BOATHOUSE for FAIRMOUNT PARK

2707 LOCUST STREET, RIVERSIDE, CA

STATE GRANT NO. 88-1-33016

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CODE REQUIREMENTS

SQUARE FOOTAGE:

LOWER LEVEL

Boat Storage	3,306.80 s.f.	
Park Maintance	266.00 s.f.	
Boat Rental	266.00 s.f.	
		3,838.80 s.f.
Lease Space	488.00 s.f.	
Support Rooms	858.80 s.f.	
Meeting Rooms	1,960.00 s.f.	
		3,306.80 s.f.
Total		7,145.60 s.f.

ZONING:

"O" Offical

CONSTRUCTION:

Type V Non-Rated

OCCUPANCY:

A-3
B-3

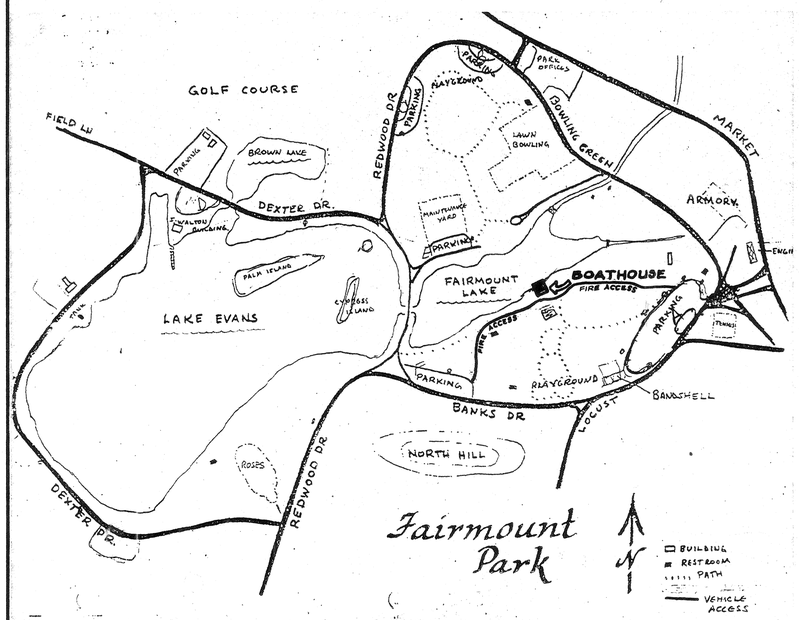
PARKING REQUIREMENT:

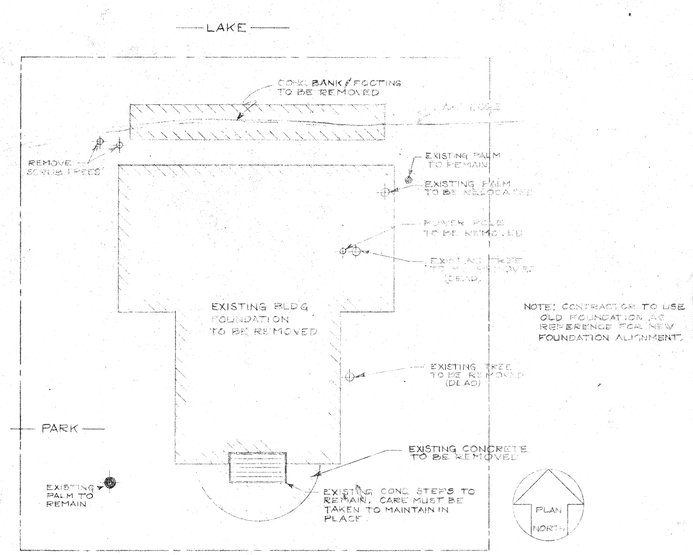
N/A

SECOND SET! (OWNER'S COPY!)

APPROVED
CITY OF RIVERSIDE
BUILDING & SAFETY
THIS APPROVAL DOES NOT AUTHORIZE VIOLATION OF ANY PROVISIONS OF STATE OR LOCAL BUILDING REGULATIONS NOR DOES IT PREVENT REQUIRING CORRECTIONS OF ANY ERROR SUBSEQUENTLY IDENTIFIED ON THESE PLANS OR CONSTRUCTED DUE TO ERRORS IN THESE PLANS.
Permit: 92 0672
Date: 7-20-94
By: H. Sa

original is: 9-2-92





DEMOLITION PLAN 1/16"=1'-0"

7

PLAN APPROVED BY	
DIRECTOR, PARK & REC. DEPT. Don W. Bachman	DATE 4/7/93
PARK DESIGN Robert L. Isbar	DATE April 7, 1993
PARK SUPERINTENDENT Jerry Nielsen	DATE 4/7/93
	DATE
	DATE

LICENSED ARCHITECT RICHARD P. FRICK C-5668 EXP. 8/31/95 STATE OF CALIFORNIA

20 July 94

city of riverside park & recreation department
(714) 782-5300
3900 MAIN ST RIVERSIDE, CALIFORNIA 92522

Cole & Frick Architects, A.I.A.
4195 Chestnut Street
Riverside, California
92501 714/684-4011

BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

TITLE SHEET

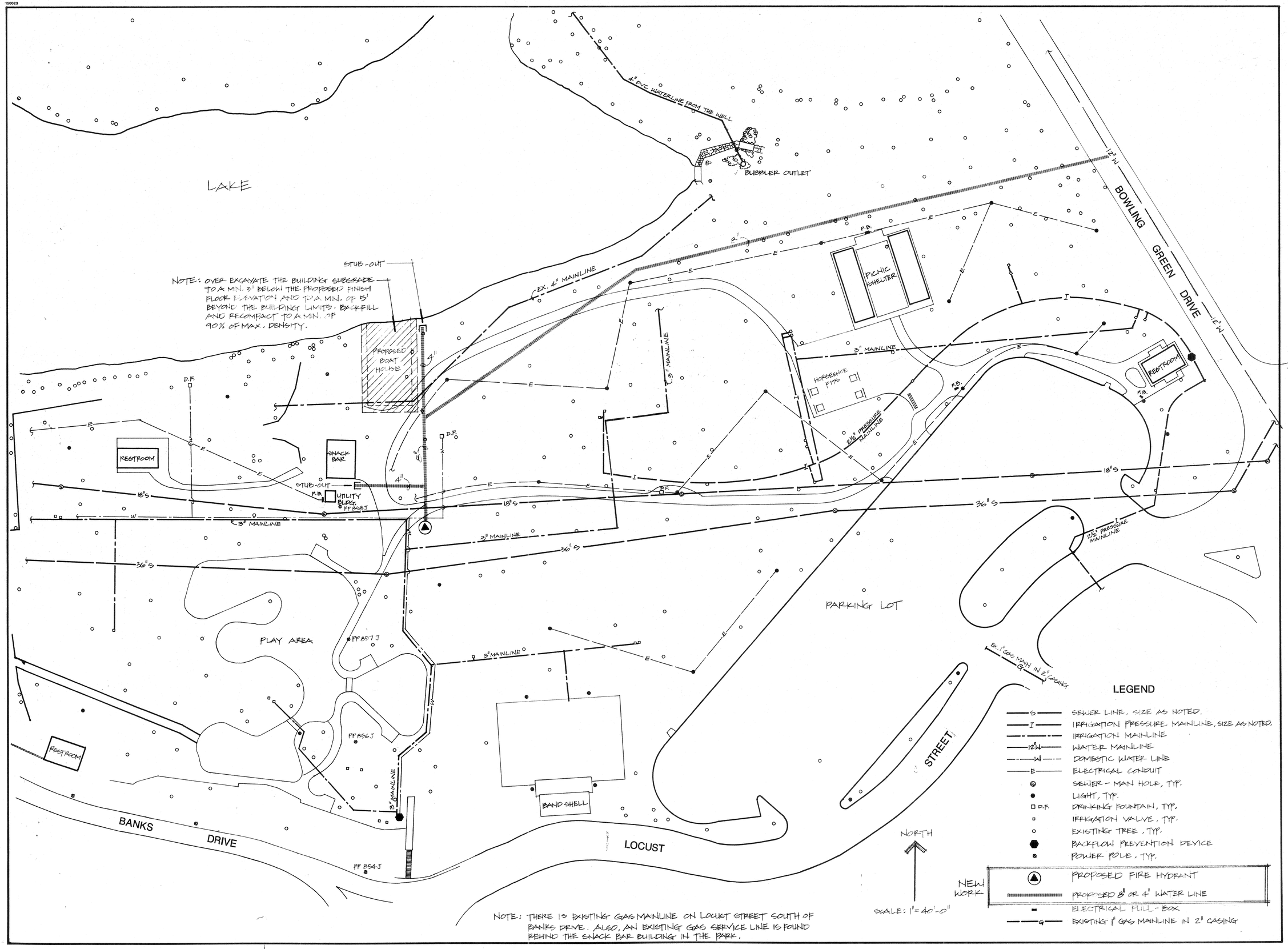
REVISIONS
11/02/92
01/13/93
△8-10-93 BLDG. DEPT.
DRAWN BY R.S.

DATE: 10/10/91
JOB NUMBER

SHEET NO. 1
OF 25

PLAN NO. P-0113

150023



BOATHOUSE for FAIRMOUNT PARK

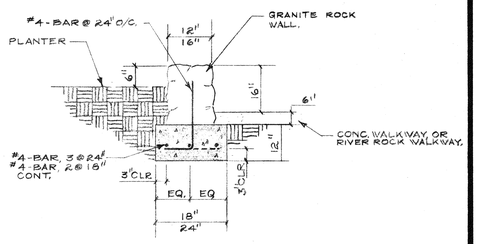
CONSTRUCTION SITE PLAN

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

revisions	by

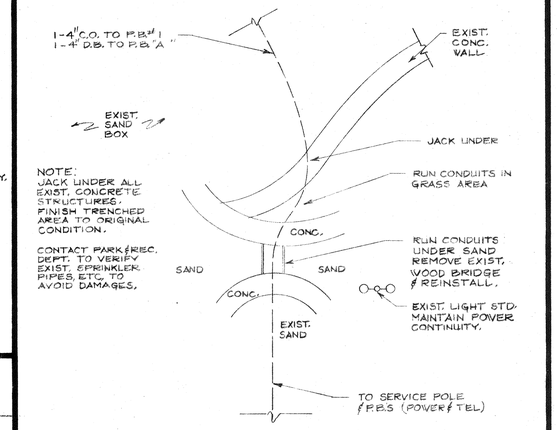
date	3-25-93
design	
drawn	EL
check	
acc't. no.	
SHEET	C-1 2 of 25

PLAN NO. P-0113

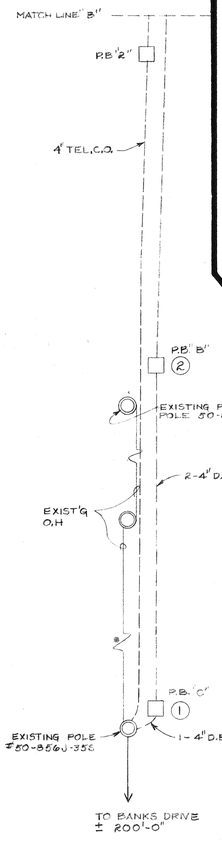


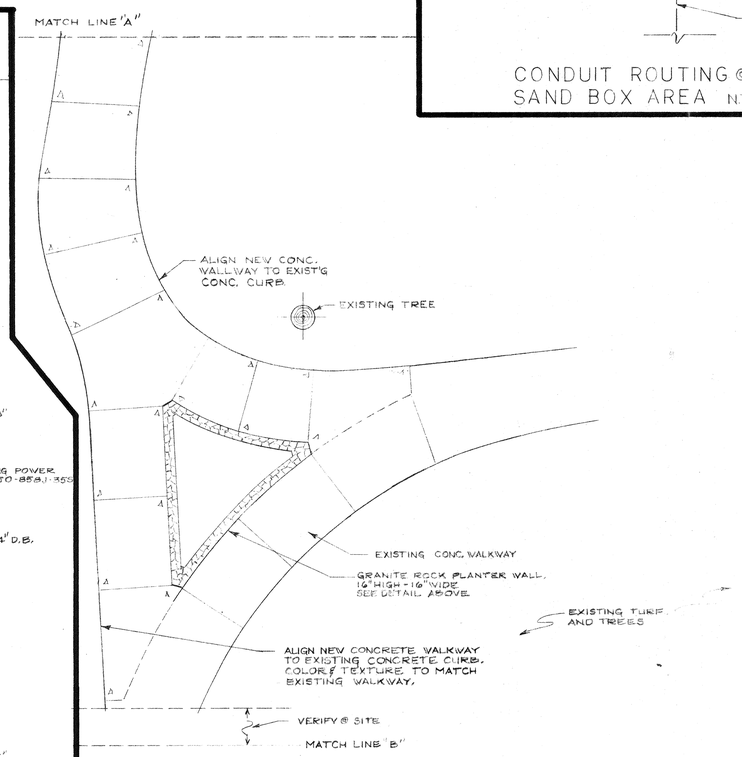
PLANTER WALL DETAIL

1/2" = 1'-0"



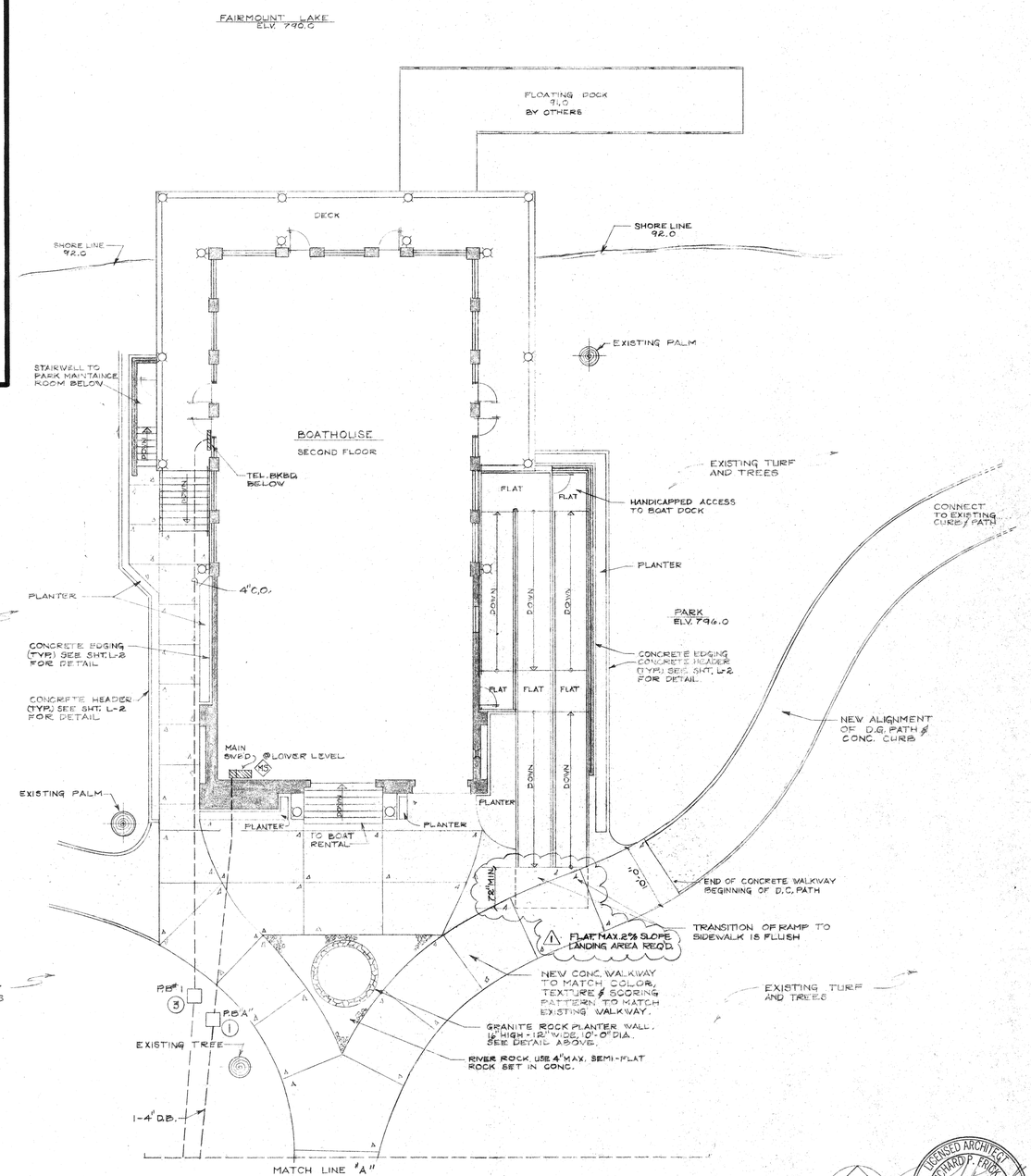
CONDUIT ROUTING @ SAND BOX AREA N.T.S.





NOTE:

1. 2' X 3' PULL BOX PER ITEM #PS-1 OF UGS-007
2. CONTACT CITY OF RIVERSIDE PUBLIC UTILITY DEPT, MR. BILL WHITTEN 714-782-5581 FOR EXACT REQUIREMENTS, DO NOT COMMENCE ANY WORK BEFORE OBTAINING CITY OF RIVERSIDE WORKING DRAWINGS.
3. PULL BOX FOR TEL. CONTACT PAC. TEL. FOR ALL REQUIREMENTS 714-359-2551
4. VERIFY ALL UNDERGROUND CONDUITS, PIPING, AVOID MECHANICAL DAMAGES.



SITE PLAN 1/10" = 1'-0"

Cole & Frick Architects, A.I.A.
4195 Chestnut Street
Riverside, California
92501 714/684-4011

BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

SITE PLAN with ELECTRICAL

REVISIONS
11/02/92
01/13/93
8-10-93 BLDG. DEPT.

DRAWN BY RS

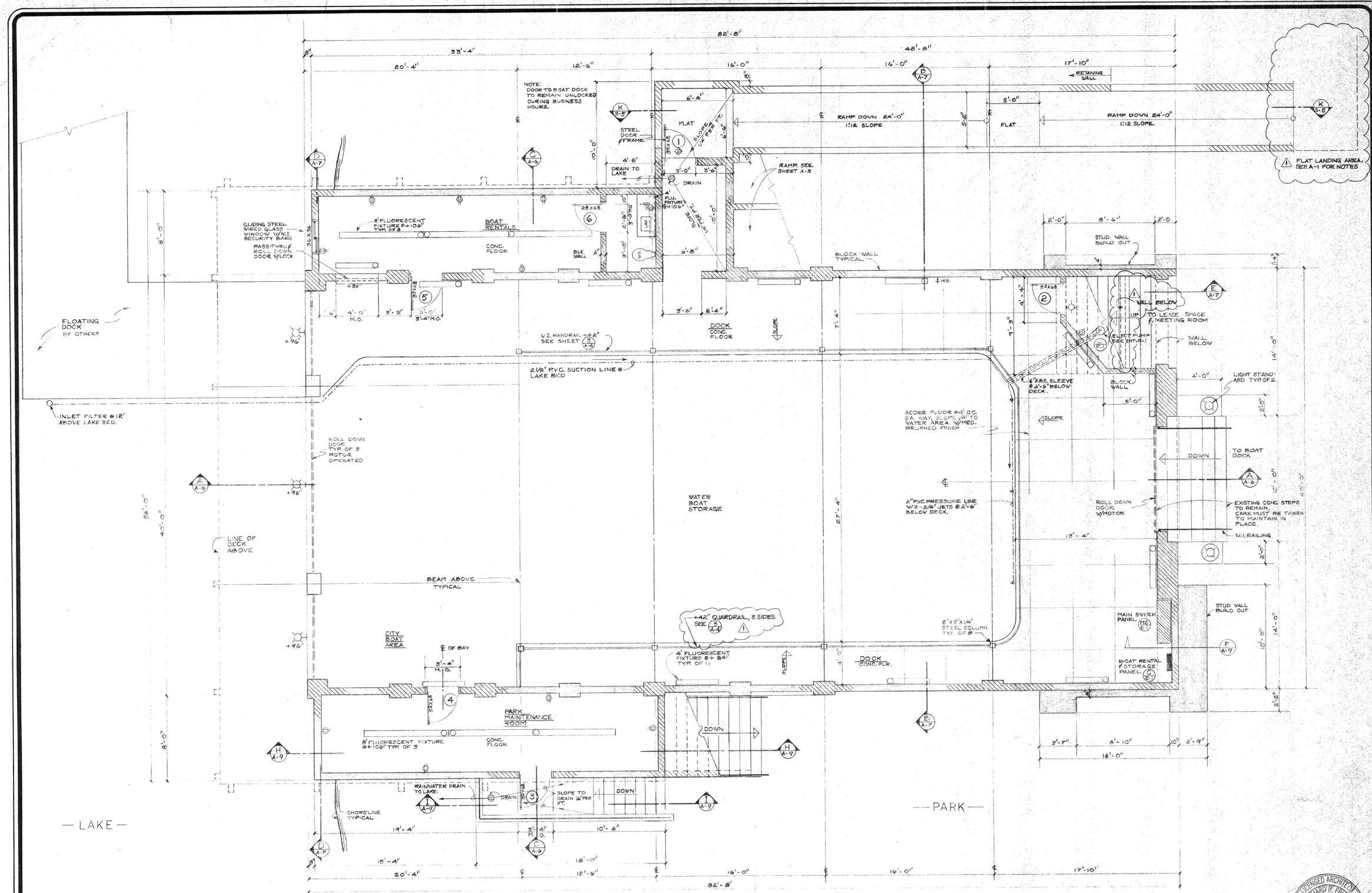
DATE: 10/10/91

JOB NUMBER

A-1

SHEET NO. 3 OF 25

PLAN NO. P-0113



LOWER LEVEL PLAN 1/4" = 1'-0"

AREA —		
BOAT RENTAL	266.00	SF.
PARK MAINTANCE	266.00	SF.
BOAT STORAGE	3306.80	SF.
TOTAL	3838.80	SF.

⊕ PANIC HARDWARE REQUIRED

PLAN NORTH

LICENSED ARCHITECT RICHARD B. FRICK C-5668 EXP. 8/31/95 STATE OF CALIFORNIA

Cole & Frick Architects, A.I.A.
4195 Chestnut Street
Riverside, California
92501 714/684-4011

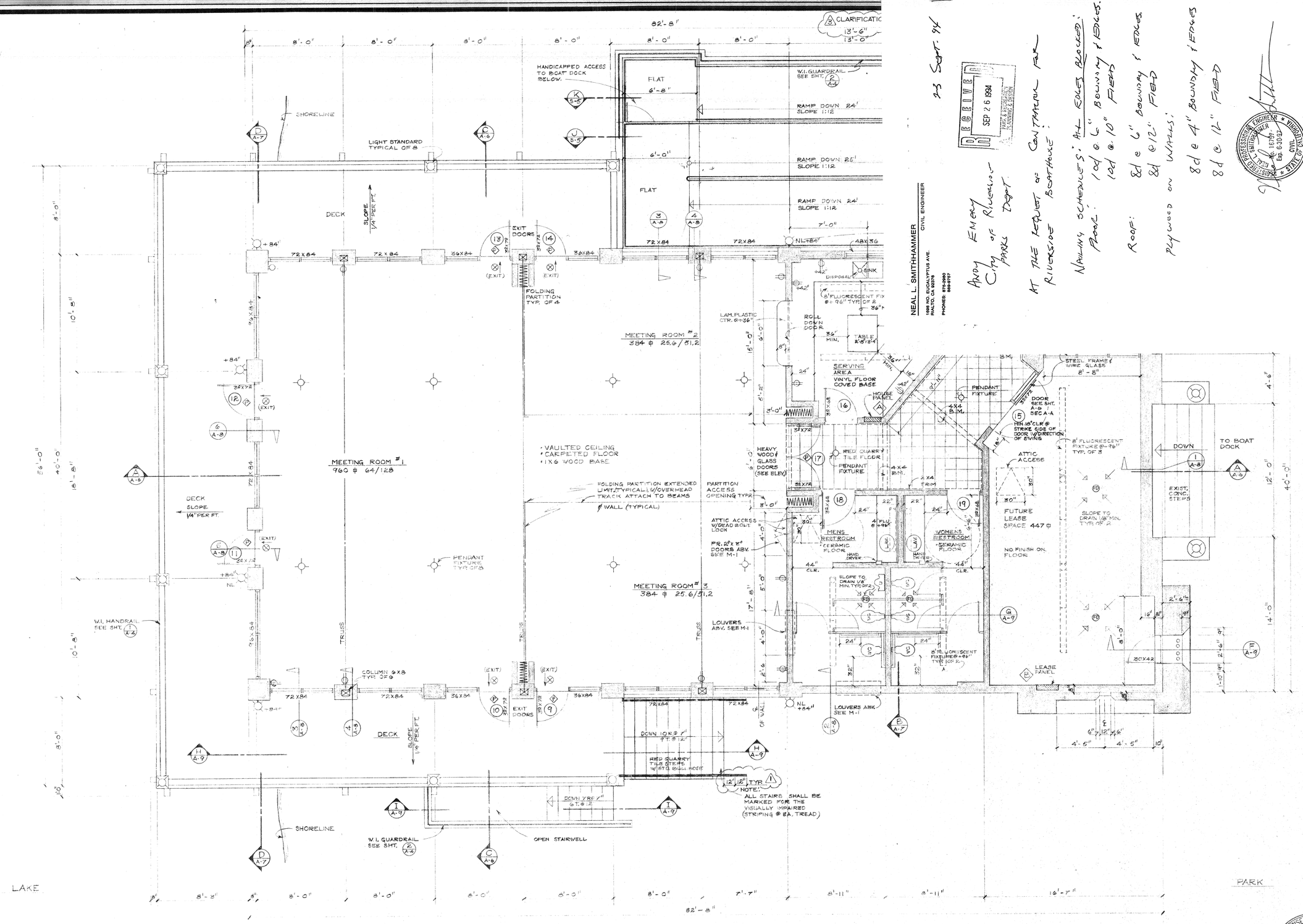
BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

LOWER LEVEL FLOOR PLAN

REVISIONS
11/02/92
01/13/93
8-10-93 BLDG DEPT.
DRAWN BY
RS

DATE: 10/10/91
JOB NUMBER
A-2
SHEET NO. 4
OF 23

PLAN NO. P-0113



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

AREA —		
	MEETING ROOMS	1960.00 S.F.
	SUPPORT ROOMS	873.52 S.F.
	FUTURE LEASE SP.	479.00 S.F.
	TOTAL	3,306.80 S.F.

(P) PANIC HARDWARE REQUIRED

PLAN NORTH

LICENSED ARCHITECT RICHARD P. FRICK C-5668 EXP. 8/31/95 STATE OF CALIFORNIA

NEAL L. SMITHHAMMER
CIVIL ENGINEER
1998 NO. EUCALYPTUS AVE.
RIALTO, CA 92376
PHONES: 875-2090
889-9757

23 Sept. 94

RECEIVED SEP 26 1994 PARKS & RECREATION PLANNING & DESIGN

Andy Emery
City of Riverside
Parks Dept.

At the request of Contractor for Riverside Boathouse:

Nailing schedules: All edges blocked:
Floor: 10d @ 6" boundary & edges.
10d @ 10" field

Roof: 8d @ 6" boundary & edges.
8d @ 12" field

Plywood on walls:
8d @ 4" boundary & edges
8d @ 12" field

REGISTERED PROFESSIONAL ENGINEER NEAL L. SMITHHAMMER No. 16797 Exp. 6-30-97 CIVIL STATE OF CALIFORNIA

Cole & Frick Architects, A.I.A.
4195 Chestnut Street
Riverside, California
92501 714/684-4011

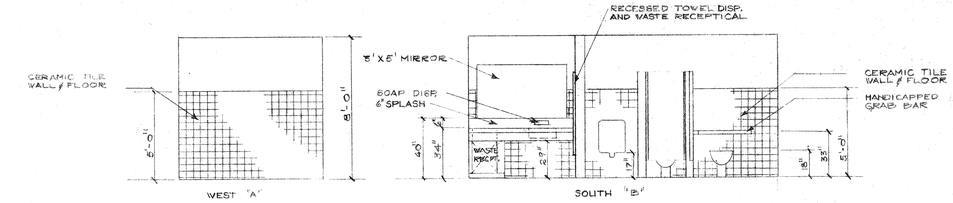
BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

SECOND FLOOR PLAN

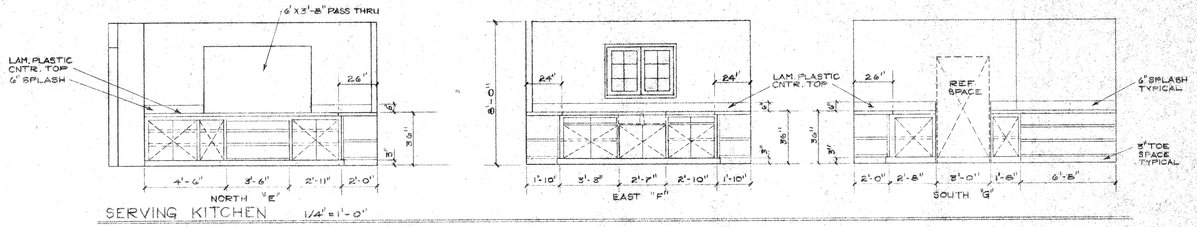
REVISIONS
11/02/92
01/13/93
1 8-10-93 BLDG. DEPT.
DRAWN BY
3 10-4-93
RS

DATE: 10/10/91
JOB NUMBER
A-3
SHEET NO. 5
OF 25

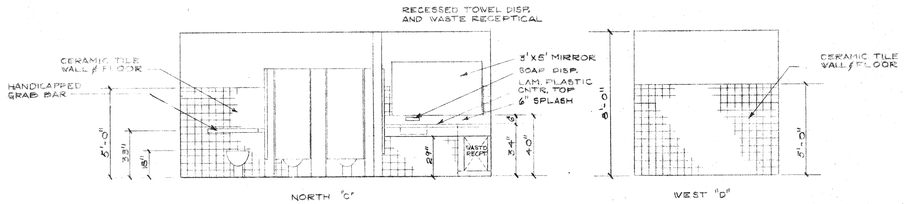
PLAN NO. P-0113



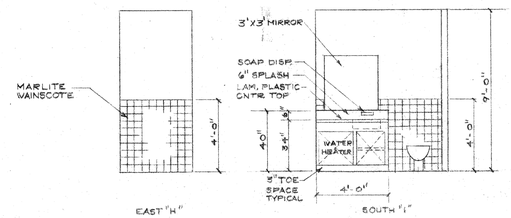
MEN 1/4" = 1'-0"



SERVING KITCHEN 1/4" = 1'-0"



WOMEN 1/4" = 1'-0"

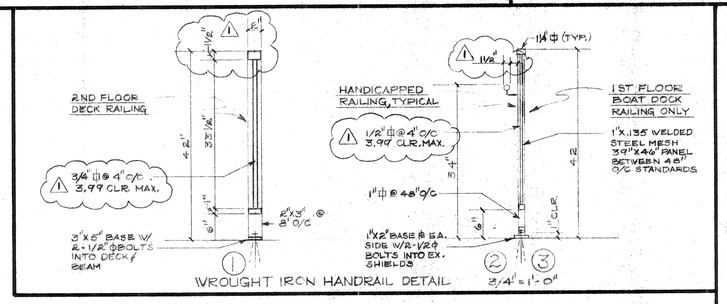


RENTAL OFFICE RESTROOM 1/4" = 1'-0"

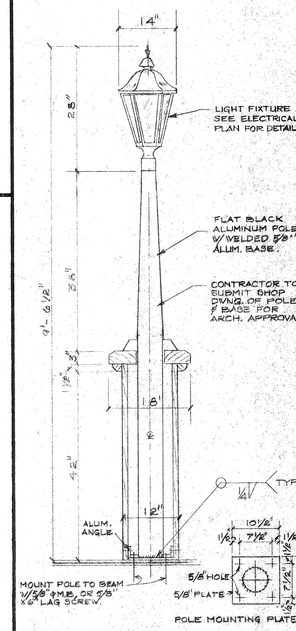
INTERIOR COLOR SCHEDULE

LOWER LEVEL:
- WALLS & CEILINGS - OFF WHITE
- RESTROOM TILE WALLS & FLOOR — TAN
- FIXTURES - WHITE
- COUNTER TOP — TAN
- CABINET — WHITE
- DOORS — MED. BRN.

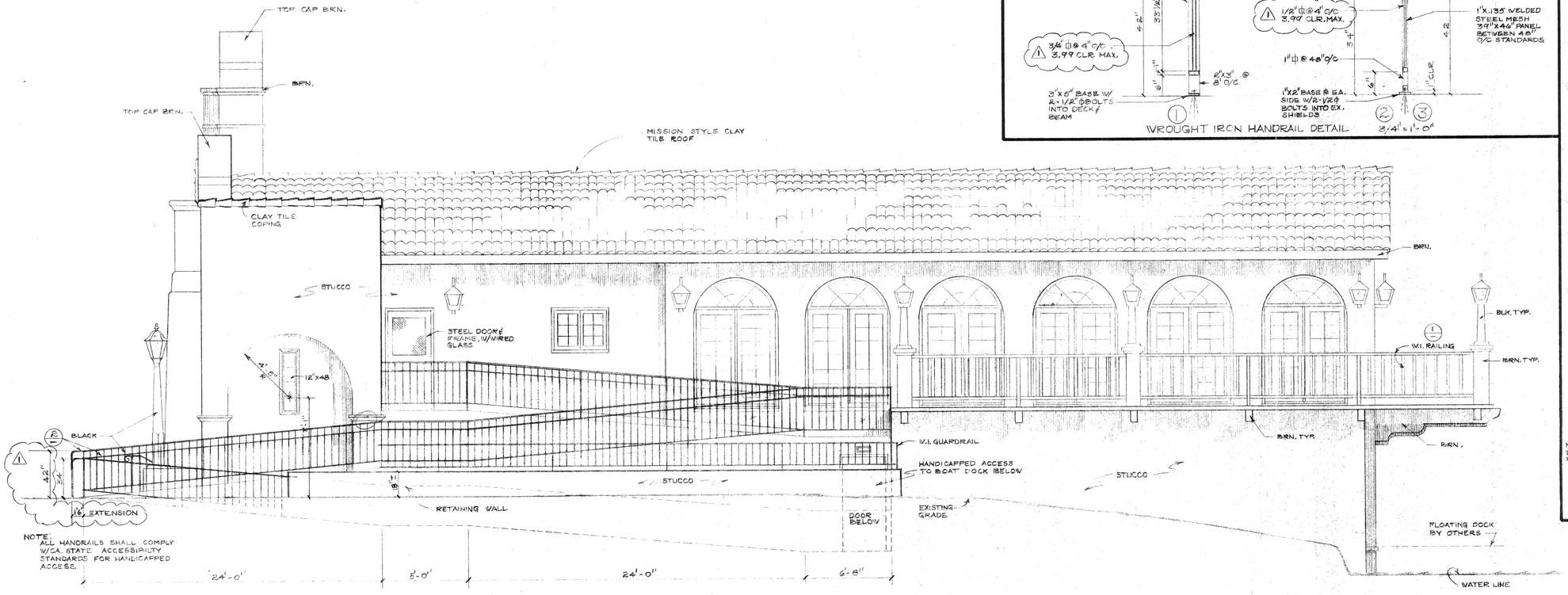
SECOND FLOOR:
- WALLS & CEILINGS — OFF WHITE
- WOOD TRUSSES & WOOD TRIM — DARK BRN.
- ENTRY STAIRS & FLOOR — RED QUARRY TILE
- MENS RESTROOM TILE — TAN
- FIXTURES — WHITE
- COUNTER TOP — TAN, CABINET — WHITE
- PARTITIONS — LIGHT BLUE
- WOMENS RESTROOM TILE WALL & FLOOR — SALMON
- FIXTURES — WHITE
- COUNTER TOP — SALMON, CABINET — WHITE
- PARTITIONS — LIGHT PINK
- SERVING AREA COUNTER — TAN, CABINETS — WHITE
- FLOOR VINYL — MED. BRN.
- MEETING ROOM CARPET — MED. BRN.



WROUGHT IRON HANDRAIL DETAIL 3/4" = 1'-0"



LIGHT STANDARD DETAIL 3/4" = 1'-0"
TYPICAL OF 8



NOTE:
ALL HANDRAILS SHALL COMPLY W/ CA. STATE ACCESSIBILITY STANDARDS FOR HANDICAPPED ACCESS.

COLOR SCHEDULE:
EXTERIOR DOORS, WINDOW FRAMES, TRIM, BEAMS, WOOD LIGHT STDS BROWN (BRN).
ALL OTHER EXTERIOR SURFACES STUCCO FINISH COAT OFF WHITE.
ALL HANDRAILS BLACK.
ROOF VENTS COLOR TO MATCH TILE

CONTRACTOR SHALL SUBMIT COLOR SAMPLES TO PARK & REC. AND C.H.B. STAFF FOR APPROVAL.
STUCCO TEXTURE TO MATCH THE FOX THEATER 3801 7th ST. RIVERSIDE.

NOTE:
ALL DOOR & WINDOW GLASS SHALL BE TEMPERED.

EAST ELEVATION

PLAN NORTH

1/4" = 1'-0"

LICENSED ARCHITECT RICHARD P. FRICK C-5668 EXP. 8/31/95 STATE OF CALIFORNIA

Cole & Frick Architects, A.I.A.
4195 Chestnut Street
Riverside, California
92501 714/684-4011

BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

EAST ELEVATION
LIGHT COL.
RESTROOM & SERVING KITCHEN
INTERIOR ELEVATIONS

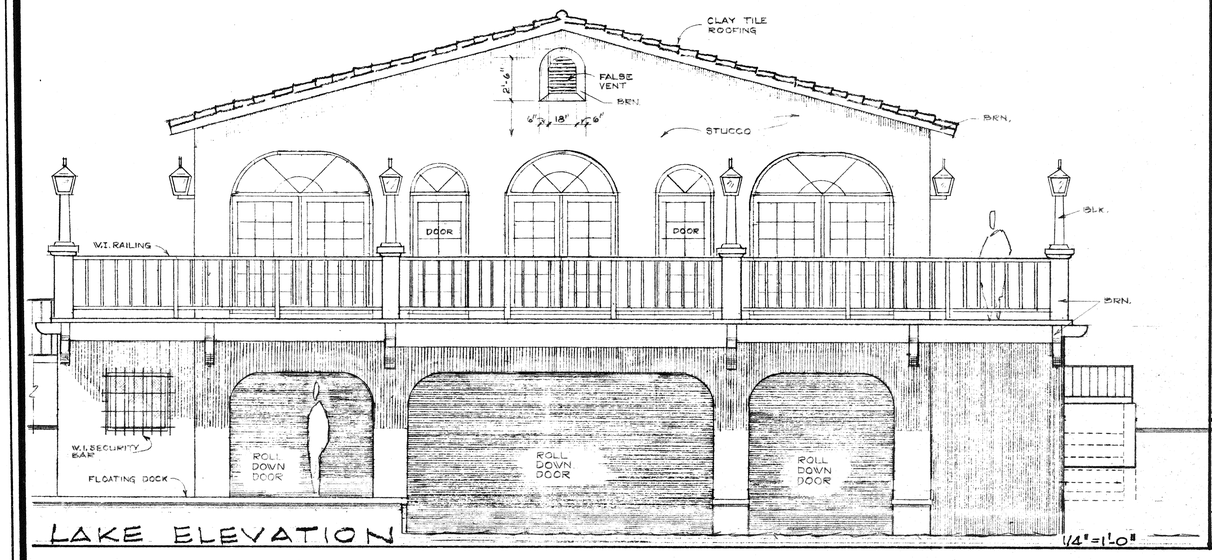
REVISIONS
11/02/92
01/13/93
△ 8-10-93 BLDG. DEPT.

DRAWN BY: PS

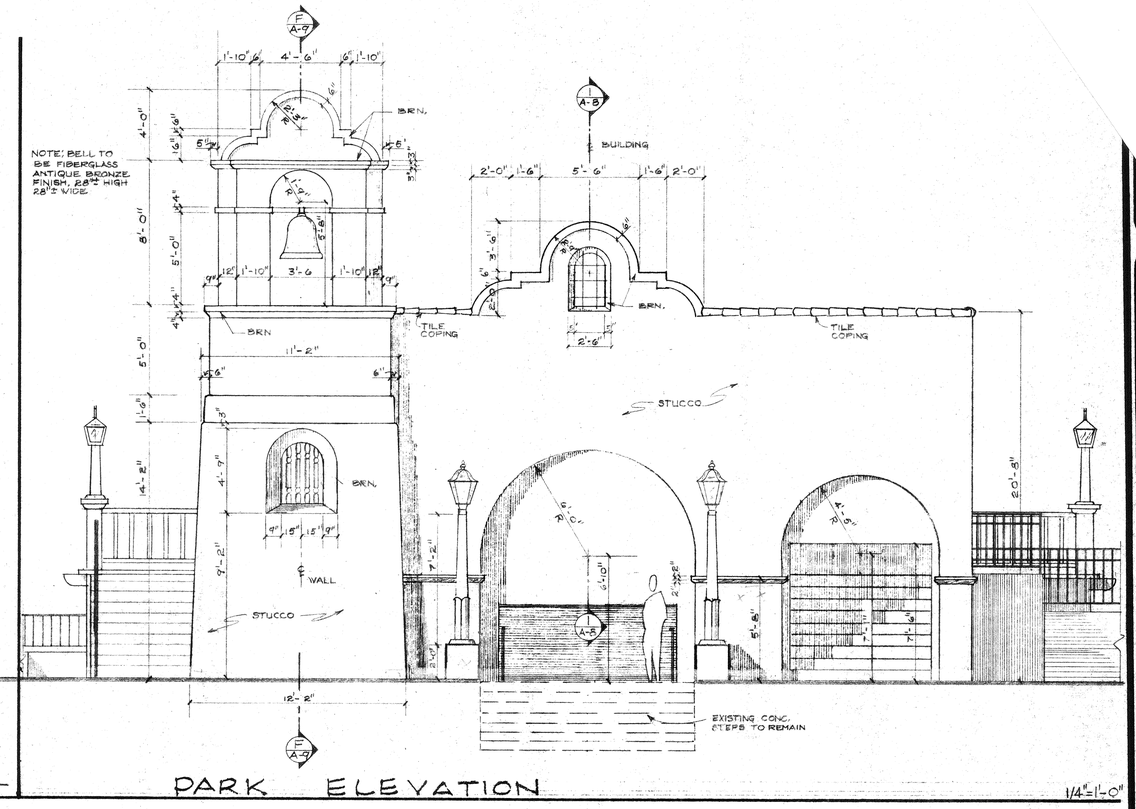
DATE: 10/10/91
JOB NUMBER

A-4
SHEET NO. 6
OF 25

PLAN NO. P-0113



LAKE ELEVATION 1/4"=1'-0"

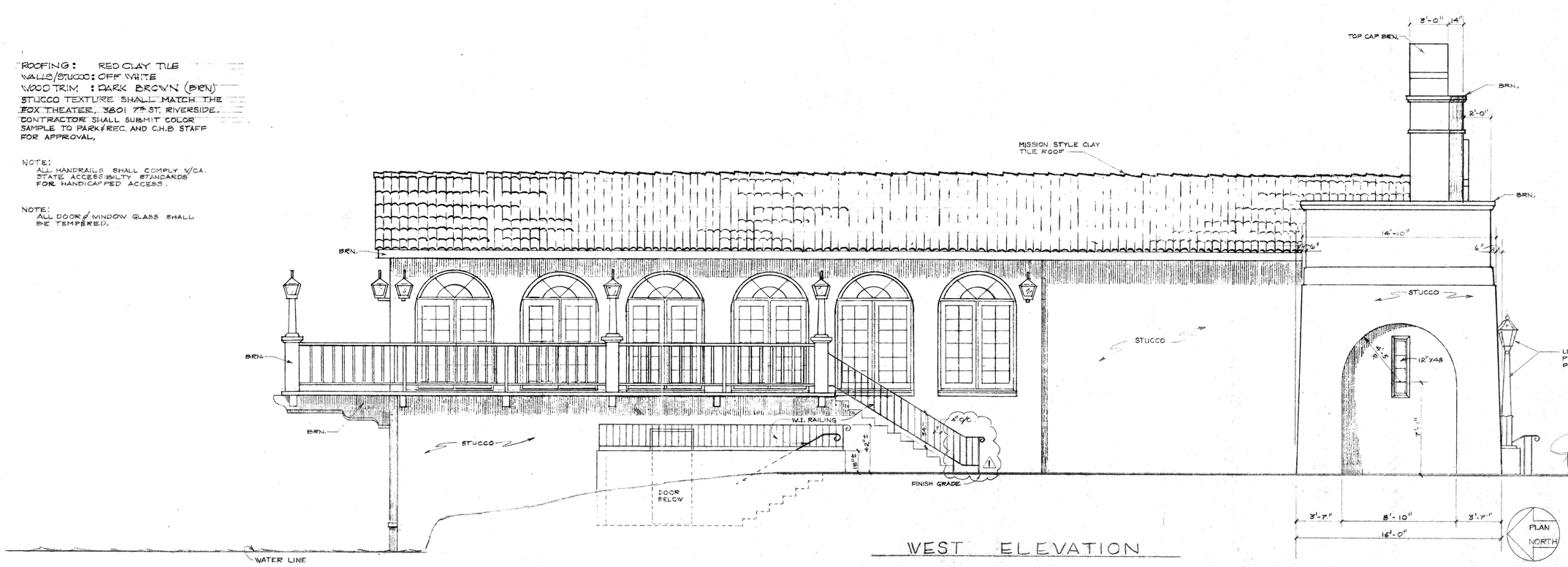


PARK ELEVATION 1/4"=1'-0"

ROOFING: RED CLAY TILE
WALLS/STUCCO: OFF WHITE
WOOD TRIM: DARK BROWN (BRN)
STUCCO TEXTURE SHALL MATCH THE FOX THEATER, 3801 7th ST. RIVERSIDE.
CONTRACTOR SHALL SUBMIT COLOR SAMPLE TO PARK & REC. AND C.H.B STAFF FOR APPROVAL.

NOTE:
ALL HANDRAILS SHALL COMPLY W/CA. STATE ACCESSIBILTY STANDARDS FOR HANDICAPPED ACCESS.

NOTE:
ALL DOOR & WINDOW GLASS SHALL BE TEMPERED.



WEST ELEVATION 1/4"=1'-0"

LICENSED ARCHITECT
RICHARD P. FRICK
C-5668
EXP. 3/31/95
STATE OF CALIFORNIA

BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

EXTERIOR ELEVATIONS

REVISIONS
11/02/92
01/13/93
8-10-93 BLDG. DEPT.

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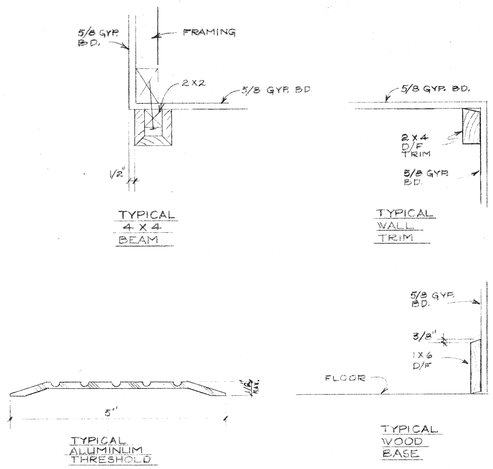
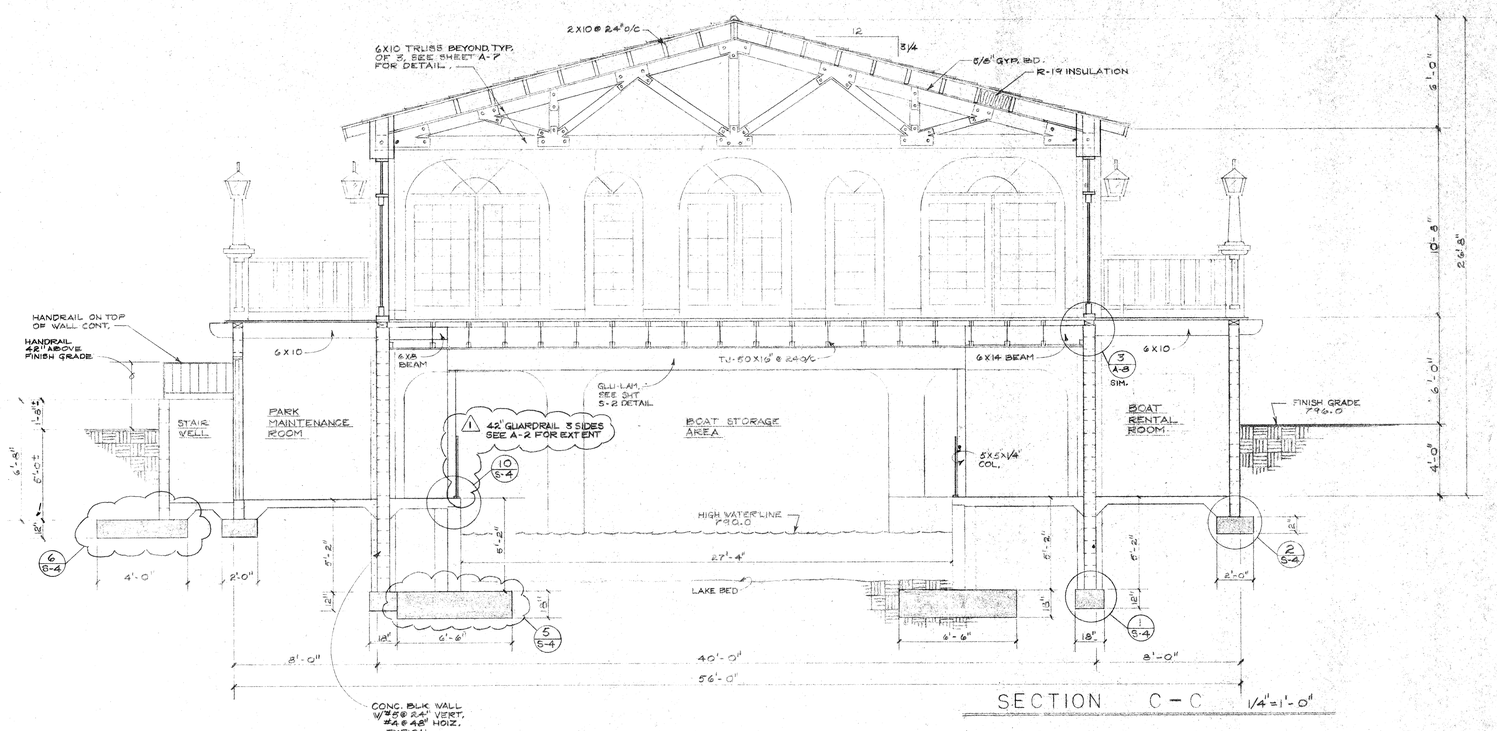
RS

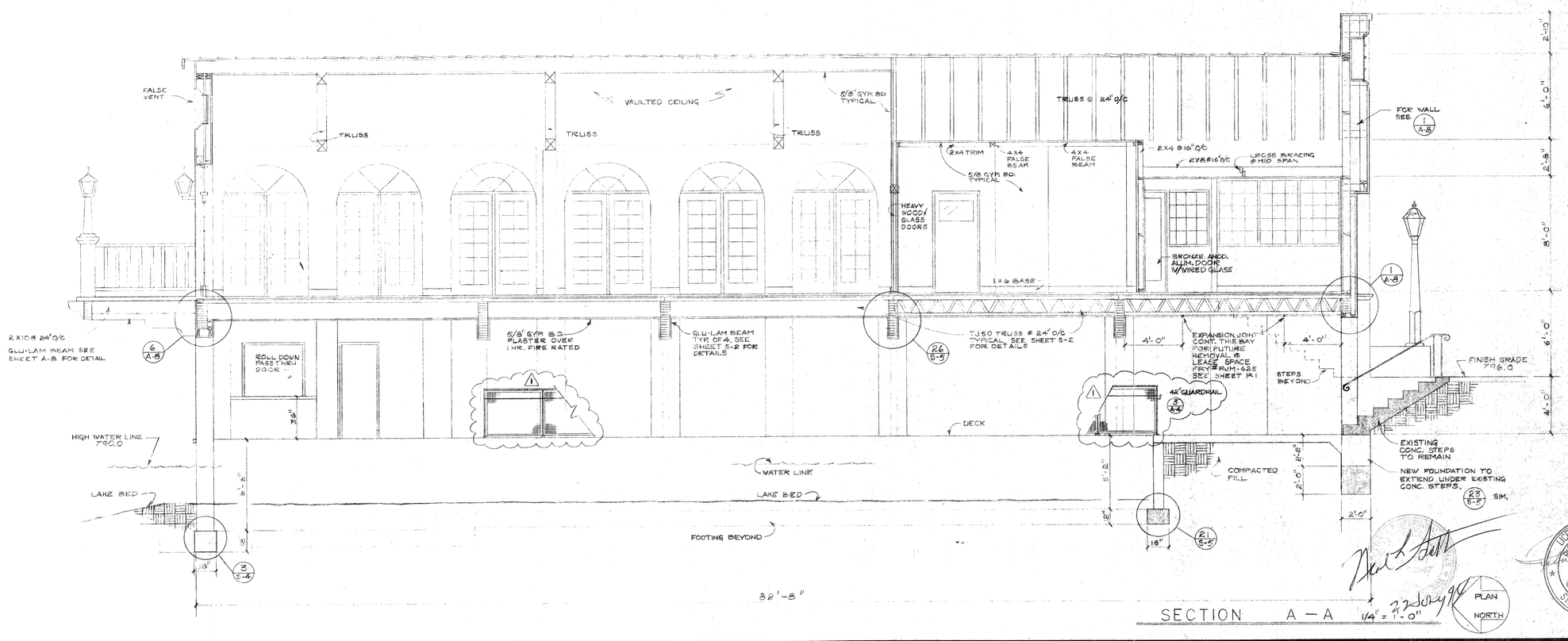
DATE: 10/10/91
JOB NUMBER

A-5
SHEET NO. 7
OF 25

PLAN NO. P-0113







Cole & Frick Architects, A.I.A.
4195 Chestnut Street
Riverside, California
92501 714/684-4011

BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

SECTIONS A & C

REVISIONS
11/02/92
01/13/93
8-10-93 BLDG. DEPT.

DRAWN BY
RG

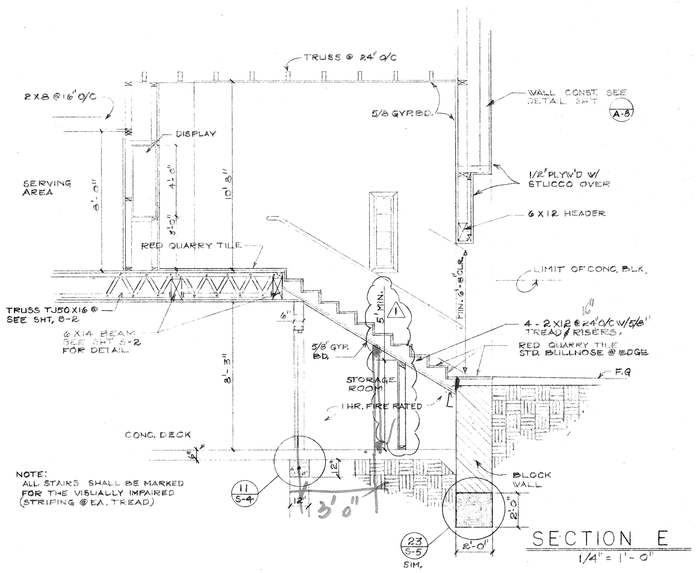
DATE: 10/10/91

JOB NUMBER

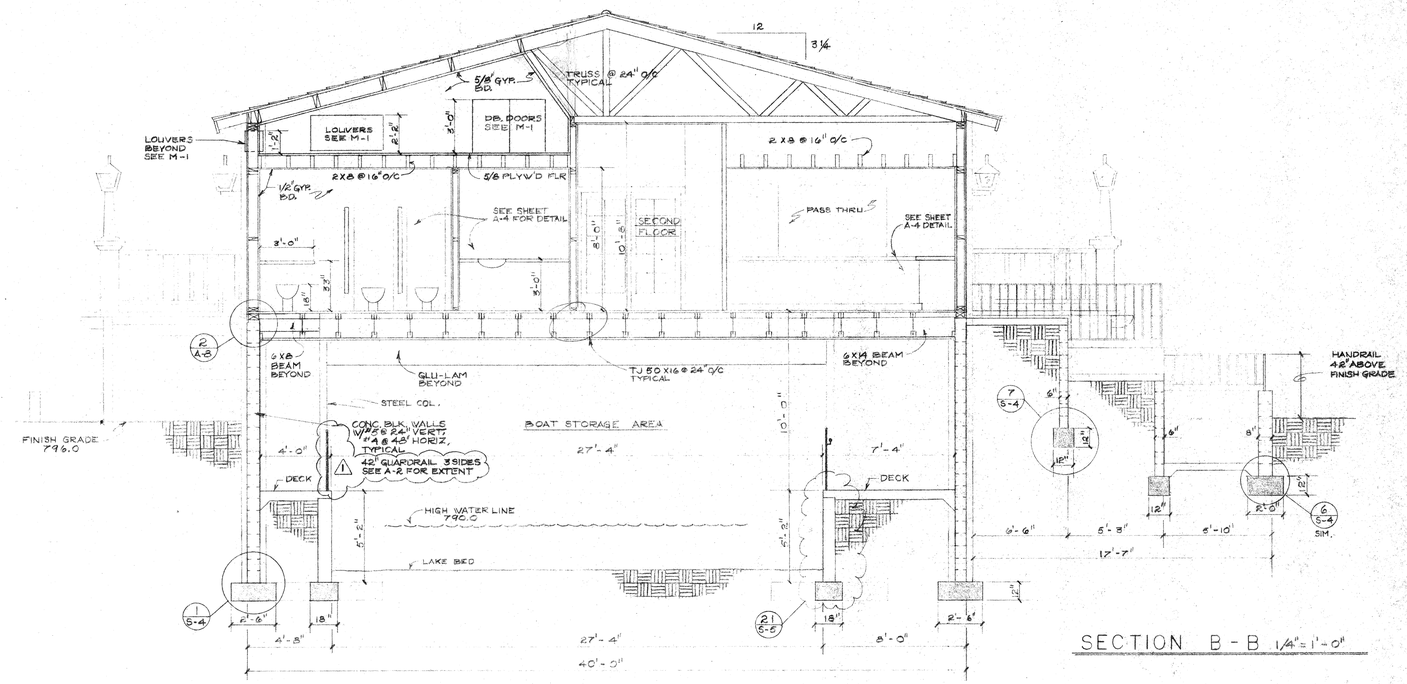
A-6

SHEET NO. 8 OF 25

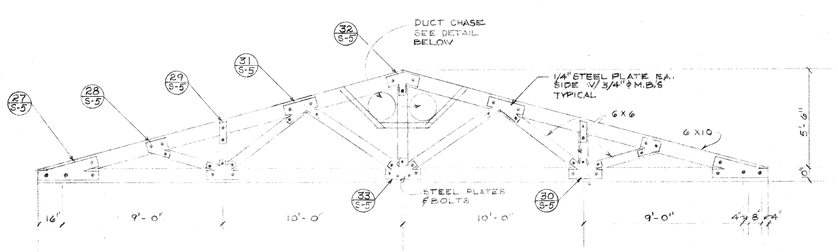
PLAN NO. P-0113



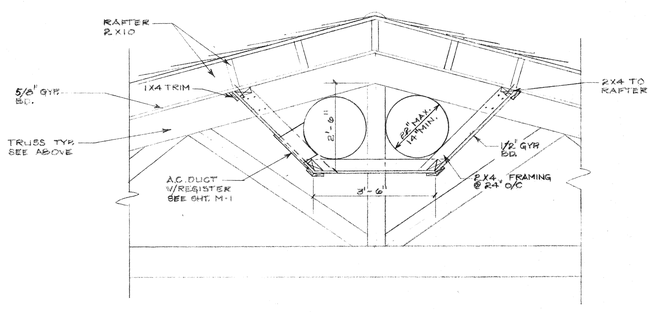
SECTION E
1/4" = 1'-0"



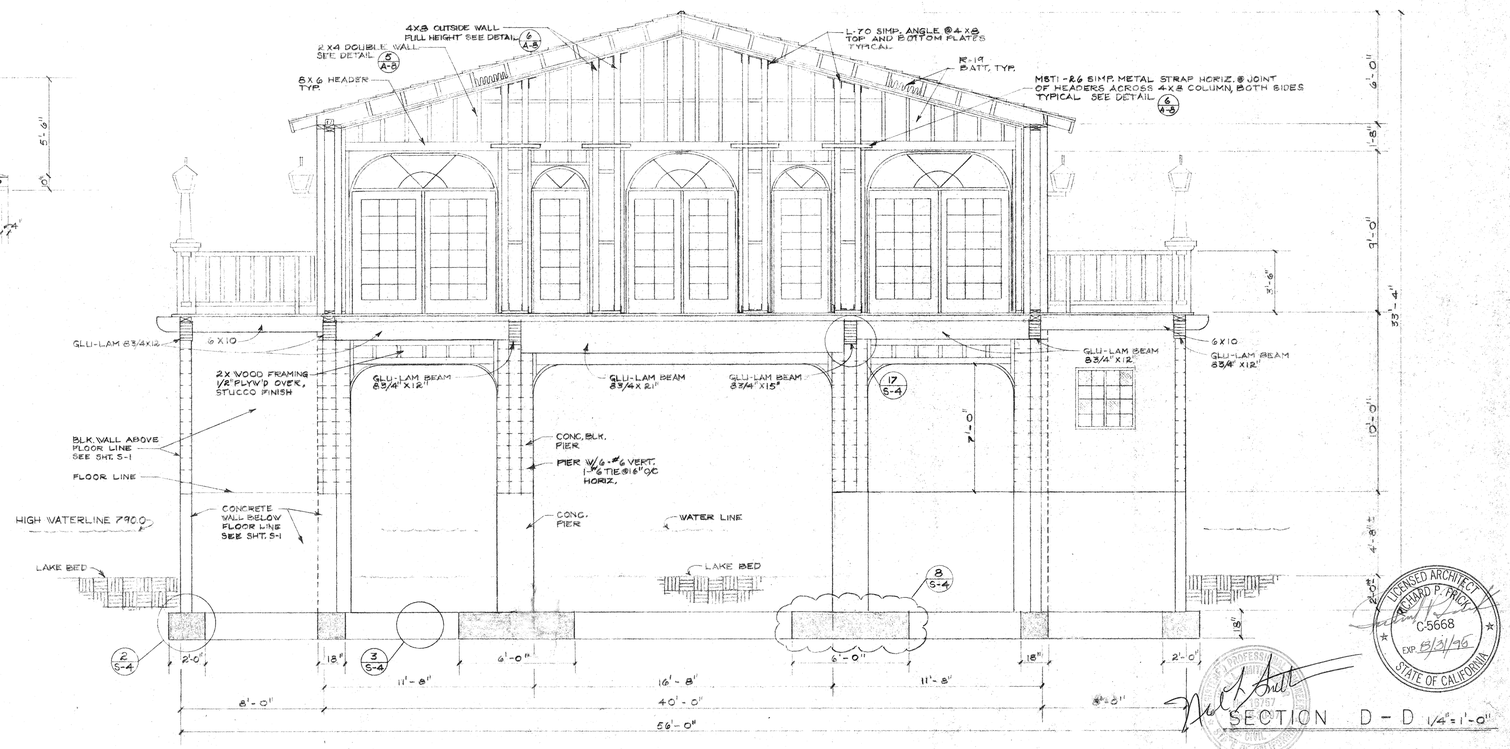
SECTION B - B 1/4" = 1'-0"



TRUSS ELEVATION 1/4" = 1'-0"



DUCT CHASE SECTION 1/2" = 1'-0"



SECTION D - D 1/4" = 1'-0"

LICENSED ARCHITECT RICHARD P. TRUCK C-5668 EXP. 12/31/96 STATE OF CALIFORNIA

22 Jul 97

Cole & Trick Architects, A.I.A.
4195 Chestnut Street
Riverside, California
92501 714/684-4011

BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

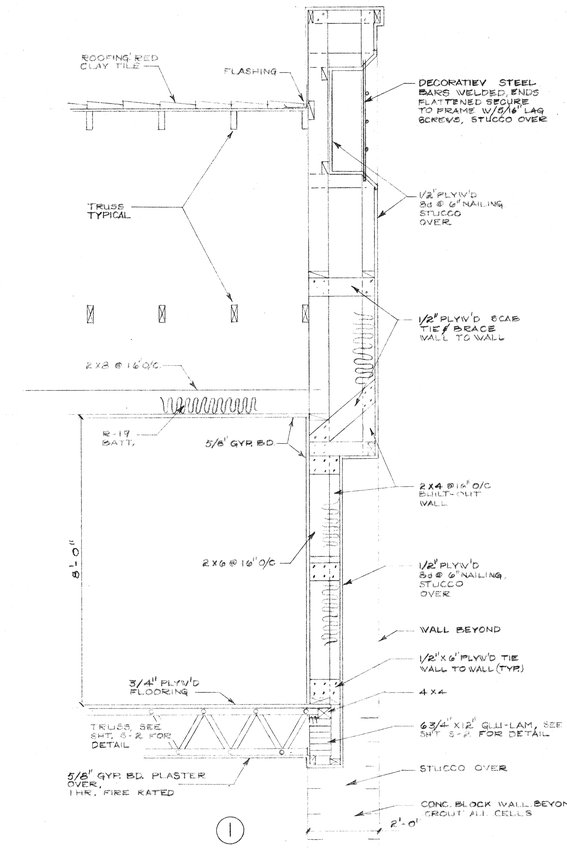
SECTIONS B,D, & E
TRUSS ELEVATION

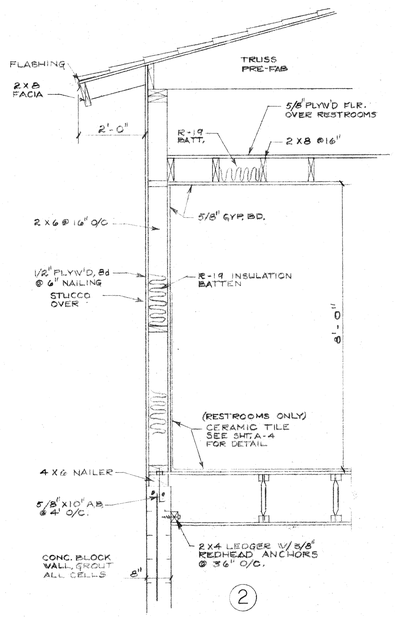
REVISIONS
11/02/92
03/13/93
△ 8-10-93 BLDG. DEPT.
DRAWN BY
RS

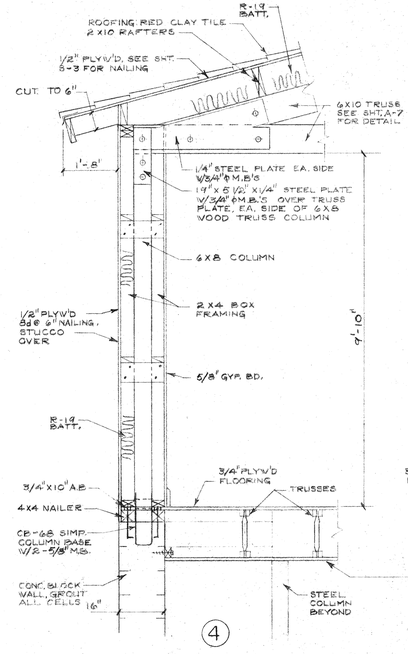
DATE: 10/10/91
JOB NUMBER

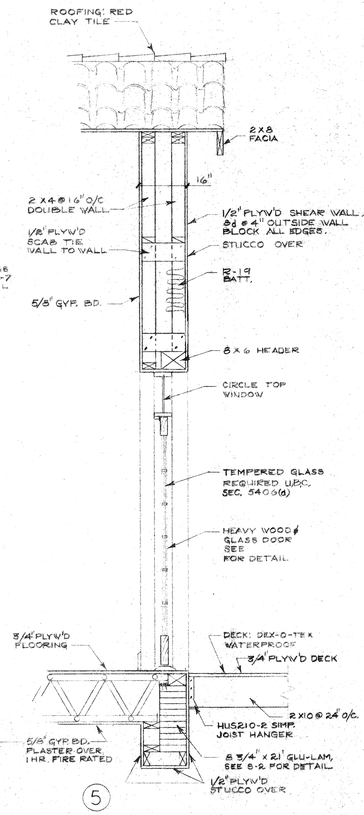
A-7
SHEET NO. 9
OF 25

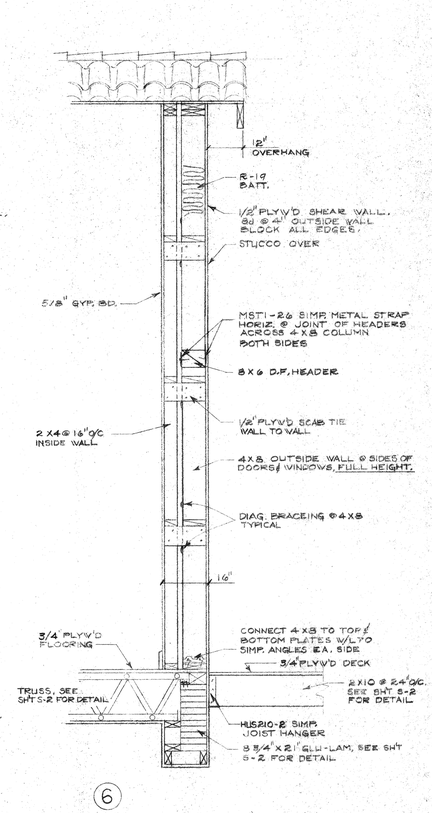
PLAN NO. P-0113

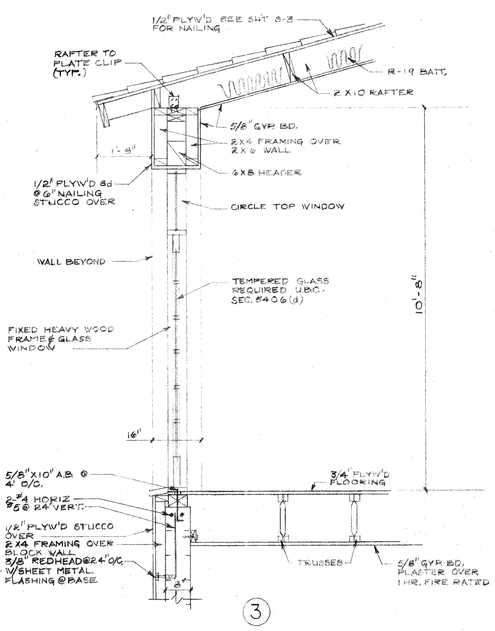


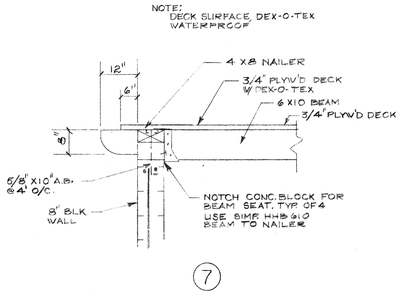


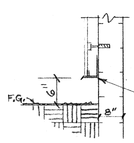


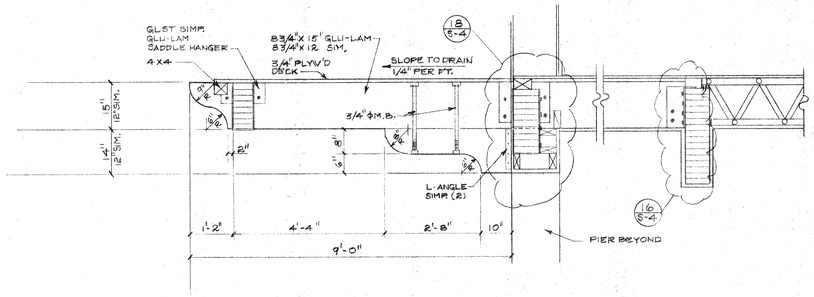












22 June 94

WALL SECTION DETAILS 1/2" = 1'-0"

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BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
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WALL SECTION DETAILS

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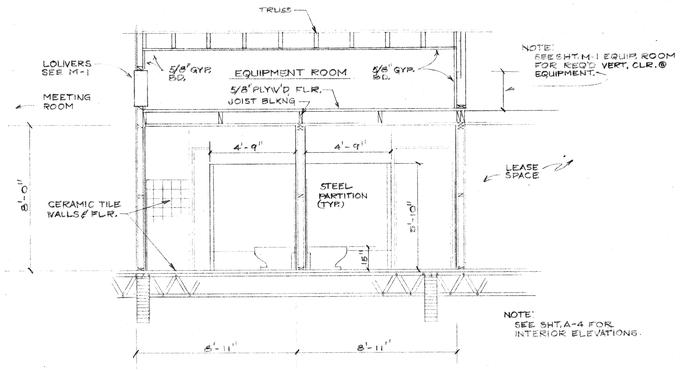
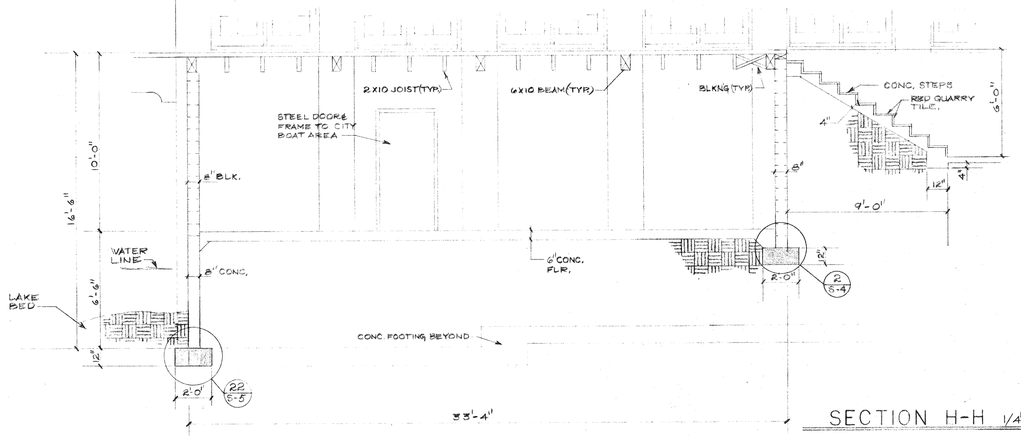
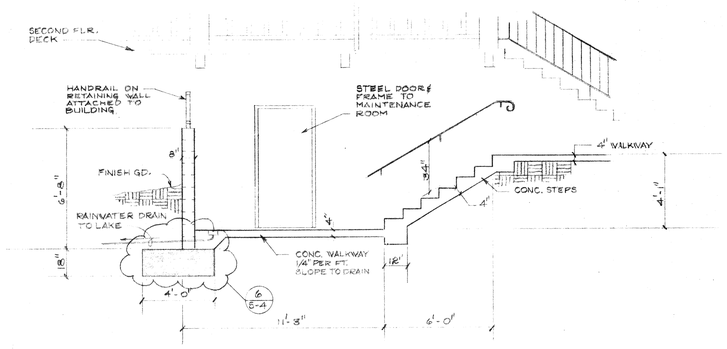


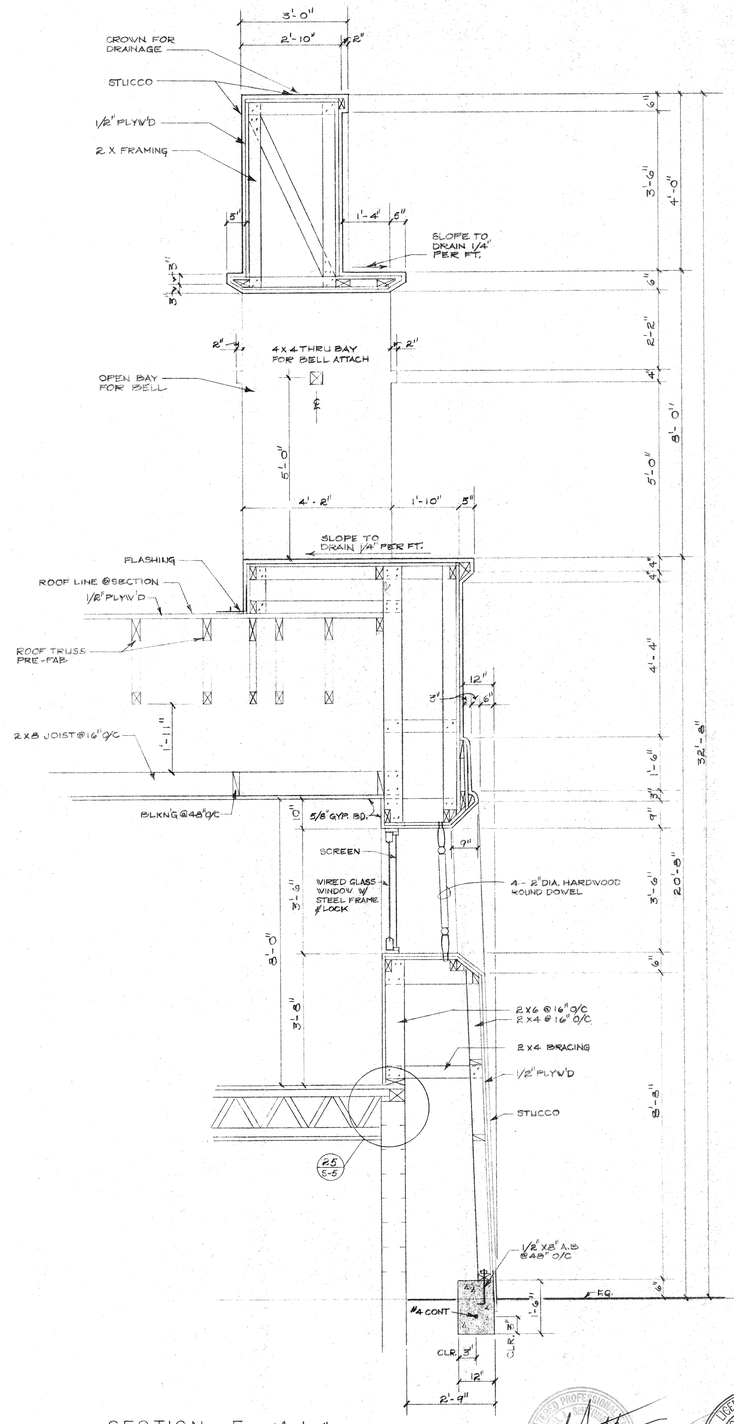
SECTION - G 1/4" = 1'-0"



SECTION H-H 1/4" = 1'-0"



SECTION I-I 1/4" = 1'-0"



SECTION - F 1/2" = 1'-0"

22 JULY 94

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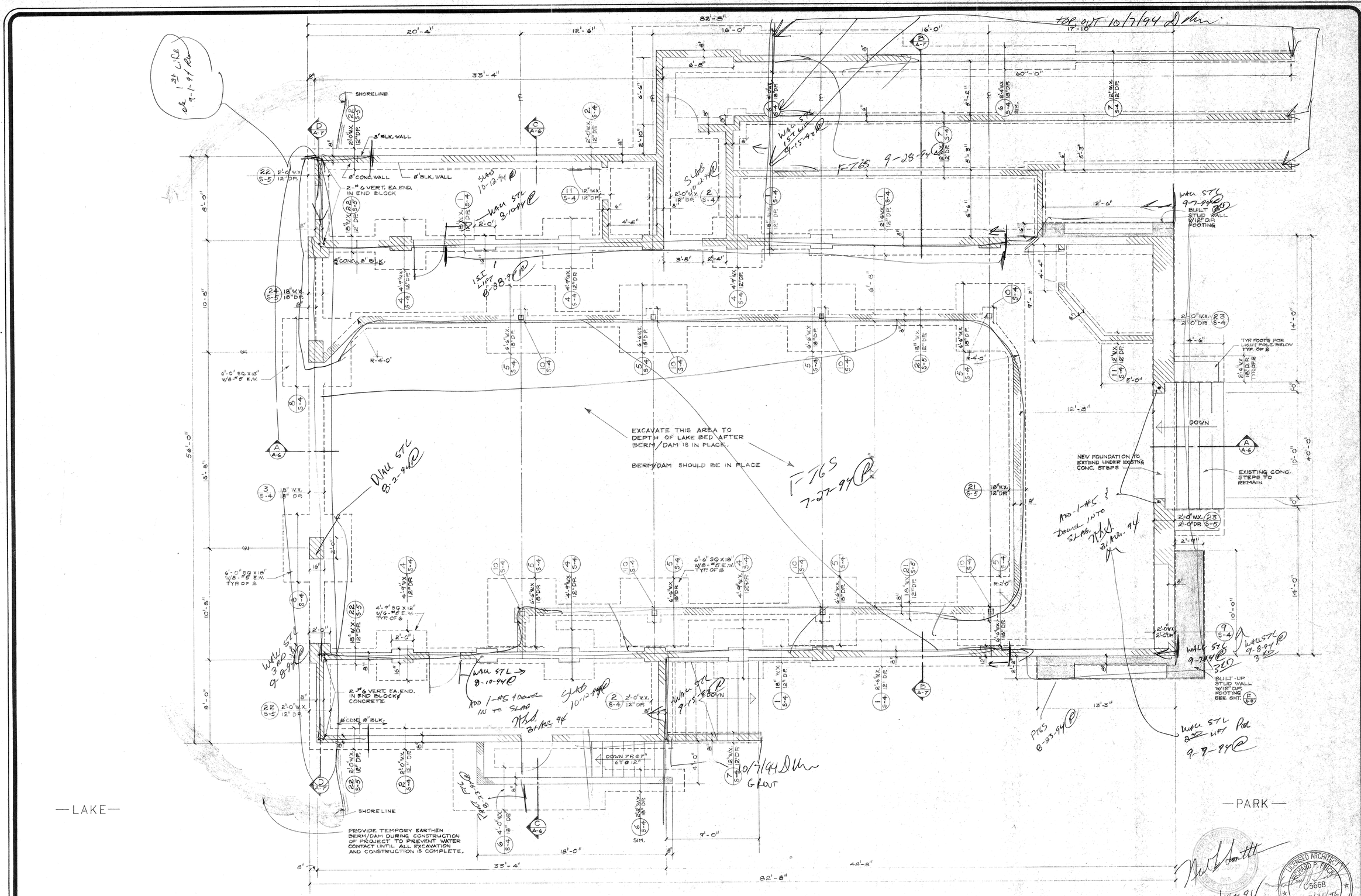

FOUNDATION PLAN 1/4" = 1'-0"

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FOUNDATION PLAN

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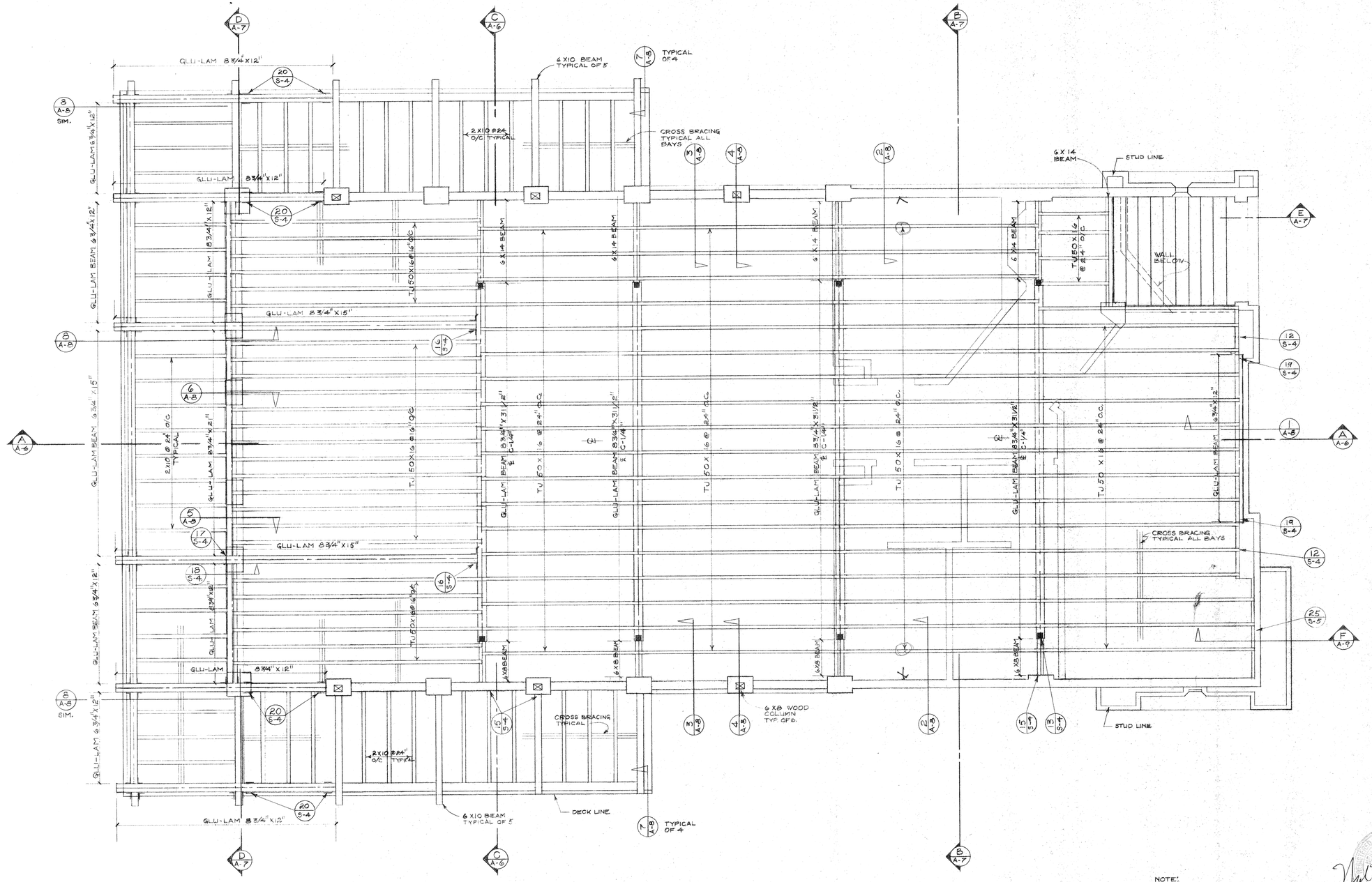
PLAN NO. P-0113



NOTE:
BEFORE CONSTRUCTION BEGINS SUBMIT ALL TRUSS CALCULATIONS TO BUILDING DEPARTMENT FOR APPROVAL

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

PLAN NORTH

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SECOND FLOOR FRAMING PLAN

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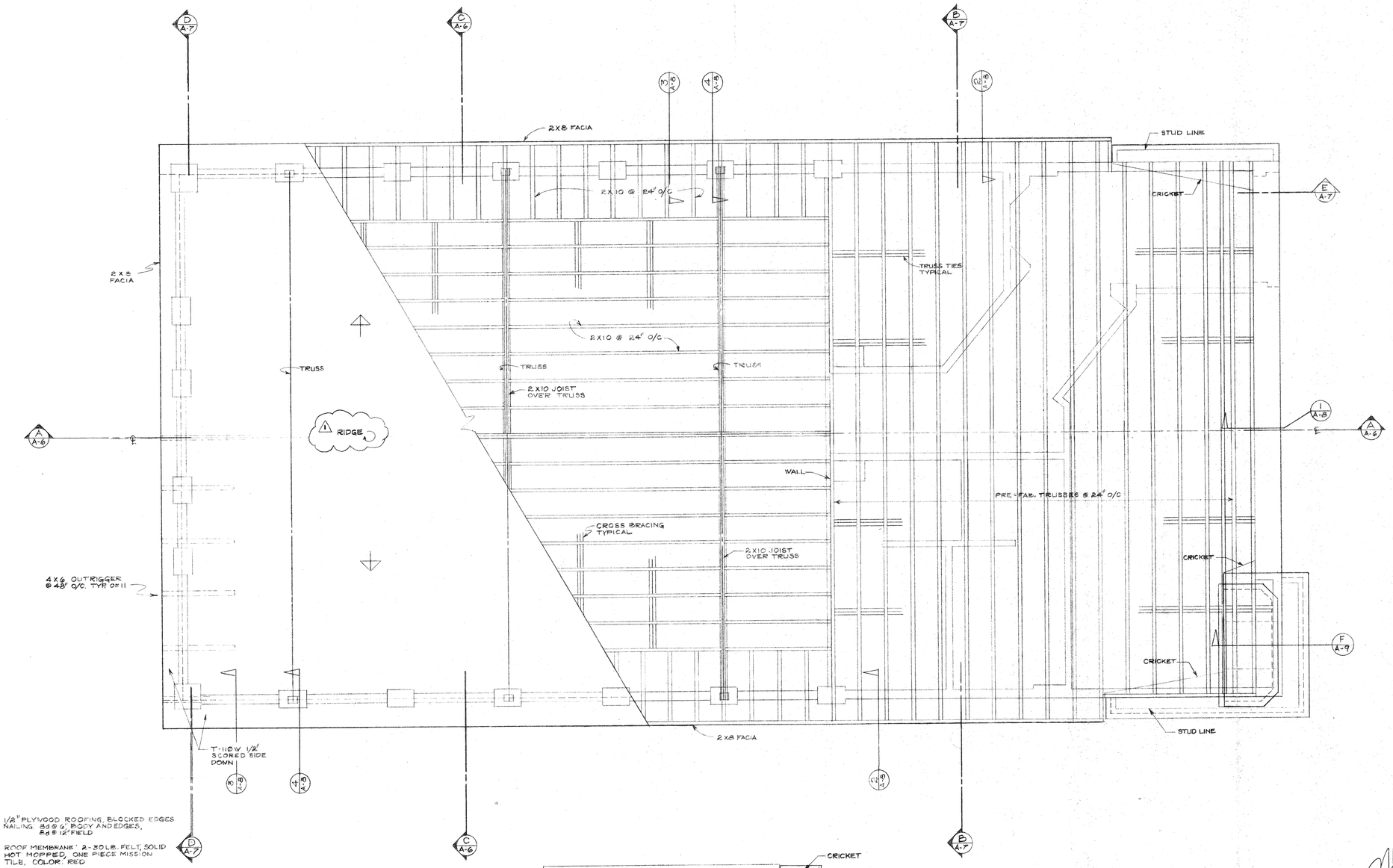
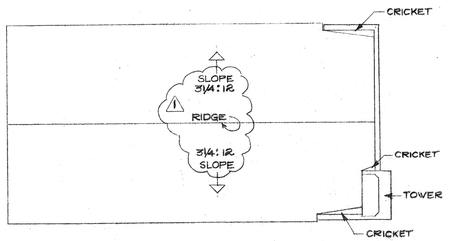


NOTE: 1/2" PLYWOOD ROOFING, BLOCKED EDGES NAILING, 8d @ 6" BODY AND EDGES, 8d @ 12" FIELD

ROOF MEMBRANE: 2-30 LB. FELT, SOLID HOT MOPPED, ONE PIECE MISSION TILE, COLOR: RED



AREA: 3608.00 S.F.

ROOF PLAN 1/16" = 1'-0"

NOTE: BEFORE CONSTRUCTION BEGINS SUBMIT ALL TRUSS CALCULATIONS TO BUILDING DEPARTMENT FOR APPROVAL

ROOF FRAMING PLAN 1/4" = 1'-0"

PLAN NORTH

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ROOF FRAMING PLAN

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1 8-10-93 BLDG. DEPT.

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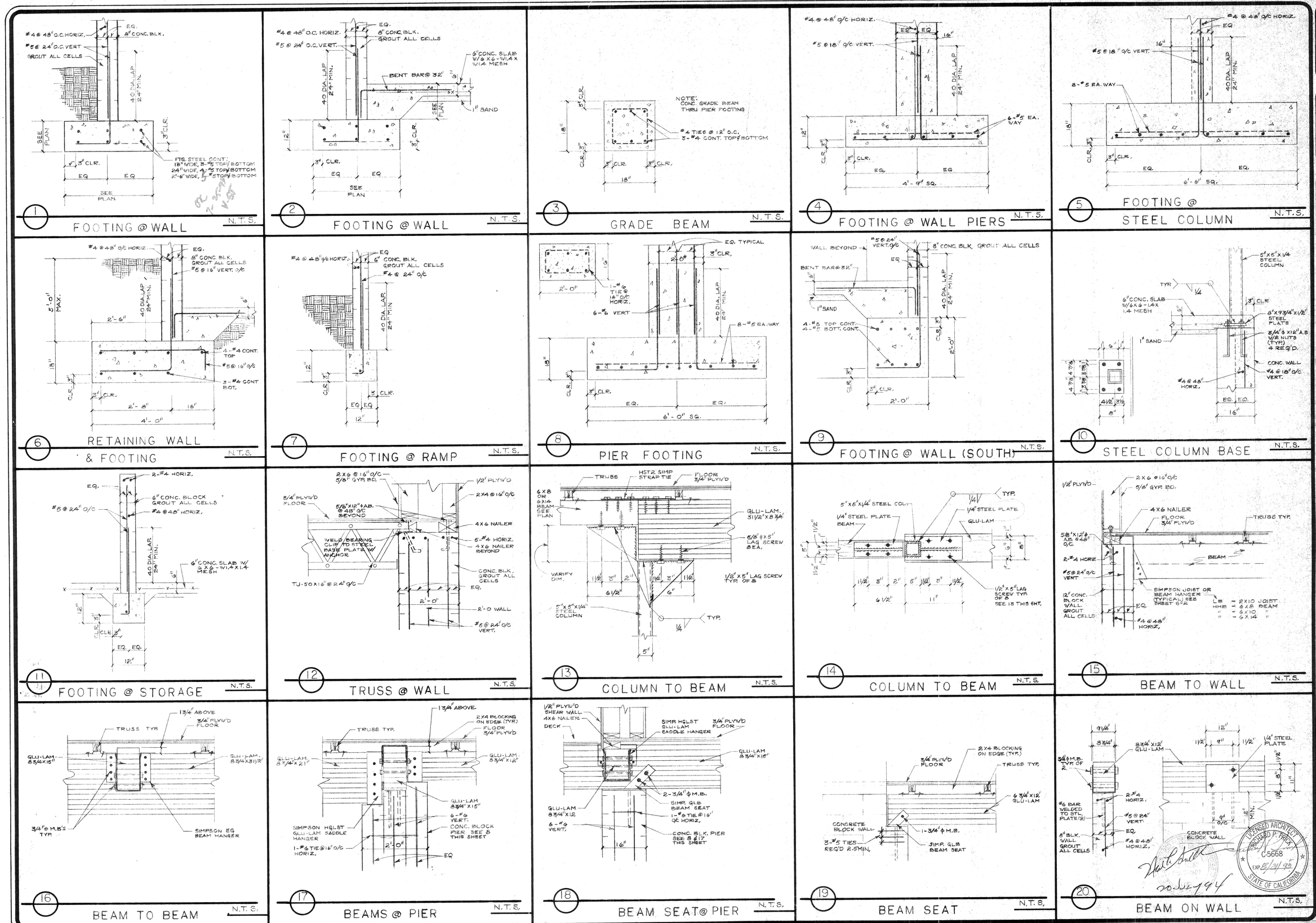

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BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
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DETAILS

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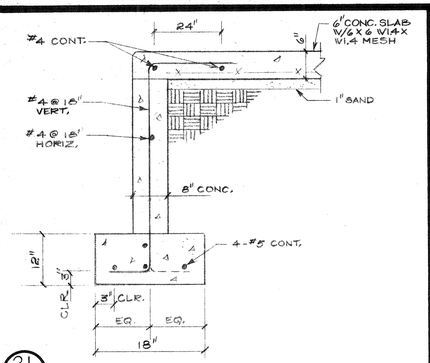
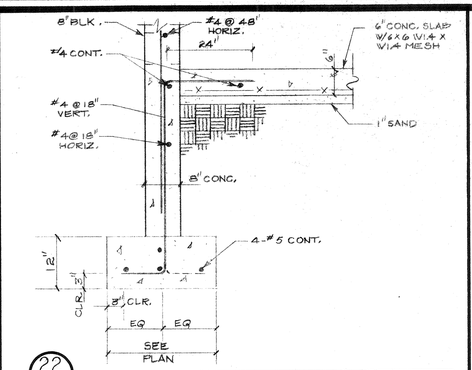
SHEET NO. 15
OF 25

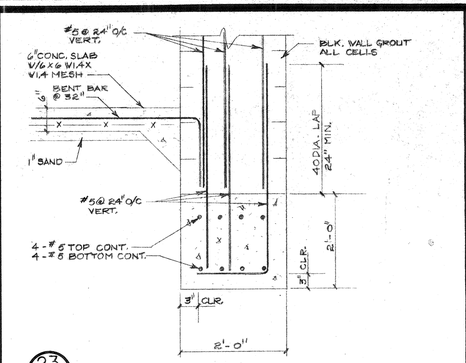
PLAN NO. P-0113



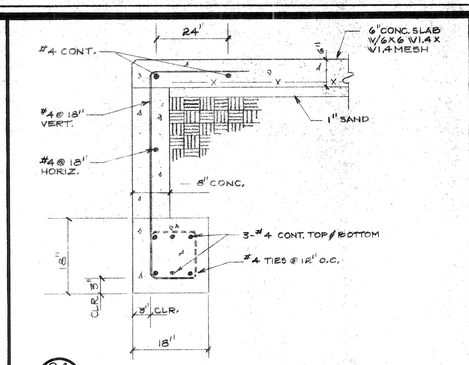
21 FOOTING @ DOCK N.T.S.



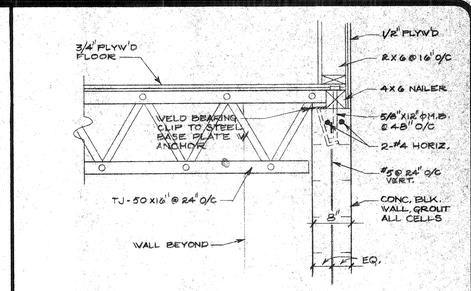
22 FOOTING @ WALL & FLOOR N.T.S.



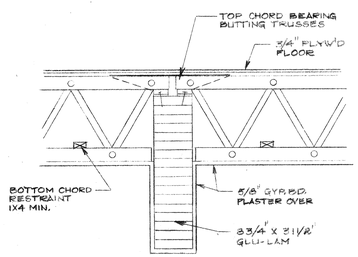
23 FOOTING @ WALL (SOUTH) N.T.S.



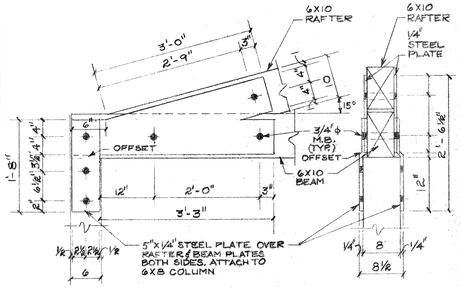
24 FOOTING @ DOCK N.T.S.



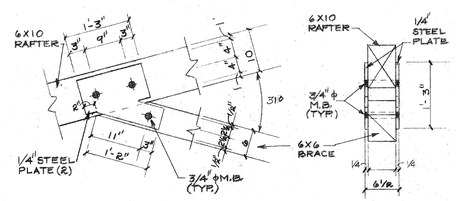
25 TRUSS @ WALL (SOUTH) N.T.S.



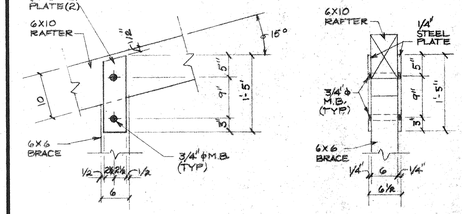
26 TRUSS @ GLU-LAM N.T.S.



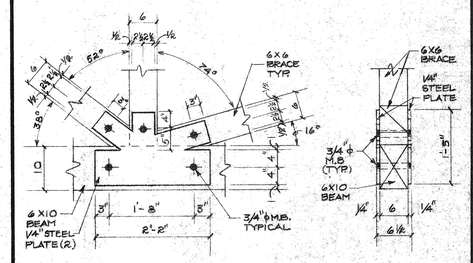
27 TRUSS BRACKET 3/4"=1'-0"



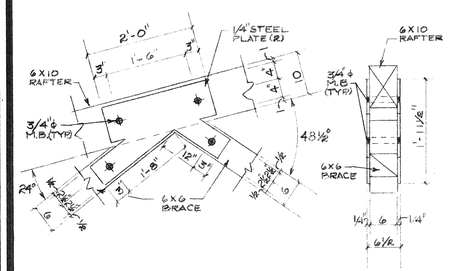
28 TRUSS BRACKET 3/4"=1'-0"



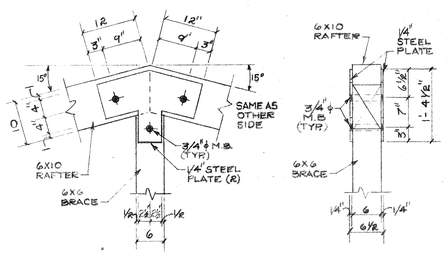
29 TRUSS BRACKET 3/4"=1'-0"



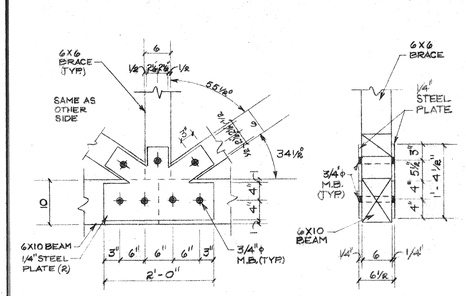
30 TRUSS BRACKET 3/4"=1'-0"



31 TRUSS BRACKET 3/4"=1'-0"



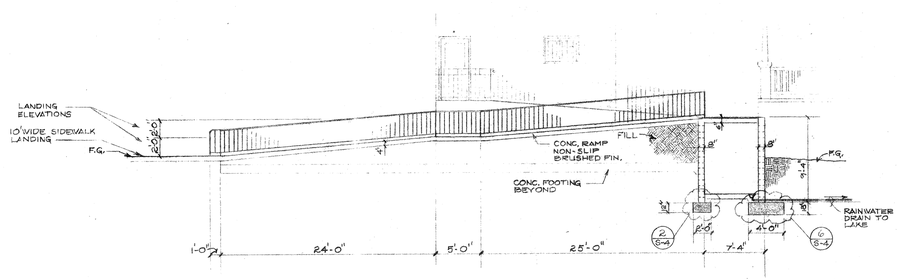
32 TRUSS BRACKET 3/4"=1'-0"



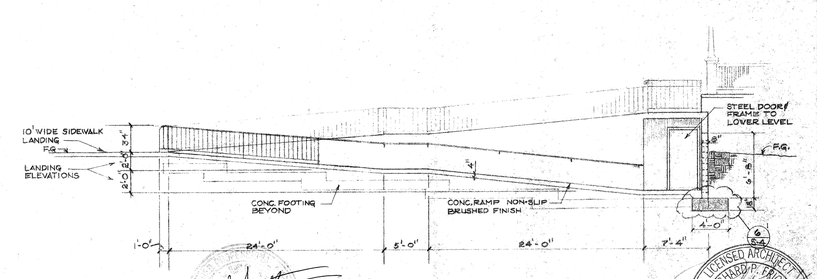
33 TRUSS BRACKET 3/4"=1'-0"

NOTE:

TRUSS BRACKETS SHALL HAVE ALL 3/4" HOLES TO MATCH OPPOSING BRACKET. 3/4" ϕ M.B. @ ALL LOCATIONS W/WASHERS & NUTS. DIMENSIONS & ANGLES TO BE VERIFIED BEFORE CONSTRUCTION.



SECTION J – J 1/8" = 1'-0"



SECTION K – K 1/8" = 1'-0"

28 July 94

LICENSED ARCHITECT RICHARD P. FRICK C-5668 EXP. 2-31-95 STATE OF CALIFORNIA

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BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
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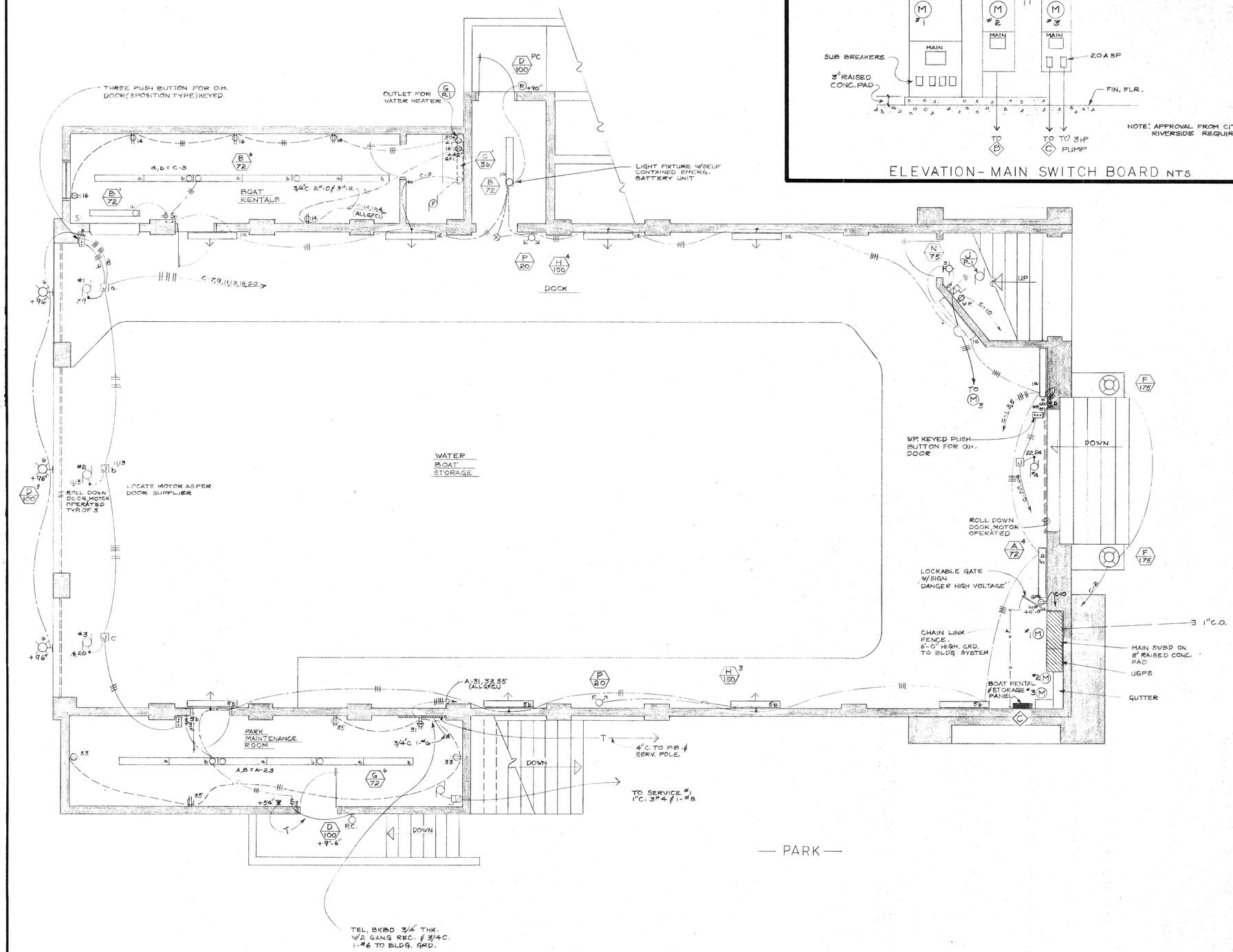
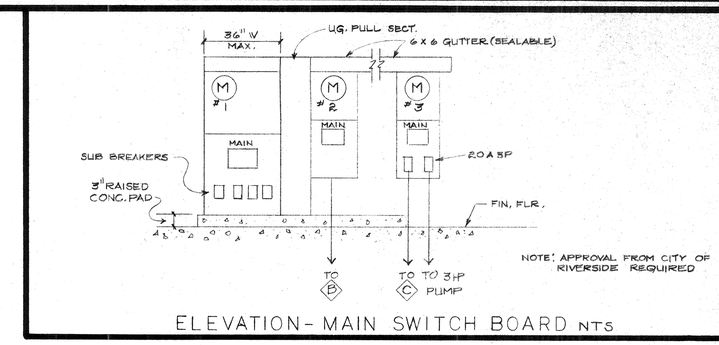
PLAN NO. P-0113

ELECTRICAL SYMBOLS

- CONDUIT RUN, CONCEALED IN CEILING OR WALLS.
- CONDUIT RUN, UNDERGROUND OR UNDER SLABS.
- CROSS LINES ON CONDUIT RUNS INDICATE NUMBER OF #12 WIRES CONTAINED THEREIN. 2#12 ARE INDICATED WHEN CROSS LINES ARE NOT SHOWN.
- A-1, 3, 5 → CONDUIT HOME RUN TO ELECTRICAL PANEL. LETTER INDICATES PANEL & NUMERALS INDICATE CIRCUIT NUMBERS.
- CONDUIT WITH ONE PIECE THREADED GALVANIZED STEEL CAP.
- GROUNDING CONDUIT TO NEAREST ACCESSIBLE COLD WATER MAIN.
- FLUORESCENT LIGHT FIXTURES.
- CEILING LIGHT FIXTURE. INCANDESCENT.
- BRACKET MOUNTING LIGHT FIXTURE, INCANDESCENT.
- EXIT LIGHT FIXTURE. ARROW INDICATES DIRECTIONAL.
- SLAVE UNIT.
- SPOTLIGHT OR FLOODLIGHT.
- 4 A 100 +8'-0" — LIGHTING FIXTURE IDENTIFICATION SYMBOL. LETTER INDICATES TYPE OF FIXTURE. NUMERALS IN LOWER HALF OF HEXAGON INDICATE FIXTURE WATTAGE (INCLUDING BALLAST WHERE APPLICABLE). NUMERAL AT TOP OF HEXAGON INDICATES NUMBER OF FIXTURES REQUIRED. NUMBERS AT BOTTOM OF HEXAGON INDICATE MOUNTING HEIGHT FROM FLOOR TO BOTTOM OF FIXTURE. OMISSION OF MOUNTING HEIGHT INDICATES CEILING MOUNTED.
- SK — SWITCH, KEYED +4'-0" OR AS NOTED.
- Sa — SINGLE POLE TOGGLE SWITCH. LETTER AT BOTTOM INDICATES OUTLETS CONTROLLED. +4-0" OR AS NOTED.
- S3 — THREE WAY TOGGLE SWITCH. +4-0" OR AS NOTED.
- SM — SINGLE POLE MANUAL MOTOR STARTER WITH OVERLOAD. +4-0" OR AS NOTED.
- SM2 — DOUBLE POLE MANUAL MOTOR STARTER WITH OVERLOAD. +4-0" OR AS NOTED.
- BRANCH CIRCUIT PANEL. +6'-0" TO TOP.
- A — PANEL DESIGNATION.
- MAIN SWITCHBOARD.
- DUPLEX GROUNDING TYPE RECEPTACLE. +1'-0" OR AS NOTED.
- J — JUNCTION BOX. +1'-0" OR AS NOTED.
- J — JUNCTION BOX IN ACCESSIBLE CEILING SPACE.
- T — THERMOSTAT OUTLET. +4-0".
- MOTOR.
- DISCONNECT SWITCH. FUSED & WP. (FUSE SIZE AS PER MOTOR NAME PLATES)
- MAGNETIC MOTOR STARTER. SIZE #1 UNLESS NOTED OTHERWISE.
- CIRCUIT BREAKER. (SINGLE LINE DIAGRAM).
- + — DENOTES MOUNTING HEIGHT FROM FINISHED FLOOR TO CENTER LINE OF EQUIPMENT UNLESS NOTED OTHERWISE.
- TELEPHONE OUTLET. +4'-0" OR AS NOTED.
- T — TELEPHONE CONDUIT. 1" C.O. OR AS NOTED.
- WP — WEATHER PROOF
- P.B. — PULL BOX
- C.O. — CONDUIT ONLY
- NL — NIGHT LIGHT
- TIS. — TIME SWITCH
- F&I — FURNISH & INSTALL
- 30A — REC. 120V. RATED @ 30 AMP.
- PUSH BUTTON FOR O.H. DOOR (VERIFY TYPE W/DOOR SUPPLIER.)
- SM2 ADJACENT TO MOTOR





ELEVATION - MAIN SWITCH BOARD NTS

LOWER LEVEL ELECTRICAL PLAN
1/4" = 1'-0"

PLAN NORTH

LICENSED ARCHITECT RICHARD P. ERICK C-5668 EXP. 2-31-95 STATE OF CALIFORNIA

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BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
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LOWER LEVEL ELECTRICAL PLAN

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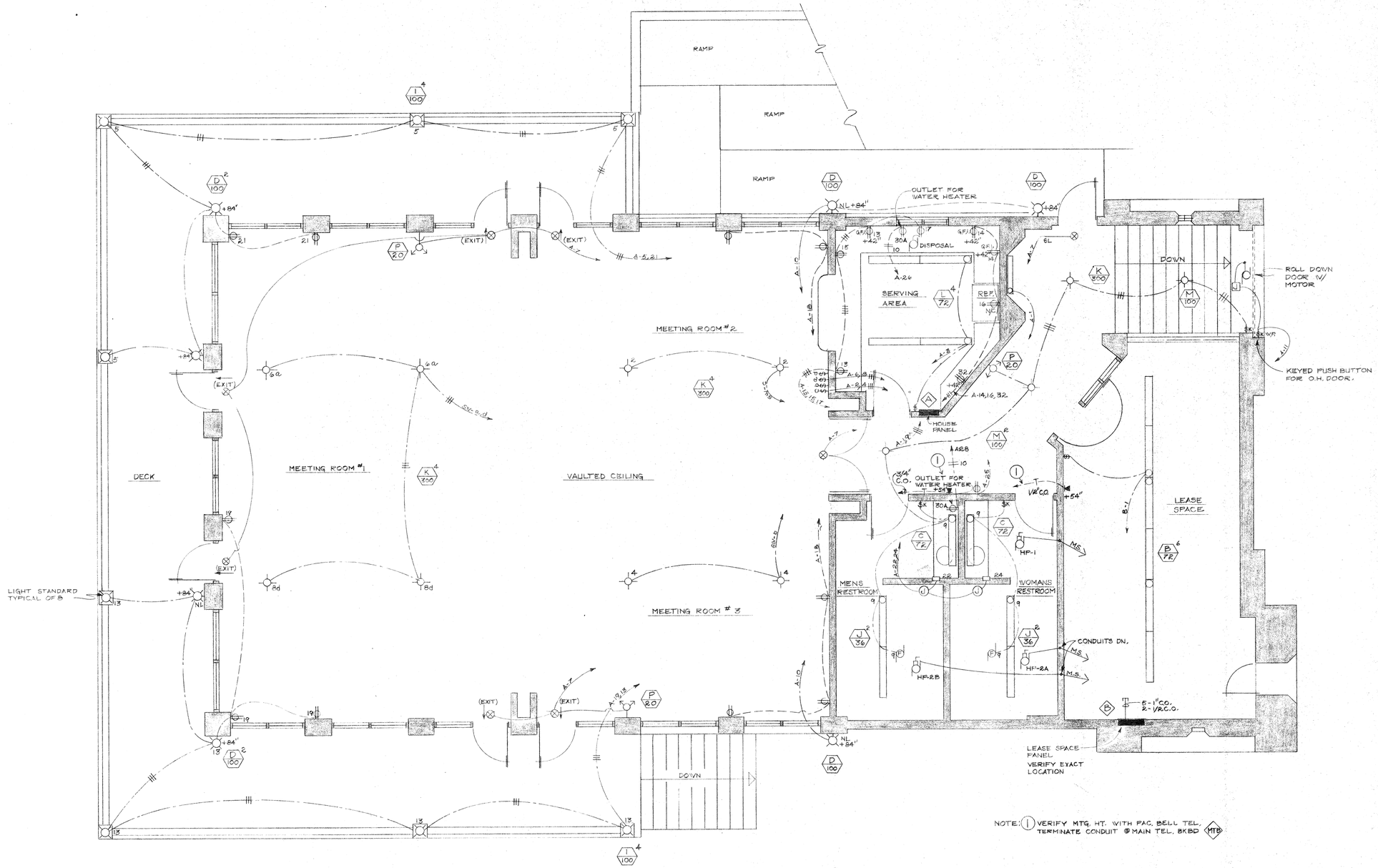
OF 25

PLAN NO. P-0113



NOTE: (1) VERIFY MTG. HT. WITH PAC. BELL TEL. TERMINATE CONDUIT @ MAIN TEL. BKBD (MTB)

SECOND FLOOR ELECTRICAL PLAN

1/4" = 1'-0"

PLAN NORTH

LICENSED ARCHITECT RICHARD P. FRONK C-5668 EXP 8/31/95 STATE OF CALIFORNIA

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SECOND FLOOR ELECTRICAL PLAN

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LOAD CENTER 4 1/2" DP W/HINGED DOOR

FLUSH	TYPE NQO	VOLTAGE 120/240V-1φ	BUS 225 AMPS

PANEL A SCHEDULE

	CIR NO	cir brkr amp	pol	no out	TYPE LOAD & LOCATION	WATTS A	WATTS B	WATTS C
	1	20	1		LTS.	950		
	2	^	^		^	800		
	3						280	
	4						800	
△	5					750		
	6					800		
	7				V EXIT		60	
	8				LTS.		800	
	9				LTS.	900		
▲	10				LTS. NL	300		
	11				ROLL UP DOOR		800	
	12				SPARE		800	
	13				REC.	600		
	14				"	450		
	15				REC.		800	
	16				REFRIG.		650	
	17				DISP.	850		
	18				REC.	1000		
	19				REC.		600	
	20				SPARE		800	
	21				REC.	400		
	22				HAND DRYER	1000		
	23				LTS. PARK MAINT.		800	
	24	V			HAND DRYER		1000	
	25	20			REC.	800		
	26	30			W.H.	1600		
	27	20			SPARE		800	
	28	30			W.H.		1650	
	29	20	V		SPARE	800		
	30	20	1		SPARE	800		
■	31	20	1		SPARE (W.H. PARK MAINT.)		1650	
	32	20	1		REC.		200	
■	33	20	1		REC. PARK MAINT.			
	34							
■	35	20	1		REC. PARK MAINT.			
	36							
	37							
	38							
	39							
	40							
	41							
	42							
	KW =		AMPS		SUB-TOTAL	12850	11040	
					TOTAL	23890		

△ F/1 T.S. #1 ϕ CONTROL ■ GFCI TYPE C/B

▲ F/1 T.S. #2 ϕ CONTROL

CONTINUOUS LOAD = 6.14 KW X 1.25 = 7.675 KW

NON " " = 17.35 KW X 1.0 = 17.35 KW

25.025 KW = 104.27A

LOAD CENTER 4 1/2" DP W/HINGED DOOR

FLUSH	TYPE NQO	VOLTAGE 120/240V-3φ	BUS 100 AMPS

PANEL B SCHEDULE

CIR NO	cir brkr amp	pol	no out	TYPE LOAD & LOCATION	WATTS A	WATTS B	WATTS C
1	20	1		LTS.	435		
2	^	^		SPARE	800		
3				^			
4							
5							800
6							800
7					800		
8					800		
9							
10	V	V		V			
11	20	1		SPARE			800
12	^	^		SPARE			800
13				^	800		
14					800		
15							
16							
17	V	V		V			800
18	20	1		SPARE			800
19				SPARE			
20				^			
21							
22							
23				V			
24				SPARE			
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
KW =		AMPS		SUB-TOTAL	4435		4800
				TOTAL			

LOAD CENTER 4 1/2" DP W/HINGED DOOR

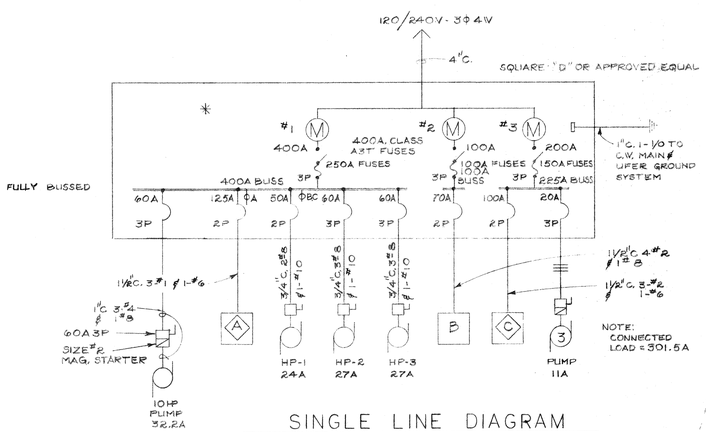
FLUSH	TYPE NQO	VOLTAGE 120/240V-1φ	BUS 100 AMPS

PANEL C SCHEDULE

	CIR NO	cir brkr amp	pol	no out	TYPE LOAD & LOCATION	WATTS A	WATTS B	WATTS C
■	1	20	1		LTS.	900		
△	2	20	1		LTS.	450		
■	3	20	1		LTS.		770	
	4	30	1		W.H.		1650	
	5	20	1		LTS.	800		
△	6	20	1		LTS. EXTERIOR	450		
	7	20	2		ROLL UP DOOR 1 1/2 HP. 10A		1200	
	8	20	1		SPARE		600	
	9	—	—		———	1200		
	10	20	1		REC.	400		
	11	20	2		ROLL UP DOOR 1 1/2 HP. 10A		1200	
	12	20	1		SPARE		800	
	13	—	—		———	1200		
■	14	20	1		REC.	600		
	15	^	^		"		400	
■	16		V		"		600	
	17		1		REC.	400		
	18		2		ROLL UP DOOR	1200		
	19		2		" " "		1200	
	20	—	—		———		1200	
	21	—	—		———	1200		
	22	20	2		ROLL UP DOOR	1200		
	23	20	1		SPARE		600	
	24	—	—		———		1200	
	25	20	1		SPARE	600		
	26	^	^		"	600		
	27	V	V		"		600	
	28	20	1		"		600	
	29							
	30							
	31							
	32							
	33							
	34							
	35							
	36							
	37							
	38							
	39							
	40							
	41							
	42							
	21.62 KW =		90 AMPS		SUB-TOTAL	10800	10820	
					TOTAL	21620		

△ F/1 T.S. ϕ CONTROL

■ GFCI TYPE C/B



SINGLE LINE DIAGRAM

✳ STINGER LEG SHALL BE IDENTIFIED WITH RED COVER STICKER TAPE

LOAD CALCS:

A LEG = 133 A
B " = 58 A
C " = 149 A
TOTAL CONNECTED = 340 A

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MFR'R & CAT. NO.	LAMPS
L 72	STRIP FLUORESCENT, APPROVED FOR LUMINOUS CEILING	LITHONIA #C-240 (AREA LTG.)	2-34 W.
M 200	PENDANT FIXTURE CHAIN HUNG	THOMAS #SL9340-7	1-100 W.
N 75	ABOVE DOOR BRACKET LIGHT FIXTURE PORC. KEYLESS INCANDESCENT	BRYANT #5228 UL EQUAL	75 W.
P 20	WALL MTD EMERGENCY LIGHT FIXTURE PROVIDE MAINTAINED POWER FOR BATTERY CHARGER	SURE LIGHT #SLHC-2	2-6 W. TUNGSTEN HALOGEN

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MFR'R & CAT. NO.	LAMPS
A 72	WALL MTD. FLUORESCENT	PRUDENTIAL #P.5402R-RS, EQUAL BY LITHONIA	2-34 W.
B 72	SURFACE FLUORESCENT 1' X 4'	LITHONIA #WA-240A	2-34 W.
C 72	BRACKET FLUORESCENT	LITHONIA #WC-240A	2-34 W.
D 100	BRACKET EXTERIOR WITH PHOTO CELL CONTROL	WESTERN LTG. STANDARD #FX4130-A39216W	1-100 W. M.V.
E 10	EXIT LIGHT UNBREAKABLE LENS FOR SLAVE UNITS	LITHONIA SIGNATURE SERIES	2-6 W.
F 175	POLE MTD. LIGHT FIXTURE, TO C.O.F.R. STANDARDS POLE & BASE - REVERE	WESTERN LTG. STANDARD FX6134-#RV10-6	1-175 W. M.V.
G 72	FLUORESCENT INDUSTRIAL REFLECTOR	LITHONIA #EJ-240	2-34 W.
H 225	BRACKET H.I.D.	KEENE #33175 MM	175 W. M.V. DLX WH
I 100	SAME AS TYPE F EXCEPT MODIFIED FOR MTG.	WESTERN LTG. STANDARD #5530-AC400	1-100 W. M.V.
J 36	VANDAL PROOF FLUORESCENT	FAIL SAFE #FWS-140-120 ESB	1-34 W.
K 300	PENDANT FIXTURE		+-300 W.

LICENSED ARCHITECT RICHARD P. FRICK C-5668 EXP. 3/31/95 STATE OF CALIFORNIA

Cole & Frick Architects, A.I.A.
4195 Chestnut Street
Riverside, California
92501 714/684-4011

BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

PANEL SCHEDULES
LIGHT FIXTURE SCHEDULE
SINGLE LINE DIAGRAM

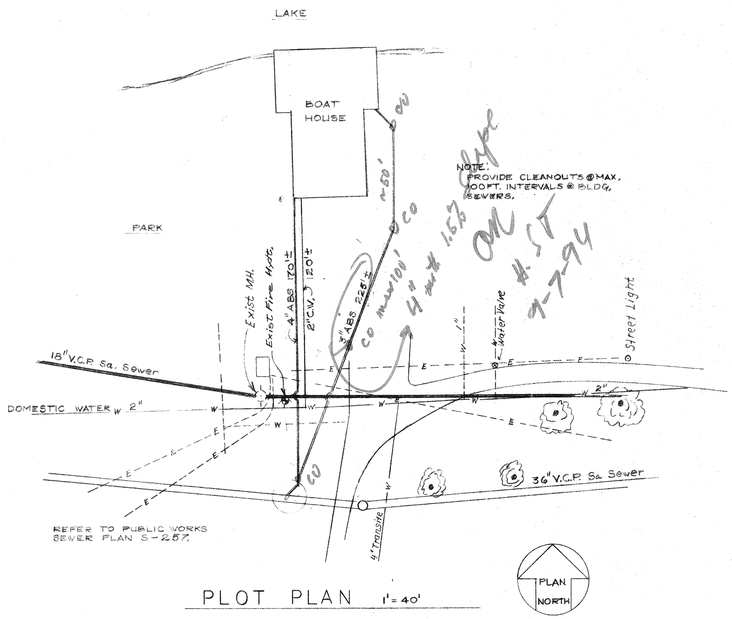
REVISIONS
11/02/92
01/13/93

DRAWN BY

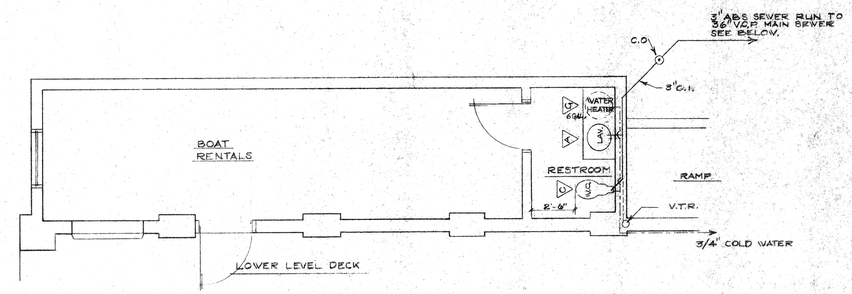
DATE:
JOB NUMBER

E-3
SHEET NO. 19
OF 25

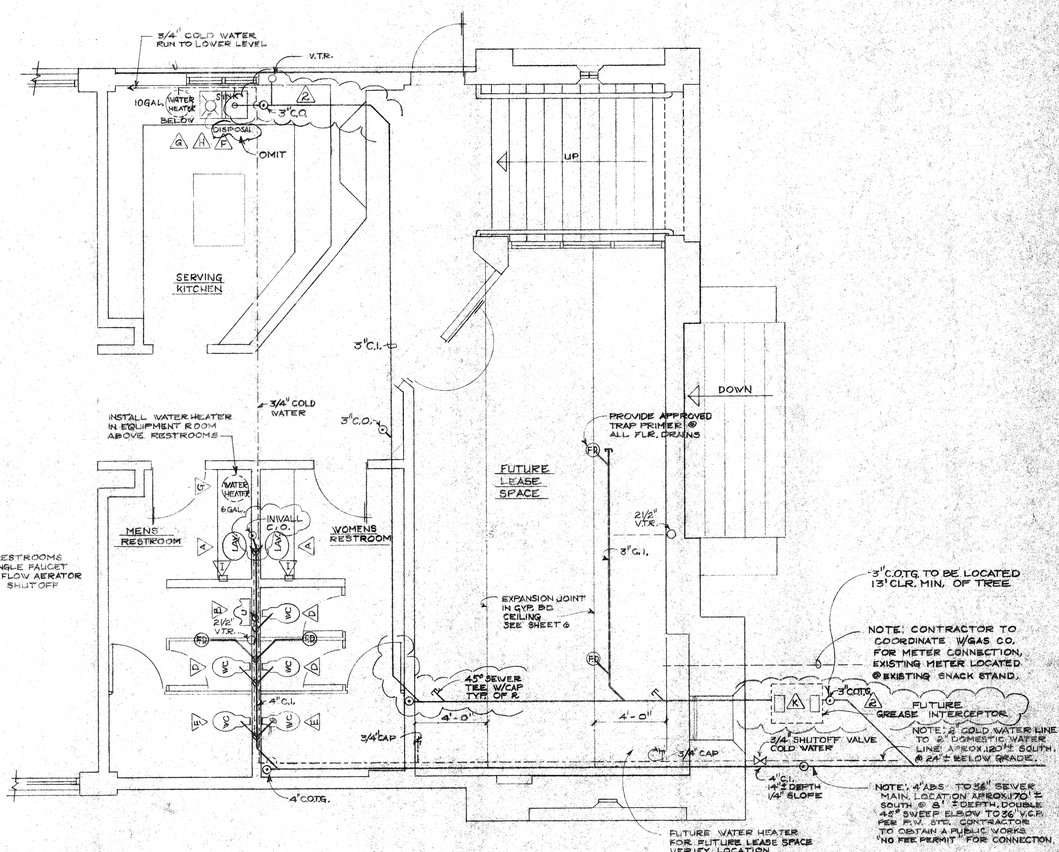
PLAN NO. P-0113



PLOT PLAN 1" = 40'



PLUMBING PLAN LOWER LEVEL
1/4" = 1'-0"



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

NOTE:
2ND. FLOOR RESTROOMS LAV'S USE SINGLE FAUCET ONLY W/LOW-FLOW AERATOR W/AUTOMATIC SHUT OFF MIN. 10 SEC.

FIXTURE CONNECTIONS

FIXTURE	ABBREV.	W.	V.	C.W.	REMARKS
WATER CLOSET	W.C.	4"	2"	1 1/2"	
LAVATORY	LAV.	2"	1 1/2"	1/2"	
URINAL	U.	2"	1 1/2"	3/4"	
HOSE BIBB	H.B.	—	—	3/4"	
SINK		2"	2"	3/4"	

FIXTURE SCHEDULE

TYPE	DESCRIPTION	MFR. & CAT. NO.
A	LAVATORY - AQUALYN COUNTERTOP COLOR - WHITE 4" SPREAD FAUCET	AMERICAN STANDARD #0475.028
B	URINAL - WASHBROOK WALLMOUNT COLOR - WHITE WATER SAVER 1.0 GAL	AMERICAN STANDARD #6501.010, SLOAN 186 VALVE
C	WATER CLOSET - AFWALL WATER SAVER TOILET, COLOR - WHITE	AMERICAN STANDARD #2477.012, SLOAN III VALVE
D	WATER CLOSET - WATER SAVER MADERA TOILET, COLOR - WHITE	AMERICAN STANDARD #2221-026, SLOAN III VALVE
E	WATER CLOSET - CADET ELONGATED WATER SAVER TOILET, COLOR - WHITE	AMERICAN STANDARD #9469.016, SLOAN III VALVE
F	SINK - STAINLESS STEEL DOUBLE BOWL	
G	WATER HEATER - 6 GAL ELECT. 1650 WATT 10 GAL ELECT. 1650 WATT	STATE PV-6-10MS-K " PV-10-10MS-K
H	~~GARBAGE DISPOSAL - STAINLESS 1/2 H.P.~~ OMIT	~~BADGER 15E-338~~
I	HAND DRYER - 1/4" DIE-CAST ALUM. HOUSING, WALL-MOUNT 50 CU. FT. P.M.	FASTAIRE HAND DRYER CO. HUMPHREY #HD-02.
J	PUMP - 1 1/2" NTP BRONZE CASING & IMPELLER 110 G.P.M. 1 1/2 H.P. 230V. W/STRAINER	TEEL 2P071 STRAINER 1P999
K	GREASE INTERCEPTOR 750 GAL.	M.C. NOTTINGHAM (FUTURE)

Cole & Trick Architects, A.I.A.
4195 Chestnut Street
Riverside, California
92501 714/684-4011

BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

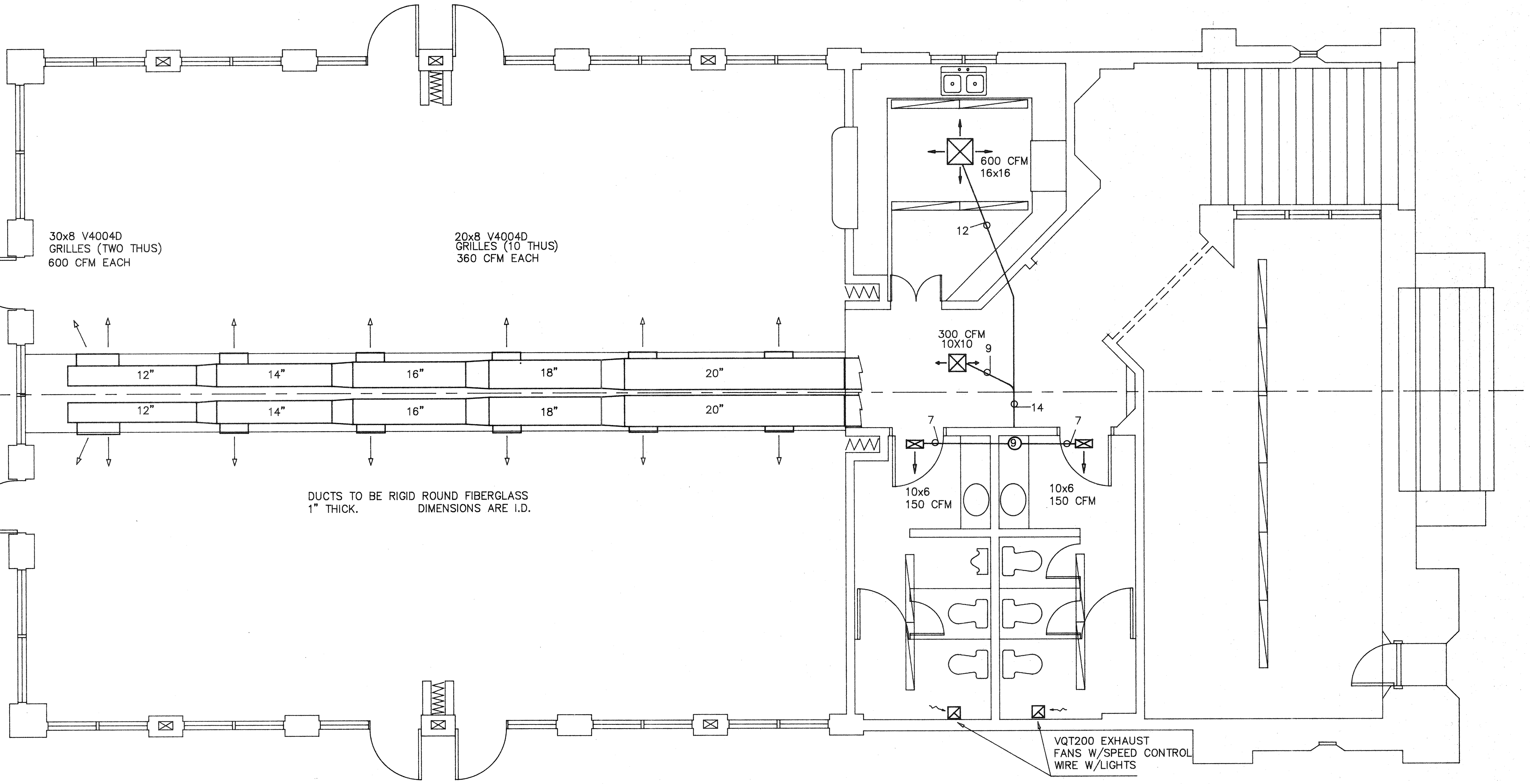
PLUMBING PLAN

REVISIONS
11/02/92
01/13/93
4/13/93
DRAWN BY
RS

DATE 10/10/91
JOB NUMBER
P-1
SHEET NO. 20
OF 25

LICENSED ARCHITECT RICHARD P. TRICK C-5668 EXP. 8/31/95 STATE OF CALIFORNIA

PLAN NO. P-0113

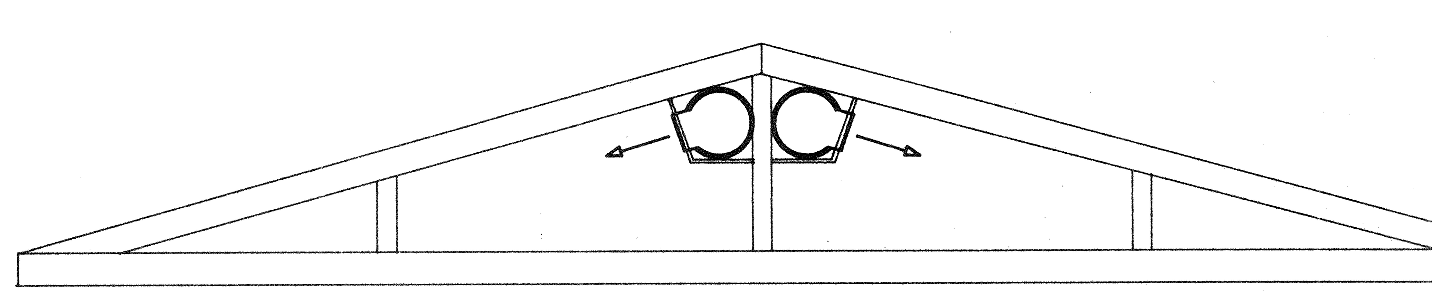


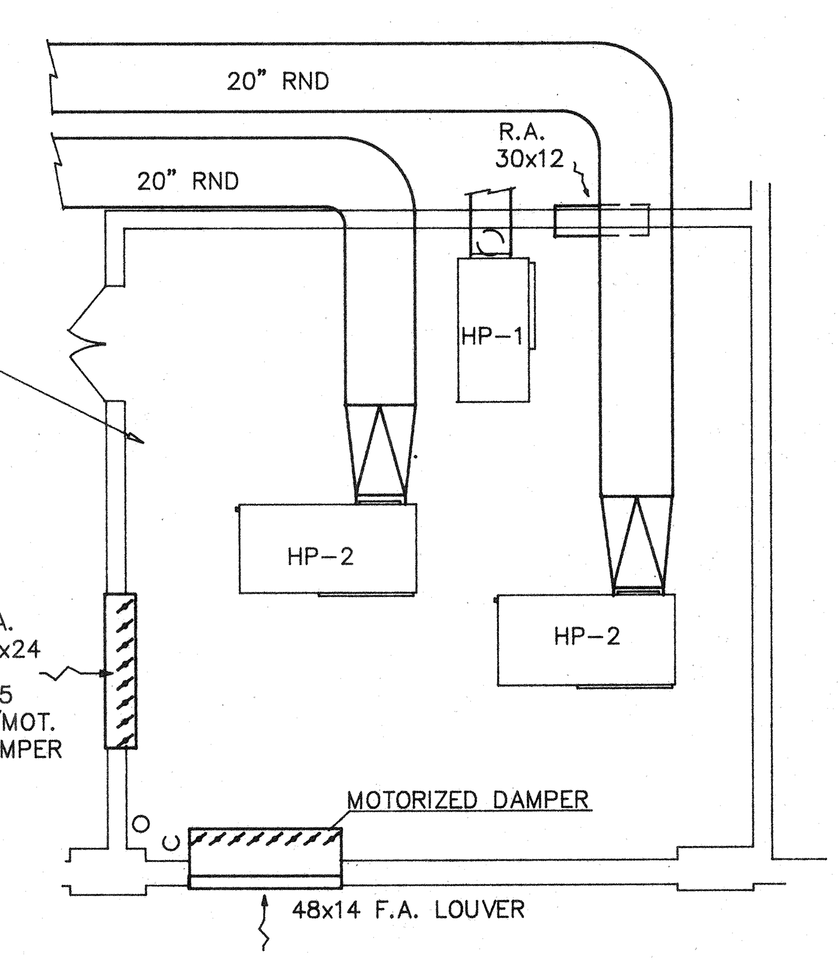
NOTE:

EQUIPMENT ROOM WALLS & CEILING TO BE LINED WITH 5/8" SHEET ROCK. FLOOR TO BE 3/4" PLYWOOD.

HEAT PUMP UNITS TO BE SUSPENDED FROM ROOF STRUCTURE, W/BOTTOM 6" ABOVE FLOOR.

SEE SHEET M-2 FOR WATER PIPING DETAILS.





PLAN VIEW
EQUIPMENT ROOM, OVER REST ROOMS
(REVISED 2-24-93)

SPECIFICATIONS

GENERAL
THE AIR CONDITIONING CONTRACTOR SHALL FURNISH AND INSTALL ALL AIR CONDITIONING UNITS, EXHAUST FANS, AND CONTROLS, TOGETHER WITH ALL DUCTS, GRILLES AND REGISTERS AS SHOWN ON THE PLANS. ALL ITEMS AS LISTED IN THESE SPECIFICATIONS AND THE SCHEDULE SHOWN ON THE PLANS SHALL BE FURNISHED AND INSTALLED BY THE AIR CONDITIONING CONTRACTOR.

AIR CONDITIONING SYSTEMS
THE AIR CONDITIONING UNITS SHALL CONSIST OF CARRIER WATER SOURCE HEAT PUMPS UNITS AS SHOWN ON THE PLANS AND AS LISTED IN THE SCHEDULE.

CONTROL SYSTEMS
A CARRIER TEMP CONTROL SYSTEM, WITH INDIVIDUAL, COMPUTERIZED ROOM THERMOSTATS, ATTATCHED RELAY PACKS, CONNECTING COMMUNICATION BUS AND OTHER REQUIRED DEVICES FOR THE COMPLETE CONTROL OF THE WATER SOURCE HEAT PUMPS, INCLUDING CONTROL OF THE FRESH AIR & RETURN AIR DAMPERS. SYSTEM SHALL BE CAPABLE OF INTERFACING WITH A MODEM ALLOWING FOR REMOTE ACCESS.

AIR DISTRIBUTION SYSTEM
THE AIR CONDITIONING CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPLY AND RETURN DUCTS AS SHOWN ON THE PLANS. RECTANGULAR DUCTS AND PLENUMS SHALL BE GALVANIZED IRON OF GAUGES AND CONSTRUCTION AS SHOWN IN THE "SMACNA" MANUAL. ROUND DUCTS WHERE INDICATED IN THE ATTIC SHALL BE ALUMINUM FLEXDUCT, WITH INSULATION RATED AT A MINIMUM OF R-4.2. ALL JOINTS SHALL BE SECURED WITH METAL SCREWS AND SEALED WITH AN APPROVED DUCT TAPE. FLEXDUCTS SHALL BE SUSPENDED FROM THE ROOF STRUCTURE IN SUCH A MANNER AS TO PREVENT SAGGING.

THE SUPPLY AND RETURN DIFFUSERS AND GRILLES SHALL BE METALAIRE, TYPE AND SIZE AS INDICATED ON THE PLANS. IT SHALL BE THE RESPONSIBILITY OF THE AIR CONDITIONING CONTRACTOR TO CHECK WITH LOCAL AUTHORITIES REGARDING ANY REQUIREMENT FOR FIRE DAMPERS, AND SHALL INSTALL SAME WHERE REQUIRED.

EXHAUST FANS
THE AIR CONDITIONING CONTRACTOR SHALL FURNISH AND INSTALL ALL EXHAUST FANS WHERE INDICATED. THESE SHALL BE INSTALLED COMPLETE WITH REQUIRED DUCTS IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.

CONDENSATE DRAINS
THE AIR CONDITIONING CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDENSATE DRAIN LINES FROM THE AIR CONDITIONING UNITS TO DRAIN FACILITY AS PROVIDED BY OTHERS. PVC PIPING (SCHEDULE 40) MAY BE USED FOR THIS PURPOSE, IF APPROVED BY LOCAL AUTHORITIES. PROVIDE VENTED TRAPS AT EACH UNIT LOCATION.

POWER WIRING
ALL POWER WIRING, INCLUDING FINAL CONNECTION TO THE UNIT, SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
THE ELECTRICAL CONTRACTOR SHALL ALSO PROVIDE CONDUIT ONLY, TO THE LOW VOLTAGE THERMOSTAT LOCATIONS.

WARRANTY
THE AIR CONDITIONING CONTRACTOR SHALL PROVIDE START-UP SERVICE AND AIR BALANCE UPON COMPLETIÕN OF THE INSTALLATION, AND SHALL FURNISH LABOR AND MATERIAL FOR ANY DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM START-UP DATE, AT NO ADDITIONAL COST TO THE OWNER. THE MANUFACTURER'S EXTENDED WARRANTY ON THE COMPRESSORS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE CONTRACT.

CERTIFICATE OF COMPLIANCE (part 2 of 3) CF-1B page 4 of 34

Project: Boathouse for Fairmount Park	COMPLY 24 v 3.10
Designer: Cole & Frick	Building Permit No
Location: Riverside FS 3 Date: 1/20/1992	Checked By
Documentation: ENERGY Calc SERVICES, INC.	Date (User # 1061)

ENERGY ANALYST. The energy performance analysis summarized below was performed using an approved CEC calculation method, with CEC approved fixed and restricted engineering inputs for the applicable climate zone and occupancy type, and using a reasonable representation of building zoning and physical configuration. All significant energy conservation features are listed below, or on an attached supplement.

Signature: *Thos. E. Taplan* Date: *1-20-92*

ENERGY Calc SERVICES, INC. Job #: RK114
16551 Mockingbird Canyon Drive
Riverside, California 92504
(714) 780-7265

		REFERENCE	
GENERAL			
1	Unconditioned or Multi-tenant Shell?		*B-O*
2	CEC Occupancy Type		Office
3	UBC Occupancy Group/Division		*B-2*
4	Climate Zone	WS-1A	10
5	Conditioned Floor Area	WS-1A	2439 sqft
6	Unconditioned Floor Area		540 sqft
7	Budget Table (from Standards)	1988 ed.	Sec 2-53
8	Allowed Energy Budget	WS-1A	189.0
9	Calculation Method CEC Code/Date	CPO-07	6/28/1988
10	Multiplier	CEC	1.027
11	Calculated Energy Use	WS-1A	159.0 kBtu/sqft-yr
ENVELOPE REQUIREMENTS			
12	Average Roof/Ceiling Rt	CF-2	27.46 h-F-sqft/Btu
13	Average Exterior Floor Rt	CF-2	20.27 h-F-sqft/Btu
14	Average Opaque Wall Rt	CF-2	9.55 h-F-sqft/Btu
15	Glazing Area in Wall	CF-2	705 sqft
16	Average SC (Glazing in Wall)	CF-2	0.31
17	Glazing Area in Roof	CF-2	0 sqft
18	Average SC (Glazing in Roof)	CF-2	0.00
LIGHTING REQUIREMENTS			
19	Whole Building Allowed Adjusted LPD	CF-5	1.750 watts/sqft
22	Package Lighting Reduction	WS-1A	-0.250 watts/sqft
23	Lighting Controls Required?	CF-5	No
MECHANICAL REQUIREMENTS			
24	System Type		*Heat Pump*
25	Fan Wattage Index	CF-4	0.927 watts/sqft
26	Rated Cooling Efficiency	CF-4	11.66 (EER)
27	Rated Cooling Capacity	CF-4	189400 Btu/hr
28	Rated Heating Efficiency	CF-4	4.15 (SSE/COP)
29	Rated Heating Capacity	CF-4	225100 Btu/hr
30	Economizer Cooling?	CF-4	No
31	CF-1X Attached?		Yes

CERTIFICATE OF COMPLIANCE (part 1 of 3) CF-1B page 3 of 34

Project: Boathouse for Fairmount Park	COMPLY 24 v 3.10
Designer: Cole & Frick	Building Permit No
Location: Riverside FS 3 Date: 1/20/1992	Checked By
Documentation: ENERGY Calc SERVICES, INC.	Date (User # 1061)

PRINCIPAL DESIGNER. The proposed building will be in substantial compliance with the California Building Energy Efficiency Standards provided it is built according to the plans and specifications and provided future improvements are completed according to the requirements indicated on this Certificate of Compliance. The plans and specifications have been prepared to include all significant energy conservation features required for compliance with the Standards. Building areas that are unconditioned and/or not subject to the standards are indicated on the plans.

Plans Dated:________ Specs Dated:________

Signature:________ Date:________

Cole & Frick (714) 684-4011
4195 Chestnut Street
Riverside, California 92501 Cal. License No:________

OWNER. The energy conservation features and performance specifications indicated on this document and on the plans and specifications shall apply to future alterations, unless compliance is demonstrated anew and a new Certificate of Compliance is submitted. A copy of this Certificate will be retained and transmitted to future tenants, subsequent owners or others with responsibility for making improvements or modifications to the building. If this certificate is lost, a new Certificate may be required before a permit is issued for alterations. Unconditioned areas are indicated on the plans and, if these areas are conditioned in the future, they must be made to comply with the applicable energy standards then in effect.

Signature:________ Date:________

City of Riverside Parks & Recreation Dep

Riverside, California

ENFORCEMENT AGENCY. The proposed building, and future alterations will comply with the California Building Energy Efficiency Standards, provided future alterations meet the requirements indicated on this Certificate and all applicable mandatory measures, as long as the building occupancy type remains unchanged.

Signature:________ Date:________

Name:
Agency:
Address:
City/State/Zip:

CERTIFICATE OF COMPLIANCE (part 3 of 3) CF-1B page 5 of 34

Project: Boathouse for Fairmount Park	COMPLY 24 v 3.10
Designer: Cole & Frick	Building Permit No
Location: Riverside FS 3 Date: 1/20/1992	Checked By
Documentation: ENERGY Calc SERVICES, INC.	Date (User # 1061)

Note: More than one Part 3 may be submitted, but all must reference the same Parts 1 & 2. The person responsible for preparing the compliance documentation for each major building system acknowledges the following compliance statement by signing the appropriate space below.

Compliance Statement. The proposed building improvements substantially comply with the requirements indicated on the Certificate of Compliance for this building, dated ______. The plans and specifications include the significant energy conservation features and the compliance documentation is consistent with the plans and specifications.

ENVELOPE	Modeled	Improvements
1 Average Roof/Ceiling Rt	27.46	Plans Dated____ Specs Dated____
2 Average Exterior Floor Rt	20.27	
3 Average Opaque Wall Rt	9.55	Signature____ Date____
4 Glazing Area in Wall	705	Name
5 Average SC (Wall)	0.31	Company
6 Glazing Area in Roof	0	Address
7 Average SC (Roof)	0.00	City/State/Zip
Other Requirements:		Telephone____ License____
		Enforcement Agency

LIGHTING	Modeled	Improvements
8 Basis of Allowed LPD	Performance	Plans Dated____ Specs Dated____
9 Pack A or WS-5C LPD	1.500	
10 Package Lighting Red.	<-0.250>	Signature____ Date____
11 Allowed Adjusted LPD(CF-5)	1.750	Name
12 Lighting Control Credits?	No	Company
Other Requirements:		Address
		City/State/Zip
		Telephone____ License____
		Enforcement Agency

MECHANICAL	Modeled	Improvements
13 Fan Wattage Index	0.927	Plans Dated____ Specs Dated____
14 Rated Cooling Efficiency	11.66	
15 Rated Cooling Capacity	189400	Signature *Thos. E. Taplan* Date *1-20-92*
16 Rated Heating Efficiency	4.15	Name *Thos. E. Taplan*
17 Rated Heating Output	225100	Company ENERGY Calc SERVICES INC.
18 Economizer Cooling?	No	Address 16551 Mockingbird
19 Simultaneous Heat/Cool?	No	City/State/Zip Riverside, CA 92504
Other Requirements:		Telephone *(714) 780-7265* License *22548*
		Enforcement Agency

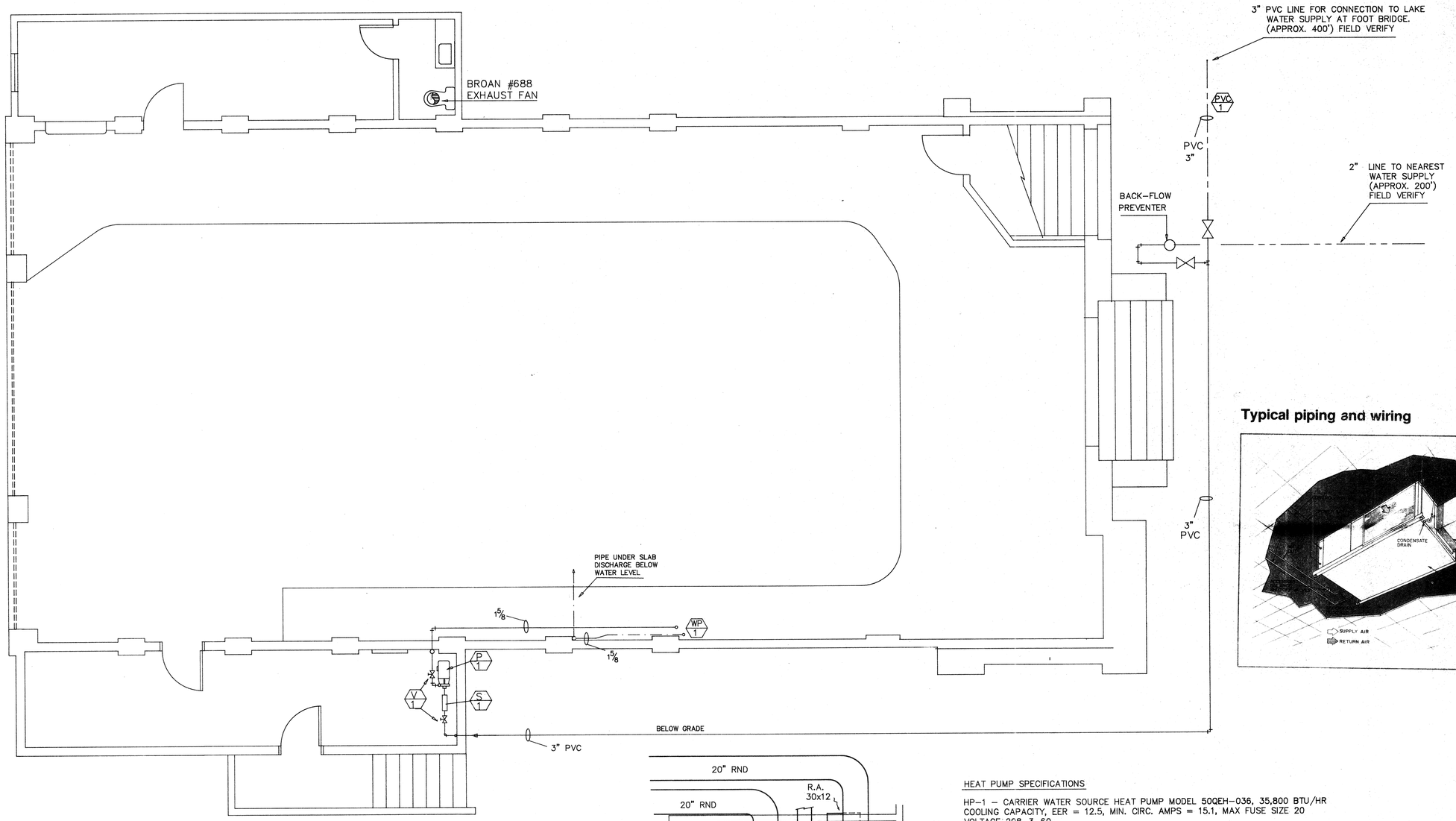
REVISIONS	BY
2-24-93	TET

BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

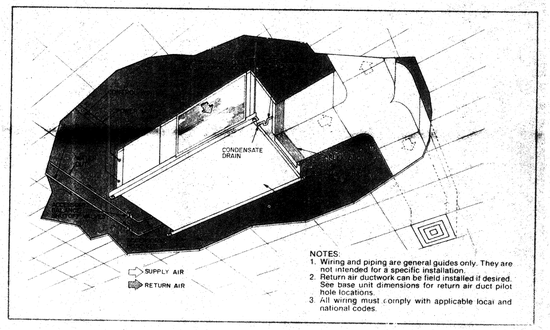
MECHANICAL PLAN

DATE 1-8-92
SCALE 1/4"=1'-0'
DRAWN BY TET
JOB NO. RK114
SHEET 21
M-1
OF 25 SHEETS

PLAN NO. P-0113



Typical piping and wiring



NOTES:
1. Wiring and piping are general guides only. They are not intended for a specific installation.
2. Return air ductwork can be field installed if desired. See base unit dimensions for return air duct pilot hole locations.
3. All wiring must comply with applicable local and national codes.

NOTES

P 1 — WATER SUPPLY PUMP, BELL & GOSSET SERIES 1531, MODEL 313TB, 2"x1-1/2", 50 GPM @ 80' HEAD, WITH 2HP 208-3-60 MOTOR & MAGNETIC STARTER.

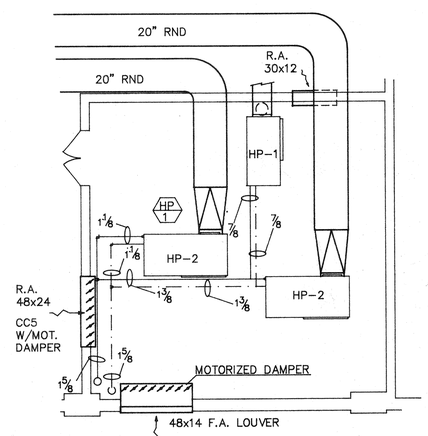
S 1 — WILKINS Y-STRAINER SERIES YSBR, W 100 MESH SCREEN. BRASS BODY.

V 1 — GATE VALVES, SIZED SAME AS PIPE SIZE. RISING STEM TYPE.

HP 1 — PROVIDE SUPPLY & RETURN BALL VALVES AT EACH UNIT, BALL & STEM TYPE, UL LISTED BRASS BODY WITH TEFLON SEATS & SEALS. (HP-1 3/4"), (HP-2 1"), TOGETHER WITH 36" LONG EPDM TUBE (HOSE KIT) WITH TEFLON SEAL ON THREADED CONNECTIONS ON EACH END.
PROVIDE CONDENSATE LINE FROM EACH UNIT TO DRAIN CONNECTION BELOW SINK IN MENS RESTROOM.

WP 1 — WATER SUPPLY & RETURN LINES TO BE TYPE K COPPER WITH BRAZED SWEAT JOINTS. RUN LINES BELOW 6x8 BEAM, ABOVE CEILING.

PVC 1 — ALL PVC PIPING FOR WELL WATER SUPPLY TO BOAT HOUSE AND HEAT PUMP SYSTEM TO BE PROVIDED BY CONTRACTOR. DISTANCES TO CONNECTION POINTS TO BE VERIFIED IN FIELD.



PLAN VIEW
EQUIPMENT ROOM, OVER REST ROOMS

HEAT PUMP SPECIFICATIONS

HP-1 – CARRIER WATER SOURCE HEAT PUMP MODEL 50QEH-036, 35,800 BTU/HR COOLING CAPACITY, EER = 12.5, MIN. CIRC. AMPS = 15.1, MAX FUSE SIZE 20 VOLTAGE 208-3-60.

HP-2 – CARRIER WATER SOURCE HEAT PUMPS MODEL 50QEH-072, 70,000 BTU/HR COOLING CAPACITY, EER = 11.4. MIN. CIRC. AMPS = 31.8, MAX FUSE SIZE = 50 VOLTAGE 208-3-60

CONTROL SYSTEM – CARRIER TEMP CONTROL SYSTEM WITH MONITOR STATS AND PGCT PROGRAMMABLE CONTROLLER.

QUOTE AS OPTION, AN ISOSTAT & MODEM FOR REMOTE COMPUTER MONITORING OF SYSTEM.

LOWER LEVEL MECHANICAL PLAN

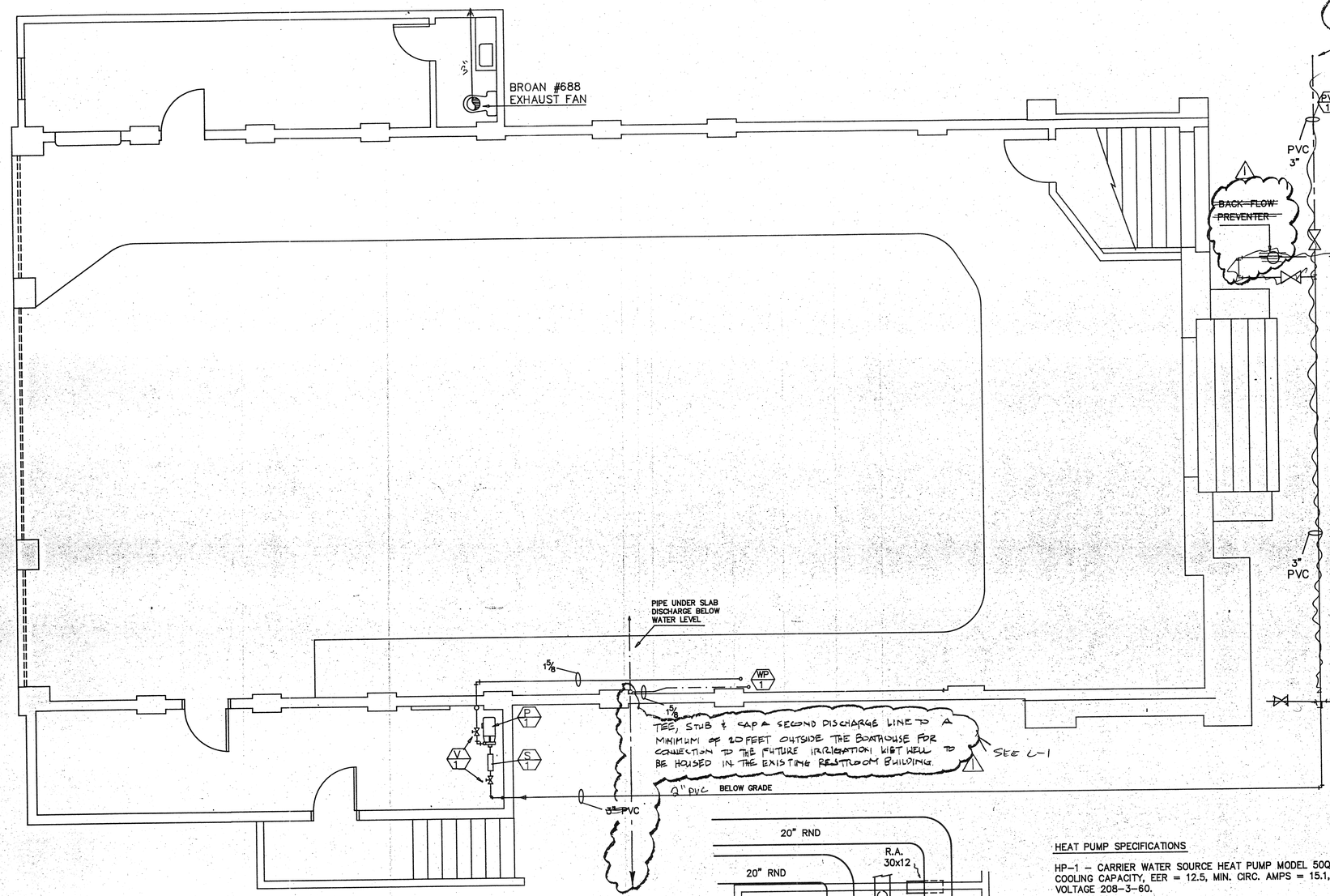
REVISIONS	BY

BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

MECHANICAL PLAN

DATE 2-24-03
SCALE 1/4" = 1'-0'
DRAWN BY TET
JOB NO. RK114P
SHEET 22
M-2
OF 25 SHEETS

PLAN NO. P-0113



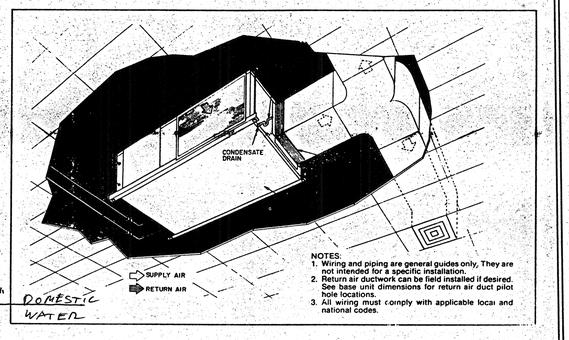
~~3" PVC LINE FOR CONNECTION TO LAKE WATER SUPPLY AT FOOT BRIDGE. (APPROX. 400') FIELD VERIFY~~

ADDITIVE BID ITEM II-E WORK: 3" PVC LINE, INCLUDING LINE SIZED GATE VALVE, BACKFLOW DEVICE, FILTRATION SYSTEMS, CONTROL EQUIPMENT & WIRES & ALL RELATED WORK FOR CONNECTION TO LAKE WATER SUPPLY AT FOOT BRIDGE. (APPROX. 400') FIELD VERIFY.

~~2" LINE TO NEAREST WATER SUPPLY (APPROX. 200') FIELD VERIFY~~

BASE BID WORK: P.O.C. FOR THE 2 INCH PVC HVAC WATER LINE SHALL BE THE DOMESTIC WATER SERVICE LINE AS NOTED ON DRAWING P-1, SHEET 20 OF 25. THIS WORK INCLUDES THE INSTALLATION OF A LINE-SIZED TEE CONNECTION WITH STUB-OUT FOR ADDITIVE BID ITEM II. E WORK.

Typical piping and wiring



NOTES:
1. Wiring and piping are general guides only. They are not intended for a specific installation.
2. Return air ductwork can be field installed if desired. See base unit dimensions for return air duct pilot hole locations.
3. All wiring must comply with applicable local and national codes.

NOTES

P 1 — WATER SUPPLY PUMP, BELL & GOSSET SERIES 1531, MODEL 313TB, 2"x1-1/2", 50 GPM @ 80' HEAD, WITH 2HP 208-3-60 MOTOR & MAGNETIC STARTER.

S 1 — WILKINS Y-STRAINER SERIES YSBR, W 100 MESH SCREEN. BRASS BODY.

V 1 — GATE VALVES, SIZED SAME AS PIPE SIZE. RISING STEM TYPE.

HP 1 — PROVIDE SUPPLY & RETURN BALL VALVES AT EACH UNIT, BALL & STEM TYPE, UL LISTED BRASS BODY WITH TEFLON SEATS & SEALS. (HP-1 3/4"), (HP-2 1"), TOGETHER WITH 36" LONG EPDM TUBE (HOSE KIT) WITH TEFLON SEAL ON THREADED CONNECTIONS ON EACH END.
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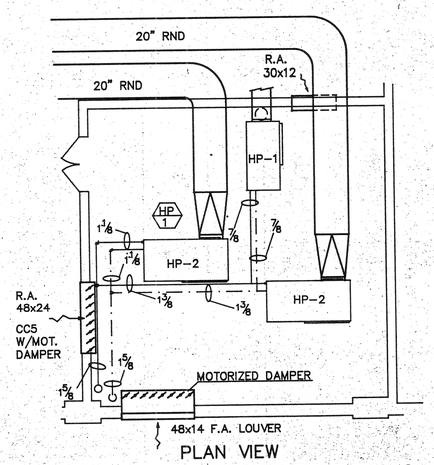

PLAN VIEW
EQUIPMENT ROOM, OVER REST ROOMS

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CONTROL SYSTEM — CARRIER TEMP CONTROL SYSTEM WITH MONITOR STATS AND PGCT PROGRAMMABLE CONTROLLER.

QUOTE AS OPTION, AN ISOSTAT & MODEM FOR REMOTE COMPUTER MONITORING OF SYSTEM.

LOWER LEVEL MECHANICAL PLAN

MARCH 1,1994

REVISIONS	BY
1 3-24-93	

BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

MECHANICAL PLAN

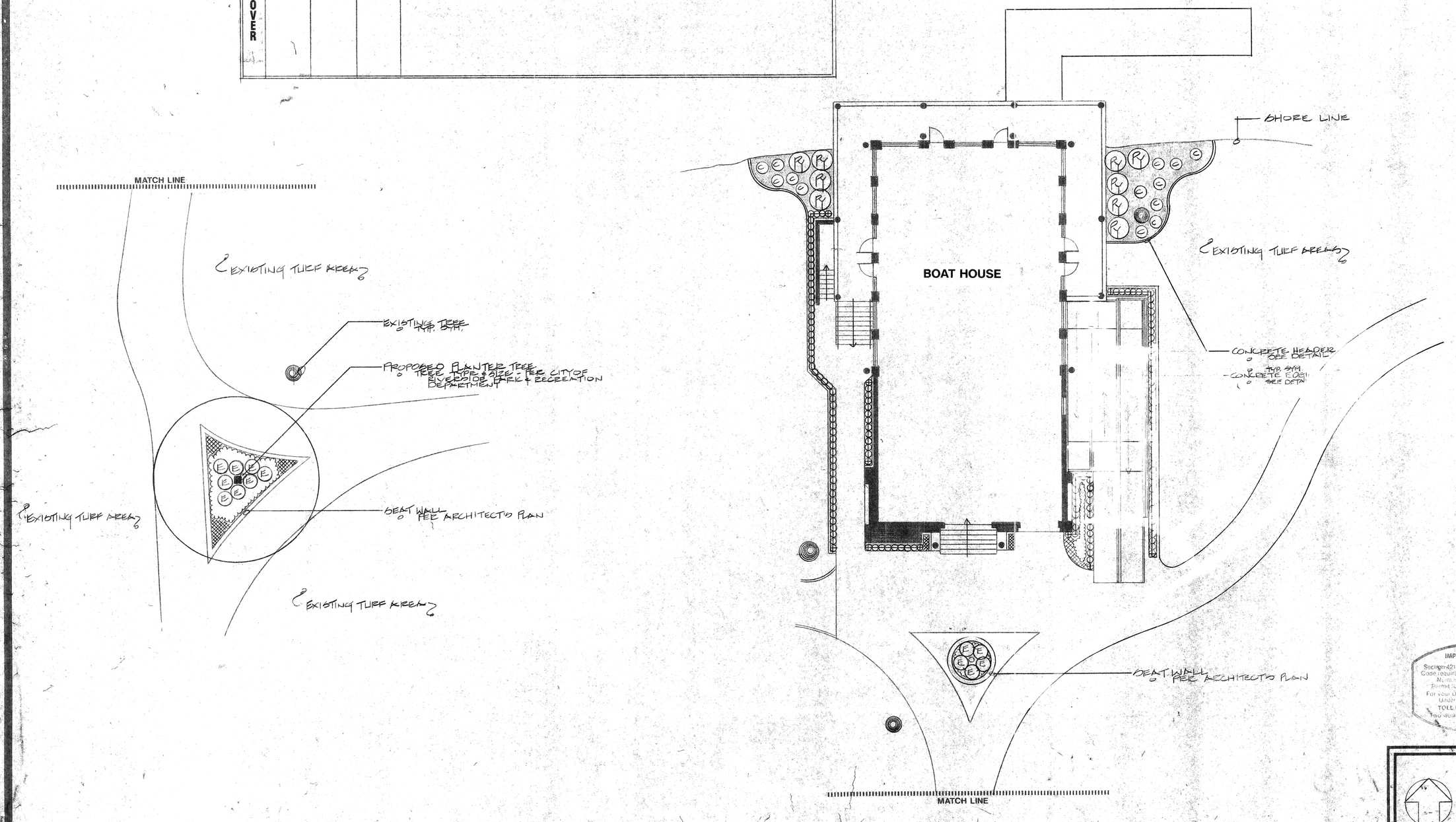
DATE 2-24-93
SCALE 1/4"=1'-0'
DRAWN BY TET
JOB NO. RK114P
SHEET 24 M-2 OF 27 SHEETS

BLUELINE AS BUILT FORWARDED TO FACILITIES MAINTENANCE 9.27.95

PLAN NO. P-0113

Planting Schedule

	SYM	QTY	SIZE	BOTANICAL NAME/COMMON NAME
SHRUBS	⊕	154	1GAL	BUXUS M.J. 'GREEN BEAUTY' / BOXWOOD (HEDGE @ 24" HEIGHT)
	C	13	5GAL	CARISSA M. 'GREEN CARPET' / NATAL PLUM
	E	13	5GAL	EURYOPS PECTINATUS / NCN
	PY	9	5GAL	PYRACANTHA F. 'SANTA CRUZ' / FIRETHORN
GROUNDCOVER		6"OC	PONY PAC.	ANNUAL COLOR / PER CITY OF RIVERSIDE PARK & REC. DEPARTMENT
		12"OC	FLATS	GAZANIA F.L. 'RED & ORANGE' / CLUMPING GAZANIA (MIX COLOR)
		—	—	RAKED SOIL / REMOVE DEBRIS & WEED FROM PLANTER AREAS



IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number be issued before a Permit to Excavate will be valid. For your Dig Alert I.D. Number Call Underground Service Alert TOLL FREE 1-800-422-4133 Two working days before you dig

NORTH

REGISTERED LANDSCAPE ARCHITECT
James Montgomery 1992
Signature
Date
STATE OF CALIFORNIA

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Revisions:
1.92 PER ARCH
5.92 PER STATE OF CAL
11/02/92

Design, plans and specifications in this drawing shall not be used or reproduced in whole or in part for any other project.

A. James Montgomery & Assoc., Inc.
LANDSCAPE ARCHITECTURE
4515 CENTRAL AVE, STE 204 RIVERSIDE, CA 92506 (714)788-6144

BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

Planting Plan

drn.
dat
sc
pag
PN

PLAN N

IRRIGATION SPECIFICATIONS

A. EXTENT: Includes furnishing all labor, materials and equipment for the proper installation of the irrigation system. The work includes, but is not necessarily limited to, the following:

1. Trenching and Backfill
2. Automatically Controlled Irrigation System
3. Testing all systems and making operative
4. "As-Built" Drawings

B. GENERAL:

1. Permits and Fees: obtain all permits and pay required fees to any governmental agency having jurisdiction over the work. Inspections required by local ordinances during the course of construction shall be arranged as required. On completion of the work, satisfactory evidence shall be furnished Owner to show that all work has been installed in accordance with the ordinances and code requirements.
2. Approval: wherever the terms "approve" or "approved" are used in the specifications, they shall mean the approval of the Owner in writing.
3. Before any work is started, a conference shall be held between the Contractor and the Owner concerning the work under this Contract.
4. Coordination: coordinate and cooperate with other contractors to enable the work to proceed as rapidly and efficiently as possible.
5. Inspection of Site:
   a. Contractor shall acquaint himself with all site conditions. Should utilities not shown on the plans be found during excavations, Contractor shall promptly notify the Owner for instructions as to further action. Failure to do so will make Contractor liable for any and all damage thereto arising from his operations subsequent to discovery of such utilities not shown in plans.
   b. Contractor shall make necessary adjustments in the layout as may be required to connect to existing stubouts, should such stubs not be located exactly as shown and as may be required to work around existing work, at no increase in cost to the Owner.
6. Protection of Existing Plants and Site Conditions: the Contractor shall take necessary precautions to protect existing plants and site conditions to remain. Should damage be incurred, this Contractor shall repair the damage to its original condition at his own expense.
7. The Owner reserves the right to substitute, add or delete any material or work as the work progresses. Adjustment to the contract price shall be negotiated if deemed necesary by the Owner.
8. The Owner reserves the right to reject material or work which does not conform to the Contract Documents. Rejected work shall be removed or corrected at the earliest possible time.
9. Work Schedule: within ten (10) days after award of the Contract, the Contractor shall submit a work schedule to the Owner.
10. "As-Built" Irrigation Drawings: Contractor shall prepare an "As-Built" drawing on a blueline print which shall show deviations from the bid documents made during construction affecting the main line pipe, controller locations, remote control valves, quick-coupling valves and all sprinkler heads. The drawings shall also indicate and show approved substitutions of size, material and manufacturer's name plus catalog name and number. The drawings shall be delivered to the Owner before final acceptance of work.
11. The Contractor shall deliver the Controller Manual and key to the Owner and giveverbal and visual instruction for the operation of the controller. Each valve shall be operated for Owner's approval.
12. Final Acceptance: final acceptance of the work may be obtained from the Owner upon the satisfactory completion of all work.
13. Guarantee: all work shall be guaranteed for one year from date of acceptance against all defects in material, equipment and workmanship. Guarantee shall also cover repair of damage to any part of the premises resulting from leaks or other defects in material, equipment and workmanship to the satisfaction of the Owner. Repairs, if required, shall be done promptly and at no cost to the Owner.

C. MATERIALS:

1. General: all materials throughout the system shall be new and in perfect condition. After award of the Contract and prior to beginning work, the Contractor shall submit for approval four (4) copies of the complete list of materials which he proposes to install. Quantities of materials and equipment need not be included. No deviations from the specifications shall be allowed.
2. Plastic Piping:
   a. All main pressure lines two (2) inches and larger shall be PVC Class 315 type 1120-1220
   b. All pressure lines smaller than two (2) inches shall be PVC Schedule 40 type 1120-1220
   c. All non-pressure lines shall be PVC Class 200 type 1120-1220
   d. (For above ground irrigation systems, all non-pressure lines shall be UVR/PVC 1120 Schedule 40.)
3. Plastic Fittings: all plastic fittings shall be standard weight Schedule 40 and shall be injection molded of an approved fitting compound. Threaded plastic fittings shall be injection molded. All tees and ells shall be sidegated. (For above ground irrigation systems, fittings shall be UVR/PVC Climi-fied.)
4. Solvent Cement: shall be compatible with PVC pipe and of proper consistency. (Brownline Bond-Tite Cement.)
5. Sprinkler Head Risers: Schedule 40, galvanized iron pipe or Schedule 80 PVC shall be used for risers. Pipe shall be cut in a standard pipe cutting tool with sharp cutters. Ream only to full diameter of pipe and clean all rough edges or burrs. Cut all threads accurately with sharp dies. Not more than three (3) full threads shall show beyond fittings when pipe is made up. Assemblies shall be as detailed. (UVR/PVC riser nipples.)
6. Low Gallonage Drip and Spray Jets: see details.
7. Automatic Controllers: see detail.
8. Remote Control Valves: see detail.
9. Sleeves for Pipes: all pipes and tubing under pavement shall be Schedule 40 or shall be placed in Schedule 40 or equivalent sleeving.
10. Control Wires: twenty-four (24) volt solid wire U.L. approved for direct burial in ground. Minimum wire size shall be fourteen (14) gauge U.F. coated. Common wire shall be white in color twelve (12) gauge U.F. coated.
11. Sleeves for Control Wires: under all pavement and where indicated on drawings PVC 1220-160 PSI plastic pipe or galvanized heavy-wall steel conduit shall be used.
12. Sprinkler Heads: see detail. All sprinkler heads shall be pop-up type. Six (6) inch pop-ups shall be used in turf and twelve (12) inch pop-ups in ground cover unless otherwise indicated. (For above ground irrigation system, see details for riser stabilizers and pipe stabilizers which shall be molded UVR/PVC material as manufactured by Brownline Pipe Company or equivalent.)
13. Service Saddles for lines over two (2) inches: shall be Smith-Blair double strap, all bronze or cast iron.
14. Quick Coupling Valves and Hose Bibs: shall be as noted on drawings.
15. Pressure Regulator to be placed downstream of all valves. PSI range to be determined by manufacturer's specification for sprinkler head operation.
16. Backflow Preventer: reduced pressure backflow preventer shall be used where valves exceed the elevation of the backflow preventer or where it is required by local governing agencies. In all other cases a pressure vacuum breaker may be utilized.

D. WORKMANSHIP

1. Lay out work as accurately as possible to the drawings. The drawings, though carefully drawn, are generally diagrammatic to location and to the extent that swing joints, offsets and all fittings are not shown. Parallel lines shall be placed in a common trench where practical.
2. The Contractor shall be responsible for 100% full and complete coverage of all irrigated areas and shall make any necessary minor adjustments at no additional cost to the Owner. Full and complete coverage is defined as the manufactured standard for spacing between sprinkler heads for 100% coverage.
3. Any major revisions to the irrigation system must be submitted and answered in written form along with any change in contract price.

E. INSTALLATION

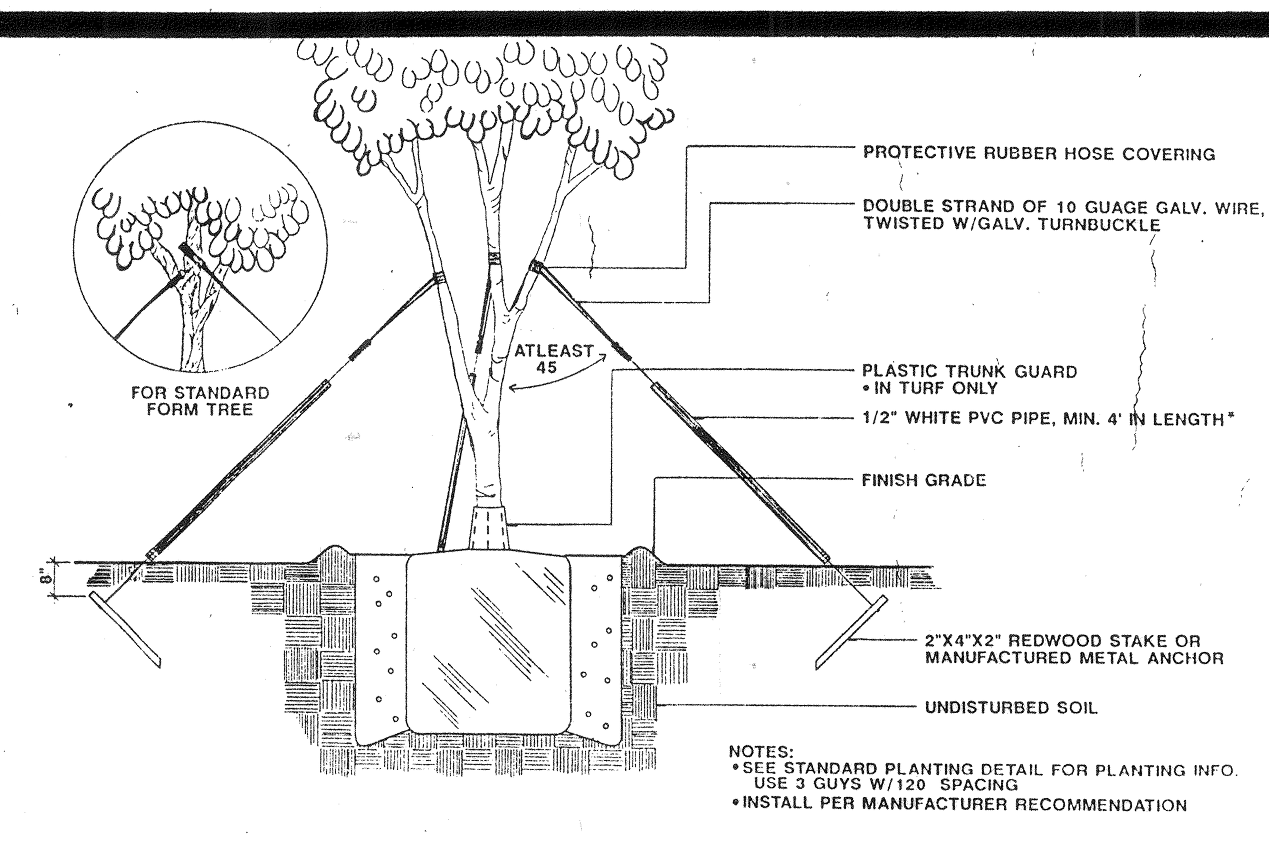
1. Excavating and Trenching:
   a. All areas shall be rough graded prior to any irrigation trenching.
   b. Perform all excavations as required for the installation of the work included under this section including shoring of earth banks to prevent cave-ins. Restore all surfaces, existing underground installations, etc., damaged or cut as a result of the excavations to their original condition and in a manner approved by the Owner.
   c. Trenches shall be made wide enough to allow a minimum of six (6) inches between parallel pipe lines. Trenches for pipe lines shall be made of sufficient depths to provide the minimum cover from finish grade as follows:
      i. eighteen (18) inch minimum cover over main lines.
      ii. twelve (12) inch minimum cover over control wires from controller to valves.
      iii. twelve (12) inch minimum cover over lateral lines to heads.
   d. Maintain all warning signs, shoring, barricades, flares and red lanterns as required by the Safety Orders of the Division of Industrial Safety and any local ordinances.
2. Pipe Line Assembly:
   a. Install remote control valves where shown and group together where practical. Place no closer than twelve (12) inches to walk edges, buildings and walls.
   b. Plastic pipe and fittings shall be solvent welded using solvents and methods as recommended by the manufacturer of the pipe except where screwed connections are required. Pipe and fittings shall be thoroughly cleaned of dirt, dust and moisture before applying solvent with a non-synthetic bristle brush.
   c. Excess solvent cement shall be wiped off to avoid weakening pipe.
   d. Pipe may be assembled and welded on the surface. Snake pipe from side to side of trench bottom to allow for expansion and contraction.
   e. Make all connections between plastic pipe and metal valves or steel pipe with threaded fittings using plastic male adapters.
   f. (For above ground pipe line assemblies, install as per installation instructions by Brownline Pipe Manufacturing Company/or equivalent. Paint all non-UVR/PVC parts not normally exposed to protect from sun's rays.)
3. Sprinkler Heads:
   a. Install all sprinklers as detailed on drawings.
   b. Install all sprinklers on flexible risers.
4. Quick Couplers or Hose Bibs:
   a. All quick coupler valves shall be installed on PVC Swing Joints.
   b. All quick coupler valves shall be placed at one hundred (100) feet intervals unless otherwise specified on drawings.
   c. Hose bibs shall be placed at fifty (50) feet intervals unless otherwise specified on drawings.
5. Thrust Blocks: Contractors shall install concrete thrust blocks at all changes of direction and terminal points of pressured pipe three (3) inches in diameter and larger.
6. Closing of Pipe and Flushing Lines:
   a. Cap or plug all openings as soon as lines have been installed to prevent the entrance of materials that would obstruct the pipe. Leave in place until removal is necessary for completion of installation.
   b. Thoroughly flush out all water lines before installing heads, valves and other hydrants.
   c. Test in accordance with paragraph on Hydrostatic Tests.
   d. Upon completion of the testing, the Contractor shall complete assembly and adjust sprinkler heads for proper distribution.
7. Hydrostatic Tests:
   a. Request the presence of the Owner in writing at least forty-eight (48) hours in advance of testing.
   b. Testing is to be accomplished at the expense of the Contractor and in the presence of the Owner.
   c. Center load piping with a small amount of backfill to prevent arching or slipping under pressure.
   d. Apply a continuous and static water pressure of sixty (60) PSI, after welded plastic joints have cured at least twenty-four (24) hours and with the risers capped, as follows:
      i. Main lines and submains to be tested for twelve (12) hours.
      ii. Lateral lines to be tested for two (2) hours.
8. Coverage Test: when the sprinkler system is completed, Contractor shall perform a coverage test in the presence of the Owner and determine if water coverage for planting areas is complete and adequate. See Section D-2 for coverage.
9. Automatic Controllers: connect remote control valves to controller in a clockwise sequence to correspond with station setting beginning with Stations 1, 2, 3, etc.
10. Automatic Control Wiring:
   a. Install control wires, sprinkler mains and laterals in common trenches wherever possible.
   b. Install control wires at least eighteen (18) inches below finish grade and lay to the side and below main line. Provide looped slack at valves and snake wires in trench to allow for contraction of wires. Tie wires in bundles at ten (10) feet intervals.
   c. Control wire splices will be allowed only on runs more than five hundred (500) feet with no splices except at junction boxes. All wiring connections must utilize waterproof 3M Scotch Lok #3576 Connectors or equal.
   d. All wire passing under existing or future paving, construction, etc., shall be encased in plastic or galvanized steel conduit extending at least twelve (12) inches beyond edges of paving or construction.
11. Backfill and Compacting:
   a. After system is operating and required tests and inspections have been made, fill excavations and trenches with clean backfill free of rubbish.
   b. Backfill for all trenches, regardless of the type of pipe covered, shall be compacted to a minimum 90% density.
   c. Compact trenches in areas to be planted by thoroughly flooding the backfill. Jetting process may be used in those areas.
   d. Dress off all areas to finish grades.

F. CLEAN-UP: remove all debris from the site resulting from work in this section.

G. LOW GALLONAGE IRRIGATION:

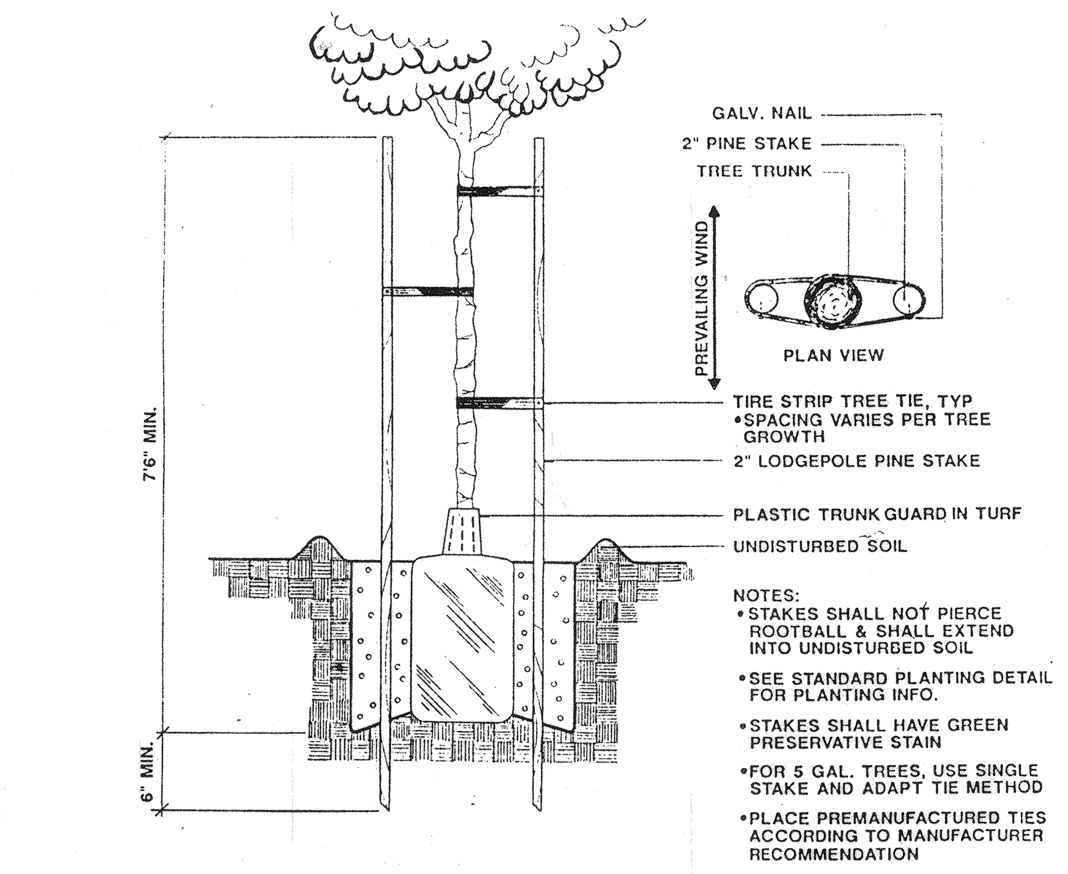
1. Installation of valves, filters and pressure regulators shall be as detailed.
2. Watering Method - Drip Irrigation:
   a. Shrubs - one (1) one-gallon emitter per plant, place on root ball.
   b. Trees - four (4) one-gallon emitters per tree. Place one on root ball, three on triangular spacing at outer line of foliage.
   c. Flower Beds, Groundcover, Small Planted Areas - one (1) one-gallon emitter on triangular spacing with a maximum distance separation of four (4) feet on center.
   d. Baskets, Hanging Pots, Potted Plants - one (1) 1/2-gallon emitter per container.
3. Distribution Tubing (Lateral Lines) - Drip Irrigation
   a. Maximum number of emitters:
      i. 3/8 inch tubing - 80 one-gallon per hour emitters
      ii. 1/2 inch tubing - 240 one-gallon per hour emitters
      iii. 3/4 inch tubing - 480 one-gallon per hour emitters
   b. Tubing with emitter:
      i. 1/8 inch tubing - install emitters on the lateral line or at the end of the tubing.
      ii. 1/4 inch tubing - install emitters on the lateral line.
4. Low gallonage spray jets:
   a. Maximum number of jets:
      i. 1/2 inch tubing - 30 eleven and one half- gallon per hour jets
      ii. 3/4 inch tubing - 50 eleven and one half - gallon per hour jets
5. End Clip: at the end of each distribution tubing (lateral line), provide a cap or clamp that will allow flushing or draining and which will provide the potential to attach additional lengths of tubing.
6. Recommended Watering Periods:
   a. Very hot and windy - thirty (30) minutes per day
   b. Hot and windy - fifteen (15) minutes per day
   c. Warm - ten (10) minutes per day
   d. Cool - five (5) minutes per day
7. General: all trees, shrubs and groundcover areas not irrigated by sprinkler heads shall be irrigated by drip system unless otherwise specified.

H. PUMPING STATION/BOOSTER PUMP: control station and pump as per plan. Control pump specifications file shall be in owner's possession. See details.

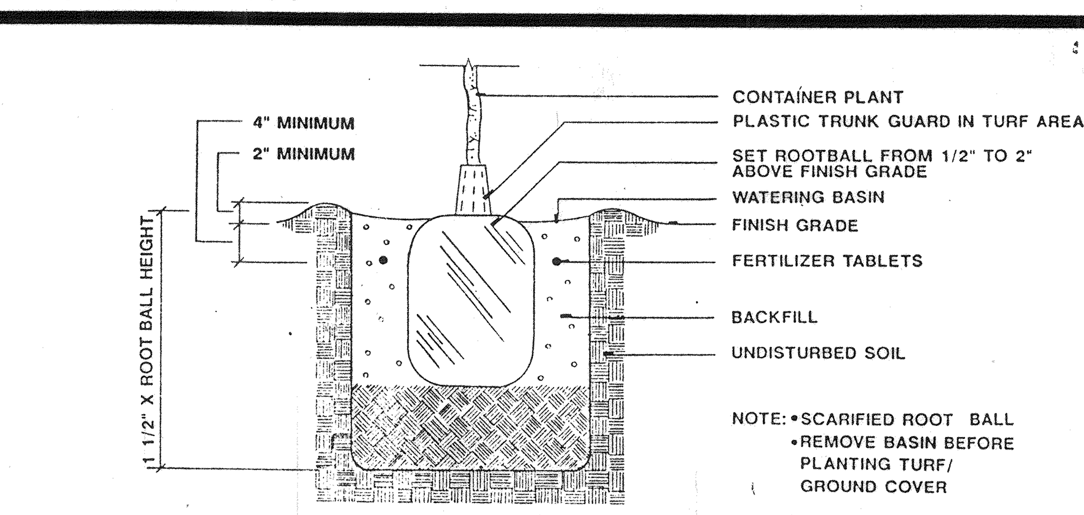


*PVC PIPE MAY BE OMITTED IF STAKING KIT INCLUDES WHITE, PLASTIC COATED, GUY WIRES

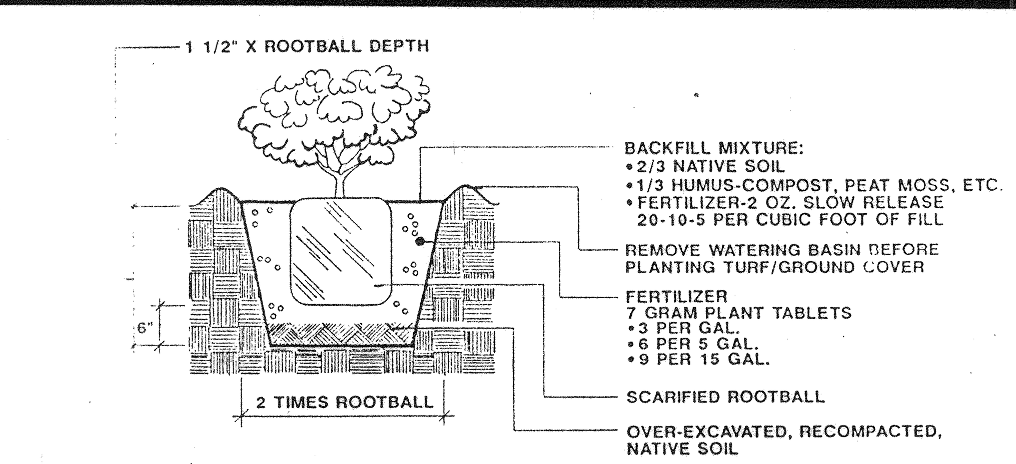
Boxed Tree



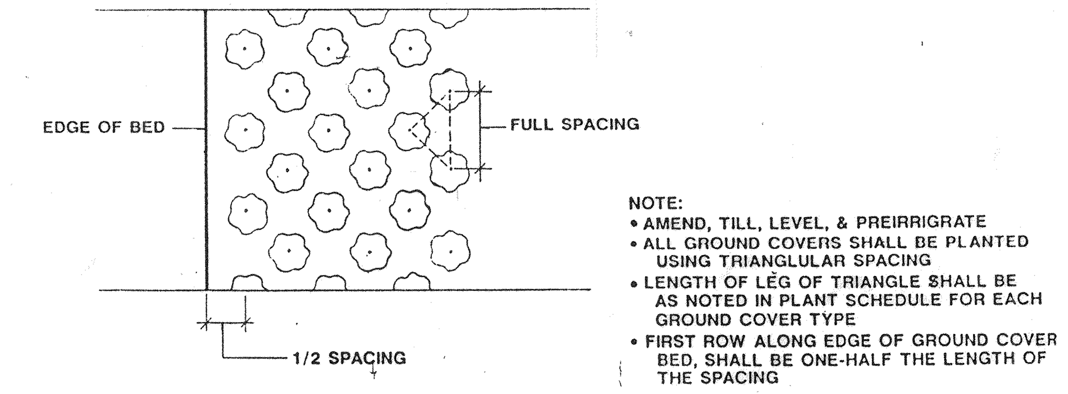
15 Gallon Tree



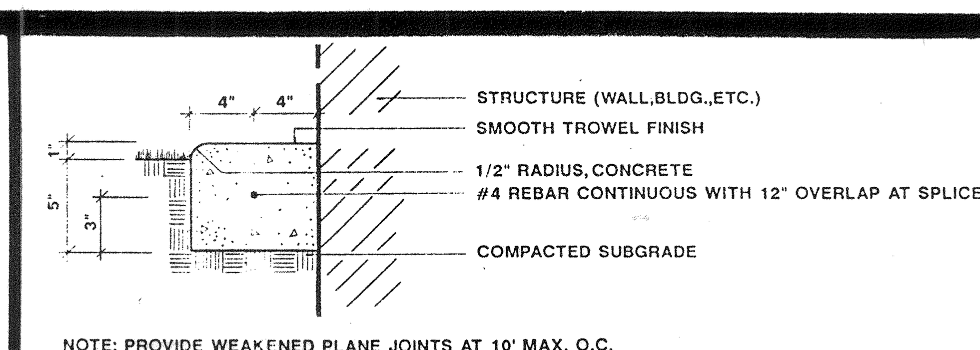
Standard Planting



Shrub

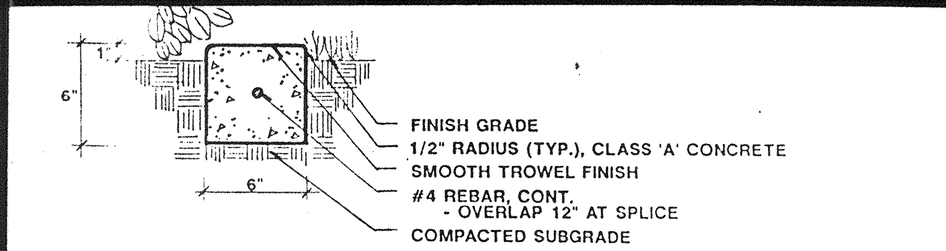


Groundcover



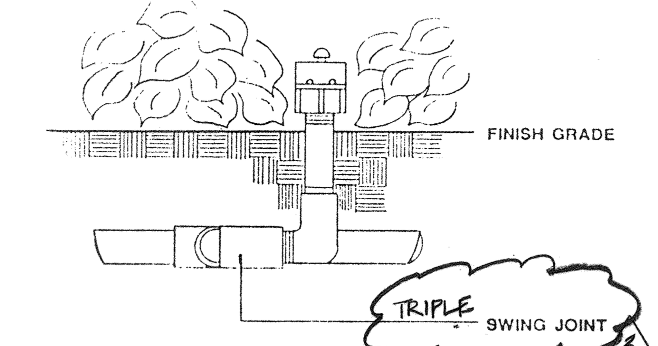
NOTE: PROVIDE WEAKENED PLANE JOINTS AT 10' MAX. O.C. AND EXPANSION JOINTS AT 20' MAX. O.C.

Concrete Edging

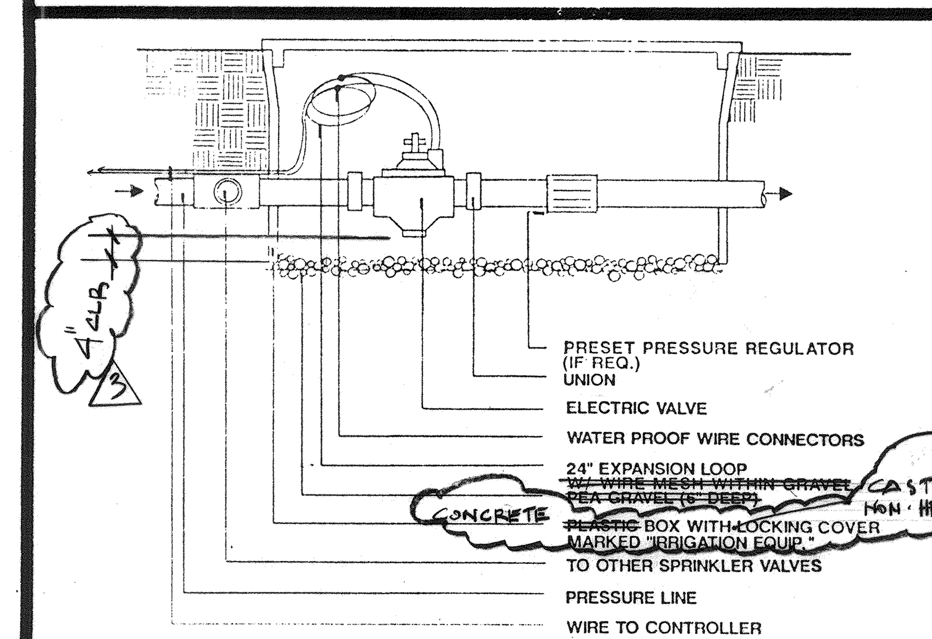


NOTE: PROVIDE EXPANSION JOINTS AT CORNERS & 10" O.C.

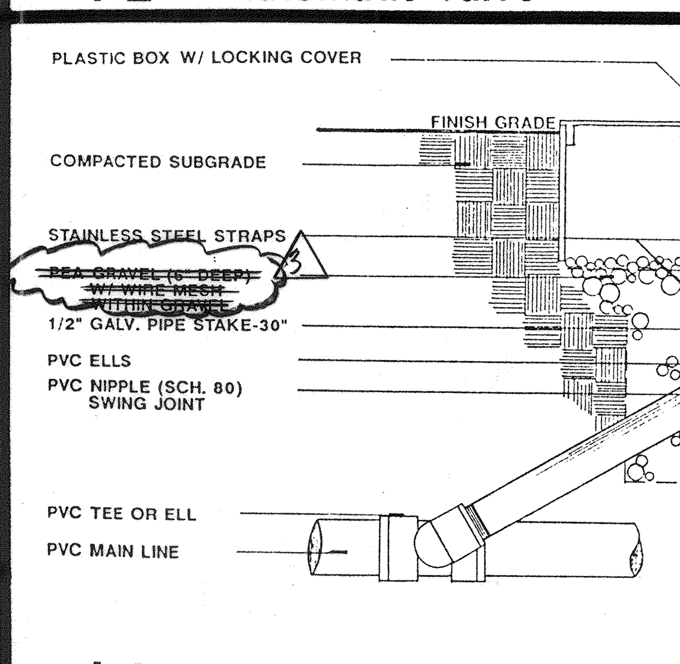
Concrete Header



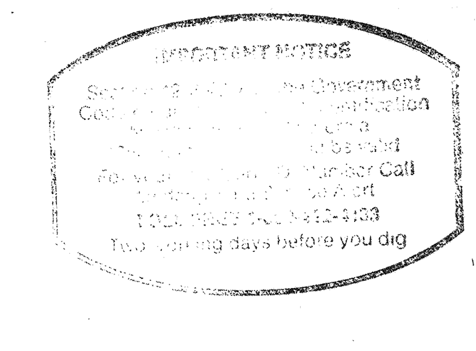
I-1 Flood Bubbler

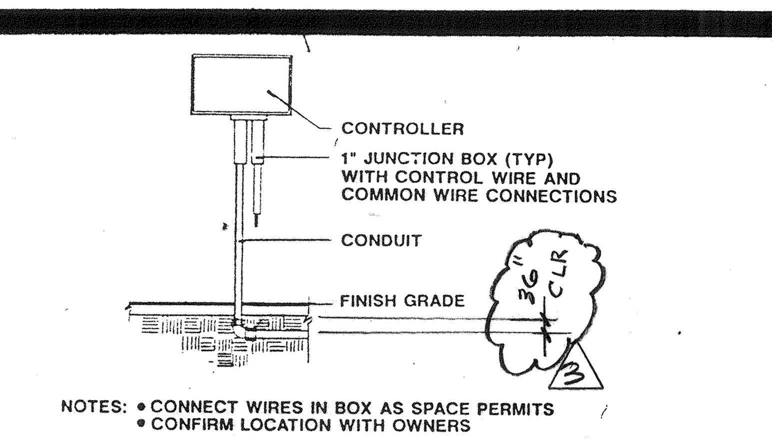


I-2 Automatic Valve



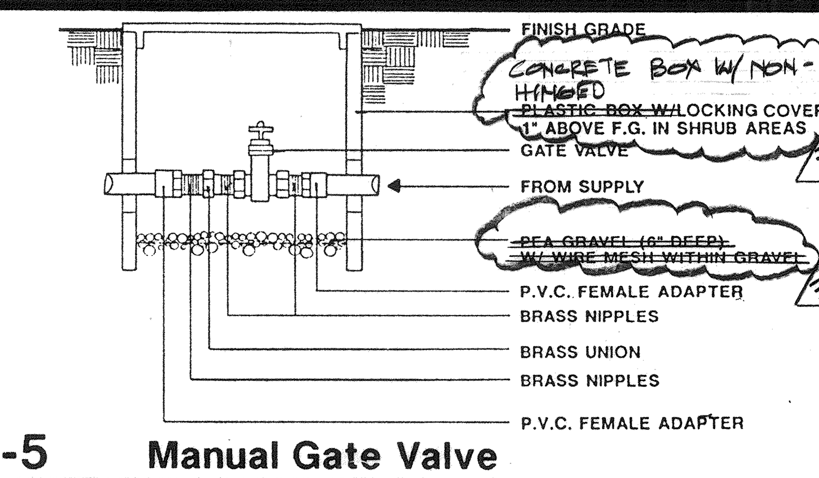
I-3 Quick Coupler





NOTES: • CONNECT WIRES IN BOX AS SPACE PERMITS
• CONFIRM LOCATION WITH OWNERS

I-4 Controller



I-5 Manual Gate Valve

GENERAL NOTES

All construction and workmanship shall conform to the Uniform Building Code and to City/County codes. Contractor is responsible for obtaining permits and inspections as required by governing code authority and shall carry worker's compensation, public liability, and property damage insurance as required by Owner.

The Contractor is solely responsible for all construction methods and for safety conditions at the work site.

The Landscape Architect firm is not liable for construction methods.

For clarification of design concept details, shop drawings shall be submitted by Contractor, if required by Owner or governing authority.

The drawings and specifications represent the finished construction product. These documents, although prepared with care and diligence, may represent imperfect information and may contain code violations, errors, omissions, contradictions and improper uses of materials. The Contractor shall review these documents thoroughly and shall notify the Landscape Architect or owner immediately upon any such discovery.

All scale dimensions are approximate. The Contractor shall check and verify all site dimensions prior to proceeding with work and clarify with Owner or Landscape Architect if necessary.

All bracing, temporary supports, shoring, etc, are the sole responsibility of the Contractor. Observation visits to the job site by the Landscape Architect/Owner do not include inspection of construction procedures. The visits shall not be construed as continuous and detailed inspections.

All existing plants and materials in conflict with this plan shall be removed. Disposition of salvageable materials is at the discretion of the Owner.

Design, material, equipment and products other than those described or indicated on drawings may be considered for use, provided prior approval is obtained from the Owner and the applicable code authority.

Materials, finishes, and colors shall be confirmed by samples with Owner prior to purchase.

During work and through its completion, the Contractor shall keep the site clean to the satisfaction of the Owner.

All constructed or manufactured items placed shall be checked in an on-going program to detect unsafe or deteriorated conditions for replacement or correction by the owner.

Owner shall provide sufficient lighting to all areas and construct and maintain all structures in a manner to create a safe environment.

PLANTING NOTES

Control measures for bermuda grass, nut grass and other weeds shall be applied prior to planting according to manufacturer's specifications and/or Owner's requirements.

Soil in ground cover, turf and hydroseeded areas shall be amended with three (3) cubic yards of humus material (RNR redwood, cedar sawdust or equal) and thirty (30) pounds of 6-6-4 commercial fertilizer per one thousand (1,000) square feet. Amendments shall be evenly spread and tilled to a depth of four (4) inches. If a soil sample test is required, amendments shall be applied as per recommendation of the report and shall supersede the above.

Soil shall be added and compacted to grade where pavement, bases, roots, etc., are removed. Finish grade shall be three-quarters (3/4) inches below all sidewalks, patios and curbs unless otherwise specified.

Final grade shall be done to assure proper drainage. Catch basins shall be installed as necessary in enclosed areas and low spots to insure that there will be no standing water.

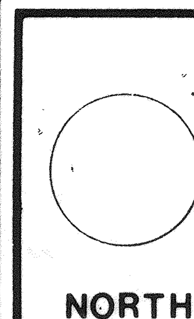
Prior to planting, all planting areas shall be irrigated with at least two (2) inches of water for assurance of moist planting soil. Low areas shall be filled with amended soil and irrigated to settle.

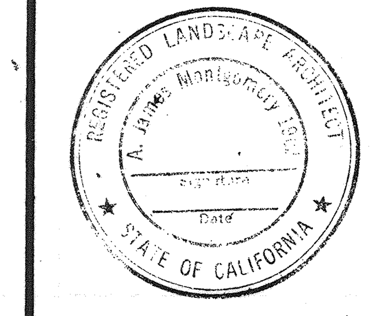
All plant material shall be in accordance with American Standard of Nursery Stock. Planting shall be done per specifications and shall be irrigated thoroughly immediately after planting.

After completion of planting, all trees shall be guaranteed to live in a healthy condition for a one year period, and all other plant material shall be guaranteed for a sixty day period.

All plant material shall be checked and maintained (periodically pruned) and cushioning materials shall be replaced as required by the owner in an ongoing program to assure a safe environment.

All tree pruning work shall be preformed by a certified tree arborist.





MARCH 1,1994

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Revisions: 3 12-15-93

A. James Montgomery & Assoc., Inc.
LANDSCAPE ARCHITECTURE

BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE

Planting & Irrigation Details/Specifications

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date:
scale: N
page: 2
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OF 27

PN - 414

PLAN NO. P-

Irrigation Schedule

SYM	MANUFACTURER	MODEL	DESCRIPTION	NOZ	GPM	RAD	PSI	PAT	DET
—o—	TORO OR EQUAL	500 SERIES	FLOOD BUBBLER 3" RISER IN SHRUB AREA	514-20	2.0	FLOOD	20	FLOOD	1

SYM	DESCRIPTION	MANUFACTURER	MODEL	DET
RPZ	POINT OF CONNECTION TO EXISTING IRRIGATION MAINLINE	—	—	—
	AUTOMATIC VALVE	HARDIE OR EQUAL STATION # SIZE GPM	700 - 1" & 1½"	2
	MANUAL GATE VALVE	NIBCO	T113, 1½"	5
	QUICK COUPLER	RAIN BIRD	44LRC, 3/4"	3
	ELECTRIC CONTROLLER SHUTOFF DEVICE (SEE NOTES) N/P/MAN	HARDIE - RAINBIRD 9 STATION	RAINDIAL RD900 EXT. RAIN CHECK	4 REMOTE

Piping Schedule

SYM	DESCRIPTION	RATING
	1½" PRESSURE LINE - USE 3/4" TO CONNECT QC VALVE TO IRRIGATION MAINLINE	SCHEDULE 40
3/4"	3/4" NON-PRESSURE LATERAL LINE	CLASS 200
1"	1"	
1¼"	1¼"	
1½"	1½"	

NOTES:

MAXIMUM DEMAND SHALL BE 36.0 GPM AT 20 PSI HEAD PRESSURE W/ 60 PSI AT SOURCE.

ALL PIPES UNDER PAVED AREAS SHALL BE SCHEDULE 40 AND IN SCHEDULE 40 SLEEVING.

THIS SYSTEM IS DIAGRAMMATIC. ALL PIPES, VALVES, ETC., SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS W/HEADS (& PIPES) ONLY IN TURF.

ANY DEVIATION FROM THE DESIGNED IRRIGATION SYSTEM OR ANY MATERIALS SUBSTITUTION WILL VOID SYSTEM INTEGRITY OF LANDSCAPE ARCHITECT'S DESIGN.

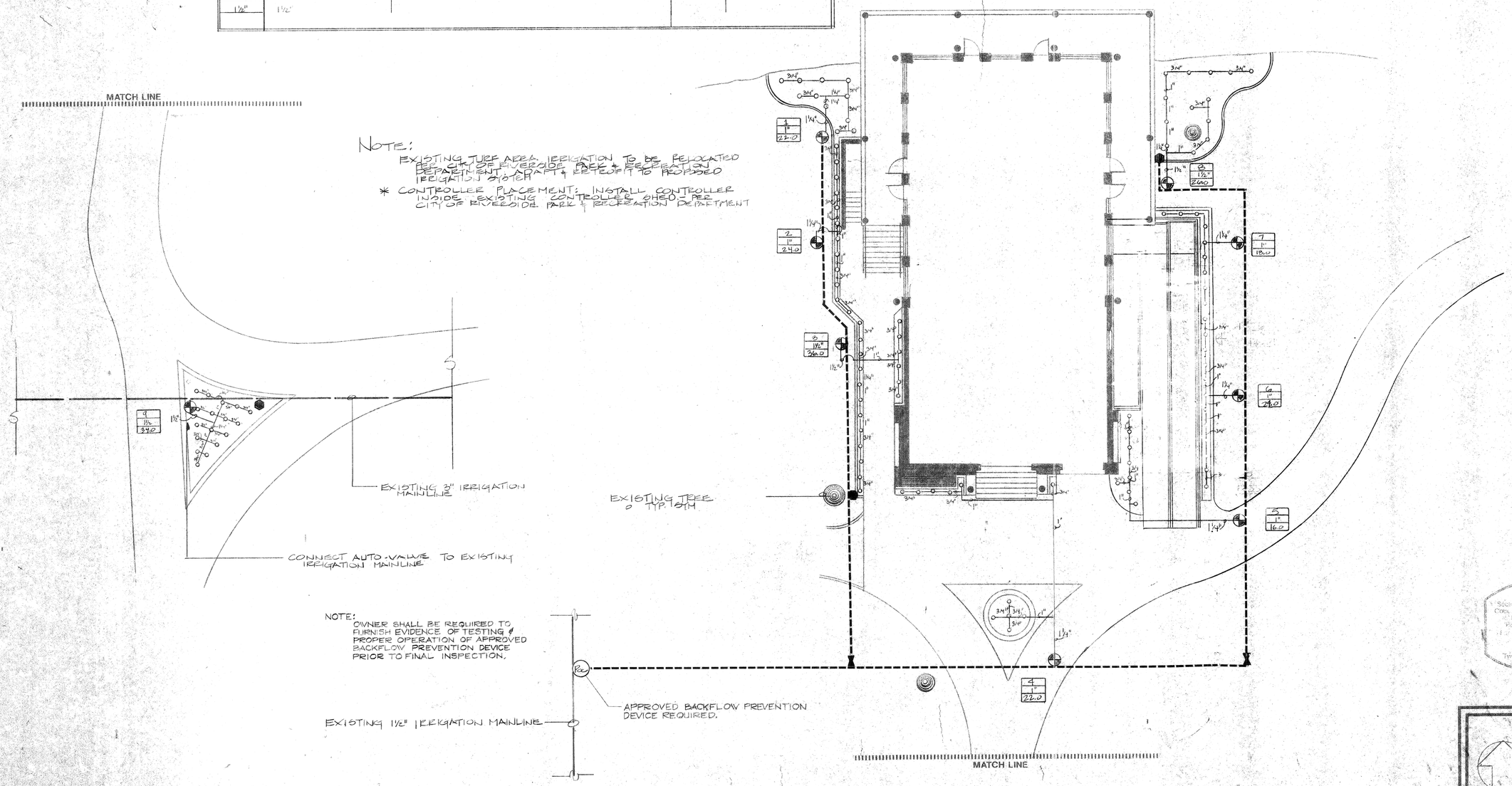
ANY MATERIALS SUBSTITUTION SHALL BE OF EQUAL QUALITY & TYPE.

APPROPRIATE SPRAY PATTERNS SHALL BE USED IN ALL LOCATIONS.

LOCATE VALVES & CONTROLLERS PER OWNER.

USE CHECK VALVE WHERE HEADS VARY MORE THAN 3' IN ELEVATION ON A VALVE.

THIS IRRIGATION DESIGN IS BASED ON ZONING IRRIGATION PRINCIPLES FOR PLANT MATERIAL AND SUN EXPOSURE. AUTOMATIC CONTROLLER TO BE ADJUSTED PER ZONE WATERING REQUIREMENTS.



IMPORTANT NOTICE
Section 4216 et seq. of the Government Code requires a Dig Alert identification number be issued to contractors working in excavation within the area of underground utilities. Call Underground Service Alert (Toll Free Number 800-422-4133) two working days before you dig.

NORTH

REGISTERED LANDSCAPE ARCHITECT
A. James Montgomery
STATE OF CALIFORNIA

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Revisions
1/92 TREE ARCH
2/92 PER STATE OF CA
11/02/92

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4515 CENTRAL AVE, STE 204 RIVERSIDE, CA 92506 (714)788-6144

BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

Irrigation Plan

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date: 10-91
scale: 1"=10'
page: 25
I-1
of 25
PN - 9141

PLAN NO. P-

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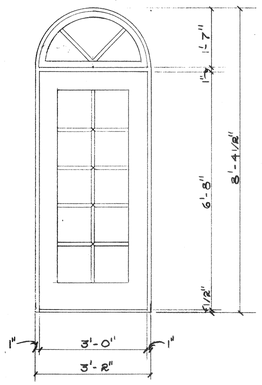

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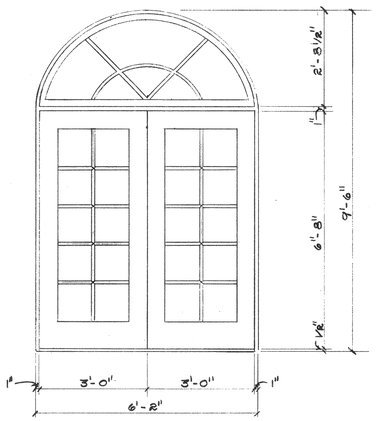

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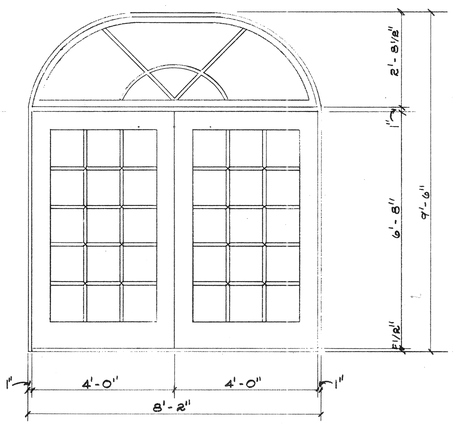

1/2"=1'-0"

Cole & Frick
Architects, A.I.A.

4195 Chestnut Street
Riverside, California
92501 714/684-4011

BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

CLARIFICATION DRAWING
EXTERIOR DOORS &
WINDOWS

REVISIONS

DRAWN BY
R.S.

DATE: 9-10-93
JOB NUMBER

SHEET NO. 13
OF 28

PLAN NO. P-0113