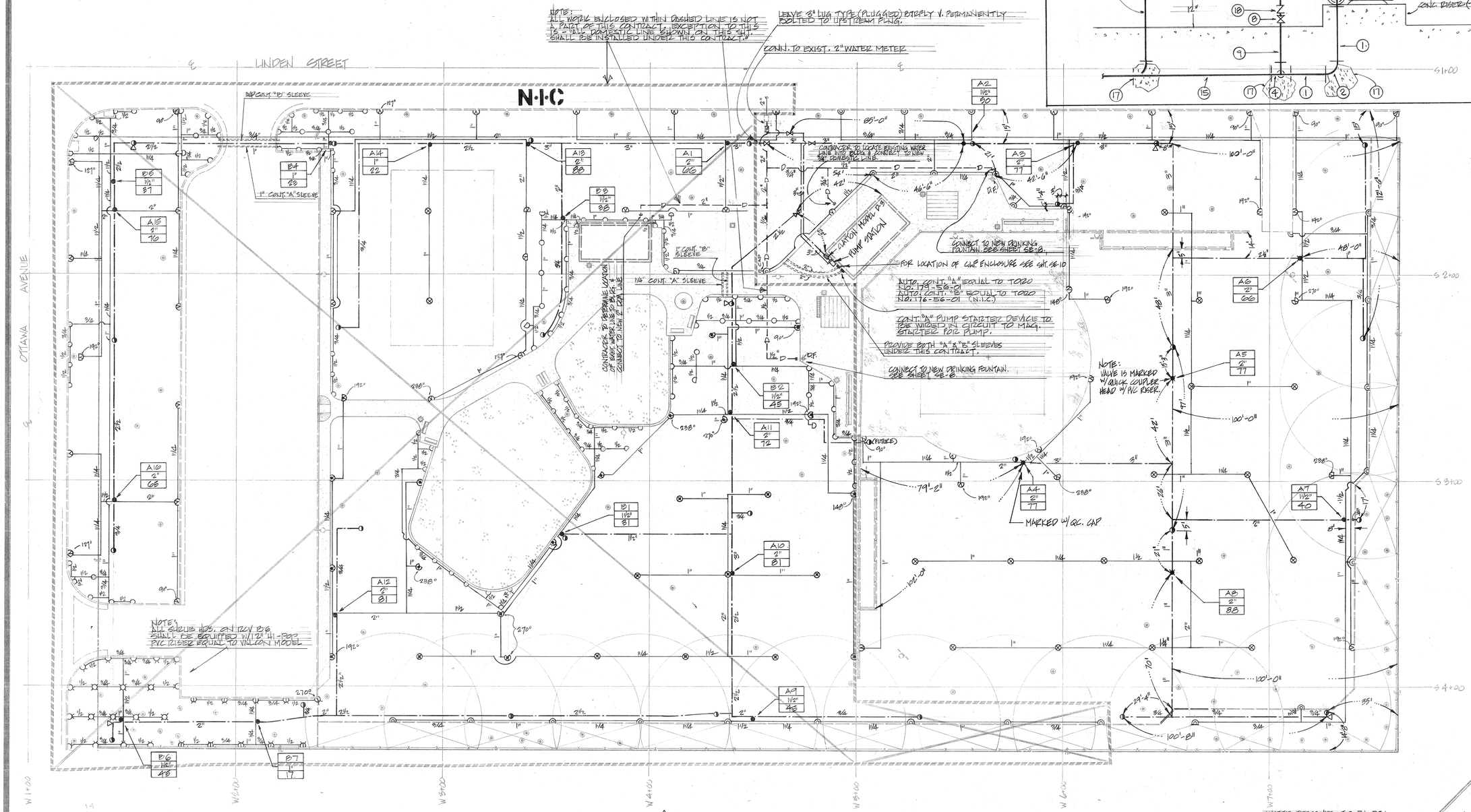
1. 3" GALV. STEEL RISER
2. 3" C.I. FLNG'D. ELL
3. 3" CLAYTON MODEL "D" DOUBLE CK. V. DEVICE
4. 3"x3"x2" C.I. FLNG'D TEE
5. 3"x1½" C.I. ECC. RED'R.
6. 1½"x6" GALV. STL. NIP.
7. BOOSTER PUMP - PACO "L" 1570-1 (1½"x2"x7) 2HP. 115/230 V. 60~ 1 Φ 1750 RPM. W/MECH. SEAL TO DELIV. 100 GPM @ 46 FT. T.D.H.
8. 2" GATE VALVE
9. 2" GALV. STL. RISER
10. 2"x6" GALV. STL. NIP.
11. 3"x2" CONCENTRIC RED'R.
12. 3" SPRING-LOADED CK. V. "CENTERLINE #CLC."
13. 3" ADAPTOR - "CENTERLINE #41000"
14. 3" BUTTERFLY V. "CENTERLINE"
15. 3" GALV. STL. PIPE
16. CHAIN-LINK ENCLOSURE
17. CONC. SUPPORT
18. 2" SPRING LOADED CK. V. "CENTERLINE #CLC".

SPRINKLER HEAD LEGEND

TIMING/STA. TO PROVIDE 1½" WEEK PRECIPITATION (PEAK DEMAND)	SYMBOL	DESCRIPTION	GALLONS/MINUTE	NOZ. PRESS.	RADIUS	BASIS OF DESIGN
FULL CIRC. 30 MIN. P.C. = 15 MIN.	⊗ ⊗	FULL & PART CIRCLE POP-UP ROTOR HD.	11.0	50 P.S.I.	50 FT.	TORO 640-14" SERIES
25 MIN.	⊗	PART CIRCLE " " "	5.0	50 "	43 "	" 620-00-25
FULL CIRC. 30 MIN. P.C. = 15 MIN.	⊗ ⊗	FULL & PART CIRCLE " " "	9.5	40 "	45 "	" 640-3/16" SERIES
15 MIN.	⊠	PART CIRCLE STREAM ROTOR 12" POP-UP HD.	180° = 1.67 270° = 2.2	50 "	24 "	" 308-12-02/312-12-02
14 MIN.	⊠⊠⊠	FULL, HALF, QUARTER CIRCLE SHRUB HD.	F=2.0 H=1.0 Q=.5	30 "	12 "	" 570S-12 SERIES
14 MIN.	○○○	" " " " POP-UP LAWN HD.	F=2.0 H=1.0 Q=.5	30 "	12 "	" 570P-12 "
ABOVE TIMINGS BASED ON 6 DYS. PER WEEK OPERATION				"	"	

N.I.C.





⚠ AS BUILT REVISIONS 7-9-80

REFER TO SHT. No. SP-6 FOR LEGEND & DETAILS & NOTES

WATER PRESSURE = 59.71 P.S.I.
SYSTEM DESIGNED TO 80 P.S.I. WAT. PRESS.
MAX. IRRIGATION DEMAND = 88 GPM

NORTH 1"=20'

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PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE, CALIFORNIA

PATTERSON PARK - SPRINKLER PLAN, LEGEND, DETAILS

date 11-17-78

revised 7-9-80

sheet no. SP-4

1 REMOTE CONTROL VALVE - NON PLAYING AREAS
NO SCALE SYMBOL ●

REMOTE CONTROL VALVE SHALL BE OF BRONZE CONSTRUCTION, GLOBE TYPE WITH THROTTLING DEVICE. ANGLE TYPE MAY BE USED.

SPECIFIED: REMOTE CONTROL VALVE - TORO No 216-06- (04, 06 & 08)
VALVE BOX - BROOKS No 3TL
COMPRESSION MALE ADAPTER - FLO-CONTROL No 130 SERIES

5 PRESSURE RELIEF VALVE
NO SCALE: SYMBOL ◁

PRESSURE RELIEF VALVE SHALL BE BRONZE BODY & INSIDE WORKING PARTS, ANGLE TYPE WITH PURGE LEVER, SILICONE SEATS & S.S. SPRING 3/4" FEMALE CONNECTION.

SPECIFIED: PRESSURE RELIEF VALVE - CASH ACME No F-72 - 3/4"
VALVE BOX - BROOKS No 3TL
SHUT-OFF VALVE - NIBCO-SCOTT No T-29 - 3/4"

9 RISER ASSEMBLY - LAWN HEAD
NO SCALE:

MAIN LINE & CONTROL WIRES IN ROCKY SOIL & UNDER PAVING				
DIMENSION	A	B	C	D
1/2" TO 3" SIZE	24"	X	6"	4"

LATERAL PIPES	
DIMENSION	A
ROTARY HDS MIN. 1" INLET	18"
ALL OTHER TYPES OF HDS.	12"

NOTE: TRENCHES TO BE WIDE ENOUGH TO ALLOW 4" MIN. HORIZONTAL CLEARANCE BETWEEN PARALLEL PIPES.

MAIN LINE & CONTROL WIRES AVERAGE SOIL CONDITION		
DIMENSION	A	B
1/2" TO 3" SIZE	18"	X
4" IN SIZE	24"	18"

13 TRENCHING DETAILS
NO SCALE

2 REMOTE CONTROL VALVE - PLAY AREAS ONLY
NO SCALE SYMBOL ✖

REMOTE CONTROL VALVE SHALL BE OF BRONZE CONSTRUCTION, GLOBE TYPE, WITH THROTTLING DEVICE

SPECIFIED: REMOTE CONTROL VALVE - TORO No 216-06- (04, 06 & 08)
VALVE BOX - BROOKS No 3 SP
COMPRESSION MALE ADAPTER - FLO-CONTROL No 130 SERIES
VALVE MARKER - RAINBIRD No 63100

6 SHUT-OFF VALVE - 1/2" THRU 2"
NO SCALE SYMBOL ⊠

GATE VALVE SHALL BE 200 P.S.I. W.O.G. BRONZE CONSTRUCTION NON-RISING STEM, SOLID WEDGE, TEFLON ASBESTOS PACKING.

SPECIFIED: GATE VALVE - NIBCO-SCOTT No T-113 SERIES
VALVE BOX - BROOKS No 3TL

10 POP-UP RISER ASSEMBLY - SHRUB HD.
NO SCALE

SPECIFIED: HI-POP RISER - "VALCON" PS-12
FLEXIBLE NIPPLE - KING BROS. IND. No FR 100 F
SPRINKLER HD. (REFER TO LEGEND ON EACH SHEET)

3 AUTOMATIC CONTROLLER - PEDESTAL TYPE
NO SCALE SYMBOL ▬

SPECIFIED: AUTOMATIC CONTROLLER - SERIES 170 - MONITOR II (TORO)

7 SHUT-OFF VALVE - 2 1/2" & OVER
NO SCALE SYMBOL ⊠

BUTTERFLY VALVE SHALL BE RESILIENT LINED WAFER SPAN TYPE WITH "O" RING FLANGE SEALS. BODY SHALL BE HIGH STRENGTH CAST IRON WITH ALUMINUM BRONZE DISC, 316 STAINLESS STEEL SHAFT, BUNA N SEATS & SEALS.

SPECIFIED: BUTTERFLY VALVE - ~~NORRISEAL~~ R-1010-43AA W/AWWA NUT.
VALVE BOX - BROOKS No 3TL

11 RISER ASSEMBLY - SHRUB HEAD
NO SCALE:

SPECIFIED: 3/8" S.S. STRAP & CLAMP - "VALSTRAP" BY "BAND-IT"

4 QUICK COUPLER VALVE
NO SCALE SYMBOL ◐

QUICK COUPLER VALVE SHALL BE TWO PIECE TYPE, BRONZE, INTEGRAL FLOW CONTROL WITH YELLOW VINYL HINGED CAP, LOCKING TYPE.

SPECIFIED: QUICK COUPLER VALVE - RAINBIRD No 33D-LVC - 3/4"
COUPLER KEY - RAINBIRD No 33 K
HOSE BIBB - CHAMPION No 10-401 - 3/4"

8 OUTLETS FOR FUTURE CONNECTIONS
NO SCALE:

SPECIFIED: VALVE BOX - BROOKS No 3TL

12 TYPICAL DETAIL - CONCRETE THRUST BLOCKS
NO SCALE:

1 - CONTRACTOR SHALL ARRANGE FOR SERVICES OF MFR'S QUALIFIED INSTRUCTOR.
2 - SIZES OF ANCHOR & THRUST BLOCKS SHALL BE AS RECOMMENDED BY PIPE MFR.
3 - ANCHOR & THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED SOIL.
4 - CONCRETE SHALL ATTAIN 2000 P.S.I. COMPRESSIVE STRENGTH.
5 - ANCHOR RODS SHALL BE 1/2" DIA. REINFORCING STEEL, ENCASED IN CONCRETE.
6 - KEEP CONCRETE CLEAR OF ALL PIPE OPENINGS.

LEGEND

SYMBOL	DESCRIPTION	REFERENCE No
●	REMOTE CONTROL VALVE (NON-PLAYING AREAS)	DETAIL No 1
✖	REMOTE CONTROL VALVE - (PLAY AREAS)	" " 2
▬	AUTOMATIC CONTROLLER	" " 3
◐	QUICK COUPLER VALVE	" " 4
▧	NEW OR EXIST. BACKFLOW PREVENTION DEVICE	
◁	PRESSURE RELIEF VALVE	" " 5
⊠	LINE-SIZED SHUT-OFF VALVE (2" & UNDER)	" " 6
⊠	LINE SIZED SHUT-OFF VALVE (2 1/2" & OVER)	" " 7
—D—	DOMESTIC MAIN LINE - PVC SCHED 40. TYPE I SWP.	
- - -	MAIN LINE - EXIST. OR PROVIDED UNDER MECH. SECTION	
— - —	NEW MAIN LINE - SEE NOTES	
——	SPRINKLER PIPE - PVC, 1120, SOLVENT WELDED PLASTIC PIPE - SCHED. 40	
=======	PVC ELEC. SLEEVE WITH No 12 PULL WIRE UNDER PAVING	
9	REMOTE CONTROL VALVE SEQUENCE NUMBER	
2"	REMOTE CONTROL VALVE SIZE	
80	FLOW IN GALLONS PER MINUTE	
P.O.C.	POINT OF CONNECTION	
▧	DOUBLE CHECK VALVE ASSEMBLY FOR DOMESTIC WATER SUPPLY	

NOTES

CHECK & VERIFY ALL SITE CONDITIONS, UTILITIES & SERVICES PRIOR TO TRENCHING.

WHERE TREES, LIGHT STANDARDS, ETC. ARE AN OBSTRUCTION OF SPRAYS, PIPING & SPRINKLER HDS SHALL BE ADJUSTED AND/OR RELOCATED AS NECESSARY TO OBTAIN FULL COVERAGE WITHOUT EXCESSIVE OVERTHROW. DO NOT EXCEED SPACINGS SHOWN ON DRWGS.

IF IT BECOMES NECESSARY TO RELOCATE OR ALTER SPRINKLER HDS., VALVES, PIPING, ETC. DUE TO CHANGE IN SITE CONDITIONS, CONTRACTOR SHALL OBTAIN APPROVAL FROM THE OWNERS AUTHORIZED REPRESENTATIVE PRIOR TO STARTING THESE REVISIONS.

PLANS ARE DIAGRAMATIC & APPROXIMATE. ALL VALVES SHALL BE LOCATED IN PLT'G AREAS & ALL PIPING SHALL BE INSTALLED IN PLANTING AREAS EXCEPT WHERE IT IS INFEASIBLE TO DO SO.

SPRINKLER HDS. SPECIFIED ARE AVAILABLE IN VARYING DEGREES OF ARCS. CONTRACTOR SHALL PROVIDE, AT EACH HD., THE ARC MOST SUITED TO PROVIDE ADEQUATE COVERAGE & PREVENT OVERSPRAY ON WALKS, ROADS, BLDGS, ETC.

ALL PIPING, PVC ELEC SLEEVES, ETC, UNDER PAVING SHALL BE INSTALLED PRIOR TO PAVING WORK. NO TEES, ELLS OR OTHER TURNS IN PIPING SHALL BE LOCATED UNDER PAVING EXCEPT WHERE SHOWN ON DRAWINGS. CAP ALL ENDS HAND TIGHT, PRIOR TO BACKFILL.

EACH REMOTE CONTROL VALVE SHALL BE CONNECTED TO AUTOMATIC CONTROLLER WITH No 14 PILOT WIRE & No 14 COMMON WIRE - TYPE U.F., COPPER, U.L. APPROVED, SOLID STRAND.

~~ALL AUTOMATIC CONTROLLERS~~, RISERS TO BACKFLOW PREVENTION DEVICES AND PUMP ASSEMBLY SHALL BE SET PLUMB. RISERS TO SPRINKLER HDS & QUICK COUPLER VALVES & ALL VALVES WITH STEMS SHALL BE SET PERPENDICULAR TO FIN. GRD.

COORDINATE IRRIGATION WORK WITH PLANTING PLANS TO AVOID CONFLICTING LOCATIONS BETWEEN PIPING & PLANT PITS.

ALL MATERIALS SHALL BE INSTALLED AS DETAILED ON DRAWINGS. HOWEVER, IF THE CONTRACT DRAWINGS AND/OR SPECIFICATIONS DO NOT THOROUGHLY DESCRIBE THE METHODS OR TECHNIQUES TO BE USED, THEN THE CONTRACTOR SHALL FOLLOW THE INSTALLATION METHODS ISSUED BY THE MANUFACTURER. ALL SUCH LITERATURE MUST BE APPROVED BY THE IRRIGATION CONSULTANT.

NEW MAIN LINE PIPING TO BE AS FOLLOWS:
1 - UPSTREAM SIDE OF BACKFLOW PREVENTER - GALV. STEEL - SCHED. 40.
2 - DOWNSTREAM OF B.F.P. - PVC. 1120, SCHED. 40 SOLVENT WELDED PLASTIC PIPE (1/2" THRU 2").
3 - DOWNSTREAM OF B.F.P. - PVC. 1120 CLASS 200# RING-TYPE PLASTIC PIPE (2 1/2" & OVER IN SIZE).

INSTALL DI-ELECTRIC UNIONS WHEN DISSIMILAR PIPES ARE CONNECTED TOGETHER. PVC PLASTIC PIPE SHALL BE CONTINUOUSLY MARKED WITH MANUFACTURER'S NAME, PIPE SIZE (I.P.S.) CLASS OR SCHEDULE NUMBER, MFR'S LOT NUMBER & N.S.F. APPROVAL.

CONTRACTOR SHALL VERIFY ALL EXIST. CONDITIONS & SHALL MAKE WHATEVER ADJUSTMENTS, REPAIRS, EXTENSIONS, ETC. REQUIRED TO INSURE CONTINUOUS & FULL IRRIGATION COVERAGE BETWEEN NEW & EXISTING LANDSCAPE WORK.

CONTRACTOR WILL ASSURE THE OWNER THAT ANY DAMAGE OR HINDRANCE TO ANY EXIST'G IRRIGATION SYSTEM DUE TO CONSTRUCTION WILL BE REPAIRED IMMEDIATELY SO THAT NORMAL IRRIGATION CAN RESUME.

CONTRACTOR SHALL CAP ALL OUTLETS AFTER REMOVAL OF EXIST. HEADS, VALVES, ETC. & HE SHALL BE RESPONSIBLE FOR ANY LEAKS FOUND. ALL LEAKS, WITHIN LIMITS OF THIS CONTRACT, SHALL BE CORRECTED.

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REGISTERED LANDSCAPE ARCHITECT — David Hayes — STATE OF CALIFORNIA — 11/17/78

LANDSCAPE IRRIGATION DESIGN INC
1614 VICTORY BLVD.
GLENDALE, CALIFORNIA
91201
(213) 245-1744

PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE

SPRINKLER LEGEND, NOTES, DETAILS

date 11-17-78

revised

sheet no. SP-6

P-128-41

STATE PROJ. NO. 33-0011, 33-0012

DRAWING NUMBER BRY

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DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER BR-18

LEGEND

- EXISTING FACILITY
- FUTURE FACILITY
- CONCRETE PAVING
- SKINNED INFIELD
- NEW LAWN
- EXISTING TREE
- 5-GALLON TREE

NOTES:

1. THIS PLAN IS ACCURATE FOR PLANTING ONLY.
2. LIMITS OF LAWN SHOWN ARE APPROX. ALL IRRIGATED AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED & REPLANTED.
3. FOR PLANT LIST, DETAILS, & NOTES SEE SHEET L-5.

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PARK IMPROVEMENT PROGRAM

CITY OF RIVERSIDE

BRYANT PARK - LANDSCAPE PLANTING PLAN

date 11-17-78

revised

sheet no. L-1 of 1

-P-106-

STATE PROJ. NO. 33-0011

NOTES:

1. LIMITS OF NEW LAWN ARE APPROXIMATE. ALL IRRIGATED AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED AND REPLANTED.
2. THIS PLAN IS ACCURATE FOR LANDSCAPING ONLY.
3. FOR PLANT LIST, DETAILS, & NOTES SEE SHEET L-5.

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PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE

LA SIERRA PARK - LANDSCAPE PLANTING PLAN

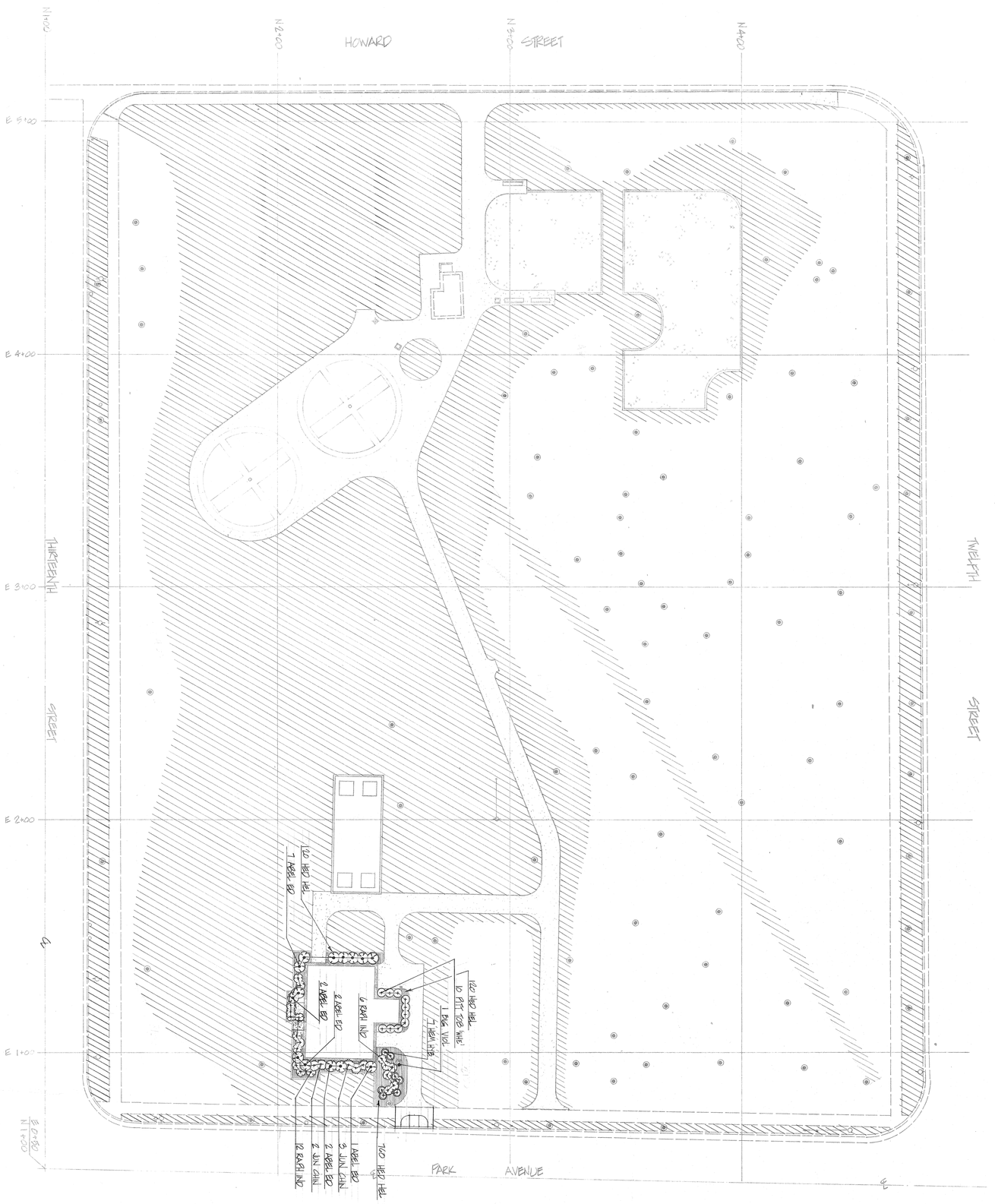
date 11·17·78

revised

sheet no. L-2

P-128-37

STATE PROJ. NO. 33-0012



LEGEND

- EXISTING IMPROVEMENT
- NEW CONCRETE WALK OR SLAB
- NEW SAND PLAY AREA
- GROUND COVER - SEE PLANT LIST
- LAWN - SEE SPECS
- EXISTING TREE
- 5-GALLON SHRUB
- 1-GALLON SHRUB

NOTES:

1. LIMITS OF NEW LAWN ARE APPROXIMATE. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPLANTED
2. FOR NOTES, DETAILS, & PLANT LIST SEE SHEET L-5
3. THIS PLAN IS ACCURATE FOR PLANTING ONLY.

PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE

LINCOLN PARK - LANDSCAPE PLANTING PLAN

REGISTERED LANDSCAPE ARCHITECT
David Hayes
11/17/78
STATE OF CALIFORNIA

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date 11-17-78
revised
sheet no. L-3

P-1-0-17

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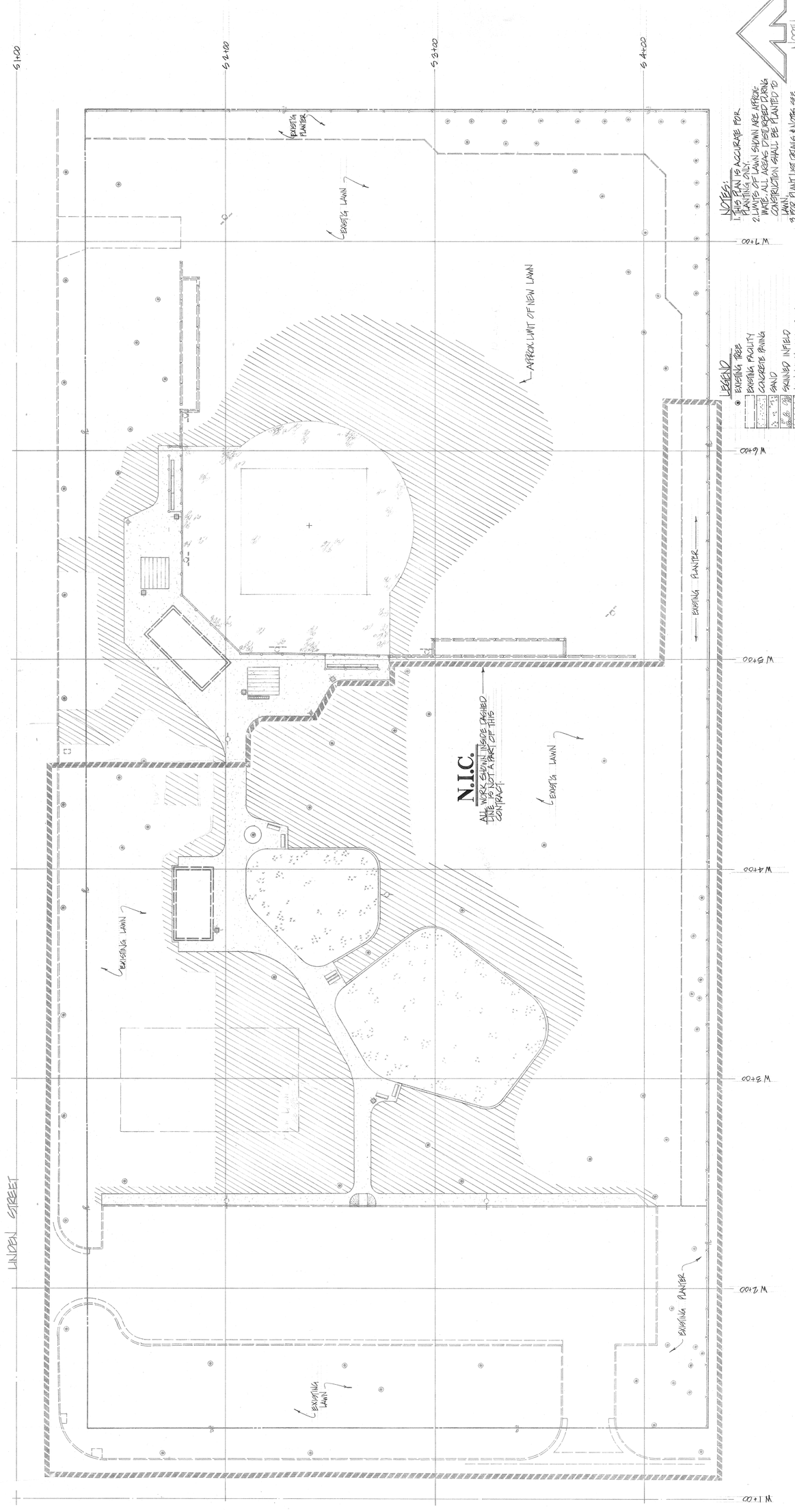
PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE, CALIFORNIA

PATTERSON PARK - LANDSCAPE PLANTING PLAN

date 11-17-18

revised

sheet no. L-4



9. Top plates of all stud walls shall be 2 pieces the same size as studs. Splices to lap 4'-0" minimum and be nailed per the details.

10. Bolt holes in wood shall be 1/32" to 1/16" larger than the nominal bolt diameter. All bolts shall have standard cut washer under head and nut unless noted otherwise.

11. All bolts shall be retightened prior to the application of sheathing, plaster, etc.

12. Structural members shall not be cut for pipes, etc. unless specifically detailed.

13. Provide 2x solid blocking between joists and rafters at all supports. Blocking shall be one piece and the full depth of the joist or rafter.

14. Cross bridging or solid blocking shall be provided at 8'-0" o/c maximum for all floor joists more than 12" deep and at 10'-0" o/c maximum for all rafters more than 8" deep.

15. Provide double joists under partitions which are parallel to the floor joists.

WOOD POLES

1. Timber poles shall be coastal Douglas fir or Southern Pine meeting all the requirements of ANSI 05.1-72 as modified in AWPA C23-74.

2. Poles shall be pressure-treated in accordance with AWPA C23-74. All timber poles shall be treated by the Koppers Company (Cellon process) or by J. H. Baxter (Dow process).

3. The sweep is restricted to 50% of that permitted for ASA grade and sweep is permitted in one plane only. Maximum taper shall be one inch in ten feet. All poles will be of a natural finish. A sealer is not required. Each pole shall be sized as noted on drawings. Diameter given shall be butt diameter.

MASONRY

1. All masonry shall be reinforced grouted masonry. Grout solid all cells which contain rebar, bolts, etc. Grout solid all cells below grade.

2. Mortar shall be Type 'S' mixed in the proportions of 1 part Portland Cement to 1/2 to 1/4 parts lime putty to 2-1/4 to 3 times the sum of the cement plus lime putty parts of sand.

3. Grout shall attain a minimum compressive strength of 2000 psi and shall be mixed in proportions of 1 part Portland Cement to 1/10 part lime putty to 2 to 3 parts sand to a maximum of 2 parts gravel.

4. Aggregates for mortar and grout shall be natural sand and rock conforming to ASTM C-144 (mortar) and C-404 (grout).

5. Cement shall be Portland Cement conforming to ASTM C-150, Type I or II, low alkali.

6. All concrete block shall conform to ASTM C90, Grade N.

7. All brick shall conform to ASTM C62, Grade MW.

8. All reinforcement, bolts, etc. shall have a minimum grout coverage of 3/4". All brick shall have a minimum of 2-1/2" grout space.

9. See the architectural drawing for type of units, laying pattern and joint details. Unless specifically shown otherwise all concrete block and brick shall be laid in running bond.

ABBREVIATIONS

A.B.	ANCHOR BOLT
BM.	BEAM
B.N.	BOUNDARY NAIL
BLK	BLOCK
CJ	CEILING JOIST
E.N.	EDGE NAIL
F.N.	FIELD NAIL
G.W.B.	GYPSUM WALL BOARD
HDR.	HEADER
JST	JOIST
LEDGR.	LEDGER
M.B.	MACHINE BOLT
N.T.S.	NOT TO SCALE
P.I.	PANEL INDEX
PL	PLATE
P.T.	PRESSURE-TREATED
U.N.O.	UNLESS NOTED OTHERWISE

GENERAL NOTES

GENERAL

1. All construction and workmanship shall conform to the 1976 Uniform Building Code.

2. These notes shall be used in conjunction with the plans and any discrepancies shall be brought to the attention of the Architect/Engineer.

3. Contractor must check all dimensions, framing conditions, and site conditions before starting work. Architect/Engineer shall be notified immediately of any discrepancies or possible deficiencies.

4. Conditions not specifically shown shall be constructed similar to the details for the respective materials.

5. The drawings and specifications represent the finished structure. All bracing, temporary supports, shoring, etc. is the sole responsibility of the Contractor. Observation visits to the job site by the Architect/Engineer do not include inspection of construction procedures. The Contractor is solely responsible for all construction methods and for safety conditions at the worksite. These visits shall not be construed as continuous and detailed inspections.

6. Design, materials, equipment and products other than those described below or indicated on the drawings may be considered for use, provided prior approval is obtained from the Owner, Architect/Engineer, and the applicable governing code authority.

7. All conditions noted as existing are based on the best information currently available at the time of preparation of these drawings. The Contractor is to verify all conditions before starting work. Should conditions arise which are different from those shown on the drawings, the Architect/Engineer shall be notified immediately and additional drawings based on more accurate information will be prepared.

TEST AND INSPECTIONS

1. Continuous inspection shall be provided by a Testing Laboratory for all field welding and concrete with specified compressive strength of 2500 psi or greater.

FOUNDATIONS

1. All existing fill soil and disturbed natural soils are to be excavated and replaced with properly compacted fill. All filling, backfilling, recompaction, etc. is to be accomplished only under the supervision of a Soils Engineer.

2. All excavations are to be inspected and approved by a Soils Engineer prior to the placement of any concrete or reinforcing steel.

3. Footings are to be carried a minimum of 1'-0" (1'-6" at two story conditions) into firm undisturbed natural soil or approved compacted fill.

4. Design bearing pressure is 1000 psf with a 33% increase for seismic or wind loading.

5. Relatively non-expansive fill should be used in backfilling behind walls. All retaining walls shall be adequately shored during the backfill operation.

CONCRETE

1. All concrete shall attain a minimum compressive strength of 2000 psi at 28 days.

2. Aggregates shall be natural sand and rock conforming to ASTM C33.

3. Cement shall be Portland Cement conforming to ASTM C-150, Type I or II, low alkali.

4. The following minimum clear distances between reinforcing steel and face of concrete shall be maintained unless noted otherwise:

Slabs on grade	Center of slab
Concrete below grade, formed	2"
Concrete below grade, unformed (poured against earth)	3"
Concrete exposed to weather	1-1/2"

5. Pipes may pass through structural concrete in sleeves, but shall not be embedded therein. Pipes or ducts exceeding one-third the slab or wall thickness shall not be placed in the structural concrete unless specifically detailed.

6. Provide 3/4" chamfers at all exposed corners.

7. Refer to architectural drawings for reveals, areas of textured concrete or special finishes, items required to be cast into the concrete, curbs and slab depressions.

REINFORCING STEEL

1. Reinforcing steel shall conform to ASTM A615, Grade 40 for sizes #3 and #4 and Grade 60 for sizes #5 and larger.

2. Reinforcing fabric shall conform to ASTM A185.

3. Welding of reinforcing steel shall conform to AWS D12-1 using proper low hydrogen electrodes.

4. All bars in masonry shall be lapped a minimum of 40 bar diams. (2'-0" min) at all splices unless noted otherwise.

5. All bars in concrete shall be lapped a minimum of 36 bar diams. (2'-0" min) at all splices unless noted otherwise.

6. Splices of horizontal rebar in walls and footings shall be staggered 4'-0" minimum.

7. Dowels for walls and columns shall be the same size and spacing as the wall/column reinforcing unless noted otherwise.

STRUCTURAL STEEL

1. All fabrication and erection shall conform to the latest Edition of the AISC Manual of Steel Construction.

2. All welding shall be done by certified welders.

3. All structural steel shall conform to ASTM A36.

4. Anchor bolts and unfinished bolts shall conform to ASTM A307.

5. All pipe shall conform to ASTM A53 Grade 'B'. (35 ksi)

6. All tube shall conform to ASTM A501 (36 ksi).

WOOD FRAME

1. All structural lumber shall be Douglas Fir of the following grades, conforming to Standard Grading Rules for West Coast Lumber, No. 16, unless noted otherwise:

Rafters, joists	No. 2 1250F
Beams and stringers	No. 1 1300F
Posts and timbers	No. 1 1200F
2 x 4 joists and rafters	No. 1 1750F
Studs, blocking, plates (Douglas Fir or Hem Fir)	Stud Grade
Eave Facia	Clear

2. All wood bearing on concrete or masonry shall be pressure treated Fir.

3. Each sheet of plywood shall be identified by a registered stamp or brand of the American Plywood Association.

4. Plywood for roof sheathing shall be CDX. Use exterior type, min. C-C grade where plywood is exposed to weather. Plywood for floor sheathing shall be Underlayment Grade Plywood. All plywood shall be glued with exterior type glue. All plywood shall conform to U.S. Product Standard PS 1-74.

5. Nails shall be Box. Nailing shall be per Chapter 25 of the Uniform Building Code unless noted otherwise on the plans and details.

6. All metal connectors shall be Simpson Strong-Tie connectors or approved equal. The nails for these connectors shall be joist hanger nails as manufactured by the Simpson Co. or approved equal.

7. Provide 1x6 diagonal let-in bracing (at approx. 45°) every 25'-0" maximum in all stud walls not sheathed. Bracing shall run continuous from sill plate to top plate. Nail with 2-8d per stud and 3-8d each end to plates.

8. Provide fire stops at all intersections of stud walls at floor, ceiling, and roof. Fire stops shall be 2x nominal thickness of wood and shall be the full width of the enclosed space. Place fire stops at a maximum spacing of 10'-0" in the vertical direction. Provide 2x fire stops in all furred spaces, vertical and horizontal, and at a maximum spacing of 10'-0" in each direction and at the same lines as fire stops in adjacent stud walls.

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CITY OF RIVERSIDE
PARK IMPROVEMENT PROGRAM
ARCHITECTURAL NOTES, ABBREVIATIONS

date 11-17-78

revised

sheet no. A-1

P-128-40

STATE PROJ. NO. 33-0012

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INFILTRATION SPECIFICATIONS

1. Exterior windows and doors shall conform to the following standards and specifications:

   1.3. Metal windows shall comply with ANSI A 134-1 (1972).

   1.5. All manufactured windows shall be certified and labelled for compliance.

2. Air leakage at the exterior walls of conditioned spaces, and at the doors opening into conditioned spaces, shall be limited by the following construction requirements:

   2.1. Door heads, sill and jambs shall have seals, astragals or baffles.

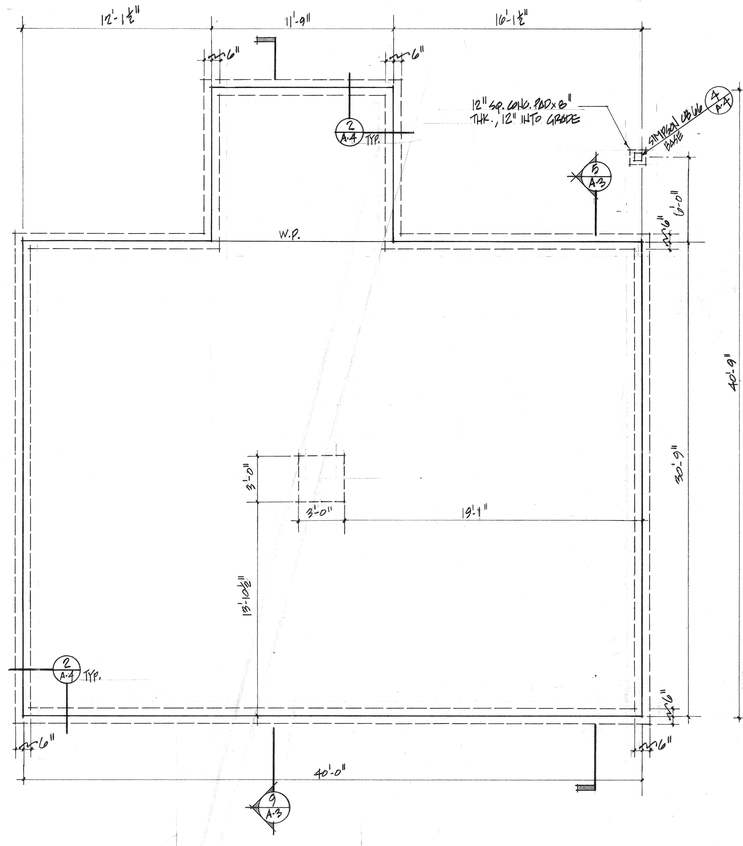
   2.2. A minimum one-inch lap shall be provided at door jambs.

   2.4. A continuous seal or baffle shall be installed at each door jamb for doors mounted between jambs.

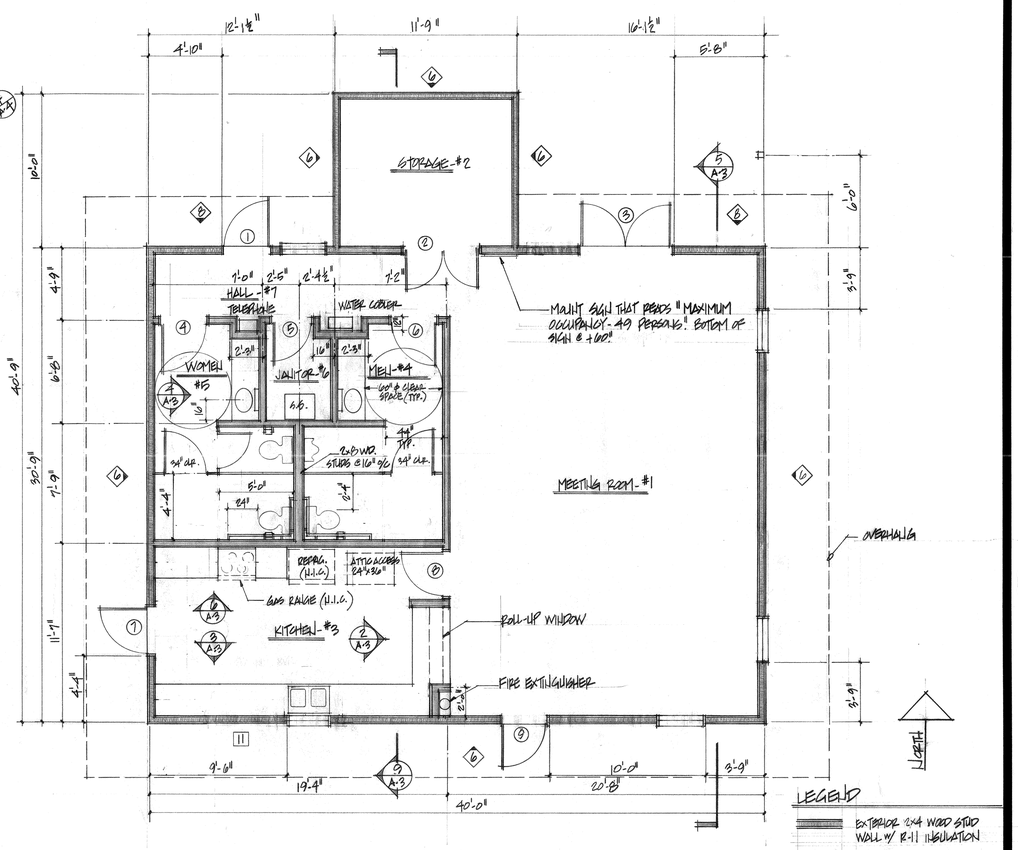
   2.6. Weather-tight astragal or closure shall be installed at center for double doors.

   2.7. Weather stripping shall be provided on swinging and revolving doors.

   2.9. All open joints in the building exterior around conditioned spaces shall be sealed, caulked, gasketed or weatherstripped.



FOUNDATION PLAN
¼"=1'-0"



FLOOR PLAN
¼"=1'-0"

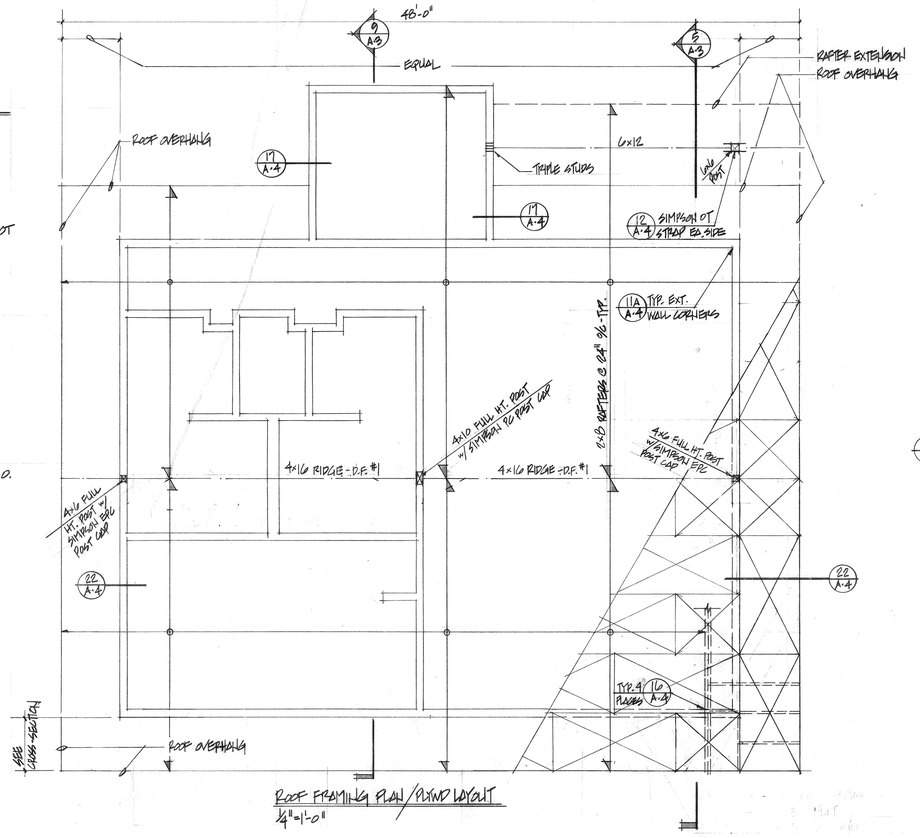
LEGEND
- EXTERIOR 2x4 WOOD STUD WALL W/ R-11 INSULATION
- INTERIOR 2x4 WD. STUD WALL
- ◇ INDICATES SPECIAL SHEAR WALL. SEE NOTE #7, THIS SHT.

NOTES

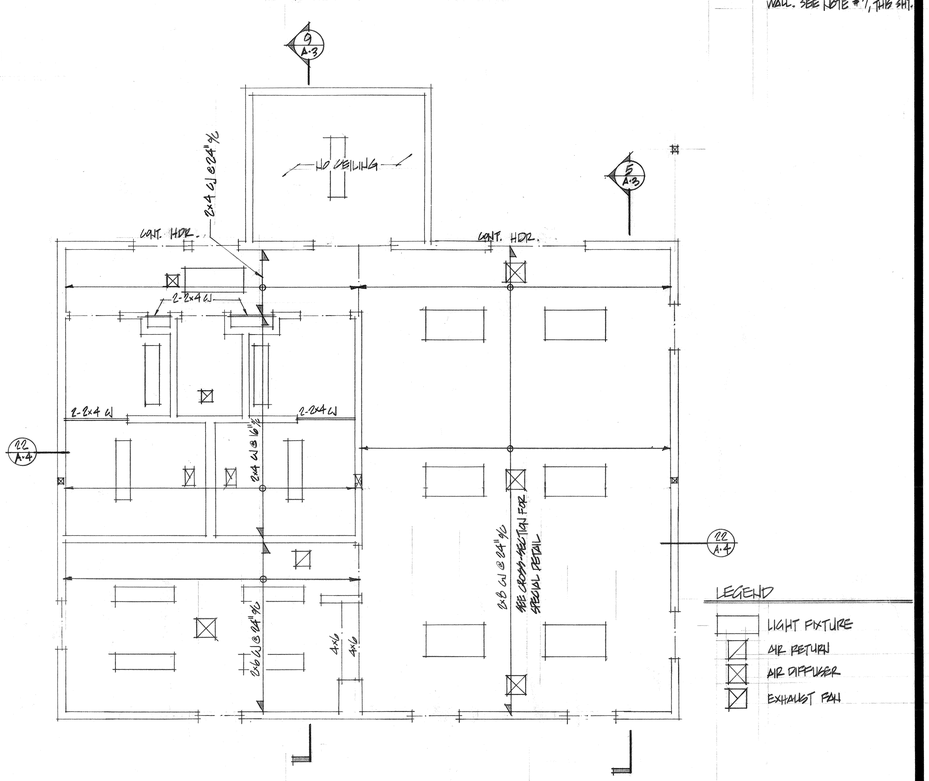
1. SEE SHT. A-1 FOR GENERAL NOTES AND SHT. A-4 FOR TYPICAL DETAILS.
2. ROOF SHTG: ⅜" CDX PLYWD., P.I.: 32/16
   B.N., E.N.: 8d @ 6" o/c
   F.N.: 8d @ 12" o/c
   USE CDX PLYWD. @ EXPOSED EAVES (1/A-4)
3. SEE CROSS-SECTIONS FOR REMAINDER OF DETAIL REFERENCES NOT SHOWN ON PLANS.
4. SLAB-ON-GRADE: 3½" CONCRETE SLAB W/ 6x6/10-10 W.W.M. AT CENTER OF SLAB OVER 2" SAND OVER 6 MIL VISQUEEN OVER COMPACTED EARTH.
5. W.P. = WEAKENED PLANE (2"x4" STRIP OR SAWCUT)
6.

HEADER SCHEDULE	
OPENING	HEADER SIZE
4'-0"	4x4
6'-0"	4x6
8'-0"	4x8

7. ◇ INDICATES SPECIAL SHEAR WALL. SEE (6/A-4) FOR SCHEDULE. ALL SHEAR WALLS APPLY FULL HEIGHT AND FULL LENGTH U.N.O. THE FOLLOWING TYPES WERE USED:
   LATH - (6) (8)
8. SEE (3/A-4) FOR TYPICAL INTERIOR WALL TO SLAB ANCHORAGE.
9. SPLICE TOP PLATES OF EXTERIOR WALLS ONLY PER (10/A-4).
10. ◄——► INDICATES DIRECTION OF RAFTERS.



ROOF FRAMING PLAN/PLYWD LAYOUT
¼"=1'-0"



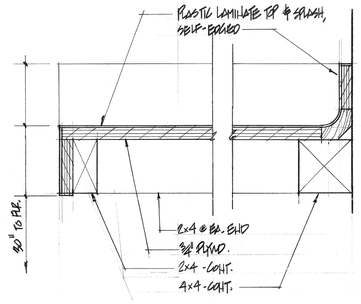
CEILING FRAMING PLAN/REFLECTED CEILING PLAN
¼"=1'-0"

LEGEND
- LIGHT FIXTURE
- AIR RETURN
- AIR DIFFUSER
- EXHAUST FAN

PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE
LINCOLN PARK: SENIOR CITIZENS BUILDING - PLANS

date 11·17·78
revised
sheet no. A-2

P-130-8



1 — RESTROOM COUNTER DETAIL
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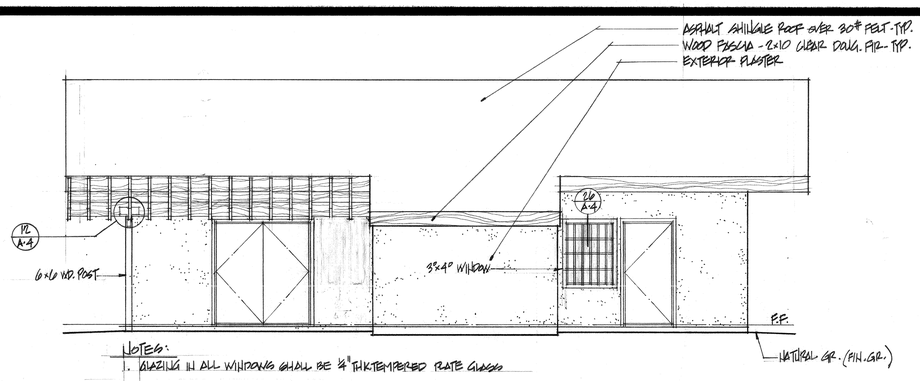
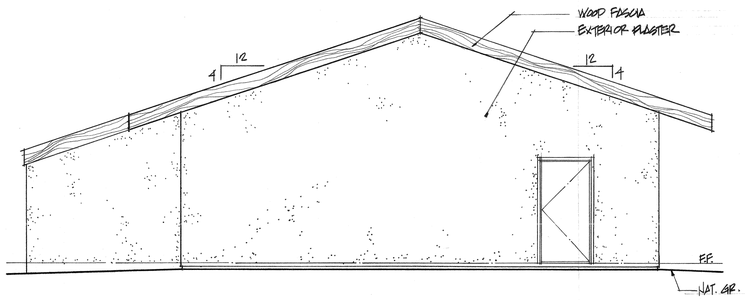


NOTES:
1. GLAZING IN ALL WINDOWS SHALL BE ¼" THK TEMPERED PLATE GLASS

NORTH ELEVATION
¼" = 1'-0"



WEST ELEVATION
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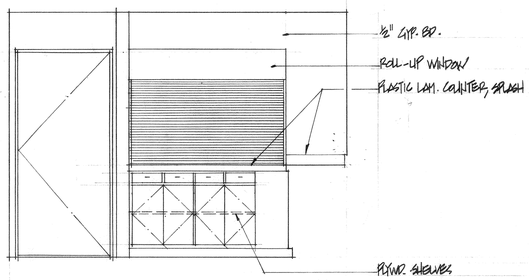
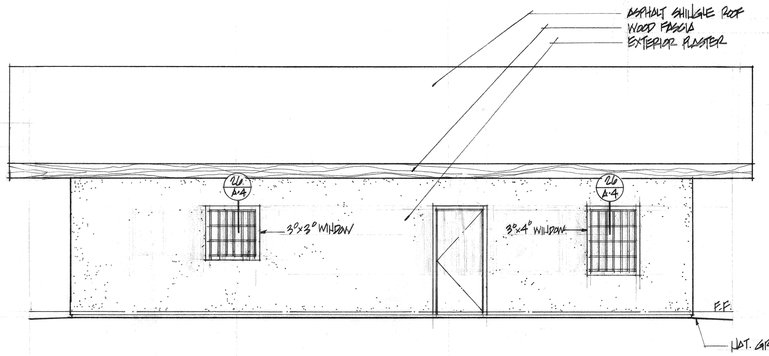
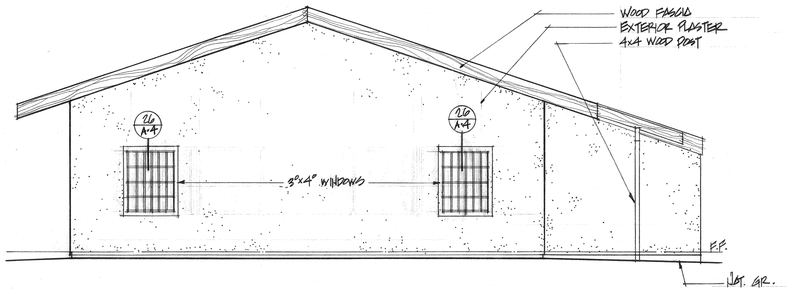


2 — KITCHEN ELEVATION



SOUTH ELEVATION
¼" = 1'-0"



EAST ELEVATION
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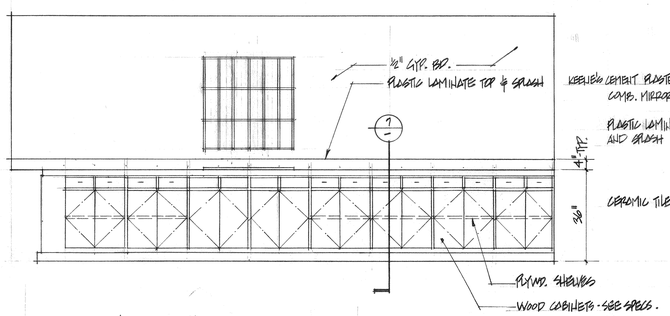
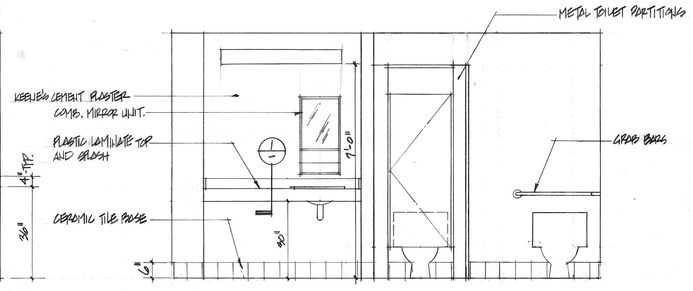
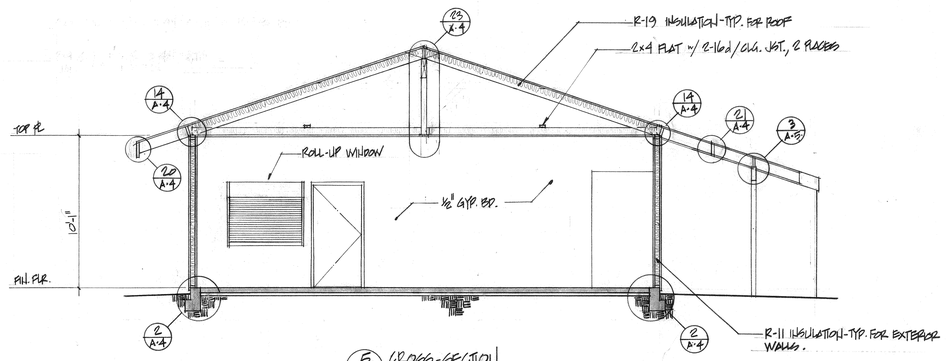


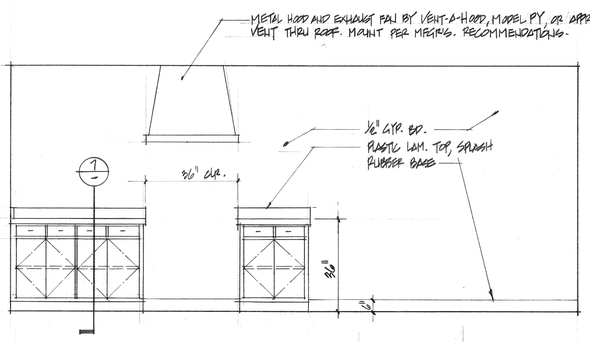
5 — KITCHEN ELEVATION
½" = 1'-0"



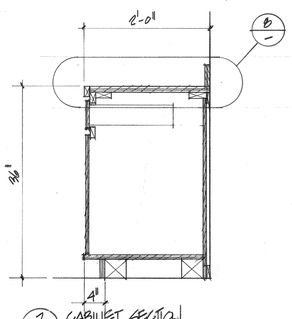
4 — WOMEN'S RESTROOM ELEVATION
½" = 1'-0"



5 — CROSS-SECTION
¼" = 1'-0"



6 — KITCHEN ELEVATION
½" = 1'-0"



7 — CABINET SECTION
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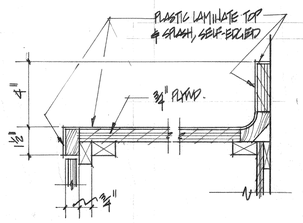
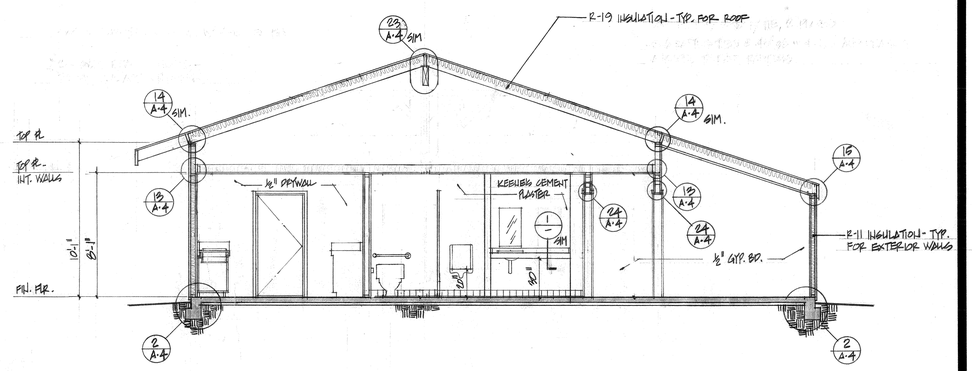


8 — CABINET COUNTER DETAIL
NO SCALE



9 — CROSS-SECTION
¼" = 1'-0"

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PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE

LINCOLN PARK : SENIOR CITIZENS CENTER — ELEVATIONS, SECTIONS

date
11-17-78

revised

sheet no.
A-3

P-1303-9

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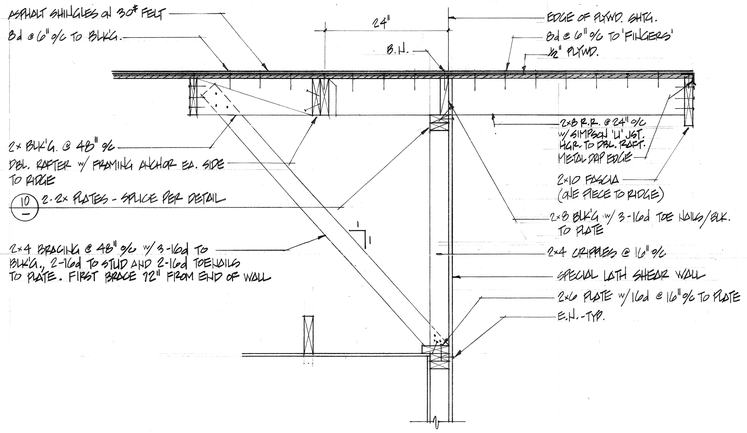
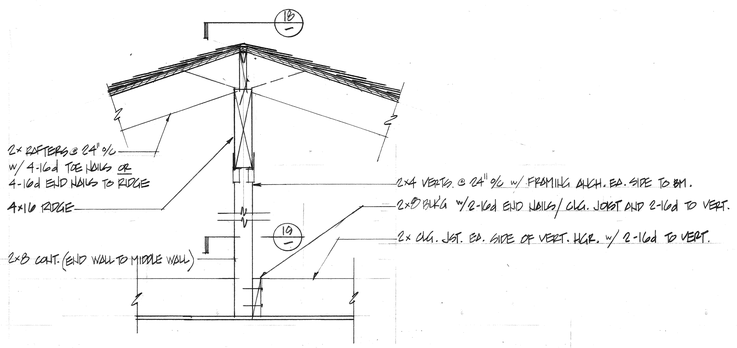
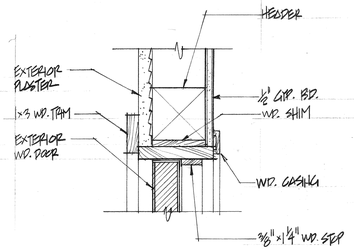


12 — ROOF FRAMING DETAIL
1"=1'-0"

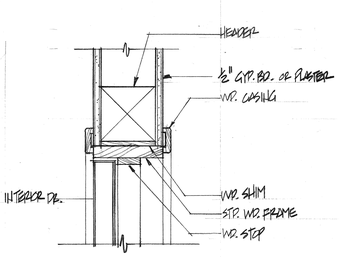


NOTE: SEE CROSS-SECTIONS FOR REMAINDER OF FRAMING, NOTES, DETAILS.

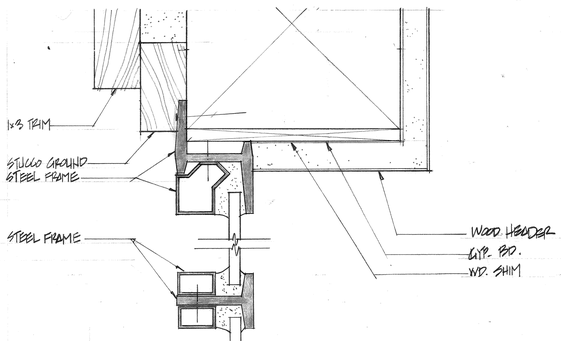
23 — ROOF FRAMING DETAIL
1"=1'-0"



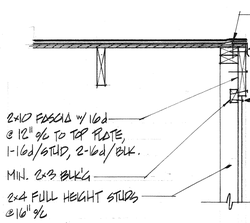
25 — EXTERIOR DOOR HEAD (JAMB SIM.)
NO SCALE



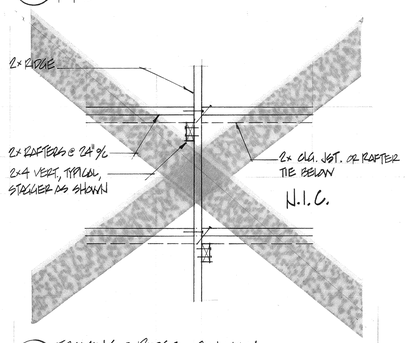
24 — INTERIOR DOOR HEAD (JAMB SIM.)
NO SCALE



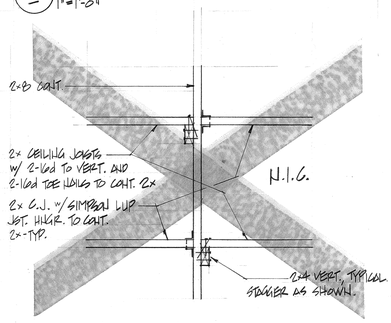
26 — STEEL WINDOW FRAME - HEAD AND MULLION (JAMBS & SILL SIMILAR TO HEAD)
FULL SCALE



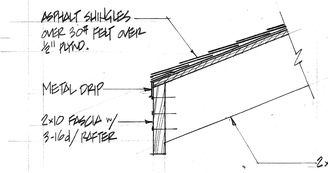
17 — ROOF FRAMING DETAIL
1"=1'-0"



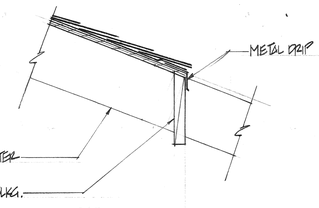
18 — FRAMING @ RIDGE - PLAN VIEW
1"=1'-0"



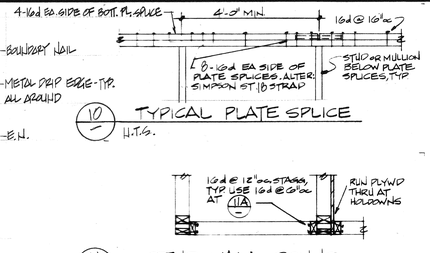
19 — FRAMING @ CEILING - PLAN VIEW
1"=1'-0"



20 — ROOF EAVE DETAIL
N.T.S.

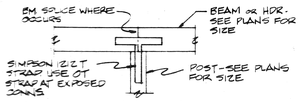


21 — ROOF EDGE DETAIL
N.T.S.

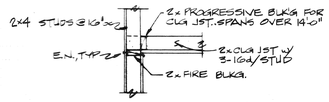


10 — TYPICAL PLATE SPLICE
N.T.S.

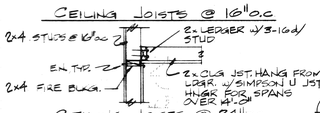
11 — STUD WALL CONNS.
N.T.S.



12 — BEAM/POST CONNECTION
N.T.S.

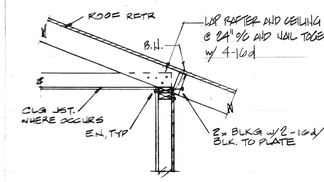


CEILING JOISTS @ 16" O.C

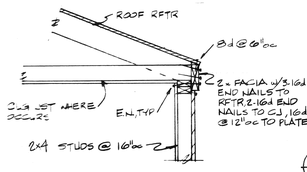


CEILING JOISTS @ 24" o/c

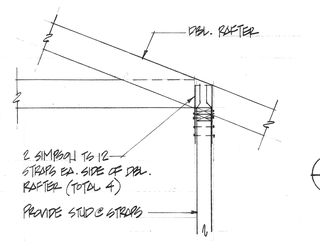
13 — CEILING JOISTS TO BALLOON FRAME WALL
N.T.S.



14 — ROOF RAFTER TO EXTERIOR WALL CONNECTION
N.T.S.



18 — ROOF RAFTER TO EXTERIOR WALL CONNECTION
N.T.S.



16 — ROOF FRAMING DETAIL
N.T.S.

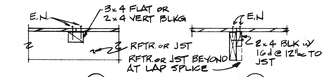
SHEAR WALL SCHEDULE		
MK.	MATERIAL	NAILING
1	½" G.W.B	5d @ 7" o/c E.N., F.N
2	½" G.W.B	5d @ 4" o/c E.N., F.N.
3	⅝" G.W.B	6d @ 4" o.c E.N., F.N
4	½" G.W.B *	5d @ 4" o.c E.N., F.N
5	⅝" G.W.B *	6d @ 4" o.c. E.N., F.N
6	⅞" PLASTER w/ LATH	16 GA. x 1½" STAPLES @ 6" o.c. E.N., F.N
7	⅜" CDX PLYWD. * P.L. : 32/16	8d @ 6" o.c E.N 8d @ 12" o.c F.N
8	⅞" PLASTER w/ LATH	16 GA. x 1½" STAPLES @ 3" o.c E.N 16 GA x 1½" STAPLES @ 6" o.c F.N
9	⅜" CDX PLYWD * P.L. : 32/16	8d @ 4" o.c. E.N 8d @ 12" o.c F.N
10	⅜" CDX PLYWD * P.L. : 32/16	8d @ 3" o.c E.N 8d @ 12" o.c F.N
11	⅜" CDX PLYWD * P.L. : 32/16	8d @ 2" o.c E.N 8d @ 12" o.c F.N
12		
13		
14		

* BLOCK ALL EDGES

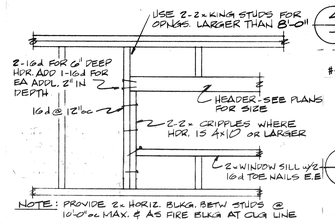
NOTES:
1. WHEN APPLYING G.W.B. STAGGER END JOINTS OF ADJACENT COURSES.
2. NAILS FOR PLYWD TO BE COMMON OR GALV. BOX
3. NAILING AND STAPLING APPLIES AT ALL STUDS, PLATES & BLOCKING
4. WHERE SHEEP SCREEDS OCCUR 8d GALV BOX NAILS MAY BE SUBSTITUTED FOR 16 GA STAPLES
5. PROVIDE E.N TO STUDS OR POSTS AT HOLDOWN LOCATIONS
6. USE 2-STUDS @ 16" o.c AT ALL SHEAR WALLS U.N.O.
7. LATH SHALL BE WELDED OR WOVEN WIRE LATH, SUCH AS DAVIS WALKER 'PRE-FURRED PAPERBACK STUCCO NETTING' OR 'K-LATH'.
8. SEE PLANS & DETAILS FOR SPECIAL ANCHOR BOLTING

6 — SHEAR WALL SCHEDULE
NO SCALE

NOTES:
1. RUN LONG DIMENSION OF PLYWOOD ACROSS (PERPENDICULAR TO) JOISTS AND RAFTERS
2. STAGGER END JOINTS 2'-0" MIN AS SHOWN
3. BOUNDARY NAILING APPLIES TO PERIMETER PLATE LINES, GIRDERS, TIES AND AS CALLED FOR ON THE DRAWINGS.
4. SEE PLANS FOR NAILING
5. NAILS SHALL HAVE MIN ⅜" EDGE DISTANCE.
6. ALL JOISTS AND RFTRS SHALL BE LAID OUT IN A 4'-0" MODULE TO COINCIDE w/ PLYWD PATTERN
7. USE TONGUE-AND-GROOVE PLYWOOD AT FLOORS UNLESS NOTED OTHERWISE
8. SEE DET. (B) FOR FRMG WHERE PLYWD JOINTS ARE OFFSET DUE TO RFTR OR JST. LAP SPLICES.



7 — PLYWOOD DETAIL
N.T.S.

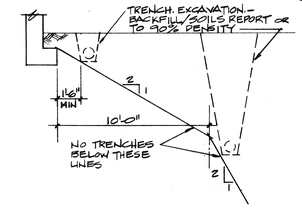


NOTE: PROVIDE 2x HORIZ. BLKG. BETW STUDS @ 10'-0" o.c. MAX. & AS FIRE BLKG AT CLG LINE

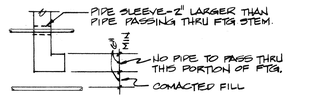
8 — TYPICAL FRAMING AT STUD WALL OPENING
N.T.S.

USE THIS DETAIL WHERE CALLED FOR AND AT ALL BEAMS

9 — NOTCHING DETAIL
N.T.S.

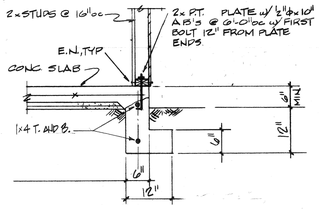


PARALLEL to FOOTINGS



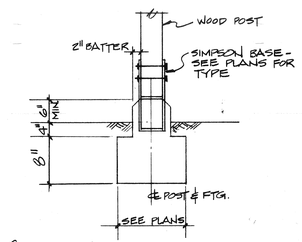
PERPENDICULAR to FOOTINGS

1 — TRENCH DETAIL
N.T.S.

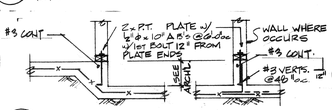


2 — TYPICAL EXTERIOR FOOTING
N.T.S.

3 — TYPICAL INTERIOR NON-BEARING WALL ANCHORAGE
N.T.S.



4 — POST FOOTING DETAIL
N.T.S.



5 — SLAB DEPRESSIONS AND CURBS
N.T.S.

recreation systems incorporated
landscape architecture
park and environmental planning
2500 east nutwood ave · fullerton ca 714/879-6373

PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE
LINCOLN PARK - SENIOR CITIZENS' BLDG. - MISC. DETAILS

date 11-17-98
revised
sheet no. A-4

P-130-10

STATE PROJ. NO. 33-0012

FINISH SCHEDULE — LINCOLN SENIOR'S BLDG.

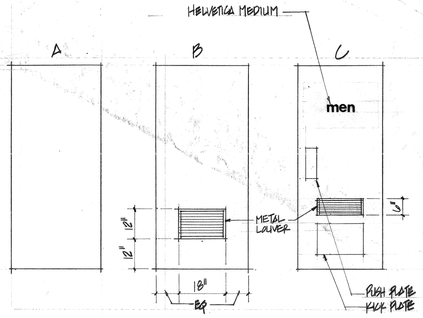
ROOM NO.	ROOM DESCRIPTION	FLOOR	BASE	WALLS NORTH	WALLS SOUTH	WALLS EAST	WALLS WEST	CEILING	REMARKS
#1	MEETING ROOM	1	3	4,6	4,6	4,6	4,6	4,6	
#2	STORAGE RM.	1	3	4,6	4,6	4,6	4,6	4,6	
#3	KITCHEN	1	3	4,7	4,7	4,7	4,7	4,7	
#4	MEN	2	2	5,8	5,8	5,8	5,8	5,8	
#5	WOMEN	2	2	5,8	5,8	5,8	5,8	5,8	
#6	JANITOR	1	3	4,7	4,7	4,7	4,7	4,7	
#7	HALL	1	3	4,6	4,6	4,6	4,6	4,6	

LEGEND

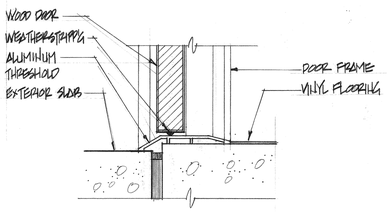
1. VINYL ASBESTOS TILE (VAT)
2. CERAMIC TILE
3. RUBBER
4. ½" GYPSUM BOARD
5. KEENE'S CEMENT PLASTER
6. FLAT PAINT
7. GLOSS PAINT
8. GLOSS EPOXY PAINT

DOOR SCHEDULE — LINCOLN SENIOR'S BLDG.

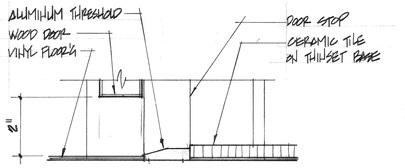
NO.	WIDTH	HEIGHT	THICKN.	HOLLOW/SOLID CORE	MATERIAL	TYPE	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	CLOSER	KICKPLATE, PR. PUSH/PULL	REMARKS
1	3'0"	6'0"	1 3/4"	SC	WOOD	A	2/A-4	2/A-4 SIM	1/-			
2 (PAIR)	2'0"	6'0"	1 3/8"	SC		B	1/A-4	2/A-4 SIM				
3 (PAIR)	3'0"	6'0"	1 3/4"	SC		A	2/A-4	2/A-4 SIM	1/-			
4	3'0"	6'0"	1 3/8"	SC		C SIM.	2/A-4	2/A-4 SIM	2/-	●	●	STENCIL 'WOMEN' ON DOOR IN WHITE ENAMEL
5	2'0"	6'0"	1 3/8"	SC		B	2/A-4	2/A-4 SIM				
6	3'0"	6'0"	1 3/8"	SC	↓	C	2/A-4	2/A-4 SIM	2/-	●	●	STENCIL 'MEN' ON DOOR IN WHITE ENAMEL PAINT
7	3'0"	6'0"	1 3/4"	SC	WOOD	A	2/A-4	2/A-4 SIM	1/-			
8	3'0"	6'0"	1 3/8"	SC	WOOD	A	1/A-4	2/A-4 SIM				
9	3'0"	6'0"	1 3/4"	SC	WOOD	A	2/A-4	2/A-4 SIM	1/-			



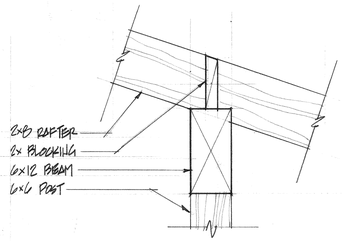
DOOR TYPES



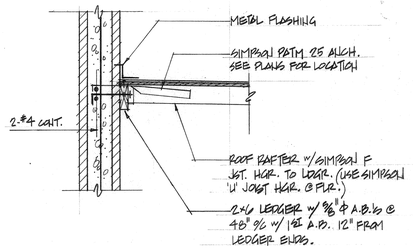
1/- EXTERIOR DOOR THRESHOLD - LINCOLN BLDG.
NTS



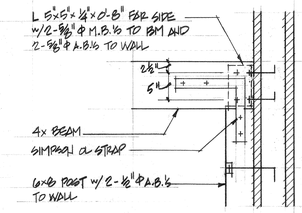
2/- INTERIOR DOOR THRESHOLD - LINCOLN BLDG.
NTS



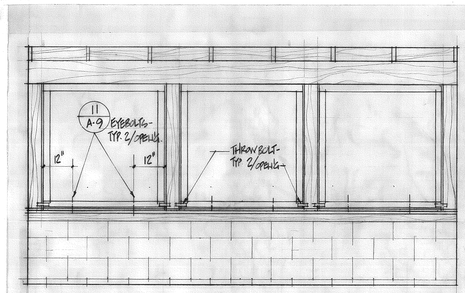
3/- BEAM DETAIL - LINCOLN BLDG.
NTS



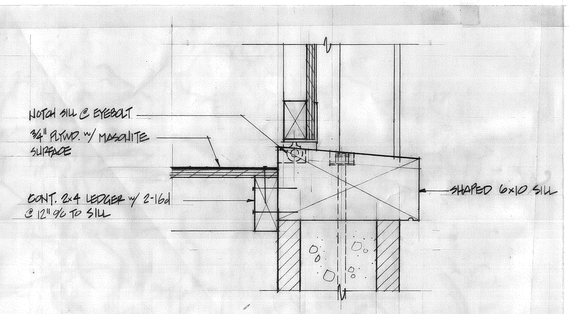
4/- ROOF FRAMING - LA SIERRA SCOREKEEPERS BOOTH
NTS



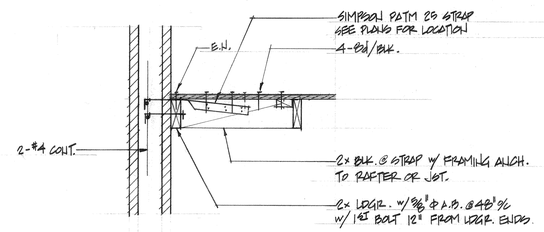
5/- WALL/HEADER CONNECTION - LA SIERRA SCOREKEEPERS B.
NTS



5/- INTERIOR ELEVATION - LA SIERRA SCOREKEEPERS BOOTH
½"=1'-0"



6/- WOOD SILL - LA SIERRA SCOREKEEPERS BOOTH
NTS



7/- WALL/FLOOR CONNECTION - LA SIERRA SCOREKEEPERS BOOTH
NTS

recreation systems incorporated
landscape architecture
park and environmental planning
2500 east nutwood ave · fullerton ca 714/879-6373

PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE

LINCOLN PARK RESTROOM BLDG. - HARRISON PARK RESTROOM; LA SIERRA SCOREKEEPERS BOOTH - DEL

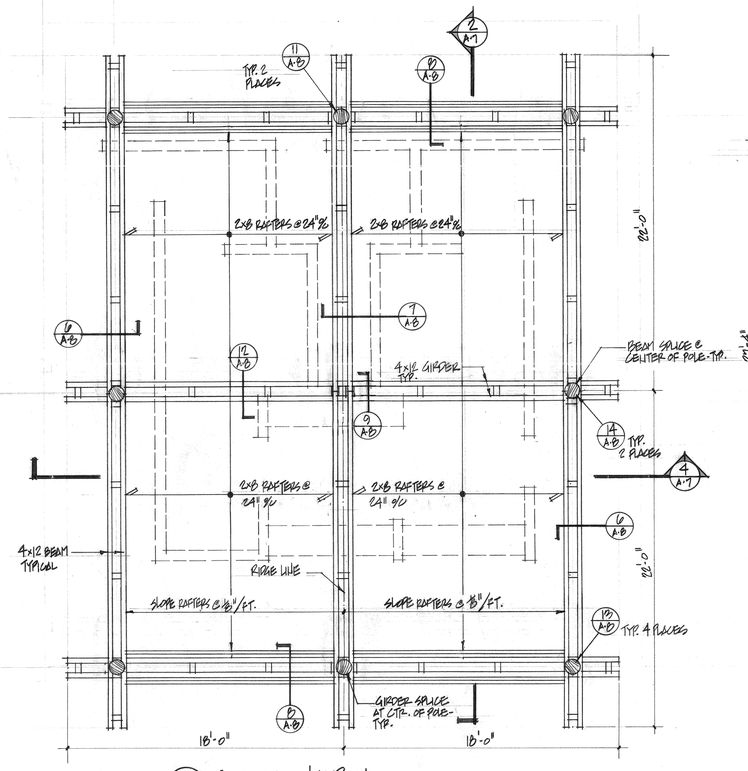
date 11-17-78

revised

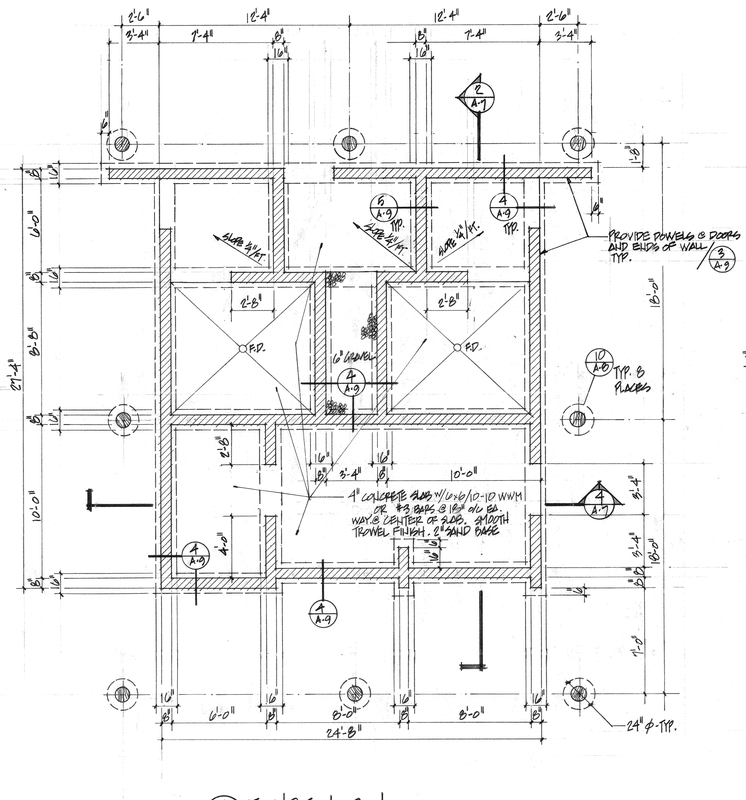
sheet no. A-5

P-130-1

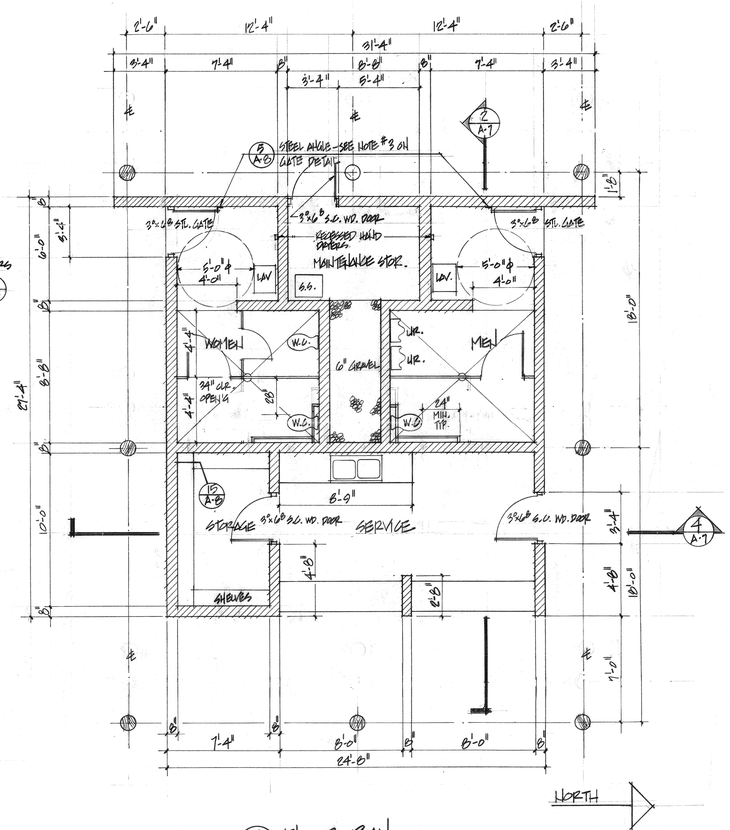
STATE PROJ. NO. 33-0012



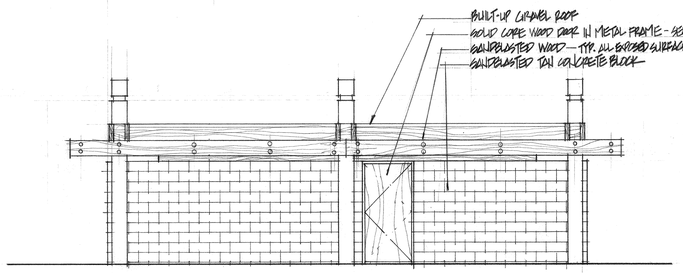
1 — ROOF FRAMING PLAN
1/4" = 1'-0"



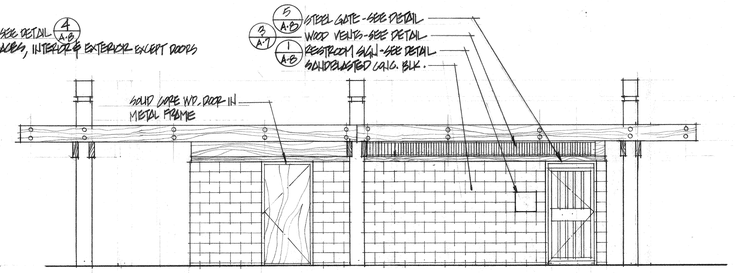
2 — FOUNDATION PLAN
1/4" = 1'-0"



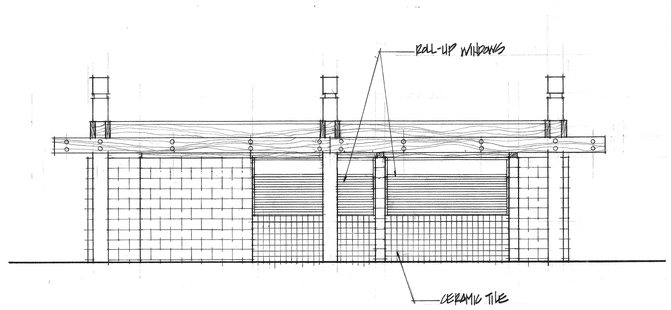
3 — FLOOR PLAN
1/4" = 1'-0"



4 — WEST ELEVATION
1/4" = 1'-0"



5 — NORTH ELEVATION (SOUTH ELEV. SIMILAR)
1/4" = 1'-0"



6 — EAST ELEVATION
1/4" = 1'-0"

STRUCTURAL NOTES:

1. SEE SHEET A-1 FOR GENERAL NOTES AND SHT. A-9 FOR TYPICAL DETAILS (DETAILS 1, 2, 3, 6, 7).
2. ⟶ INDICATES DIRECTION OF ROOF RAFTERS.
3. ROOF SHEETING: ½" CX PLYWD, P.I. 32/16
   B.N.: 8d @ 4" o/c
   E.N.: 8d @ 6" o/c
   F.N.: 8d @ 12" o/c (7/A-4)
4. ALL CMU. BLOCK SHALL BE 8" THICK AND REINFORCED W/ #4 VERT. @ 24" o/c. SEE SECTION (2/A-9) FOR TYPICAL HORIZ. REINF. GROUT SOLID ALL CELLS CONTAINING REBAR. REINFORCE AROUND OPENINGS (3/A-9)
5. ALL WOOD POLES SHALL HAVE A MINIMUM BUTT DIAMETER OF 12 INCHES.
6. ALL BEAMS AND GIRDERS TO BEAR ON TOP PLATE OF BLOCK WALL BUT SHALL NOT BE ATTACHED (I.E. NAILED, BOLTED, ETC.) TO TOP PLATE U.N.O.
7. ALL EXPOSED BOLTED CONNECTIONS SHALL HAVE MALLEABLE IRON WASHERS UNDER HEAD AND NUT.
8. SLOPE SLAB-ON-GRADE TO FLOOR DRAINS AS SHOWN ON PLANS (MIN. SLOPE ⅛"/FT.)
9. SEE SOILS REPORT BY SLOSSEN ENGINEERING, FILE NO. 444-8141 DATED SEPT. 6, 1978.

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PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE

LA SIERRA PARK: RESTROOM BLDG. - PLANS, ELEVATIONS

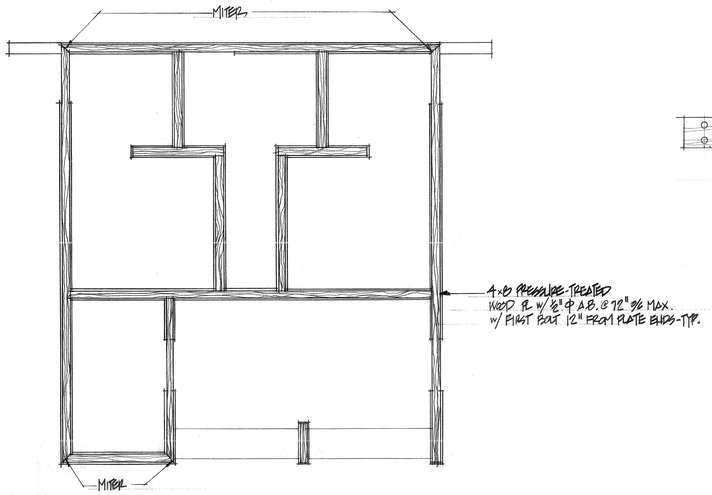
date 11-17-78

revised

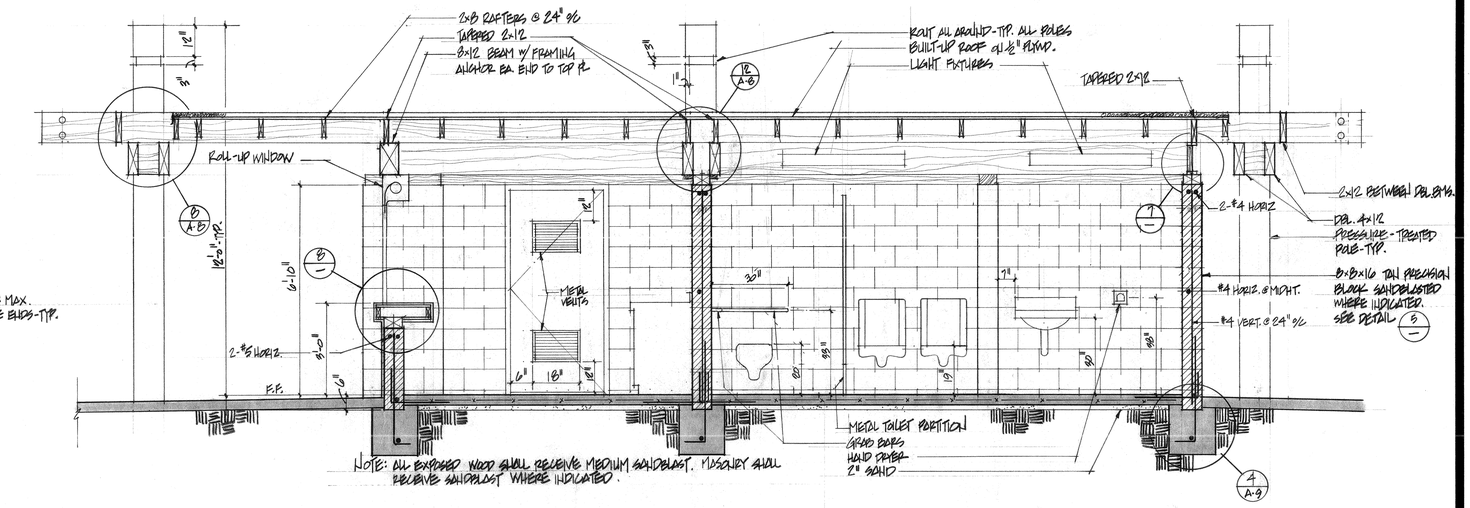
sheet no. A-6

-P-12830-

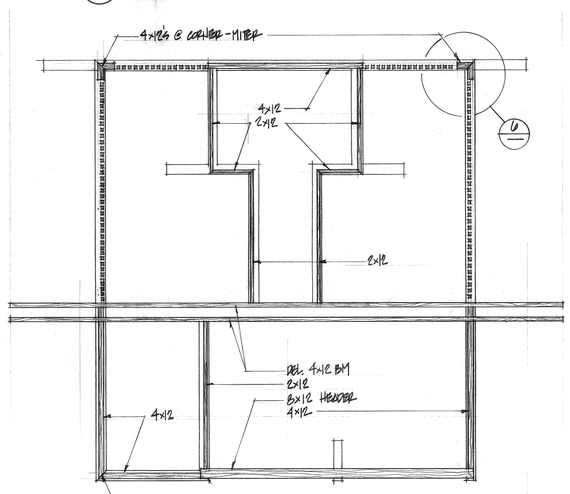
STATE PROJ. NO. 33-0012



1 4x8 WOOD PL LAYOUT
NO SCALE

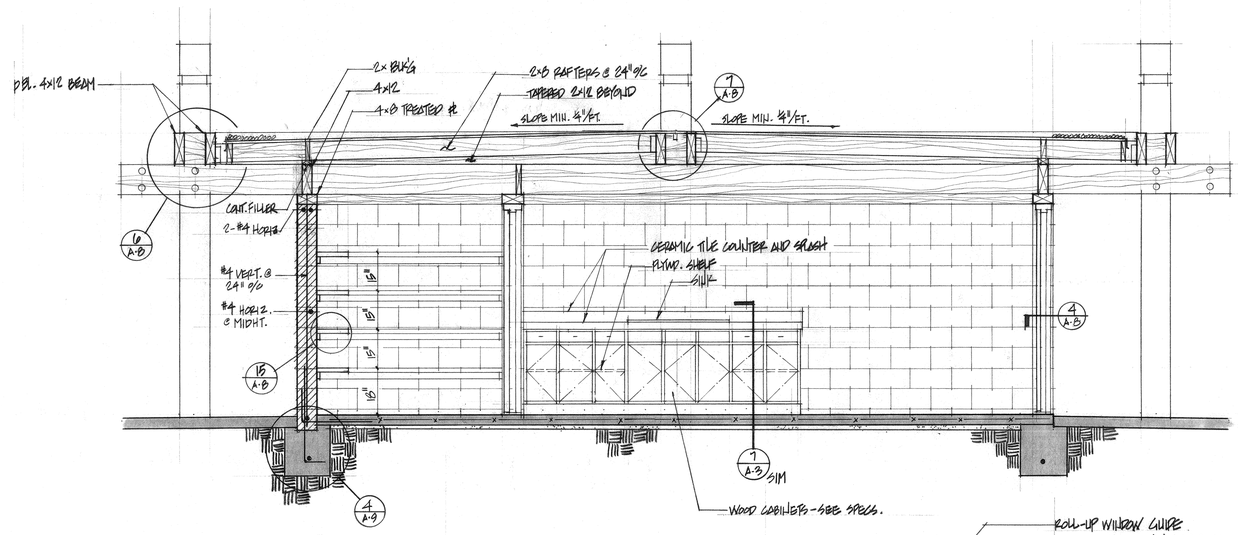


2 CROSS-SECTION
½"=1'-0"



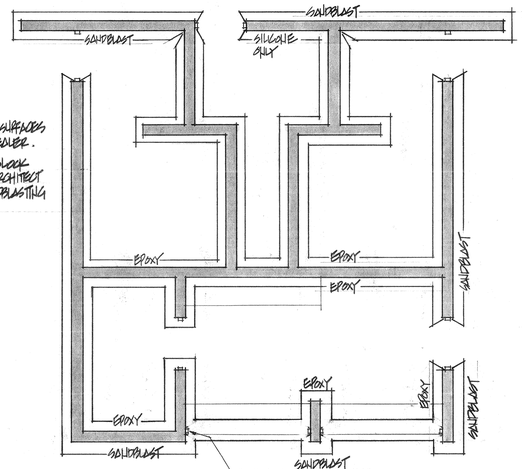
NOTE: 4x8 WD. PL UNDER. SEE DETAIL ABOVE FOR LAYOUT

3 WOOD FILLER AND VENT LAYOUT
NO SCALE



4 CROSS-SECTION
½"=1'-0"

NOTES:
1. ALL SANDBLASTED MASONRY SURFACES SHALL RECEIVE SILICONE SEALER.
2. SAMPLE OF SANDBLASTED BLOCK SHALL BE SUBMITTED TO ARCHITECT FOR APPROVAL PRIOR TO SANDBLASTING OPERATION.



5 FINISH SCHEDULE
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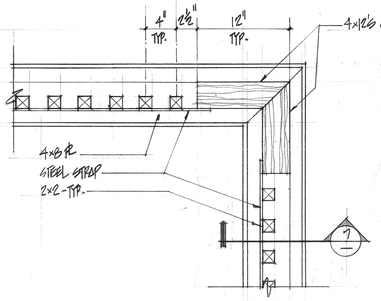
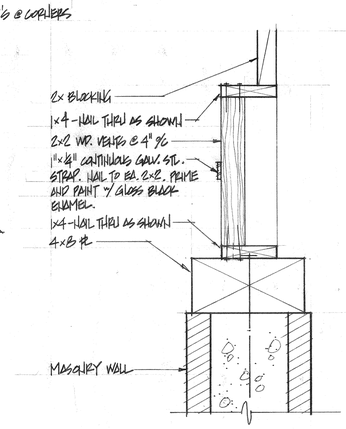
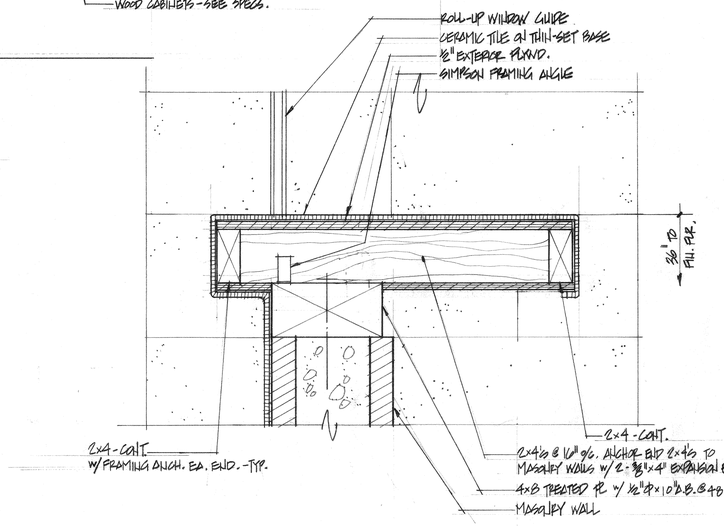


6 DETAIL-WOOD VENT LAYOUT
1½"=1'-0"



7 SECTION-WOOD VENT
3"=1'-0"



8 COUNTER DETAIL
3"=1'-0"

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PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE
LA SIERRA PARK - RESTROOM BLDG. - SECTIONS, MISC. DETAILS

date
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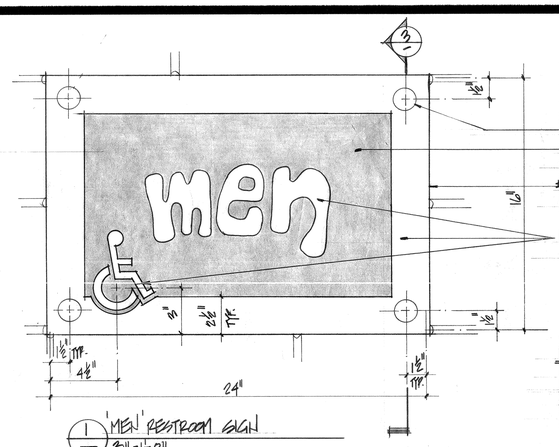
A-7

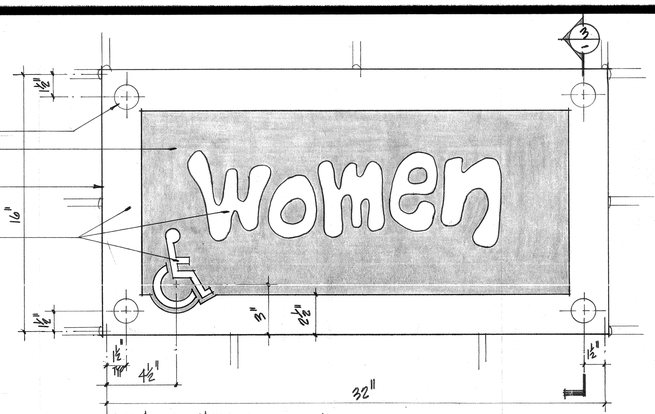
P-128-181

STATE PROJ. NO. 33-0012

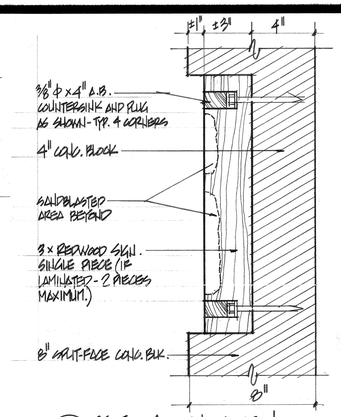


1/— 'MEN' RESTROOM SIGN
3/4" = 1'-0"

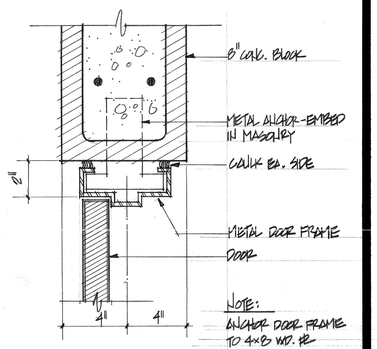
NOTE:
CONTRACTOR SHALL SUBMIT COPY OF FINAL SANDBLASTING TEMPLATE TO CONSULTANT FOR APPROVAL BEFORE SANDBLASTING.



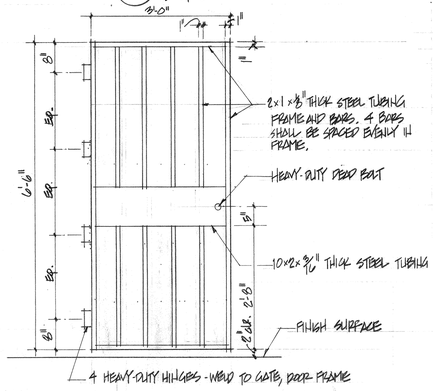
2/— 'WOMEN' RESTROOM SIGN
3/4" = 1'-0"

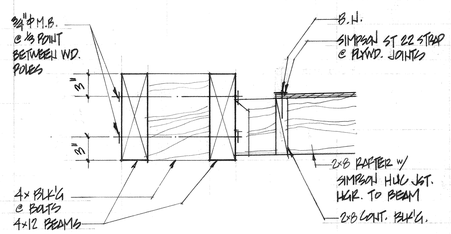


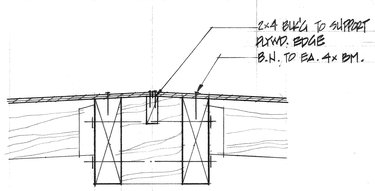
3/— RESTROOM SIGN - SECTION
3/4" = 1'-0"



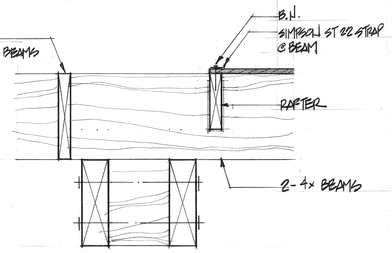
4/— SECTION @ DOOR JAMB
3/4" = 1'-0"



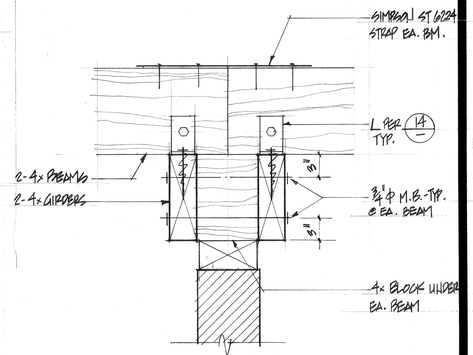




FOR REMAINDER OF NOTES SEE 6/—

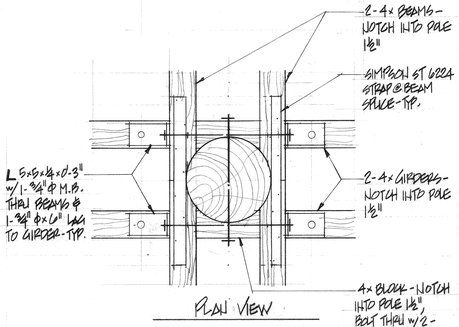


FOR REMAINDER OF NOTES SEE DETAIL 6/—

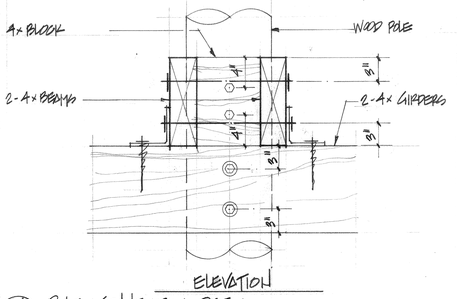


NOTES:
1. SHOP DRAWINGS REQ'D.
2. GATE SHALL BE WELDED, HOT-DIP GALVANIZED, AND PAINTED W/ 2 COATS OF GLOSS BLACK ENAMEL.
3. FASTEN 4" x 3" x 3/8" ST. ANGLE TO MASONRY WALL W/ CENTER @ HEIGHT OF DEADBOLT SO GATE CAN BE LOCKED OPEN. FASTEN W/ 2 - 3/8" ϕ x 4" ANCHOR BOLTS. GALVANIZE, PRIME AND PAINT TO MATCH GATE. SEE FLOOR PLAN FOR APPROX. LOCATION.

5/— STEEL GATE DETAIL
3/4" = 1'-0"



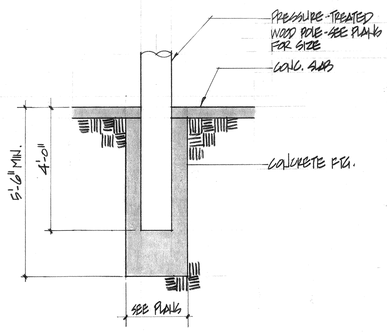
PLAN VIEW



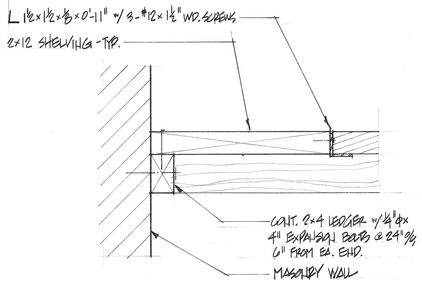
ELEVATION

14/— POLE CONNECTION DETAIL
1 1/2" = 1'-0"

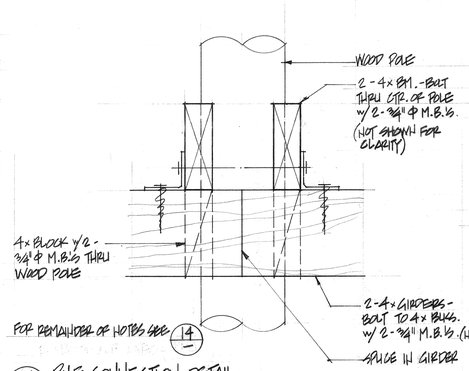
6/— ROOF FRAMING DETAIL
1 1/2" = 1'-0"



10/— POLE FOOTING DETAIL
NO SCALE



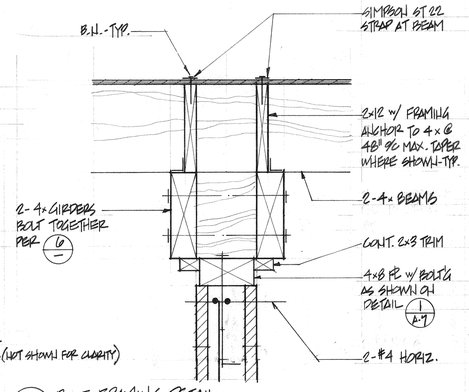
15/— SHELF DETAIL
NO SCALE



FOR REMAINDER OF NOTES SEE 14/—

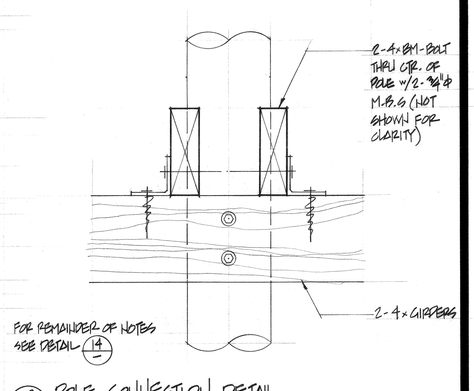
11/— POLE CONNECTION DETAIL
1 1/2" = 1'-0"

7/— ROOF FRAMING DETAIL
1 1/2" = 1'-0"



12/— ROOF FRAMING DETAIL
1 1/2" = 1'-0"

8/— ROOF FRAMING DETAIL
1 1/2" = 1'-0"



13/— POLE CONNECTION DETAIL
1 1/2" = 1'-0"

9/— ROOF FRAMING DETAIL
1 1/2" = 1'-0"

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PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE
LA SIERRA PARK: RESTROOM BLDG - MISC. DETAILS

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revised
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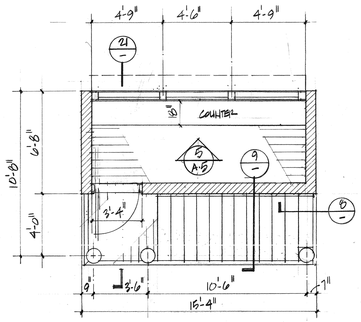
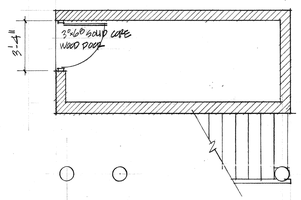
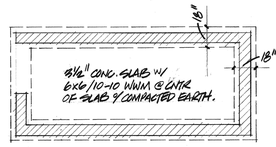


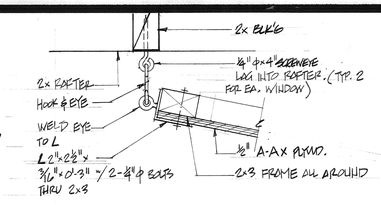
19 FLOOR PLAN - SECOND FLOOR
1/4" = 1'-0"



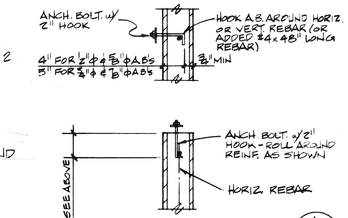
17 FLOOR PLAN - FIRST FLOOR
1/4" = 1'-0"



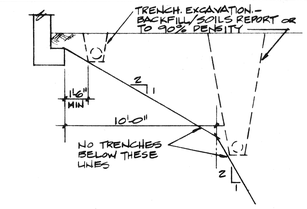
4 FOUNDATION PLAN
1/4" = 1'-0"



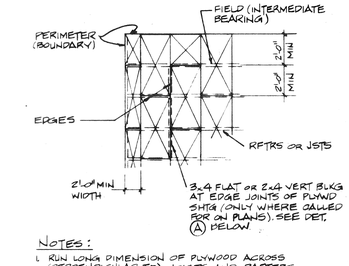
11 WINDOW DETAIL



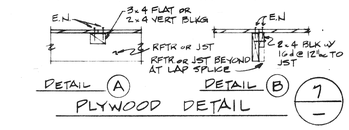
TYP. A.B. IN MASONRY WALL 6



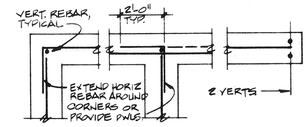
PERPENDICULAR to FOOTINGS
TRENCH DETAIL 1



NOTES:
1. RUN LONG DIMENSION OF PLYWOOD ACROSS (PERPENDICULAR TO) JOISTS AND RAFTERS
2. STAGGER END JOINTS 2'-0" MIN AS SHOWN
3. BOUNDARY NAILING APPLIES TO PERIMETER PLATE LINES, SHORTS, TIES AND AS CALLED FOR ON THE DRAWINGS.
4. SEE PLANS FOR NAILING
5. NAILS SHALL HAVE MIN 3/8" EDGE DISTANCE.
6. ALL JOISTS AND RFTRS SHALL BE LAID OUT IN A 4'-0" MODULE TO COINCIDE W/ PLYWD PATTERN
7. USE TONGUE-AND-GROOVE PLYWOOD AT FLOORS UNLESS NOTED OTHERWISE
8. SEE DET. (B) FOR FRMG WHERE PLYWD JOINTS ARE OFFSET DUE TO RFTR OR JST LAP SPLICES.

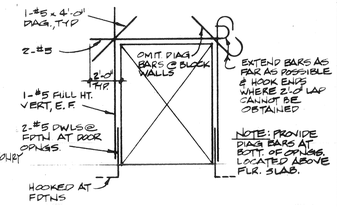


PLYWOOD DETAIL 7

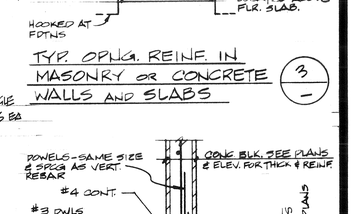


CORNERS INTERSECTIONS ENDS

TYP. REINF. AT FTG. AND WALL CORNERS AND INTERSECTIONS 2



TYP. OPNG. REINF. IN MASONRY OR CONCRETE WALLS AND SLABS 3



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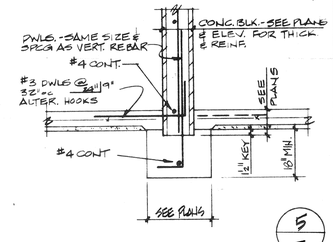

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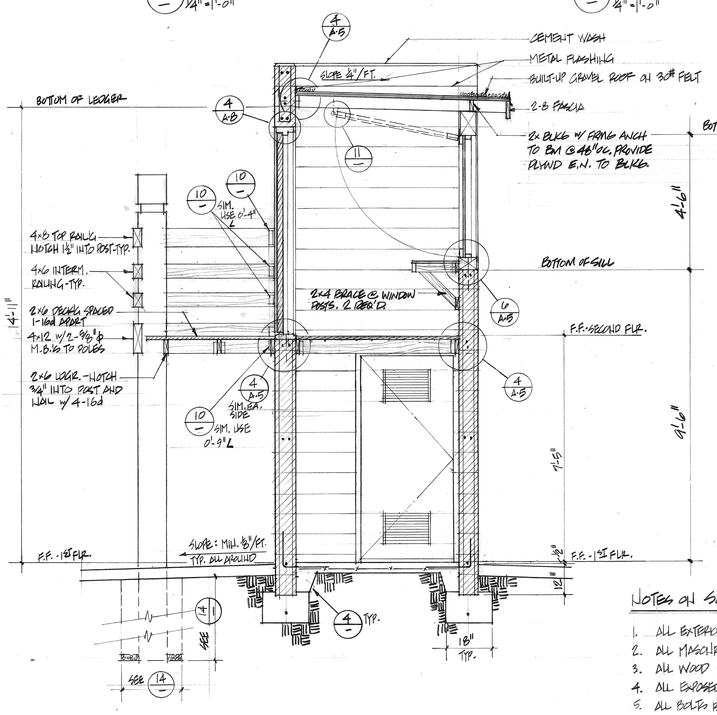


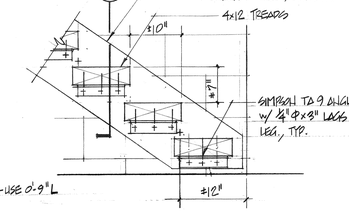
21 CROSS-SECTION
1/2" = 1'-0"

16 FRONT ELEVATION
1/4" = 1'-0"

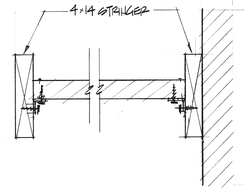
15 REAR ELEVATION
1/4" = 1'-0"

13 SIDE ELEVATION
1/4" = 1'-0"

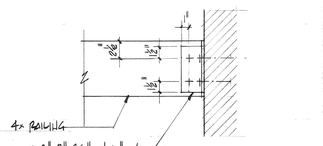
12 SIDE ELEVATION
1/4" = 1'-0"



8 STAIR DETAIL



9 STAIR DETAIL



10 RAILING CONNECTION

NOTES ON SCOREKEEPERS BOOTH — SEE GENERAL NOTES, SHT. A-1

1. ALL EXTERIOR MASONRY AND WOOD EXCEPT DOORS AND WINDOWS SHALL RECEIVE MEDIUM SANDBLAST.
2. ALL MASONRY SHALL RECEIVE SILICONE SEALER.
3. ALL WOOD BEARING ON MASONRY SHALL BE PRESSURE-TREATED.
4. ALL EXPOSED WOOD EXCEPT POLES SHALL BE STAINED.
5. ALL BOLTS BEARING ON WOOD SHALL HAVE MALLEABLE IRON WASHERS.
6. ALL POLES SHALL BE PRESSURED-TREATED.
7. ALL CONCRETE BLOCK SHALL BE 8" THK. AND REINF. W/ #5 VERT. @ 32" o/c AT CENTER OF WALL AND 2-#4 HORIZ. @ 48" o/c. PROVIDE 2-#4 @ LOUVRS. AND 2-#4 AT TOP OF ALL WALLS U.N.O. GROUT SOLID ALL CELLS CONTAINING REBAR, ANCHOR BOLTS, ETC.
8. FOR TYPICAL DETAILS, SEE DETAILS 1, 2, 3, 6 AND 7 THIS SHEET.

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PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE

LA SIERRA PARK - SCOREKEEPERS BOOTH, MISC. STRUCTURAL DETAILS

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sheet no. A-9

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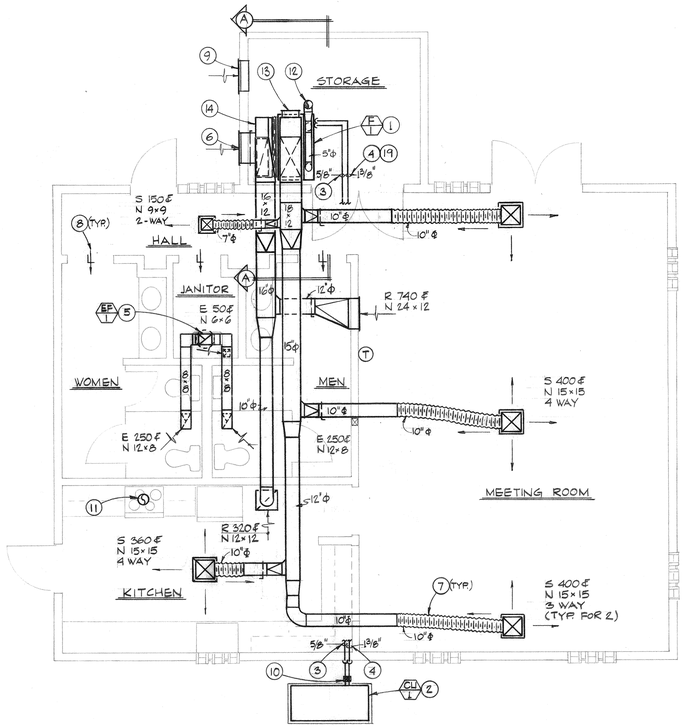
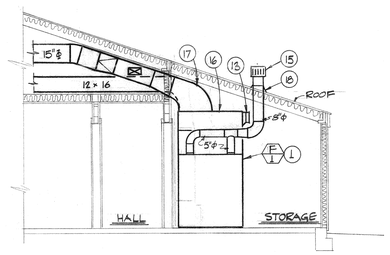


FLOOR PLAN
SCALE 1/4" = 1'-0"
A
M-1



SECTION A-A
SCALE 1/4" = 1'-0"
B
M-1

NORTH

GENERAL NOTES:

1. DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED AS PER SMACNA
2. FLEXIBLE DUCTWORK SHALL BE "GLASS-FLEX" SL181
3. ALL BRANCH DUCTS TO DIFFUSERS AND REGISTERS SHALL HAVE VOLUME DAMPERS
4. SUPPLY DIFFUSERS SHALL BE KRUEGER SERIES SH WITH OBD OR APPROVED EQUAL; RETURN AND EXHAUST REGISTERS SHALL BE KRUEGER SERIES S80H OR APPROVED EQUAL
5. CEILING OUTLETS LOCATIONS SHALL BE COORDINATED WITH ARCHITECTURAL REFLECTED CEILING PLAN
6. DUCT WORK SHALL BE INSULATED AS FOLLOWS:
   a. ALL SUPPLY DUCT WORK IN CONDITIONED SPACES SHALL BE INSULATED WITH R-6 THERMAL INSULATION
   b. ALL SUPPLY AND RETURN DUCT WORK SHALL BE LINED WITH DUCT LINER A MINIMUM OF 25 FEET FROM AC UNIT OUTLETS
7. DUCT SIZES SHOWN ON PLAN ARE NET INSIDE DIMENSIONS. WHERE DUCT LINING IS CALLED FOR INCREASE DUCT SIZES TO MAINTAIN FREE AREA INDICATED
8. OUTSIDE AIR INTAKE SHALL HAVE 1/2" MESH GALVANIZED SCREEN OVER OPENING
9. COORDINATE ALL DUCT WORK AND MECHANICAL EQUIPMENT WITH STRUCTURE, PLUMBING AND ELECTRICAL SYSTEMS. ANY AND ALL CONFLICTS SHALL BE RESOLVED PRIOR TO INSTALLATION.

EQUIPMENT NOTES:

F-1 FORCED AIR GAS FURNACE - LENNOX G81-220V WITH UP-FLO DX EVAPORATOR COIL C2-95V.

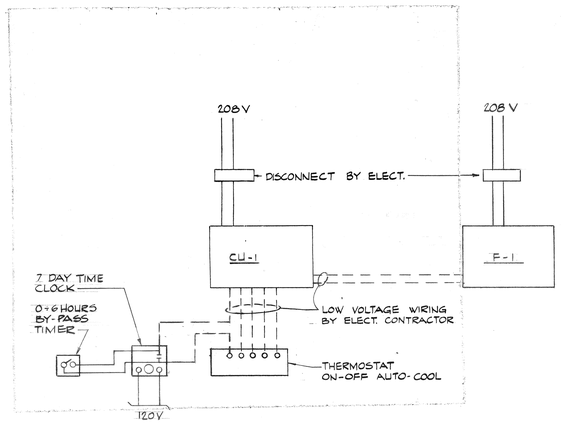
2700 CFM @ o.5" EXT. S.P.; 1" WASHABLE FILTER; BLOWER MOTOR - 1HP, 208/230V, 60Hz, 1Ø; HEATING CAP INPUT = 220 MBH, HEATING CAP OUTPUT = 176 MBH; NET WEIGHT 630 LBS.

CU-1 CONDENSING UNIT - LENNOX HS6-953V. TOTAL COOLING CAPACITY = 92000 Btu/HR MIN ALLOWABLE C.O.P.: 2.5 SENSIBLE CAPACITY = 67160 Btu/HR @102°F AMBIENT AND 67°F WB ENTERING COND. FULL LOAD AMPS = 38.3; 208/230V, 60Hz, 1Ø, NET WEIGHT 675 LBS.

EF-1 CEILING EXHAUST FAN - BREIDERT MODEL SL1011 SIZE 10; DIRECT DRIVE, 550 CFM @ 1/4" S.P. MOTOR HP = 1/15 FAN RPM - 1050, 115V, 60Hz, 1Ø.

CONSTRUCTION NOTES

1. GAS FURNACE FLOOR MOUNTED WITH UP-FLO DX EVAPORATOR COIL
2. OUTDOOR CONDENSING UNIT ON 6" HIGH CONCRETE PAD (BY GENERAL CONTRACTOR)
3. 5/8" LIQUID LINE RUN IN CEILING SPACE
4. 1 3/8" SUCTION LINE RUN IN CEILING SPACE
5. CEILING MOUNTED EXHAUST FAN WITH 10 x 10 DUCT UP THRU ROOF TO WEATHER CAP. PROVIDE SQUARE TO ROUND DUCT TRANSITIONS.
6. 24 x 18 OUTSIDE AIR INTAKE LOUVER WITH MANUAL VOLUME DAMPER, CONNECT TO RETURN PLENUM.
7. FLEXIBLE DUCTWORK
8. 1 SQ. FT. LOUVER
9. 24 x 18 COMBUSTION AIR INTAKE LOUVER
10. FLEXIBLE CONNECTION
11. KITCHEN HOOD DUCT CONN THRU ROOF W/CAP (SEE ARCH. DWGS.)
12. 8"Ø COMMON GAS VENT UP THRU ROOF
13. CAP-OFF CONNECTION FOR FUTURE USE
14. RETURN AIR PLENUM
15. APPROVED TYPE GAS VENT WEATHER CAP
16. SUPPLY AIR PLENUM
17. REDUCING ELBOW 32 x 18 TO 18 x 18
18. PITCHED ROOF FLASHING
19. INSULATE REFRIGERANT SUCTION PIPING W/"ARMAFLEX" INSULATION OR APPROVED EQUAL HAVING MIN. R-6 VALUE.



CONTROL SEQUENCE

AIR CONDITIONING SYSTEM SHALL BE STARTED BY EITHER THE TIME SWITCH OR BYPASS TIMER. THE THERMOSTAT SHALL MAINTAIN THE BUILDING AT A MAXIMUM TEMPERATURE OF 70°F IN THE WINTER OR MINIMUM 78°F IN THE SUMMER.

THERMOSTAT SHALL HAVE THE CAPABILITY OF TERMINATING THE COOLING OR HEATING BEYOND THESE RANGES. TIME SWITCH SHALL BE SET TO TERMINATE AIR CONDITIONING SYSTEM WHEN BUILDING IS NOT OCCUPIED.

CONTROL DIAGRAM
SCALE NONE
C

"DIVISION(S) 1,4,5,6,7,8 & 9 OF THE CALIFORNIA ENERGY CONSERVATION STANDARDS FOR NON-RESIDENTIAL BUILDINGS HAVE BEEN REVIEWED AND THE BUILDING DESIGN DESCRIBED ON THIS PAGE (THESE PAGES) IS IN SUBSTANTIAL CONFORMANCE."

Harry A Saunders — M-13400 — 12-4-78
Signature — License # — Date

LEGEND

SYMBOL	DESCRIPTION
	GATE VALVE
	GLOBE VALVE
	BUTTERFLY VALVE
	BALANCING COCK
	AUTOMATIC CONTROL VALVE (2-WAY)
	AUTOMATIC CONTROL VALVE (3-WAY)
	RELIEF VALVE
	UNION
	ANCHOR
	PRESSURE REDUCING VALVE
	CHECK VALVE
	MECHANICAL PIPE COUPLING
	FLEXIBLE PIPE CONNECTION
	FLOW MEASURING DEVICE
	GAUGE COCK
	THERMOMETER WELL
	PRESSURE GAUGE
	THERMOMETER
T	ROOM THERMOSTAT
	MANUAL AIR VENT
12x8	DUCT, WIDTH X DEPTH
	FLEXIBLE DUCT CONNECTION
	VANED ELBOW
	SUPPLY DUCT - UP AND DOWN
	RETURN DUCT - UP AND DOWN
	EXHAUST DUCT - UP AND DOWN
FSFD	FUSIBLE LINK FIRE DAMPER
	MANUAL VOLUME DAMPER
	AUTOMATIC VOLUME DAMPER
	EXTRACTOR

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landscape architecture
park and environmental planning
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carter engineers
GARDEN GROVE · LA JOLLA · LOS ANGELES, CA
OMAHA, NE
Harry A Saunders M 13 400

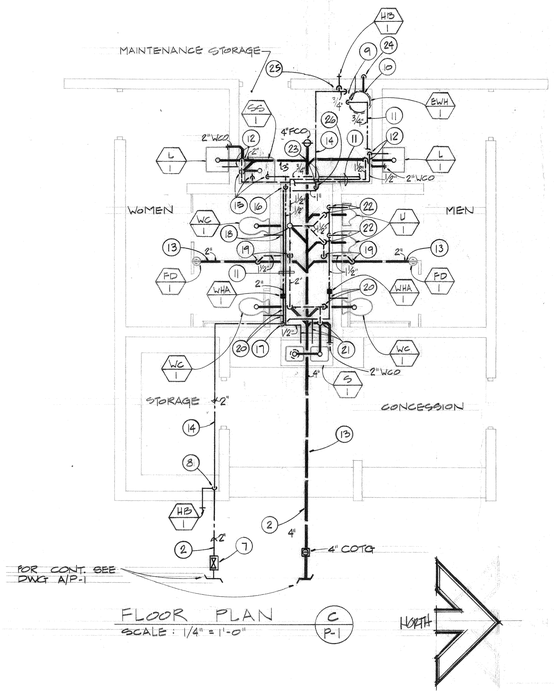
PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE
LINCOLN AREA-MECHANICAL PLAN SECTIONS AND DETAILS

date 11-17-78
revised
sheet no. M-1

2329-00-01

PLUMBING LEGEND

SYMBOL	ABBREV.	DESCRIPTION
	S.OR W.	SOIL OR WASTE BELOW GRADE OR FLOOR
	S.OR W.	SOIL OR WASTE ABOVE GRADE OR FLOOR
	C.W.	DOMESTIC COLD WATER
	H.W.	DOMESTIC HOT WATER
	H.W.R.	HOT WATER RETURN
	V.	SANITARY VENT
G	G.	GAS PIPING
D	D.	CONDENSATE DRAIN (INDIRECT DRAIN)
SD	S.D.	STORM DRAIN PIPING
OD	O.D.	OVERFLOW DRAIN PIPING
	S.O.V.	SHUT-OFF VALVE
	GLV.	GLOBE VALVE
	G.S.O.V.	GAS SHUT-OFF VALVE
	B.V.	BALANCING VALVE
	U.	UNION
	F.C.O.	FLOOR CLEANOUT
	W.C.O.	WALL CLEANOUT
	C.O.T.G.	CLEANOUT TO GRADE
	P.O.C.	POINT OF CONNECTION
	D.S.	DOWNSPOUT
	HDR.	HEADER
	V.T.R.	VENT THRU ROOF
	B/F	BELOW FLOOR
	DN.	DOWN
	A/C	ABOVE CEILING
	GR.	GRADE
	FIN.	FINISHED
	TYP.	TYPICAL
	Y.B.	YARD BOX
	CONT.	CONTINUATION
	CONN.	CONNECTION OR CONNECT

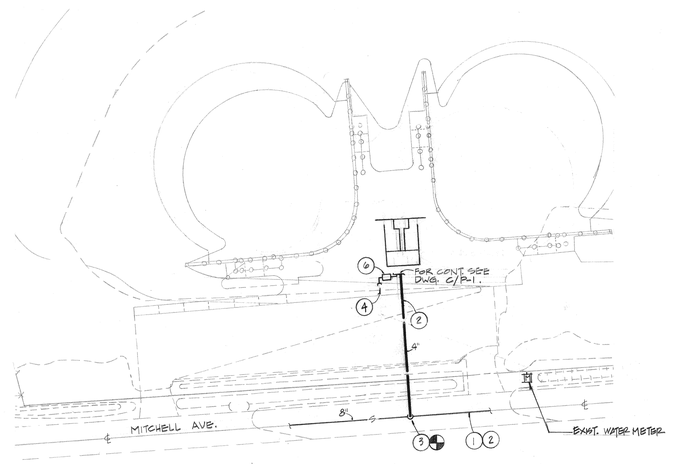


FLOOR PLAN — SCALE: 1/4" = 1'-0" — C/P-1

NORTH

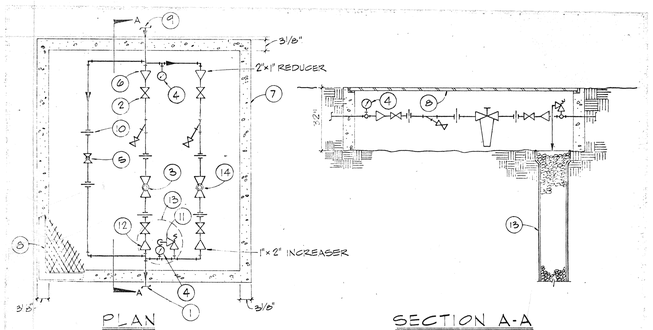
NOTES:

1. APPROX. LOCATION OF EXIST. 8" SEWER. CONTRACTOR SHALL VERIFY EXACT LOCATION IN FIELD.
2. PIPING BEL. GRADE
3. CONN. NEW 4"S. TO EXIST. 8" SEWER WITH SADDLE CONN. & IN ACCORDANCE WITH CITY OF RIVERSIDE PUBLIC WORKS OFFICE.
4. CONNECT TO NEW 2" WATER SERVICE. SEE SHEET SP-2.
5. ~~WATER SERVICE BY RIVERSIDE WATER DEPT. CONTRACTOR TO OBTAIN & PAY FOR IT.~~
6. PRESSURE REDUCING STATION SEE DETAIL D/P-1
7. LINE SIZE C.W. S.O.V. IN Y.B.
8. 2" C.W. UP INTO BLDG.. 3/4" C.W. BRANCH TO HB-1.
9. 3/4" C.W. DN. TO EWH-1, 3/4" H.W. UP FROM EWH-1.
10. EWH-1 MOUNTED ON SHELF IN JANITOR'S CLOSET SEE DETAIL B/P-1
11. PIPING AGAINST WALL.
12. 1/2" C.W. TO FIXTURE, 1 1/2" V. UP, 2" W. DN. TO BEL. FLR.
13. PIPING BEL. FLR.
14. RUN PIPING AS HIGH AS POSSIBLE.
15. 1/2" H. & C.W. DN. AGAINST WALL TO FIXTURE, 1 1/2" V. UP, 3" W. DN. TO BEL. FLR.
16. 1/2" H.W. DN. IN CHASE AGAINST WALL 21" ± ABV. FLR.
17. 2" C.W. DN. IN CHASE TO 26" ± ABV. FLR. TO FIXTURES.
18. 1 1/2" C.W. TO FIXTURE, 4" V.T.R., 4" S. DN. TO BEL. FLR.
19. 1 1/2" V. UP.
20. 1 1/2" C.W. TO FIXTURE, 2" V. UP, 4" S. DN. TO BEL. FLR.
21. 1/2" H. & C.W. TO FIXTURE, 1 1/2" UP, 2" W. DN. TO BEL. FLR.
22. 1 1/4" C.W. UP TO FIXTURE, 1 1/2" V. UP, 2" S. DN. TO BEL. FLR.
23. 1/2" C.W. BRANCH TO FIXTURE, 3/4" C.W. BRANCH TO FIXTURES.
24. 3/4" DRAIN FROM EWH-1 DN. AGAINST WALL, PENETRATE WALL & SPILL TO OUTSIDE.
25. 3/4" C.W. DN. AGAINST WALL PENETRATE EXTERIOR WALL 36"± ABV. GRADE TO HB-1.
26. 1" C.W. UP TO FIXTURES.



SITE PLAN — SCALE: 1" = 40'-0" — A/P-1

NORTH



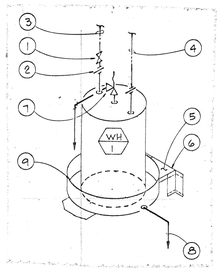
NOTES

1. 2" C.W. TO BLDG. & " C.W. TO DFG
2. 1 1/4" S.O.V.
3. 1 1/4" WILKINS 500 YSBR PRESSURE REGULATOR (34 GPM @ 60 PSI)
4. PRESSURE GAUGES
5. 1 1/4" BY-PASS W/SOV
6. 2" X 1 1/4" REDUCER
7. BROOKS METER BOX 32" DEEP.
8. 3/8" DIAMOND PLATE COVER
9. 2" C.W. FROM METER
10. UNION (TYP.)
11. PRESSURE RELIEF VALVE
12. 1 1/4" x 2" INCREASER
13. DRY WELL - 12" Ø VCP 5' DEEP FILLED W/PEA GRAVEL
14. 1" WILKINS 500 YSBR (22 GPM @ 60 PSI)

PRESSURE REDUCING STATION DETAIL — SCALE NONE — D

NOTES:

1. S.O.V. (TYP.)
2. UNION (TYP.)
3. C.W. FROM SYSTEM
4. H.W. TO SYSTEM
5. 6-WAY WATER HEATER SHELF (LOCHINVAR #3) SECURED TO STUDS
6. WATER HEATER SHELF SECURED TO WALL
7. ASME P. & T.R.V. WITH FULL SIZE DRAIN TO DRAIN PAN
8. FULL SIZE DRAIN TO OUTSIDE OF BLDG.
9. 20 GAUGE PAN



ELECTRIC WATER HEATER DETAIL — SCALE NONE — B

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	C.W.	MINIMUM BRANCH SIZE H.W.	VENT	SOIL OR WASTE	TRAP	DESCRIPTION
WC 1	WATER CLOSET	1"	--	2"	4"	INT.	AMERICAN STANDARD "GLENCO" WATER CLOSET MODEL 2500.015. ELONGATED BOWL. BENEKE 527SR WHITE TOILET SEAT. SLOAN ROYAL 144. J.R. SMITH CLOSET SUPPORT.
U 1	URINAL	3/4"	--	1 1/2"	2"	INT.	AMERICAN STANDARD "WASHBROOK" URINAL MODEL 6505.010. SLOAN ROYAL 195-11. J.R. SMITH URINAL CARRIER.
L 1	LAVATORY	1/2"	--	1 1/2"	2"	1 1/4" x 1 1/2"	AMERICAN STANDARD "REGALYN" LAVATORY MODEL 4869.020. HERITAGE FAUCET MODEL 2279.016 AQUAMETER SINGLE FAUCET, SELF-CLOSING METERING VALVE, WITH PERFORATED GRID DRAIN NO. 2411.015. SUPPLIES NO. 2302.115 LOOSE KEY TYPE. L.A. PATTERN "P" TRAP.
S 1	SINK	1/2"	1/2"	1 1/2"	2"	1 1/2"	AMERICAN STANDARD "LAUNDRY TRAY COMBO " MODEL NO. 6334.239 COUNTER TOP. SELF-RIMMING STAINLESS STEEL SINK, CRUM CUP STRAINER 4331.013. FAUCET 4200.010. SUPPLIES 2302.016 WITH GARBAGE DISPOSAL INSINKERATOR MODEL NO. 77.1725 RPM, 1/2HP, 115V, 60 CYCLE, 6.2 AMPS
SS 1	SERVICE SINK	1/2"	1/2"	2"	3"	3"	AMERICAN STANDARD "LAKEWELL" SERVICE SINK MODEL NO.7692.023. P-TRAP NO. 7798.176 3"THREADED OUTLET WITH STRAINER NO. 8301.061.
HB 1	HOSE BIBB	3/4"	--	--	--	--	ACORN HOSE BIBB MODEL 8121 LOOSE KEY, CHROME FINISH, VANDAL PROOF.
EWH 1	ELECTRIC WATER HEATER	3/4"	3/4"	--	--	--	STATE STOVE "COURIER V" MIDGET ELECTRIC WATER HEATER MODEL CV-17-1M57-K, SINGLE UNIT, 17 GAL.CAP., 240V, 2000W, 8.2GPH RECOVERY
WHA 1	WATER HAMMER ARRESTER	--	--	--	--	--	PROVIDE & INSTALL P.D.I. APPROVED WATER HAMMER ARRESTER & SIZE AS PER P.D.I. STANDARDS

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PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE

LA SIERRA PARK - PLUMBING PLANS, LEGEND, SCHEDULE & DETAILS

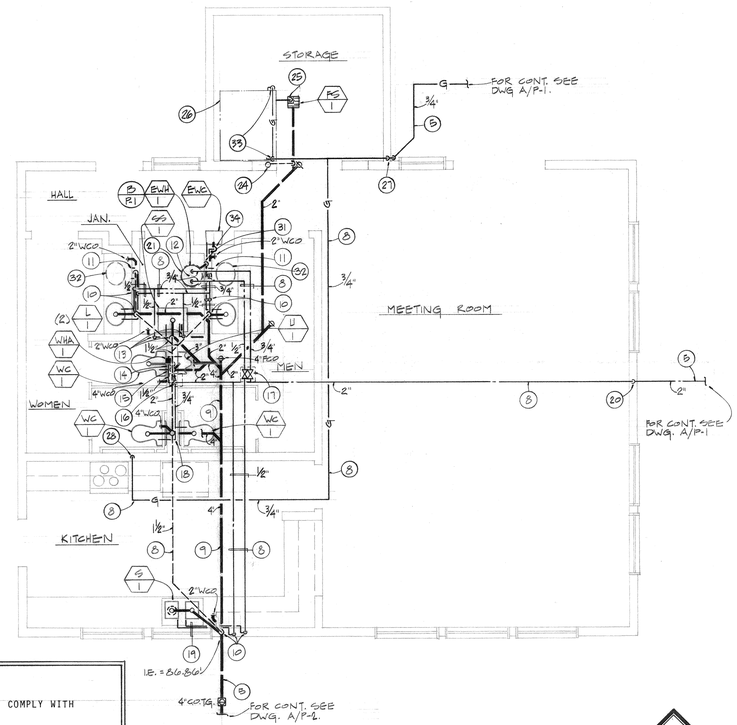
date 11-17-78

revised

sheet no. P-1

P-128-134

STATE PROJ. NO. 33-0012



NOTE:

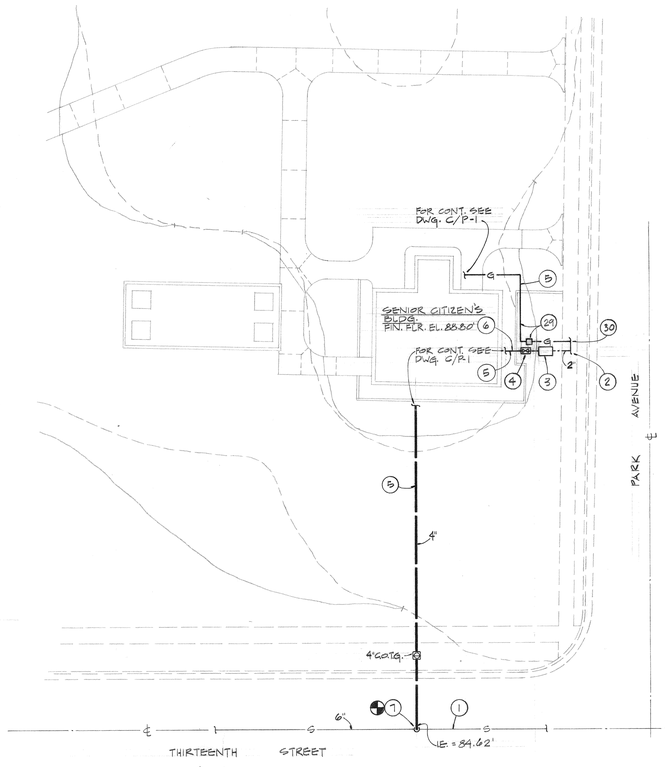
1. WATER HEATER UNIT SHALL COMPLY WITH TITLE 24, T20-1406.
2. WATER HEATER SHALL HAVE LABEL STATING THAT THE WATER HEATER MEETS THE REQUIREMENTS OF THE AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS (ASHRAE) STANDARD 90-75.

NORTH

FLOOR PLAN (C/P-2)
SCALE: 1/4" = 1'-0"

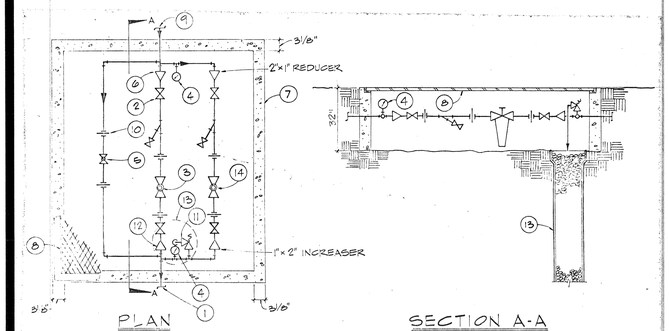
NOTES

1. APPROX. LOCATION OF EXIST. 6" SEWER. CONTRACTOR SHALL VERIFY EXACT LOCATION IN FIELD.
2. CONN. 2" WATER SERVICE TO NEW DOMESTIC LINE. SEE SHT. SP3
3. PRESSURE REDUCING STATION. SEE (D/P-2)
4. LINE SIZE C.W. S.O.V. IN YARD BOX.
5. PIPING BELOW GRADE.
6. WATER SERVICE BY RIVERSIDE DEPT. OF WATER. CONTRACTOR TO OBTAIN AND PAY FOR IT.
7. CONN. NEW 4" S. TO EXIST. 6" SEWER WITH SADDLE CONN. & IN ACCORDANCE WITH CITY OF RIVERSIDE PUBLIC WORKS OFFICE.
8. PIPING IN CLG. SPACE.
9. PIPING BEL. FLR.
10. 1/2" H. & C.W. DN. IN WALL TO FIXTURE, 1 1/2" V. UP, 2" W. DN. TO BEL. FLR.
11. ROUGH-IN & CAP 1/2" H.&C.W., 1 1/2" V., & 2" W. FOR FUTURE USE.
12. 3/4" C.W. DN. TO EWH-1 & 3/4" H.W. UP FROM EWH-1.
13. 1/2" H. & C.W. DN. IN WALL TO FIXTURE, 1 1/2" V. UP, 3" W. DN. TO BEL. FLR.
14. 3/4" C.W. IN WALL TO FIXTURE, 2" V. UP, 4" S. DN. TO BEL. FLR.
15. 1 1/4" C.W. IN WALL TO FIXTURE, 1 1/2" V. UP, 2" S. DN. TO BEL. FLR.
16. 1 1/2" C.W. DN IN WALL TO FIXTURES, PROVIDE LINE SIZE S.O.V. AT TOP OF DROP IN CLG. SPACE. PROVIDE ACCESS PANEL.
17. LINE SIZE H. & C.W. S.O.V.'S IN CLG. SPACE. PROVIDE ACCESS PANEL.
18. 3/4" C.W. IN WALL TO FIXTURES, 4" V.T.R., 4" S. DN. TO BEL. FLR.
19. 1/2" H. & C.W. AGAINST WALL UNDER SHELVING TO FIXTURE.
20. 2" C.W. UP IN WALL TO CLG. SPACE.
21. EWH-1 MOUNTED ON PLATFORM IN JANITOR'S CLOSET. SEE (B/P-2)
22. H.W. TO, & WASTE FROM LAV'S TO BE USED BY HANDICAPPED, SHALL BE INSULATED.
23. 1 1/2" V. UP.
24. 1 1/2" V.T.R.
25. SPILL 3/4" COND. FROM AC UNIT INTO FS-1.
26. AC UNIT MOUNTED ON FLR.
27. 3/4" G. UP 18" ± AND INTO BLDG., UP IN WALL TO CLG. SPACE.
28. 3/4" G. DN. IN WALL TO GAS RANGE.
29. NEW GAS METER & GAS PIPING BY SOUTHERN CALIF. GAS CO., CONTRACTOR TO OBTAIN & PAY FOR IT.
30. CONN. NEW GAS MAIN TO EXIST. GAS MAIN ON SITE. CONTRACTOR SHALL VERIFY EXACT LOCATION IN FIELD.
31. 3/4" DRAIN FROM WATER HEATER, RUN IN WALL & SPILL INTO SS-1 WITH 1" AIR GAP.
32. FUTURE LAVATORY
33. 3/4" G. DN. TO AC UNIT.
34. 1/2" C.W. TO FIXTURE, 1 1/2" V. UP, 2" W. DN. TO BEL. FLR.



NORTH

SITE PLAN (A/P-2)
SCALE: 1" = 20'



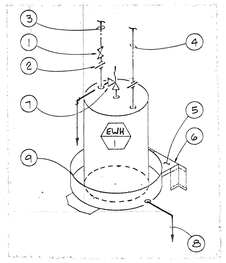
NOTES

1. 2" C.W. TO BLDG.
2. 1 1/4" S.O.V.
3. 1 1/4" WILKINS 500 YSBR PRESSURE REGULATOR (27 GPM @ 60 PSI)
4. PRESSURE GAUGES
5. 1 1/4" BY-PASS W/SOV
6. 2" X 1 1/4" REDUCER
7. BROOKS METER BOX. 32" DEEP.
8. 3/8" DIAMOND PLATE COVER
9. 2" C.W. FROM METER
10. UNION (TYP.)
11. PRESSURE RELIEF VALVE
12. 1 1/4" x 2" INCREASER
13. DRY WELL - 12" Ø VCP 5' DEEP FILLED W/PEA GRAVEL
14. 1" WILKINS 500 YSBR (18 GPM @ 60 PSI)

PRESSURE REDUCING STATION DETAIL — SCALE NONE — (D)

NOTES

1. S.O.V. (TYP.)
2. UNION (TYP.)
3. C.W. FROM SYSTEM
4. H.W. TO SYSTEM
5. 6-WAY WATER HEATER SHELF (LOCHINVAR = 3) SECURED TO STUDS.
6. WATER HEATER SHELF SECURED TO WALL.
7. ASME P. & T.R.V. WITH FULL SIZE DRAIN TO DRAIN PAN.
8. FULL SIZE DRAIN TO SERVICE SINK.
9. 20 GAUGE PAN WITH 3/4" DRAIN FROM PAN TO SERVICE SINK WITH 1" AIR GAP.



ELECTRIC WATER HEATER DETAIL — SCALE NONE — (B)

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	MINIMUM BRANCH SIZE C.W.	H.W.	VENT	SOIL OR WASTE	TRAP	DESCRIPTION
WC 1	WATER CLOSET	1/2"	--	2"	4"	INT.	AMERICAN STANDARD "ELONGATED WATER SAVER CADET" WATER CLOSET MODEL NO. 2109.395 WITH AMERICAN STANDARD 5320.536 W/CH, OPEN FRONT. SUPPLIES 3405.016.
U 1	URINAL	3/4"	--	1 1/2"	2"	INT.	AMERICAN STANDARD "WASHBROOK" MODEL NO. 6500.010. SLOAN ROYAL 195-1 FLUSH VALVE, J.R. SMITH URINAL CARRIER.
L 1	LAVATORY	1/2"	1/2"	1 1/2"	2"	1 1/4" x 1 1/2"	AMERICAN STANDARD "LEDGELYN" MODEL NO. 3210.044. 8" ROUGH-IN, HERITAGE FAUCET NO. 2246.706. 3 1/2 GPM FLOW RESTRICTOR. L.A. PATTERN "P" TRAP. SUPPLIES NO. 2302.081.
S 1	SINK	1/2"	1/2"	1 1/2"	2"	1 1/2"	AMERICAN STANDARD "LAUNDRY TRAY COMBO" MODEL NO. 6334.239 COUNTER TOP, SELF-RIMMING STAINLESS STEEL SINK. CRUM CUP STRAINER 4331.013. FAUCET 4200.010. SUPPLIES 2302.016 WITH GARBAGE DISPOSER INSINKERATOR MODEL NO. 77, 1725 RPM, 1/2HP, 115V, 60 CYCLE, 6.2 AMPS.
SS 1	SERVICE SINK	1/2"	1/2"	2"	3"	3"	AMERICAN STANDARD "LAKEWELL" SERVICE SINK MODEL NO. 7692.023. P-TRAP NO. 7798.176 3" THREADED OUTLET WITH STRAINER NO. 8301.061. RIM GUARD NO. 8379.018. HERITAGE FAUCET NO. 8344.111.
EWH 1	ELECTRIC WATER HEATER	3/4"	3/4"	--	--	--	STATE STOVE "COURIER V" RESIDENTIAL LOW BOX ELECTRIC WATER HEATER MODEL NO. CV-20-1LS7. SINGLE UNIT, 20 GAL. CAP., 208V, 12.3 G.P.H. RECOVERY. FOR REFERENCE ONLY WATER HEATER UNIT SHALL MEET REQUIREMENTS NOTED.
FS 1	FLOOR SINK	--	--	1 1/2"	2"	2"	J.R. SMITH FLOOR SINK FIG. 3101-53, WITH SEDIMENT BUCKET, 3/4 GRATE.
WHA 1	WATER HAMMER ARRESTER	--	--	--	--	--	PROVIDE & INSTALL P.D.I. APPROVED WATER HAMMER ARRESTER & SIZE AS PER PDI STANDARDS.
EWC 1	ELECTRIC WATER COOLER	1/2"	--	1 1/2"	2"	1 1/4" x 1 1/2"	HALSY MODEL HWCS-8, 7.8 GPH, 1/4 HP, 115 V, 60 Hz, 1 PHASE.

PLUMBING LEGEND

SYMBOL	ABBREV.	DESCRIPTION
	S.OR W.	SOIL OR WASTE BELOW GRADE OR FLOOR
	S.OR W.	SOIL OR WASTE ABOVE GRADE OR FLOOR
	C.W.	DOMESTIC COLD WATER
	H.W.	DOMESTIC HOT WATER
	H.W.R.	HOT WATER RETURN
	V.	SANITARY VENT
G	G.	GAS PIPING
D	D.	CONDENSATE DRAIN (INDIRECT DRAIN)
SD	S.D.	STORM DRAIN PIPING
OD	O.D.	OVERFLOW DRAIN PIPING
	S.O.V.	SHUT-OFF VALVE
	GLV.	GLOBE VALVE
	G.S.O.V.	GAS SHUT-OFF VALVE
	B.V.	BALANCING VALVE
	U.	UNION
	F.C.O.	FLOOR CLEANOUT
	W.C.O.	WALL CLEANOUT
	C.O.T.G.	CLEANOUT TO GRADE
	P.O.C.	POINT OF CONNECTION
	D.S.	DOWNSPOUT
	HDR.	HEADER
	V.T.R.	VENT THRU ROOF
	B/F	BELOW FLOOR
	DN.	DOWN
	A/C	ABOVE CEILING
	GR.	GRADE
	FIN.	FINISHED
	TYP.	TYPICAL
	Y.B.	YARD BOX
	CONT.	CONTINUATION
	CONN.	CONNECTION OR CONNECT

recreation systems incorporated
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park and environmental planning
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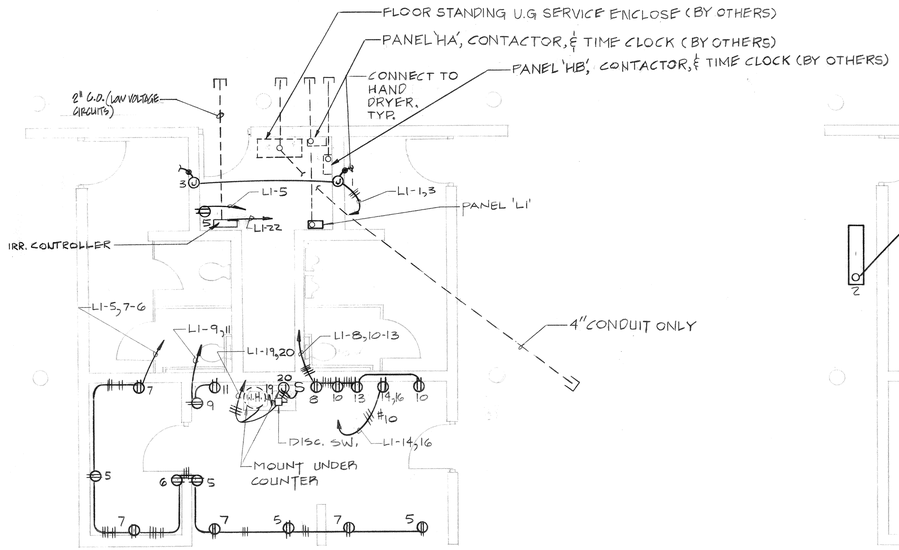
carter engineers
GARDEN GROVE • LA JOLLA • LOS ANGELES
ORANGE, NE

PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE
LINCOLN PARK - PLUMBING PLANS, LEGEND, SCHEDULE, & DETAILS

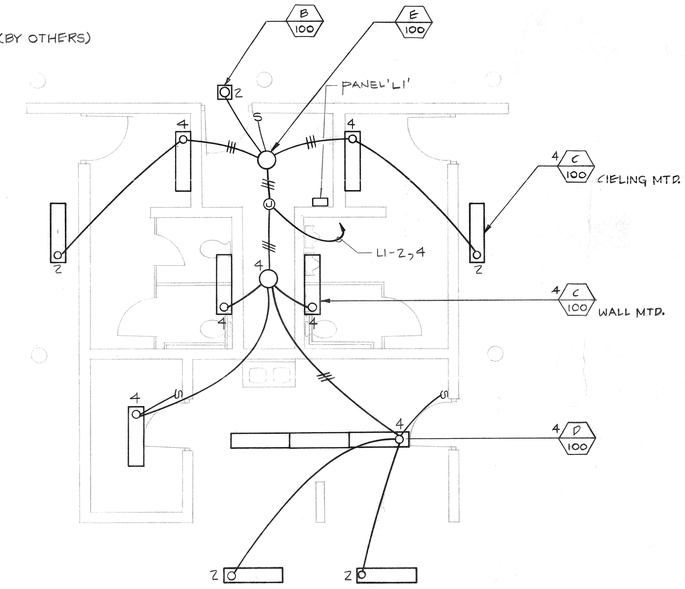
date 11-17-78
revised .
sheet no. P-2

P-1130-13

#2329-00-01



A ELECTRICAL POWER PLAN (LA SIERRA)
SCALE: 1/4"=1'-0" N



B ELECTRICAL LIGHTING PLAN (LA SIERRA)
SCALE: 1/4"=1'-0" N

ELECTRICAL SYMBOL LIST

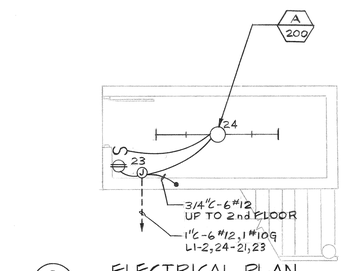
- FLUORESCENT STRIP LIGHT
- RECESSED INCANDESCENT FIXTURE
- INCANDESCENT FIXTURE
- INCANDESCENT FIXTURE WALL MOUNTED
- EXIT LIGHT FIXTURE WALL MOUNTED
- EXIT LIGHT FIXTURE CEILING MOUNTED
- ARROW INDICATES DIRECTION
- FLOODLIGHT FIXTURE & OUTLET BOX
- JUNCTION BOX - CEILING MOUNTED
- JUNCTION BOX - WALL MOUNTED
- PARKING LOT STANDARD & LUMINAIRES
- DUPLEX CONVENIENCE OUTLET, WALL MOUNTED
- DUPLEX CONVENIENCE OUTLET ½ SWITCHED
- SPECIAL OUTLET AS NOTED
- DUPLEX CONVENIENCE OUTLET IN FLUSH FLOOR BOX
- CLOCK OUTLET - WALL MOUNTED
- THERMOSTAT OUTLET
- THERMOMETER FAN
- MOTOR OUTLET
- S SINGLE POLE TOGGLE
- S2 DOUBLE POLE TOGGLE SWITCH
- S3 THREE WAY TOGGLE SWITCH
- S4 FOUR WAY TOGGLE SWITCH
- Sk KEY OPERATED SWITCH
- SD DIMMER CONTROL
- S(sub) SUBSCRIPT INDICATES UNITS CONTROLLED
- SP PILOT LIGHT & TOGGLE SWITCH
- ST TIME CONTROLLED SWITCH
- SM MOTOR STARTER SWITCH
- CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS
- CONDUIT RUN CONCEALED IN OR UNDER SLAB OR BELOW GRADE
- CONDUIT RUN EXPOSED
- 2# 12 ½"C. — 6 #12—1"C.
- 3# 12 ½"C. — 7 #12—1"C.
- 4# 12 ¾"C. — 8 #12—1"C.
- 9 #12—1 ½"C.
- OTHER WIRE & CONDUIT SIZES CALLED OUT IN PLAN (1#8 = ¾"C.)
- DENOTES 2 WIRE CIRCUIT TO NUMBERED PANEL
- CONDUIT UP
- CONDUIT DOWN
- DENOTES DETAIL & SHEET E-2
- DENOTES EQUIPMENT & DESCRIPTION (TAG NUMBER)
- PUSHBUTTON STATION START STOP
- MAGNETIC MOTOR STARTER
- DISCONNECT SWITCH
- COMBINATION STARTER DISCONNECT SWITCH
- LIGHTING PANEL RECESSED IN WALL
- LIGHTING PANEL SURFACE MOUNTED
- TERMINAL CABINET
- MAIN SWITCHBOARD
- TELEPHONE OUTLET BOX WITH COVER PLATE WALL MOUNTED
- TELEPHONE OUTLET BOX WITH COVER PLATE ON FLUSH FLOOR BOX
- TELEPHONE BACKBOARD
- T TELEPHONE CONDUIT - WITH PULL WIRE

SURF. MTD. 225 A BUS M.L.O.

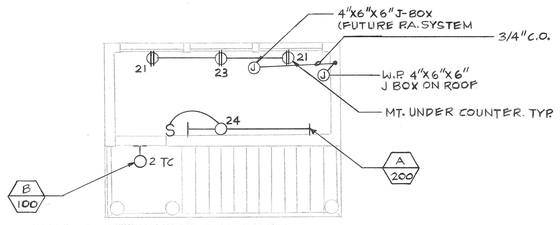
120/240V, 1Φ, 3W PANEL 'LI' SCHEDULE

CKT. NO.	CKT AMPS	WIRE POLE	NO OF OUTLETS LTG.	REC.	FURS.	LOCATION	WATTS A	WATTS B	WATTS C
	20	1			1	HAND DRYER	1440		
TC	2		5			EXTERIOR LTG.	500		
3					1	HAND DRYER		1440	
4			9			INTERIOR LTG.		900	
5				4		RECEPT.	720		
6				1		REFRIG.	690		
7				4		RECEPT.		720	
8						COFFEE		920	
9						HOT DOG STEAMER	1440		
10						PEPSI MACHINE	800		
11						FOOD WARMER		440	
12						ZEMI MACHINE		1150	
13						MICRO WAVE OVEN	1200		
14	30	2				208 V RECEPT.	2880		
15	20	1P			1			830	
16								2880	
17	20	1P			1		830		
18	20	1					830		
19	30	1P			1	WATER HEATER		3000	
20	20	1			1	FUTURE GAR. DISP.		8301	
21				2		SCORE KEEPER RECPT.	720		
22					1	IRR. CONTROLS	600		
23				2		SCORE KEEPER RECPT.		720	
24			2			SCORE KEEPER LTS		400	
25						SPACE			
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
TOTAL WATTS						25,420			
							11310	14110	

L.O.L. 1400 X .125 = 1750 KW =
OTHER LOAD 24020 KW =
TOTAL LOAD 25,770 KW = 112 A



D ELECTRICAL PLAN
SCALE = 1/4" = 1'-0" SCORE KEEPERS BOOTH (2 EACH) (LA SIERRA)



C SECOND FLOOR
SCALE = 1/4" = 1'-0" SCORE KEEPERS BOOTH (2 EACH) (LA SIERRA)

FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	LAMP
A 200	8' FLUORESCENT, ALUM. HOUSING WHITE ACRYLIC LENS 120V HRF BALLAST. ACME #3502-8RT	4-F40 CW
B 100	WALL MTD INCAND. VANDAL RESISTANT, LEXAN LENS, CAST ALUM. BOX I W/AMPLIFIER. MARCO # NP4-SA-RI	1-100W IF
C 100	WALL & CEILING MTD FLUORESCENT, 4', WITH TAMPER PROOF HDW. & LEXAN LENS. W/DRIVER. MARCO # NF 44 7012/35	2 F40 LW
D 100	SURFACE MTD. 4' FLUORESCENT W/ MOLOPHANE #7100 LENS 120V ACME #3352-4R	2-F40 W
E 100	PORCELAIN KEYLESS SOCKET	1-100W I.F

MULLEN & ASSOCIATES
consulting engineers
PROJECT NUMBER 7821
1642 N. TUSTIN AVE., SUITE 113
ORANGE, CALIFORNIA 92667/714-637-4821

recreation systems incorporated
landscape architecture
park and environmental planning
2500 east nutwood ave · fullerton ca 714/879-6373

PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE

LA SIERRA PARK - ELECTRICAL LIGHTING & POWER PLAN

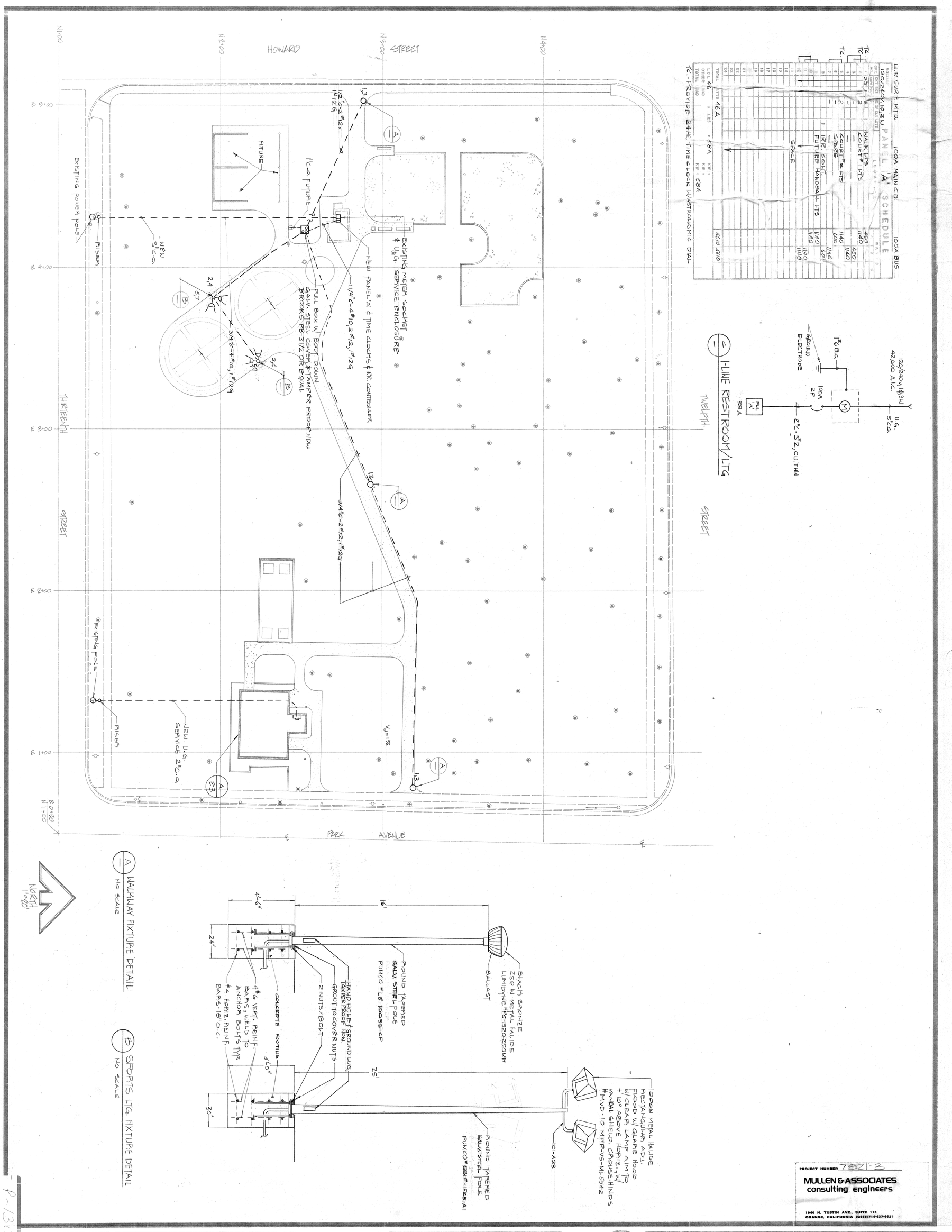
date 11-17-78

revised

sheet no. E 1

P-128-735

STATE PROJ. NO. 33-0012



PROJECT NUMBER 7821-3

MULLEN & ASSOCIATES
consulting engineers

1940 N. TUSTIN AVE., SUITE 113
ORANGE, CALIFORNIA 92665/714-637-6621

PARK IMPROVEMENT PROGRAM CITY OF RIVERSIDE

LINCOLN PARK - ELECTRICAL SITE PLAN

date 11-17-78

revised

sheet no. E 2

P-130-14

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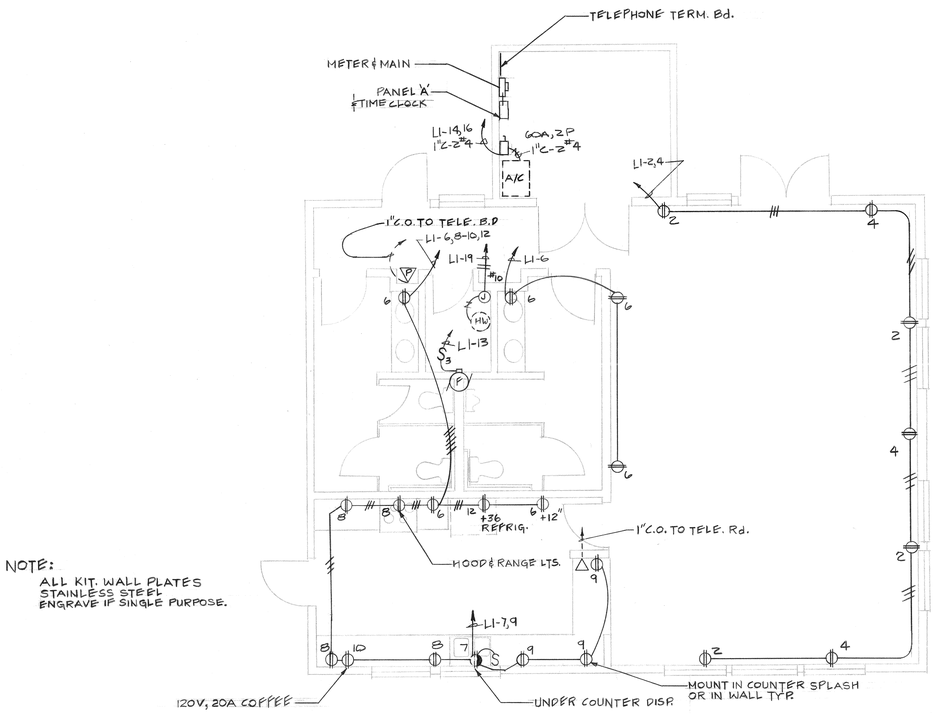
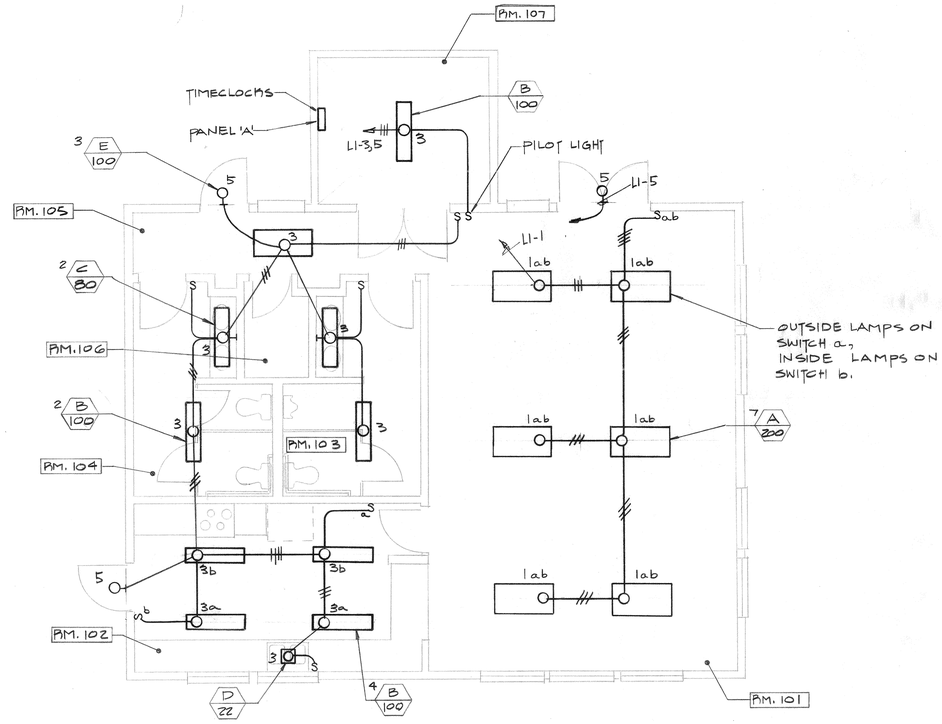


NOTE:
ALL KIT. WALL PLATES STAINLESS STEEL ENGRAVE IF SINGLE PURPOSE.

A ELECTRICAL POWER & COMM. PLAN
SCALE: 1/4"=1'-0"



B ELECTRICAL LIGHTING PLAN
SCALE: 1/4"=1'-0"

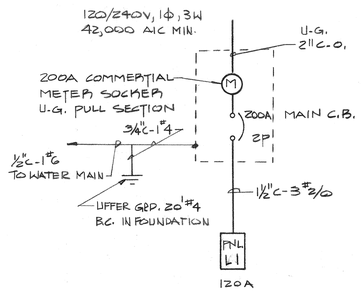
(LINCOLN)
FLUSH MTD. M.L.O. 200 A BUS

VOLTAGE 120/240v, 1φ, 3W PANEL L1 SCHEDULE

CKT NO.	CKT BKR. AMPS	CKT BKR. POLE	NO. OF OUTLETS LTS.	NO. OF OUTLETS RECP.	NO. OF OUTLETS MISC.	LOCATION	WATTS A	WATTS B	WATTS C
1	20	1	4			MTG. RM. LTS.	1200		
2			4			RECPTS.	720		
3			11			KIT. RT. RM, HALL, STORAGE		1100	
4			3			RECPTS.		540	
5			3			EXT. LTS.	300		
6				5		RECPTS.	900		
7				1		GAR. DISP.		630	
8				4		RECPTS.		720	
9				3		"	600		
10				1		COFFEE	1920		
11						SPARE		600	
12				1		REFRIG.		670	
13						EXHAUST FAN	670		
14	100	2			1	AIR. COND.	5290		
15	—	—				—		—	
16	—	—				—		5290	
17	—	—				—	—		
18						SPACE	—		
19	30	1				HOT WATER		2000	
20						SPACE		—	
21						SPACE			
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
TOTAL WATTS			96A				11600	11550	

LCL 96 × 1.25 = 120A KW =
OTHER LOAD KW =
TOTAL LOAD KW = 120A

TC



A 1-LINE DIAGRAM
(LINCOLN COMMUNITY BLDG.)

FIXTURE SCHEDULE		
SYMBOL	DESCRIPTION	LAMP
A 200	2'X4' SURFACE FLUORESCENT, 120V ACME # 4254-24-4R-PA	4-F40CW
B 100	1'X4' SURFACE FLUORESCENT, 120V ACME # 3352-4R	2-F40CW
C 80	WALL FLUORESCENT, 36", 120V PRESCOLITE # 3078	2-F30CW
D 22	CEILING DRUM, FLUORESCENT, 120V JANMAR # 22-10-2	1-FC6T9
E 100	WALL MTD. VANDAL RESISTANT HDW & RECTIFIER, INCAND. MARCO # NP2-R1-NTB4	1-100 I.F.

PROJECT NUMBER 7841-3
MULLEN & ASSOCIATES consulting engineers
1960 N. TUSTIN AVE., SUITE 113 ORANGE, CALIFORNIA 92665/714-637-6621

ENERGY CONSERVATION STATEMENT
I CERTIFY THAT I HAVE REVIEWED TITLE 24 OF THE CALIFORNIA ADMINISTRATIVE CODE, AND THAT THIS ELECTRICAL DESIGN CONFORMS TO THESE REGULATIONS.
LARRY D. MULLEN P.E. 9-20-78
CALIF. REGISTRATION NO. E-8279 DATE

recreation systems incorporated
landscape architecture
park and environmental planning
2500 east nutwood ave · fullerton ca 714/879-6373

PARK IMPROVEMENT PROGRAM
CITY OF RIVERSIDE
LINCOLN PARK - LIGHTING & POWER PLANS, FIXTURE SCHEDULE

date 11-17-78
revised
sheet no. E 3

P-130-15
LINCOLN

FIXTURE SCHEDULE

SYMBOL	DISCRIPTION	LAMP
A / 125	RECESSED, MER. VAPOR, 120V BALLAST. MARCO # NMS22-TNP8	1-100 MER.VAPOR
B / 200	4'X4' FLUORESCENT, SURF MTD. DROP ACRYLIC LENS, 120V ACME #4354-48-4R-DA	4-F40CW
C / 200	2'X4' FLUORESCENT SURF, MTD. ACRYLIC LENS, 120V ACME #3004-4R-PA	4-F40CW
D / 125	WALL-PAK, 100W MER. VAPOR, PROT. GUARD TAMPERPROOF HDW. HOLOPHANE# 412-120-0108-TP	1-100 W MER. VAPOR

A — PLAN - DALES COMMUNITY CENTER ADDITION
SCALE: 1/4"=1'-0"

B — PARTIAL SITE PLAN PATTERSON PARK
1"=20'-0"

MULLEN & ASSOCIATES
consulting engineers
1540 N. TUSTIN AVE., SUITE 113
ORANGE, CALIFORNIA 92667 (714) 637-8631
PROJECT NUMBER 782

recreation systems incorporated
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park and environmental planning
2500 east nutwood ave · fullerton ca 714/879-6373

PARK IMPROVEMENT PROGRAM — CITY OF RIVERSIDE
WHITE PARK: DALES CENTER; PATTERSON PARK

date 11-17-78
revised
sheet no. E-1

WH-16