

PROTOTYPE COMMUNITY RECREATION CENTER CITY OF RIVERSIDE PARK & RECREATION DEPARTMENT

SHEET INDEX

ARCHITECTURAL		IRRIGATION		LANDSCAPING <small>NOT A PART</small>		STRUCTURAL		MECHANICAL		PLUMBING		ELECTRICAL	
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15	INT. ELEVATIONS												

DIVISIONS 1 THRU 9 OF THE CALIFORNIA ENERGY CONSERVATION STANDARDS FOR NON RESIDENTIAL BUILDINGS HAVE BEEN REVIEWED AND THE BUILDING DESIGN DESCRIBED ON THESE SHEETS IS IN SUBSTANTIAL CONFORMANCE.

[Signature] 6-24-77 NOV. 5/1978

ARCHITECT: E. WARREN BRUCE A.I.A. 6370 MAGNOLIA AVE. RIVERSIDE

STRUCTURAL ENGINEERS

JOHNSON & NIELSEN ASSOCIATES
4310 ORANGE STREET
RIVERSIDE, CALIFORNIA 92501

MECHANICAL ENGINEERS

STUEVEN ASSOCIATES
10951 SORRENTO VALLEY RD. SUITE H
SAN DIEGO, CALIFORNIA 92121

ELECTRICAL ENGINEERS

RANDALL/LAMB/ASSOCIATES
11696 SORRENTO VALLEY RD. SUITE I
SAN DIEGO, CALIFORNIA 92121

E. WARREN BRUCE
ARCHITECT
6370 MAGNOLIA AVE.
RIVERSIDE, CALIF.
TELE. (714) 781-9764
A.I.A.

TITLE INDEX
SHEET INDEX

PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE	NOV. 30, 1977
DRAWN	MJM
CHECKED	EWB
REVISED	APRIL 24, 1978
JOB	7620
OF 13 SHEETS	1

APPROVED BY:

 PARK & RECREATION DIRECTOR,
 CITY OF RIVERSIDE.

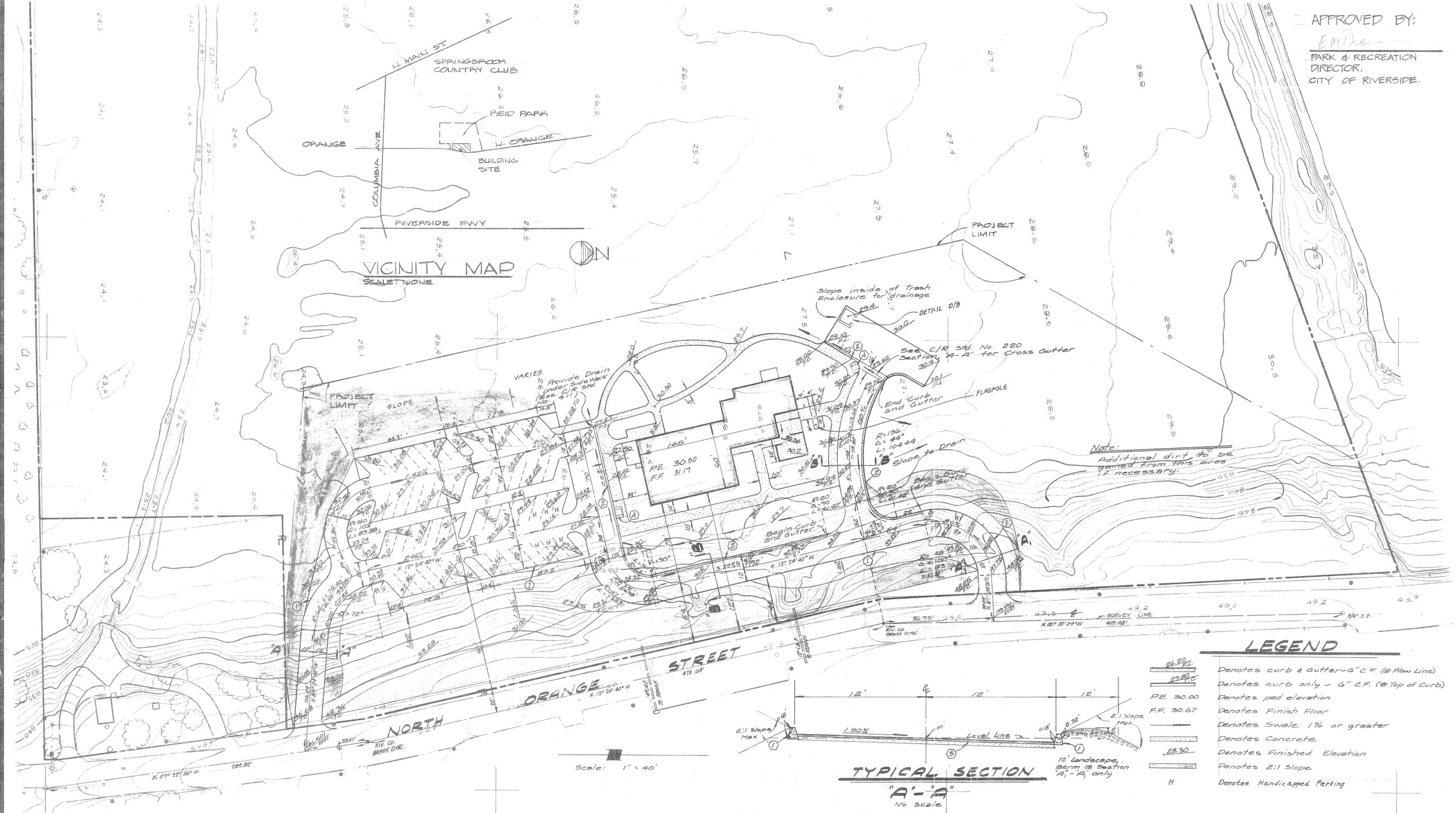
E. WARREN BRUCE
 ARCHITECT
 6370 MAGNOLIA AVE.
 RIVERSIDE, CALIF.
 TELE. (714) 781-9764

KICAK WAINSCOTT & ASSOC.
 CIVIL ENGINEERS
 GRAND TERRACE, CALIFORNIA
 APPROVED BY:  DATE: 11-22-77
 R.C.E. 16056

GRADING PLAN
 REID PARK
 VICINITY MAP

PROTOTYPE
 COMMUNITY RECREATION CENTER
 CITY OF RIVERSIDE
 PARK AND RECREATION DEPARTMENT

DATE NOV. 30 1977
 DRAWN
 CHECKED
 REVISED
 JOB 76702
 2
 OF 15 SHEETS



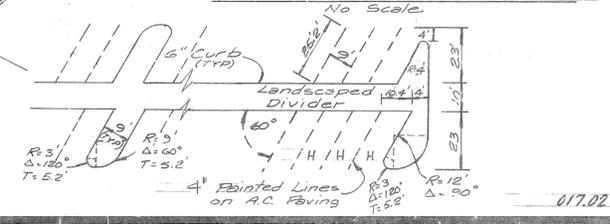
LEGEND

-  Denotes curb & gutter - 6" C.F. (@ Flow Line)
-  Denotes curb only - 6" C.F. (@ Top of Curb)
-  PE 30.00 Denotes pad elevation
-  F.F. 30.67 Denotes Finish Floor
-  Denotes Swale 1% or greater
-  Denotes Concrete
-  Denotes Finished Elevation
-  Denotes 2:1 Slope
-  H Denotes Handicapped Parking

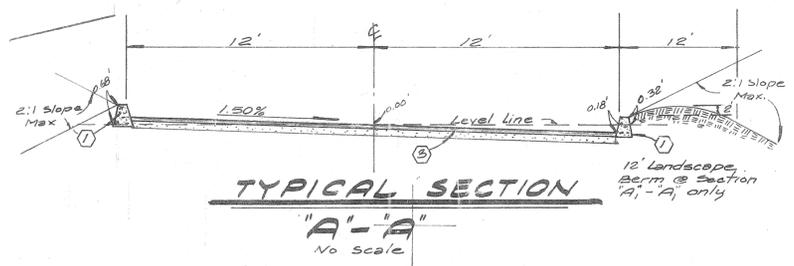
CONSTRUCTION NOTES

- 1 Construct 6" Curb per Standard No. 200 Type II.
- 2 Construct 6" Curb & gutter per Standard No. 200 Type II.
- 3 Construct 2 1/2" A.C. paving over 7" D.G.
- 4 Construct standard 304 Wheelchair Ramps

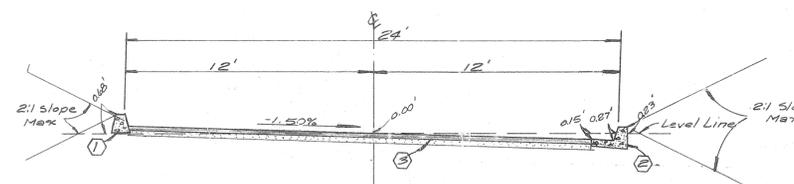
PARKING DETAIL



TYPICAL SECTION "A"- "A"



TYPICAL SECTION "B"- "B"



EARTHWORK NOTE

The below quantities do not reflect Subsidence, Shrinkage or any special conditions called for by the preliminary soils investigation. Prior to grading, the Contractor is to review the preliminary Foundation Investigation prepared by Pacific Foundation Engineers Inc. under Report No. P.F.E.-7123 dated September 15, 1977.

EARTHWORK QUANTITIES

Cut	5600 C.Y.
Fill	4600 C.Y.

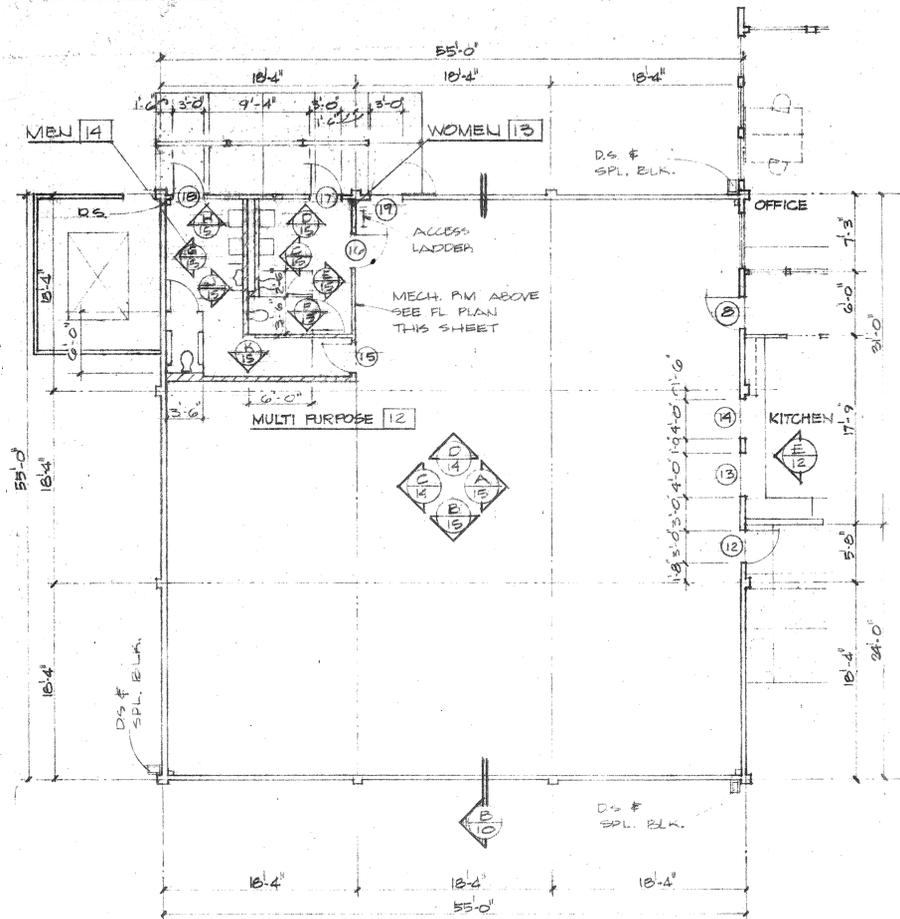
GENERAL NOTES

1. All grading shall be done in accordance with Chapter 70 of the Uniform Building Code, State of California, 1976 Edition, and a preliminary Foundation Investigation prepared by Pacific Foundation Engineers Inc. under Report No. P.F.E.-7123 dated September 15, 1977.
2. Building Pads to be a minimum of 5' larger than the building for trenching.
3. Compaction: All fill to be compacted to a density of not less than 90% of the maximum as determined by A.S.T.M. Standard No. D-1557-58 T. The test for density of soil in place shall be as prescribed by A.S.T.M. Standard No. 1556-58 T.

FLOOD HAZARD CERTIFICATION

THE MAIN BUILDING SHOWN ON THIS PLAN WILL BE FREE FROM FLOODING BY STORM RUNOFF FROM A 100 YR. FREQUENCY STORM.

BY: 
 L.A. WAINSCOTT R.C.E. 16056



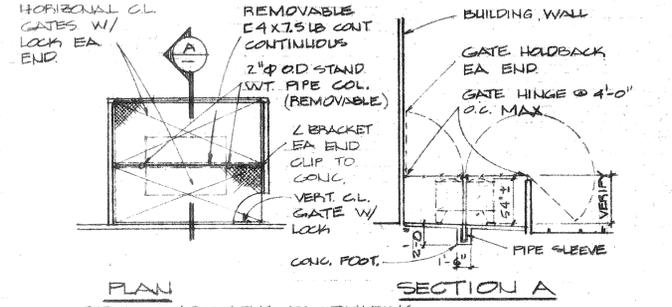
NOT A PART OF CONTRACT
FLOOR PLAN (MULTI PURPOSE ROOM ONLY)
 SCALE: 1/8" = 1'-0"

DOOR SCHEDULE

DOOR NO.	DOOR SIZE	TYPE	THICKNESS	CONSTRUCT	FACING FIN	RATING	GLASS	FRAME	REMARKS
1	3'-0" X 6'-8"	A	1 3/4"	HM	S	-	-	HM	
2	3'-0" X 6'-8"	A	1 3/4"	SC	W	-	-	HM	
3	PR 3'-0" X 6'-8"	C	1 3/4"	SC	W	-	-	HM	
4	3'-0" X 6'-8"	B	1 3/4"	SC	W	-	-	HM	
5	3'-0" X 6'-8"	B	1 3/4"	SC	W	-	-	HM	
6	3'-0" X 6'-8"	A	1 3/4"	SC	W	-	-	HM	
7	3'-0" X 6'-8"	A	1 3/4"	SC	W	-	-	HM	
8	3'-0" X 6'-8"	A	1 3/4"	HM	M	-	-	HM	1/2 HR RATED
9	3'-0" X 6'-8"	A	1 3/4"	SC	W	-	-	HM	
10	3'-0" X 6'-8"	A	1 3/4"	SC	W	-	-	HM	
11	PR 3'-0" X 6'-8"	C	1 3/4"	HM	M	-	-	HM	FULL LOUVRE
12	3'-0" X 6'-8"	A	1 3/4"	HM	M	-	-	HM	
13	4'-0" X 4'-0"	D	-	-	-	-	-	HM	1/2 HR RATED
14	4'-0" X 4'-0"	D	-	-	-	-	-	HM	1/2 HR RATED
15	3'-0" X 6'-8"	B	1 3/4"	HM	M	-	-	HM	
16	3'-0" X 6'-8"	B	1 3/4"	HM	M	-	-	HM	
17	3'-0" X 6'-8"	B	1 3/4"	HM	M	-	-	HM	
18	3'-0" X 6'-8"	B	1 3/4"	HM	M	-	-	HM	
19	3'-0" X 6'-8"	A	1 3/4"	HM	M	-	-	HM	
20	3'-0" X 6'-8"	A	1 3/4"	HM	M	-	-	HM	1-HR RATED
21	3'-0" X 4'-0"	D	-	-	-	-	-	HM	1/2 HR RATED
22	3'-0" X 6'-8"	A	1 3/4"	HM	M	-	-	HM	EMERGENCY EXIT ONLY

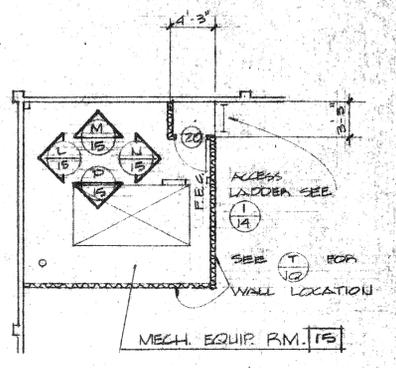
C.I. GATE SPECIFICATIONS

- TYPE - CYCLOPE FENCE DIVISION OF AMERICAN STEEL & WIRE CO.
- FABRIC - 9 GA., 2" MESH W/ ROUNDED SELVAGE EDGES, GALV.
- FRAME - 2" OR. HOT DIP GALVANIZED PIPE, 2.75 LBS PER LIN. FT. GATES SHALL HAVE ROD BRACING. WELD & GRIND SMOOTH CORNERS.
- HARDWARE: MANUFACTURERS STANDARD - HEAVY GALV.
- PROVIDE SHOP DRAWINGS



PLAN SECTION A
 TYPICAL 2 LOCATIONS EA BUILDING
 SEE STRUCTURAL PLANS FOR DIMENSIONS

CONDENSING UNIT COVER
 SCALE: 1/8" = 1'-0"



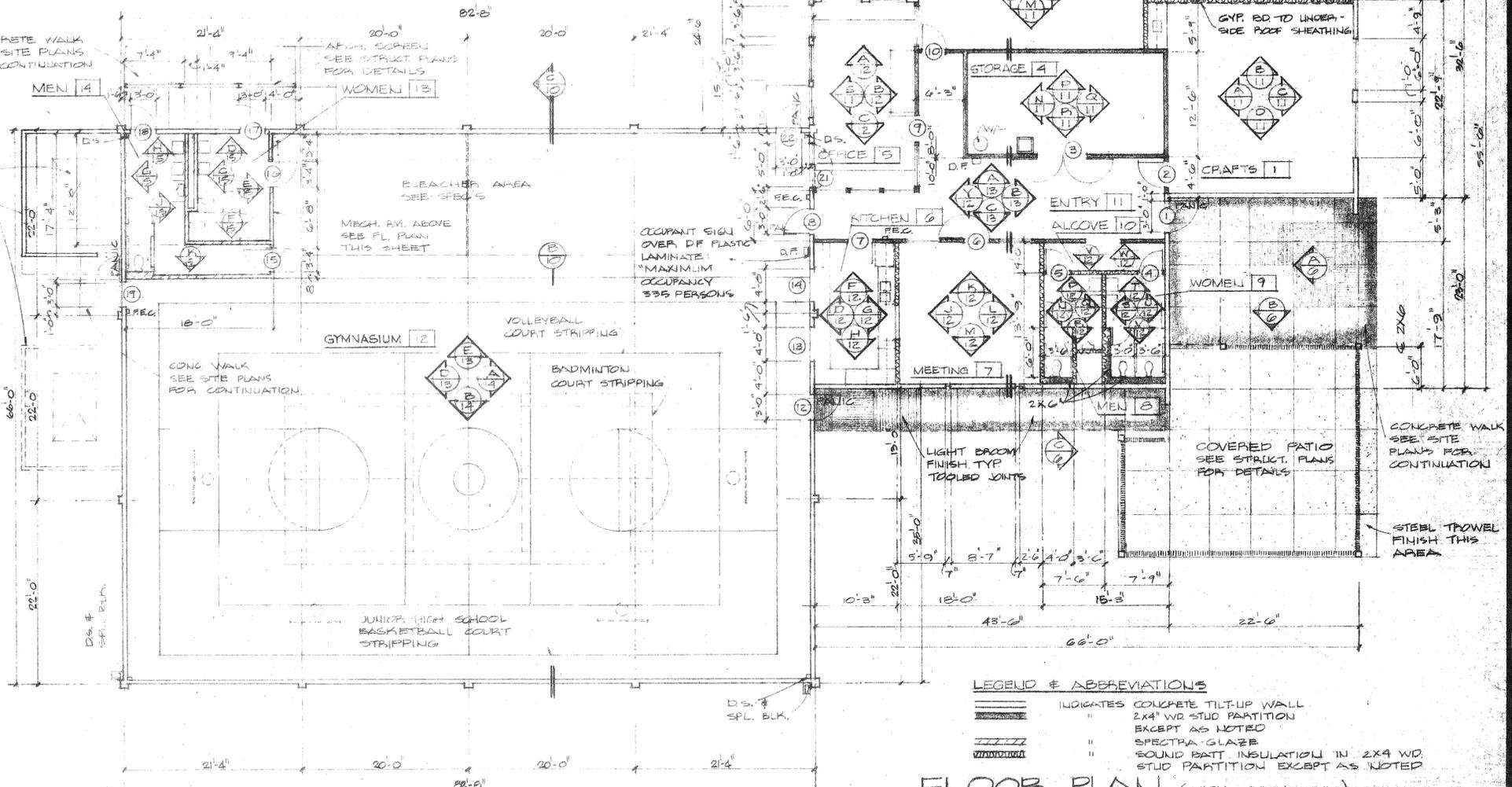
MECH. EQUIP. RM.
 GYMNASIUM & MULTI PURPOSE
 SCALE: 1/8" = 1'-0"

ROOM FINISH SCHEDULE

ROOM NO.	ROOM TITLE	FLOOR	WALLS				CEILING	CELL. HT.	REMARKS
			1	2	3	4			
1	CRAFTS	C	F	H	K	K	P	8'-0" X 1-HR ASSEMBLY	
2	MECH'L. & ELECT'L.	A	F	H	K	K	P		
3	GAME	C	F	H	K	K	P		
4	STORAGE	A	F	H	K	K	P	* CERAMIC TILE @ SERVICE SINK	
5	OFFICE	C	F	H	K	K	P		
6	KITCHEN	C	F	H	K	K	P		
7	MEETING	B	F	H	K	K	P		
8	MEN	D	D	G	G	G	H		
9	WOMEN	D	D	G	G	G	H		
10	ALCOVE	C	F	H	K	K	P		
11	ENTRY	C	F	H	K	K	P		
12	GYMNASIUM	C/E	F	H	K	K	P	* 1-HR ASSEMBLY	
12	MULTI-PURPOSE	C	F	H	K	K	P	NOT A PART OF CONTRACT	
13	WOMEN	D	D	G	G	G	H		
14	MEN	D	D	G	G	G	H		
15	MECH. EQUIP. RM.	A	-	-	-	-	-	NO PAINT	

ROOM FINISH CODE

A EXPOSED CONCRETE	E SYNTHETIC SURFACE	J ACoustICAL TILE	N MASONRY UNIT GLAZED
B CARPET	F TOP SET RUBBER	K CONCRETE PAINTED	P SUSPENDED GRID SYSTEM
C VINYL ASBESTOS	G GLAZED CERAMIC TILE	L SPARE	Q SPARE
D CERAMIC MOSIC TILE	H GYPSUM BOARD PAINTED	M MASONRY UNIT PAINTED	R SPARE



LEGEND & ABBREVIATIONS

INDICATES CONCRETE TILT-UP WALL 2x4" W/ STUD PARTITION EXCEPT AS NOTED

" " " " SPECTRA GLAZED SOUND BATT INSULATION IN 2x4 W/ STUD PARTITION EXCEPT AS NOTED

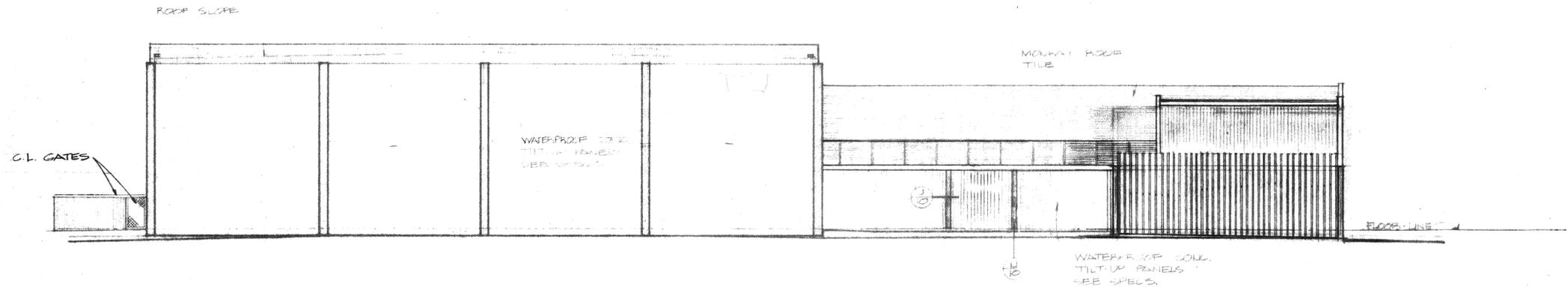
FLOOR PLAN (WITH GYMNASIUM)
 SCALE: 1/8" = 1'-0"
 NOTE: SEE SITE PLAN FOR ORIENTATION

E. WARREN BRUCE
 ARCHITECT
 570 MAGUIRE AVE
 PLEASANTON, CALIF. 94566
 TEL: (925) 784-5164

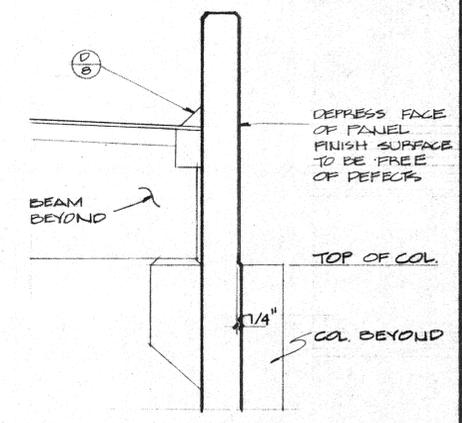
FLOOR PLANS
 FINISH SCHEDULE
 DOOR SCHEDULE

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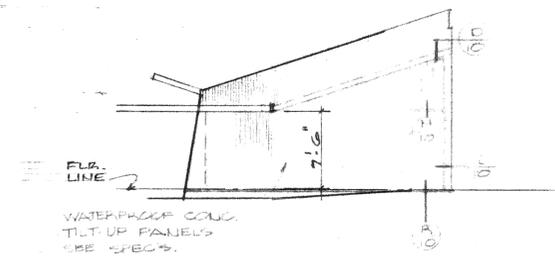
DATE: NOV. 30, 1977
 DRAWN: MUM
 CHECKED: GWS
 REVISED: APRIL 24, 1978
 JOB: 76-222
 JUN 23 1981
 OF 15 SHEETS
 OF 25



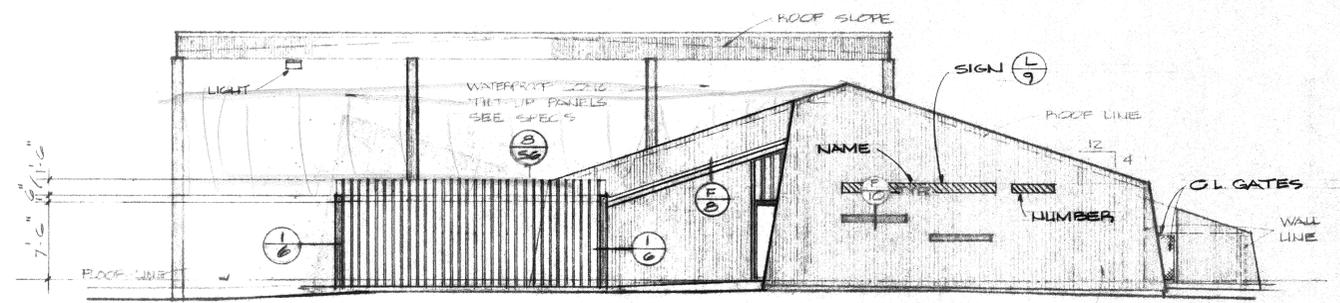
LEFT ELEVATION



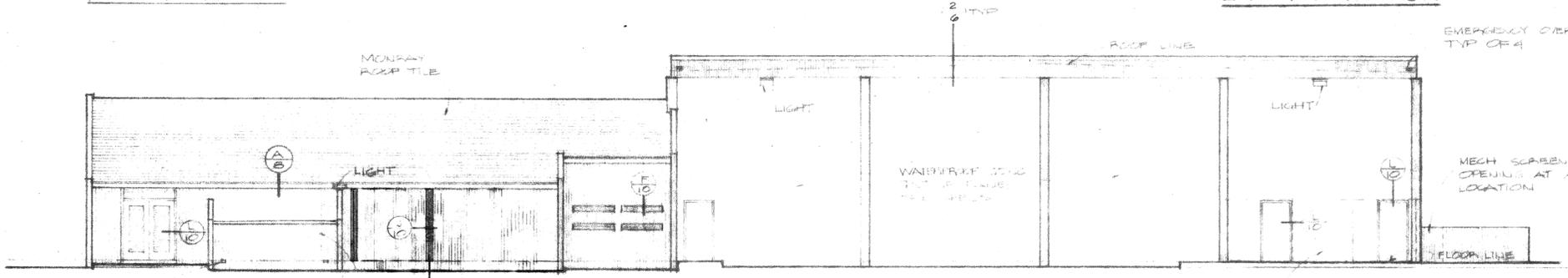
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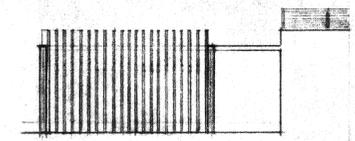
ELEVATION



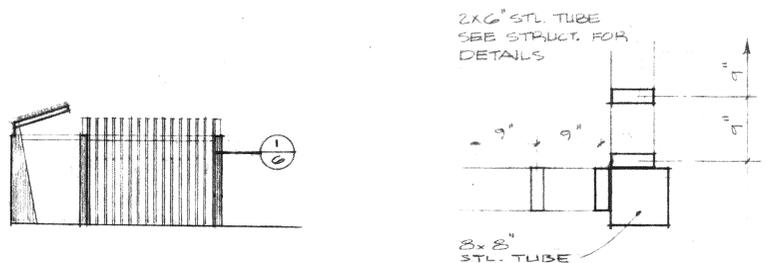
ENTRY ELEVATION



RIGHT ELEVATION

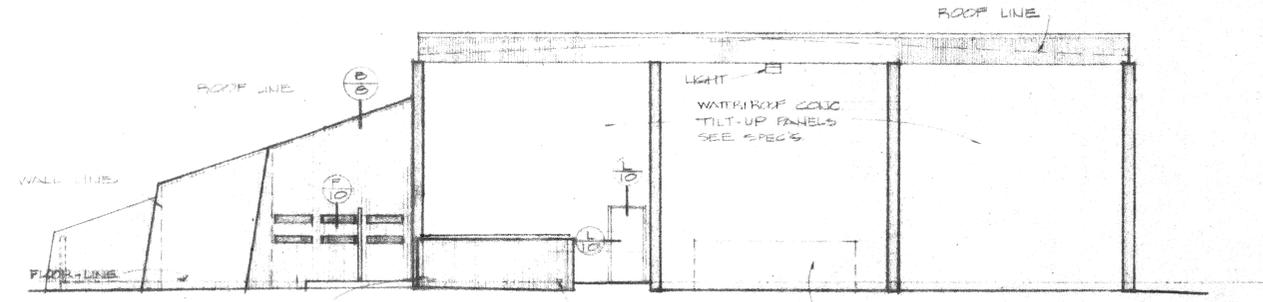


ELEVATION



ELEVATION

SCALE: 1"=1'-0"



REAR ELEVATION

SCALE: 1/8"=1'-0"

E. WARREN BRUCE
ARCHITECT
8370 MAGNOLIA AVE.
RIVERSIDE, CALIF.
TELE. (714) 781-9784

EXTERIOR ELEVATIONS
GYMNASIUM

PROTOTYPE
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DATE
NOV. 30, 1977
DRAWN
MUM WJ
CHECKED
EWS
REVISED
APRIL 26, 1978

JOB 76202

6

OF 15 SHEETS

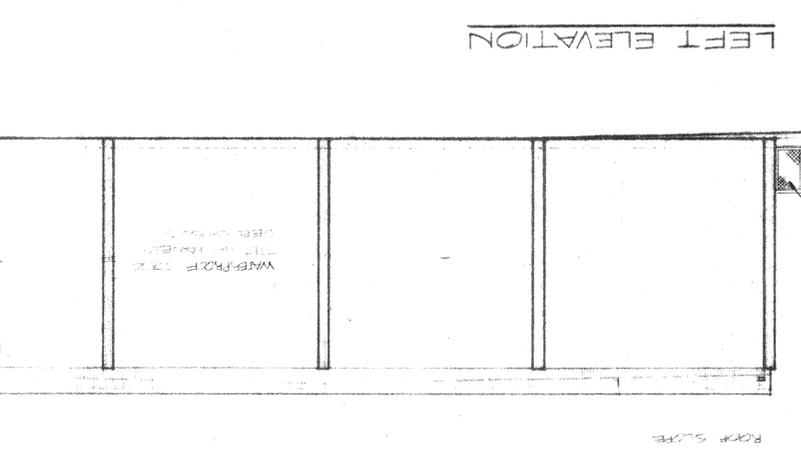
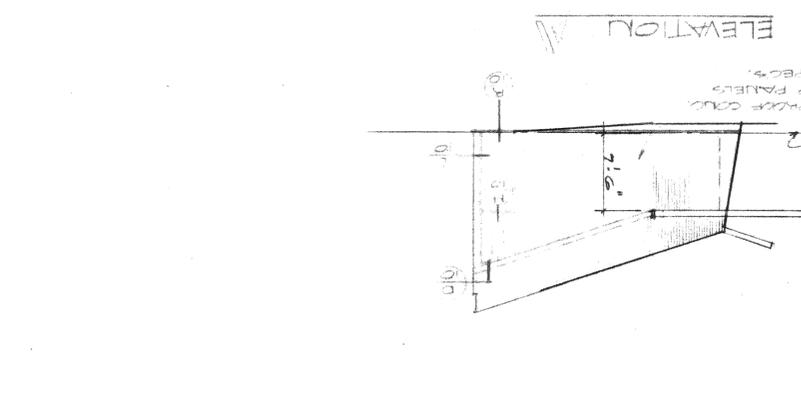
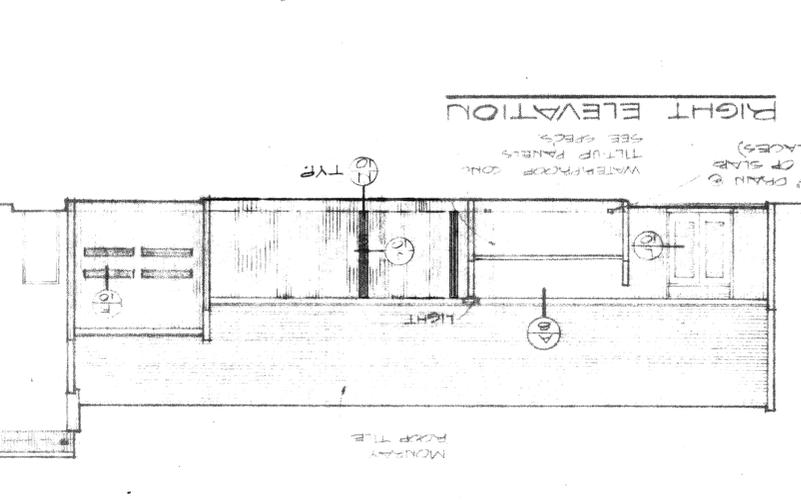
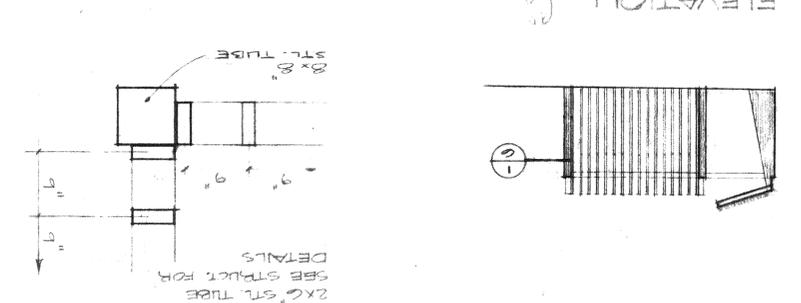
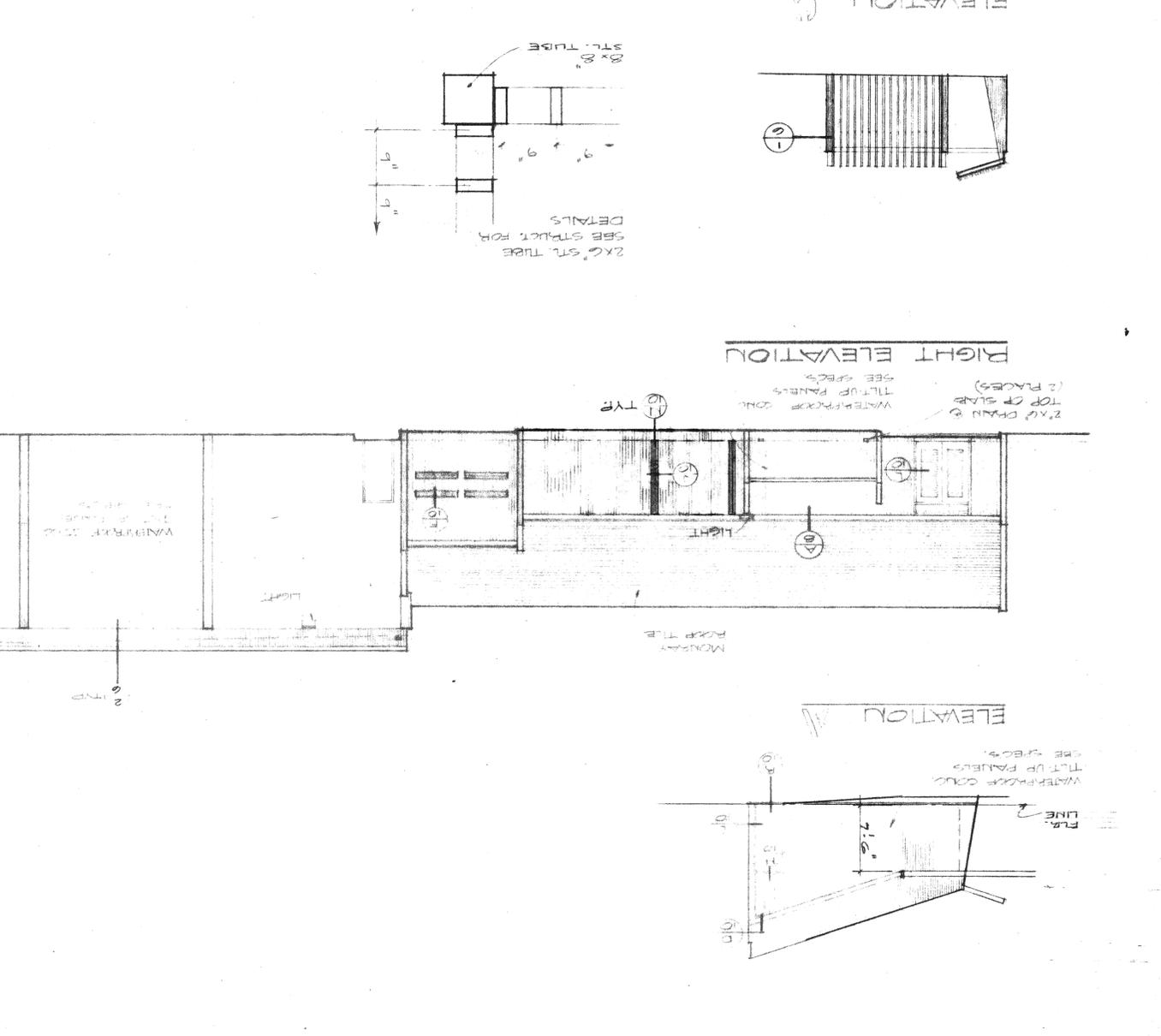
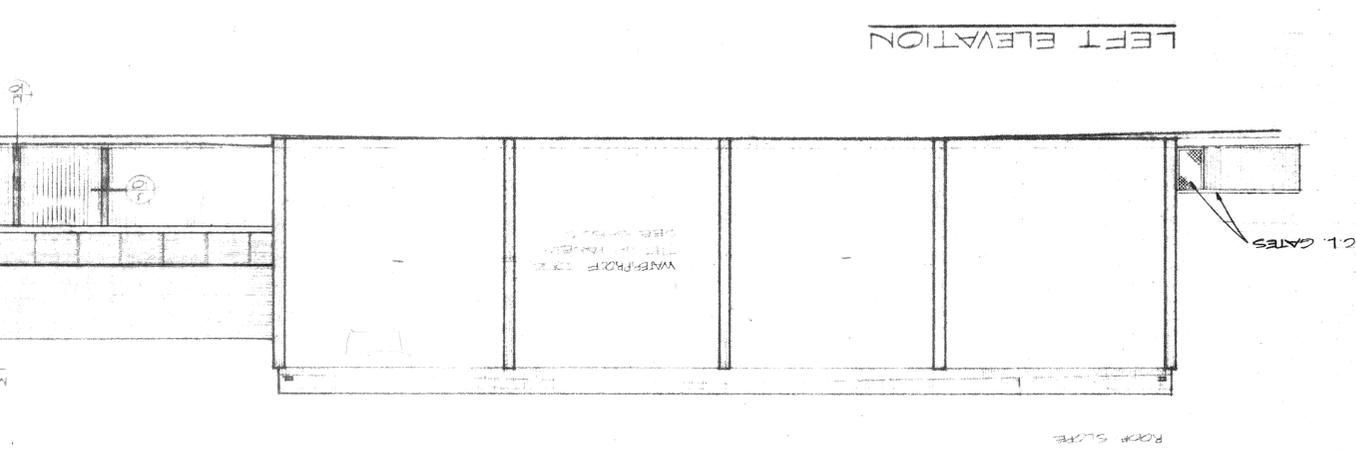
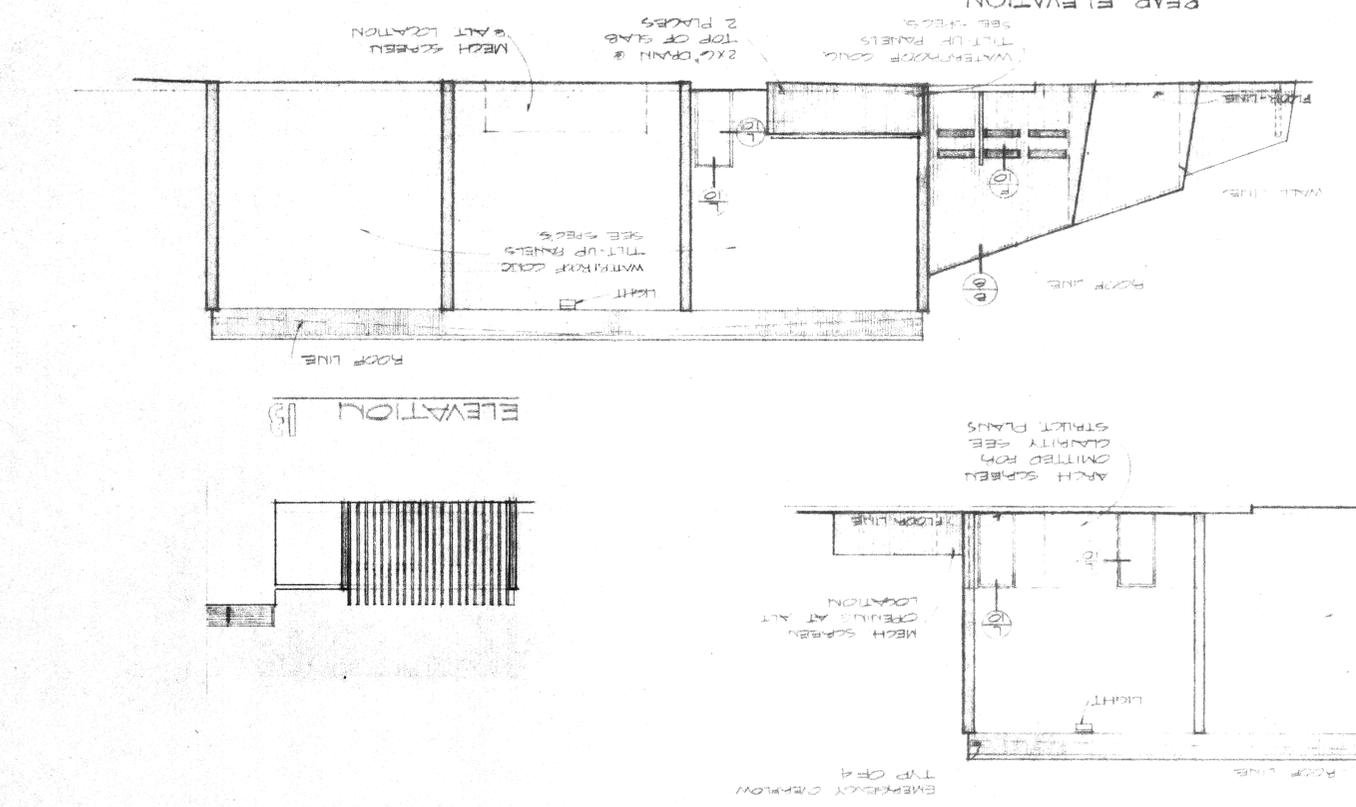
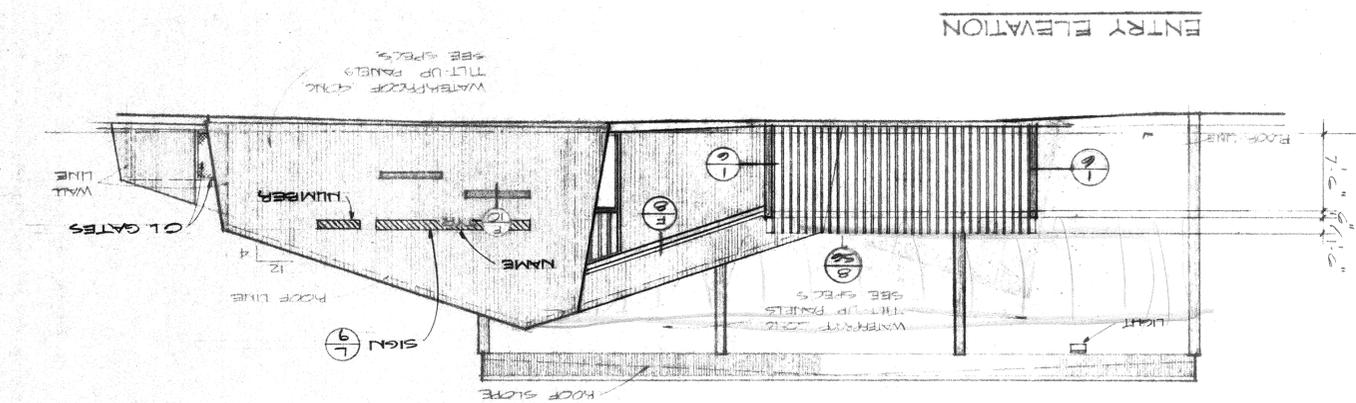
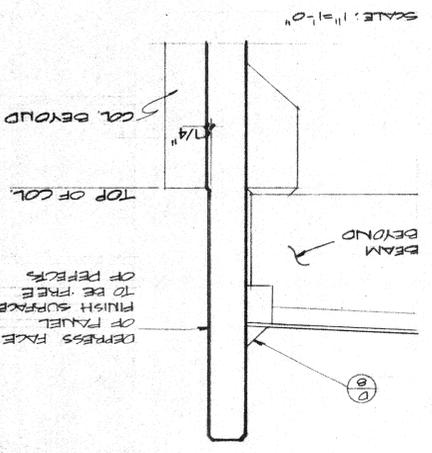
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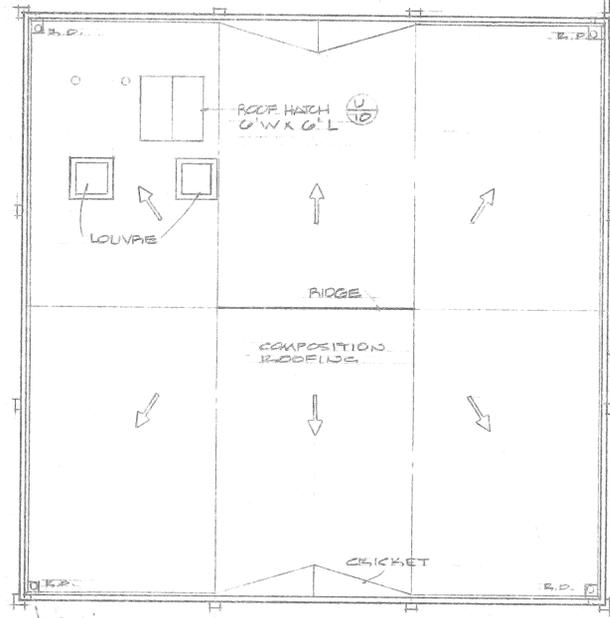
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REVISED APRIL 24, 1972
CHECKED E.W.B.
DRAWN M.M.W.
DATE NOV. 30, 1971

PROTOTYPE
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CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

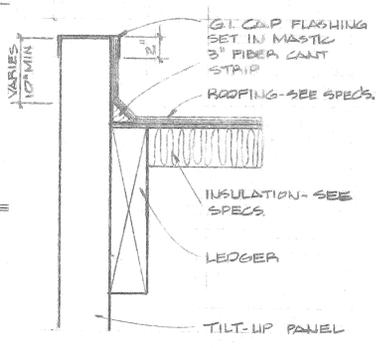
EXTERIOR ELEVATIONS
GYMNASIUM

E. WARREN BRUCE
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TEL. (714) 781-8784

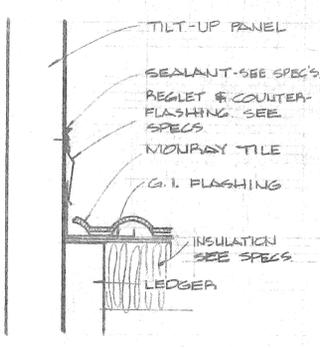




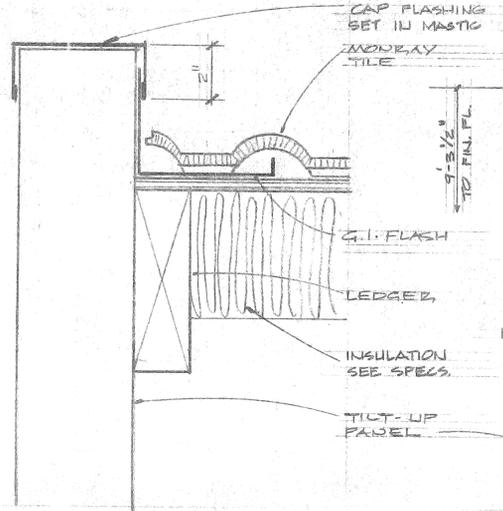
NOT A PART OF CONTRACT
ROOF PLAN (MULTI-PURPOSE R.M.)
SCALE: 1/8" = 1'-0"



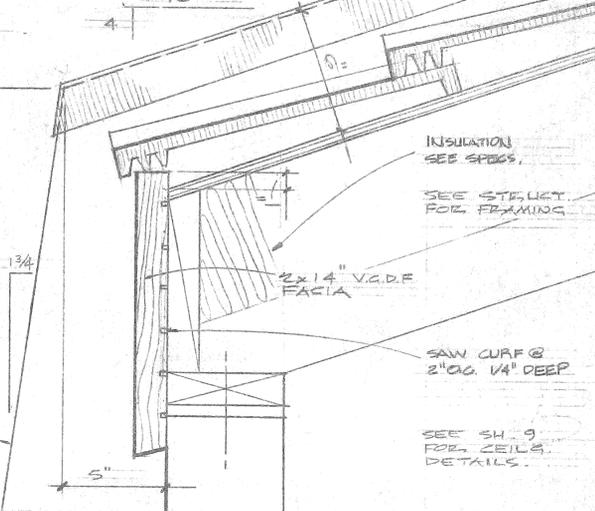
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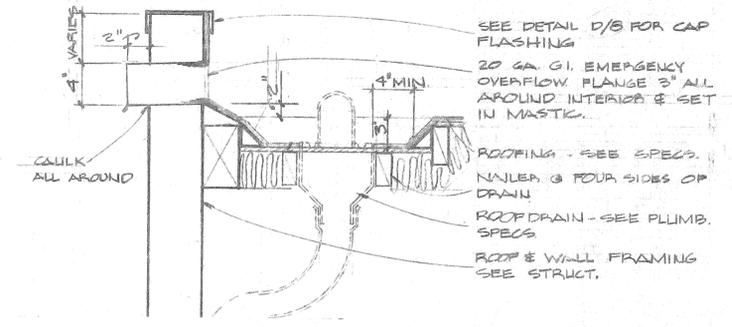
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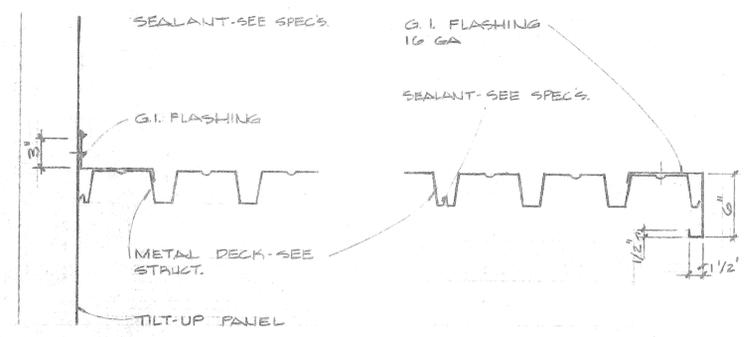
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SCALE: 3/8" = 1'-0"

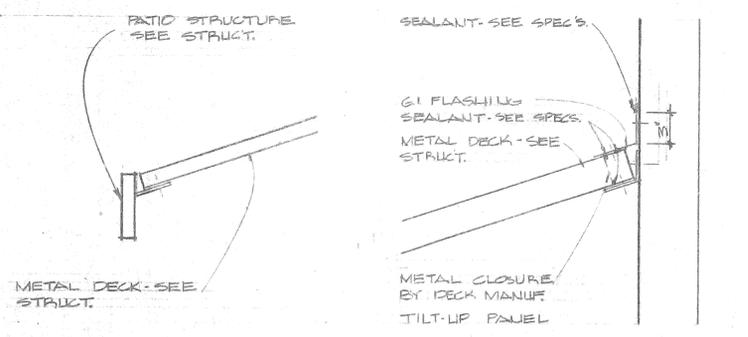


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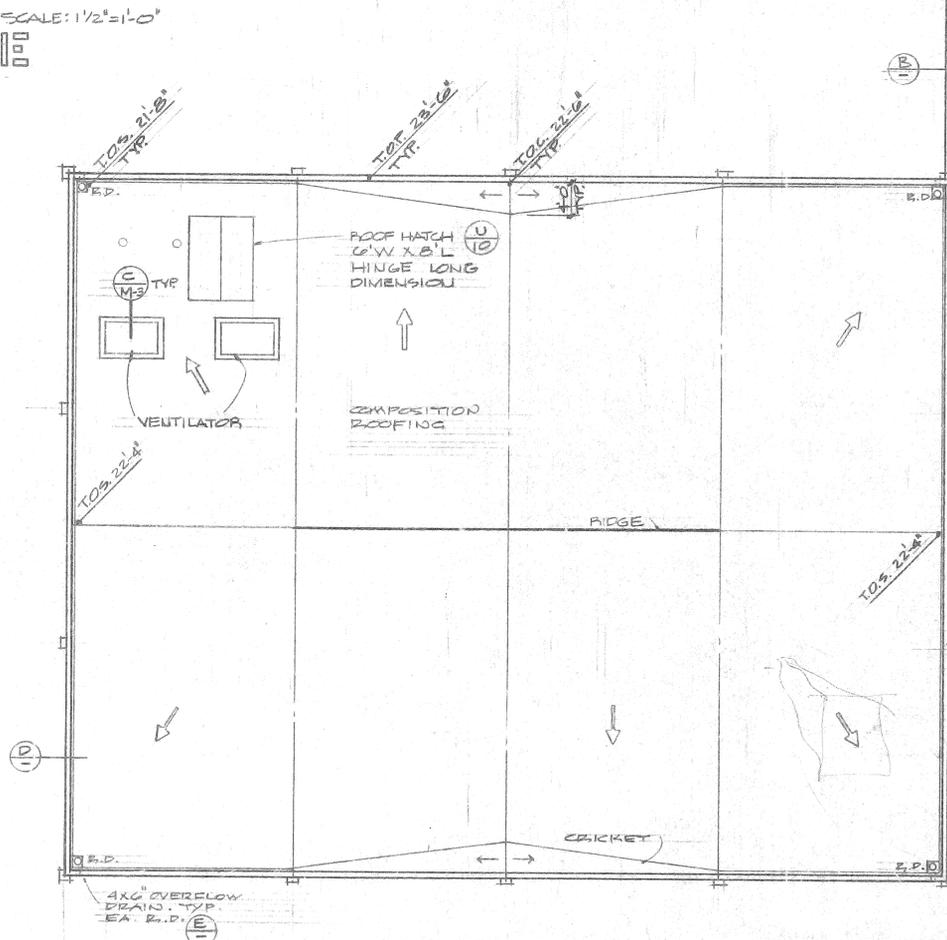
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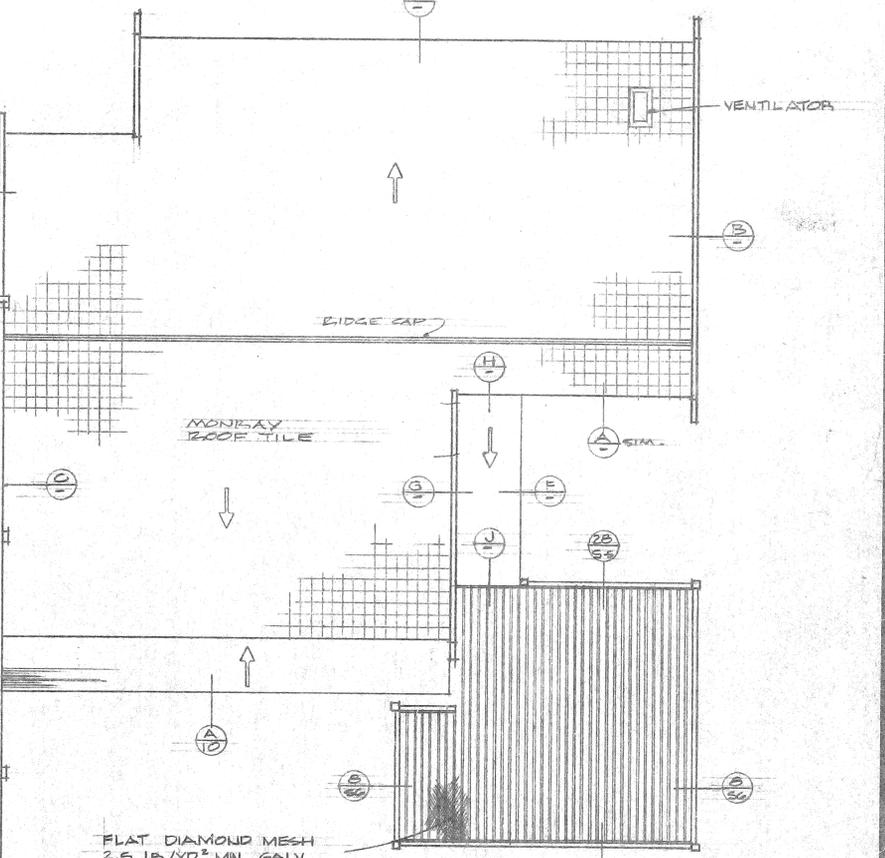


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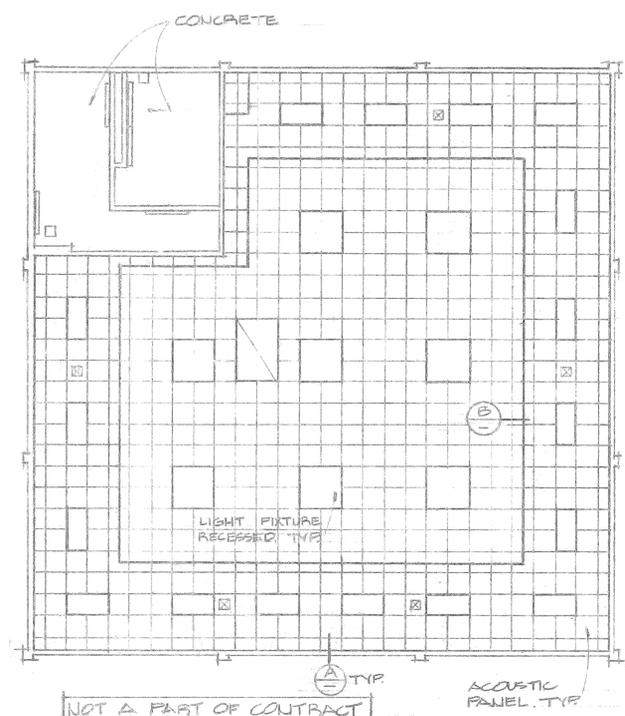
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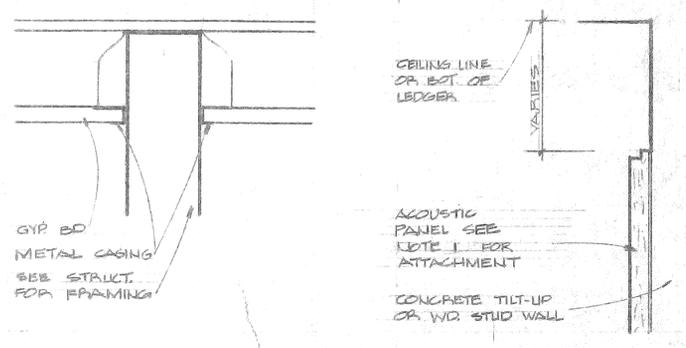
ROOF PLAN (WITH GYMNASIUM)
SCALE: 1/8" = 1'-0"



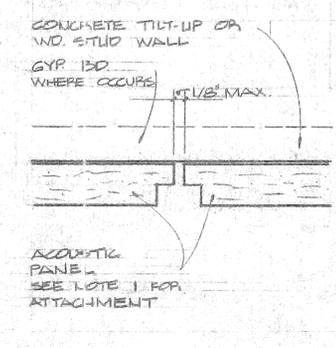
KEY:
T.O.P. = TOP OF PARAPET
T.O.S. = TOP OF SHEATHING
T.O.C. = TOP OF CRICKET SHEATHING
FINISH FLOOR ELEV. 000



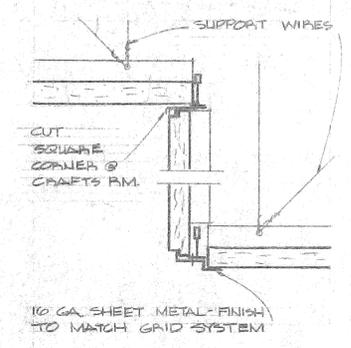
CEILING PLAN MULTI-PURPOSE
SCALE: 1/8" = 1'-0"



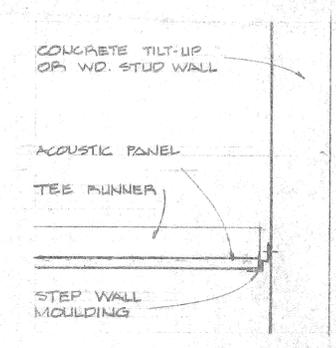
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D



SCALE: NONE
C

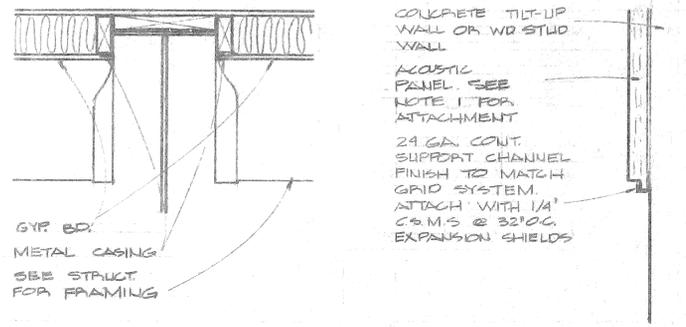


SCALE: NONE
B



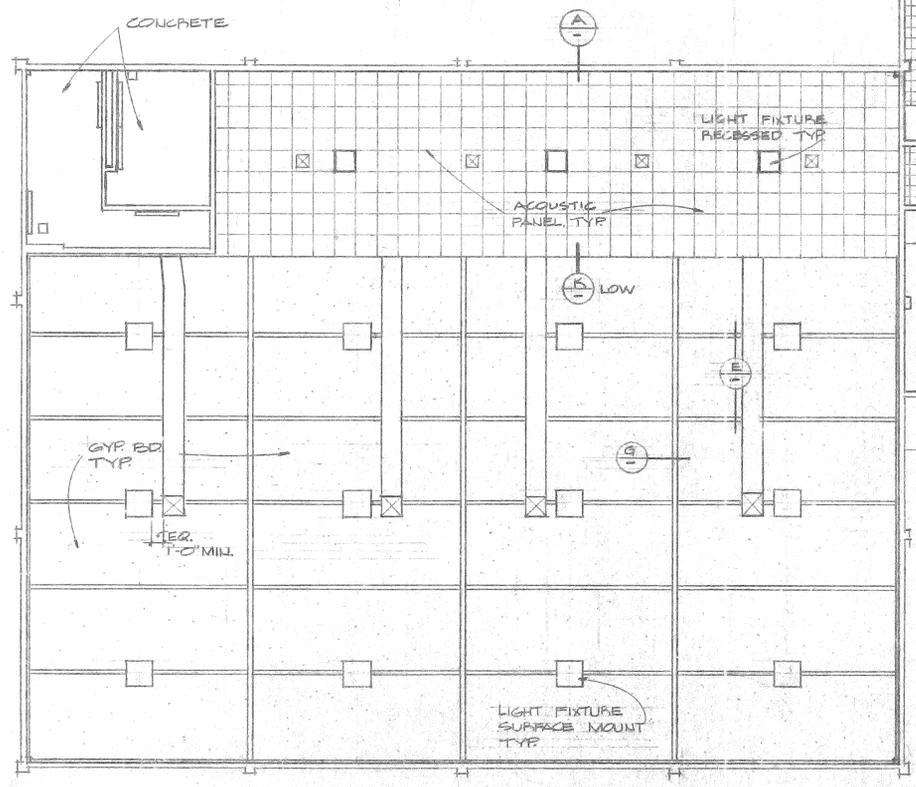
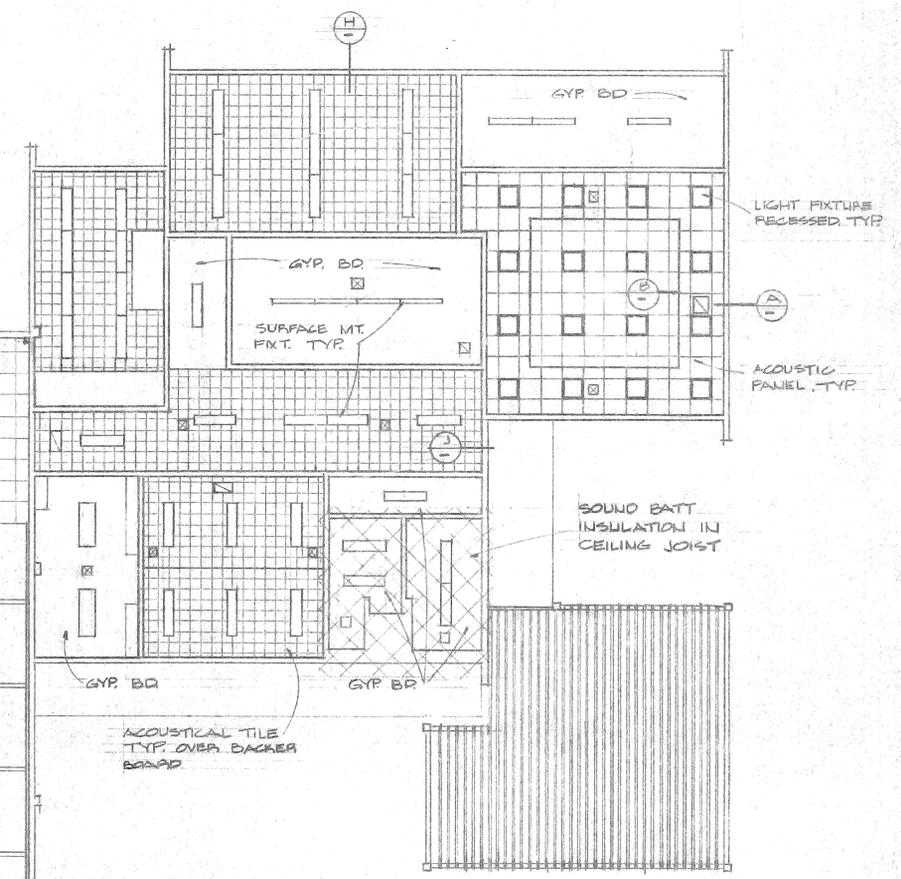
SCALE: 3/4" = 1'-0"
A

GENERAL NOTES:
1. ADHESIVE APPLICATION OF ACOUSTIC PANELS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. PANELS SHALL BE TEMPORARILY BRACED TO MAINTAIN CONTACT UNTIL ADHESIVE SETS.
2. ADHESIVE APPLICATION - USE CONSTRUCTION ADHESIVE AS MANUFACTURED BY MIRACLE ADHESIVES CORPORATION.

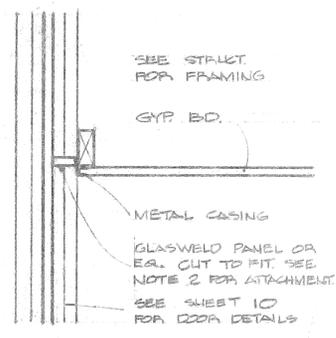


SCALE: 1/2" = 1'-0"
E

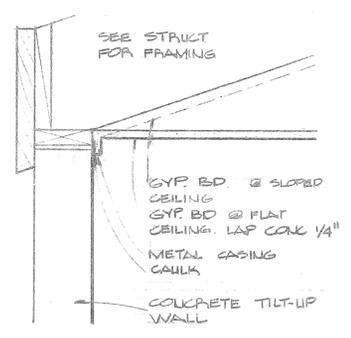
SCALE: NONE
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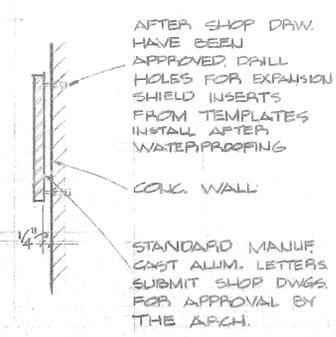
CEILING PLAN (WITH GYMNASIUM)
SCALE: 1/8" = 1'-0"



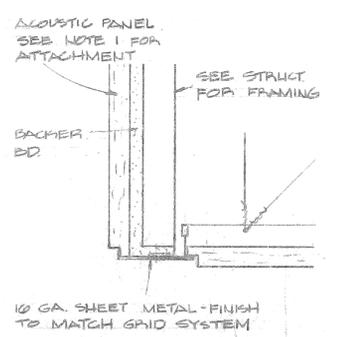
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J



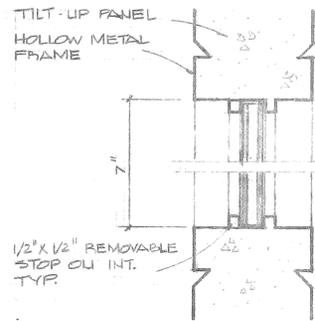
SCALE: 1/2" = 1'-0"
H



SCALE: NONE
L

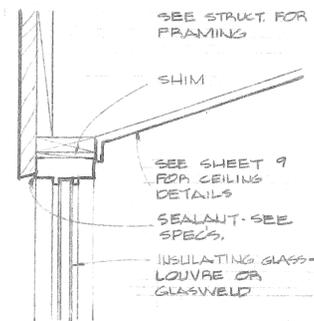


SCALE: NONE
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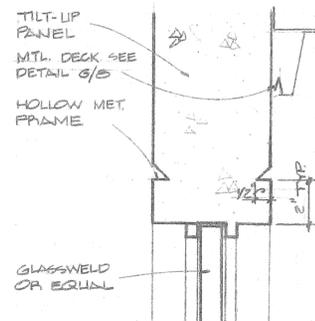
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F



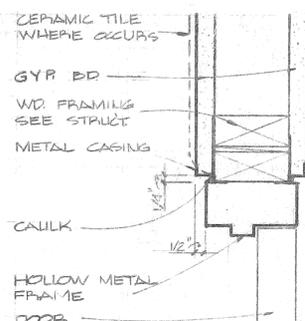
SCALE: 1 1/2"=1'-0"

G



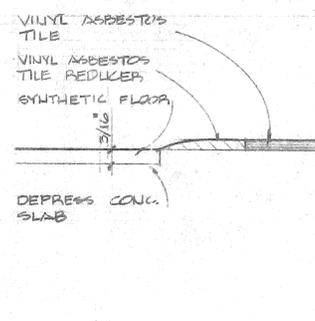
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H



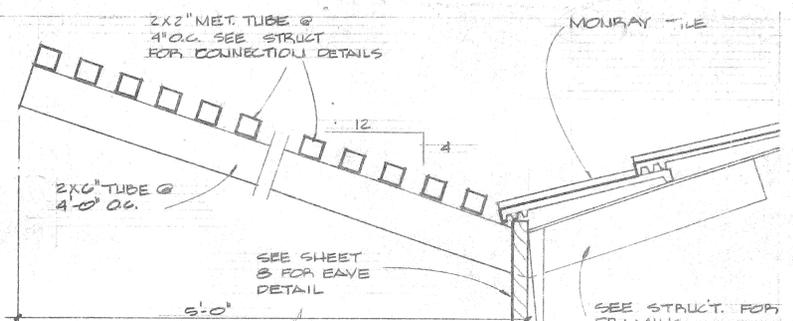
SCALE: 3"=1'-0"

I



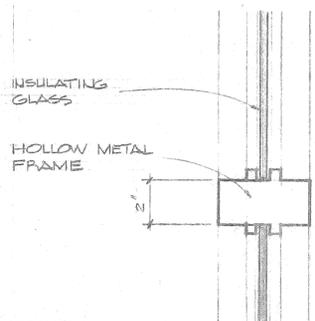
SCALE: FULL

J



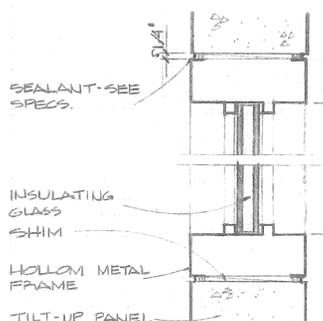
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K



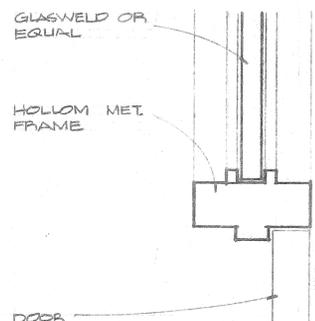
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L



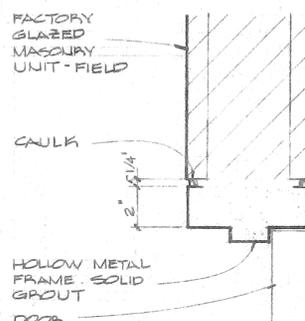
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M



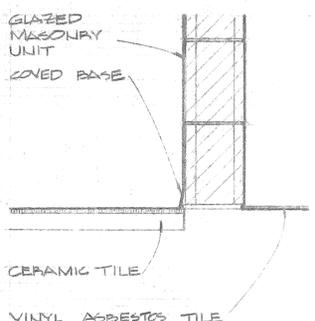
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N



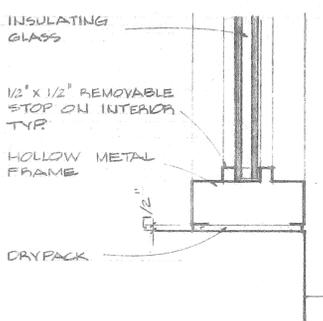
SCALE: 3"=1'-0"

O



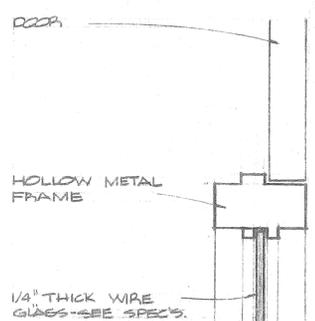
SCALE: 1 1/2"=1'-0"

P



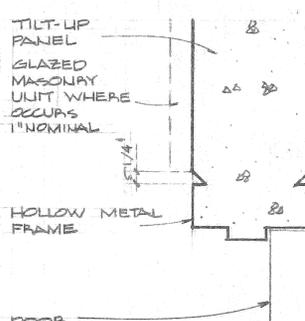
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Q



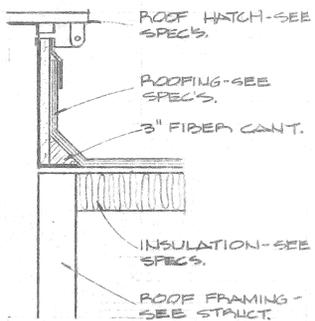
SCALE: 3"=1'-0"

R



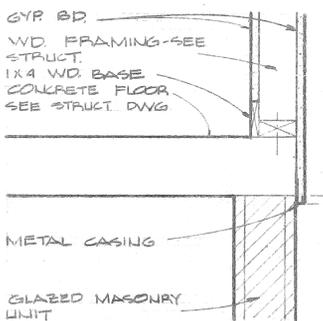
SCALE: 3"=1'-0"

S



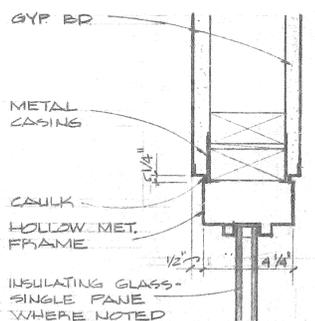
SCALE: 1 1/2"=1'-0"

T



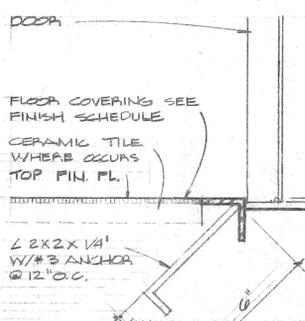
SCALE: 1 1/2"=1'-0"

U



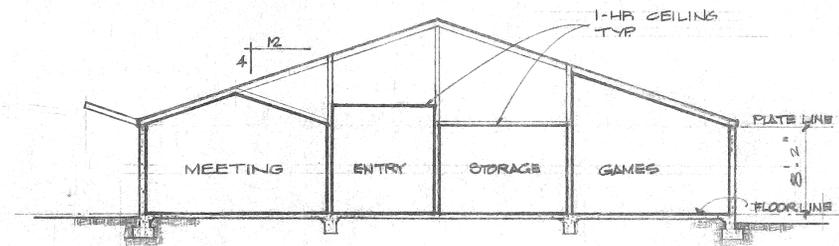
SCALE: 3"=1'-0"

V

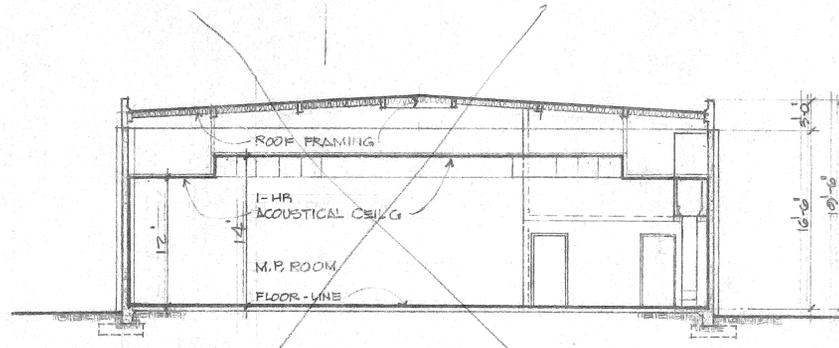


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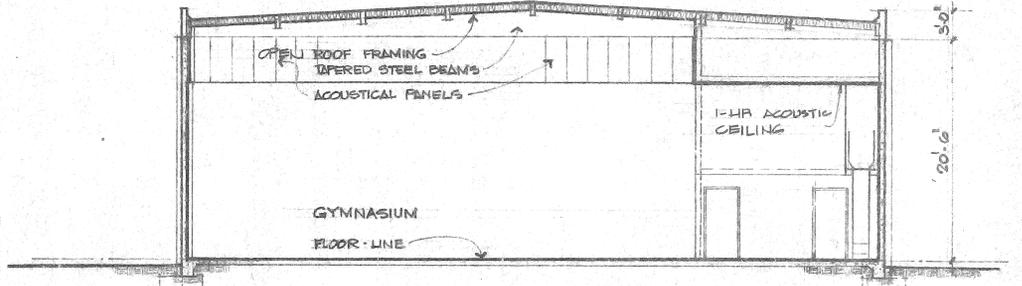
W



SECTION A BASIC BUILDING



SECTION B MULTI-PURPOSE BUILDING NOT A PART OF CONTRACT



SECTION C GYMNASIUM

E. WARREN BRUCE
ARCHITECT
9370 MAGNOLIA AVE.
P.O. BOX 5000
SAN DIEGO, CALIF. 92161
TELE. (714) 781-9764
A.I.A.

SECTIONS

PROTOTYPE
COMMUNITY RECREATION CENTER

CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE NOV. 30 1977

DRAWN MIM WJ

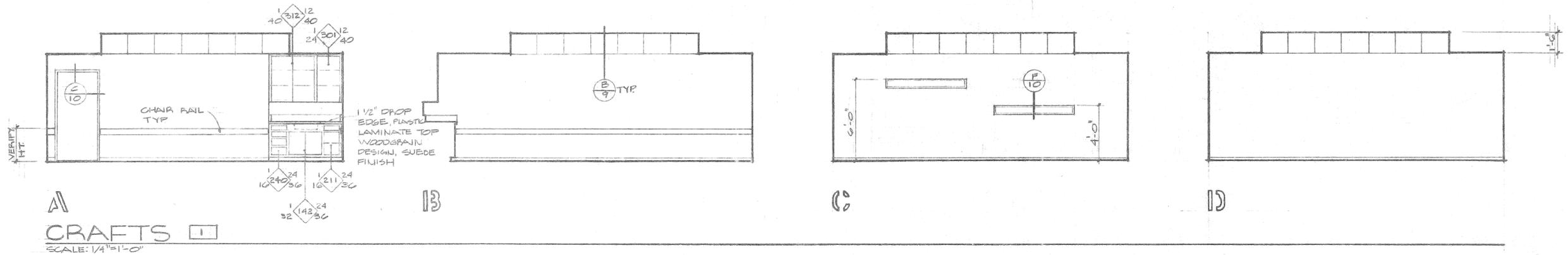
CHECKED LEWIS

REVISED APRIL 24 1978

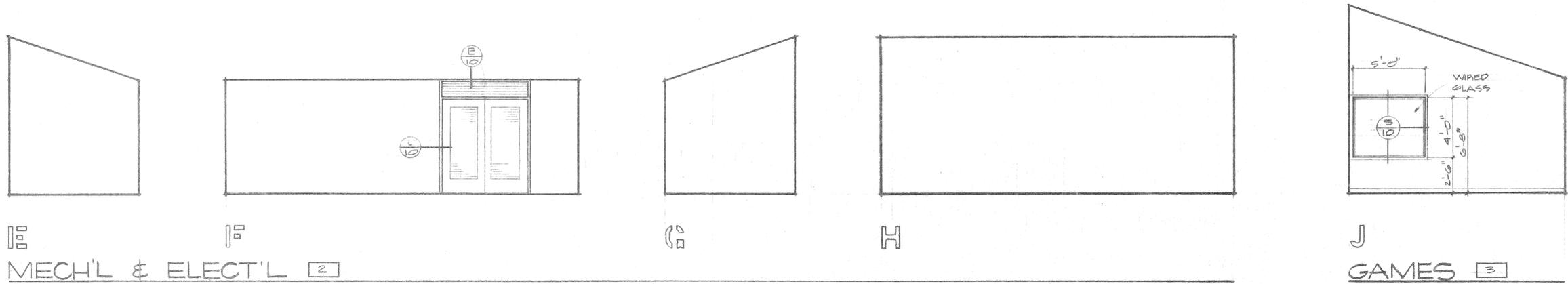
JOB: 78-02

10

OF 15 SHEETS

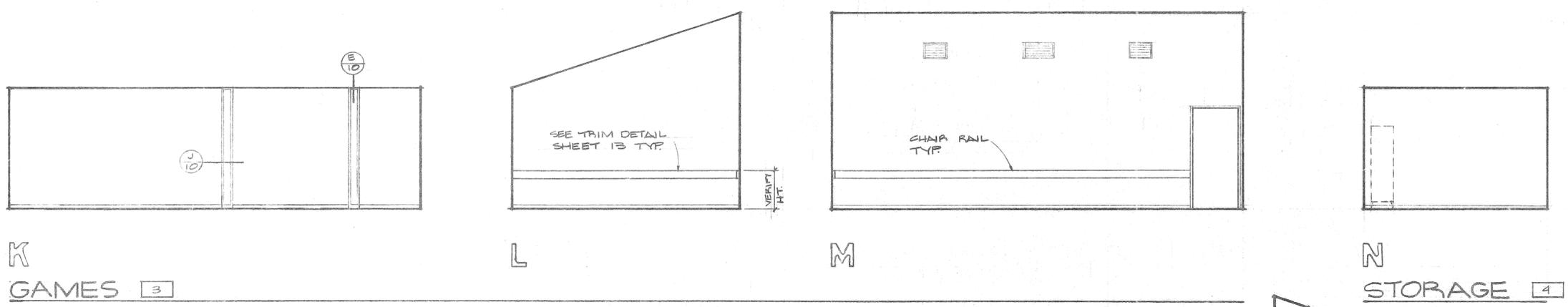


A
CRAFTS [1]
 SCALE: 1/4"=1'-0"



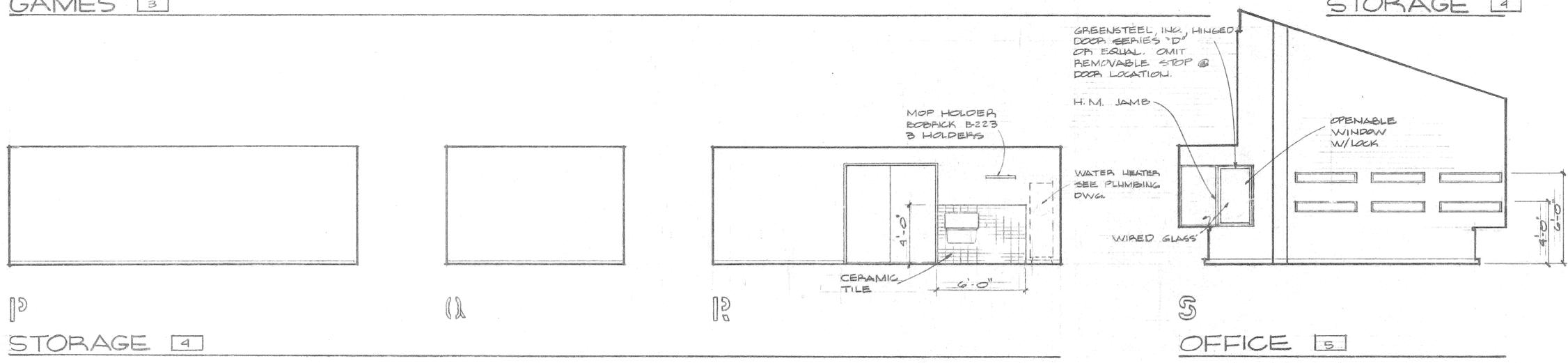
E
MECH'L & ELECT'L [2]

J
GAMES [3]



K
GAMES [3]

N
STORAGE [4]



P
STORAGE [4]

S
OFFICE [5]

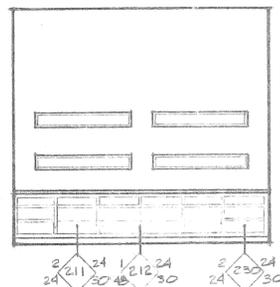
E. WARREN BRUCE
ARCHITECT
 8370 MAGNOLIA AVE.
 RIVERSIDE, CALIF.
 TELE. (714) 781-9764

INTERIOR ELEVATIONS

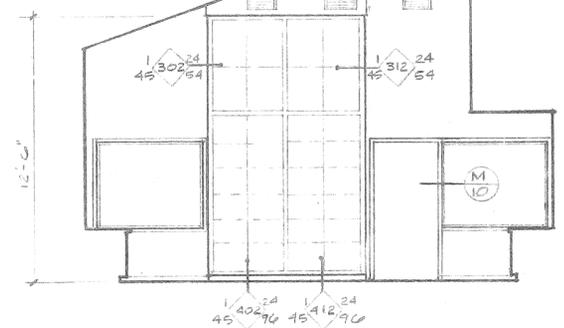
PROTOTYPE
COMMUNITY RECREATION CENTER
 CITY OF RIVERSIDE
 PARK AND RECREATION DEPARTMENT

DATE	NOV. 30 1977
DRAWN	MJM
CHECKED	EWB
REVISED	APRIL 26 1978
JOB NO.	76202

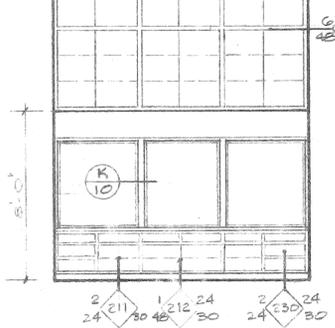
II
 OF 15 SHEETS
 OF 38



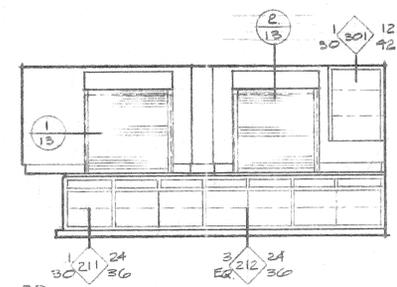
A
OFFICE 5
SCALE: 1/4"=1'-0"



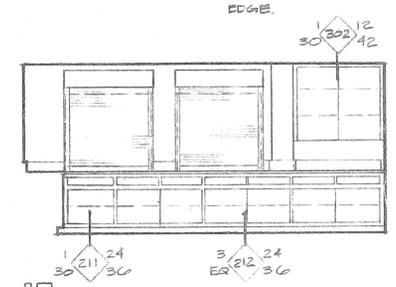
B
NOTE: BASE CABINET TOPS TO BE PLASTIC LAMINATE WOODGRAIN DESIGN W/ 1/2" DROP EDGE



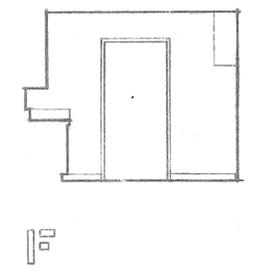
C
KITCHEN 6



D
GYMNASIUM KITCHEN 6



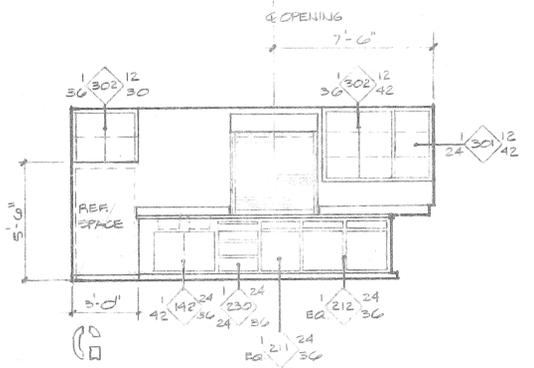
E
MULTI-PURPOSE



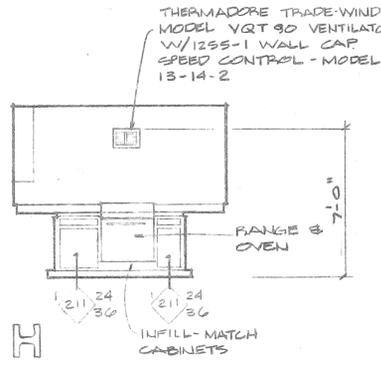
F

NOTE: BASE CABINET TOPS TO BE PLASTIC LAMINATE, PATTERN DESIGN W/ 1/2" ROLL EDGE.

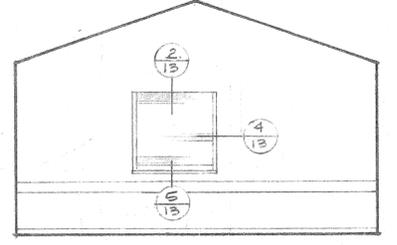
E. WARREN BRUCE
ARCHITECT
6370 MAGNOLIA AVE.
NEW BRIDGE, N.J.
TEL. (714) 781-9764



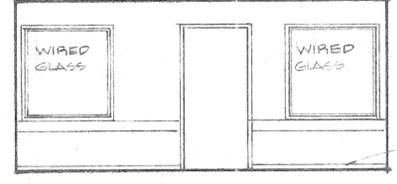
G
KITCHEN 6



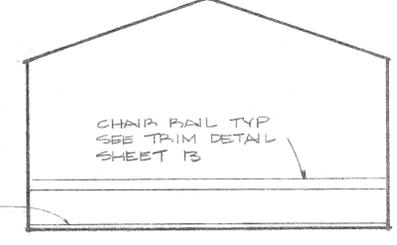
H
INFILL-MATCH CABINETS



I
MEETING 7

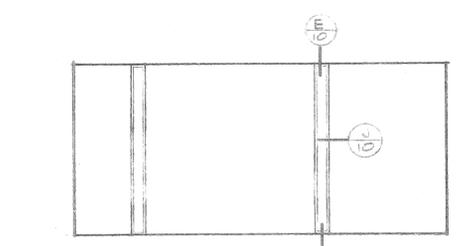


J
MEETING 7



K
MEETING 7

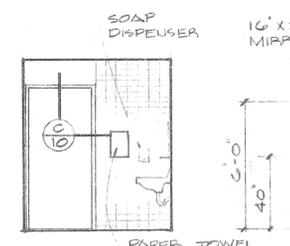
KEY: W.I.C. DETAILS
NO. OF UNITS
DEPTH OF UNIT
W.I.C. SERIES NO.
WIDTH OF UNIT
HEIGHT OF UNIT



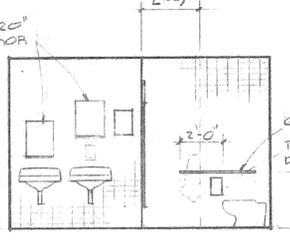
M
MEETING 7



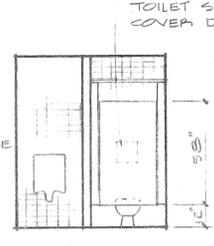
N
MEN 8



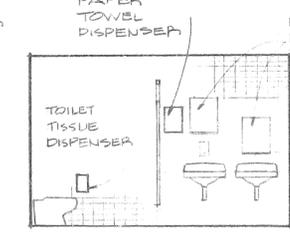
O
MEN 8



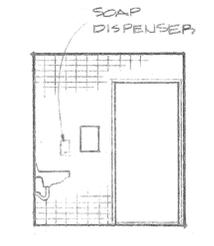
P
MEN 8



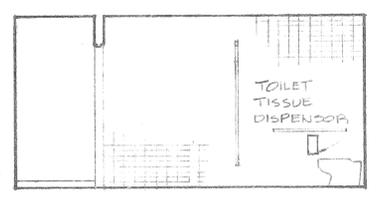
Q
MEN 8



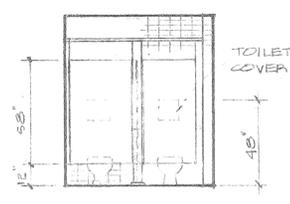
R
WOMEN 9



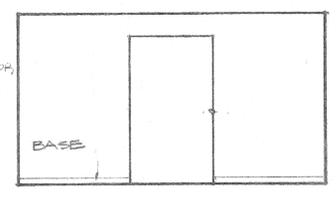
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WOMEN 9



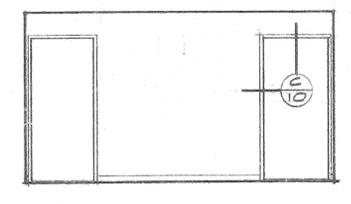
U
WOMEN 9



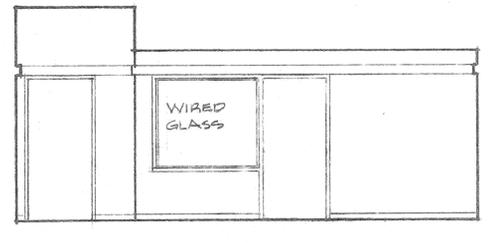
V
WOMEN 9



W
ALCOVE 10



X
ALCOVE 10



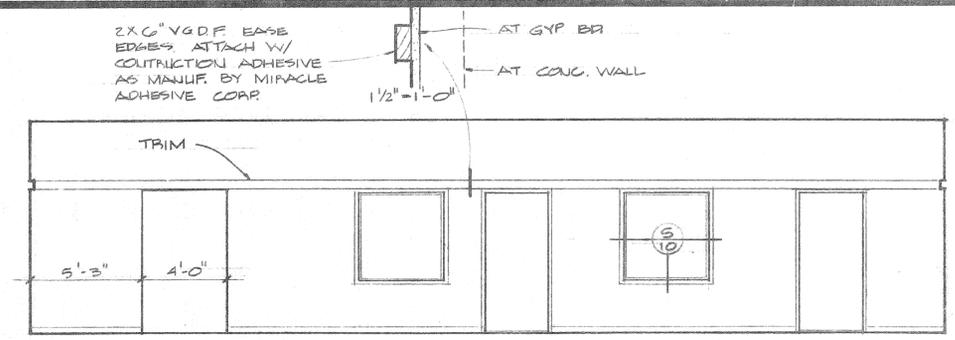
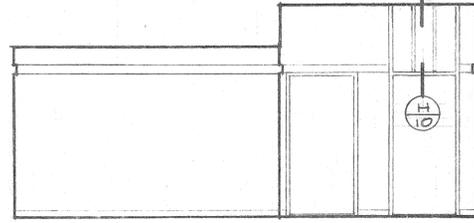
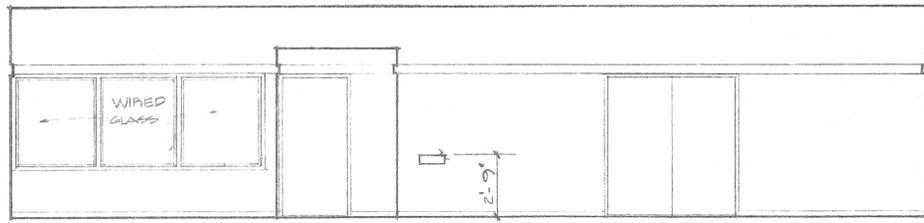
Y
ENTRY 11

- TOILET ROOM ACCESSORIES**
- TOILET TISSUE HOLDER: BRADLEY #519 SINGLE FOLD - 22 GA. - STAINLESS STEEL
 - GRAB BARS: TUBULAR SPECIALTIES MFG. INC. MODEL H48M/CS-1, TYPE 304 STAINLESS STEEL W/KNURLED FINISH
 - PAPER TOWEL HOLDERS: PUBLIC SERVICE SINGLE FOLD TOWELS, 22 GA STEEL - CHROME FINISH, HINGED AT BOTTOM. CROWN ZELLERBACH 102
 - TOILET SEAT COVER DISPENSERS: CHROME PLATE OVER COPPER PLATE ON 22 GA. STEEL SURFACE MOUNT HALF FOLD, CONSECO # G13-CHROME
 - POWERED SOAP DISPENSERS: CHROME PLATE ON HVY. GA. STEEL, 1 QUART CAPACITY DISPENSERS, FINEST TO COARSE POWERED SOAP, LOCK TOP WITH SPECIAL KEY, VANDALL PROOF, SURFACE MOUNTED, LIVOU CHROME
 - MIRROR: CHARLES PARKER # 3210 STAINLESS STEEL, VANDALL PROOF SCREWS
 - SANITARY WASTE DISPOSAL - BRADLEY MODEL 472, MOUNTS IN TOILET PARTITION TO SERVE TWO COMPARTMENTS

INTERIOR ELEVATIONS

PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF FIVERSIDE
PARK AND RECREATION DEPARTMENT

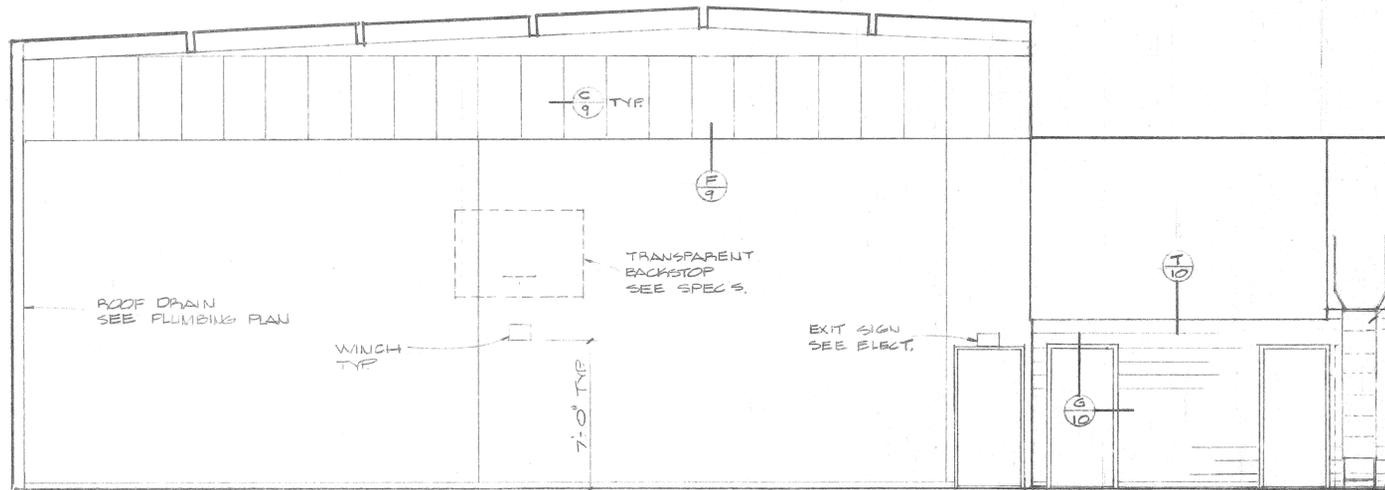
DATE NOV. 30, 1977
DRAWN MJM
CHECKED EWB
REVISED APRIL 24, 1978
JOB 76202



A
ENTRY 11
 SCALE: 1/4" = 1'-0"

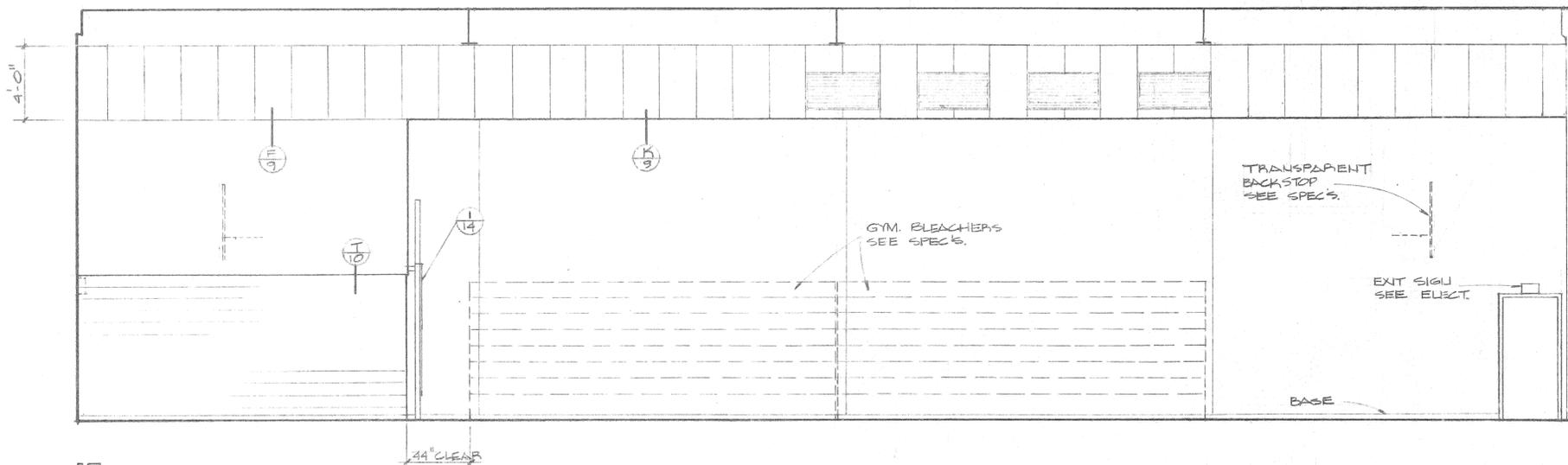
13

10

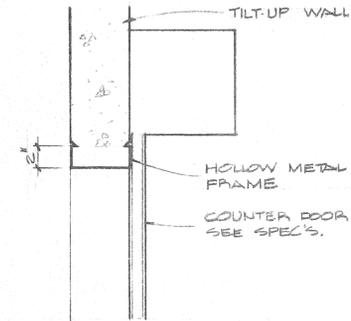


ACCESS LADDER 14

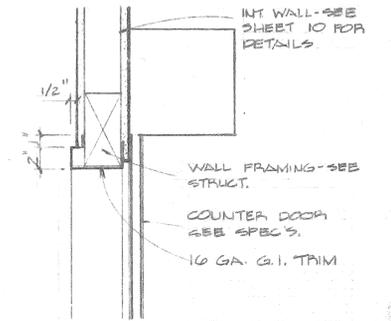
D
GYMNASIUM 12



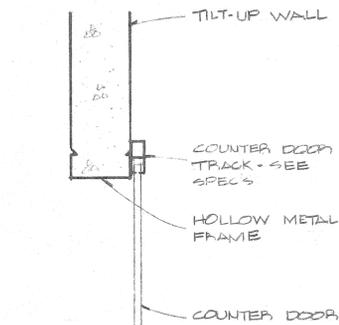
E
GYMNASIUM 12



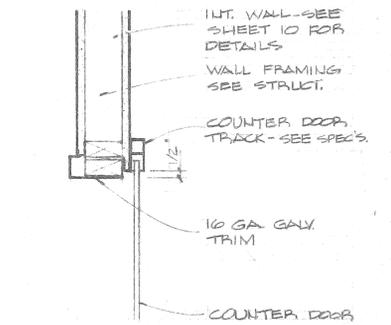
SCALE: 1/2" = 1'-0"



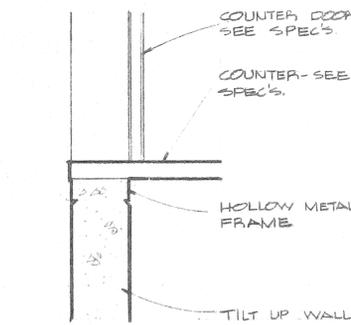
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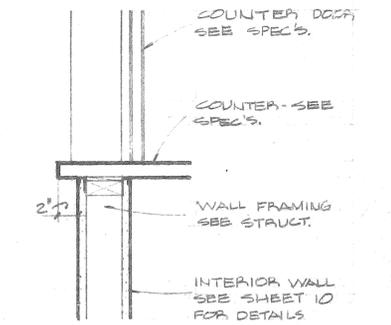
SCALE: 1/2" = 1'-0"



SCALE: 1/2" = 1'-0"



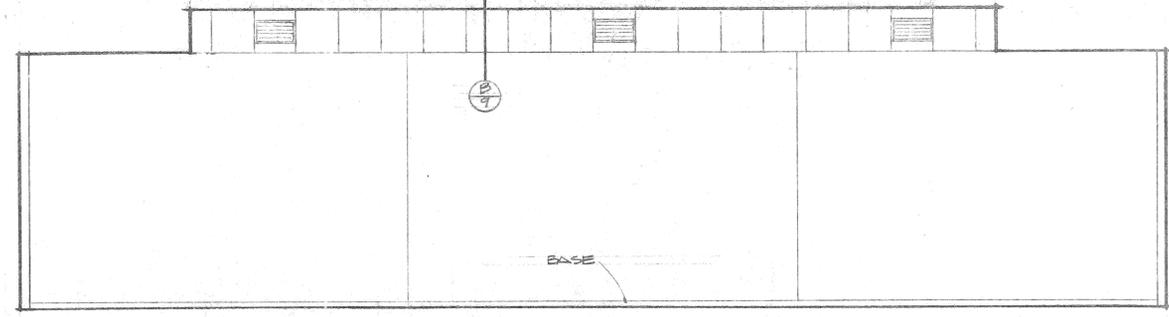
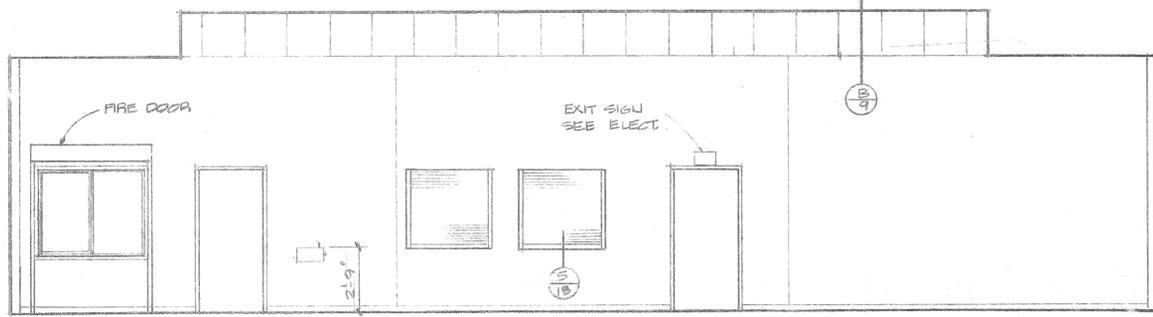
SCALE: 1/2" = 1'-0"



SCALE: 1/2" = 1'-0"

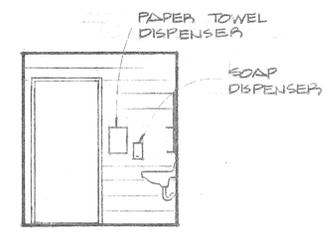
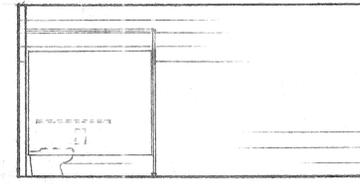
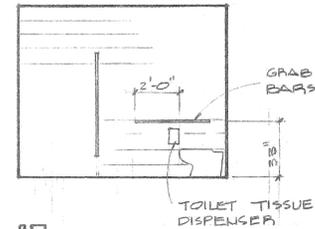
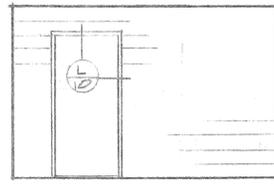
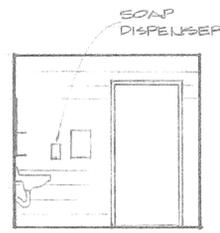
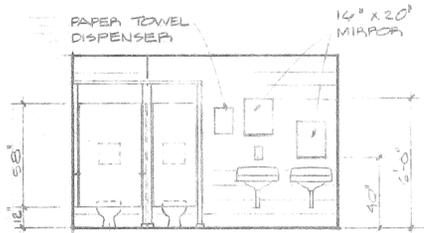
5

6



A
MULTI PURPOSE 12
SCALE: 1/4" = 1'-0"

B



C
WOMEN 13

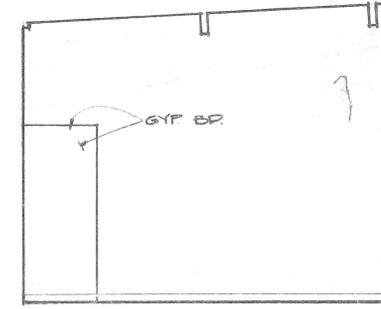
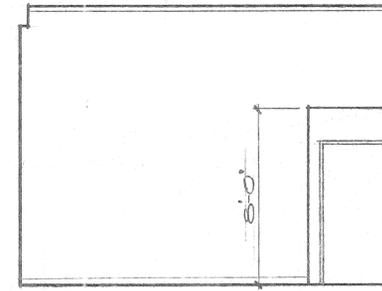
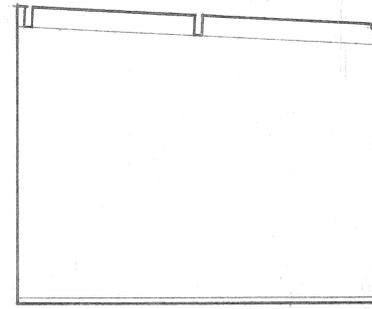
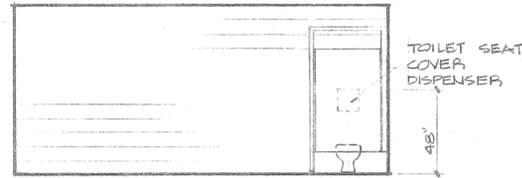
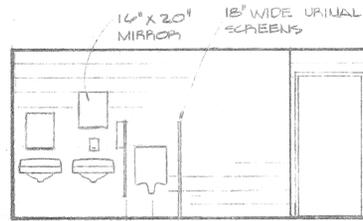
D

E

F

G
MEN 14

H



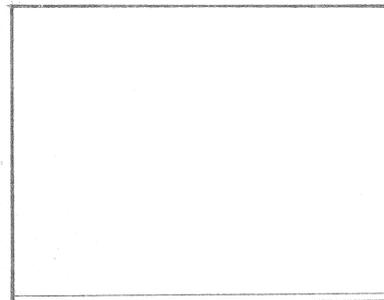
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MEN 14

K

L
MECH. EQUIP. RM. 15 GYM SHOWN - MULTI PURPOSE SIMILAR

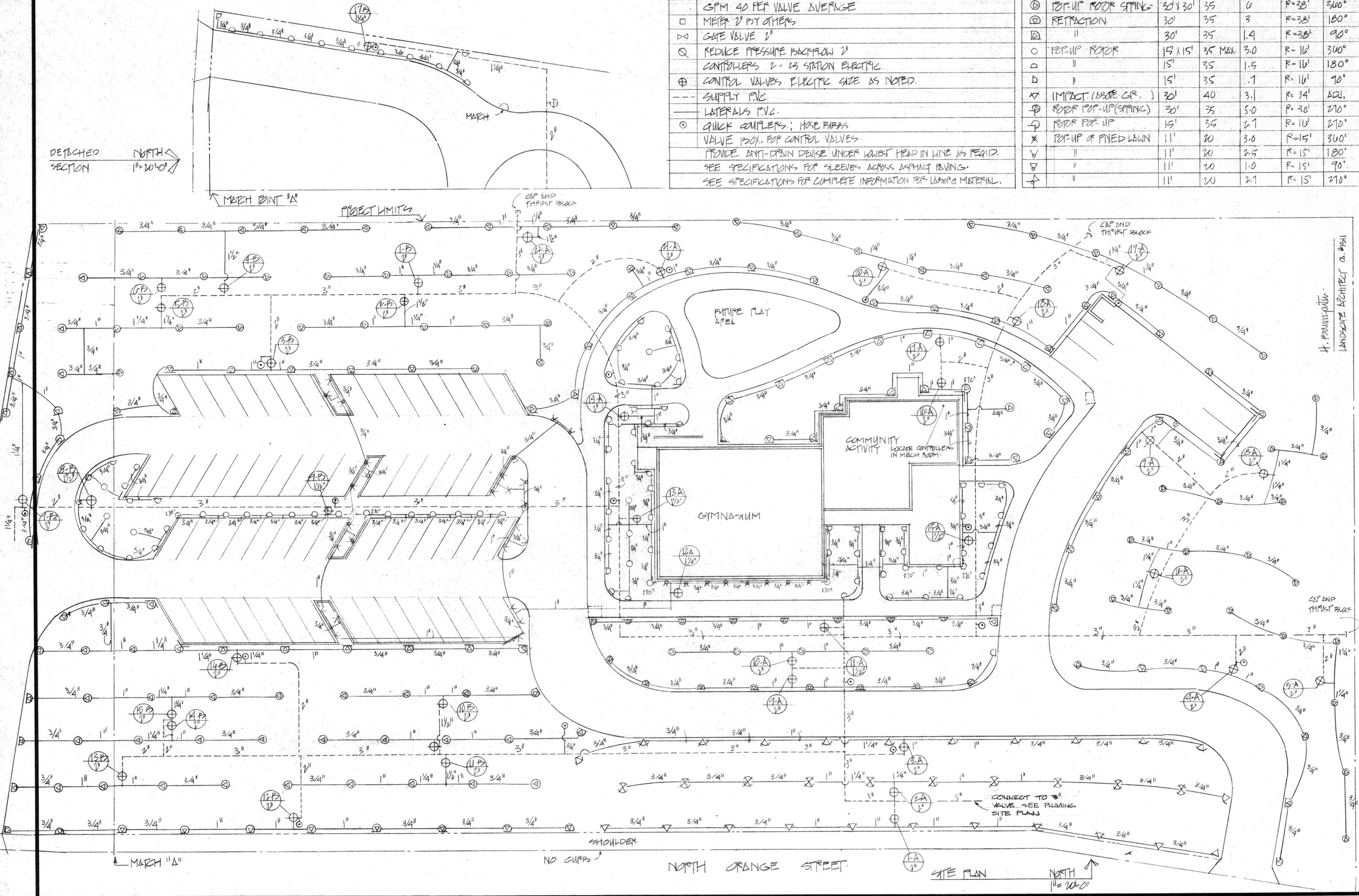
M

N



O
MECH. EQUIP. RM. 15

DETACHED SECTION
NORTH
1" = 20' 0"



IRRIGATION SYSTEM	
SYM	STATIC PSI STREET GO-95 DESIGN 50 PSI
	GPM 40 PER VALVE AVERAGE
□	METER 2" BY OTHERS
◇	GATE VALVE 2"
○	REDUCE PRESSURE BACKFLOW 2"
	CONTROLLERS 2 - 1/3 STATION ELECTRIC
⊕	CONTROL VALVES ELECTRIC SIZE AS NOTED.
---	SUPPLY PVC
---	LATERALS PVC
○	QUICK COUPLERS; HOSE BARRS
	VALVE BOX FOR CONTROL VALVES
	PROVIDE DIRT-DRAIN DEVICE UNDER LOWEST HEAD IN LINE AS REQ'D.
	SEE SPECIFICATIONS FOR SLEEVES ACROSS ASPHALT PAVING.
	SEE SPECIFICATIONS FOR COMPLETE INFORMATION FOR LAMPED MATERIAL.

IRRIGATION SPRAY						
SYM	DESCRIPTION	SPACING	PSI	GPM	RADIUS	ARC
⊙	POP-UP ROTOR SPRING	30' X 30'	35	0	R=33'	360°
⊙	RETRACTION	30'	35	3	R=33'	180°
⊙	"	30'	35	1.4	R=33'	90°
○	POP-UP ROTOR	15' X 15'	35 MAX.	3.0	R=16'	360°
○	"	15'	35	1.5	R=16'	180°
b	"	15'	35	.1	R=16'	90°
∇	IMPACT (SBORE CAP.)	30'	40	3.1	R=34'	ADJ.
⊙	ROTOR POP-UP (SPRING)	30'	35	5.0	R=38'	270°
⊙	ROTOR POP-UP	15'	35	2.1	R=16'	270°
∇	POP-UP OR FIXED DOWN	11'	20	3.0	R=15'	360°
∇	"	11'	20	2.5	R=15'	180°
∇	"	11'	20	1.0	R=15'	90°
∇	"	11'	20	2.1	R=15'	270°

E. WARREN BRUCE
ARCHITECT
6370 MAGNOLIA AVE.
RIVERSIDE, CALIF.
TELE. (714) 781-9764

HOWARD PAUMGARTEN
LANDSCAPE ARCHITECT
332 STANFORD DRIVE
CLAREMONT, CALIF. 91711
TELE. (626) 441-1184

PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT.

DATE NOV. 30 1977
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JOB 76202

1-1
OF 4 SHEETS
OF 38

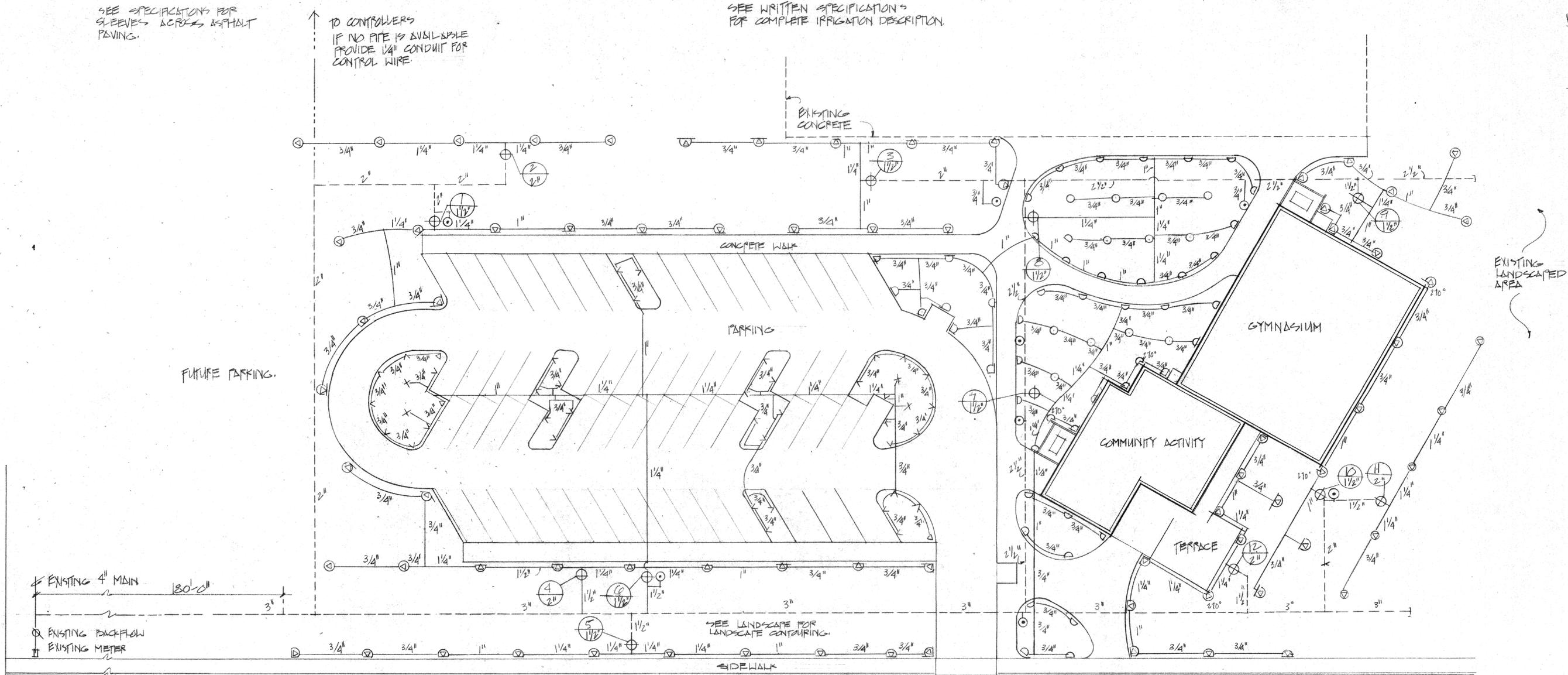
IRRIGATION	
STATIC PSI 90# AT STREET	
DESIGN PSI 80#	
DESIGN GPM 50	
METER EXISTING	
REDUCED BACKFLOW EXISTING	
ELECTRIC CONTROLLERS EXISTING. LOCATION VERIFY ON SITE	
NEW	
⊕	GATE VALVE
---	SUPPLY PIPE LINE
---	LATERALS
⊕	CONTROL VALVES ELECTRIC. SIZE AS NOTED ON PLANS.
⊙	QUICK-COUPLES; HOSE BIBS.

SEE SPECIFICATIONS FOR SLEEVES ACROSS ASPHALT PAVING.

TO CONTROLLERS
IF NO PIPE IS AVAILABLE PROVIDE 1/4" CONDUIT FOR CONTROL WIRE.

IRRIGATION SPRAY							
SYM	DESCRIPTION	SPACING	P.S.I.	G.P.M.	RADIUS	ARC	TYPE
⊙	POP-UP SPRING RETRACTION	30' X 40'	40	6.0	39'	360°	LAWN
⊙	POP-UP SPRING RETRACTION	30' X 40'	40	3.0	39'	180°	LAWN
⊙	POP-UP SPRING RETRACTION	30' X 40'	40	1.4	39'	90°	LAWN
○	POP-UP ROTOR	15' X 16'	35	3.0	16'	360°	LAWN
○	POP-UP ROTOR	15' X 16'	35	1.4	16'	180°	LAWN
○	POP-UP ROTOR	15' X 16'	35	1.3	16'	90°	LAWN
X	FIXED OR POP-UP	11'	20	4.0	12.0	360°	SHRUB
V	FIXED OR POP-UP	11'	20	1.0	12.0	180°	SHRUB
∇	FIXED OR POP-UP	11'	20	1.3	12.0	90°	SHRUB
⊕	POP-UP SPRING RETRACTION	30'	40	5.0	39'	270°	LAWN
⊕	POP-UP ROTOR	15'	35	2.1	16'	270°	LAWN

SEE WRITTEN SPECIFICATIONS FOR COMPLETE IRRIGATION DESCRIPTION.



DEWEY

SITE PLAN NORTH
1" = 20'-0"

H. PAULMANN
L.S. #1311

HAJAF PAULMANN
LANDSCAPE ARCHITECT
322 STANFORD DRIVE
CLAYTON, CALIFORNIA 94711
TELE. (415) 474-1184

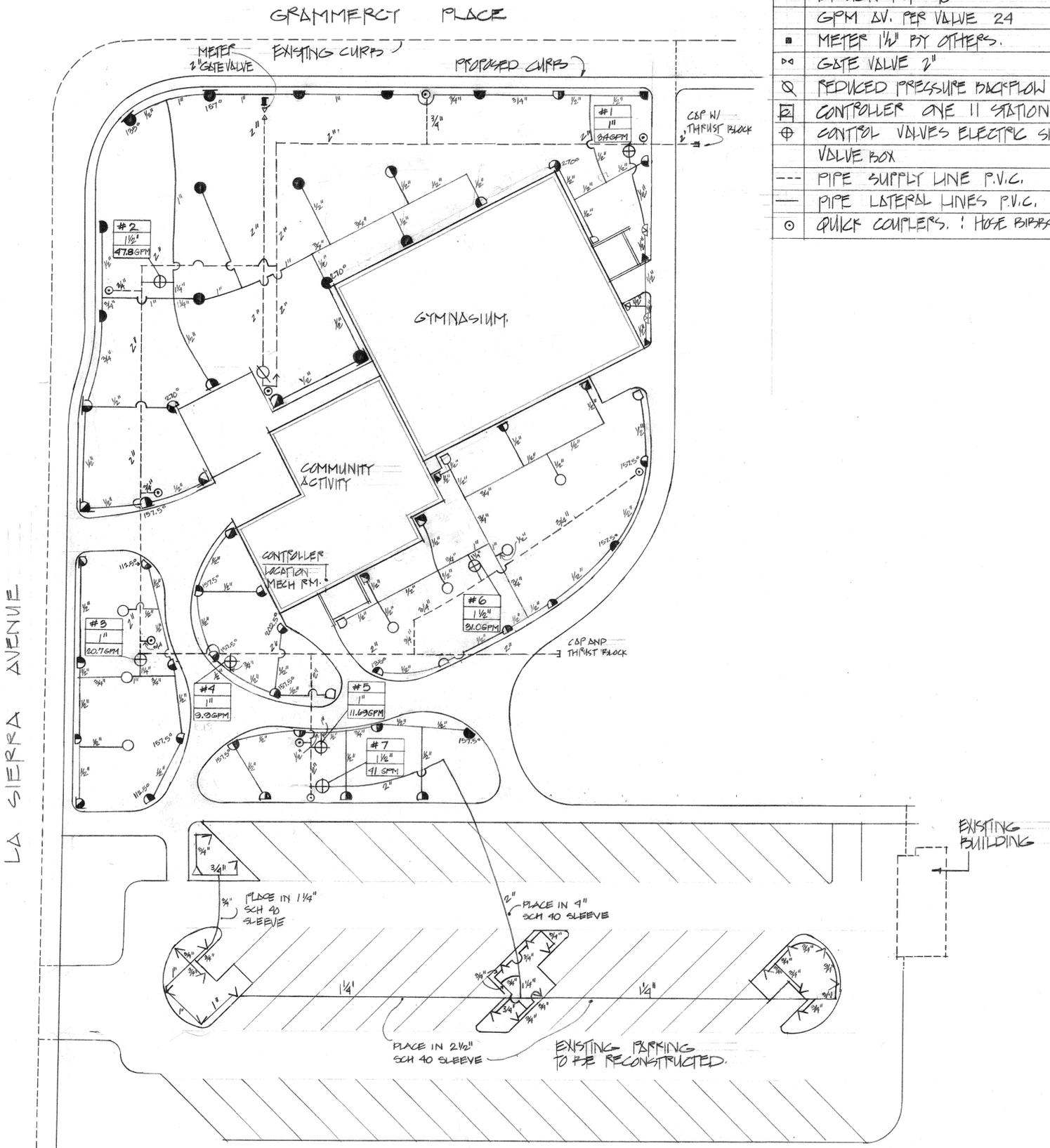
NICHOLS PARK
IRRIGATION PLAN

PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
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E. WARREN BRUCE
ARCHITECT
6370 MAGNOLIA AVE.
RIVERSIDE, CALIF.
TELE. (714) 781-9764
A.I.A.



SYM	IRIGATION
	STATIC PSI MAX. 122 LB.
	DESIGN PSI 90
	GPM ΔV. PER VALVE 24
■	METER 1 1/2" BY OTHERS.
⊗	GATE VALVE 2"
⊘	REDUCED PRESSURE BACKFLOW 2"
⊠	CONTROLLER ONE II STATION ELECTRIC.
⊕	CONTROL VALVES ELECTRIC SIZE AS NOTED.
	VALVE BOX
---	PIPE SUPPLY LINE P.V.C.
---	PIPE LATERAL LINES P.V.C.
○	QUICK COUPLERS. 1 HOSE BIPASS.

SYM	IRIGATION SPRAY	PSI	GPM	RADIUS	ARC.
○	803-00-01 STREAM ROTOR POP	50	3.41	13	360°
□	808-00-01 " " "	50	1.67	13	180°
◇	804-00-01 " " "	50	.89	13	90°
●	816-00-02 " " "	50	3.41	24	360°
▲	808-00-02 " " "	50	1.67	24	180°
■	804-00-02 " " "	50	.89	24	90°
●	816-00-03 " " "	50	3.23	30	360°
▲	808-00-03 " " "	50	1.66	30	180°
■	804-00-03 " " "	50	.76	30	90°
●	812-00-02 " " "	50	2.22	24	270°
▲	812-00-03 " " "	50	2.31	30	270°
◇	570P-10-HLA POP SPRAY HEAD	20	.9	10	180°
□	570P-10-QLA " " "	20	.4	10	90°
▲	570P-9'-EST " " "	30	.6	4 x 15	STRIP
▽	570S-15'-H SHRUB HEAD	30	2.0	15	
▽	570S-15'-Q " " "	30	1.0	15	

H. BAUMGARDNER #1511
LANDSCAPE ARCHITECT

E. WARREN BRUCE
ARCHITECT
8370 WASHINGTON BLVD.
LOS ANGELES, CALIF. 90045
TELE. (213) 781-9764

HOWARD BAUMGARDNER, AILA
LANDSCAPE ARCHITECT
322 STANFORD DRIVE
CLAYMONT, CALIFORNIA
TELE. (714) 684-1184

LA SIERRA PARK
IRRIGATION PLAN

PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF SIVERSIDE
PARK AND RECREATION DEPARTMENT.

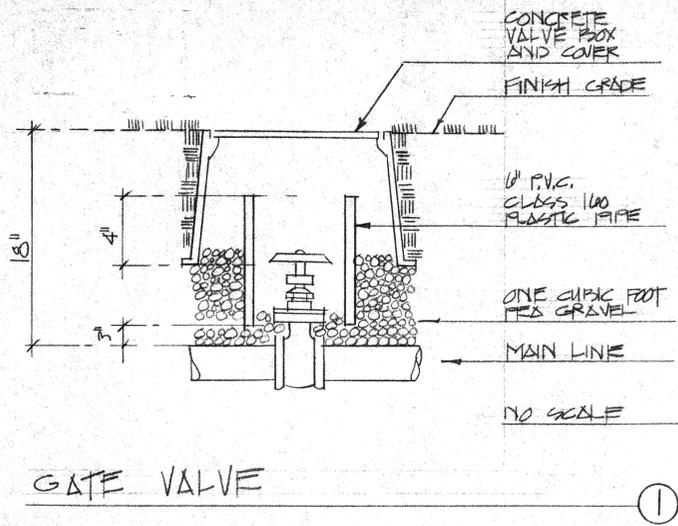
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OF 4 SHEETS
OF 38

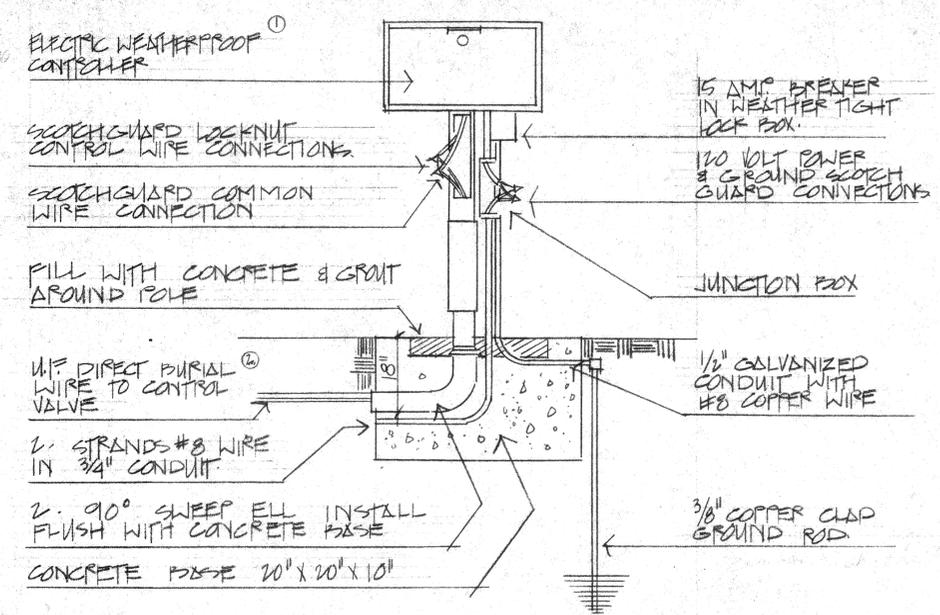
SITE PLAN



SECOND REVISION JAN. 5, 1978 BY HELEN HAKE

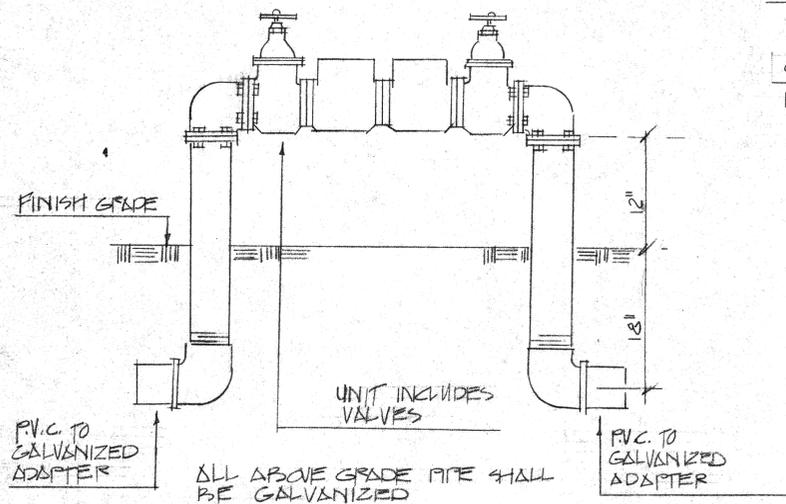


GATE VALVE

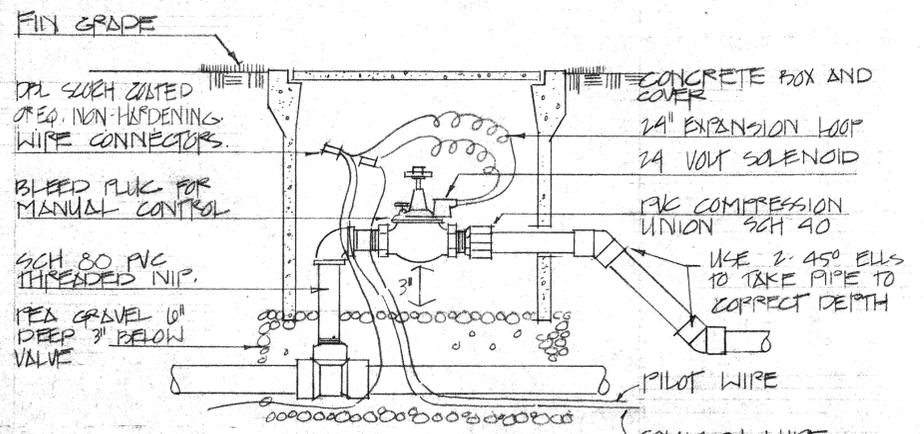


CONTROLLER DETAIL

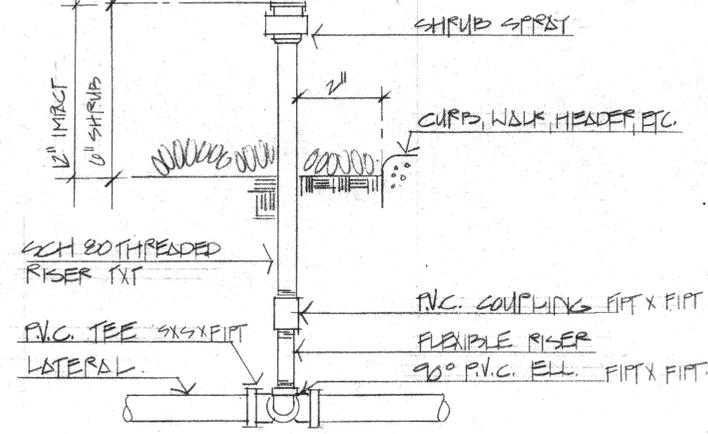
- NOTES:
1. CONTROLLER AT FEID AND LA SIERRA PARK TO BE LOCATED IN MECH RM. NICHOLS PARK NO CONTROLLER FEID.
 2. TAPE WIRE TO BOTTOM OF PIPE RUN.



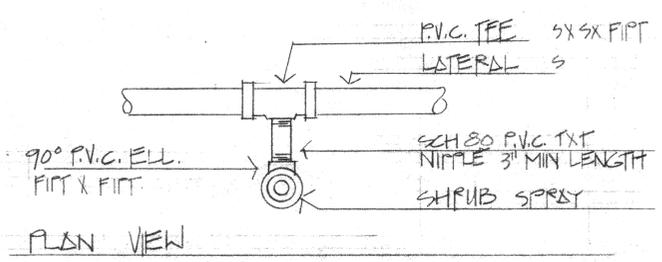
REDUCED PRESSURE BACKFLOW



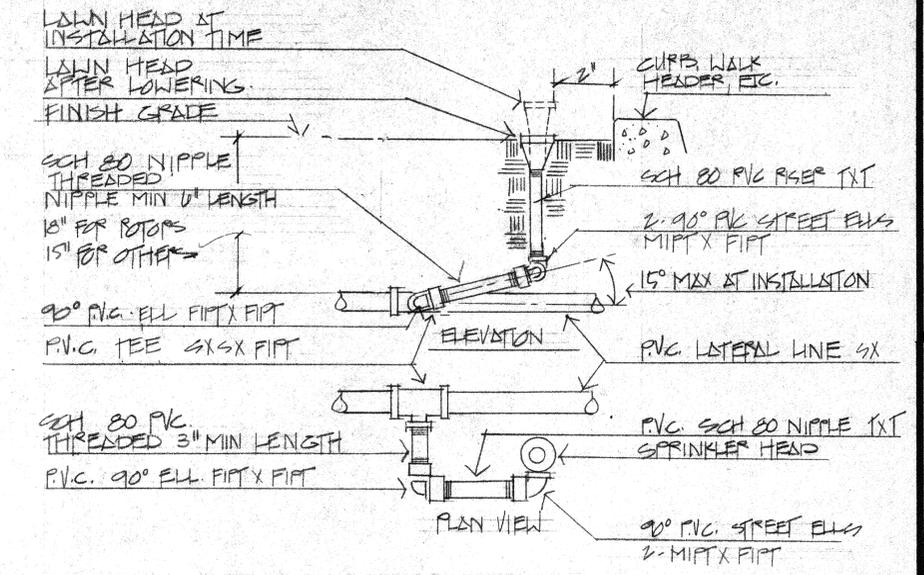
REMOTE CONTROL VALVE WITH CONCRETE VALVE BOX



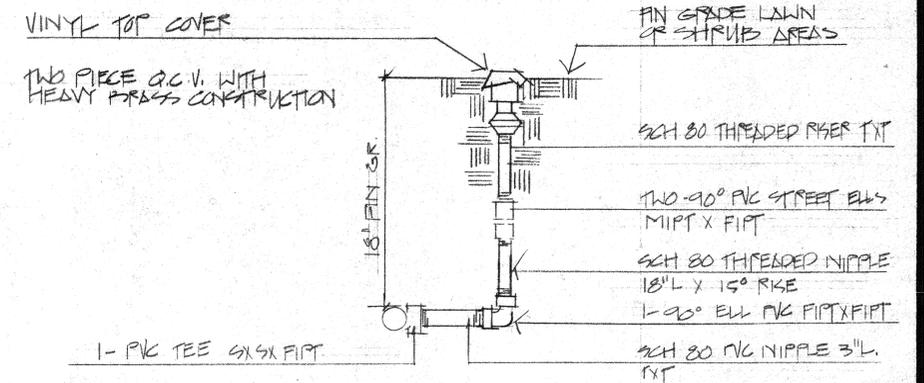
ELEVATION



SHRUB SPRAY HEAD DETAIL

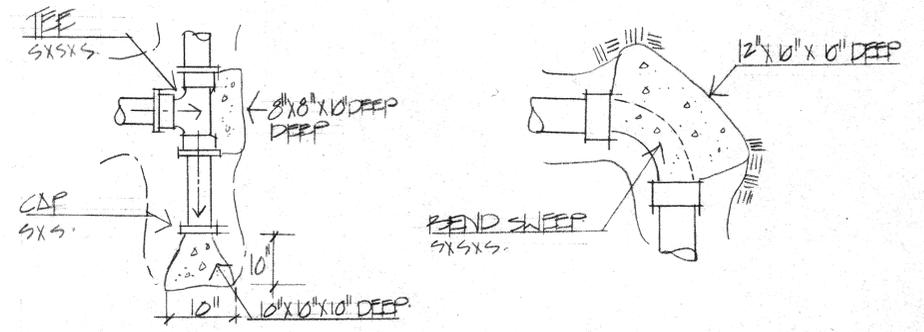


TYPICAL TURF HEAD



QUICK COUPLER VALVE

FOR COMPLETE TRIPLE SWING JOINT ASSEMBLY SEE NO. 6 ABOVE



CONCRETE THRUST BLOCK

E. WARREN BRUCE
ARCHITECT
6370 MAGNOLIA AVE.
CLAREMONT, CALIFORNIA 91711
TELE. (714) 781-5764

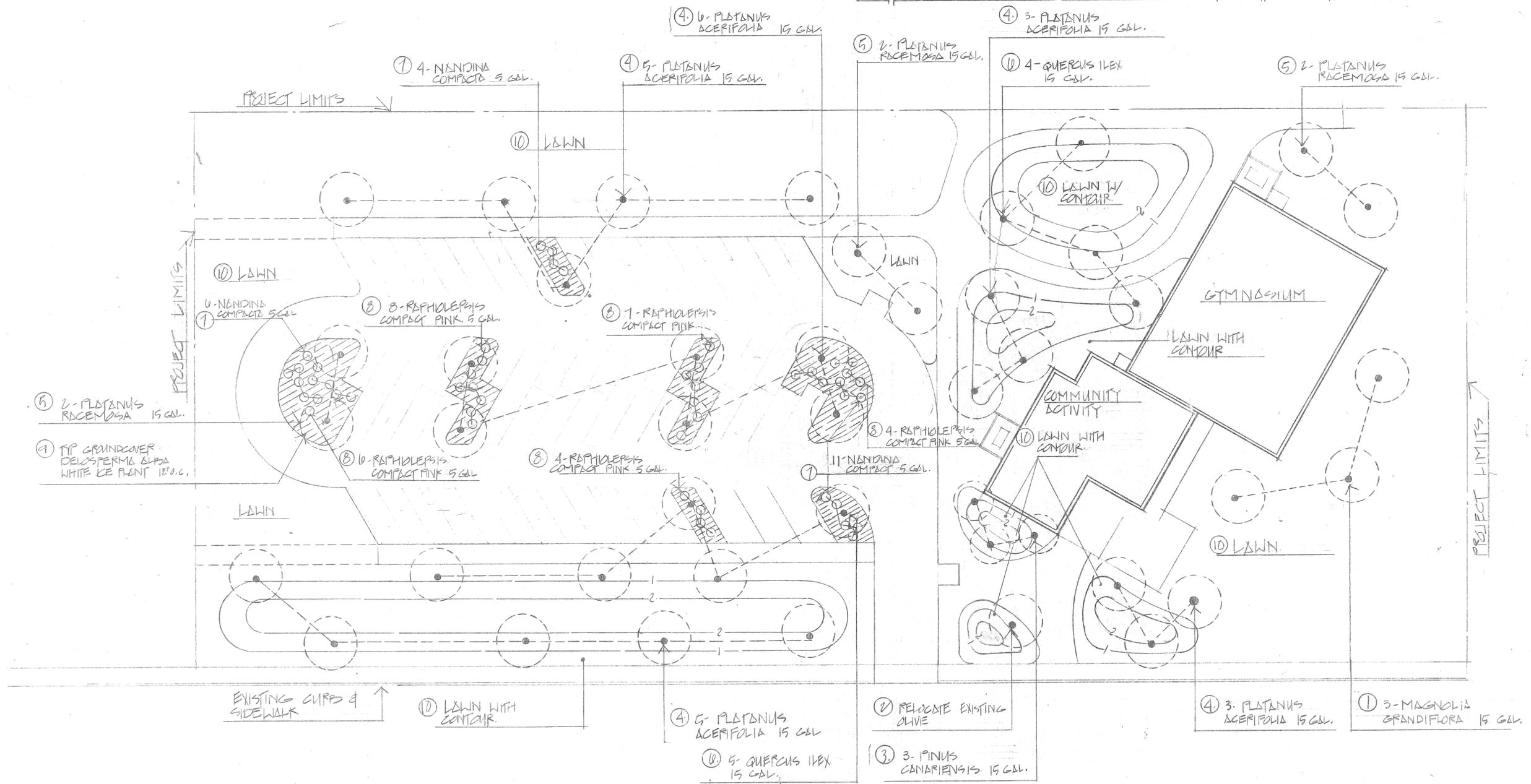
WARD PAUMGARTEN, AIA
LANDSCAPE ARCHITECT
332 STANFORD DRIVE
CLAREMONT, CALIFORNIA 91711
714 464-1184

IRRIGATION
DETAILS

PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE
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JOB 76202

PLANTING LIST					
NO.	BOTANICAL NAME	COMMON NAME	QUAN	SIZE	REMARKS
TREES					
1.	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	3	15 GAL	STAKE
2.	OLIVE EUROPEA	OLIVE	1	EXISTING	STAKE : TO BE RELOCATED
3.	PINUS CANARIENSIS	CANARY ISLAND PINE	3	15 GAL	STAKE
4.	PLATANUS ACERIFOLIA	LONDON PLANE	22	15 GAL	STAKE
5.	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	6	15 GAL	STAKE
6.	QUERCUS ILEX	HOLLY OAK	9	15 GAL	STAKE
SHRUBS					
1.	NANDINA D. COMPACTA	COMPACT NANDINA	21	5 GAL	
8.	RAPHIOLEPIS INDICUS	COMPACT ROSE PINK	29	5 GAL	
GROUNDCOVER					
9.	DELOSPERMA ALBA	WHITE ICE PLANT	3,234	PLANTS	12" O.C. / FLAT
10.	LAWN	SPEED AND MULCH			52,233 SQ FT
SOIL FOR CONTOURS.			100	CU. YDS.	



SITE PLAN
1" = 20'-0"

E. WARREN BRUCE
 ARCHITECT
 6370 MAGNOLIA AVE.
 RIVERSIDE, CALIF.
 TELE. (714) 781-9764
 A.I.A.

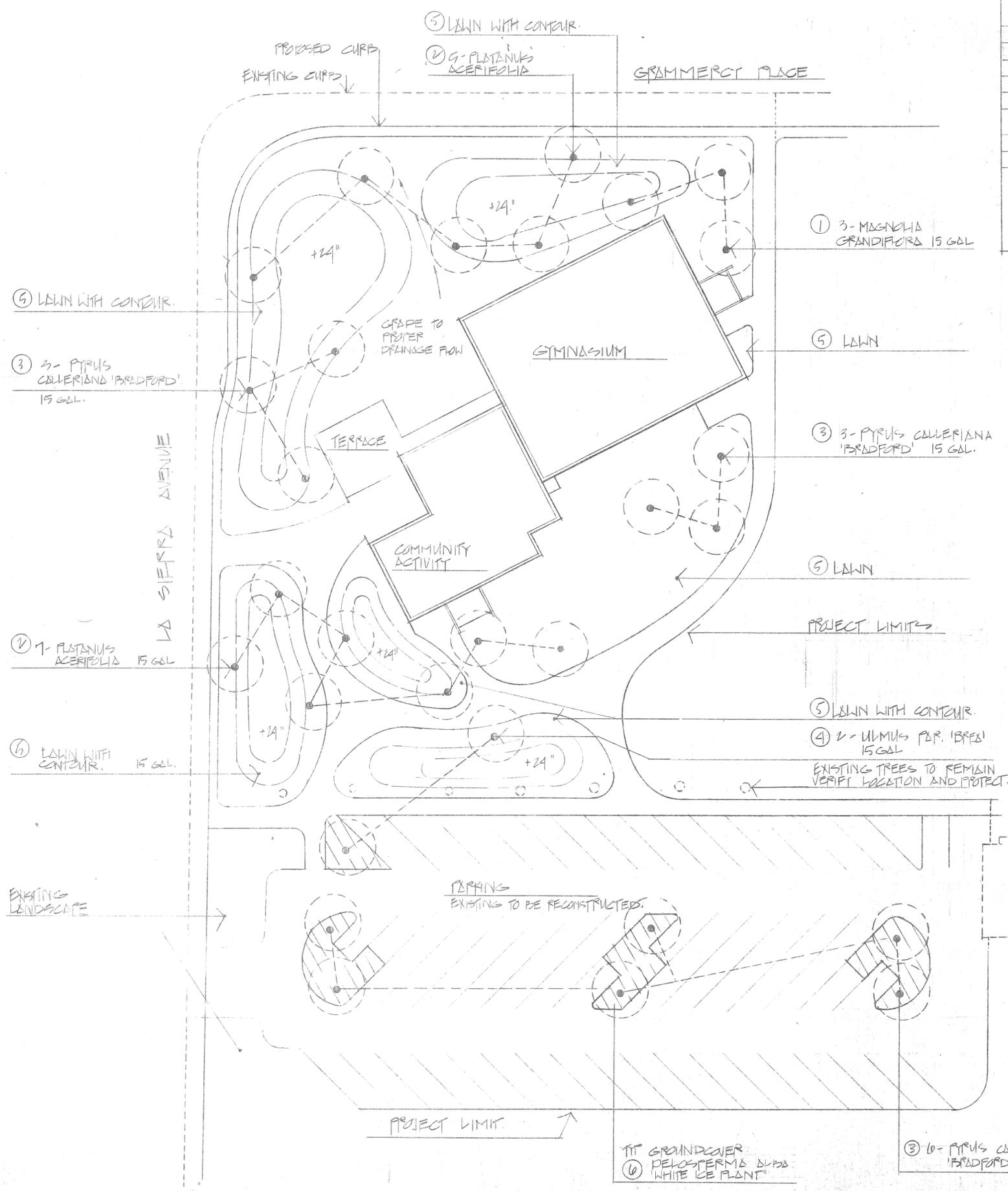
HANAD BAHIGARIN, A.I.A.
 LANDSCAPE ARCHITECT
 332 STANFORD DRIVE
 CHASEVON, CALIFORNIA 91711
 TEL. (714) 474-1184

NICHOLS PARK
 COMMUNITY RECREATION CENTER
 PLANTING PLAN

CITY OF RIVERSIDE
 PARK AND RECREATION DEPARTMENT

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JOB NO.	76202

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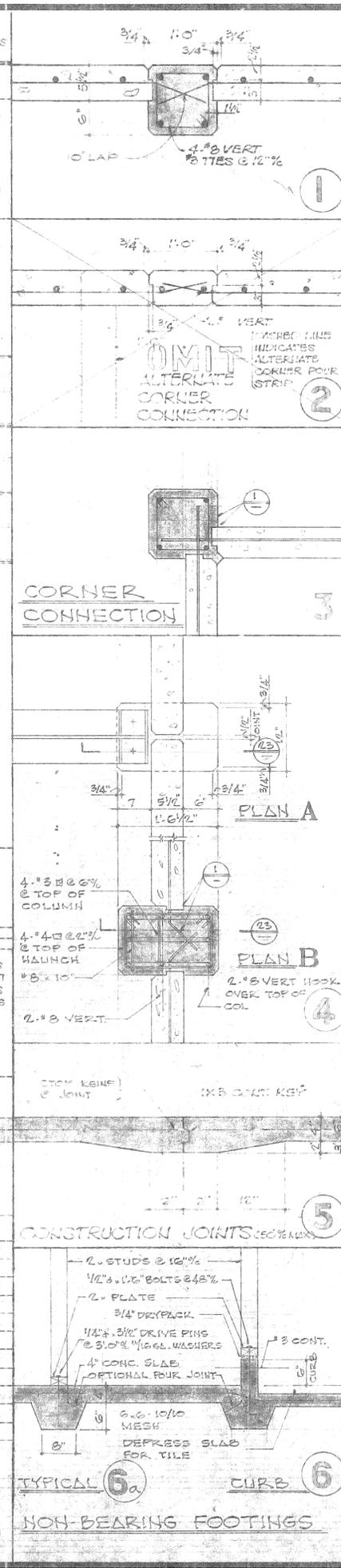
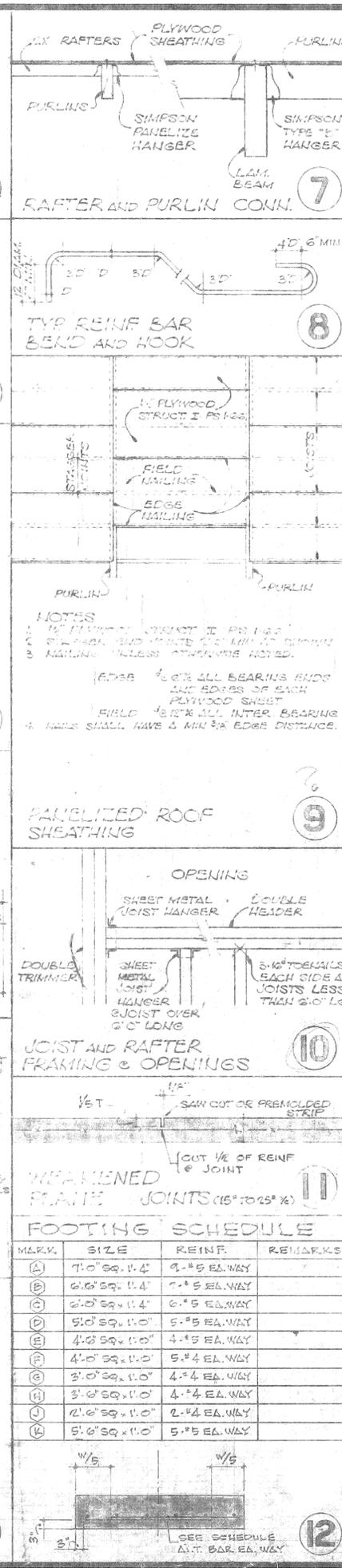
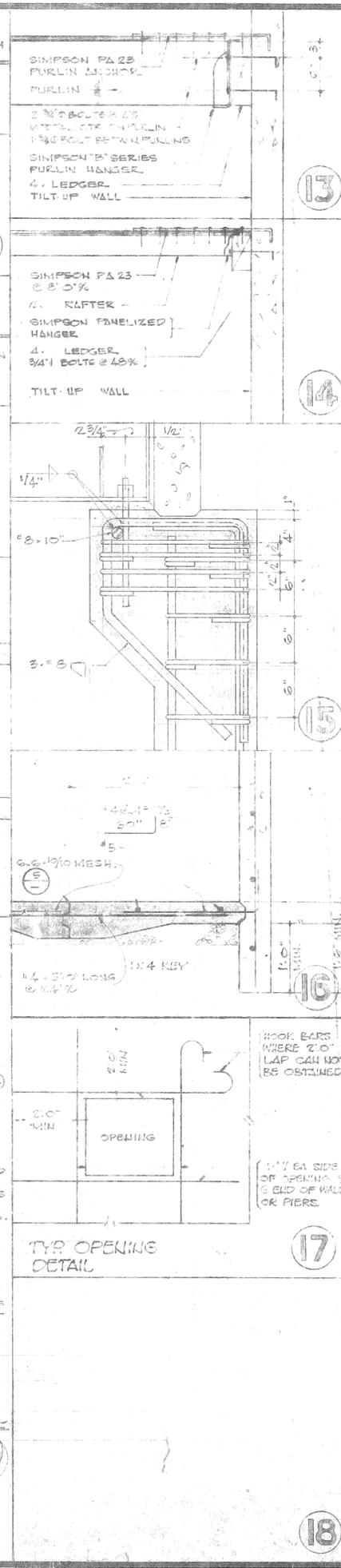
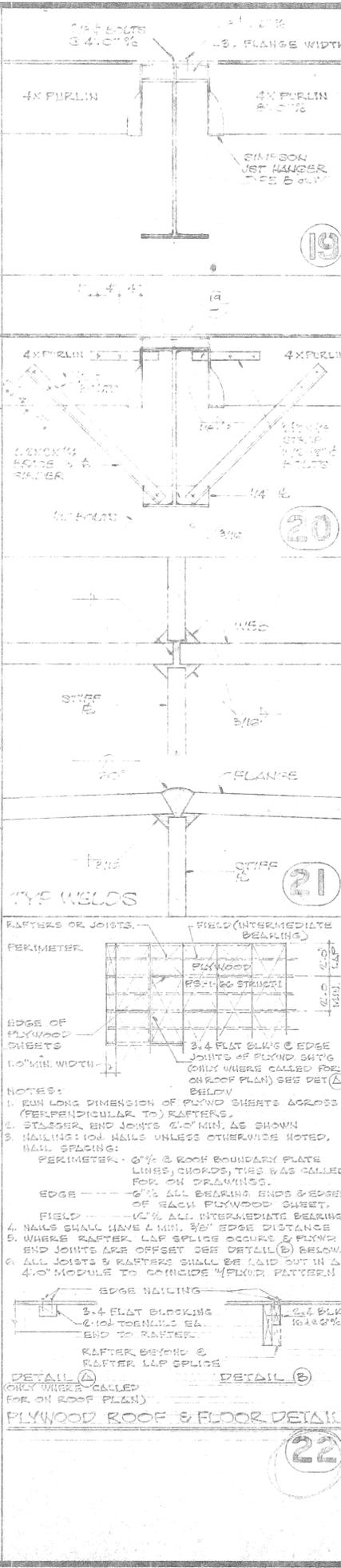
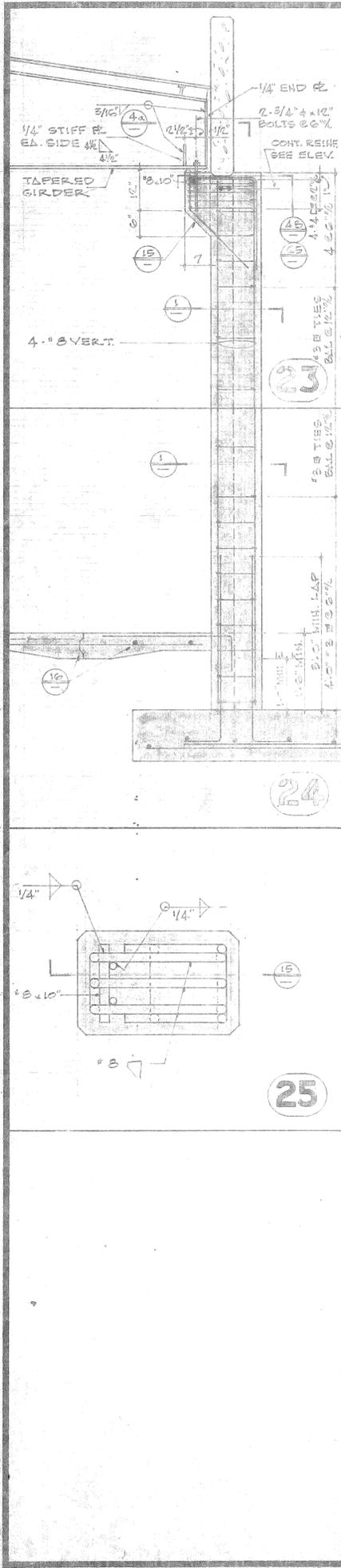


PLANTING LIST				
NO.	PROTINICAL NAME	COMMON NAME	QUAN	SIZE
TREES				
1	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	3	15 GAL
2	PLATANUS ACERIFOLIA	LONDON PLANE	12	15 GAL
3	PYRUS CALLERIANA 'BRADFORD'	BRADFORD PEAR	12	15 GAL
4	ULMUS PARVIFOLIA 'BREA'	BREA EVERGREEN ELM	2	15 GAL
GROUNDCOVER				
5	LAWN SEED AND MULCH	SEE WRITTEN SPECIF		SEED 20,500 SQ. FT.
6	DELOSPERMA ALBA	WHITE ICE PLANT	1,100	PLANTS 12" SPACING/FLAT
			580	CUBIC
NOTE: SOIL FOR CONTAINING				

PROJECT: COMMUNITY RECREATION CENTER
 CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT
 DATE: NOV. 30, 1977
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 JOB 70202
L-3
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LA SIERRA PARK
 PLANTING PLAN
 H. PRUMMERT, L.A. DIST.
 HOWARD PAUMGARTEN, AILA
 LANDSCAPE ARCHITECT
 332 STANFORD DRIVE
 CLAREMONT, CALIFORNIA
 TEL: 941-1184

E. WARREN BRUCE
 ARCHITECT
 930 MAGNOLIA AVE.
 CLAREMONT, CALIF.
 TELE: (915) 781-9764
 A.I.A.



GENERAL NOTES

GENERAL:

- THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE ARCHITECT OR ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES.
- ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO THE "UNIFORM BUILDING CODE" LATEST EDITION.

SOIL:

- CHARACTER OF FOUNDATION SOIL: SILT SAND
- SOIL BEARING VALUE: 1000 PSF
- SOIL REPORT BY PAC. FDN. ENGRS. RED PARK PFE 7123
LA SIERRA PARK PFE 7124
NICHOLS PARK PFE 7125

LUMBER:

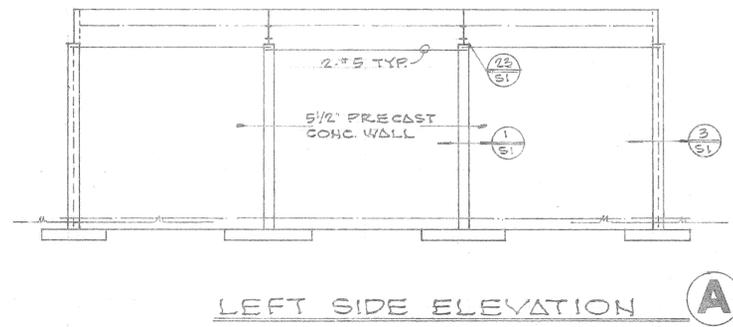
- ALL STRUCTURAL LUMBER SHALL BE CONGLAS FIR OF THE FOLLOWING GRADES UNLESS NOTED:
2" x 4" & 2" x 6" - 1000 PSI
2" x 8" & 2" x 10" - 1200 PSI
2" x 12" - 1500 PSI
4" x 4" - 1500 PSI
4" x 6" - 1500 PSI
4" x 8" - 1500 PSI
4" x 10" - 1500 PSI
4" x 12" - 1500 PSI
6" x 6" - 1500 PSI
6" x 8" - 1500 PSI
6" x 10" - 1500 PSI
6" x 12" - 1500 PSI
8" x 8" - 1500 PSI
8" x 10" - 1500 PSI
8" x 12" - 1500 PSI
10" x 10" - 1500 PSI
10" x 12" - 1500 PSI
12" x 12" - 1500 PSI
- PLYWOOD SHEATHING - STRUCTURAL - I
- ALL STRUCTURAL LUMBER SHALL BE GRADED IN ACCORDANCE WITH SPECIFICATIONS AND DESIGN RULES TO THE WEST COAST LUMBERMAN'S ASSOCIATION.
- ALL LUMBER BEARING ON WALLS OR JOISTS SHALL BE PRESSURE TREATED DOUGLAS FIR.
- STRUCTURAL MEMBERS SHALL NOT BE CUT FOR PIPE ETC. UNLESS SPECIFICALLY DETAIL OR NOTED.
- SOLID BLOCKING SHALL BE PLACED BETWEEN JOISTS OR RAFTERS AT ALL SUPPORTS.
- HOLDERS FOR BOLTS SHALL BE BORED NOT 1/2" LARGER THAN THE NOMINAL BOLT DIAMETER.
- ALL BOLTS SHALL BE RE-TIGHTENED PRIOR TO THE APPLICATION OF PLASTER, PLYWOOD ETC.
- CROSS BRACING SHALL BE PROVIDED AT 8'-0" MAX PER ALL JOIST AND RAFTERS MORE THAN 8' IN DEPTH USE 2x4 OR APPROVED TYPE OF METAL BRACING.
- PROVIDE 1x6 DIM. LET-IN BRACING (SAFETY) FROM EVERY 12'-0" IN ALL STUD WALLS NOT SHEATHED. GRADE SHALL RUN OUT FROM TOP PLATE TO CHILL PLATE.
- PLYWOOD USED ON ROOFS AND SHEAR WALLS TO BE GRADE MARKED STRUCTURAL I PS 1-00.

CONCRETE:

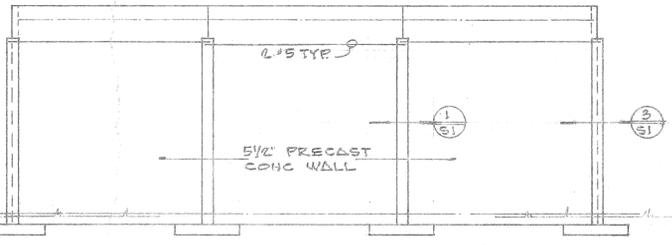
- CONCRETE SHALL CONTAIN A MIN. OF 5 BAGS OF CEMENT AND A MAX. OF 1/2 GALS OF WATER PER CUBIC YARD.
- ALL CONCRETE SHALL HAVE THE FOLLOWING MIN. 28 DAY COMP. STRENGTH:
TILT-UP WALLS - 2500 PSI
FOOTINGS AND SLAB ON GRADE - 2500 PSI
ALL OTHER CONCRETE - 1500 PSI
* NO SPECIAL INSPECTION REQUIRED, COMP. PSI. USE IN DESIGN CALCULATIONS.
- REINFORCING STEEL SHALL HAVE THE FOLLOWING MIN. PROTECTIVE COVERING OF CONCRETE:
BELOW GRADE UNFORMED - 2" CLEAR
BELOW GRADE FORMED - 1" CLEAR
WALLS - 1" CLEAR
COLUMNS - 1 1/2" CLEAR
STRUCT. SLABS (ABOVE GRADE) - 3/4" CLEAR
BEAMS AND GIRDERS - 1 1/2" CLEAR
- MINIMUM REINFORCING LAP SPICE SHALL BE 32 DIA.
- ANCHOR BOLTS, DOVELS, INSERTS ETC. SHALL BE TIED IN PLACE BEFORE CONCRETE IS POURED.
- NO PIPES OR DUCTS SHALL BE PLACED IN CONCRETE SLABS OR WALLS UNLESS SPECIFICALLY DETAILED.
- REIN. SHALL CONFORM TO:
#7 AND LARGER - GRADE 60
#6 AND SMALLER - GRADE 40

STEEL

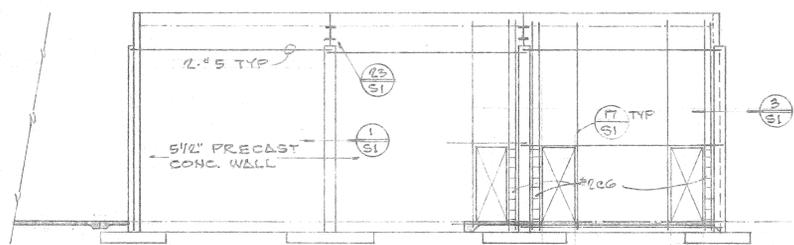
- STEEL SHALL CONFORM TO THE FOLLOWING MINIMUM REQUIREMENTS:
STRUCT. SHAPES & PLATS - A.S.T.M. A 36
PIPE COLS. - A.S.T.M. A 53 GRADE B (20,000 PSI)
STEEL TUBE - A.S.T.M. A 501
STEEL DECK - A.S.T.M. A 245 GRADE C (20,000 PSI)
BOLTS - A.S.T.M. A 308



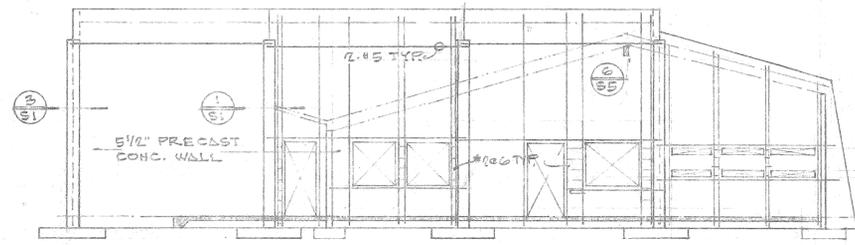
LEFT SIDE ELEVATION (A)



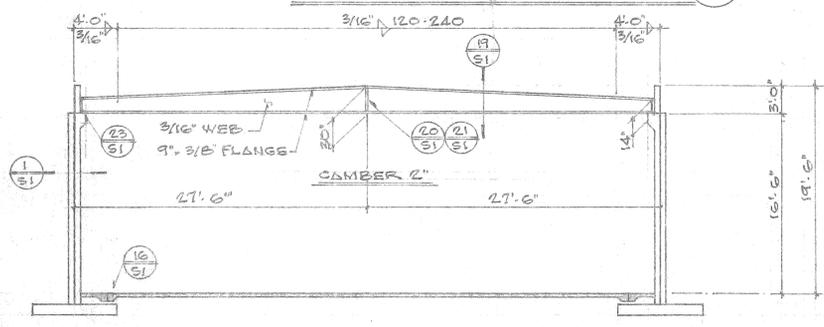
REAR ELEVATION (B)



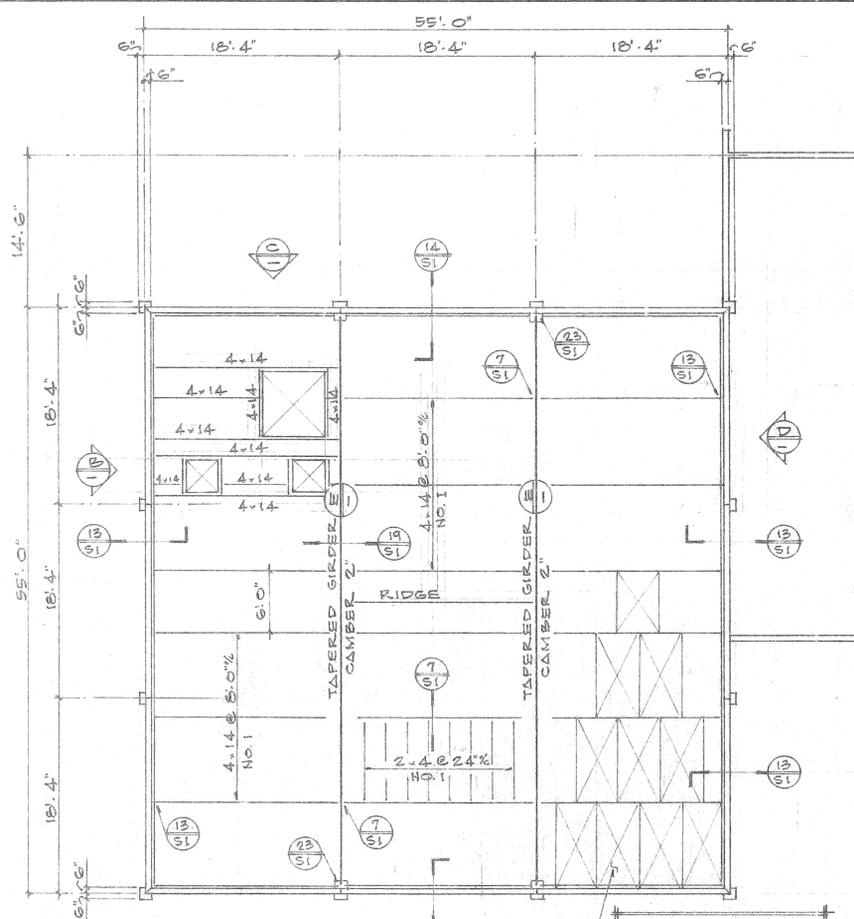
RIGHT SIDE ELEVATION (C)



FRONT ELEVATION (D)

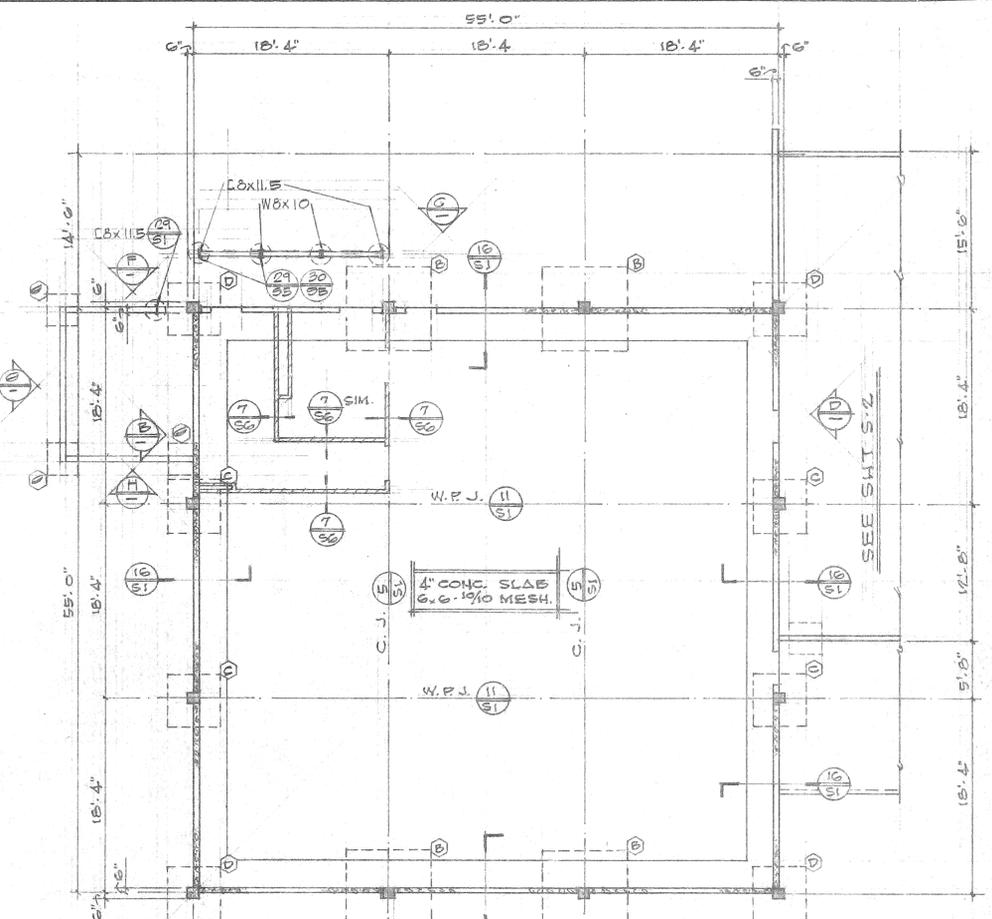


TAPERED GIRDER ELEVATION (E)

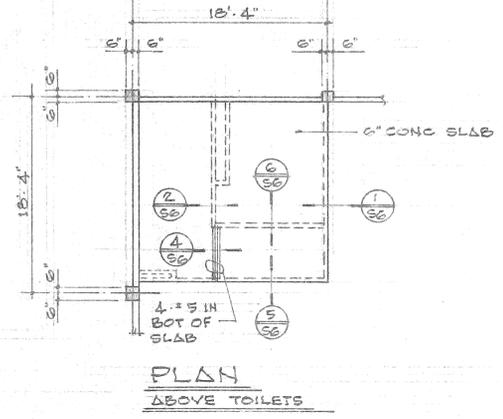
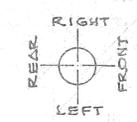


ROOF FRAMING PLAN 1/8" = 1'-0"

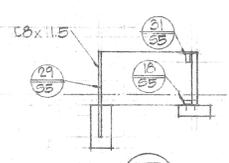
NOTE:
TYPICAL WALL REINF.
FOR PRECAST PANELS
UNLESS NOTED OTHERWISE
#4 @ 14" VERT.
#4 @ 14" HORIZ.



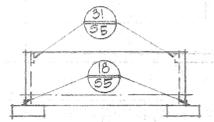
FOUNDATION PLAN 1/8" = 1'-0"



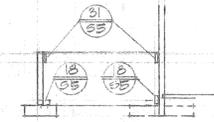
PLAN ABOVE TOILETS



(F)



(G)



(H)

#31-151

E. WARREN BRUCE
ARCHITECT
3307 WASHINGTON AVE.
LOS ANGELES, CALIF. 90018
TELE. (714) 781-5764

JOHNSON & NIELSEN ASSOCIATES
CONSULTING STRUCTURAL ENGINEERS
410 ORANGE STREET (714) 886-5122
RIVERSIDE, CALIFORNIA 92501

MULTI PURPOSE ROOM
FOUNDATION & ROOF PLANS
ELEVATIONS & SECTIONS

COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE: NOV. 30, 1977
DRAWN:
CHECKED:
REVISED:
JOB: 71202
S-4
OF 6 SHEETS

MECHANICAL EQUIPMENT SCHEDULE

AIR HANDLING UNITS																				
NO.	LOCATION	BLOWER			MOTOR			COOLING COIL					FILTERS		OPER. WT.	MFG. & MODEL				
		CFM	T.S.P.	RPM	HP	V	φ	F.A.	R	W	FINS	F.V.	AIR P.D.	ENT. DB			ENT. WB	L.V.G. DB	L.V.G. WB	QUAN.
AH 1	MECH. EQUIP. RM OFFICE/CRAFTS	3400	2.5	2198	3	208	3	8-1	5	8	420	4"	79	64	55	52.3	2	20" x 20" x 2"	1800	"PAGE" #AH 13 B1 S-VET
AH 2	MECH. EQUIP. RM GYMNASIUM	6800	2.5	1950	5			12-0	5	10	523	5"	79	64	55	53-1	9	20" x 20" x 2"	1300	"PAGE" #A12-16 B1-DT
AH 3	MECH. EQUIP. RM MULTI-PURPOSE	4400	2.5	1925	5			8-1	6	8	543	6.5"	79	64	55-2	51-6	2	20" x 20" x 2"	950	"PAGE" #A15-19 B1-DT

ELECTRIC DUCT HEATERS									
NO.	LOCATION	CFM	SIZE	KW	V	φ	MFG. & MODEL		
EDH 1	AH 1 ZONE #1	800	12x12	2.5	208	3	"BIRASCH"		
EDH 2	" " #2	580	12x12	1.0					
EDH 3	" " #3	1300	24x12	2.5					
EDH 4	" " #4	720	12x12	2.0					
EDH 5	AH 2	6800	42x30	17.0					
EDH 6	AH 3	4400	32x26	10.0					

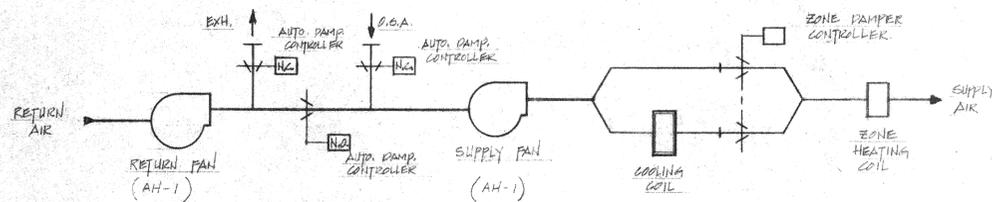
NOTE: HEATERS 1-4 SHALL HAVE 1 STEP OF CONTROL.
HEATERS 5 & 6 SHALL HAVE 2 STEPS OF CONTROL.

MECHANICAL LEGEND		
SYMBOL	ABBREV.	DESCRIPTION
—○—	T.R.	SIDEWALL SUPPLY/RETURN REGISTER
—○—	C.D.	CEILING DIFFUSER
—○—	C.R.	CEILING RETURN
—○—	A.C.D.	AUTOMATIC CONTROL DAMPER
—+—		DOOR LOUVER BY GEN. CONTRACTOR
—w—		FLEXIBLE DUCT
⊕		THERMOSTAT
— —	M.V.D.	MANUAL VOLUME/BALANCE DAMPER
— —	F.D.	FIRE DAMPER

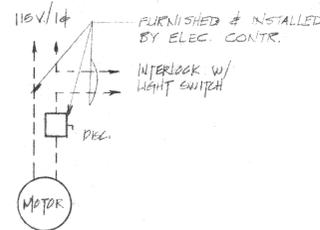
AIR COOLED CONDENSING UNITS													
NO.	LOCATION	CUMPR				COND.		CAPACITY			OPER. WT.	MFG. & MODEL	
		QUAN.	F	LRA	V	φ	QUAN.	HP	T	NS			BTU
ACC 1	OUTDOOR OFFICE/CRAFTS	1	39-8	177	208	3	2	1/2	9-8	118,200	98°	660	"WESTINGHOUSE" #ER-010
ACC 2	OUTDOOR GYMNASIUM	1	98-7	268			4	1/2	18-4	221,300	98°	1330	"WESTINGHOUSE" #SR-020
ACC 3	OUTDOOR MULTI-PURPOSE	1	74-0	306			4	1/2	13-4	160,800	98°	1230	"WESTINGHOUSE" #SR-015

EXHAUST FANS										
NO.	LOCATION	CFM	S.P.	RPM	T.S.	MOTOR			OPER. WT.	MFG. & MODEL
						HP	V	φ		
EF 1	WOMEN TOILET	175	.25"	1550		1/65	115	1		"ACME" #V-2 "MASTERETTE"
EF 2	MEN TOILET	175	.25"	1550		1/65				#V-2 "
EF 3	MEN TOILET	240	.375"	1435	3864	1/22			25	#PR-75
EF 4	WOMEN TOILET									#PR-75
EF 5	MEN TOILET									#PR-75
EF 6	WOMEN TOILET									#PR-75

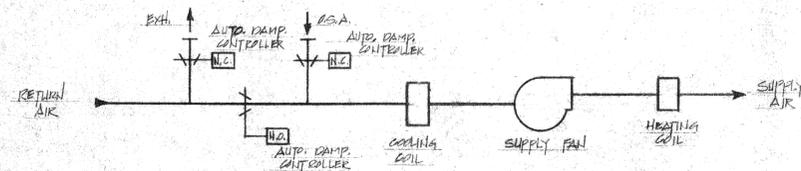
VENTILATORS						
NO.	LOCATION	CFM	S.P.	SIZE	USE	MFG. & MODEL
V 1	ROOF	6800	.2"	36x24	EXH.	"ACME" #3624 MODEL "Z"
V 2		6800	.2"	36x24	INTAKE	#3624
V 3		4400	.15"	24x24	EXH.	#2424
V 4		4400	.15"	24x24	INTAKE	#2424
V 5		2850	.10"	12x30	EXH.	#1230



A/H-1 FLOW DIAGRAM



TOILET EXHAUST WIRING DIAGRAM



A/H-2 & 3 FLOW DIAGRAM

GENERAL NOTES

- AIR DISTRIBUTION AND THERMOSTAT LOCATIONS ARE APPROXIMATE AND SHALL BE COORDINATED WITH THE ARCHITECTURAL REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS.
- ALL MISC. METAL ANGLES, BRACKETS AND SUPPORTS SHALL BE OF GALV. IRON. ALL WELDING OR BRAZING SHALL BE PAINTED OVER WITH GALVANEEL REPAIR.
- ALL SUPPLY AIR BRANCH DUCT TAKE-OFFS SHALL HAVE MANUAL BALANCE DAMPERS WITH LOCKING DEVICE.
- FLEXIBLE DUCT SHALL NOT EXCEED 12' IN LENGTH. FLEXIBLE DUCT TURNS SHALL HAVE A RADIUS OF NOT LESS THAN TWO (2) TIMES THE DUCT DIAMETER.
- ALL THERMOSTATS SHALL BE FURNISHED W/ METAL DAMPER PROOF GUARD & LOCK KITS.



E. WARREN BRUCE
ARCHITECT
6370 MAGNOLIA AVE.
SUNNYVALE, CALIF. 94086
TELE. (415) 781-5764

STUYVEN ASSOCIATES
CONSULTING MECHANICAL ENGINEERS
10851 SORRENTO VALLEY ROAD (714) 452-9500
SAN DIEGO, CALIFORNIA 92121

SCHEDULES,
CONTROLS & NOTES

PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK & RECREATION DEPARTMENT

DATE NOV. 30, 1977
DRAWN
CHECKED
REVISED APRIL 26, 1978
JOB 76202
M-1
OF 3 SHEETS
OF 38

MECHANICAL EQUIPMENT SCHEDULE

AIR H/N LIN UNIT																				
NO.	LOCATION	BLW			MOTOR			COOLING COIL				FILTERS		OP R. WT.	MFG & MODEL					
		CFM	TSP	RPM	HP	V	φ	F.A.	R	S	F.V.	AIR P.D.	ST			ENT	LO	LVO	JOB	
AH 1	MECH. EQUIP RM OFFICE/CRAFTS	3400	2.5	2188	3	208	3	6-1	5	3	420	1/4	79	64	55	523	2	20x20x9	1800	PAGE #AH 12 BISH VET
		2850	1.0	755	1													2	20x25x9	

ELECTRIC DUCT HEATER									
N.	CAT	C	L	W	V	φ	MFG & MODEL		
EDH 1	AH 1 ZONE #1	800	12x12	2.5	208	3	"BRAESCH"		
EDH 2	" #2	580	12x12	1.0					
EDH 3	" #3	1320	24x12	2.5					
EDH 4	" #4	720	12x12	2.0					

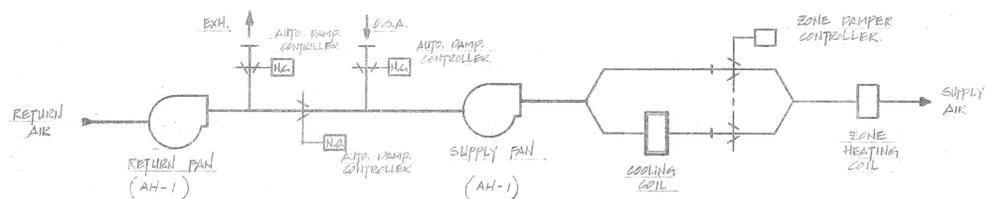
NOTE: HEATERS 1-4 SHALL HAVE 1 STEP OF CONTROL.
HEATERS 5 & 6 SHALL HAVE 2 STEPS OF CONTROL

MECHANICAL LEGEND		
SYMBOL	ABBREV.	DESCRIPTION
	T.R.	SIDEWALL SUPPLY/RETURN REGISTER
	C.D.	CEILING DIFFUSER
	C.R.	CEILING RETURN
	A.C.D.	AUTOMATIC CONTROL DAMPER
		DOOR LOUVER BY GEN. CONTRACTOR
		FLEXIBLE DUCT
		THERMOSTAT
	M.V.D.	MANUAL VOLUME/BALANCE DAMPER
	F.D.	FIRE DAMPER

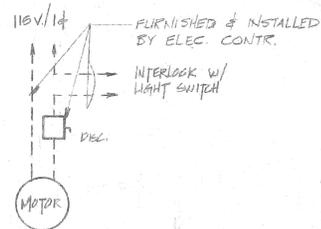
AIR COOLED CONDENSING UNITS												
NO.	LOCATION	CAPACITY			COIL	COND.	C.W. CTY	OPER. WT.	MFG. & MODEL			
		Q.A.	F.A.	LRA V								
ACC 1	OUTDOOR OFFICE/CRAFTS	1	39.8	177	208	3	2 1/2	9.8	118,200	98	660	"WESTINGHOUSE" #SR-010

EXHAUST FANS									
N.	LOCATION	CIM	S.P.	RPM	T.S.	MOTOR			MFG & MODEL
						HP	V	φ	
EF 1	WOMEN TOILET	175	.25"	1550		1/25	115	1	"ACME" #V-2 "MASTERETTE"
EF 2	MEN TOILET	175	.25"	1550		1/25			#V-2 "
EF 3	MEN TOILET	240	.375"	1485	3864	1/22		25	*PR-75
EF 4	WOMEN TOILET								*PR-75
EF 5	MEN TOILET								*PR-75
EF 6	WOMEN TOILET								*PR-75

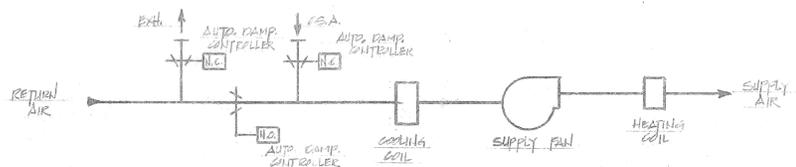
VENTILATORS						
NO.	LOCATION	FM	φ	USE	MFG & MODEL	
V 1	ROOF	6800	.2"	EXH.	"ACME" #3624 MODEL "Z"	
V 2		6800	.2"	INTAKE	#3624	
V 3		4400	.15"	EXH.	#2424	
V 4		4400	.15"	INTAKE	#2424	
V 5		2850	.10"	EXH.	#1230	



A/H-1 FLOW DIAGRAM



TOILET EXHAUST WIRING DIAGRAM



A/H-2 + 3 FLOW DIAGRAM

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(AS BUILT)



AS-BUILT

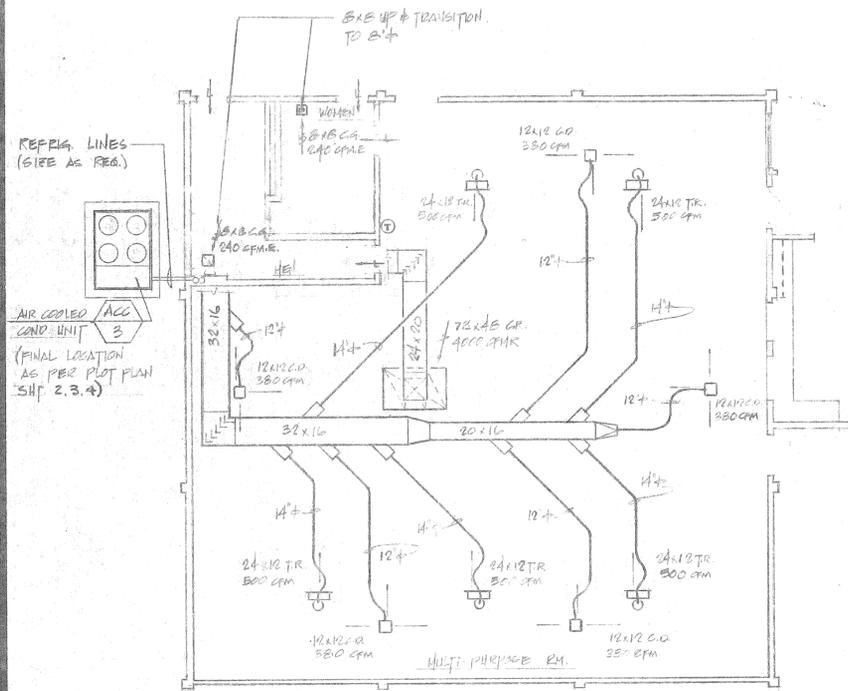
E. WARREN BRUCE
ARCHITECT
6370 MAGNOLIA AVE.
RIVERSIDE, CALIF.
TELE. (714) 781-9764

STUEVEN ASSOCIATES
CONSULTING MECHANICAL ENGINEERS
10951H SORRENTO VALLEY ROAD (714) 486-8001
SAN DIEGO, CALIFORNIA 92121

SCHEDULES,
CONTROLS & NOTES
(AS BUILT 4-9-86)

PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK & RECREATION DEPARTMENT

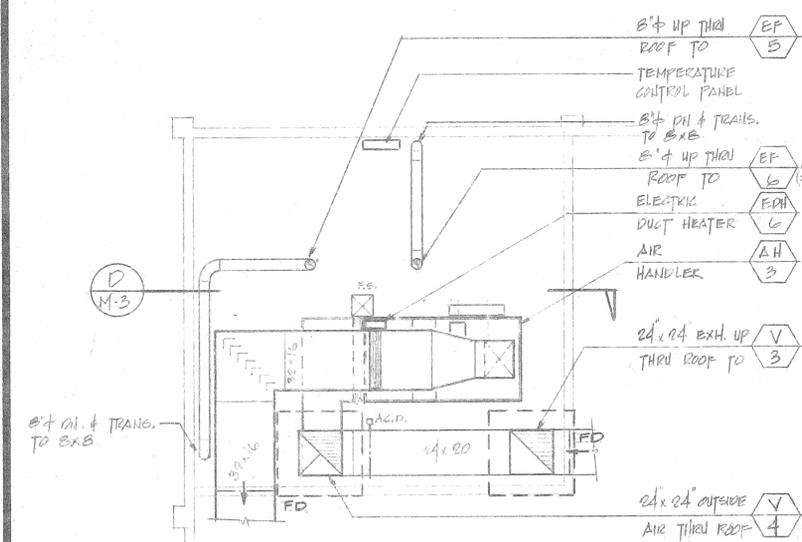
DATE NOV 28 1977
DRAWN
CHECKED
REVISED APRIL 24, 1978
JOB 72202
M-1
OF 5 SHEETS



NOT A PART OF CONTRACT

**MULTI-PURPOSE ROOM
MECHANICAL FLOOR PLAN**

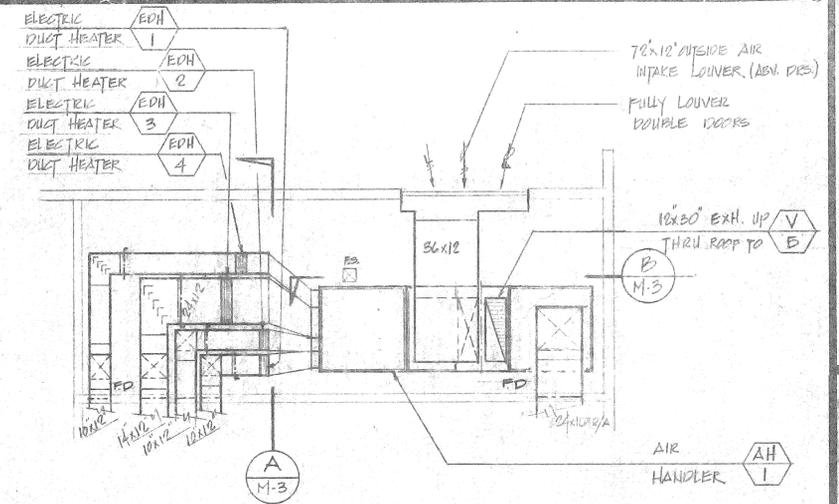
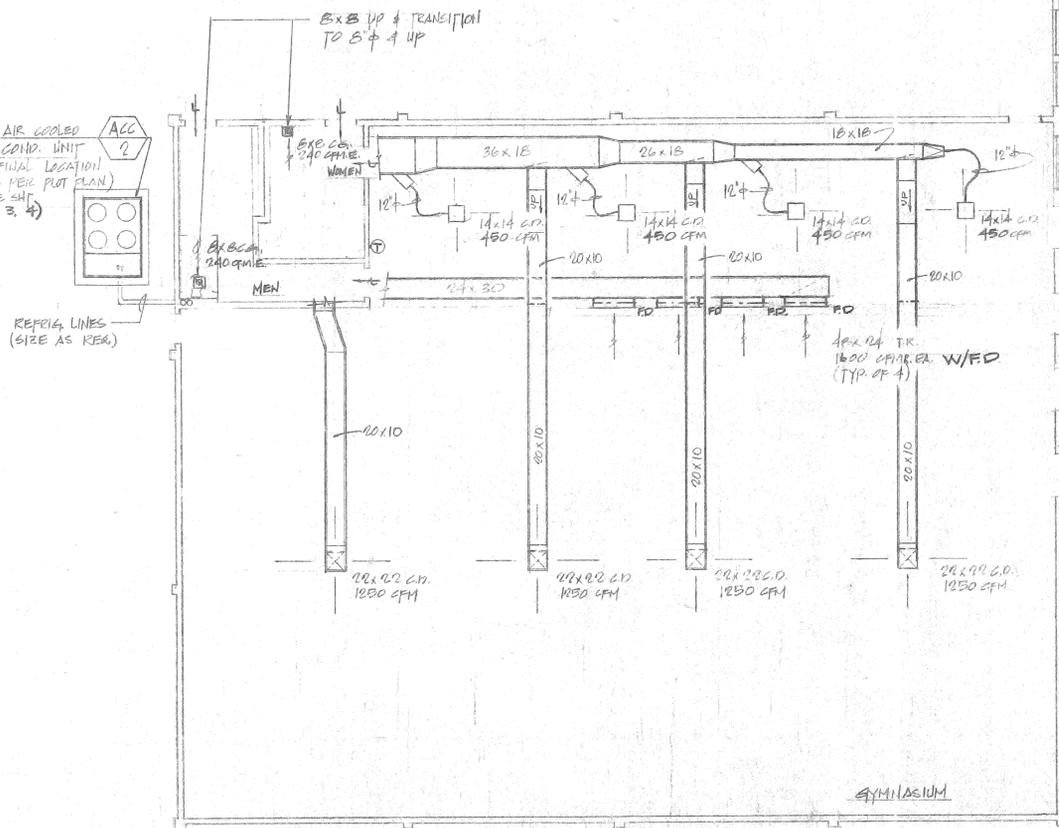
SCALE: 1/8" = 1'-0"



NOT A PART OF CONTRACT

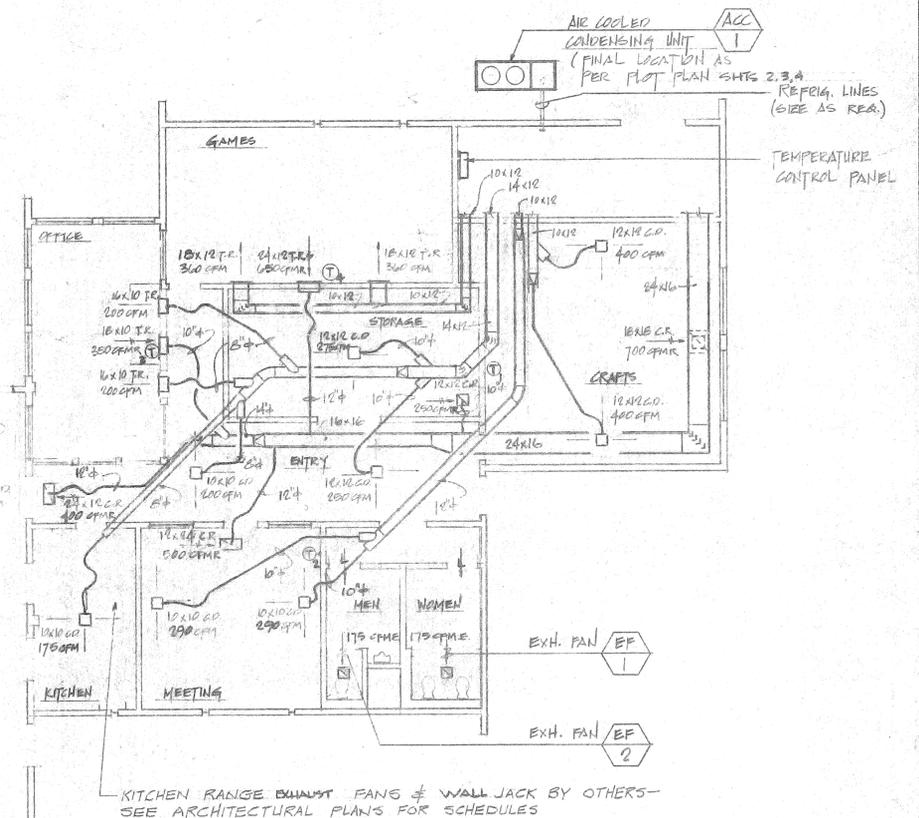
**MULTI-PURPOSE
MECHANICAL FLOOR PLAN**

SCALE: 1/4" = 1'-0"



MECHANICAL EQUIP. ROOM

SCALE: 1/4" = 1'-0"



MECHANICAL FLOOR PLAN (w/GYMNASIUM)

SCALE: 1/8" = 1'-0"

NOTE: PROVIDE FIRE DAMPERS AT ALL CEILING PENETRATION LOCATIONS.

(AS BUILT)



AS-BUILT

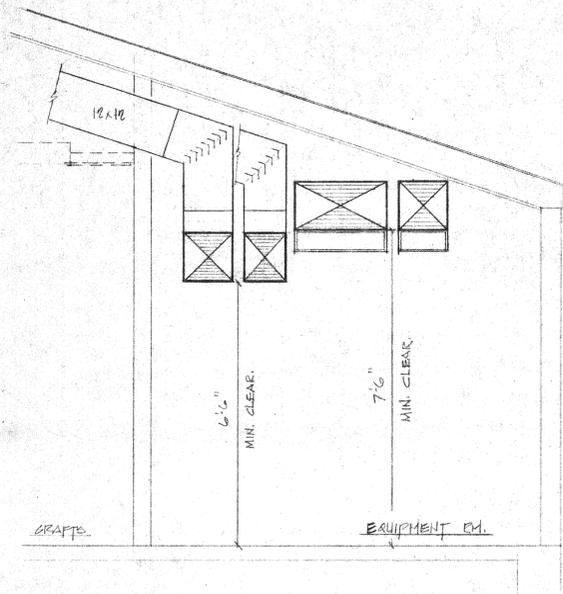
**E. WARREN BRUCE
ARCHITECT**
6370 MARSHALL AVE.
SILVER SPRING, CALIF.
TELE. (714) 781-9764

**STUEVEN ASSOCIATES
CONSULTING MECHANICAL ENGINEERS**
10511 BARRON VALLEY ROAD
SAN DIEGO, CALIFORNIA 92121
(619) 455-8800

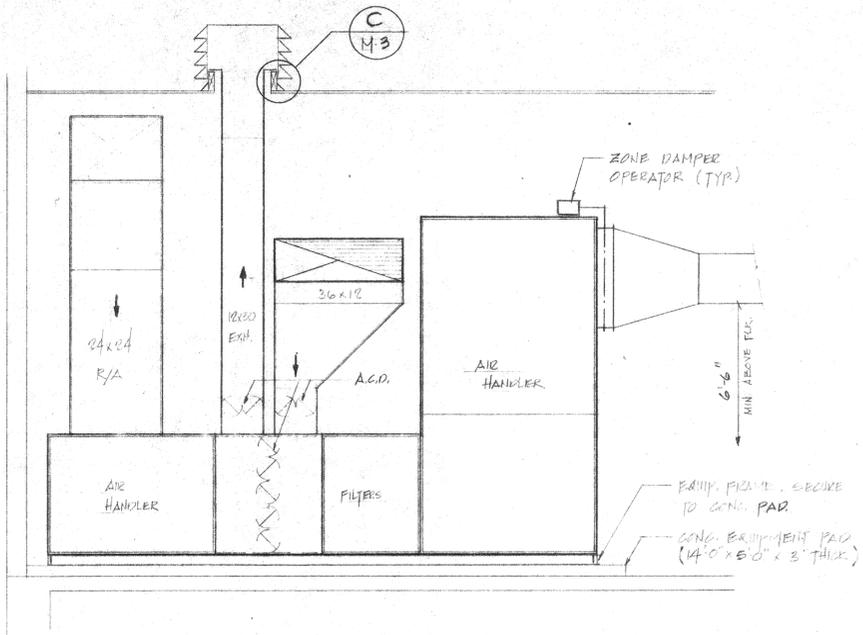
**AIR CONDITIONING
FLOOR PLAN #
EQUIP. RMS. PLANS
(AS BUILT 4-7-80)**

**PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT**

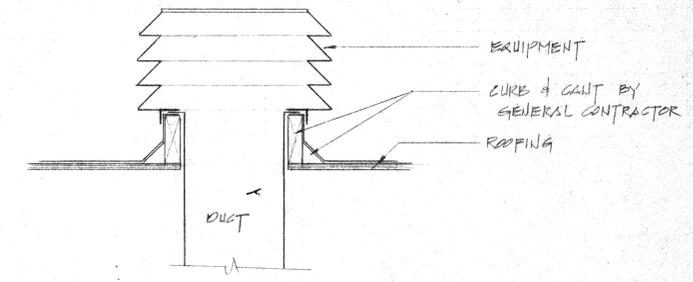
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DRAWN:
CHECKED:
REVISED: APRIL 24, 1978
JOB: 76202
M-2
SHEETS



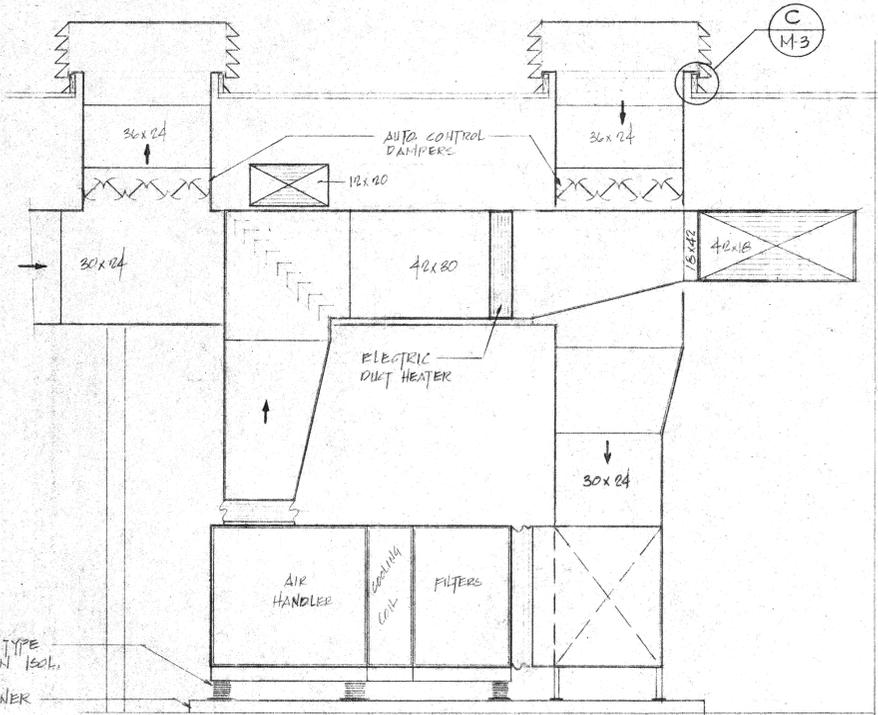
ELEVATION A
SCALE: 1/8" = 1'-0"
M-3



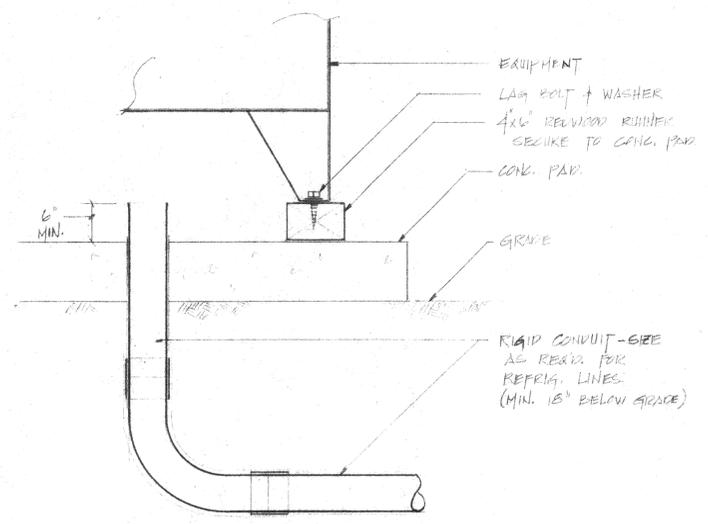
ELEVATION B
SCALE: 1/8" = 1'-0"
M-3



ROOF MOUNTED VENTILATOR C
SCALE: NONE
M-3



ELEVATION (GYMNASIUM) D
SCALE: 1/8" = 1'-0"
(MULTI-PURPOSE SIMILAR)
M-3



CONDENSING UNIT MOUNTING AND REFRIGERATION PIPING CONDUIT DETAIL E
SCALE: NONE
M-3

E. WARREN BRUCE
ARCHITECT
8370 MASANOLA AVE.
SILVERADO, CALIF.
TELE. (714) 781-9764

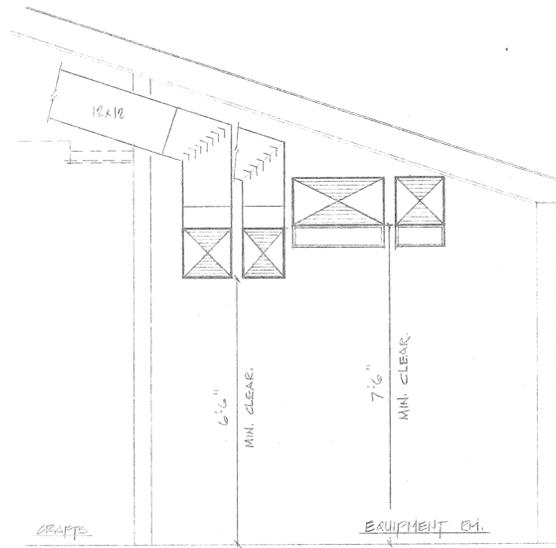
STUEVEN ASSOCIATES
CONSULTING MECHANICAL ENGINEERS
10854 SORRENTO VALLEY ROAD
SAN DIEGO, CALIFORNIA 92121
(714) 452-8650

ELEVATIONS & DETAILS

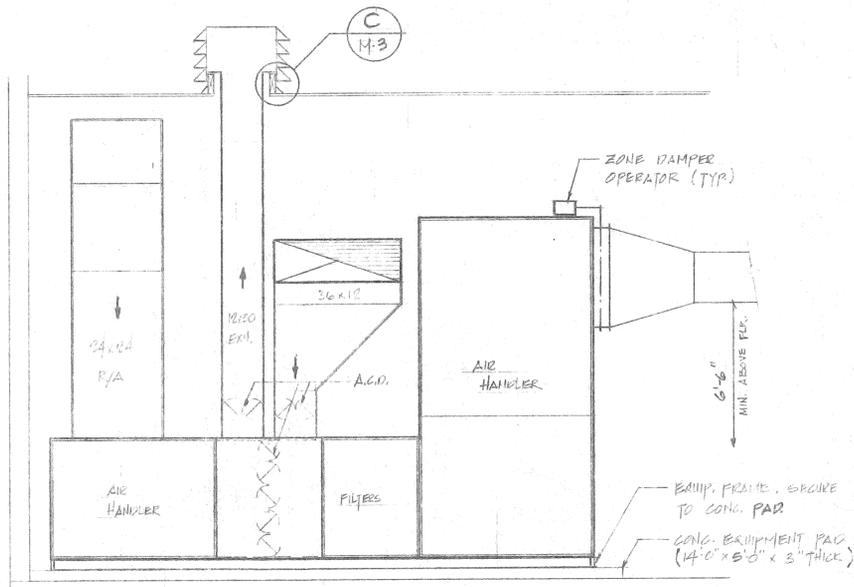
PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE: Nov. 30, 1977
DRAWN:
CHECKED:
REVISED: APRIL 26, 1978
JOB: 76202
M-3
OF 3 SHEETS

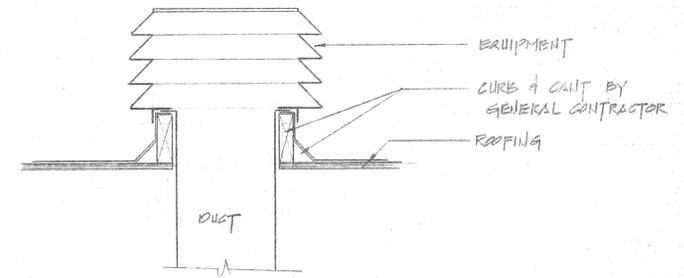




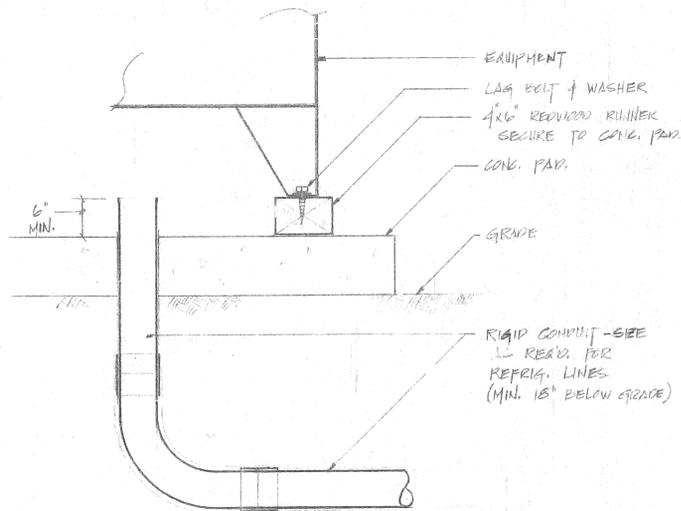
ELEVATION A
SCALE: 1/4" = 1'-0"
M-3



ELEVATION B
SCALE: 1/4" = 1'-0"
M-3



ROOF MOUNTED VENTILATOR C
SCALE: NONE
M-3



CONDENSING UNIT MOUNTING AND REFRIGERATION PIPING CONDUIT DETAIL E
SCALE: NONE
M-3

(AS BUILT)



AS-BUILT SHEETS



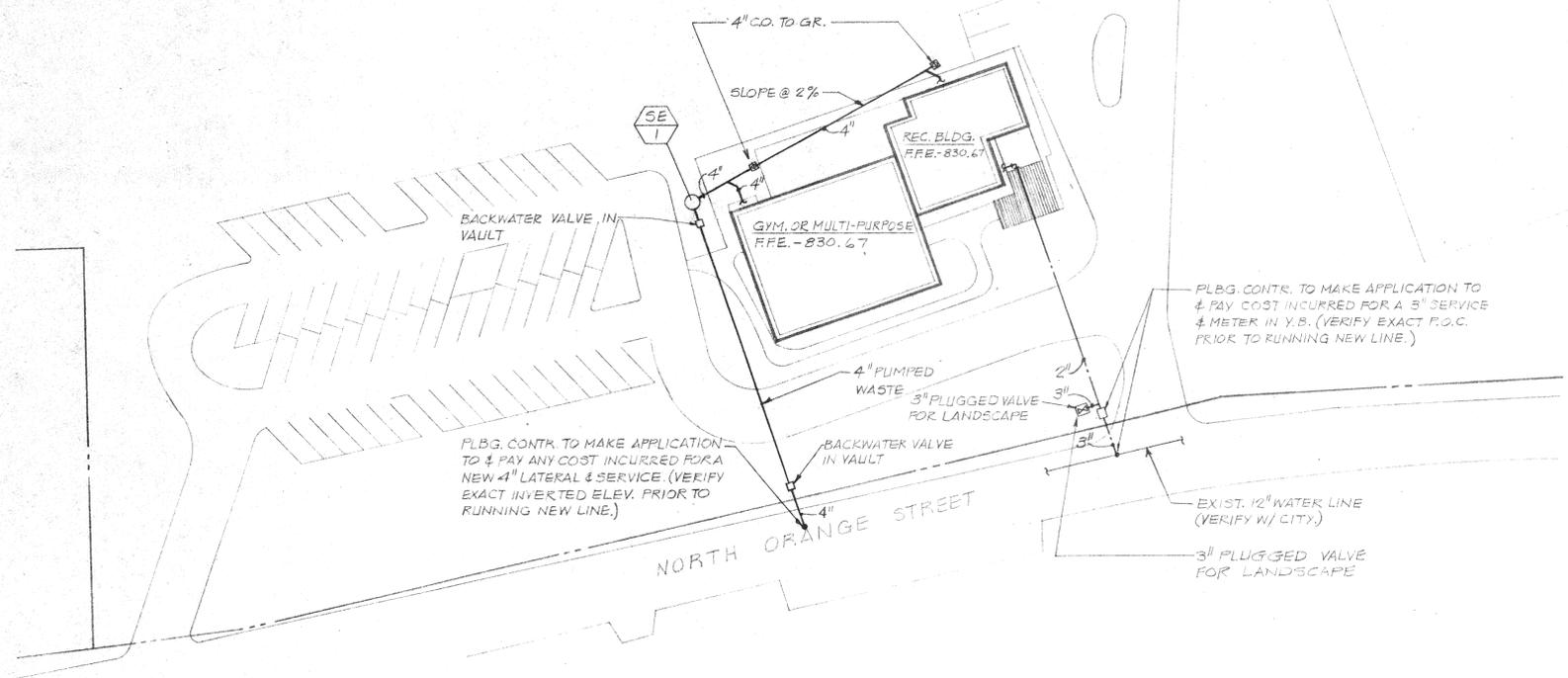
E. WARREN BRUCE
ARCHITECT
 8370 MASOLIA AVE.
 RIVERSIDE, CALIF.
 TELE. (714) 781-9764
A.I.A.

STUEVEN ASSOCIATES
 CONSULTING MECHANICAL ENGINEERS
 1095 H. SORRENTO VALLEY ROAD
 SAN DIEGO, CALIFORNIA
 (714) 452-9500
 92121

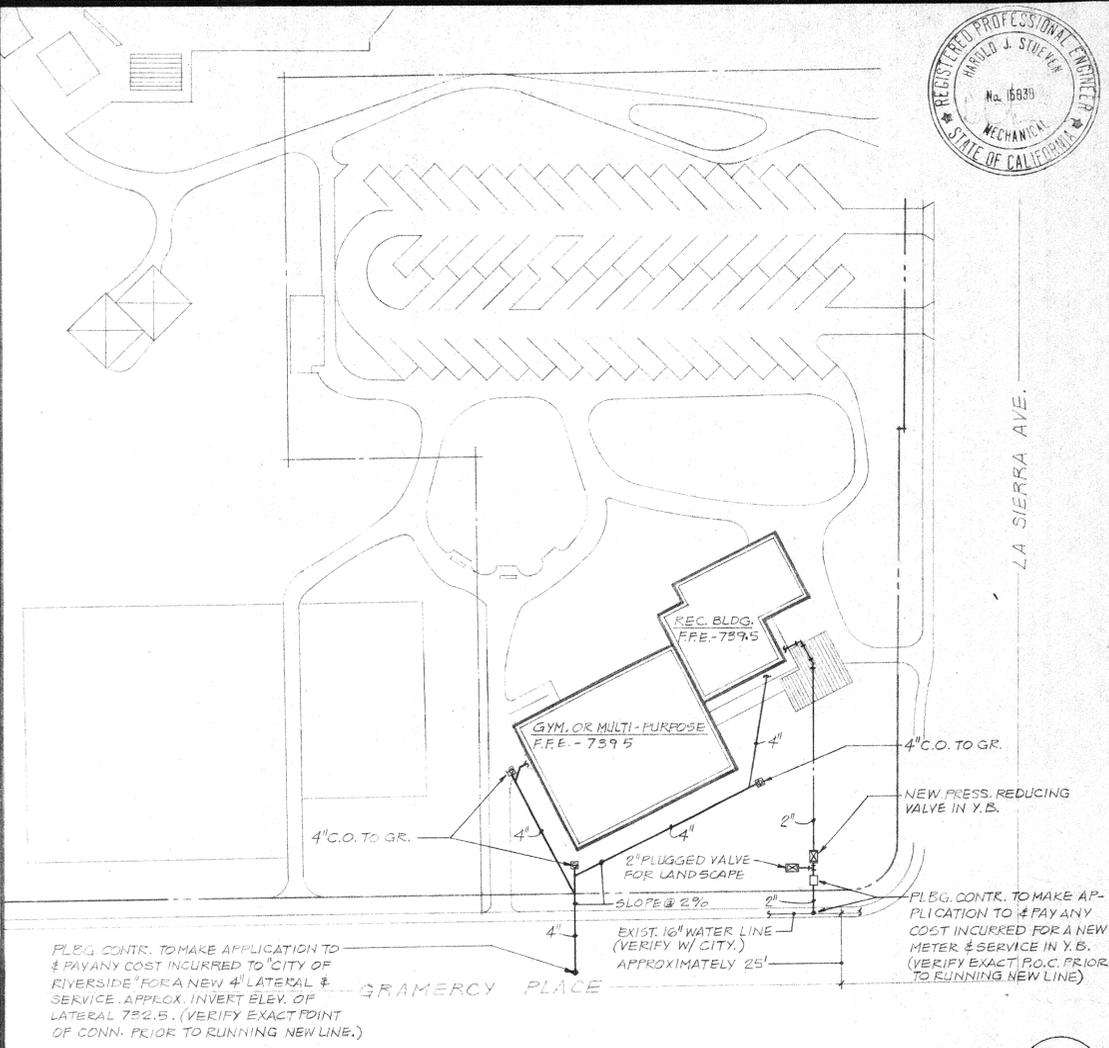
SITE PLANS - PLUMBING

PROTOTYPE
 COMMUNITY RECREATION CENTER
 CITY OF RIVERSIDE
 PARK AND RECREATION DEPARTMENT

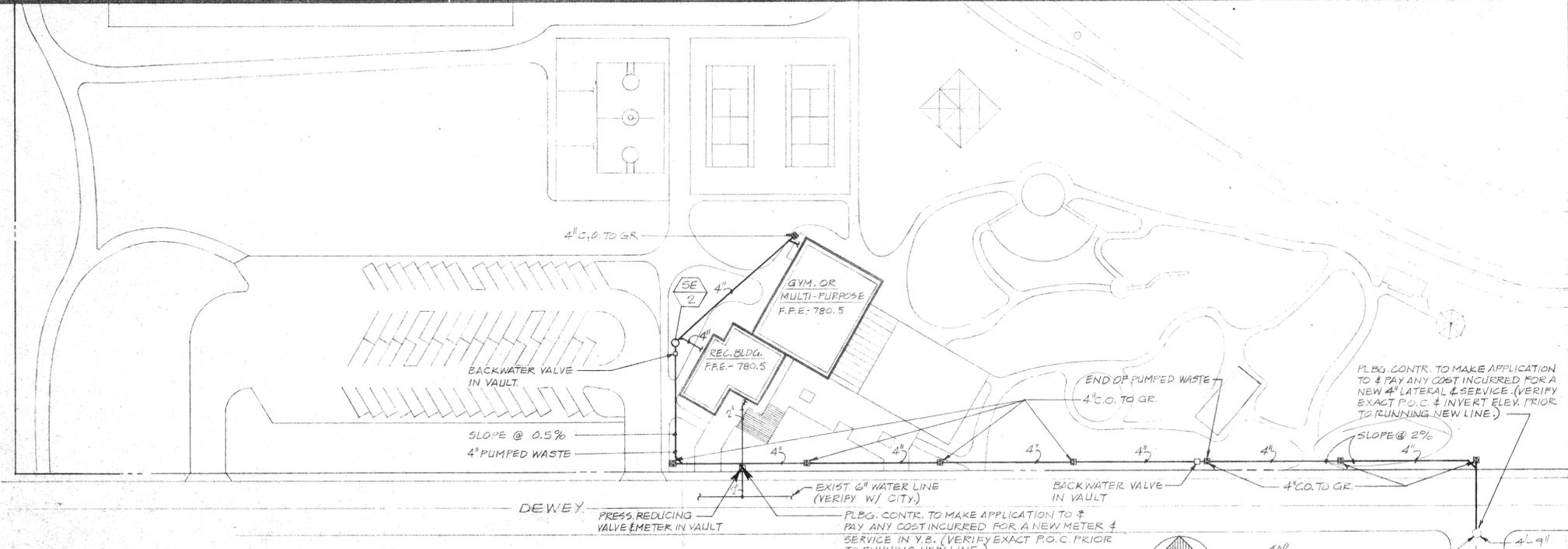
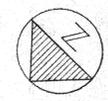
DATE: MAY 30, 1977
 DRAWN: R.E.
 CHECKED: F.K.S.
 REVISED: APRIL 24, 1978
 JOB 76202
P-1
 OF 2 SHEETS
 OF 38



SITE PLAN - REID PARK - PLUMBING
 SCALE: 1"=40'-0"



SITE PLAN - LA SIERRA PARK - PLUMBING
 SCALE: 1"=40'-0"



SITE PLAN - NICHOLS PARK - PLUMBING
 SCALE: 1"=50'-0"



PLUMBING LEGEND		
SYMBOL	ABBREV.	DESCRIPTION
---	S OR W	SOIL OR WASTE
—DS—	D.S.	DOWN SPOUT
—OF—	O.F.	OVERFLOW
---	V	SANITARY VENT
---	C.W.	COLD WATER
---	H.W.	HOT WATER
⊕	F.C.O.	FLOOR CLEANOUT
⊕	C.T.O.G.	CLEANOUT TO GRADE
⊕	W.C.O.	WALL CLEANOUT
↑	UP	RISE OR RISER
↓	DN	DOWN OR DROP
⊕	SOV	SHUT OFF VALVE ON RISER OR DROP
⊕	H.B.	HOSE BIB
ASV	ASV	ABOVE
BSL	BSL	BELOW
C.P.	C.P.	CHROME PLATED
CONN	CONN	CONNECT OR CONNECTION
CONT.	CONT.	CONTINUATION
CONTR.	CONTR.	CONTRACTOR
ELEV.	ELEV.	ELEVATION
HDR	HDR	HEADER
P.O.C.	P.O.C.	POINT OF CONNECTION
V.T.R.	V.T.R.	VENT THRU ROOF
Y.B.	Y.B.	YARD BOX
F.F.E.	F.F.E.	FINISH FLOOR ELEVATION



E. WARREN BRUCE
ARCHITECT
 6370 MAGNOLIA AVE.
 RIVERSIDE, CALIF.
 TELE. (714) 781-9764

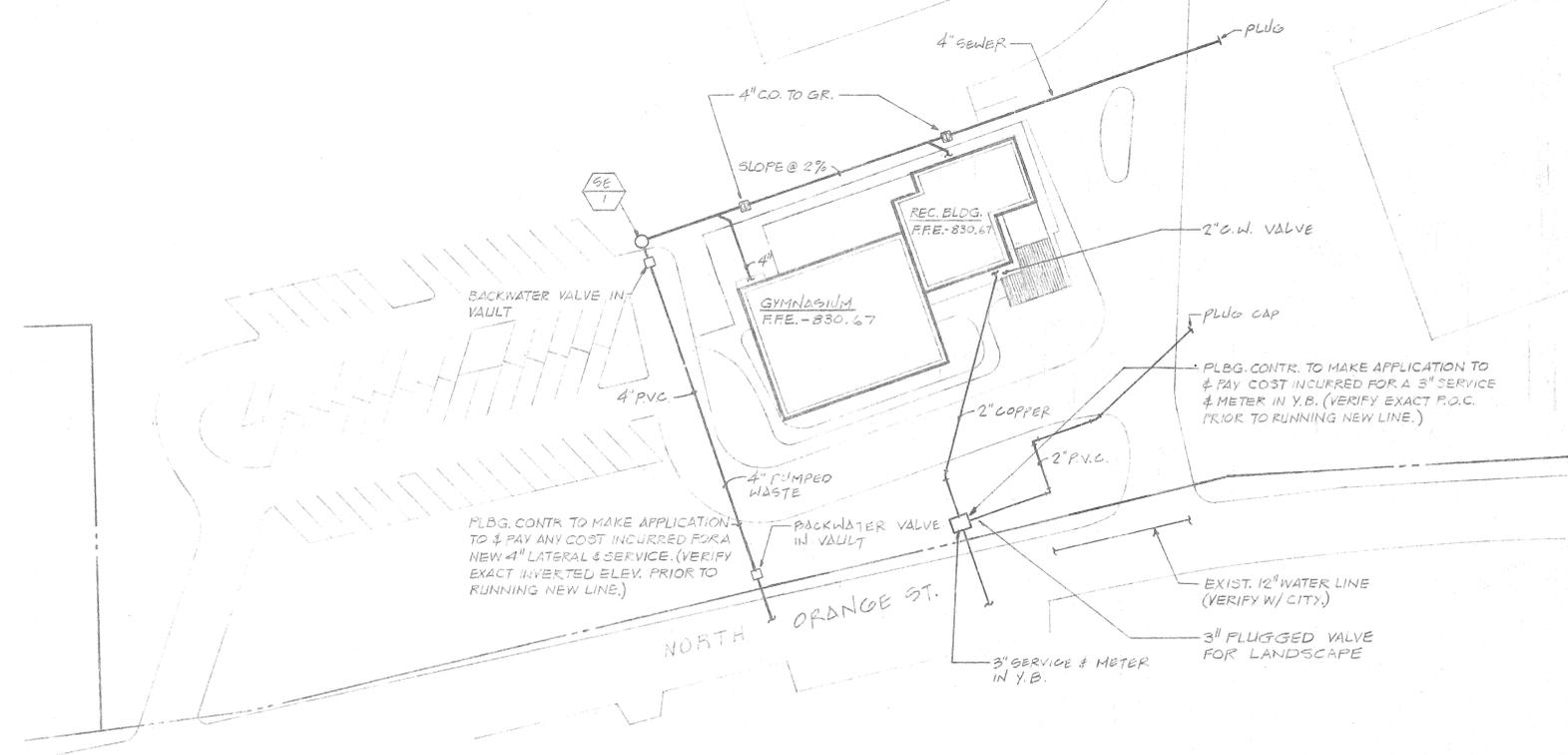
STUEVEN ASSOCIATES
 CONSULTING MECHANICAL ENGINEERS
 1086 HILSBOROUGH VALLEY ROAD (714) 482-9500
 SAN DIEGO, CALIFORNIA 92121

SITE PLANS - PLUMBING
 (AS BUILT) 4-9-80

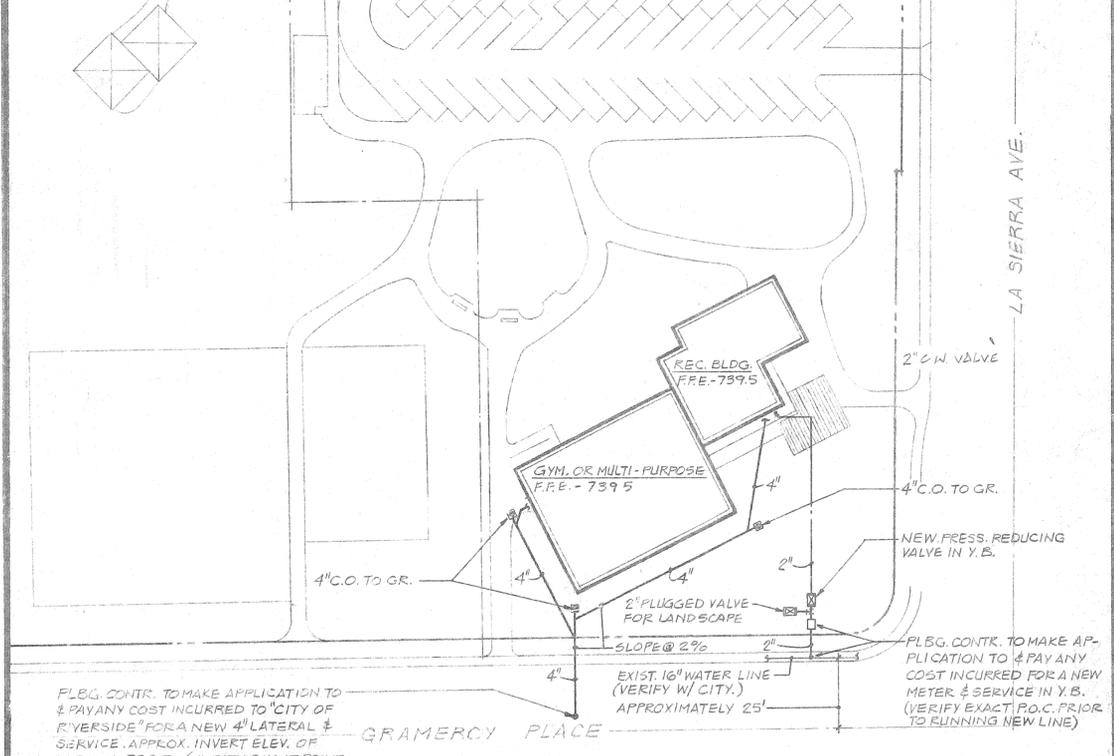
PROTOTYPE
COMMUNITY RECREATION CENTER
 CITY OF RIVERSIDE
 PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
 DRAWN RE
 CHECKED FKS
 REVISED APRIL 26, 1978
 JOB 7622

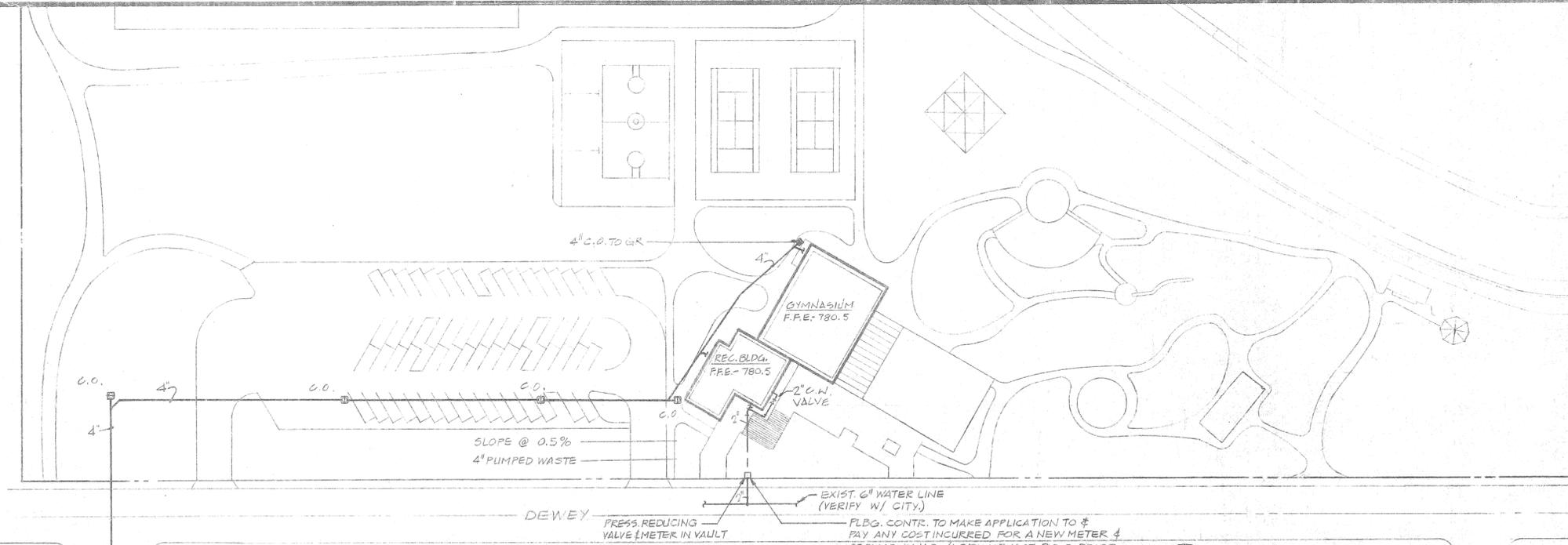
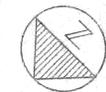
12 SHEETS
 OF 38



SITE PLAN - REID PARK - PLUMBING
 SCALE: 1"=40'-0"



SITE PLAN - LA SIERRA PARK - PLUMBING
 SCALE: 1"=40'-0"

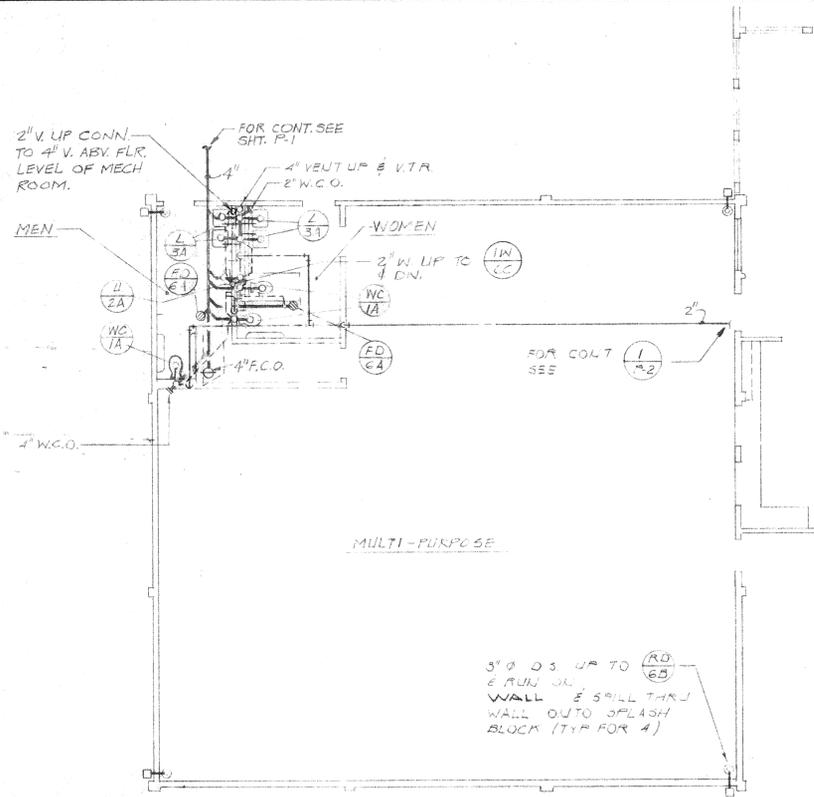


SITE PLAN - NICHOLS PARK - PLUMBING
 SCALE: 1"=50'-0"



PLUMBING LEGEND		
SYMBOL	ABBREV.	DESCRIPTION
—S OR W	S OR W	SOIL OR WASTE
—DS	D.S.	DOWN SPOUT
—OF	O.F.	OVERFLOW
---	V	SANITARY VENT
---	C.W.	COLD WATER
---	H.W.	HOT WATER
⊥	F.C.O.	FLOOR CLEANOUT
⊥	C TO G	CLEANOUT TO GRADE
⊥	W.C.O.	WALL CLEANOUT
↑	UP	RISE OR RISER
↓	DU	DOWN OR DROP
⊥	S.O.V.	SHUT OFF VALVE ON RISER OR DROP
⊥	H.B.	HOSE BIBB
ABV.	ABV.	ABOVE
BELOW	BELOW	BELOW
C.P.	C.P.	CHROME PLATED
CONN.	CONN.	CONNECT OR CONNECTION
CONT.	CONT.	CONTINUATION
CONTR.	CONTR.	CONTRACTOR
ELEV.	ELEV.	ELEVATION
HDR	HDR	HEADER
P.O.C.	P.O.C.	POINT OF CONNECTION
V.T.R.	V.T.R.	VENT THRU ROOF
Y.B.	Y.B.	YARD BOX
F.F.E.	F.F.E.	FINISH FLOOR ELEVATION

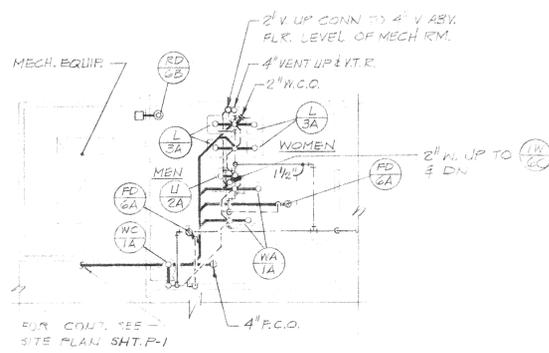
AS-BUILT



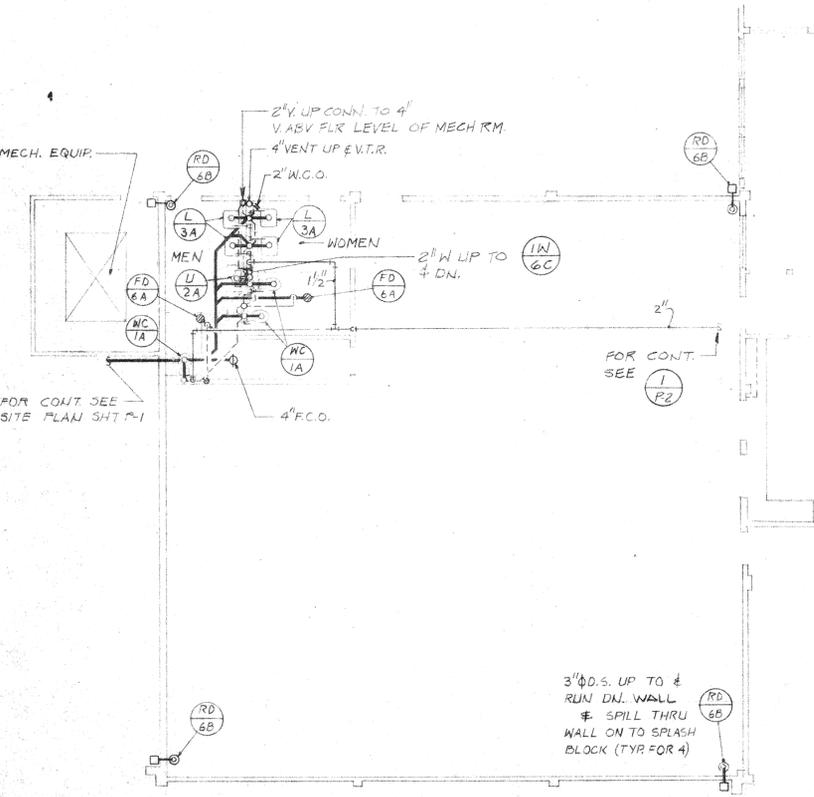
ALTERNATE MULTI-PURPOSE FLOOR PLAN (A)
 SCALE: 1/8" = 1'-0" (REID & NICHOLS PARK ONLY)
 NOT PART OF CONTRACT

EQUIPMENT SCHEDULE	
ITEM	DESCRIPTION
WH 1	ELECTRIC WATER HEATER-LOCHINVAR R-30 G 30 GALLON STORAGE CAPACITY TO RECOVER 6.2 GPH AT 100° RISE IN TEMPERATURE SINGLE ELEMENT 120 V. 1Ø 60HZ. COMPLETE WITH A.S.M.E. COMBINATION TEMPERATURE & PRESSURE RELIEF VALVE.
SE 1	DUPLEX SENASE EJECTOR-HYDR-O-MATIC "S" SERIES 1 1/2 HP 1700 RPM 2" BY 3" 60HZ. SURMOUNTABLE NON-FLUSH PUMPING UNIT CAPABLE OF 180 GPM @ 21 FT. OF HEAD WITH A PUMP DISCHARGE OF 4" UNIT SHALL BE COMPLETE WITH ALARMS WEATHER-PROOF DUPLEX ELECTRICAL CONTROL PANEL MOUNTED ABOVE SUMP MERCURY TUBE SWITCH LEVEL CONTROLS, 42" DIA. BY 6 FEET DEEP SUMP WITH GAS TIGHT STEEL COVER, CURBING, INSPECTION PLATES, & LIFTING EYES. THE ELECTRICAL CONTROLS & ACCESSORIES SHALL MAKE SYSTEM COMPLETELY AUTOMATIC. PROVIDE CHECK VALVES ON DISCHARGE OF EACH PUMP. (NICHOLS PARK)
SE 2	SAME AS SE-1 EXCEPT 180 G.P.M. @ 22 FT. OF HEAD. (REID PARK)

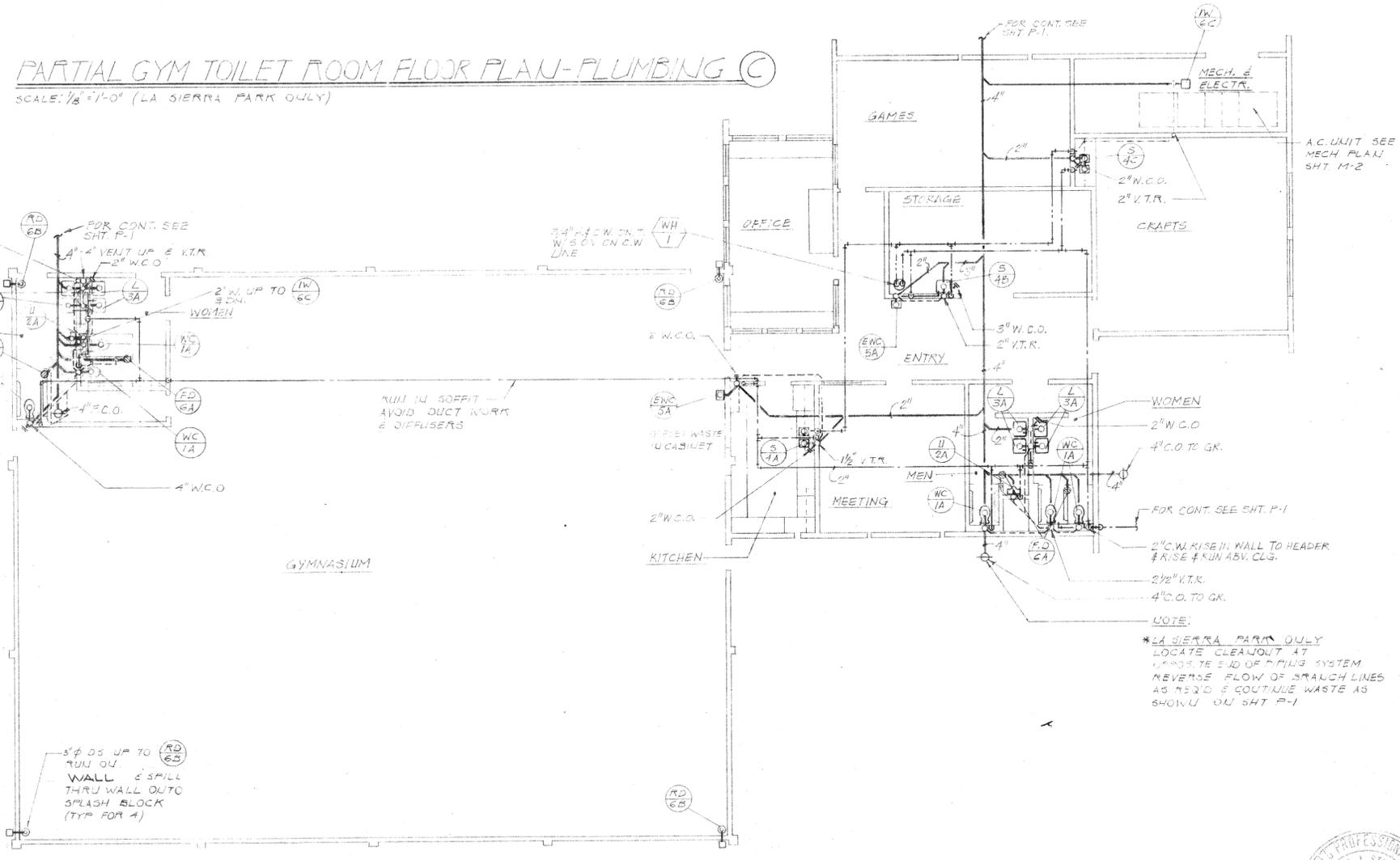
FIXTURE SCHEDULE						
ITEM	WASTE	TRAP	VENT	C.W.	H.W.	DESCRIPTION
WC 1A	4"	INT	2"	1"		WATER CLOSET, FLOOR MOUNTED FLUSH VALVE
U 2A	2"	INT	1 1/2"	3/4"		URINAL WALL HUNG FLUSH VALVE
L 3A	2"	1 1/2"	1 1/2"	1/2"		LAVATORY, WALL HUNG
S 4A	2"	1 1/2"	1 1/2"	1/2"	1/2"	33" X 22" 2-COMPARTMENT STAINLESS STEEL SINK
S 4B	3"	3"	2"	3/4"	3/4"	JAIL SINK, WALL HUNG
S 4C	2"	1 1/2"	1 1/2"	1/2"	1/2"	24" X 18" STAINLESS STEEL COUNTERTOP SINK
ENC 5A	2"	1 1/2"	1 1/2"	1/2"		ELECTRIC WATER COOLER
FD 6A	2"	2"	2"			FLOOR DRAIN WITH TRAP PRIMER COUPLER
RD 6B	3"					ROOF DRAIN
IW 6C	2"	2"	2"			INDIRECT WASTE RECEPTOR



PARTIAL GYM TOILET ROOM FLOOR PLAN-PLUMBING (C)
 SCALE: 1/8" = 1'-0" (LA SIERRA PARK ONLY)



ALTERNATE MULTI-PURPOSE FLOOR PLAN (B)
 SCALE: 1/8" = 1'-0" (LA SIERRA PARK ONLY)
 NOT PART OF CONTRACT



FLOOR PLAN - PLUMBING (D)
 SCALE: 1/8" = 1'-0" * (REID & NICHOLS PARK ONLY) SEE SITE PLAN SHT. P-4 FOR NORTH DIRECTION

NOTE:
 *LA SIERRA PARK ONLY
 LOCATE CLEANOUT AT
 LARGEST END OF PILING SYSTEM
 REVERSE FLOW OF BRANCH LINES
 AS REQUIRED & CONTINUE WASTE AS
 SHOWN ON SHT P-1



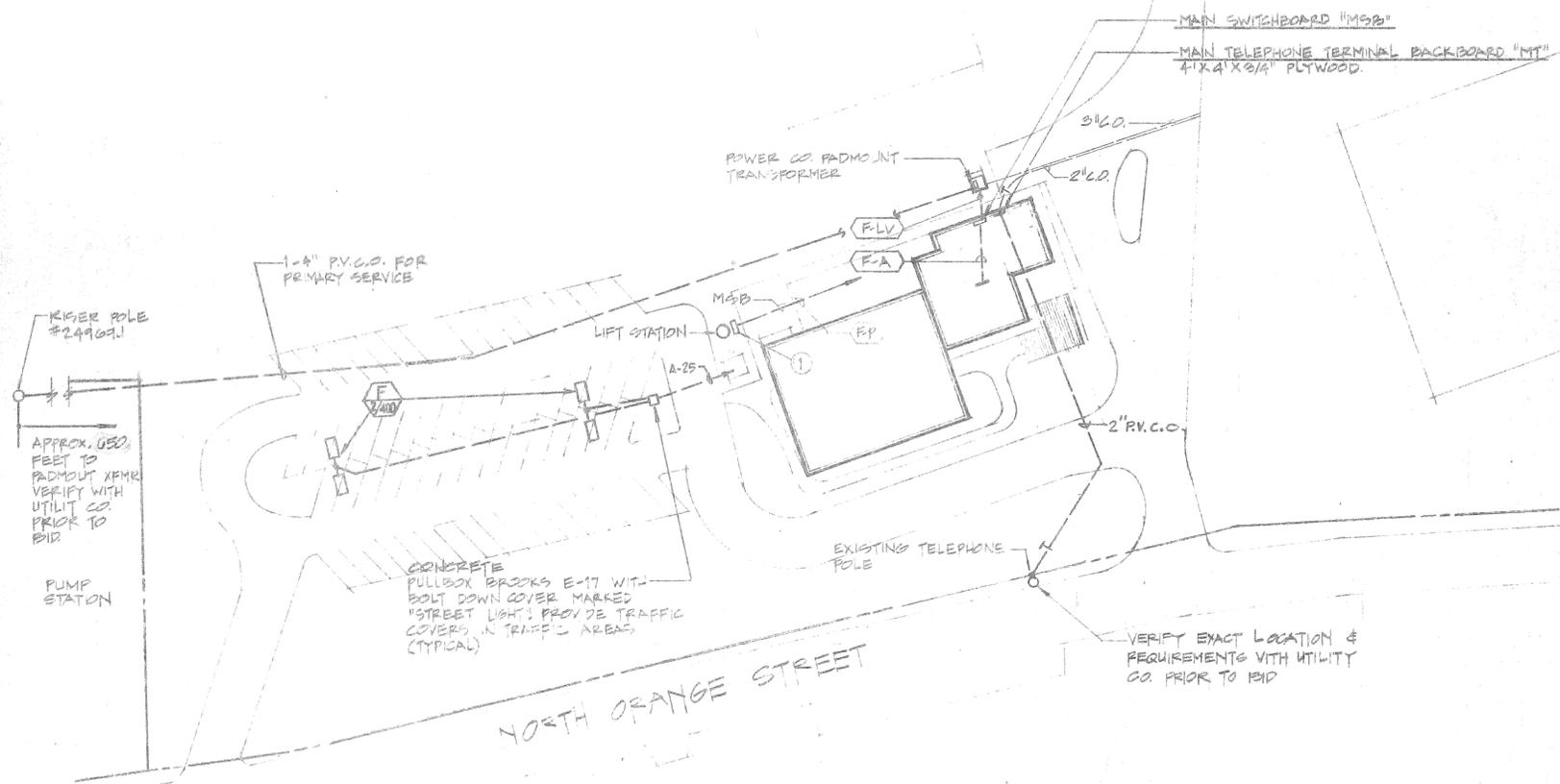
DATE NOV. 20, 1977
 DRAWN M.R.
 CHECKED P.K.S.
 REVISED APRIL 26, 1978
 JOB 70202

P-2
 OF 2 SHEETS

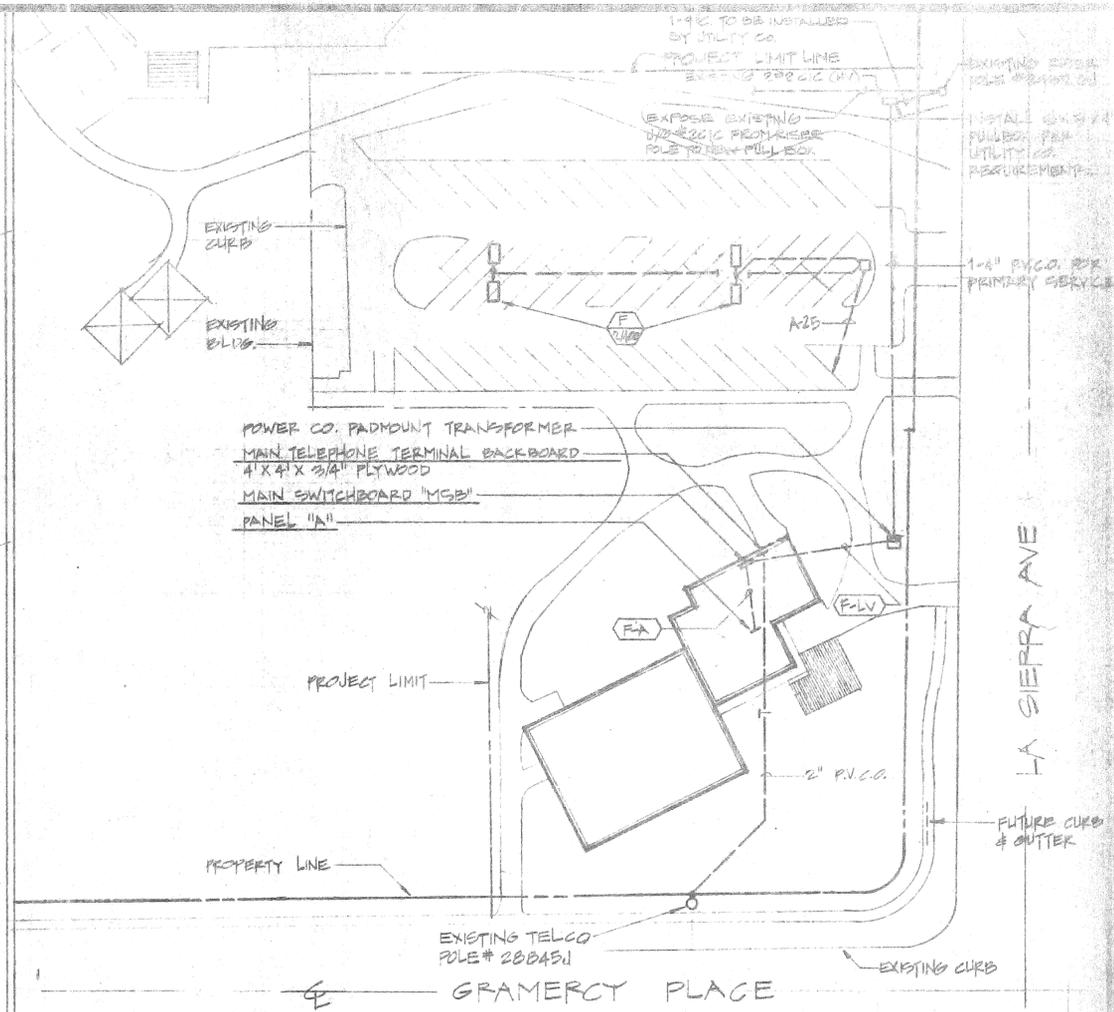
E. WARREN BRUCE
 ARCHITECT
 8370 WACONIA BLVD.
 SAN DIEGO, CALIF. 92121
 TEL: (714) 781-9764
 A.I.A.
 SIVUEN ASSOCIATES
 CONSULTING MECHANICAL ENGINEERS
 1065 H. SORRENTO VALLEY ROAD
 SAN DIEGO, CALIFORNIA 92121
 (714) 459-9800

PLUMBING FLOOR PLAN

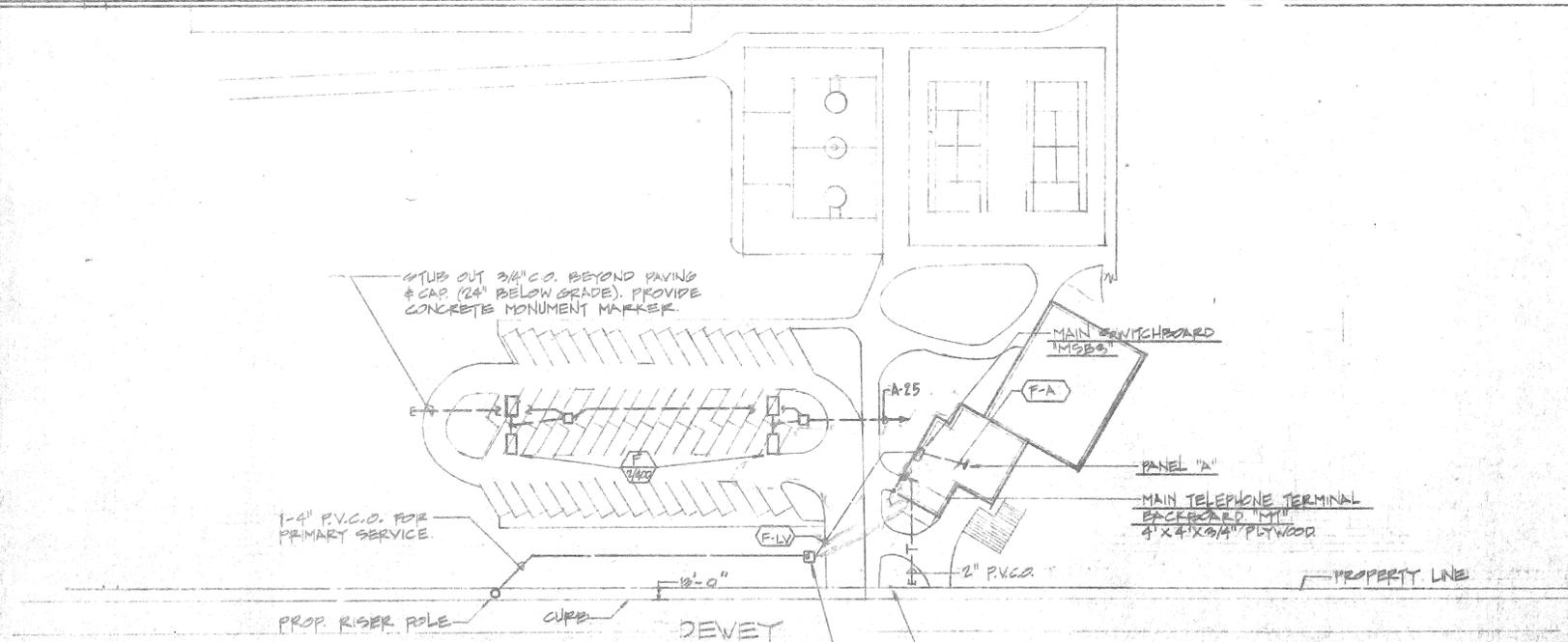
PROTOTYPE
 COMMUNITY RECREATION CENTER
 CITY OF RIVERSIDE
 PARK AND RECREATION DEPARTMENT



REID PARK
SCALE 1"=40'



LA SIERRA PARK
SCALE 1"=40'



NICHOLS PARK
SCALE 1"=50'

VERIFY EXACT SERVICE LOCATION AND SERVICE REQUIREMENTS WITH THE FOLLOWING UTILITY COMPANIES PRIOR TO BID (CONTINUED BELOW):*

POWER:
RIVERSIDE PUBLIC UTILITIES DEPT.
3400 MAIN ST.
RIVERSIDE, CA 92501
TEL: (714) 787-7451 ROBERT R SPIRES

TELEPHONE:
PACIFIC TELEPHONE CO.
3075 ADAMS ST. RM. 211
RIVERSIDE, CA 92504
TEL: (714) 687-0040 G.L. COVILLE

* SHOULD THE UTILITY COMPANY SERVICE INFORMATION NOT BE AVAILABLE DURING THE BID TIME, THEN THE CONTRACTOR SHALL SPECIFICALLY STATE THE COST BEING EXCLUDED FROM HIS BID.

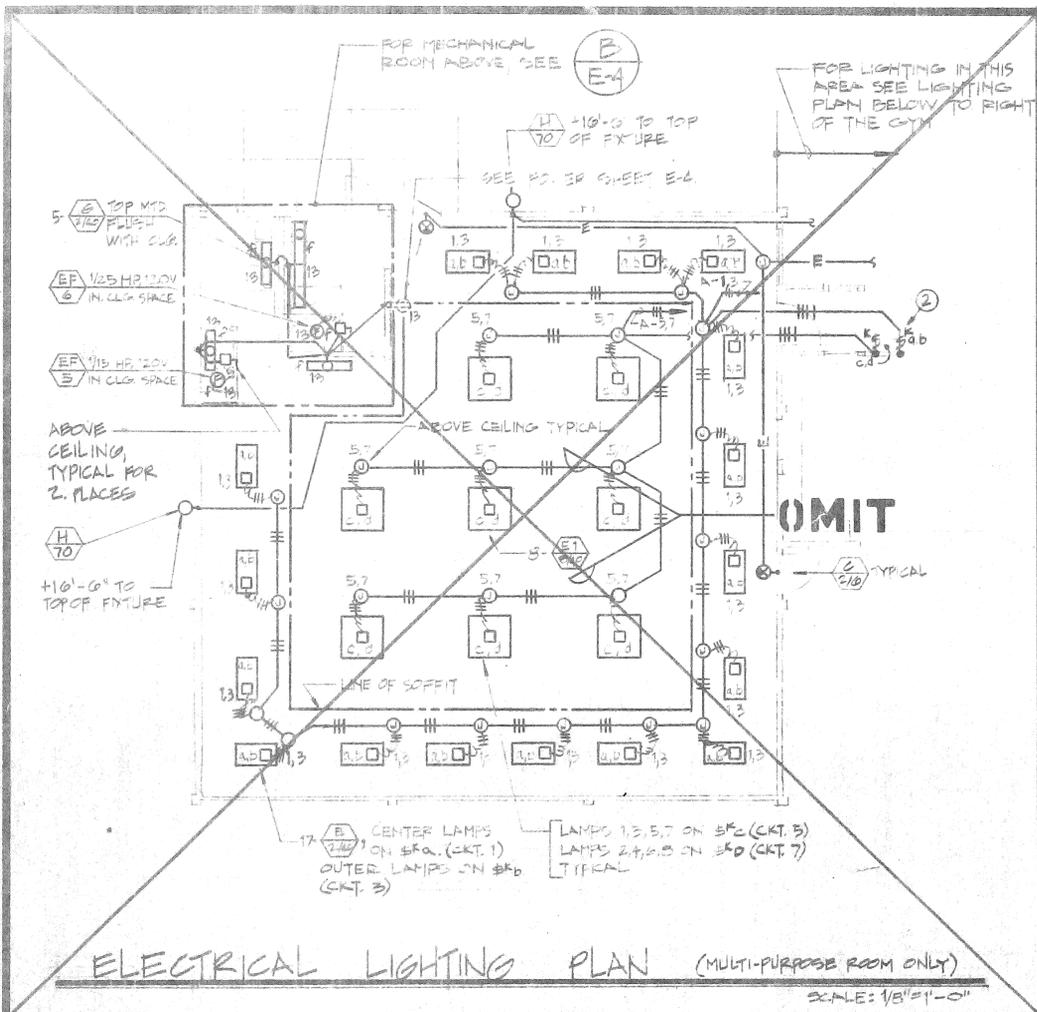
CAUTION
VERIFY EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES WITH UTILITY COMPANIES PRIOR TO COMMENCING TRENCHING.

SHEET NOTES

① LIFT STATION CONTROL PANEL, STAND MOUNTED, FOR DUPLEX PUMPS (2) 1/2HP, 208V, 3 Ø RUN 1-3/4" CONDUIT FROM CONTROL PANEL UNDERGROUND INTO SIDE OF SUMP FOR PUMP CORD (CORD FURNISHED WITH PUMP) TERMINATE AT SUMP IN W.P. BOX WITH CORD GRIPS MOUNTED INSIDE WALL OF SUMP. INSTALL SEAL 'OFF' FITTING WITHIN 18" OF BOTTOM OF CONTROL PANEL. ALL WORK SHALL CONFORM TO HAZARDOUS LOCATION CLASS I, DIVISION I. REFER TO PLUMBING PLANS FOR EXACT LOCATION OF LIFT STATION SUMP & CONTROL PANEL. VERIFY POINT OF CONDUIT ENTRY AT SUMP & REQUIREMENTS WITH PUMP INSTALLER PRIOR TO INSTALLATION.



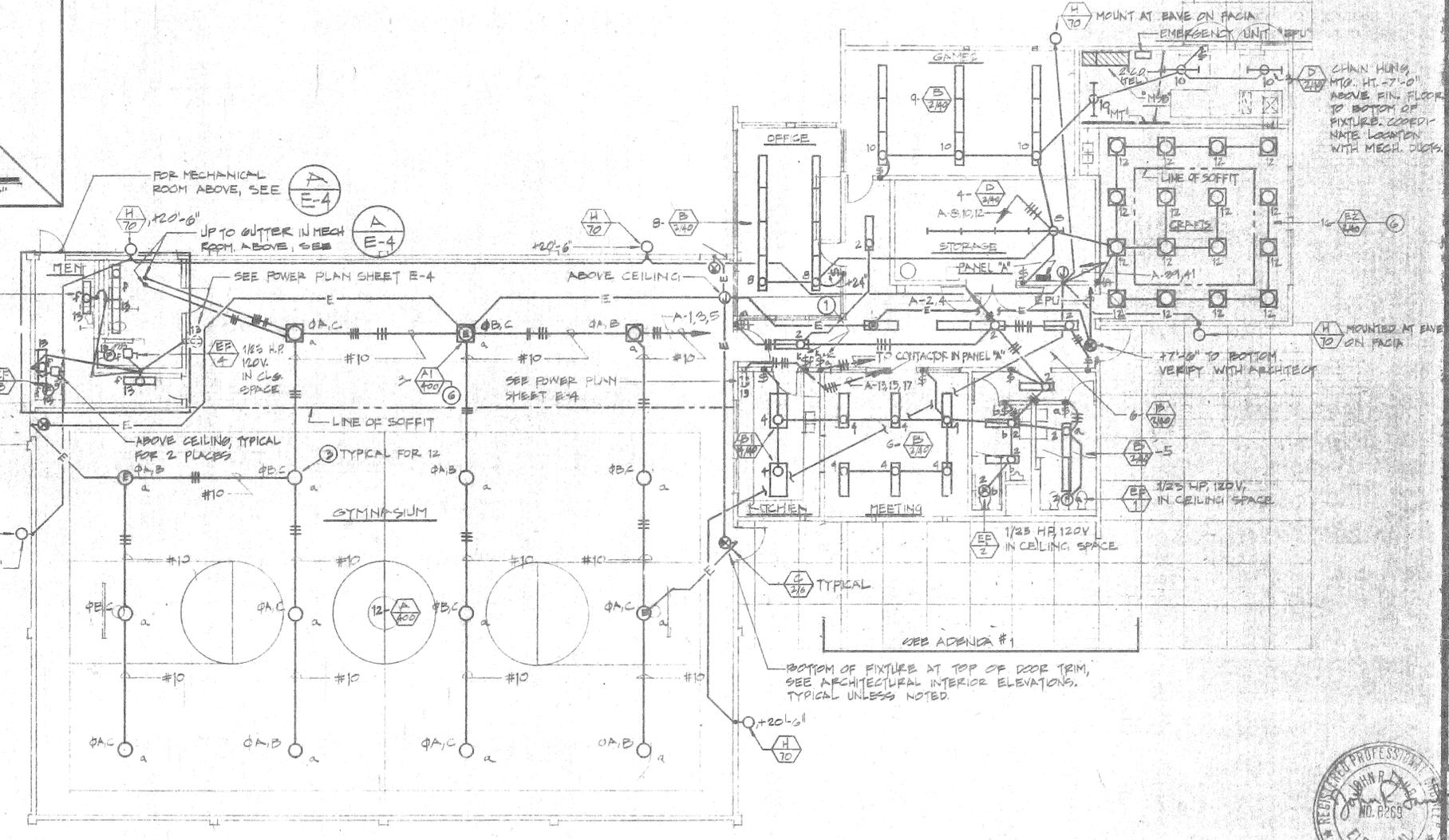
E. WARREN BRUCE
A. R. CHAFFIN
ELECTRICAL SITE PLANS



ELECTRICAL LIGHTING PLAN (MULTI-PURPOSE ROOM ONLY)
SCALE: 1/8"=1'-0"

LIGHTING FIXTURE SCHEDULE				SEE NOTE					
TYPE	DESCRIPTION	LAMPS	LOAD	MFG. & CATALOG NUMBER	TYPE	DESCRIPTION	LAMPS	LOAD	MFG. & CATALOG NUMBER
A 100	30" SQUARE SURFACE MOUNTED METAL HALIDE UNIT WITH STEEL HOUSING, REFRACTIVE GRID DIFFUSER WITH OPTICAL INTERFACE, WIRE GUARD AND INTEGRAL 200V BALLAST. PROVIDE 250W. QUARTZ LAMP SOCKET & SWITCHING CIRCUIT WHERE NOTED ON PLANS.	1-400W METAL HALIDE RATED FOR 40,000 LUMENS @ 1-250W.	480	HOLOPHANE #5-2104-208-Y-STR-5W0 (EMER WHERE INDICATED EMERGENCY UNIT) OR EQUAL.	E 100	FLUORESCENT 2'X4' UNIT DIE FORMED STEEL BODY. PRISMATIC ACRYLIC LENS. PICTURE RECESSED STEEL BODY LAMP.	4-F40-WW	200	GUTH #FS12494-G-AOK1, COLUMBIA, DAYBRITE OR EQUAL.
A 100	SAME AS TYPE "A" EXCEPT RECESSED 2'X2' UNIT WITH REMOTE BALLAST	SAME AS TYPE "A"	480	HOLOPHANE #6-2104-208-Y-SW0-RB3-208 (EMER WHERE INDICATED EMERGENCY UNIT) OR EQUAL.	E 100	SAME AS TYPE "E" EXCEPT 4'X4' UNIT WITH PRISMATIC ACRYLIC DARK IS LENS.	3-F40-WW	400	GUTH #FS14984-G-AOX1, COLUMBIA, DAYBRITE OR EQUAL.
B 200	SURFACE MOUNTED NON 1'X4' FLUORESCENT UNIT, STEEL HOUSING, PRISMATIC ACRYLIC LENS, WHITE HOUSING FINISH.	2-F40-WW	100	GUTH #ACR2730Y2 KEENE #L25-200 DAYBRITE #45257-4 OR EQUAL.	F 200	TWO RECTILINEAR LUMINAIRES WITH INTEGRAL 200V REGULATED HFF BALLAST. MOUNTED ON SQUARE ALUMINUM POLE, BRONZE ANODIZED FINISH, MOUNTED 20'-0" ABOVE FINISHED GRADE. SEE DETAIL E-5.	2-400 WATT H.P.S.	480	GARDCO #C1923-208-400-HPS-BRA & POLE #C49-1B-BRONZE ANODIZED FINISH. KIM MCPHILBEN, STERNER OR EQUAL.
B 200	SAME AS TYPE "B" EXCEPT NOMINAL 18"X4" UNIT.	4-F40-WW	200	GUTH #ACR6782Y20 KEENE #C05-440 DAYBRITE #41-57-4 OR EQUAL.	F 100	SAME AS TYPE "F" EXCEPT WITH 1 LUMINAIRE.	400 WATT H.P.S.	480	GARDCO #E1915-208-400-HPS-BRA & POLE #C49-1B-BRONZE ANODIZED FINISH. KIM MCPHILBEN, STERNER OR EQUAL.
C 200	FLUORESCENT EXIT LIGHT WITH DOWNLIGHT. STENCIL FACE WITH RED OR GREEN LETTERS AS REQUIRED PER APPLICABLE CODES & ORDINANCES. ARROWS & MOUNTING AS INDICATED ON PLANS.	2-F40-T5	36	PRESCOTE #7300 SERIES. MARCO #EXTENDED ALUMINUM 4" SERIES. MCPHILBEN 50 LINE OR EQUAL.	NOT USED				
D 200	FLUORESCENT STRAIGHT WITH WIRE GUARD. SURFACE MOUNTED OR CHAIN HUNG WITH 1/2 TENSO CHAIN WHERE NOTED ON PLANS.	2-F40-WW	100	LUTHONIA #C240 ACME #222-40 PRADENTAL #P122-15-HPS OR EQUAL.	G 200	SURFACE MOUNTED CORNER FLUOR. FIXTURE. HIGH IMPACT ACRYLIC LENS, TAMPERPROOF.	2-F40-WW	100	PRUDENTAL #P5502-48-10TP ALKCO #B942-TP OR EQUAL.
					H 200	WALL PACK UNIT, PRISMATIC GLASS REFRACTOR, DIE CAST ALUMINUM HOUSING. CAST ALUM. GUARD, SAFETY CHAIN BETWEEN HOUSING & DOOR. INTEGRAL 200V. HFF AUTOTRANSFORMER BALLAST. DARK BRONZE HOUSING & GUARD.	70W HPS	115	HOLOPHANE #419-208-TP-0108-RB3 DIVINE OR EQUAL.

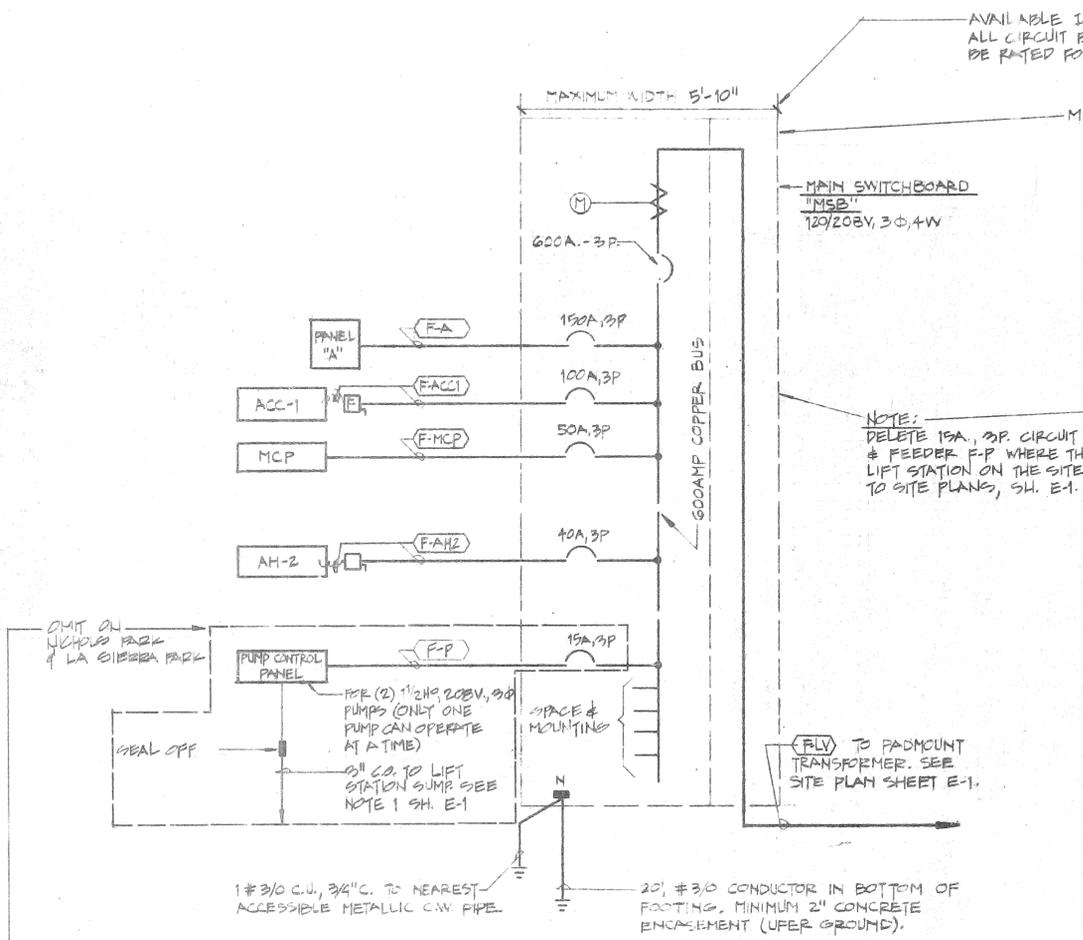
- SHEET NOTES**
- SWITCH #BNC ONLY ON RECREATION CENTERS WITH GYMNASIUMS.
 - SWITCH #BND ONLY ON RECREATION CENTERS WITH MULTI-PURPOSE ROOMS.
 - FIXTURE TYPE "A" SHALL BE MOUNTED PARALLEL TO THE FLOOR.
 - VERIFY MOUNTING REQUIREMENTS FOR ALL RECESSED LIGHTING FIXTURES PRIOR TO ORDERING FIXTURES, REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND COORDINATE WITH CEILING CONTRACTOR.
 - VERIFY MOUNTING REQUIREMENTS WITH CEILING INSTALLER PRIOR TO ORDERING LIGHT FIXTURES.
 - FIXTURES SHALL BE BOXED IN TO MAINTAIN THE RATING OF CEILING.



ELECTRICAL LIGHTING PLAN (WITH GYMNASIUM)
SCALE: 1/8"=1'-0"

E. WARREN BRUCE ARCHITECT
 6370 MAGNOLIA AVE. SILVERSBIDE, CALIF. TELE. (714) 783-5764
PROTOTYPE COMMUNITY RECREATION CENTER
 CITY OF KINGSIDE PARK & RECREATION DEPARTMENT
 DATE APRIL 27, 1978
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 OF 5 SHEETS
E-3

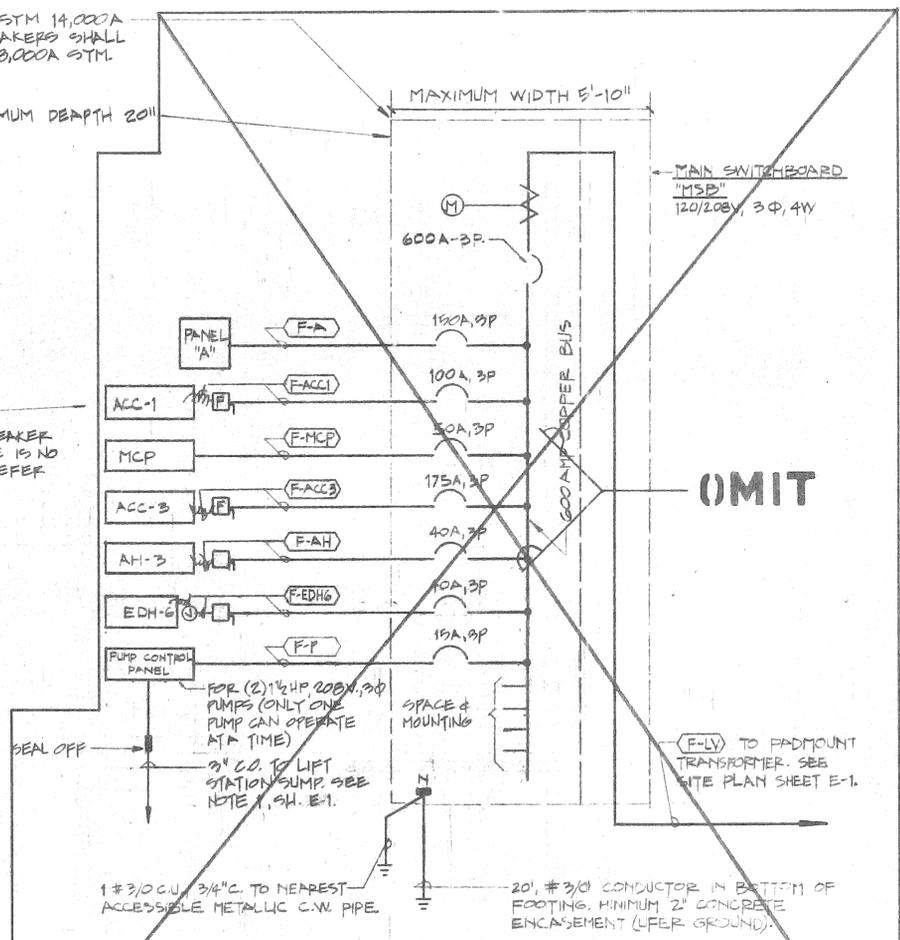




SINGLE LINE DIAGRAM
RECREATION BUILDING WITH GYMNASIUM
NO SCALE

GYMNASIUM					
FEEDER	SERVES	LOAD		VOLTAGE	CONDUIT AND WIRE
		KVA	LCL AMPS		
(F-LV)	MAIN SWBD. "MSB"	*129.8	*47	120/208V, 3Φ, 4W	2-5" PVC.D.
(F-ACC1)	ACC-1	10.8	59	208V, 3Φ	3 #4, 1" C.
(F-MCP)	MCP	13.3	46		3 #6, 1" C.
(F-ACC2)	ACC-2	40.6	141		3 #10, 1 1/2" C.
(F-AH-2)	AH-2	6.0	21		3 #10, 1/2" C.
(F-EDH-B)	EDH-B	17.0	59		3 #4, 1" C.
(F-A)	PANEL "A"	45.9	145	120/208V, 3Φ, 4W	4 #10, 2 1/2" C.
(F-P)	LIFT STA. PUMPS	2.1	0	208V, 3Φ	3 #12, 1/2" C.

* 125% LCL AMPS + NCL AMPS
* FOR SITES WITHOUT LIFT STATIONS, SITES HAVING LIFT STATIONS KVA=141 & LCL AMPS=471
SEE SITE PLANS SH. E-1 FOR LOCATION OF LIFT STATIONS.



SINGLE LINE DIAGRAM
RECREATION BUILDING WITH MULTI-PURPOSE ROOM
NO SCALE

MULTI-PURPOSE ROOM					
FEEDER	SERVES	LOAD		VOLTAGE	CONDUIT AND WIRE
		KVA	LCL AMPS		
(F-LV)	MAIN SWBD. "MSB"	*121.8	*45	120/208V, 3Φ, 4W	1-5" PVC.D.
(F-ACC-1)	ACC-1	10.8	59	208V, 3Φ	3 #4, 1" C.
(F-MCP)	MCP	13.3	46		3 #6, 1" C.
(F-ACC-3)	ACC-3	31.7	110		3 #10, 1 1/2" C.
(F-AH-3)	AH-3	6.0	21		3 #10, 1/2" C.
(F-EDH-G)	EDH-G	10.0	35		3 #8, 3/4" C.
(F-A)	PANEL "A"	44.7	136	120/208V, 3Φ, 4W	4 #10, 2 1/2" C.
(F-P)	LIFT STA. PUMP	2.1	0	208V, 3Φ	3 #12, 1/2" C.

* 125% LCL AMPS + NCL AMPS
* FOR SITES WITHOUT LIFT STATIONS, SITES HAVING LIFT STATIONS KVA=129.9 & LCL AMPS=412
SEE SITE PLANS SH. E-1 FOR LOCATION OF LIFT STATIONS.

SYMBOL LIST	
SYMBOL	DESCRIPTION
○	CEILING OUTLET
○	WALL OUTLET
□	RECESSED FLUORESCENT LIGHT FIXTURE
□	SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
□	SURFACE OR CHIM. HUNG STRIPLIGHT FIXTURE
□	RECESSED INCANDESCENT OR MERCURY VAPOR LIGHT FIXTURE
□	EXIT LIGHT FIXTURE, DARKENED AREA INDICATES FACE LIT.
□	LIGHTING FIXTURE ON EMERGENCY CIRCUIT
□	POST LIGHT, SINGLE LUMINAIRE
□	POST LIGHT, DOUBLE LUMINAIRE
○	OUTLETS WITH DESIGNATION OF CONTROL SWITCHES
○	SINGLE POLE FLUSH TOGGLE SWITCH +42" UNLESS NOTED
○	KEY OPERATED SWITCH +42" UNLESS NOTED
○	MOMENTARY CONTACT SWITCH +42" UNLESS NOTED
○	GANGED SWITCHES WITH DESIGNATION OF OUTLETS CONTROLLED
○	JUNCTION BOX +12" UNLESS NOTED
○	FAN, CONNECT AS REQUIRED
○	MOTOR, CONNECT AS REQUIRED
○	COMBINATION FUSED SWITCH & MAGNETIC MODE STARTER SIZED PER EQUIPMENT MANUFACTURERS INSTRUCTIONS
□	DISCONNECT SWITCH, NON FUSED SEE AMOUNT AND NUMBER OF POLES AS REQUIRED
□	DISCONNECT SWITCH, FUSED, SIZE AND NUMBER OF POLES AS REQUIRED. FUSES SHALL BE SIZED FOR EQUIPMENT MANUFACTURERS RECOMMENDATIONS.
—	BRANCH CIRCUIT CONDUIT CONCEALED IN WALL OR CEILING
—	BRANCH CIRCUIT CONDUIT CONCEALED IN FLOOR OR UNDERGROUND
—	BRANCH CIRCUIT CONDUIT RUN EXPOSED
—	FLEX CONDUIT
—	HOVERLUN TO PANEL BOARD WITH PANEL CIRCUIT DESIGNATED
—	2 #12, 1/2" C.
—	3 #12, 1/2" C.
—	4 #12, 1/2" C.
—	5 #12, 3/4" C.
—	6 #12, 3/4" C.
—	7 #12, 3/4" C.
—	EMERGENCY SYSTEM CONDUIT
—	TELEPHONE SYSTEM CONDUIT
—	LIGHTING PANEL, SURFACE MOUNTED
—	SWITCHBOARD
—	PLYWOOD BACKBOARD
—	DUPLEX CONVENIENCE RECEPTACLE, +12" UNLESS NOTED
—	CLOCK HANGER OUTLET
—	TELEPHONE OUTLET
—	ELECTRIC DUCT HEATER, CONNECT AS REQUIRED
—	LIGHTING FIXTURE CALL OUT (IE "B" DENOTES FIXTURE TYPE; 240 DENOTES 2-40 WATT LAMPS).
—	MECHANICAL EQUIPMENT DESIGNATION
—	NOTE REFERENCE
—	CONDUIT ONLY
—	OUTLET MOUNTING HEIGHT, FINISH FLOOR TO BOTTOM OF FIXTURE
—	OUTLET MOUNTING HEIGHT, FINISH FLOOR OR GRADE TO CENTERLINE OF OUTLET
—	CIRCUIT
—	WEATHER PROOF
—	FEEDER DESIGNATION
—	ELECTRIC WATER COOLER
—	CONVENIENCE OUTLET
—	FIRE ALARM MANUAL REPORTING STATION, +48" WITH FIRE ALARM HORN AT +72" WALL MOUNTED
—	FIRE ALARM HORN WALL MOUNTED, +72"
—	FIXED TEMPERATURE 158° THERMOTECTOR & OUTLET BOX CEILING MOUNTED
—	FIXED TEMPERATURE 177° THERMOTECTOR & OUTLET BOX CEILING MOUNTED UNLESS NOTED
—	RATE OF RISE AND FIXED TEMPERATURE 155° THERMOTECTOR & OUTLET BOX CEILING MOUNTED
—	FIRE ALARM CONTROL PANEL

E. WARREN BRUCE ARCHITECT
 6370 MAGNOLIA AVE.
 SILVERSIDE, CALIF. 92683
 TELE. (714) 761-9354
 A.I.A.
 SINGLE LINE DIAGRAM FEEDER SCHEDULE & SYMBOL LIST
 PROTOTYPE COMMUNITY RECREATION CENTER
 DATE: 7-10-27-80
 DRAWN: JWB
 CHECKED: JWB
 REVISED:

