BOATHOUSE for FAIRMOUNT PARK

2707 LOCUST STREET, RIVERSIDE, CA

STATE GRANT NO. 88-1-33016

SHEET INDEX

SHT. NO.		DESCRIPTIONS
1		TITLE SHEET
ARCHITECTURAL:		
2	~~G-1~~ -	~~GRADING PLAN~~ - SITE UNDERGROUND PLAN.
3	C-1 -	CONSTRUCTION SITE PLAN
4	A-1 -	SITE PLAN
5	A-2 -	LOWER LEVEL FLOOR PLAN
6	A-3 -	SECOND FLOOR PLAN
7	A-4 -	EAST ELEVATION, LIGHT COL., RESTROOM & SERVING AREA INTERIOR ELEVATIONS.
8	A-5 -	EXTERIOR ELEVATIONS.
9	A-6 -	SECTIONS A & C
10	A-7 -	SECTIONS B, D & E, TRUSS ELEVATION.
11	A-8 -	WALL SECTION DETAILS
12	A-9 -	SECTIONS F, G, H & I
STRUCTURAL:		
13	S-1 -	FOUNDATION PLAN
14	S-2 -	SECOND FLOOR FRAMING PLAN.
15	S-3 -	ROOF FRAMING PLAN.
16	S-4 -	DETAILS
17	S-5 -	DETAILS
ELECTRICAL:		
18	E-1 -	ELECTRICAL-LOWER LEVEL
19	E-2 -	ELECTRICAL-SECOND FLOOR
20	E-3 -	ELECTRICAL-FIXTURE SCHEDULE
21	E-4 -	UTILITY SITE PLAN
PLUMBING:		
22	P-1 -	PLUMBING PLAN
MECHANICAL:		
23	M-1 -	MECHANICAL PLAN
24	M-2 -	MECHANICAL PLAN
LANDSCAPE:		
25	L-1 -	PLANTING PLAN
26	L-2 -	PLANTING & IRRIGATION DETAILS/ SPECIFICATIONS
27	I-1 -	IRRIGATION PLAN

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

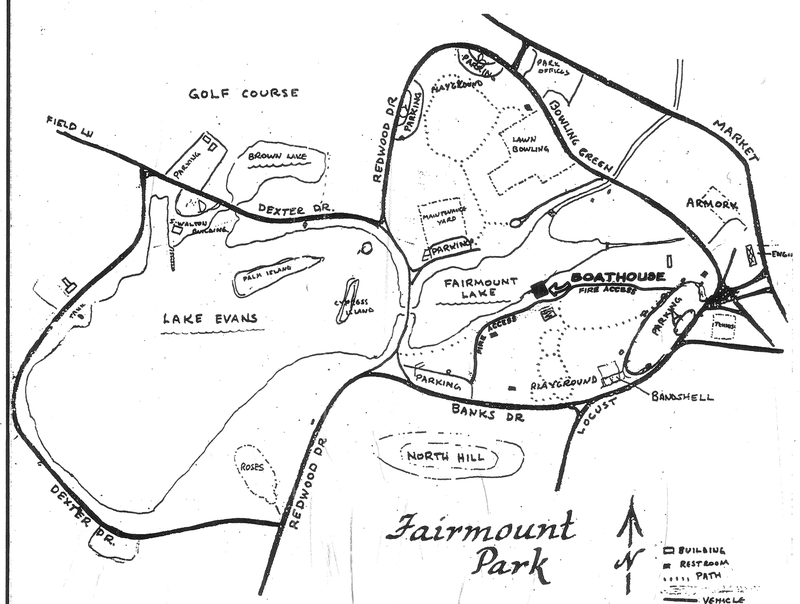
OCCUPANCY:

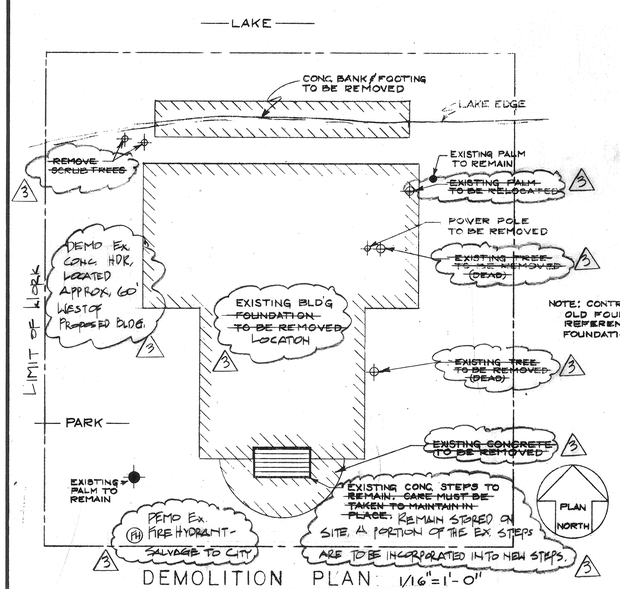
A-3

B-3

PARKING REQUIREMENT:

N/A





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

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

MARCH 1, 1994

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
1 12.15.93

DRAWN BY
E.S.

DATE: 10/10/91
JOB NUMBER

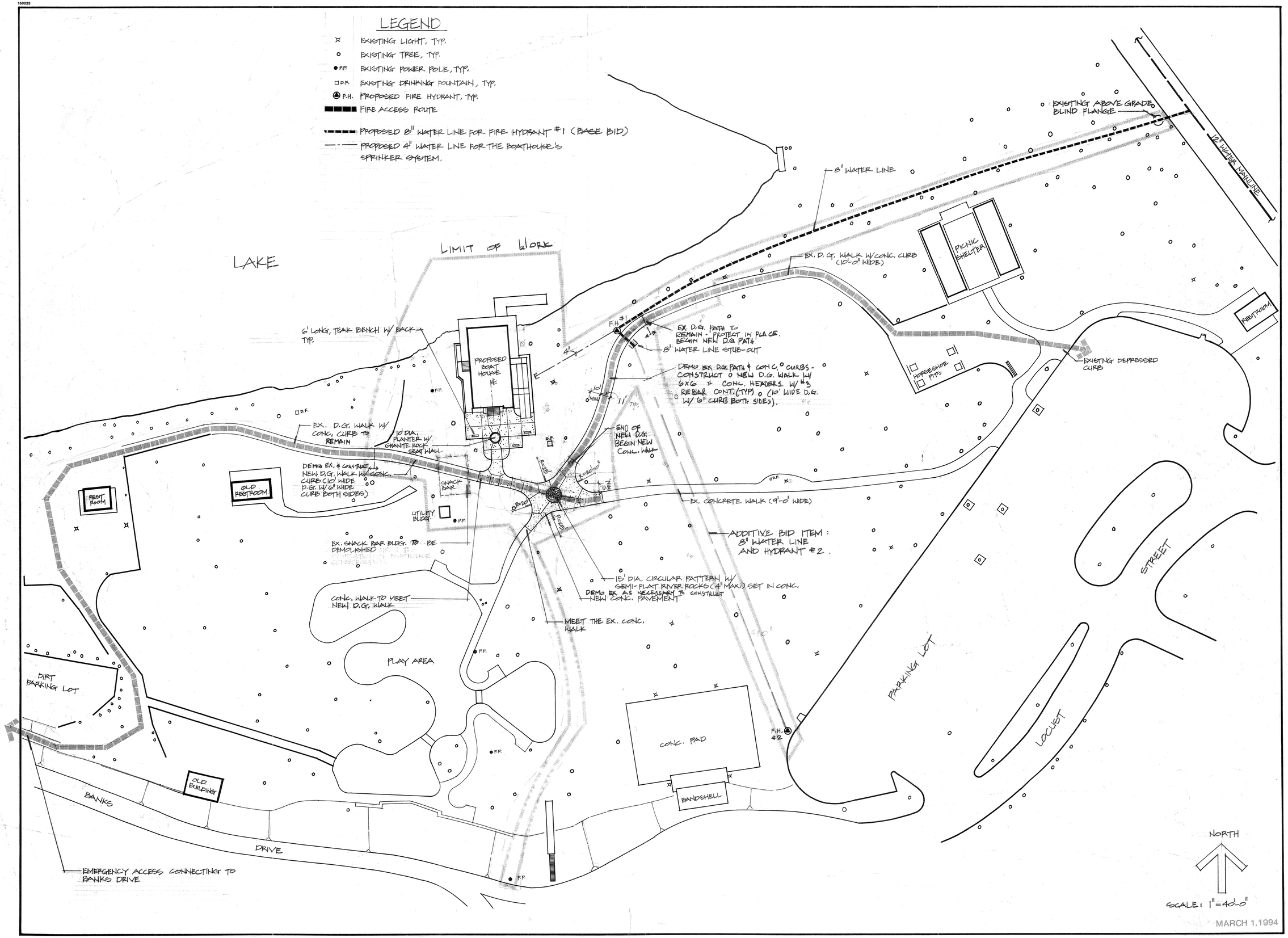
SHEET NO. 1
OF 27

PLAN NO. P-2413

150023

LEGEND

- EXISTING LIGHT, TYP.
- EXISTING TREE, TYP.
- P.P. EXISTING POWER POLE, TYP.
- D.F. EXISTING DRINKING FOUNTAIN, TYP.
- F.H. PROPOSED FIRE HYDRANT, TYP.
- FIRE ACCESS ROUTE
- PROPOSED 8" WATER LINE FOR FIRE HYDRANT #1 (BASE BID)
- PROPOSED 4" WATER LINE FOR THE BOATHOUSE'S SPRINKER SYSTEM.



MARCH 1, 1994

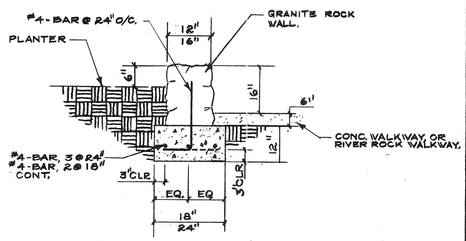
FAIRMOUNT PARK
SITE CONSTRUCTION PLAN
FIRE ACCESS PLAN

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

revisions	by
2. 10.15.93	

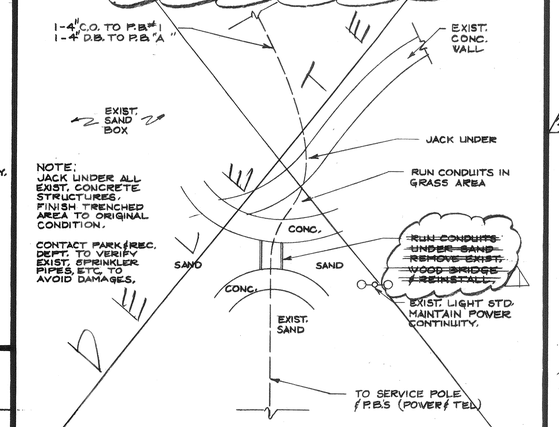
date	10-19-93
design	
drawn	EL
check	
acc't. no.	

SHEET C-1
3 of 27

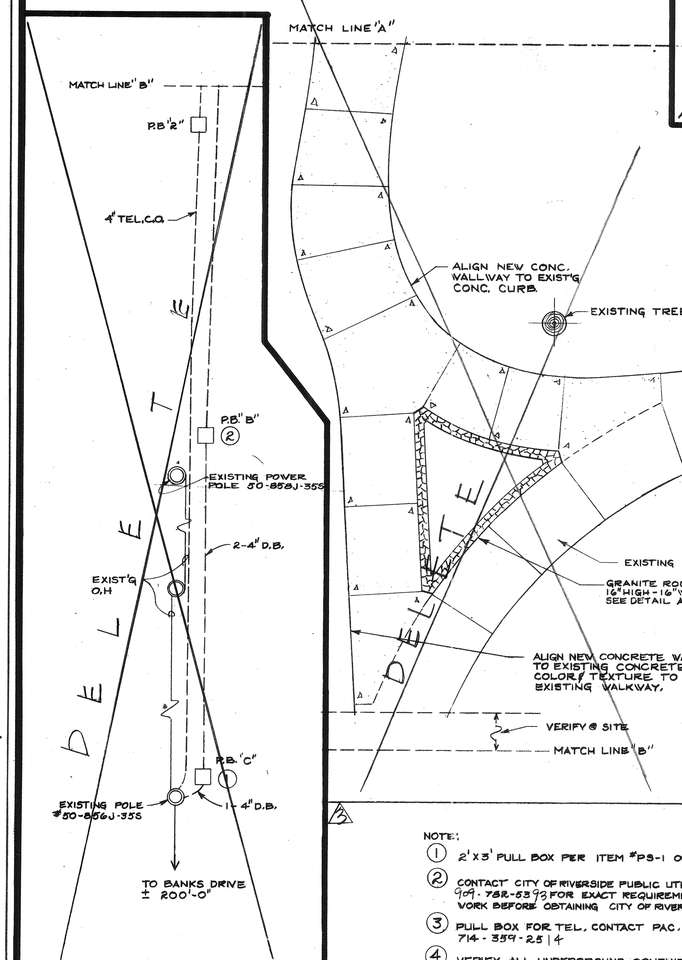


PLANTER WALL DETAIL (1 / A-1)
1/2" = 1'-0"

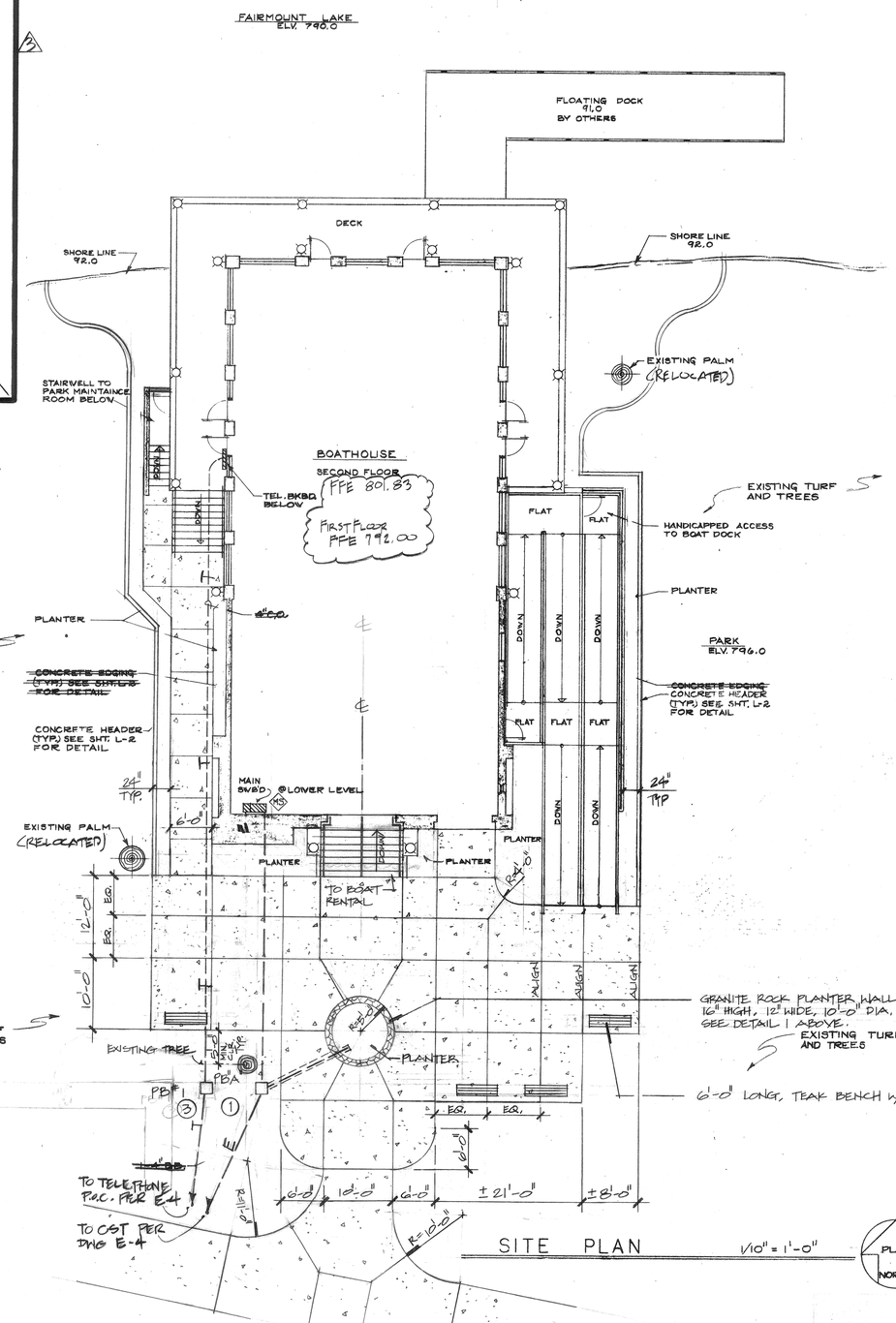
THE CONDUIT IS TO BE ROUTED AROUND THE PLAY AREA. NO CONDUITS, PIPING, OR OTHER UNDERGROUND UTILITIES ARE TO OCCUR WITHIN THE PLAY AREA. IT IS THE INTENT OF THE CITY TO ROUTE ALL ELECTRICAL BRANCH SERVICE CONDUIT PER THE PUBLIC UTILITIES DEPT. STANDARDS & TELEPHONE PER PACIFIC BELL STANDARDS, ALL UNDERGROUND TO EXISTING POLE # 854 J LOCATED NEAR BANKS DR. & IN COORDINATION WX THE PARKS & RECREATION DEPT.



~~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 MAINORD 909-782-5373 FOR EXACT REQUIREMENTS, DO NOT COMMENCE ANY WORK BEFORE OBTAINING CITY OF RIVERSIDE WORKING DRAWINGS. (REF. UTILITIES DRAWING No 404-4146-2 DATED 12/2/93 ATTACHED TO THIS SET AS E-4)
3. PULL BOX FOR TEL. CONTACT PAC. TEL. FOR ALL REQUIREMENTS 714-359-2514
4. VERIFY ALL UNDERGROUND CONDUITS, PIPING, AVOID MECHANICAL DAMAGES.



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

PLAN NORTH

MARCH 1, 1994

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

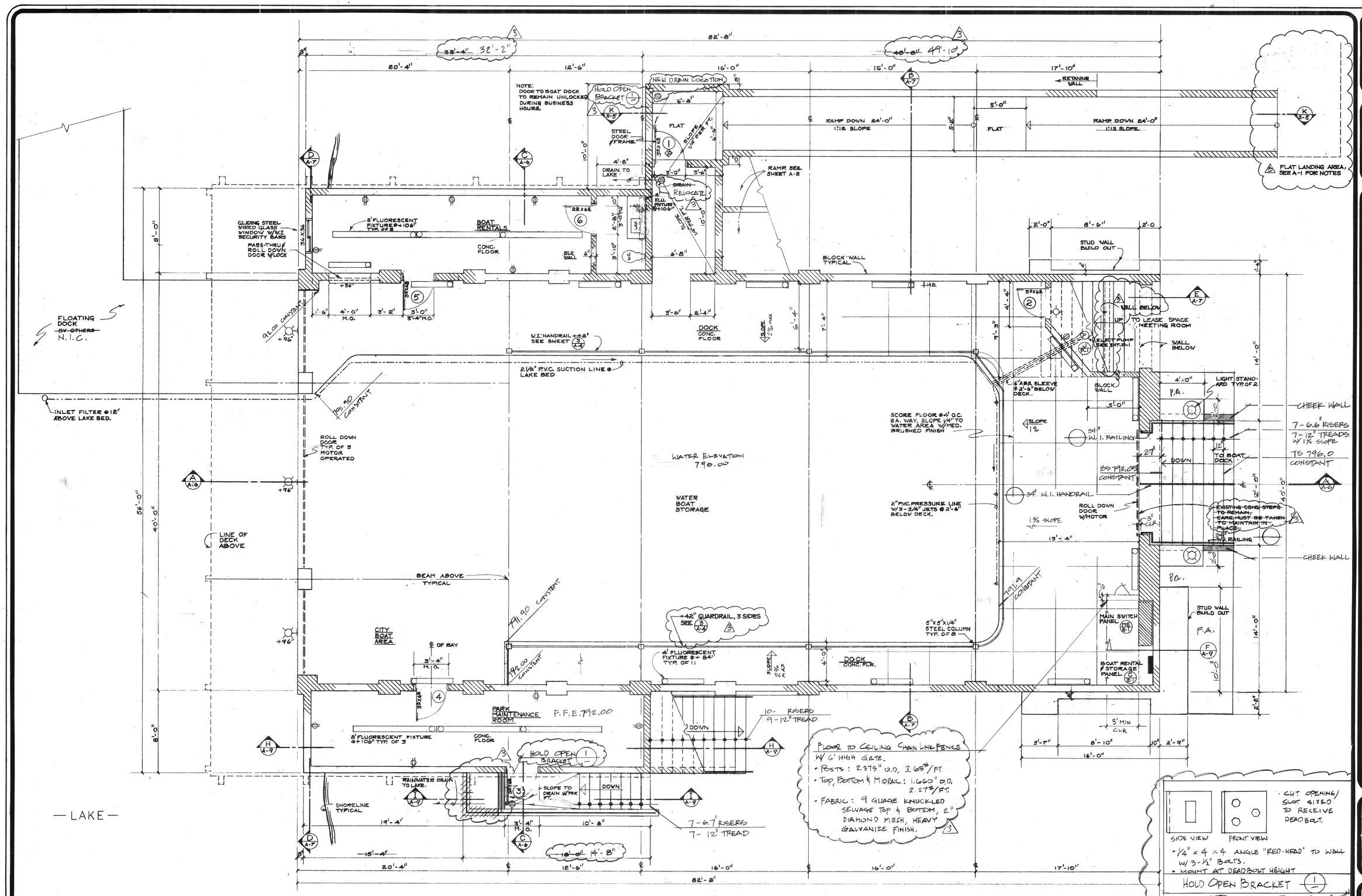
SITE PLAN
~~with ELECTRICAL~~

REVISIONS
1 5.24.93
2 12.15.93

DRAWN BY
RS

DATE: 10/10/91
JOB NUMBER
A-1
SHEET NO. 4 OF 27

PLAN NO. P-0113



LOWER LEVEL PLAN

1/4" = 1'-0"

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

◇ PENIC HARDWARE REQUIRED

MARCH 1, 1994

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

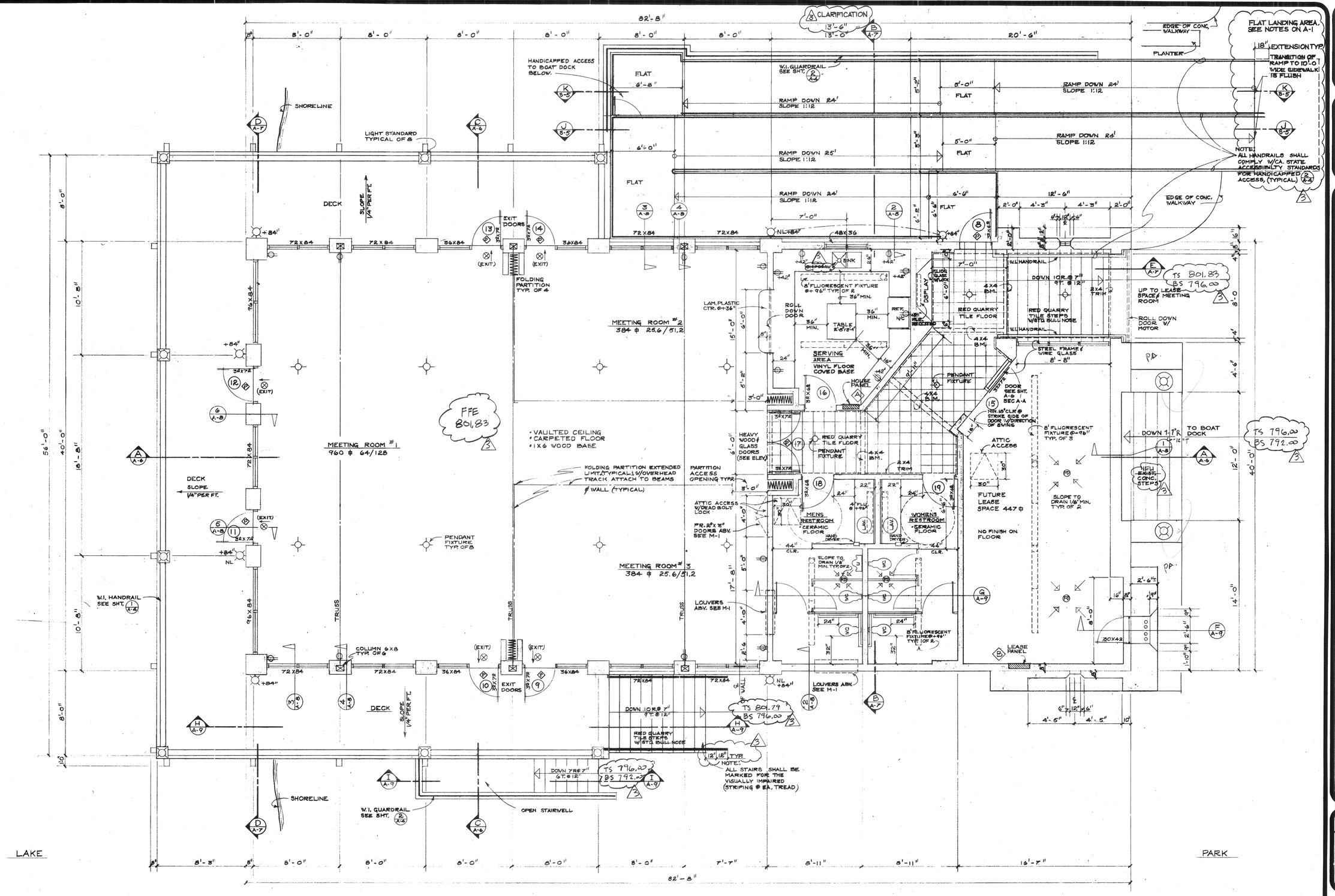
LOWER LEVEL FLOOR PLAN

REVISIONS
△1 12-15-93

DRAWN BY
RS

DATE: 10/10/93
JOB NUMBER
A-2
SHEET NO. 5 OF 27

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

MARCH 1, 1994

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

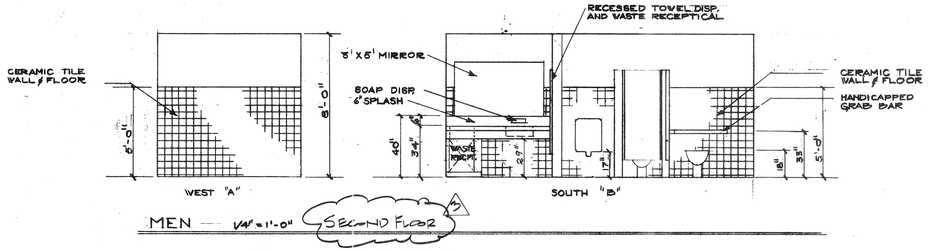
REVISIONS
A 12.15.93

DRAWN BY
RS

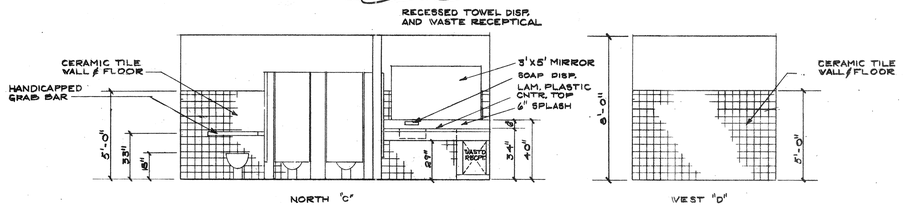
DATE: 10/10/91
JOB NUMBER

A-3
SHEET NO. 6 OF 27

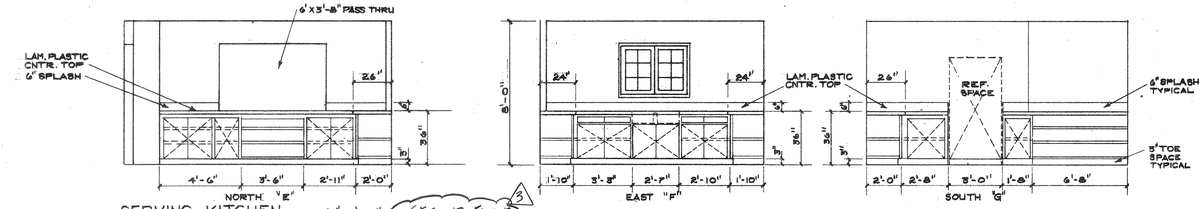
PLAN NO. P-0113



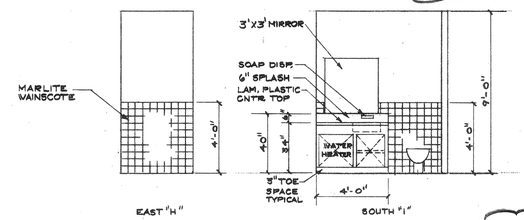
MEN — 1/4" = 1'-0" SECOND FLOOR



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



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

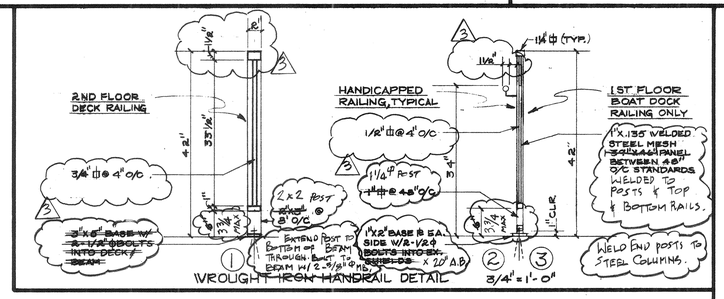


RENTAL OFFICE RESTROOM 1/4" = 1'-0" LOWER LEVEL

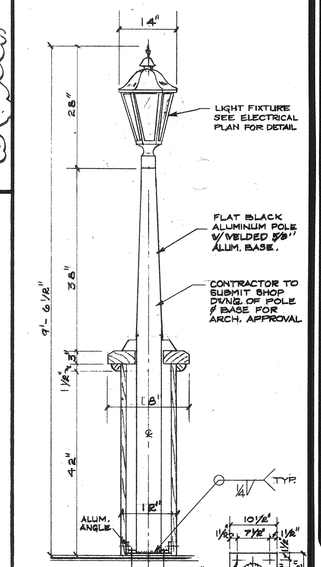
INTERIOR COLOR SCHEDULE

LOWER LEVEL:
- WALLS & CEILINGS — OFF WHITE
- RESTROOM MARLITE WALLS — TAN (NAT. CONC. FLR)
- FIXTURES — WHITE
- COUNTER TOP — TAN
- CABINET — WHITE
- DOORS — MED. BRN.

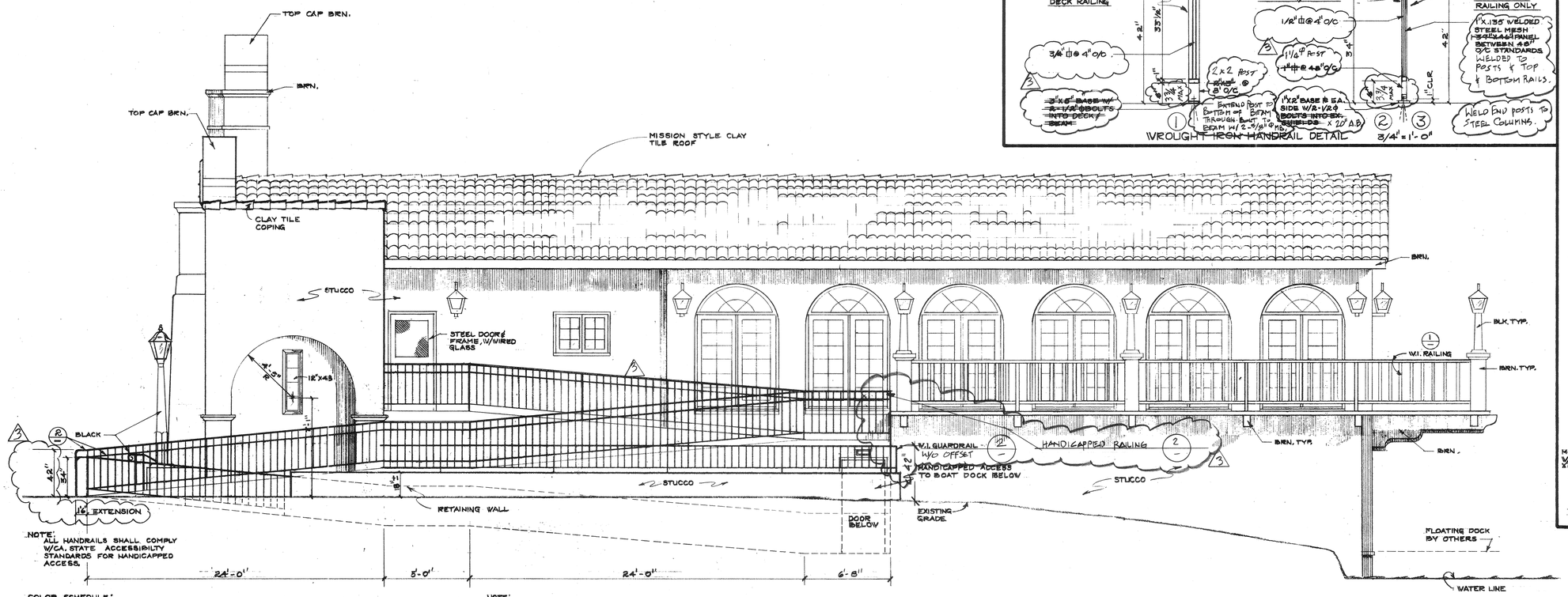
SECOND FLOOR:
- WALLS & CEILINGS — OFF WHITE
- WOOD TRUSSES & WOOD TRIM — DARK BRN.
- ENTRY STAIRS & FLOOR — RED QUARRY TILE
- MENS RESTROOM TILE — TAN
- FIXTURES — WHITE
- COUNTER TOP — TAN, CABINET — WHITE
- PARTITIONS — LIGHT BLUE
- WOMENS RESTROOM TILE WALL & FLOOR — SALMON
- FIXTURES — WHITE
- COUNTER 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
TYPICAL OF 8 3/4" = 1'-0"



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

COLOR SCHEDULE:
EXTERIOR DOORS, WINDOW FRAMES, TRIM, BEAMS, WOOD LIGHT STD'S 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"
MARCH 1, 1994

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
1 12-15-93

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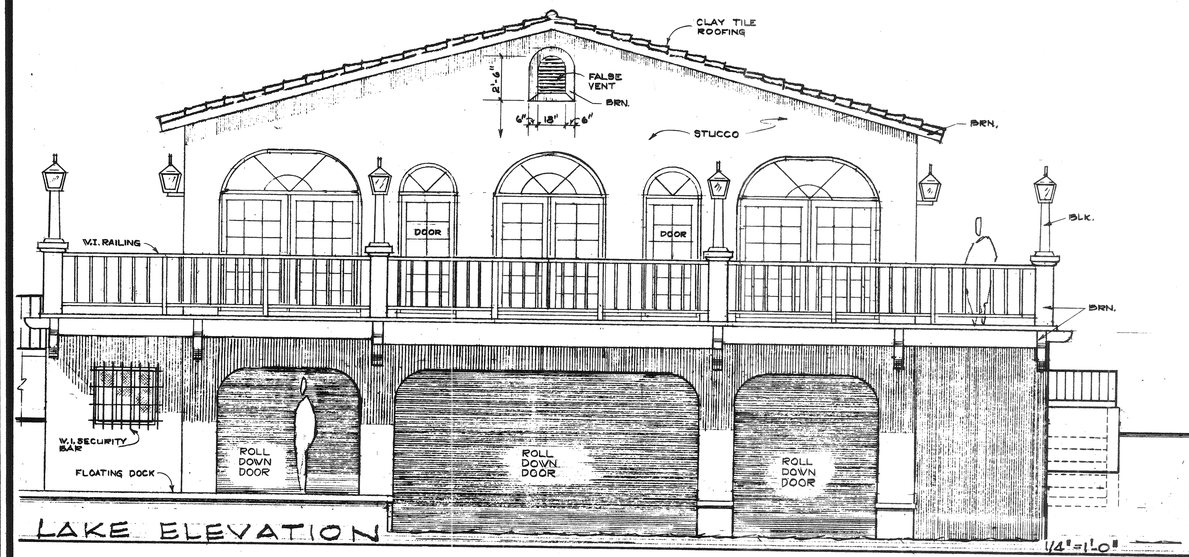
RS

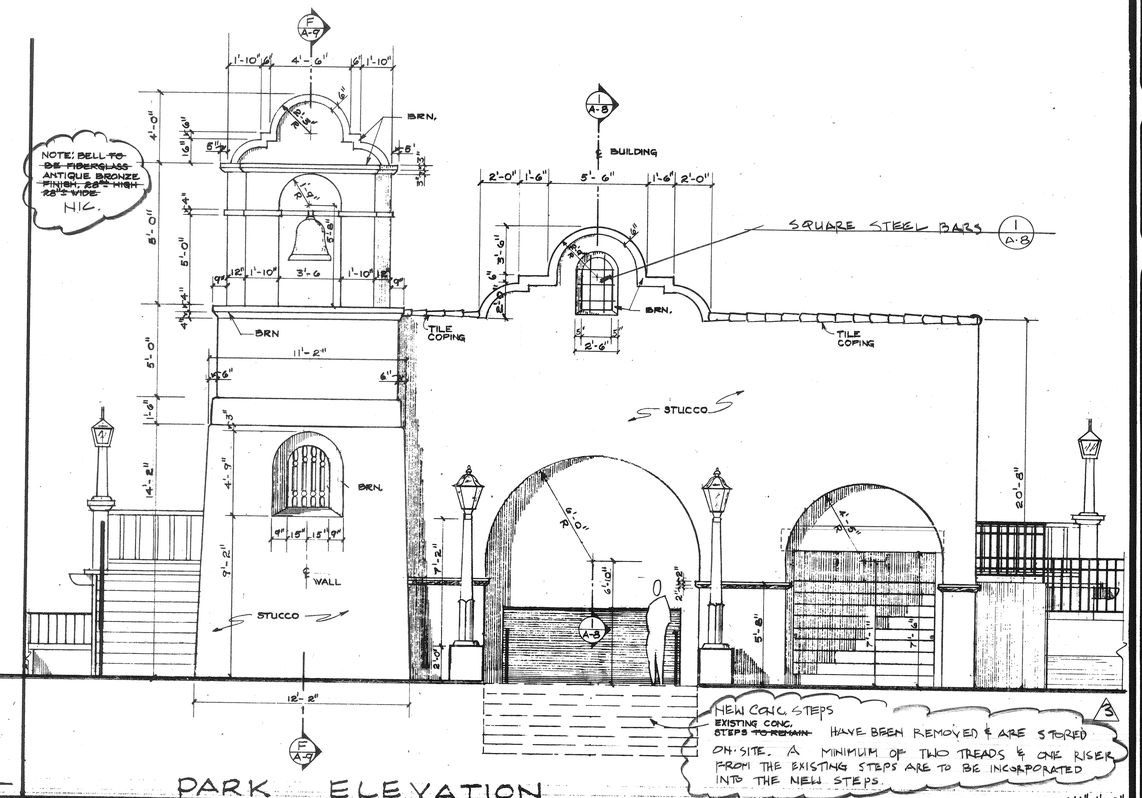
DATE: 10/10/91
JOB NUMBER
A-4
SHEET NO. 7
OF 27

PLAN NO. P-0113



LAKE ELEVATION

1/4"=1'-0"



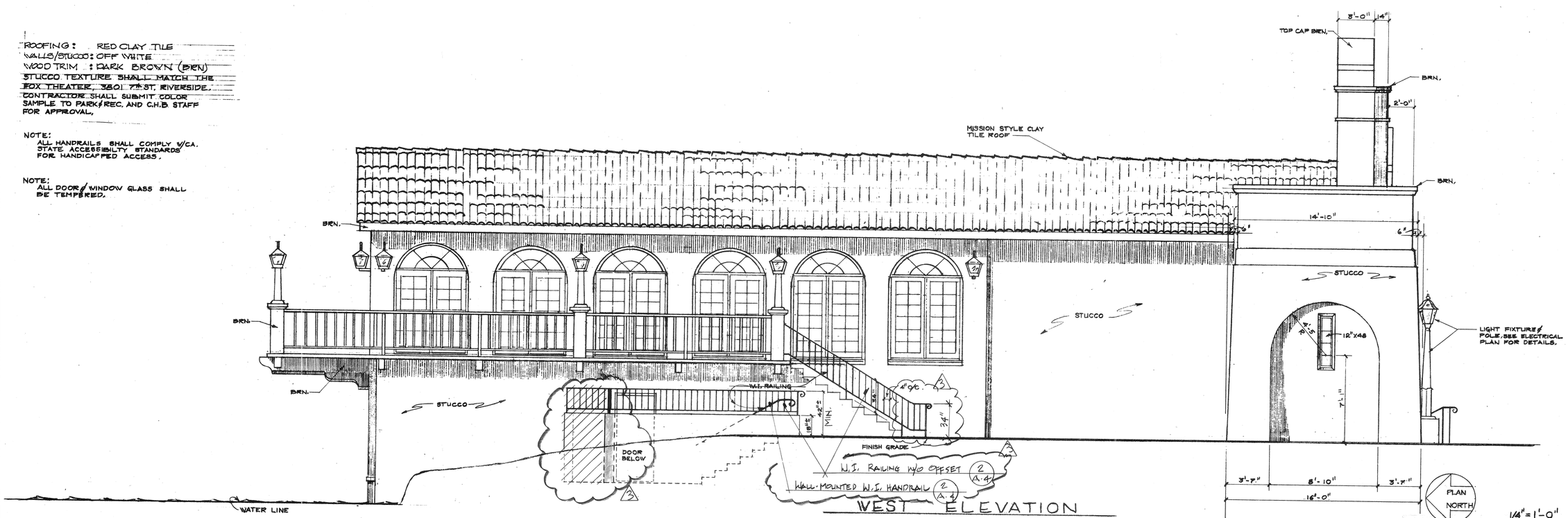
PARK ELEVATION

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 ACCESSIBILITY STANDARDS FOR HANDICAPPED ACCESS.

NOTE:
ALL DOOR & WINDOW GLASS SHALL BE TEMPERED.



WEST ELEVATION

1/4"=1'-0"
MARCH 1,1994

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

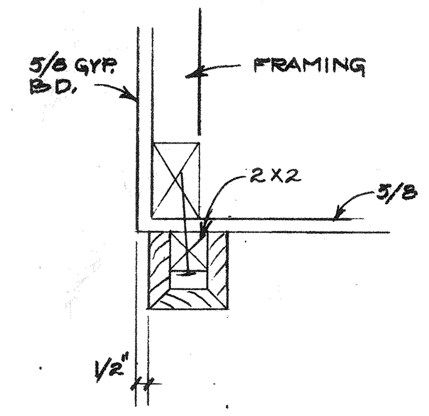
EXTERIOR ELEVATIONS

REVISIONS
3 12.15.93

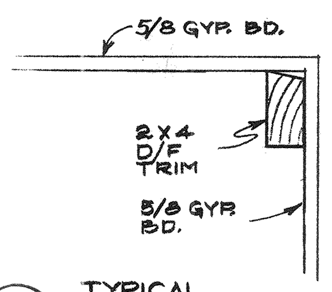
DRAWN BY
RS

DATE: 10/10/93
JOB NUMBER
A-5
SHEET NO. 8
OF 27

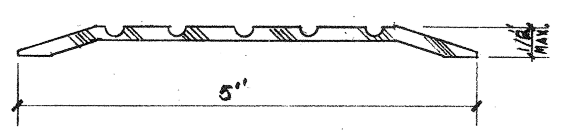
PLAN NO. P-0113



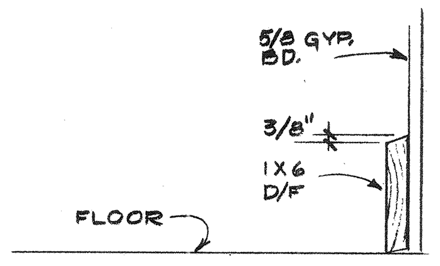
① TYPICAL 4 X 4 BEAM



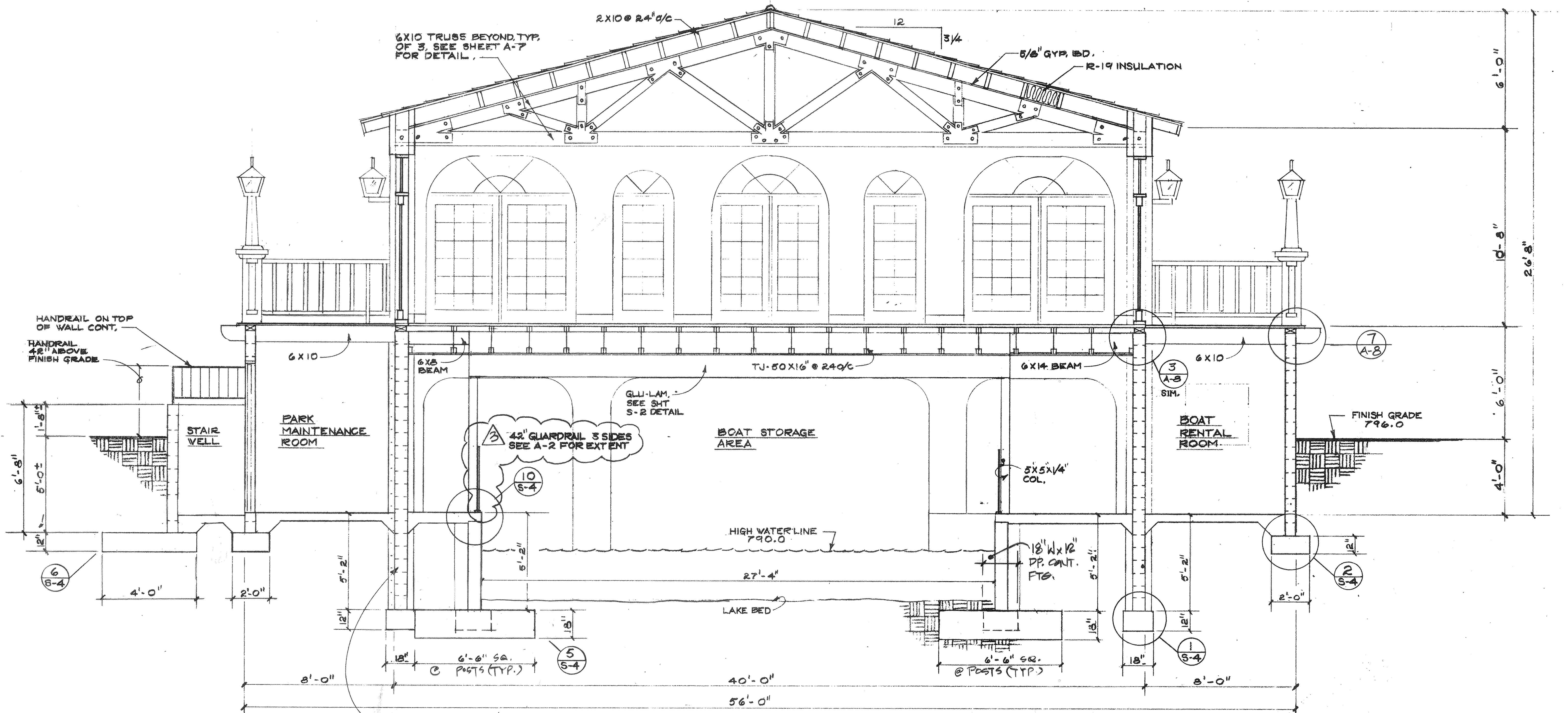
② TYPICAL WALL TRIM



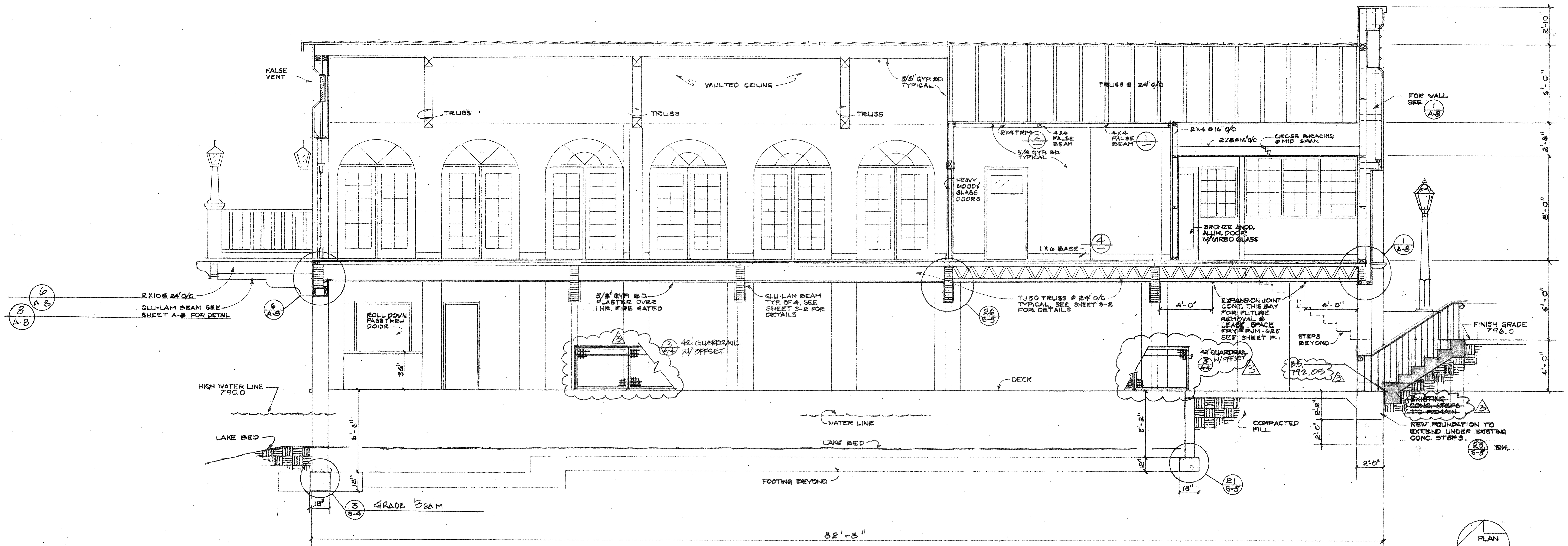
③ TYPICAL ALUMINUM THRESHOLD



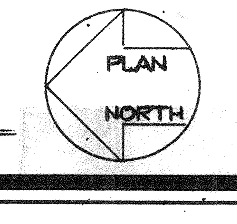
④ TYPICAL WOOD BASE



SECTION C — C 1/4"=1'-0"



SECTION A — A 1/4" = 1'-0"



MARCH 1,1994

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

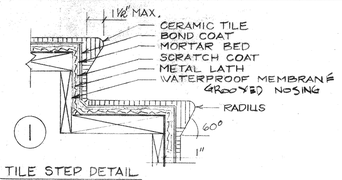
REVISIONS
3 12-15-93

DRAWN BY
RS

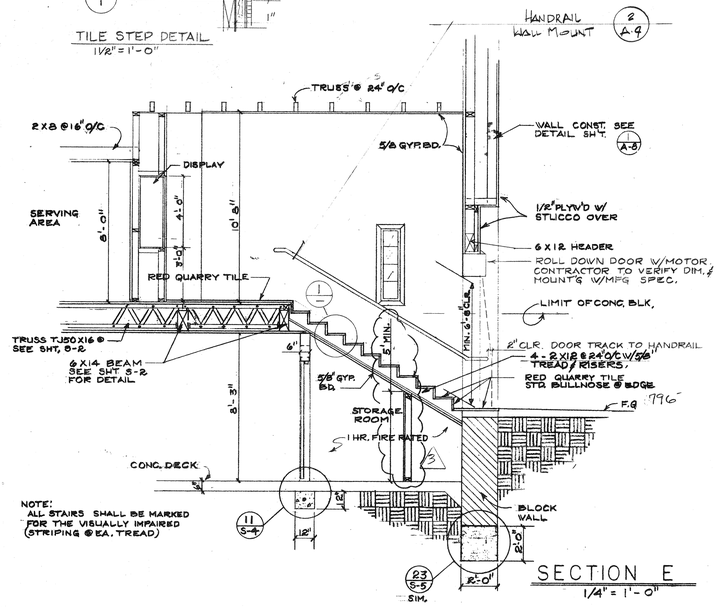
DATE: 10/10/91
JOB NUMBER

A-6
SHEET NO. 9
OF 27

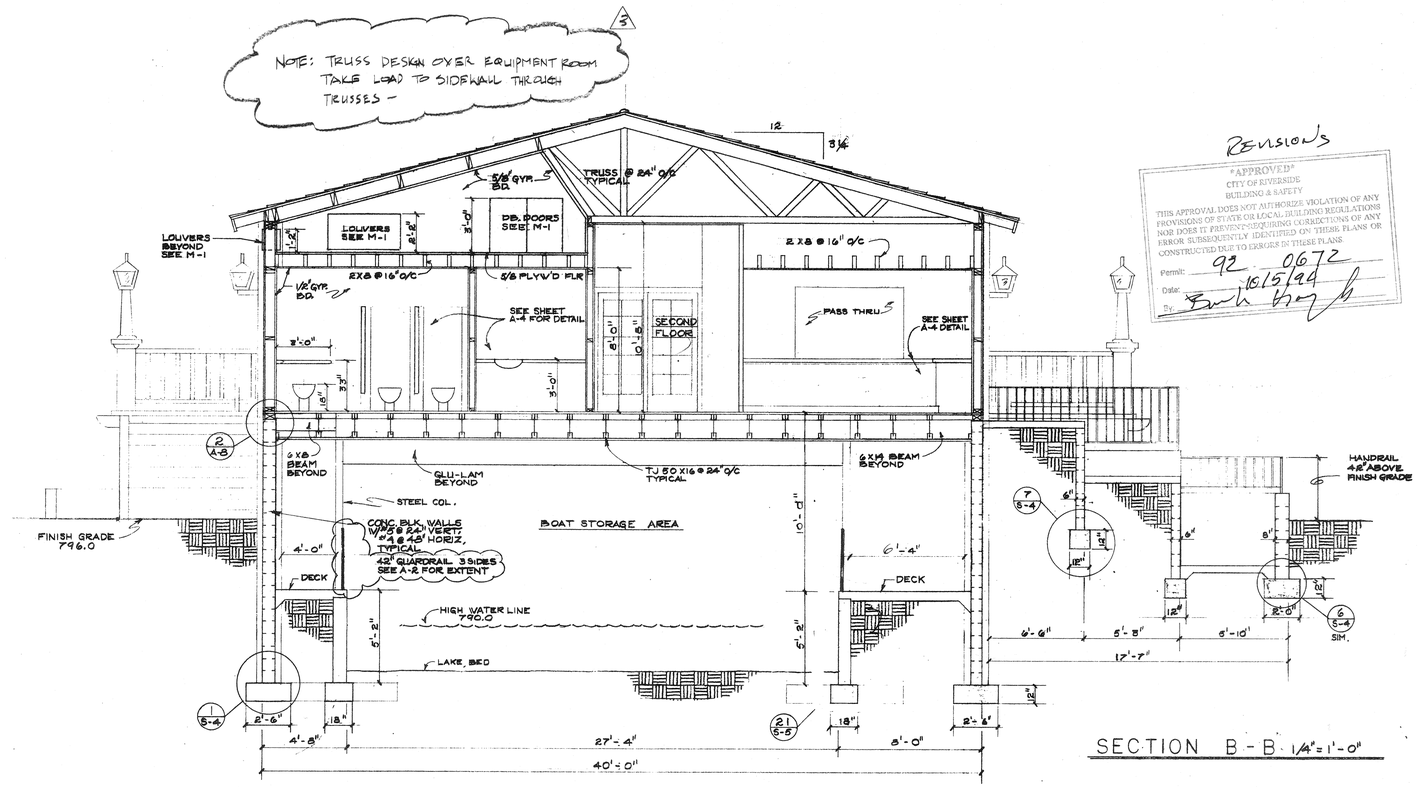
PLAN NO. P-0113



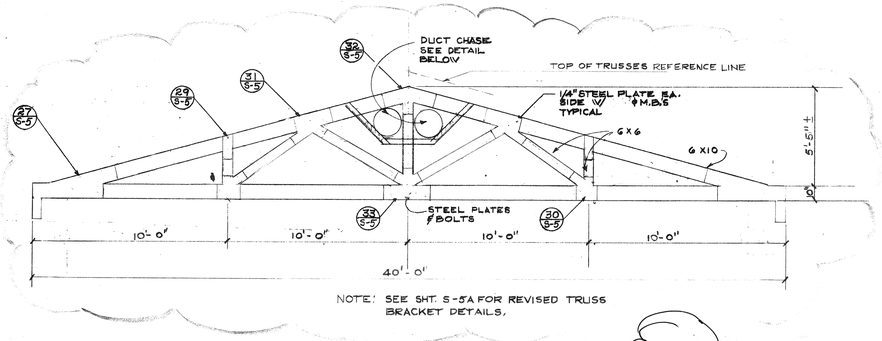
TILE STEP DETAIL
1 1/2" = 1'-0"



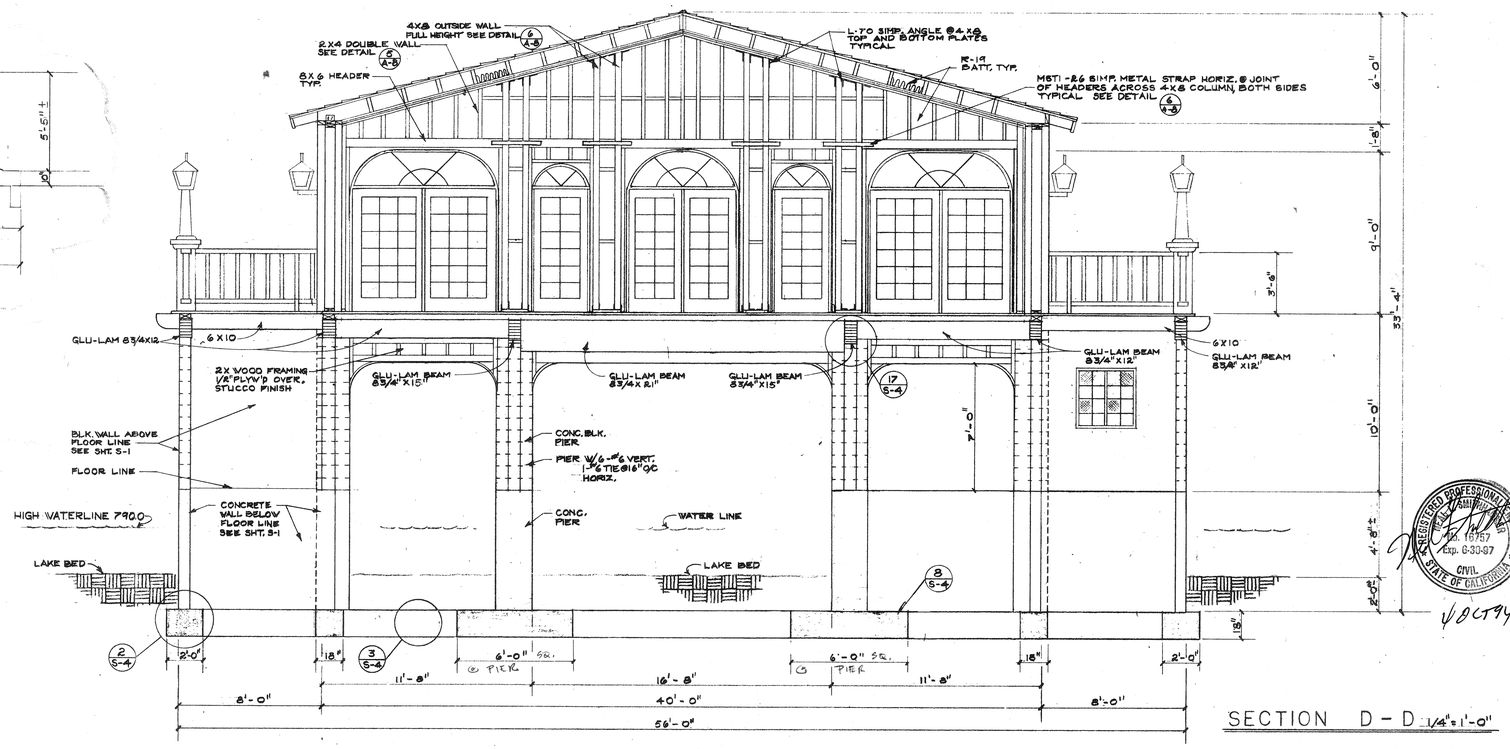
SECTION E
1/4" = 1'-0"



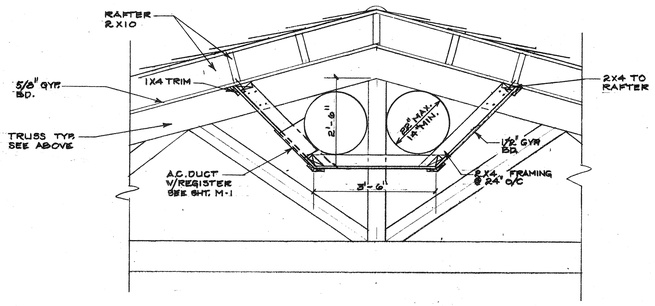
SECTION B - B 1/4" = 1'-0"



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



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



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

REVISIONS

"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: 10/15/94
By: Barb Hoyt

REGISTERED PROFESSIONAL ENGINEER
RAMIN RAZAVI
No. 15757
Exp. 6-30-97
CIVIL
STATE OF CALIFORNIA

10 OCT 94

MARCH 1, 1994

Cole & Frye ARCHITECTS
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

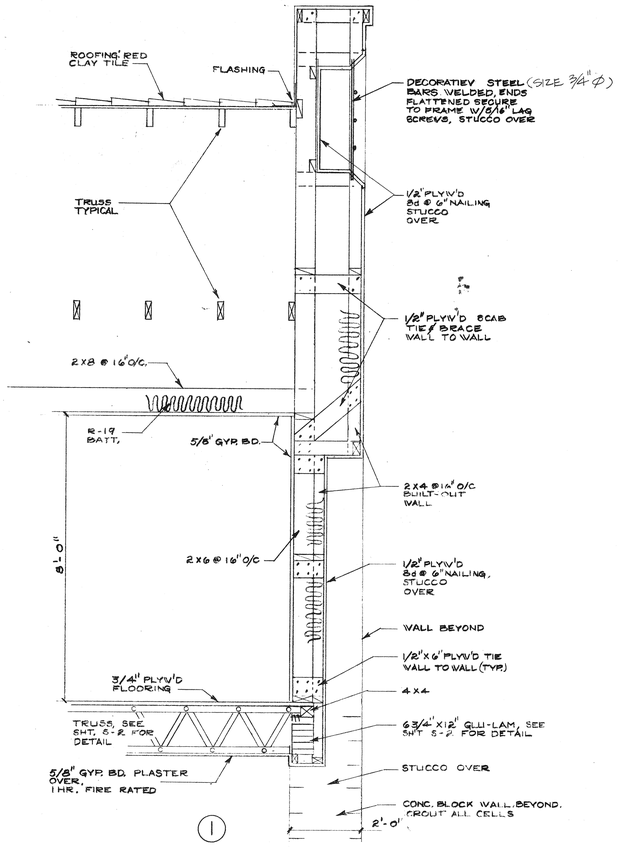
REVISIONS
1 12·15·93
2 9·12·94

DRAWN BY
RS

DATE: 10/10/93
JOB NUMBER
A-7
SHEET NO. 10
OF 29

2707 LOCUST ST.
PERMIT #92-0672

PLAN NO. P-9113



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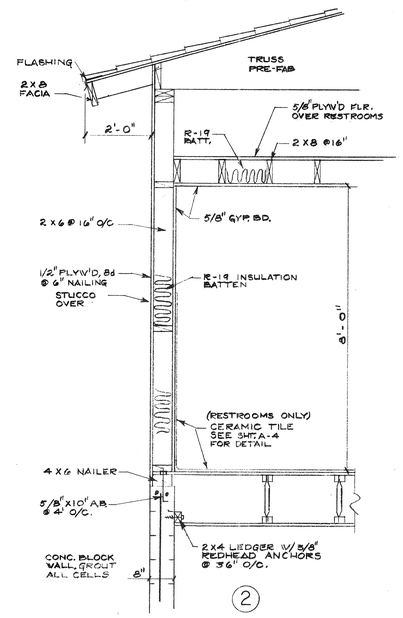

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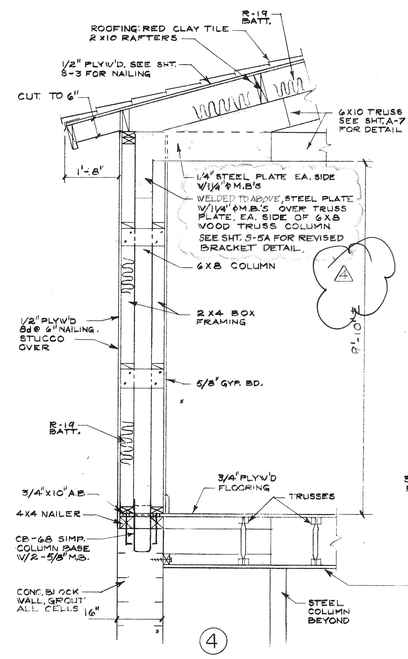

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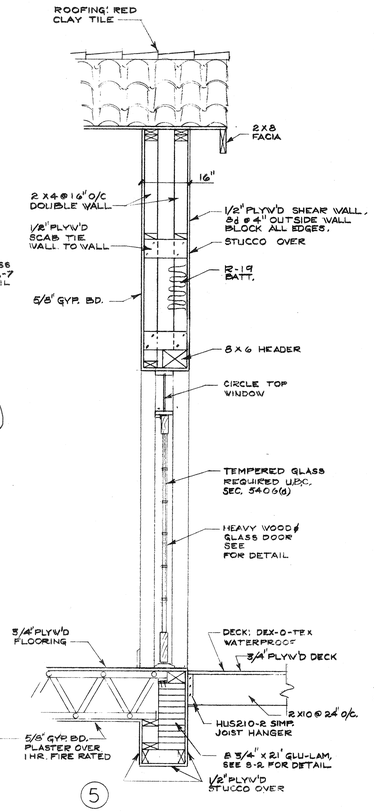

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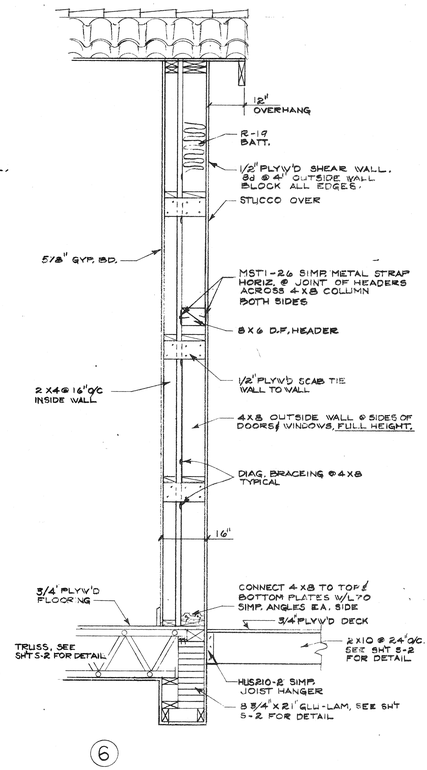

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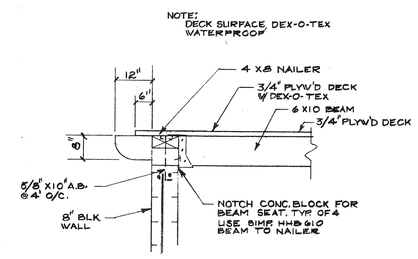

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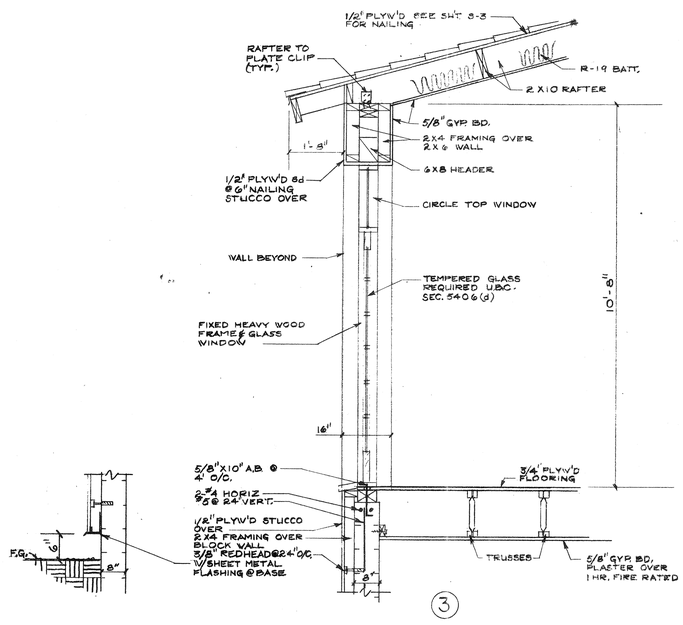

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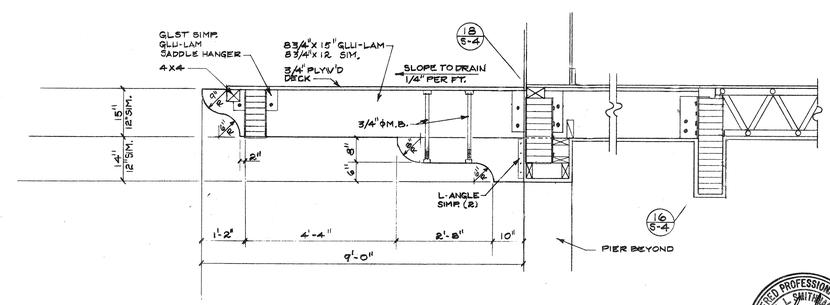


8

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

REGISTERED PROFESSIONAL ENGINEER — WILLIAM L. SMITH — No. 16757 — Exp. 6-30-07 — CIVIL — STATE OF CALIFORNIA

4-09-94

MARCH 1, 1994

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

BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

WALL SECTION DETAILS

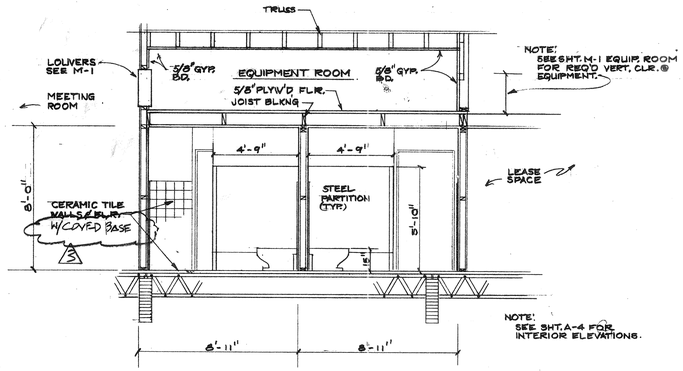
REVISIONS
B 12-15-93
A 9-12-94

DRAWN BY
RS

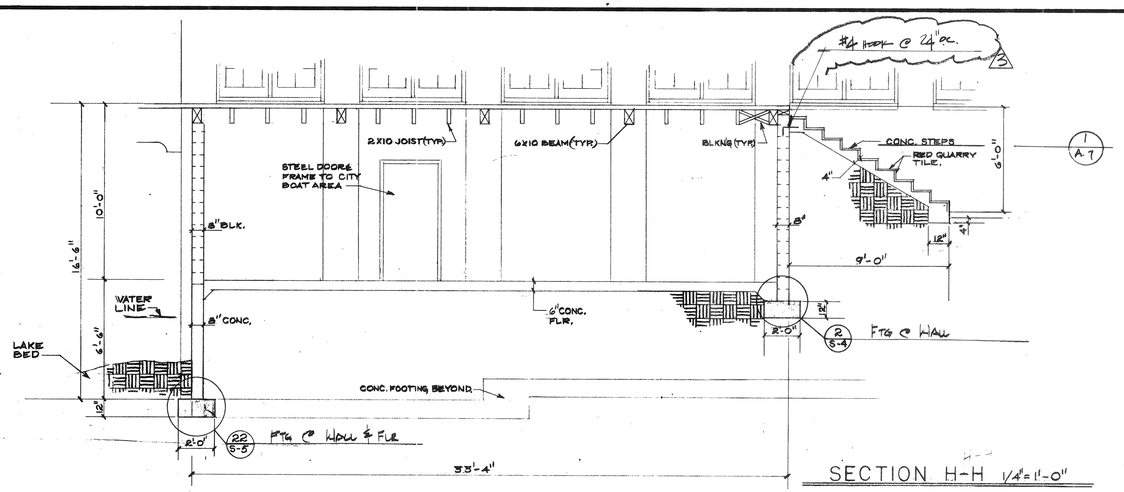
DATE: 10/10/91
JOB NUMBER

A-8
SHEET NO. 11
OF 27

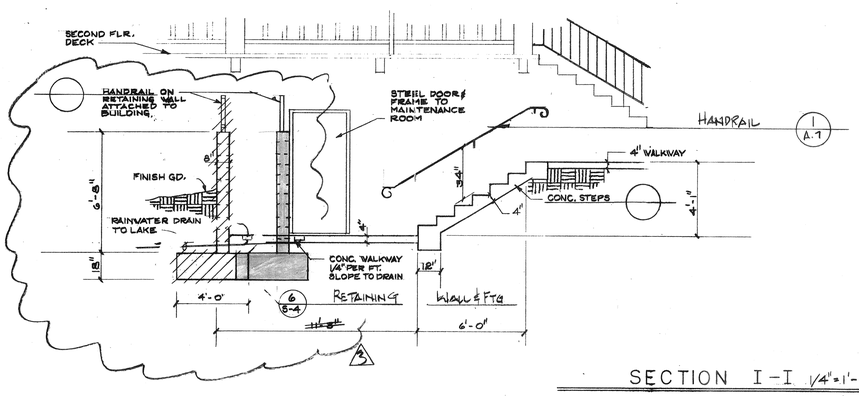
PLAN NO. P-0113



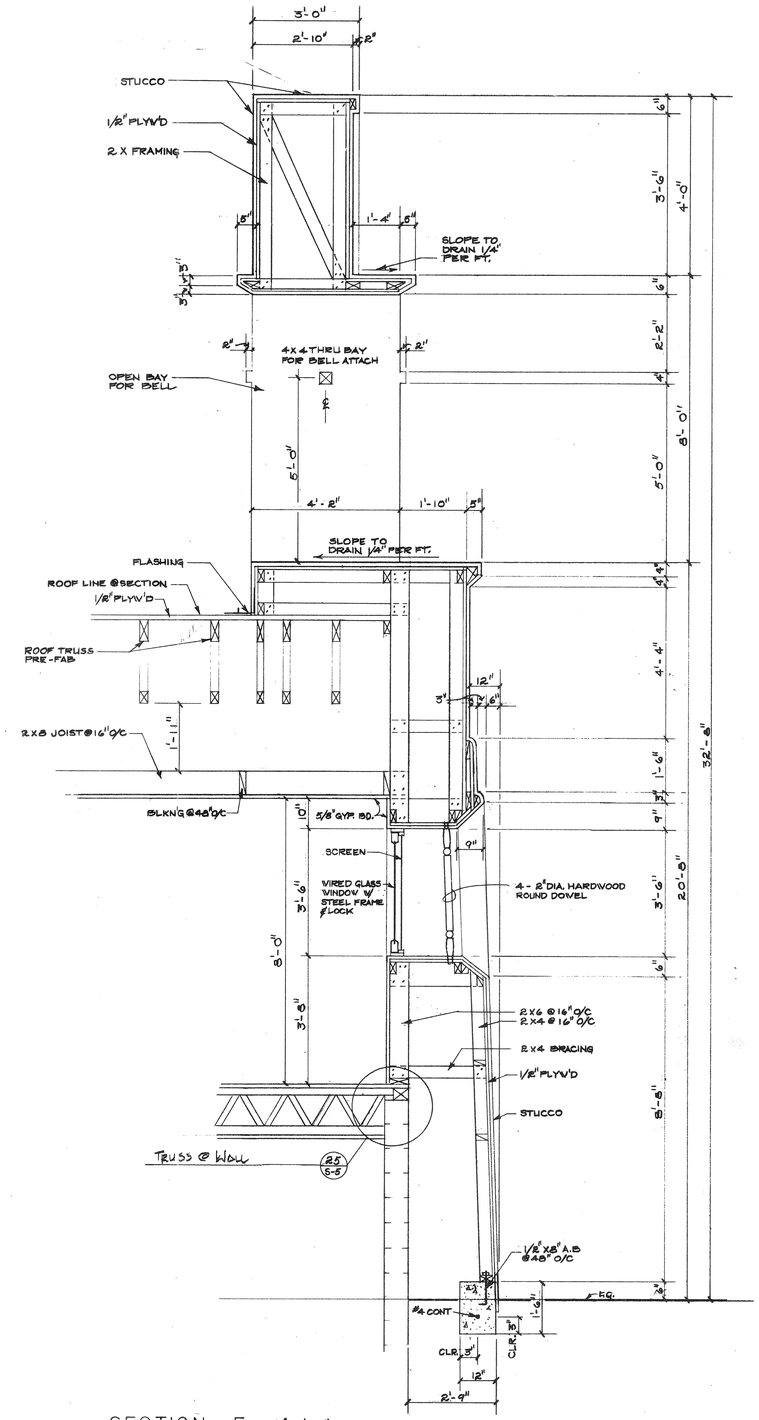
SECTION-G 1/4"=1'-0"



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



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



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

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BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

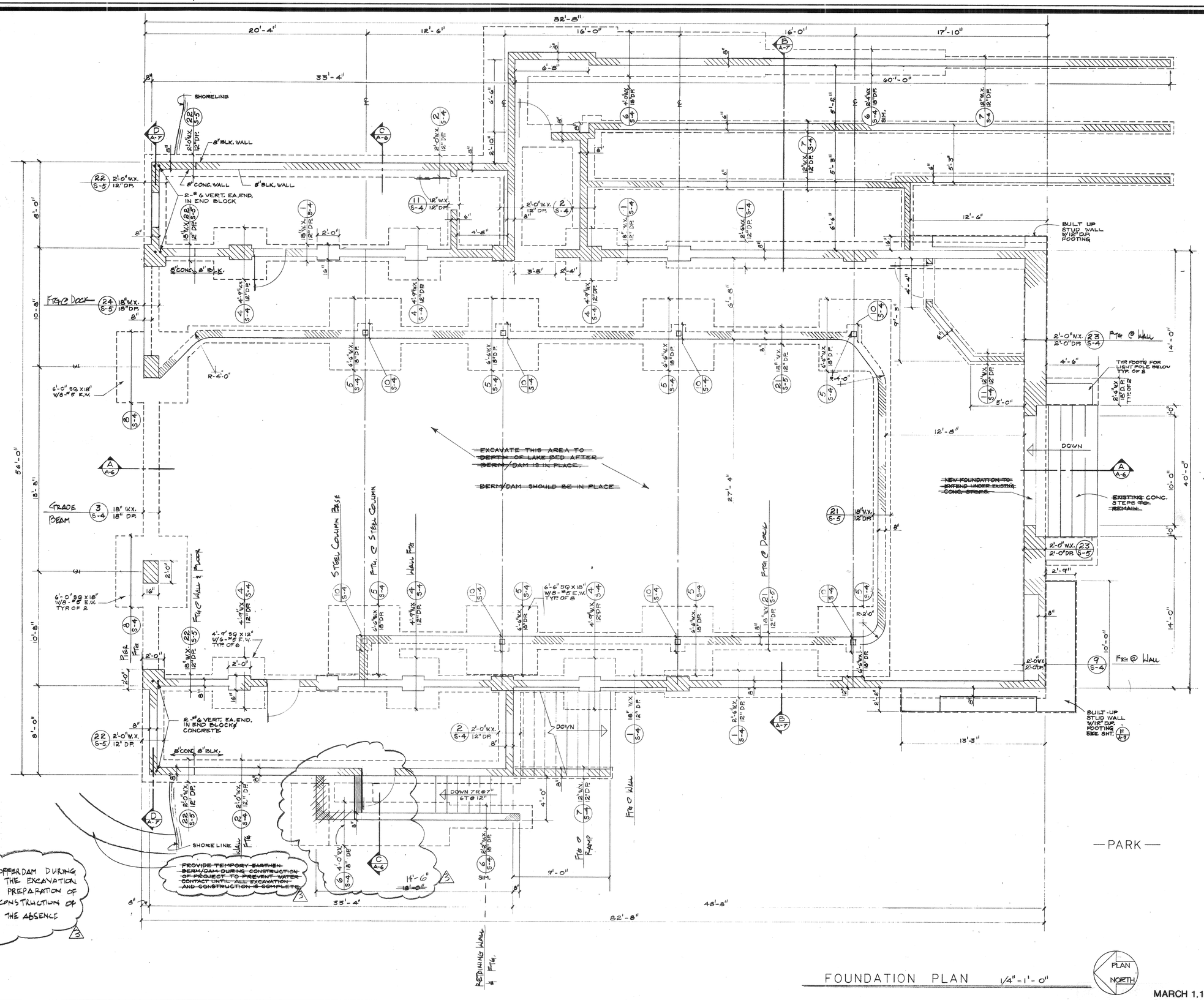
REVISIONS
△ 12.15.93

DRAWN BY
RS

DATE:
JOB NUMBER

A-9
SHEET NO. 12
OF 27

PLAN NO. P-8113



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

MARCH 1,1994

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92501 714/684-4011

BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

FOUNDATION PLAN

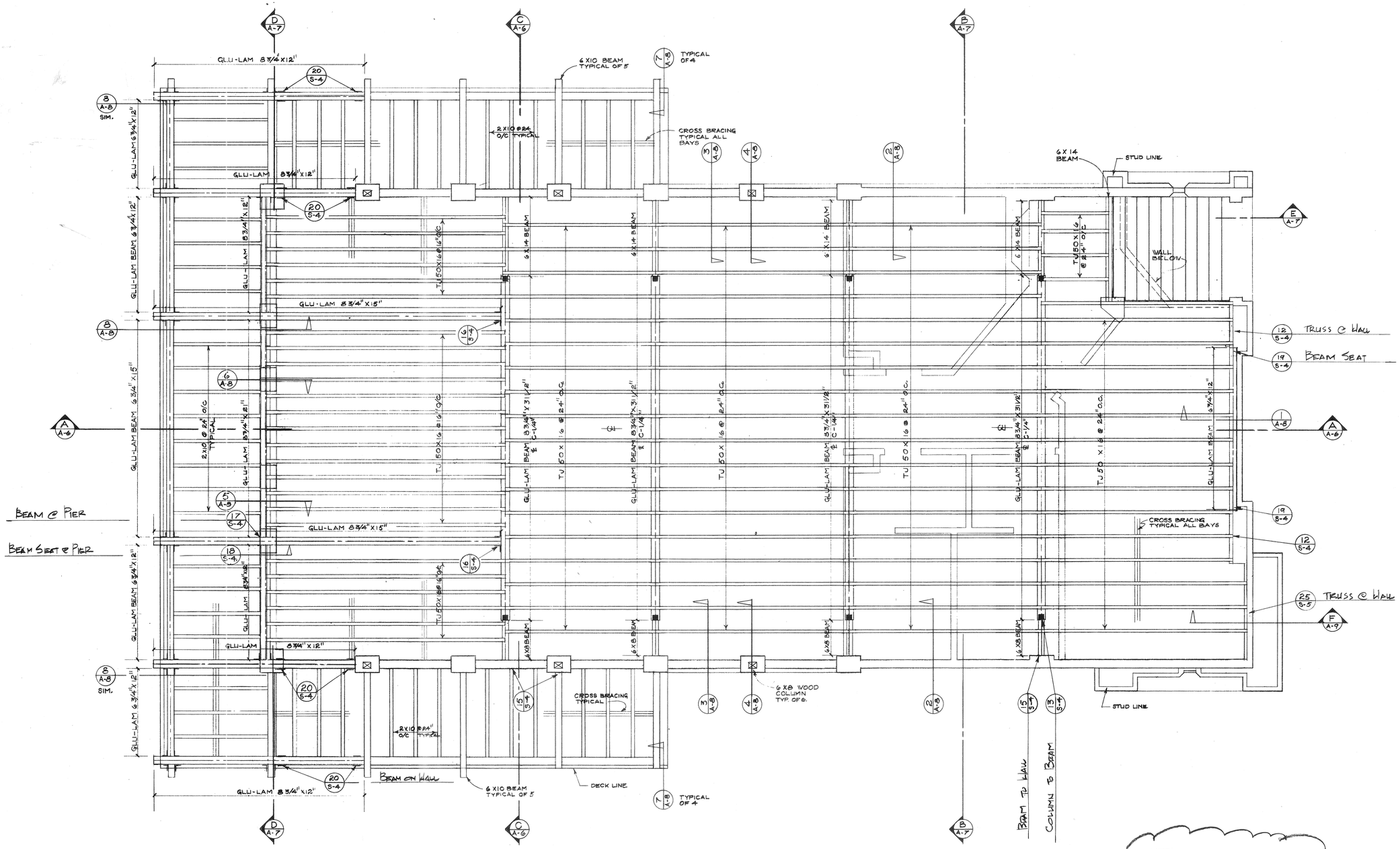
REVISIONS
△3 12.15.93

DRAWN BY
ES

DATE: 10/10/91
JOB NUMBER

S-1
SHEET NO. 13
OF 27

PLAN NO. P-0113



NOTE:
~~BEFORE CONSTRUCTION BEGINS~~ SUBMIT ALL TRUSS CALCULATIONS TO ~~BUILDING DEPARTMENT FOR APPROVAL~~ CITY FOR REVIEW & APPROVAL. CITY APPROVAL REQ'D PRIOR TO COMMENCING CONSTRUCTION. 3

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

PLAN NORTH

MARCH 1,1994

Cole & Frick Architects, A.I.A.

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Riverside, California
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BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

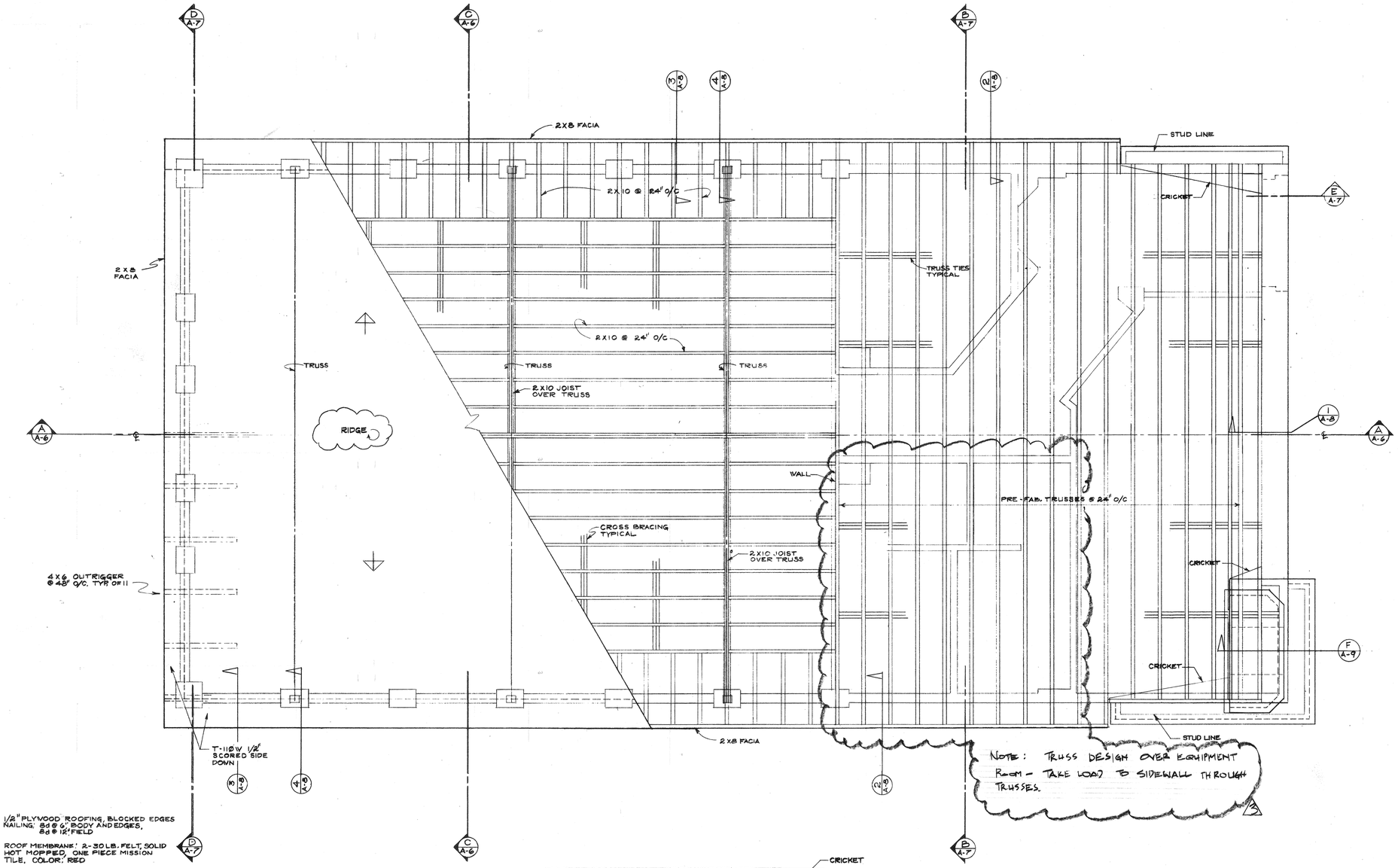
SECOND FLOOR FRAMING PLAN

REVISIONS
3 12.15.93

DRAWN BY
RS

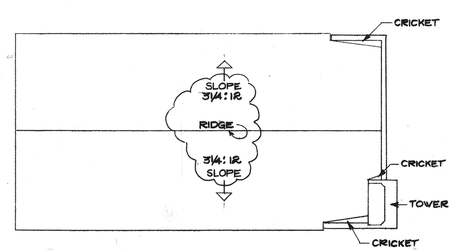
DATE: 10/10/91
JOB NUMBER
S-2
SHEET NO. 14
OF 27

PLAN NO. P-0113



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:
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3

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

PLAN NORTH

MARCH 1, 1994

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BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

ROOF FRAMING PLAN

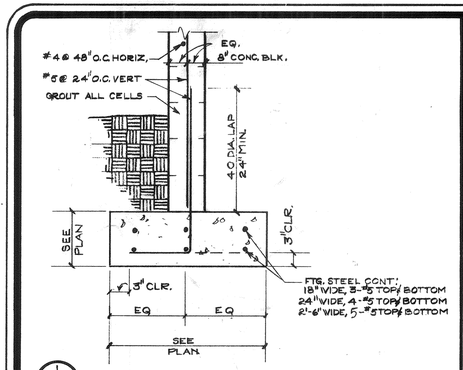
REVISIONS
3 12.15.93

DRAWN BY
ZS

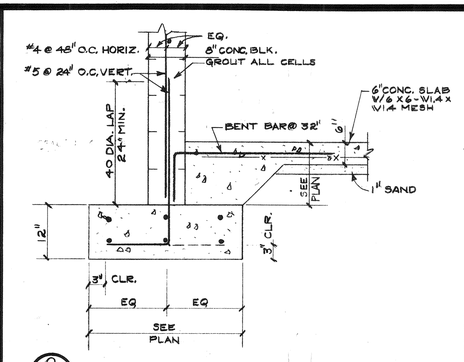
DATE: 10/10/91
JOB NUMBER

S-3
SHEET NO. 15
OF 27

PLAN NO. P-0113



1 FOOTING @ WALL N.T.S.



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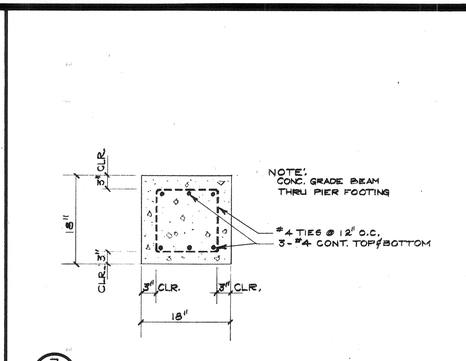
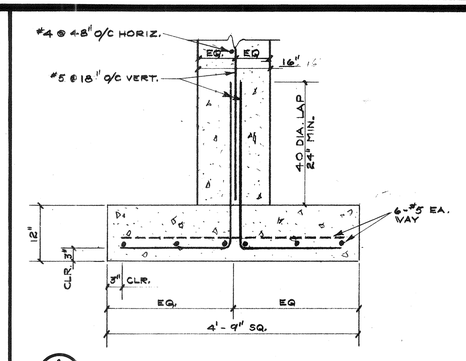
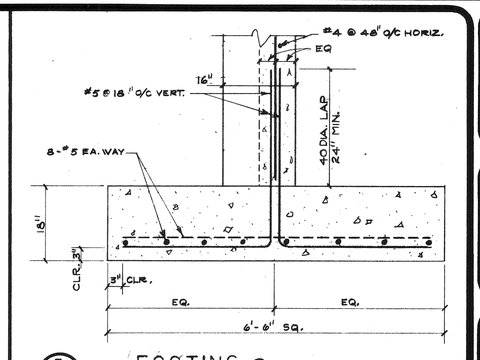


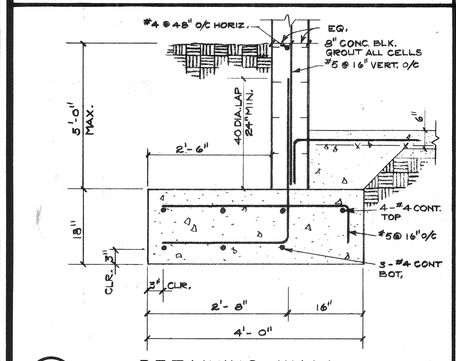
3 GRADE BEAM N.T.S.



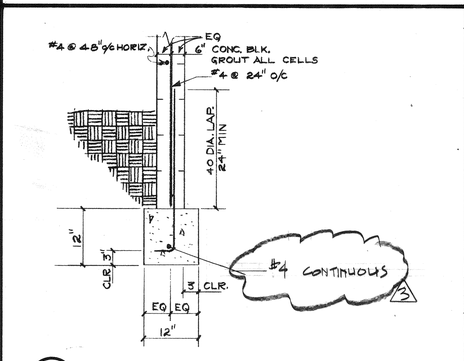
4 FOOTING @ WALL PIERS N.T.S.



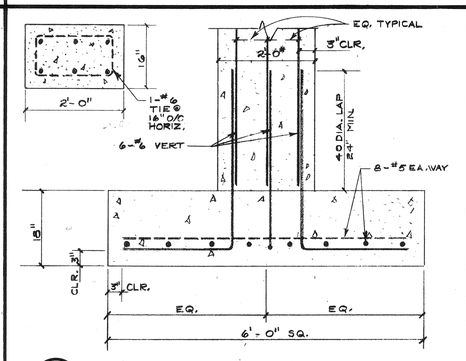
5 FOOTING @ STEEL COLUMN N.T.S.



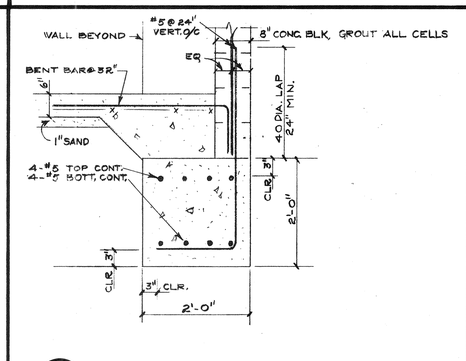
6 RETAINING WALL & FOOTING N.T.S.



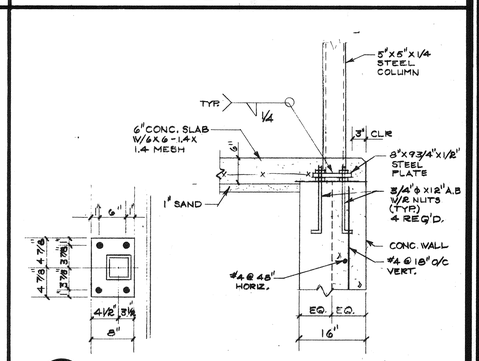
7 FOOTING @ RAMP N.T.S.



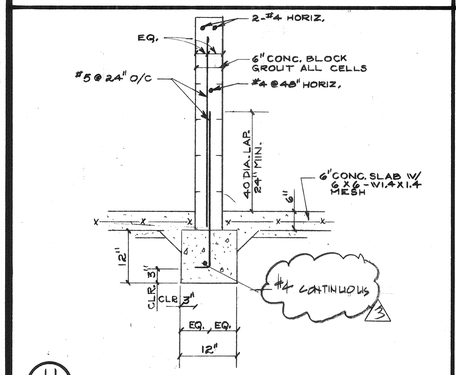
8 PIER FOOTING N.T.S.



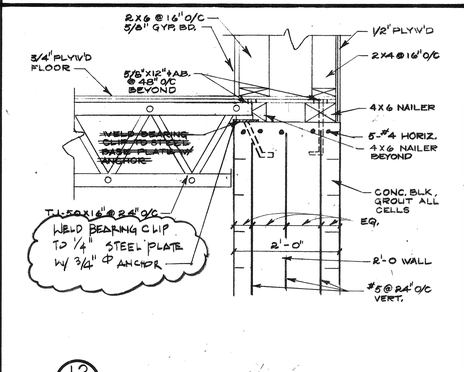
9 FOOTING @ WALL (SOUTH) N.T.S.



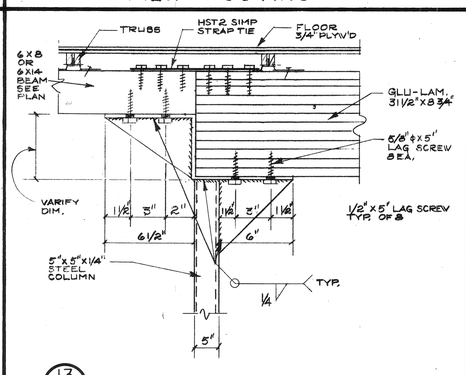
10 STEEL COLUMN BASE N.T.S.



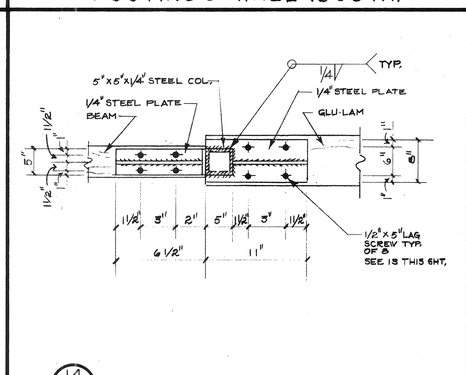
11 FOOTING @ STORAGE N.T.S.



12 TRUSS @ WALL N.T.S.



13 COLUMN TO BEAM N.T.S.



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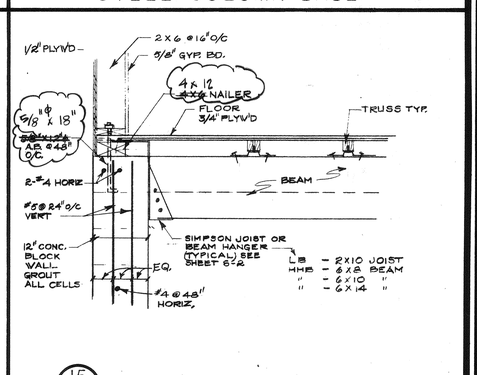

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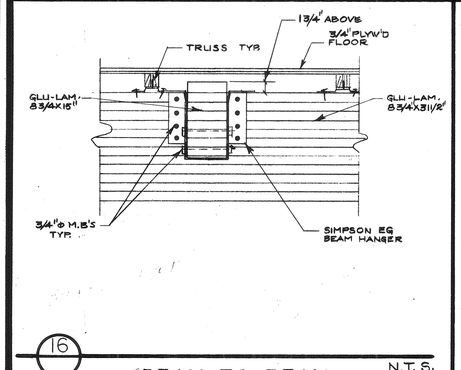
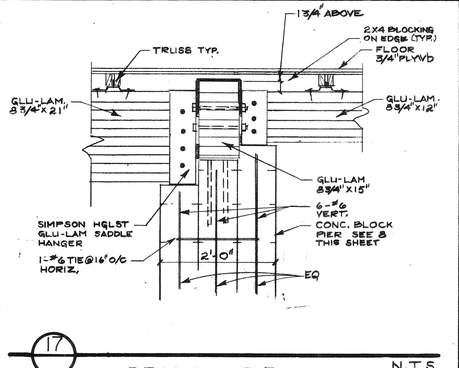
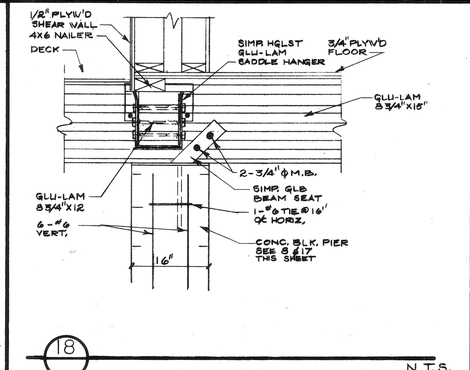


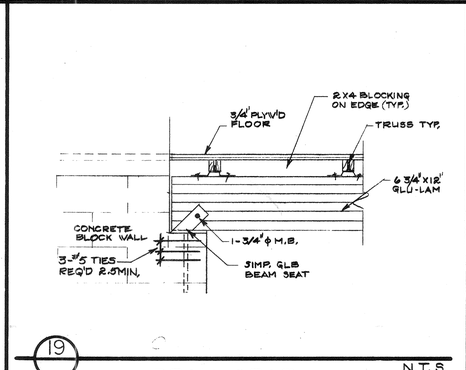
16 BEAM TO BEAM N.T.S.



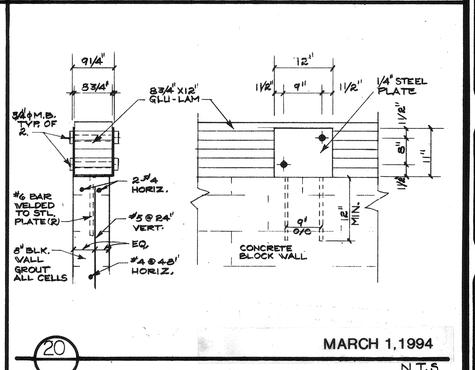
17 BEAMS @ PIER N.T.S.



18 BEAM SEAT @ PIER N.T.S.



19 BEAM SEAT N.T.S.



20 BEAM ON WALL N.T.S.

MARCH 1, 1994

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BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

DETAILS

REVISIONS
12.15.93

DRAWN BY
RS

DATE: 10/10/91
JOB NUMBER
S-4
SHEET NO. 16
OF 27

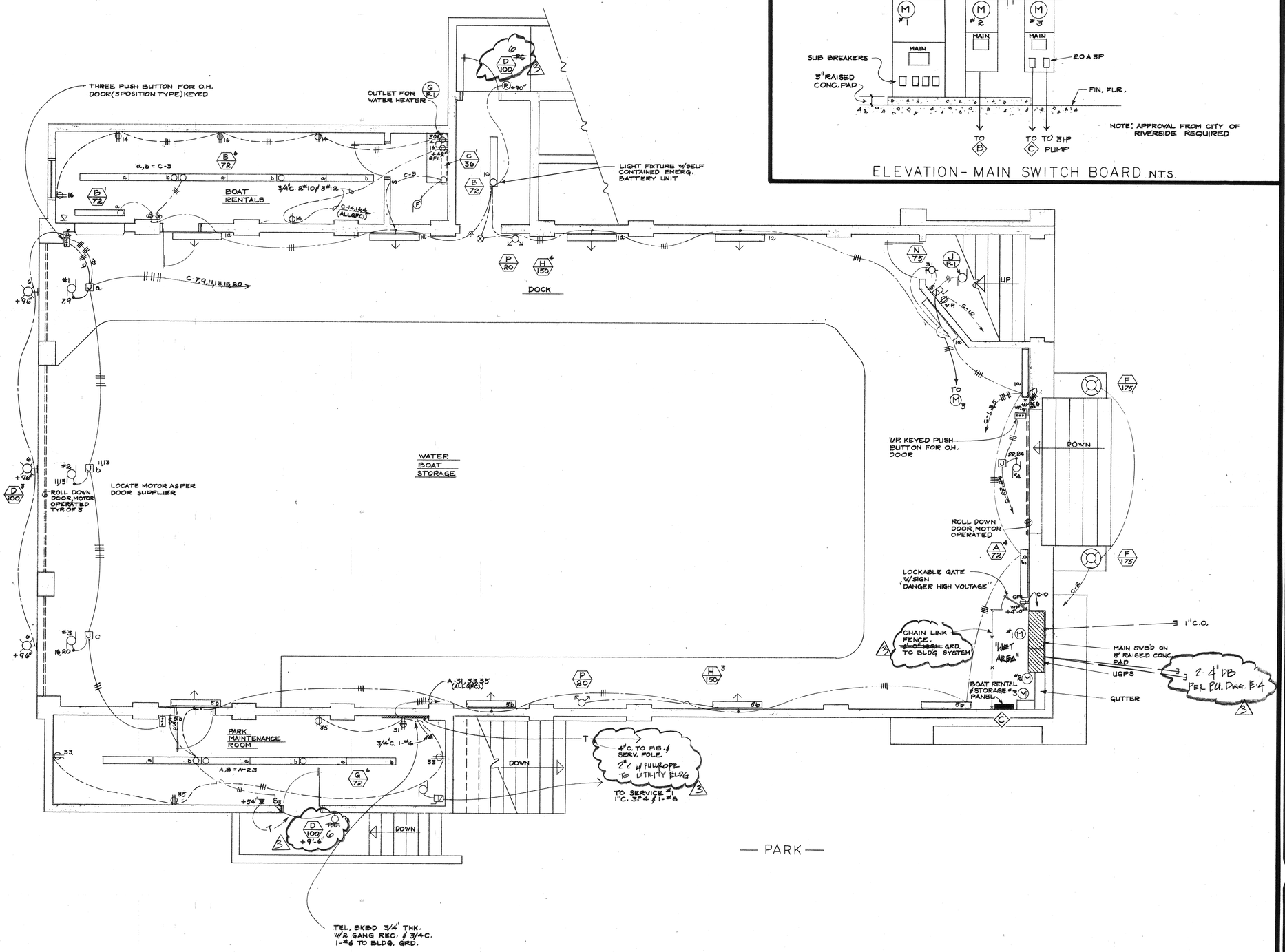
PLAN NO. P-0113

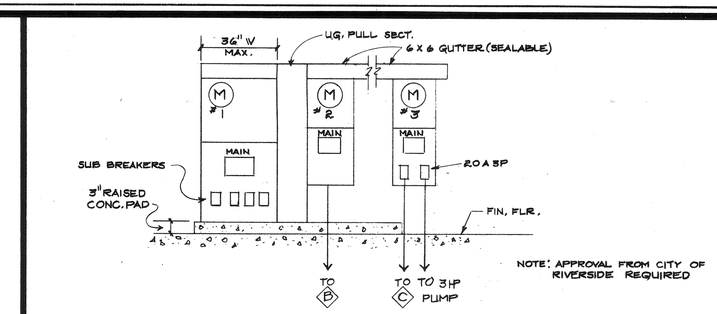
ELECTRICAL SYMBOLS

- 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.
- 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.
- PANEL DESIGNATION.
- MAIN SWITCHBOARD.
- DUPLEX GROUNDING TYPE RECEPTACLE. +1'-0" OR AS NOTED.
- JUNCTION BOX. +1'-0" OR AS NOTED.
- JUNCTION BOX IN ACCESSIBLE CEILING SPACE.
- 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.
- 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.)
- SM 2 ADJACENT TO MOTOR





ELEVATION - MAIN SWITCH BOARD N.T.S.

LOWER LEVEL ELECTRICAL PLAN

1/4" = 1'-0"

PLAN NORTH

MARCH 1, 1994

Cole & Frick Architects, A.I.A.
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BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

LOWER LEVEL ELECTRICAL PLAN

REVISIONS
△3 12-15-93

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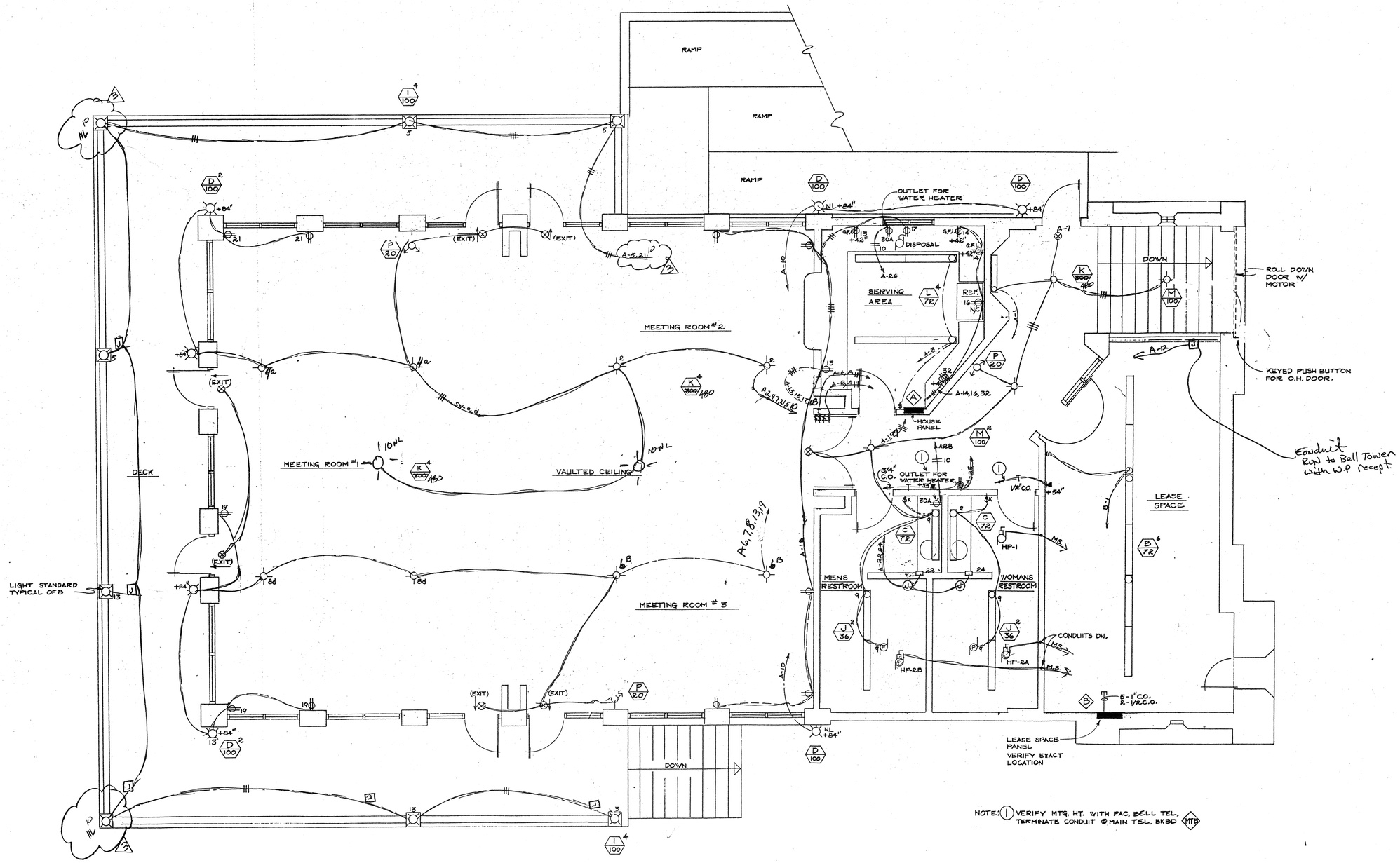
DATE:
JOB NUMBER

E-1
SHEET NO. 18
OF 27

PLAN NO. P-0113



SECOND FLOOR ELECTRICAL PLAN

1/4" = 1'-0"

PLAN NORTH

MARCH 1,1994

PLAN NO. P-01

Cole & Frick Architects

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Riverside, California
92501 714/684-4011

BOATHOUSE for FAIRMOUNT PARK

CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

SECOND FLOOR
ELECTRICAL PLAN

REVISIONS
A 12.15.93

DRAWN BY

DATE:
JOB NUMBER

E-2
SHEET NO. 19
OF 27

LOAD CENTER 4½" DP W/HINGED DOOR

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

PANEL A SCHEDULE

CIR NO	c/r amp	brkr 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				↓ EXIT		60	
8				LTS.		800	
9				LTS.	900		
▲ 10				LTS. NL	300		
11				SPARE		800	
12				LTS.		800	
13				~~REC.~~ LTS.	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	↓			HAND DRYER		1000	
25	20			REC.	800		
26	30			W.H.	1600		
27	20			SPARE		800	
28	30			W.H.		1650	
29	20	↓		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	10640	
				TOTAL	23490		

△ F#1 T.S. #1 PHOTOCELL CONTROL, PHOTOCELL ON, TIMECLOCK OFF @ 11:00 PM W/ HOA SWITCH OVERRIDE
■ GFCI TYPE C/B
▲ F#1 ~~T.S. #2~~ PHOTOCELL CONTROL, PHOTOCELL ON, PHOTOCELL OFF W/ HOA SWITCH OVERRIDE

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 4½" DP W/HINGED DOOR

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

PANEL B SCHEDULE

CIR NO	c/r amp	brkr 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	↓	↓		↓			
11	20	1		SPARE			800
12	↑	↑		SPARE			800
13				↑	800		
14					800		
15							
16							
17	↓	↓		↓			800
18	20	1		SPARE			800
19				SPARE			
20				↑			
21							
22							
23				↓			
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			

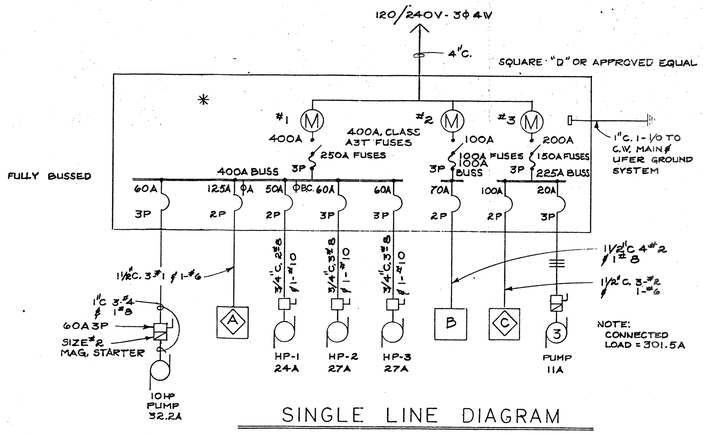
LOAD CENTER 4½" DP W/HINGED DOOR

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

PANEL C SCHEDULE

CIR NO	c/r amp	brkr 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 1½ HP. 10A		1200	
8	20	1		LIGHTING Control		600	
9	—	—		———	1200		
10	20	1		REC.	400		
11	20	2		ROLL UP DOOR 1½ HP. 10A		1200	
12	20	1		SPARE		800	
13	—	—		———	1200		
■ 14	20	1		REC.	600		
15	↑	↑		"		400	
■ 16		↓		"		600	
17		1		REC.	400		
18		2		ROLL UP DOOR	1200		
19		2		" " "		1200	
20	—	—		———		1200	
21	—	—		———	1200		
22	20	2		SPARE	1200		
23	20	1		SPARE		600	
24				SPARE		1200	
25	20	1		SPARE	600		
26	↑	↑		"	600		
27	↓	↓		"		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.~~ PHOTOCELL CONTROL, PHOTOCELL ON, PHOTOCELL OFF W/ HOA SWITCH OVERRIDE
■ 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.
H 300	PENDANT FIXTURE CHAIN HUNG	THOMAS #SL9340-7	1-100W.
N 75	ABOVE DOOR BRACKET LIGHT FIXTURE PORC. KEYLESS INCANDESCENT	BRYANT #5228 UL EQUAL	75 W.
P 20	WALL MT'D EMERGENCY LIGHT FIXTURE PROVIDE MAINTAINED POWER FOR BATTERY CHARGER	SURE LIGHT #SLHC-2	2-6W. TUNGSTEN HALOGEN

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MFR'R & CAT. NO.	LAMPS
A 72	WALL MTD. FLUORESCENT	PRUDENTIAL #R-5402-RS, EQUAL BY LITHONIA	2-34 W.
B 72	SURFACE FLUORESCENT 1'X4'	LITHONIA #WA-240A	2-34 W.
C 72	BRACKET FLUORESCENT	LITHONIA #WC-240A	2-34 W.
D 100	BRACKET EXTERIOR WITH PHOTO CELL CONTROL REMOTE	WESTERN LTG. STANDARD #PX4130-A39216 W	1-100 W. M.V.
E 10	EXIT LIGHT UNBREAKABLE LENS FOR SLAVE UNITS	LITHONIA SIGNATURE SERIES	2-5 W.
F 175	POLE MTD. LIGHT FIXTURE, TO C.OF 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 300 460	PENDANT FIXTURE - THIS CUSTOM FIXTURE IS AVAIL. THROUGH "HENRY'S IRON FURNITURE WORKS" 7101 JURUPA AVE., RIV., CA. 92506 (909) 689-1861	# 5182 / HENRY 48" Φ 12" CANDLES (40 W)	480 W ~~300 W~~

OR CITY APPROVED EQUAL. SUBMIT SHOP DWG'S FOR CITY APPROVAL.

MARCH 1, 1994

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
1 5-24-93
2 12-15-93

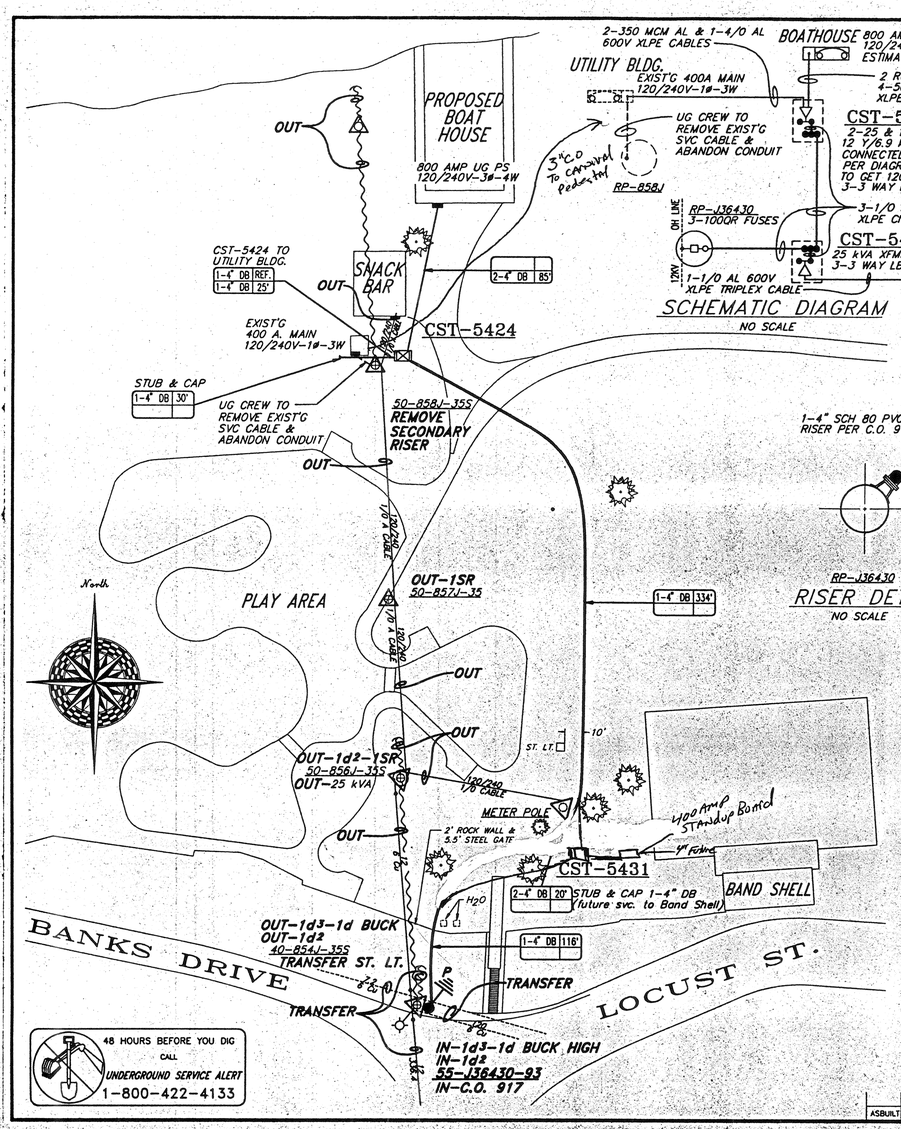
DRAWN BY

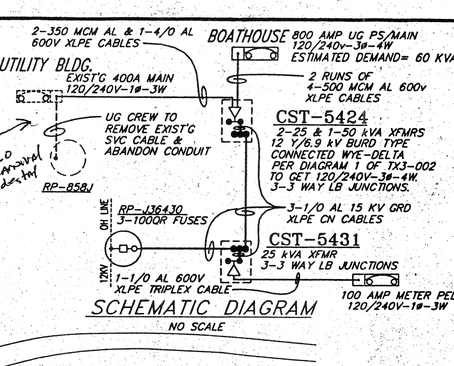
DATE:
JOB NUMBER

E-3
SHEET NO. 20 OF 27

PLAN NO. P-0113

BLUELINE As-Built forwarded to Facilities Maintenance 9-27-95





SCHEMATIC DIAGRAM
NO SCALE

RISER DETAIL
NO SCALE

CUSTOMER PARTICIPATION

1. ALL FACILITIES INSTALLED BY CONTRACTOR SHALL BE INSPECTED AND APPROVED BY THE DEPARTMENT CONSTRUCTION INSPECTOR (PH.782-5429). ANY CHANGES SHALL BE APPROVED BY THE DEPARTMENT PRIOR TO EXECUTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL PHASES OF CONSTRUCTION WITH THE DEPARTMENT CONSTRUCTION SUP'T. (PH.351-6100) AFTER THE INSPECTOR HAS NOTIFIED CONSTRUCTION THAT THE CONTRACTOR'S WORK IS COMPLETE AND READY FOR DEPT. WORK.
2. PROVIDE AND INSTALL ALL SUBSTRUCTURES, CONDUITS (POLE RISER CONDUIT, EXCEPTED), TRENCHING, BACKFILLING, & RESURFACING AS SHOWN IN CONFORMANCE WITH THE FOLLOWING STANDARD DRAWINGS: UGS-100, 100.1, 115.1, & 116.
3. METER ROOM DOOR TO HAVE SCHLAGE LOCK KEYED TO DEPARTMENT MASTER KEY, OR DOUBLE HASP.
4. ALL APPLICABLE SERVICE CHARGES TO BE PAID TO THE DEPARTMENT PRIOR TO INSTALLATION OF DEPARTMENT FACILITIES.

DEPARTMENT PARTICIPATION

1. PROVIDE AND INSTALL ALL POLE RISER CONDUITS, CABLES, TERMINATIONS AND TRANSFORMERS FROM SOURCE TO TERMINATING PULLSECTION OR PULLBOX AS SHOWN IN CONFORMANCE WITH STANDARD CONSTRUCTION METHODS. MATERIALS TO BE SPECIFIED ON JOB MATERIAL LISTS.
2. OBTAIN CIRCUIT NUMBER AND RECLOSER TYPE FROM SUBSTATION OPERATOR.

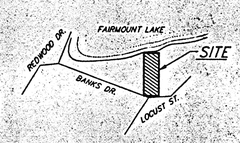
UG LEGEND

PRIMARY CONDUIT
APPROX. LENGTH OF PRIMARY RUN
QTY. SIZE & TYPE OF CONDUIT IN TRENCH
DB - DENOTES DIRECT-BURIED CONDUIT
APPROX. LENGTH OF SECONDARY RUN
SECONDARY CONDUIT
TRENCH LINE

COMMERCIAL SUBSURFACE TRANSFORMER ENCLOSURE (4'X 8'2"X 4'6") W/SOLID RPM COVERS. PER UTILITY VAULT CAT. #SB6-76 OR EQUAL. DUE TO HIGH WATER TABLE, CUSTOMER SHALL BE REQUIRED TO SILICON SEAL THIS CST BY METHOD OF INJECTION THROUGH STRUCTURE WALLS AFTER BACKFILLING, OR BY ALTERNATIVE METHOD APPROVED BY DEPARTMENT, TO PROTECT STRUCTURE FROM EXCESSIVE WATER DAMAGE. INSTALL PER UGS-751.

COMMERCIAL SUBSURFACE TRANSFORMER ENCLOSURE (4'X 7'X 7') PER ITEM #CST-3 OF UGS-750. INSTALL PER UGS-751

REGISTERED PROFESSIONAL ENGINEER JOHN L. SEVEY No. E 12863 Exp. 12-31-96 ELECTRICAL STATE OF CALIFORNIA



SITE MAP
NO SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

CALL ENGINEERING FOR STAKING

UNDERGROUND/OVERHEAD ELECTRICAL DISTRIBUTION TO
2707 LOCUST ST.
FAIRMOUNT PARK BOAT-HOUSE

SCALE 1"=40'	DRAWN VALDEZ/PHILLIPS	CITY OF RIVERSIDE DEPARTMENT OF PUBLIC UTILITIES	
DATE 8-26-93	CHECKED		
TILE NO. AF16	APPROVED 12/7/93	DIV. E	DRAWING NO. U04-4146-2
JPA NO. CR-6862	BOARD DATE 10-15-93		SHEET 1 OF 1
INV. MAP NO. 9-26, 9-27	ACCT. NO. 510-764200-47060		

ASBUILT | APPRVD | REVISIONS | DATE

BOATHOUSE FOR FAIRMOUNT PARK
ELECTRICAL SERVICE PLAN

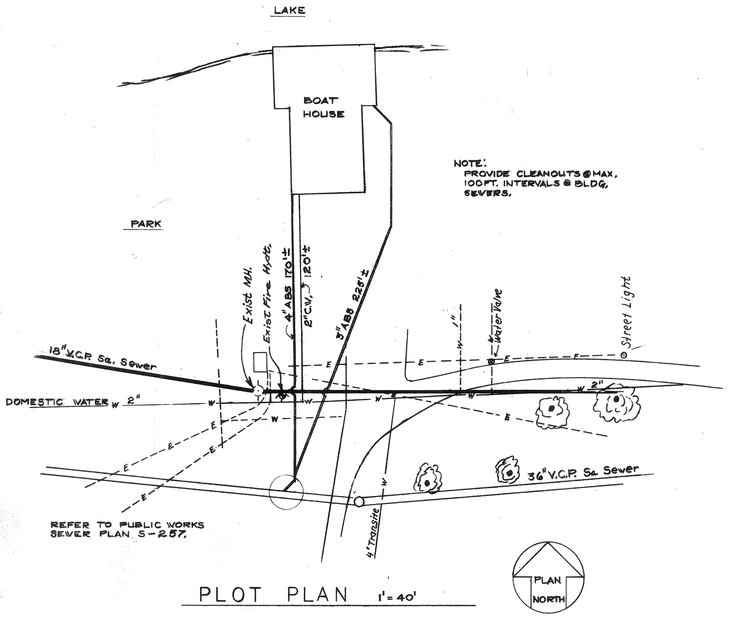
city of riverside
park & recreation
department
8000 MAIN ST. RIVERSIDE, CALIFORNIA 92523
(714) 782-5223

revisions	by
12.15.93	AE

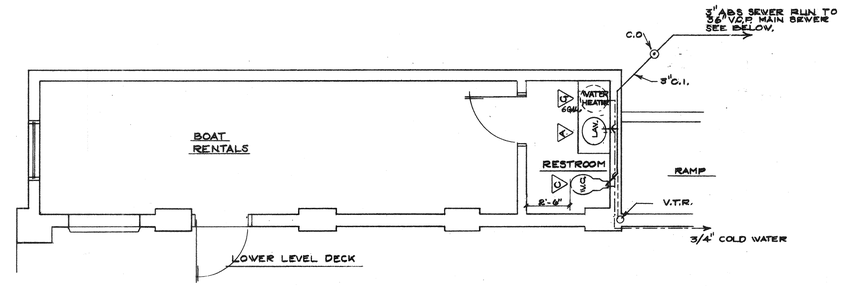
date	
design	
drawn	
check	
acc't.no.	
SHEET	E-4
	21 of 27

MARCH 1, 1994

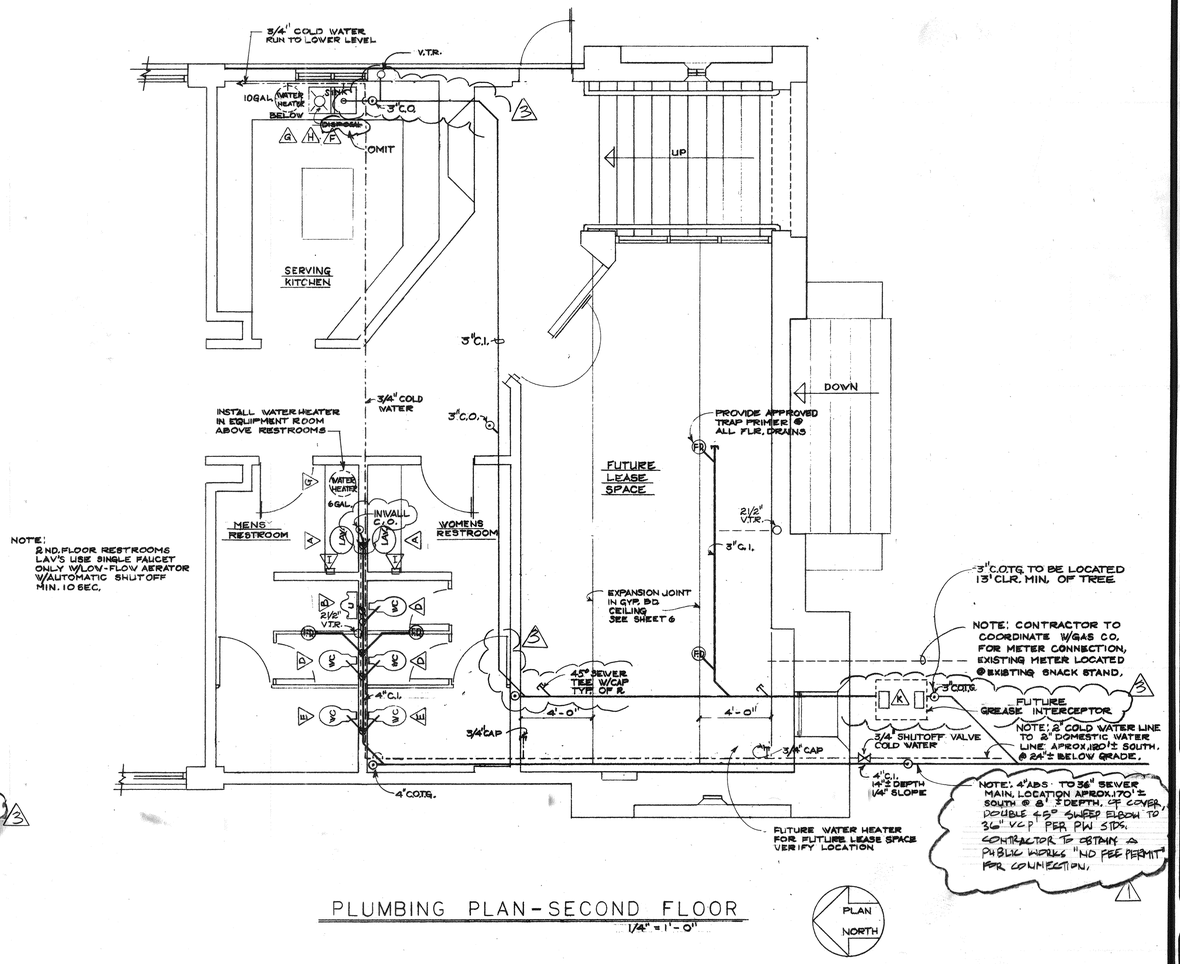
BENELINE AS BUILT PROVIDED TO FACILITIES MANAGEMENT



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 SHUTOFF 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 #2477.024, 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 ISE-333~~ △3
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 GPM 1 1/2 H.P. 230V. W/STRAINER	TEEL 2P091 STRAINER 1P999

MARCH 1, 1994

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

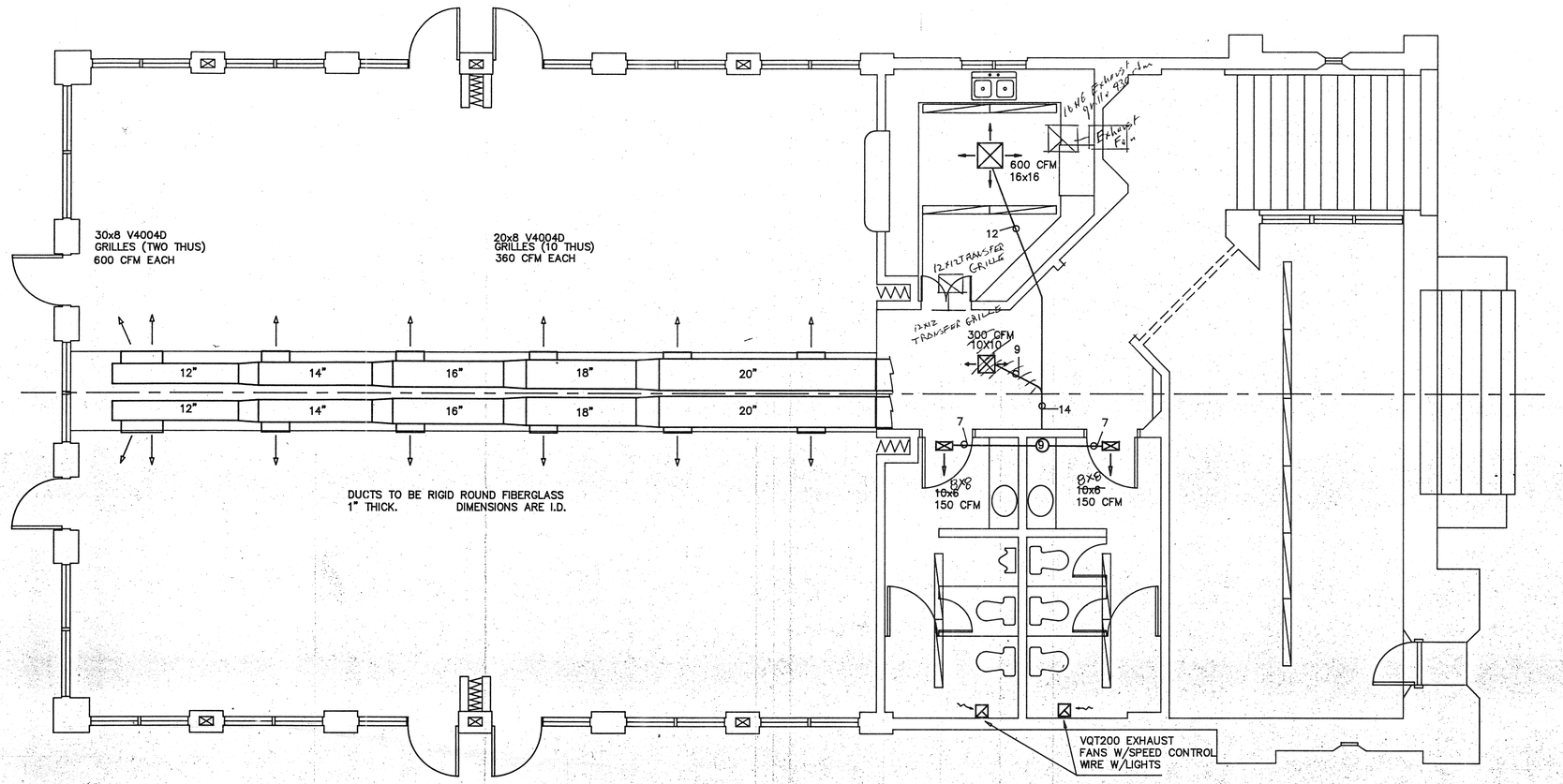
PLUMBING PLAN

REVISIONS
△1 5.24.93
△3 12.15.93

DRAWN BY
RS

DATE: 10/10/91
JOB NUMBER
P-1
SHEET NO. 22
OF 27

PLAN NO. P-6113

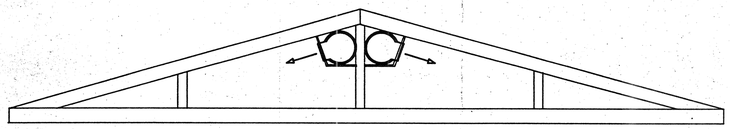


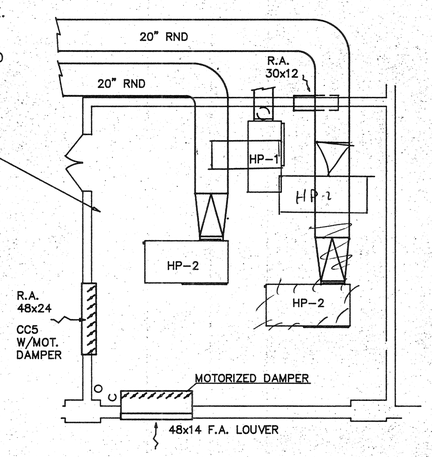
NOTE:

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

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, COMPUTERISED 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 COMPLETION 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 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
1 Average Roof/Ceiling Rt	27.46
2 Average Exterior Floor Rt	20.27
3 Average Opaque Wall Rt	9.55
4 Glazing Area in Wall	705
5 Average SC (Wall)	0.31
6 Glazing Area in Roof	0
7 Average SC (Roof)	0.00

Other Requirements:

Improvements
Plans Dated _____ Specs Dated _____
Signature _____ Date _____
Name
Company
Address
City/State/Zip
Telephone _____ License _____
Enforcement Agency _____

LIGHTING	Modeled
8 Basis of Allowed LPD	Performance
9 Pack A or WS-5C LPD	1.500
10 Package Lighting Red.	<-0.250>
11 Allowed Adjusted LPD(CF-5)	1.750
12 Lighting Control Credits?	No

Other Requirements:

Improvements
Plans Dated _____ Specs Dated _____
Signature _____ Date _____
Name
Company
Address
City/State/Zip
Telephone _____ License _____
Enforcement Agency _____

MECHANICAL	Modeled
13 Fan Wattage Index	0.927
14 Rated Cooling Efficiency	11.66
15 Rated Cooling Capacity	189400
16 Rated Heating Efficiency	4.15
17 Rated Heating Output	225100
18 Economizer Cooling?	No
19 Simultaneous Heat/Cool?	No

Other Requirements:

Improvements
Plans Dated _____ Specs Dated _____
Signature Theo E. Naylor Date 1-20-92
Name Theo E. Naylor
Company ENERGY Calc SERVICES INC.
Address 16551 Mockingbird Canyon Drive
City/State/Zip Riverside, CA 92504
Telephone (714) 780-7265 License 23045
Enforcement Agency _____

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: Theo E. Naylor Date: 1-20-92

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

Job #: RK114

		REFERENCE	
GENERAL			
1	Unconditioned or Multi-tenant Shell?		No
2	CEC Occupancy Type		Office
3	UBC Occupancy Group/Division		A-2
4	Climate Zone	WS-1A	10
5	Conditioned Floor Area	WS-1A	2439 sqft
6	Unconditioned Floor Area	WS-1A	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
20	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 (SSB/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
4195 Chestnut Street
Riverside, California 92501
(714) 684-4011
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:

MARCH 1,1994

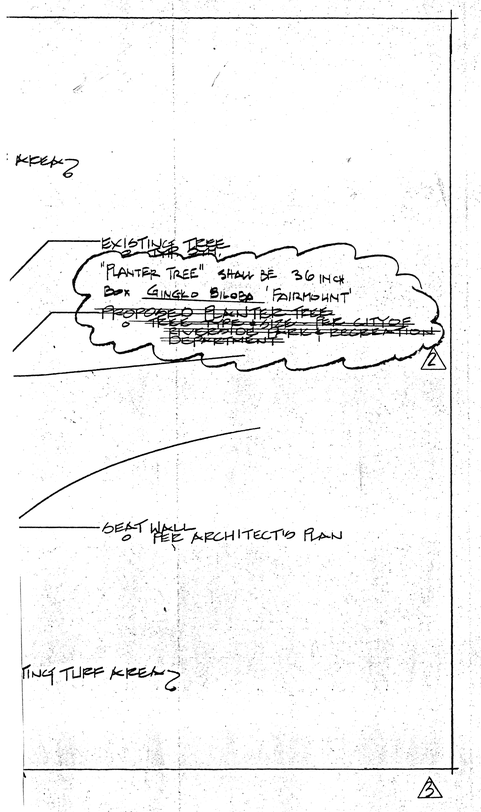
REVISIONS	BY
2.12.93	

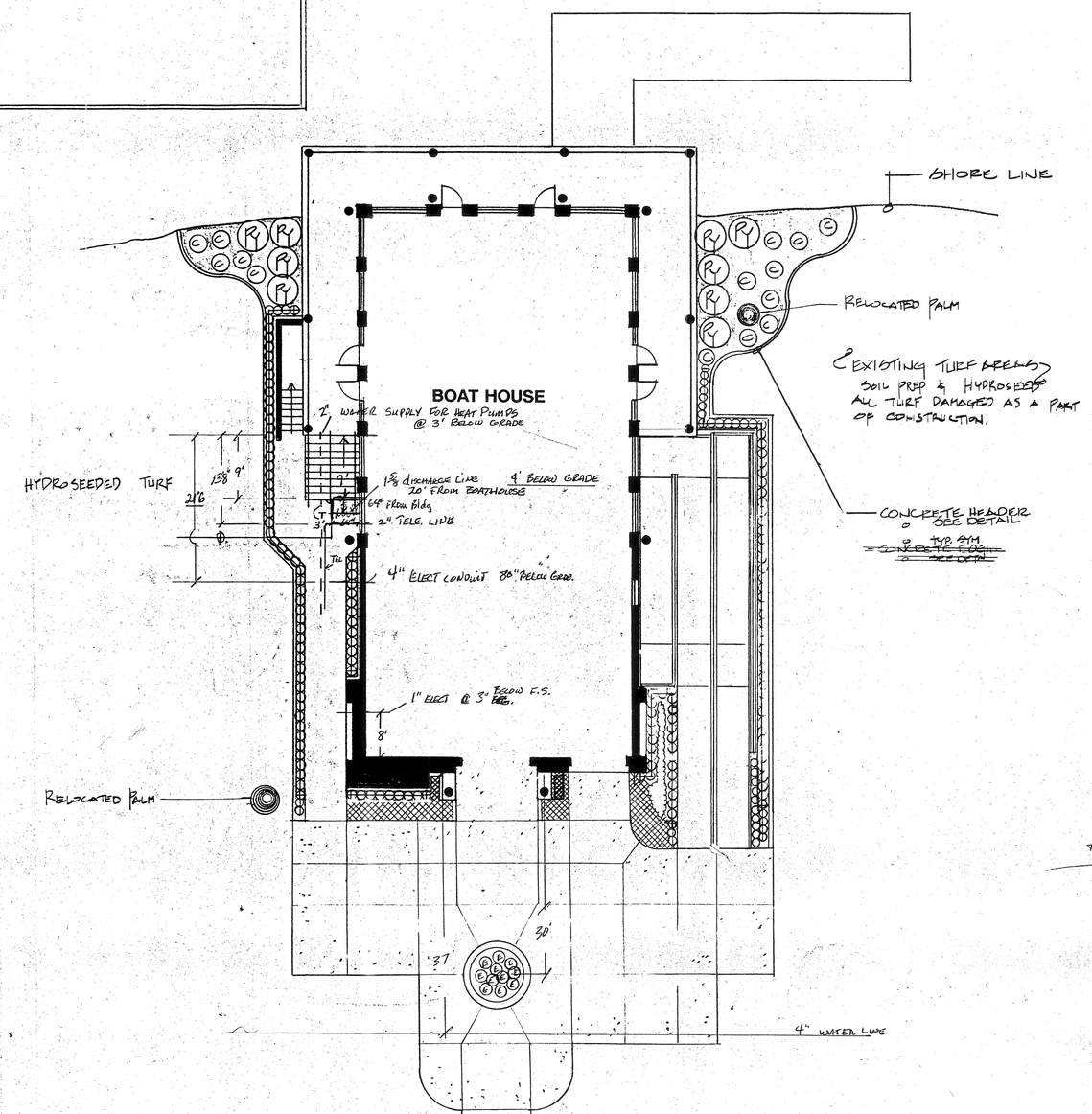
BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

MECHANICAL PLAN

DATE 1-8-92
SCALE 1/4"=1'-0"
DRAWN BY TE
JOB NO. RK114
SHEET 23 M-1 OF 27 SHEETS

200	1GAL	BUXUS M.J. 'GREEN BEAUTY' / BOXWOOD (HEDGE @ 24" HEIGHT)
14	5GAL	CARISSA M. 'GREEN CARPET' / NATAL PLUM
3' OC.	5GAL	EURYOPS PECTINATUS / NCN
9	5GAL	PYRACANTHA F. SANTA CRUZ / FIRETHORN
50	FLATS	ANNUAL COLOR / PER CITY OF RIVERSIDE PARKS & REC. DEPARTMENT
21'6"	TO	GAZANIA FL. 'RED & ORANGE' / CLUMPING GAZANIA (MIX COLOR)
		RAKED SOIL / REMOVE DEBRIS & WEED FROM PLANTER AREAS





AS BUILTS

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

LICENSED LANDSCAPE ARCHITECT
A. James Montgomery 1982
Signature
Date
STATE OF CALIFORNIA

BLUELINE AS BUILT FORWARDED TO FACILITIES MAINTENANCE 9-27-93
MARCH 1,1994

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Revisions:
1 5-24-93
2 12-15-93

Contractors, please cast specifications in this drawing shall remain the property of and produced 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. by: JRM
date: 10-91
scale: 1"=10'
page: 25
L-1
OF 27
PN - 9141

DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE CALIFORNIA
REORDER BY NUMBER 07548

DRAWING NUMBER
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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

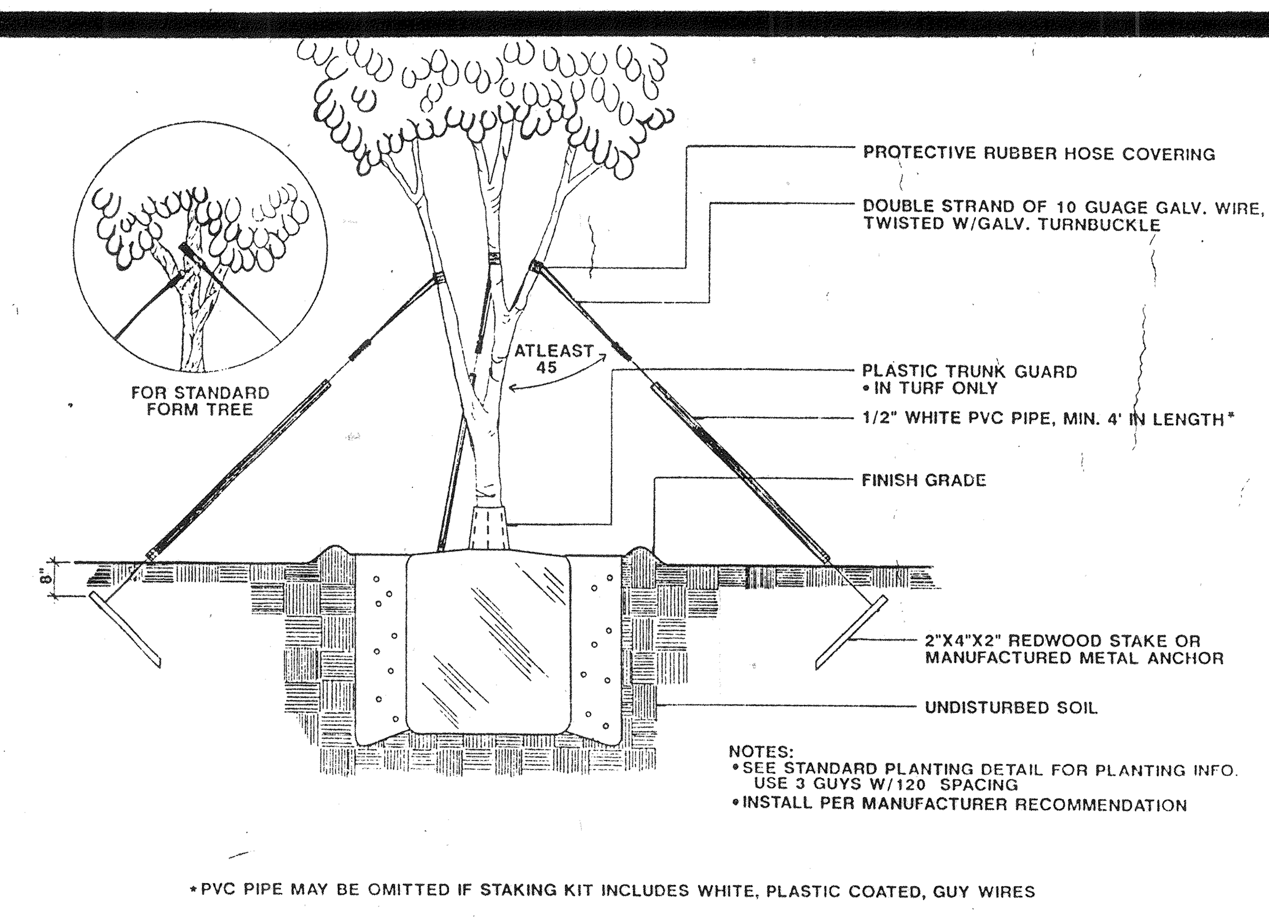
1. Excavating and Trenching:
   a. All areas shall be rough graded prior to any irrigation trenching.
   b. Perform all excavations as required for the installation of the work included under this section including shoring of earth banks to prevent cave-ins. Restore all surfaces, existing underground 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.

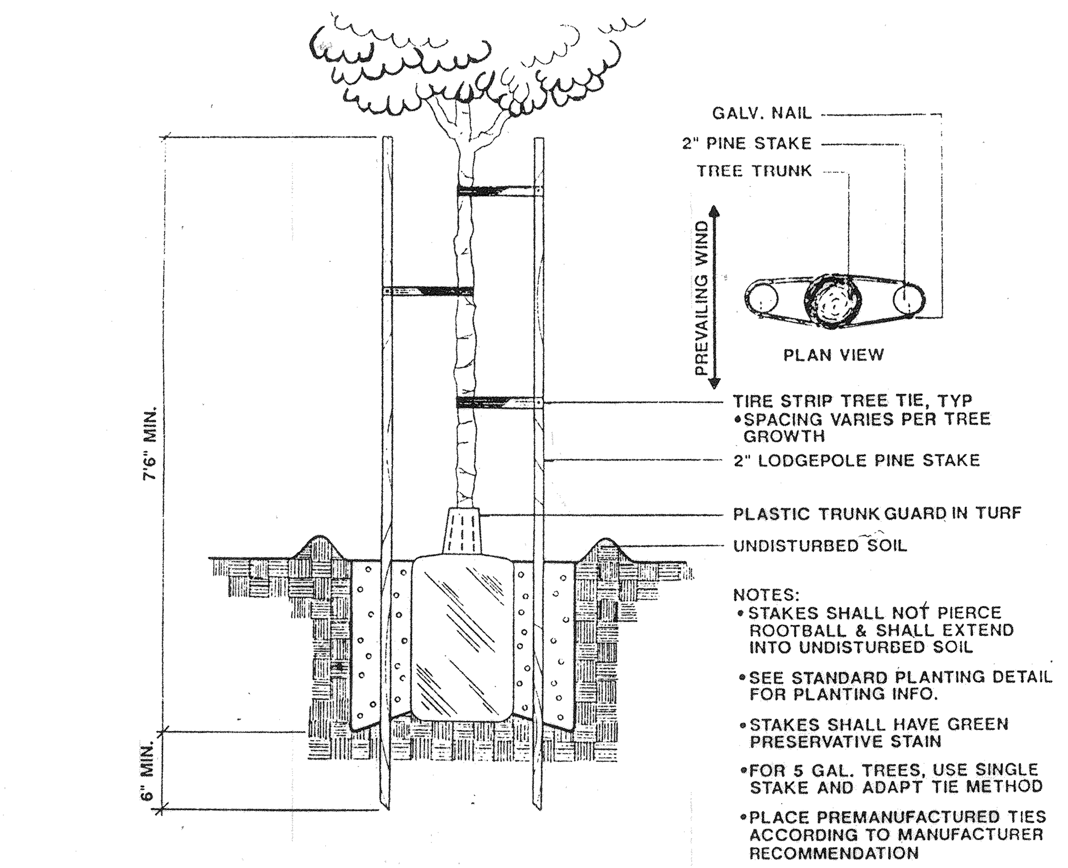
G. LOW GALLONAGE IRRIGATION:

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.

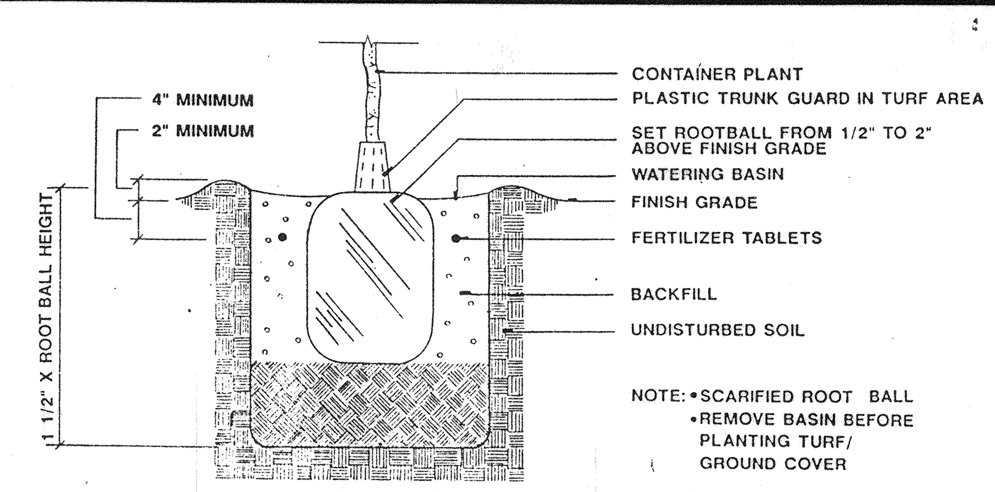
H. PUMPING STATION/BOOSTER PUMP: control station and pump as per plan. Control pump specifications file shall be in owner's possession. See details.



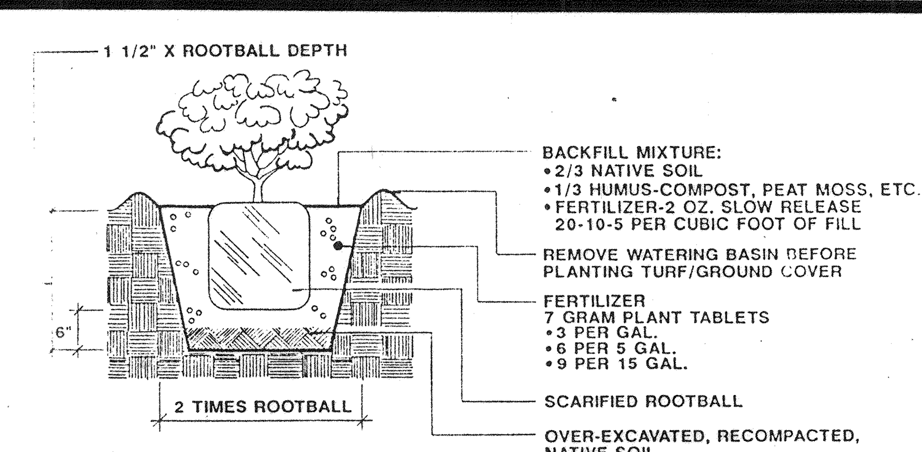
Boxed Tree



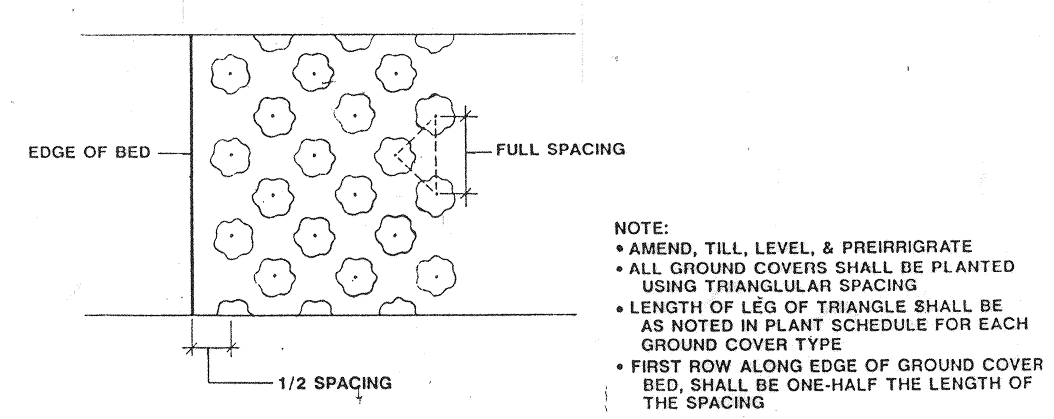
15 Gallon Tree



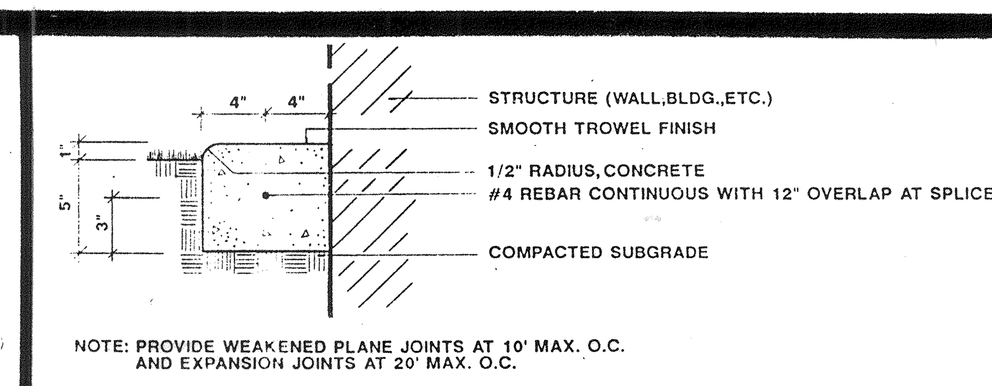
Standard Planting



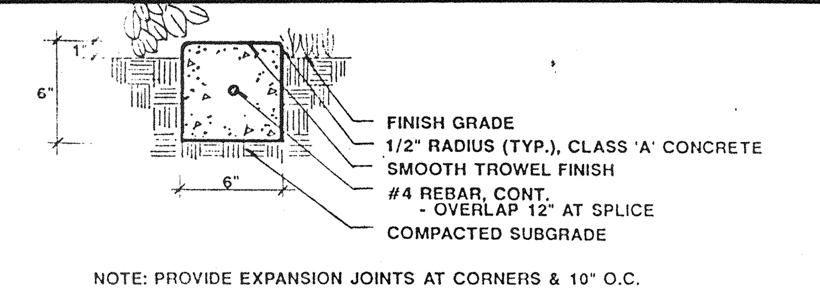
Shrub



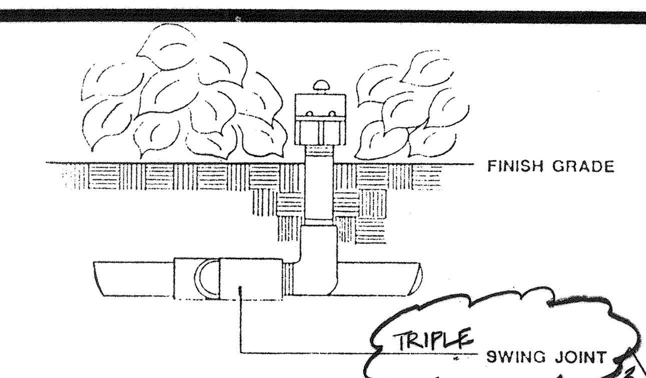
Groundcover



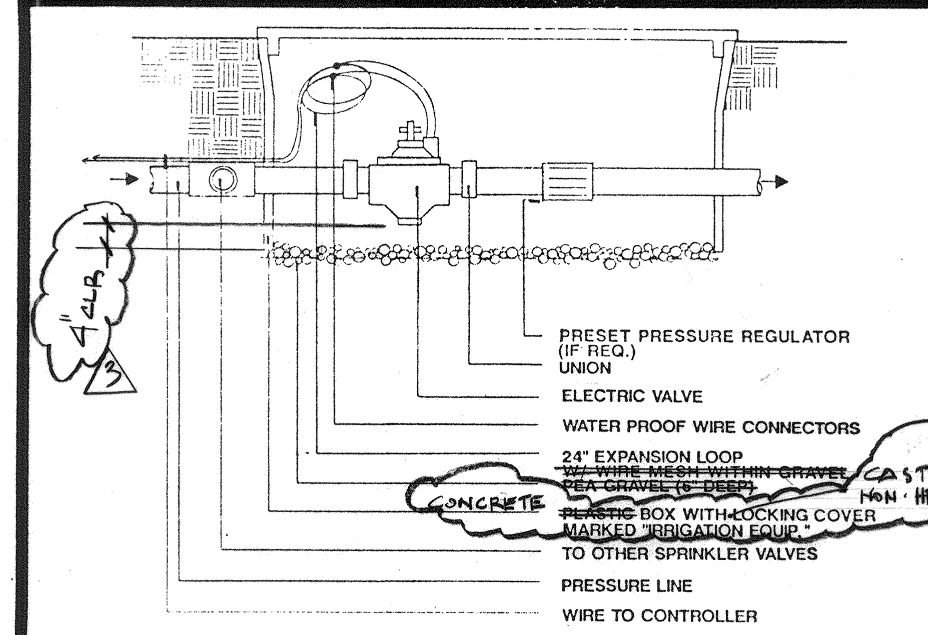
Concrete Edging



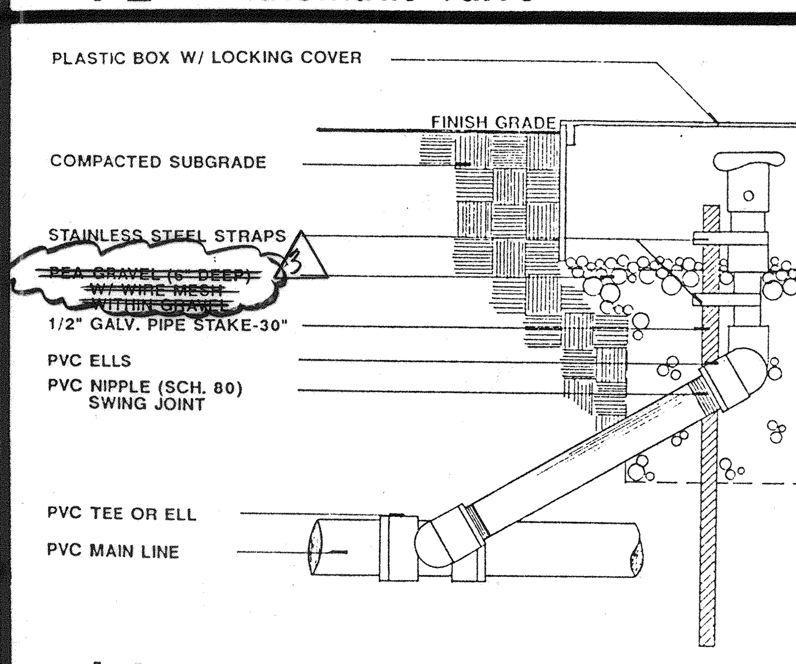
Concrete Header



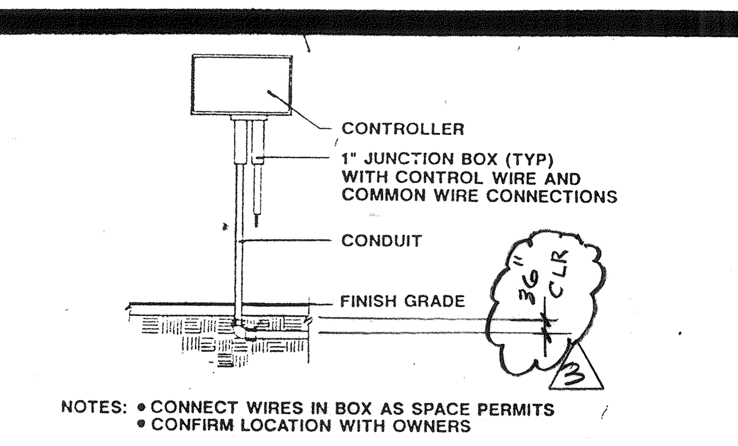
I-1 Flood Bubbler



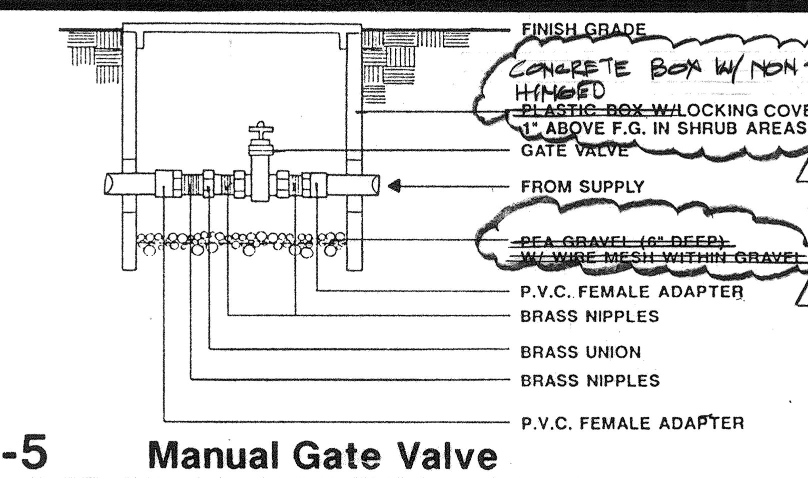
I-2 Automatic Valve



I-3 Quick Coupler



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 8-8-4 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.

IMPORTANT NOTICE ... Two working days before you dig

MARCH 1,1994

NORTH

REGISTERED LANDSCAPE ARCHITECT A. James Montgomery 1003 Signature Date STATE OF CALIFORNIA

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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

drn. by:
date:
scale: N
page: 2 of 27

PN - 914

PLAN NO. P-

Irrigation Schedule

SYM	MANUFACTURER	MODEL	DESCRIPTION	NOZ	GPM	RAD	PSI	PAT	DET
	TORO ~~OR EQUAL~~	500 SERIES	FLOOD BUBBLER	514-20	2.0	FLOOD	20	FLOOD	1
			3" POP-UP BUBBLER						
	TORO	XP 300 SERIES	TURF POP-STREAM ROTOR	07	1.49/2.25	36'	35	1/4, 1/2	
	TORO	640 SERIES	TURF POP	42	12	52'	40	1/4, 1/2, F	

3

SYM	DESCRIPTION	MANUFACTURER	MODEL	DET
POC	POINT OF CONNECTION TO EXISTING IRRIGATION MAINLINE		—	—
	AUTOMATIC VALVE	RAINBIRD ~~HARDIE~~ 3 OR EQUAL	700 - 1" & 1½"	2
		STATION # SIZE TYP		
	MANUAL GATE VALVE	NIBCO	T113, 1½"	5
	QUICK COUPLER	RAIN BIRD	44LRC 3/4"	3
	ELECTRIC CONTROL VALVE W/ MANUAL SHUTOFF DEVICE (SEE DETAIL)	~~HARDIE~~ 3 RAINBIRD	12 STATION RAINBIRD CHECK	4

Piping Schedule

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

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.

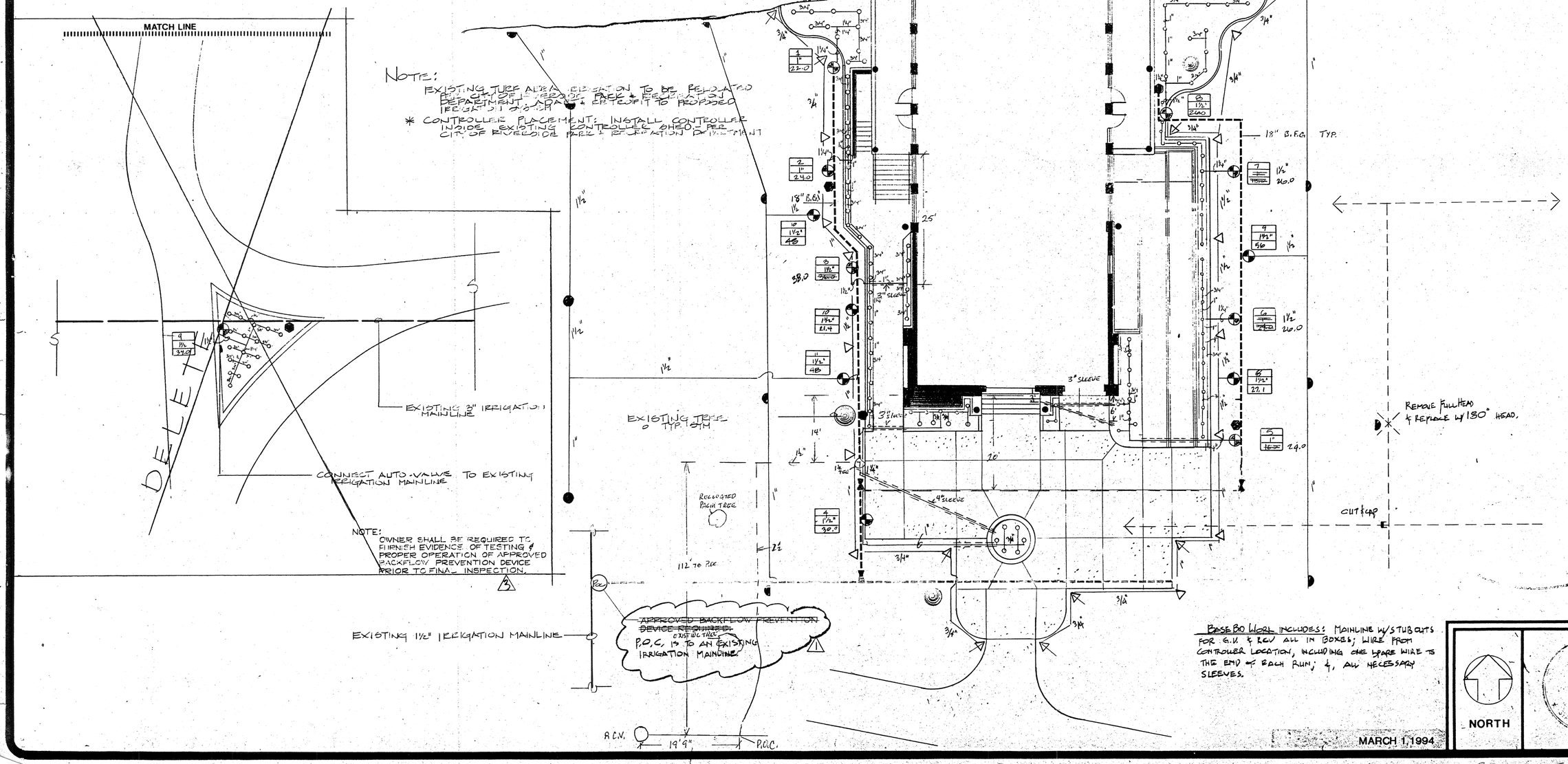
ANY DEVIATION FROM THE DESIGNED IRRIGATION SYSTEM OR ANY MATERIALS SUBSTITUTION WILL VOID SYSTEM INTEGRITY OF LANDSCAPE ARCHITECT'S DESIGN.

ANY MATERIALS SUBSTITUTION SHALL BE OF EQUAL QUALITY & TYPE. & SUBJECT TO CITY REVIEW & APPROVAL. 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.



BLUELINE AS BUILT FORWARDED TO FACILITIES MAIN TOMARRO 9/27/95

PLAN NO. P-0113

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Revisions:
1. 5-27-93
2. 12-15-93

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BOATHOUSE for FAIRMOUNT PARK
CITY OF RIVERSIDE
PARKS & RECREATION DEPARTMENT

Irrigation Plan

drn. by: JRM
date: 10-93
scale: 1"=10'
page 27
I-1
of 27
PN-9141