PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK & RECREATION DEPARTMENT

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NOT A PART

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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.

E-2472 NOV. 8/1978

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TITLE SHEET INDEX

PROTOTYPE COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
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REVISED APRIL 26, 1978
JOB 7620

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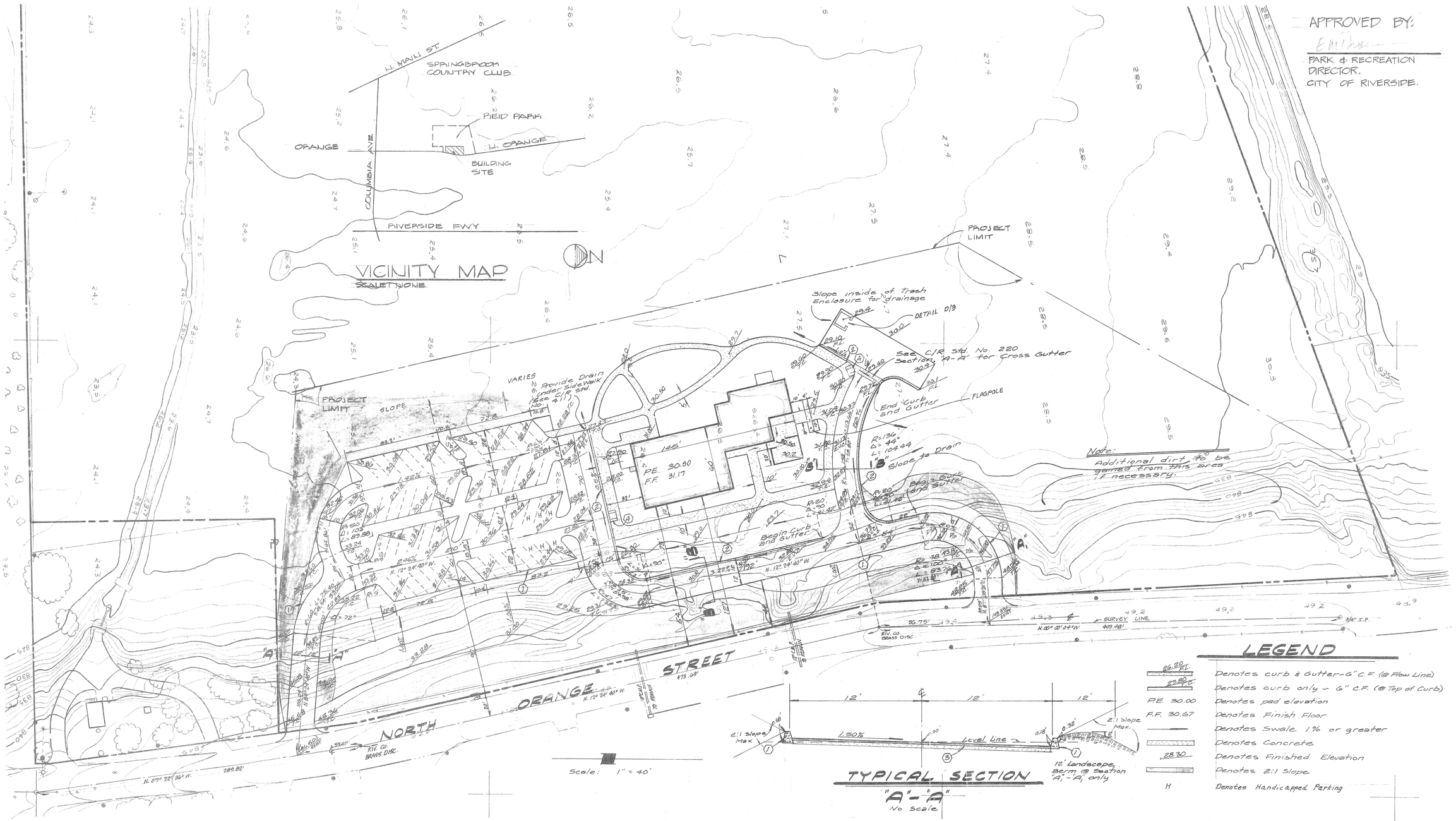
OF 15 SHEETS



Scale: 1" = 40'

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-1557-58T. 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

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

EARTHWORK NOTE

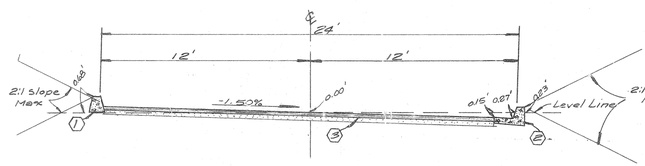
The below Quantities do not reflect Subsidence, Shrinkage or any special conditions called for by the preliminary Soils Investigation. Prior to grading, the Contractor is to review the preliminary Foundation Investigation prepared by Pacific Foundation Engineers Inc. under Report No. P.F.E.-7123 dated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

EARTHWORK QUANITITIES

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

TYPICAL SECTION "A"-"A"

No Scale



TYPICAL SECTION "B"-"B"

No Scale

LEGEND

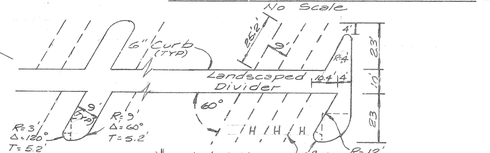
- Denotes curb & Gutter-6" C.F. (@ Flow Line)
- Denotes curb only - 6" C.F. (@ Top of Curb)
- P.E. 30.00 — Denotes pad elevation
- F.F. 30.67 — Denotes Finish Floor
- Denotes Swale 1% or greater
- Denotes Concrete
- Denotes Finished Elevation
- Denotes 2:1 Slope
- H — Denotes Handicapped Parking

CONSTRUCTION NOTES

1. Construct 6" Curb per Standard No. 200 Type II.
2. Construct 6" Curb & Gutter per Standard No. 200 Type I.
3. Construct 2½" A.C. paving over 7" D.G.
4. Construct standard 304 Wheelchair Ramps

PARKING DETAIL

No Scale.



APPROVED BY:

PARK & RECREATION DIRECTOR, CITY OF RIVERSIDE.

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

GRADING PLAN
REID PARK
VICINITY MAP

PROTOTYPE
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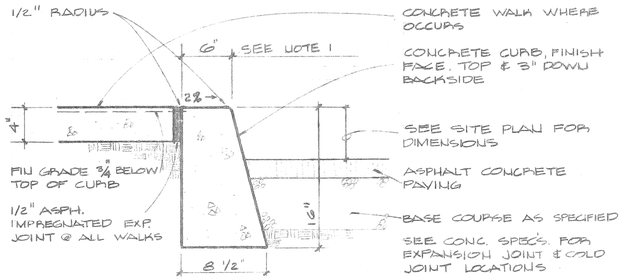
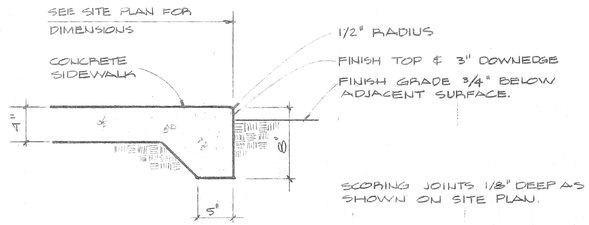


NOTE:
1. CURB LOCATION DIMENSIONS ON PLAN SHALL BE TO THIS POINT.
2. EXPANSION JOINTS ½" THICK SHALL BE INSTALLED AT ALL CURB RETURNS WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT 10' INTERVALS THROUGHOUT THE LENGTH OF THE CURB, AT QUARTER POINTS OF CURB RETURNS.

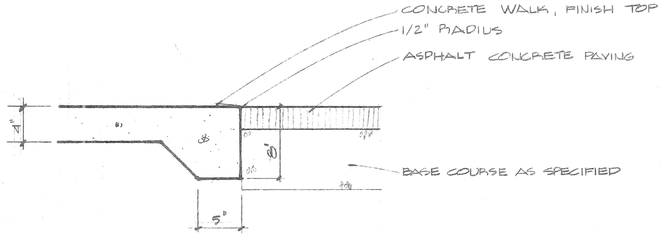
SCALE: 1½" = 1'-0"

C



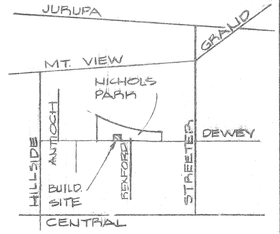
SCALE: 1½" = 1'-0"

B



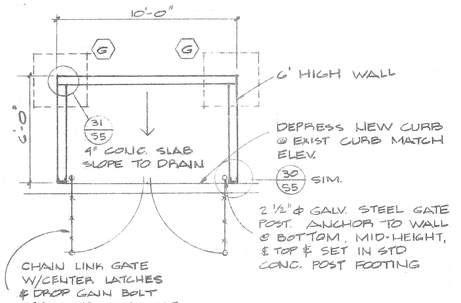
SCALE: 1½" = 1'-0"

A



SCALE: NONE

VICINITY MAP

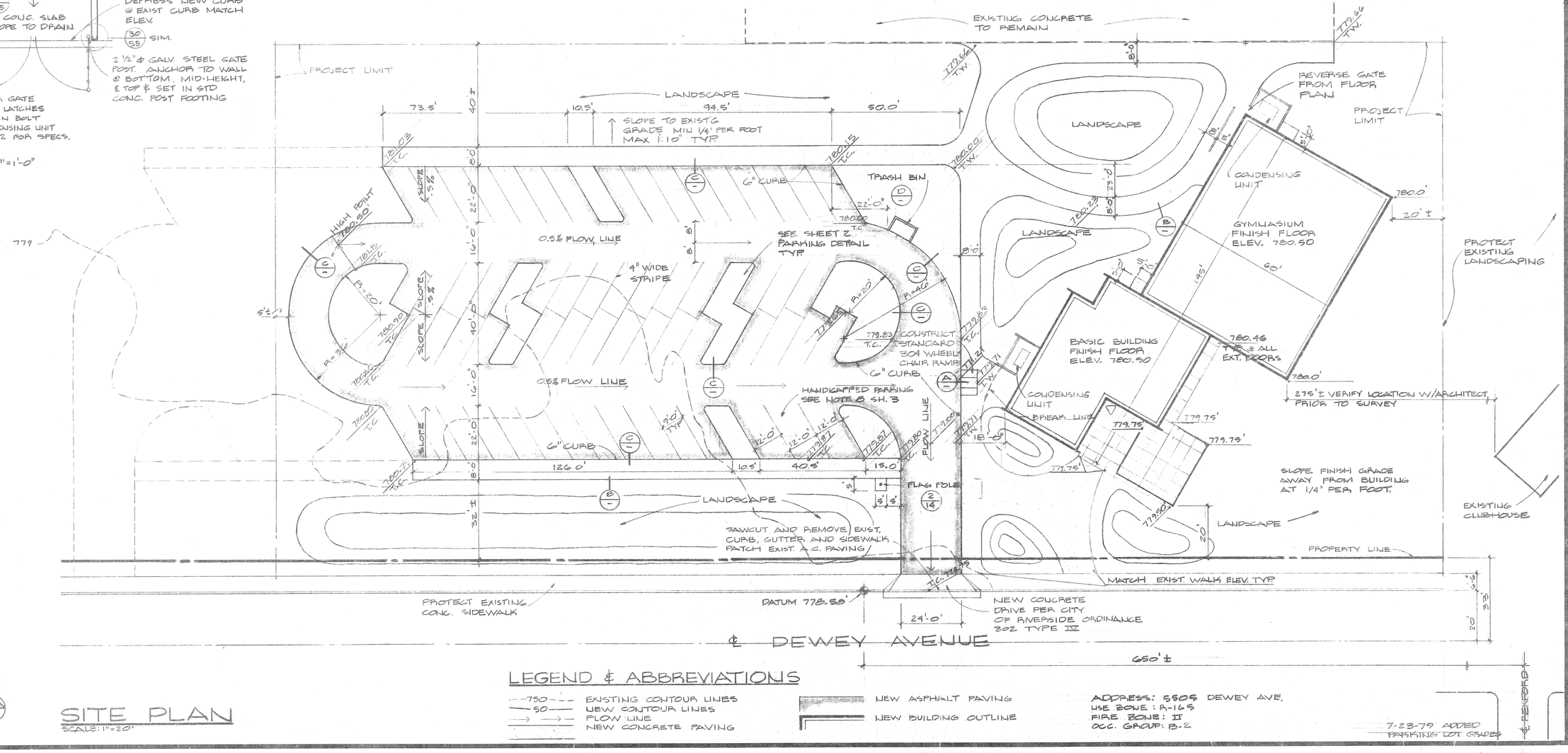


SCALE: 1/4" = 1'-0"

D

APPROVED BY:

PARK & RECREATION DIRECTOR.
CITY OF RIVERSIDE.



N

SITE PLAN
SCALE: 1"=20'

LEGEND & ABBREVIATIONS

--750--- EXISTING CONTOUR LINES
—50— NEW CONTOUR LINES
→ FLOW LINE
NEW CONCRETE PAVING
NEW ASPHALT PAVING
NEW BUILDING OUTLINE

ADDRESS: 5505 DEWEY AVE.
USE ZONE: A-1-65
FIRE ZONE: II
OCC. GROUP: B-2

7-23-79 ADDED PARKING LOT GRADES

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NICHOLS PARK
SITE PLAN
VICINITY MAP
DETAILS

PROTOTYPE
COMMUNITY RECREATION CENTER
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PARK AND RECREATION DEPARTMENT

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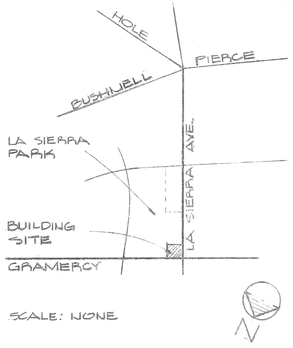
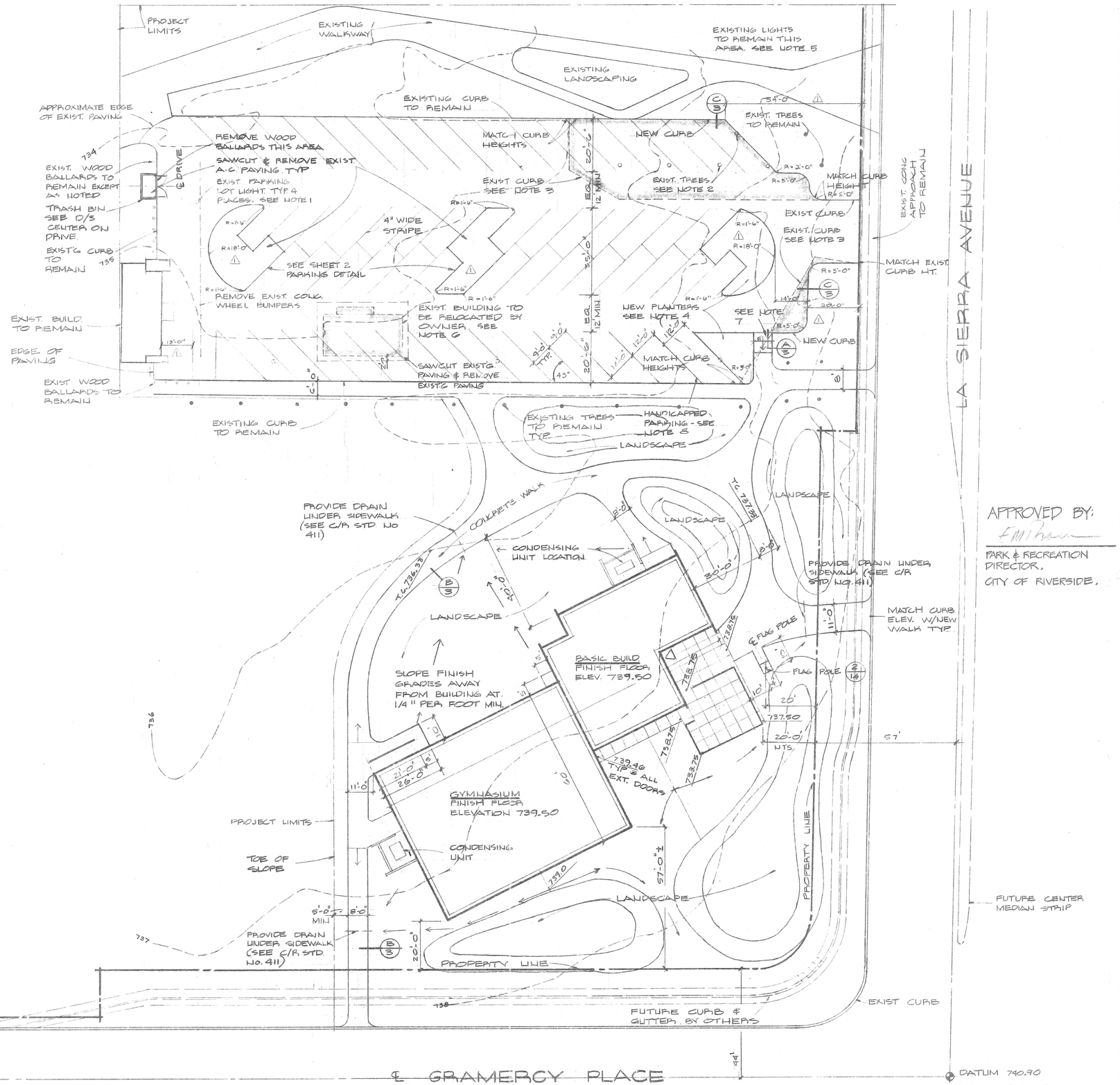


VICINITY MAP

GENERAL NOTES

1. REMOVE EXISTING LIGHT STANDARDS AND CONC. BASES. DISCONNECT FROM EXISTING SERVICE. ABANDON EXISTING CONDUIT BELOW PAVING. RETURN LIGHT STANDARDS TO OWNER.
2. REMOVE AND RELOCATE EXISTING TREES. ON SITE LOCATION TO BE COORDINATED WITH OWNER.
3. REMOVE EXISTING CONC. CURB AND REMOVE FROM SITE. SAWCUT EXISTING CURB AS REQUIRED TO PROVIDE CLEAN BREAK.
4. SEE IRRIGATION AND PLANTING PLANS.
5. ELECTRICAL CONTRACTOR TO REWORK EXISTING POWER AS REQUIRED.
6. REMOVE EXISTING CONC. SLAB AND FOOTING. FILL FOOTINGS IN ACCORDANCE WITH EARTH-WORK SPECIFICATIONS.
7. CONSTRUCT STANDARD 304 WHEELCHAIR RAMP.
8. HANDICAPPED PARKING: STRIPPING, SYMBOLS & SIGNS TO CONFORM TO LOCAL, STATE & FEDERAL ORDINANCES.



LEGEND & ABBREVIATIONS

- 750 — EXISTING CONTOUR LINES
- 50 — NEW CONTOUR LINE
- → → → FLOW LINE
- NEW CONCRETE PAVING
- NEW ASPHALT PAVING
- NEW ASPHALT OVERLAY
- NEW BUILDING OUTLINE

ADDRESS: 5215 LA SIERRA AVE
USE ZONE: "O"
FIRE ZONE: II
OCC. GROUP: B-2

SITE PLAN
SCALE: 1" = 20'

APPROVED BY:

PARK & RECREATION DIRECTOR, CITY OF RIVERSIDE.

⚠ 3/16/79 DIMENSIONS OF PARKING LOT

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LA SIERRA PARK
SITE PLAN
VICINITY MAP

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DOOR SCHEDULE

DOOR NO	DOOR SIZE	TYPE	THICKNESS	CONSTRUCT	FACING FIN	RATING	GLASS	FRAME	REMARKS
									H.M.-HOLLOW METAL; S.C. SOLID CORE; W-WOOD; M-METAL
1	3'-0" X 6'-8"	A	1¾	HM	M	-	-	HM	
2	3'-0" X 6'-8"	A	1¾	S.C.	W	-	-	HM	
3	PR 3'-0" X 6'-8"	C	1¾	S.C.	W	-	-	HM	
4	3'-0" X 6'-8"	B	1¾	S.C.	W	-	-	HM	
5	3'-0" X 6'-8"	B	1¾	S.C.	W	-	-	HM	
6	3'-0" X 6'-8"	A	1¾	S.C.	W	-	-	HM	
7	3'-0" X 6'-8"	A	1¾	S.C.	W	-	-	HM	
8	3'-0" X 6'-8"	A	1¾	HM	M	-	-	HM	1½ HR RATED
9	3'-0" X 6'-8"	A	1¾	S.C.	W	-	-	HM	
10	3'-0" X 6'-8"	A	1¾	S.C.	W	-	-	HM	
11	PR 3'-0" X 6'-8"	C	1¾	HM	M	-	-	HM	FULL LOUVRE
12	3'-0" X 6'-8"	A	1¾	HM	M	-	-	HM	
13	4'-0" X 4'-0"	D	-			-	-	HM	1½ HR RATED
14	4'-0" X 4'-0"	D	-			-	-	HM	1½ HR RATED
15	3'-0" X 6'-8"	B	1¾	HM	M	-	-	HM	
16	3'-0" X 6'-8"	B	1¾	HM	M	-	-	HM	
17	3'-0" X 6'-8"	B	1¾	HM	M	-	-	HM	
18	3'-0" X 6'-8"	B	1¾	HM	M	-	-	HM	
19	3'-0" X 6'-8"	A	1¾	HM	M	-	-	HM	
20	3'-0" X 6'-8"	A	1¾	HM	M	-	-	HM	1-HR RATED
21	6'-0" X 4'-0"	D	-			-	-	HM	1½ HR RATED
22	3'-0" X 6'-8"	A	1¾	HM	M	-	-	HM	EMERGENCY EXIT ONLY

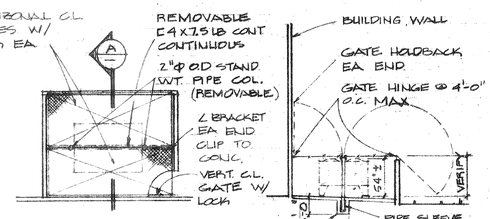
12"x18" LOUVRE W/ 1/8" MESH BEHIND (GALV)

LOUVRE W/1/8 MESH (GALV) BEHIND-SEE DOOR SCHEDULE

A B C D

C.L. GATE SPECIFICATIONS

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

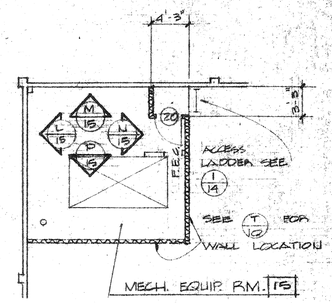


PLAN SECTION A

- TYPICAL 2 LOCATIONS EA BUILDING
- SEE STRUCTURAL PLANS FOR DIMENSIONS

CONDENSING UNIT COVER

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



MECH. EQUIP. RM.

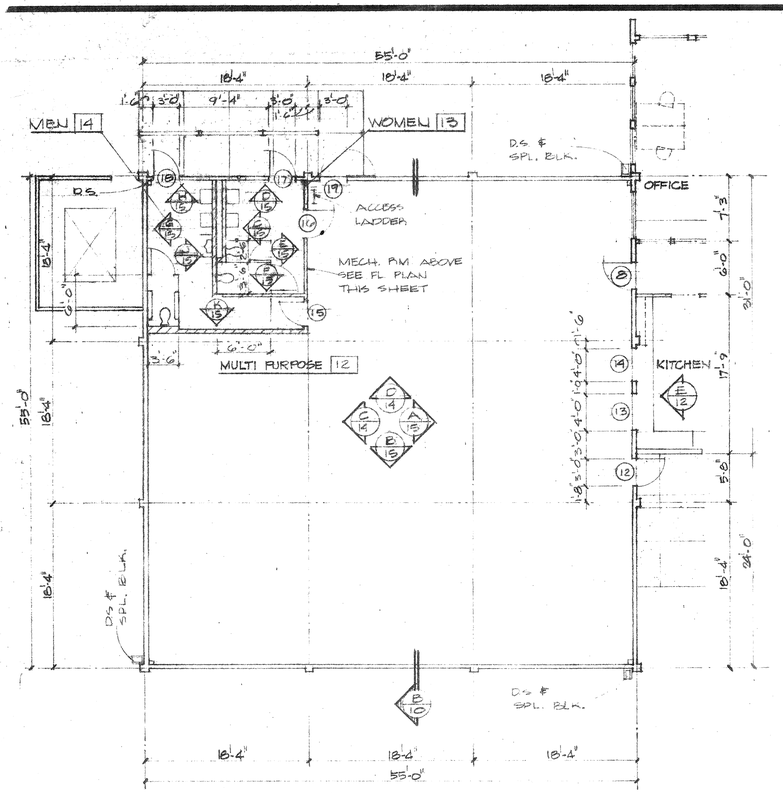
GYMNASIUM & MULTI PURPOSE

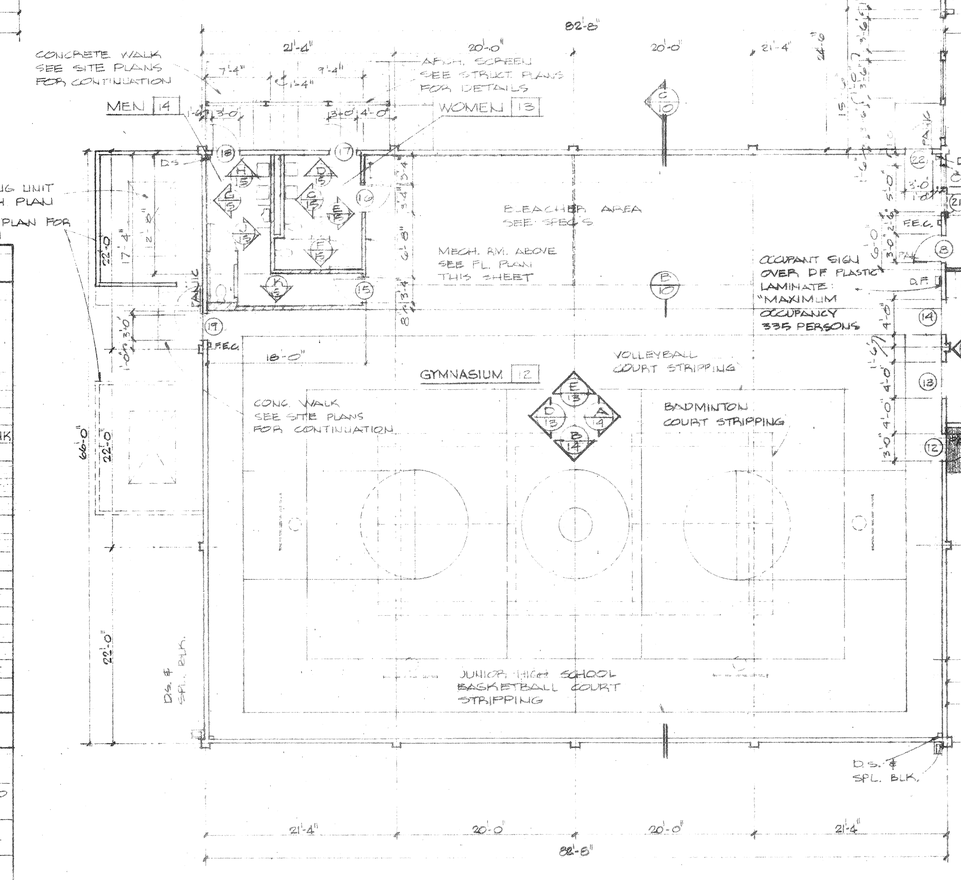
SCALE: 1/8" = 1'-0"

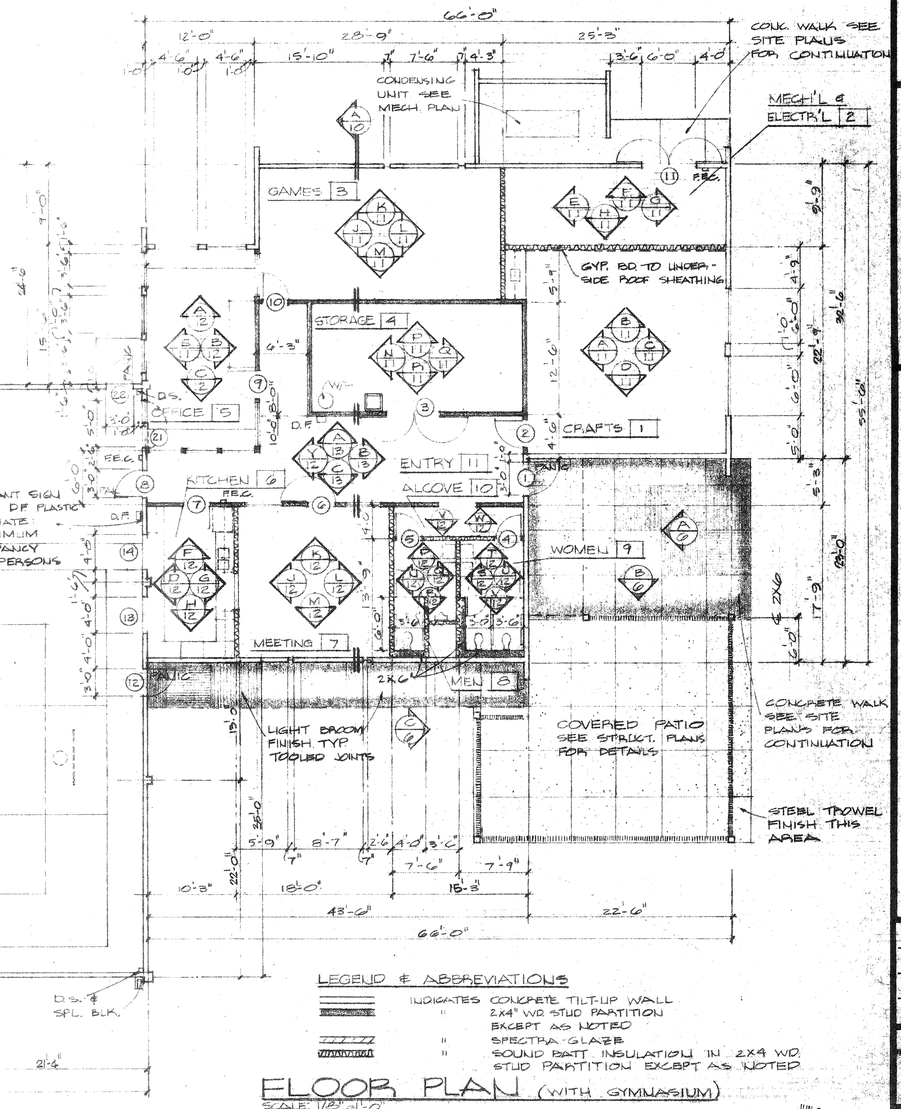
NOT A PART OF CONTRACT

FLOOR PLAN (MULTI PURPOSE ROOM ONLY)

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







FLOOR PLAN (WITH GYMNASIUM)

SCALE: 1/32" = 1'-0"

NOTE! SEE SITE PLAN FOR ORIENTATION

JUN 23 1981

LEGEND & ABBREVIATIONS

- INDICATES CONCRETE TILT-UP WALL
- " 2X4" WD STUD PARTITION EXCEPT AS NOTED
- " SPECTRA-GLAZE
- " SOUND BATT INSULATION IN 2X4 WD. STUD PARTITION EXCEPT AS NOTED

ROOM FINISH SCHEDULE

ROOM NO	ROOM TITLE	FLOOR	BASE	WALLS 1	WALLS 2	WALLS 3	WALLS 4	CEILING	CEIL. HT	REMARKS
										KEY: 2 / 1 + 3 / 4
1	CRAFTS	C	F	H	H	K	K	P*	8'-0"	*1-HR ASSEMBLY
2	MECH'L. & ELECT'L.	A	-	H	K	K	H	H	VARIES	
3	GAMES	C	F	H/K	K	H	H	J		
4	STORAGE	A	F	H	H	H	H*	B*	8'	*CERAMIC TILE & SERVICE SINK
5	OFFICE	C	F	K	K	H	H	J	VARIES	
6	KITCHEN	C	F	K	H	H	K	H	8'	
7	MEETING	B	F	H	H	H	K	J	VARIES	
8	MEN	D	D	G	G	G	G	H	8'	
9	WOMEN	D	D	G	G	G	G	H	8'	
10	ALCOVE	C	F	H	H	H	H	H	8'	
11	ENTRY	C	F	H/K	H	H/K	H	H/J	8'-0"	
12	GYMNASIUM	C/E	F	A/J H/M	A/J H/M	A/J	A/J	H/P	VARIES	*1-HR ASSEMBLY
13	MULTI-PURPOSE*	C	F	A	A	A	A	P	24'-0"	*NOT A PART OF CONTRACT
14	WOMEN	D	D	N	N	N	N	K	8'	
15	MEN	D	D	N	N	N	N	K	8'	
16	MECH. EQUIP. RM.	A	-	H*	H*	H*	H*	H	VARIES	*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

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FLOOR PLANS
FINISH SCHEDULE
DOOR SCHEDULE

PROTOTYPE COMMUNITY RECREATION CENTER

CITY OF RIVERSIDE, CALIFORNIA

DEPARTMENT OF PARKS & RECREATION

DATE	NOV. 30, 1977
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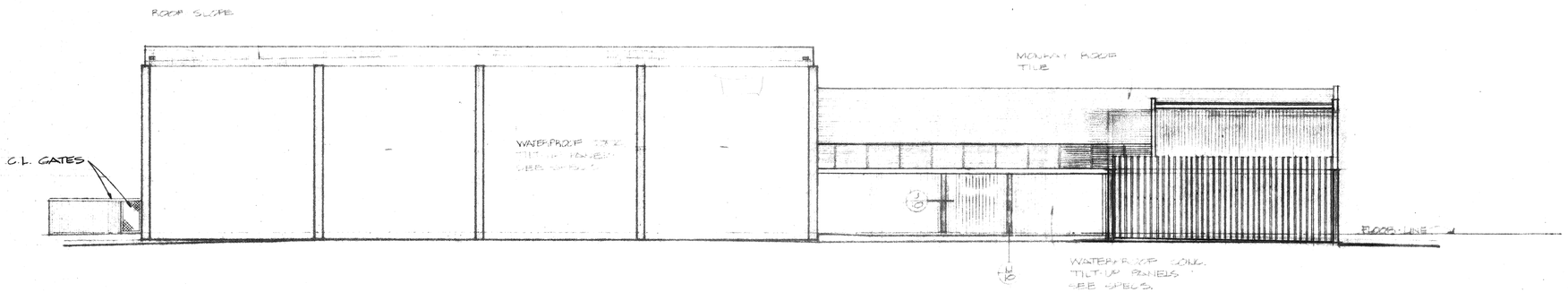
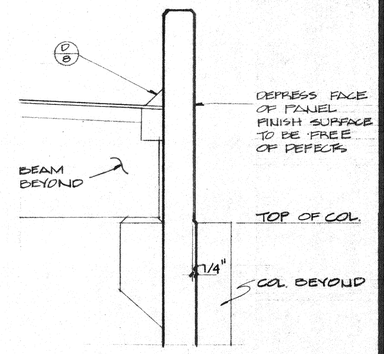
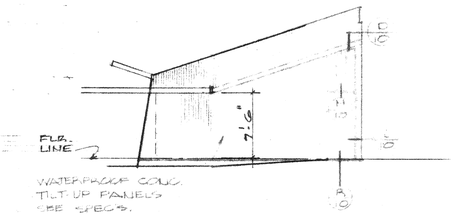


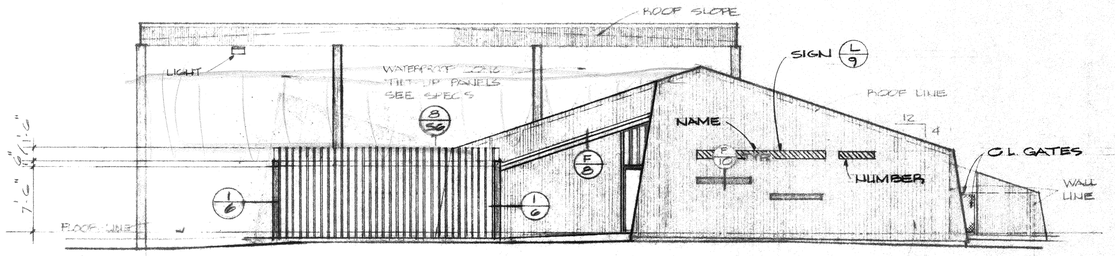
LEFT ELEVATION



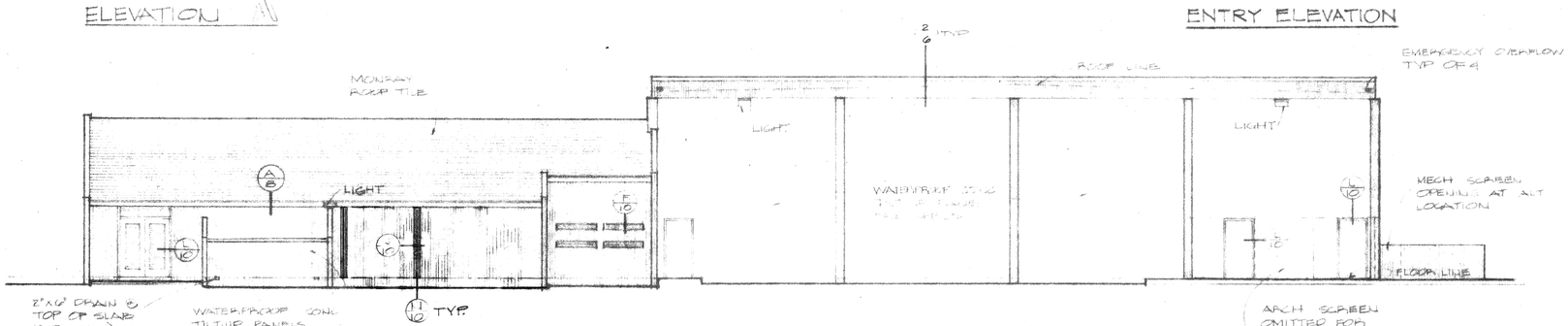
SCALE: 1"=1'-0"



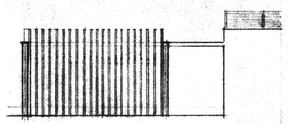
ELEVATION



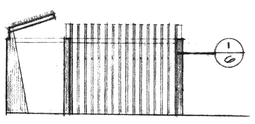
ENTRY ELEVATION



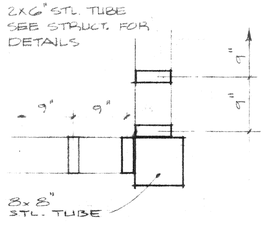
RIGHT ELEVATION



ELEVATION



ELEVATION



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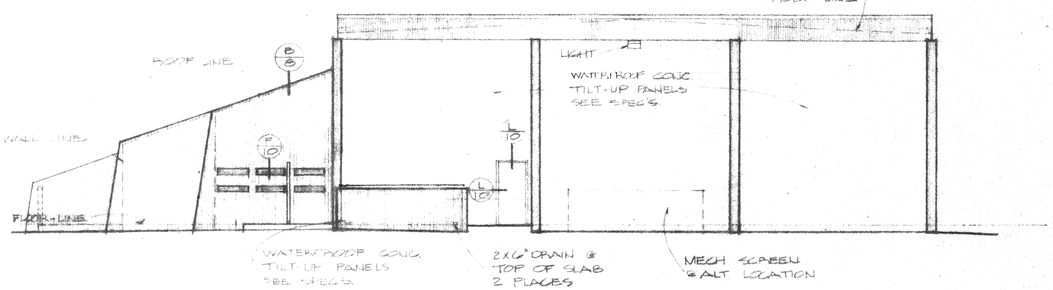

REAR ELEVATION

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

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EXTERIOR ELEVATIONS
GYMNASIUM

PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
DRAWN MJM WJ
CHECKED EWB
REVISED APRIL 26, 1978

JOB 76202

6

OF 15 SHEETS

OF 32

PROTOTYPE
COMMUNITY RECREATION CENTER

CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE NOV. 30,1977
DRAWN MJM W1
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REVISED APRIL 24, 1978

JOB 78202

5

OF 15 SHEETS

EXTERIOR ELEVATIONS
GYMNASIUM

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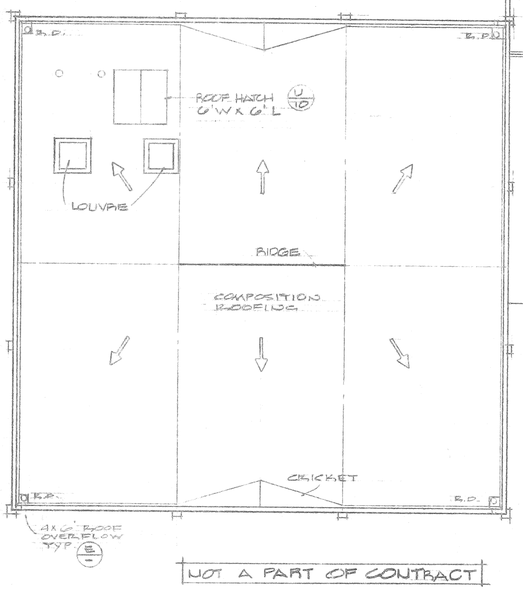
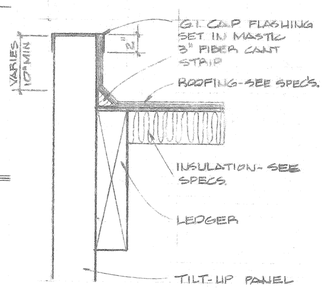
A.I.A.



NOT A PART OF CONTRACT

ROOF PLAN (MULTI-PURPOSE R.M.)

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



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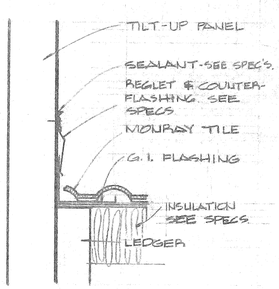

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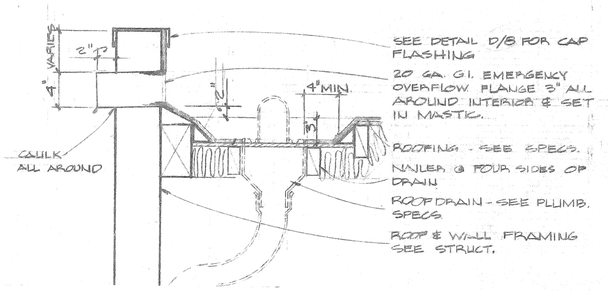

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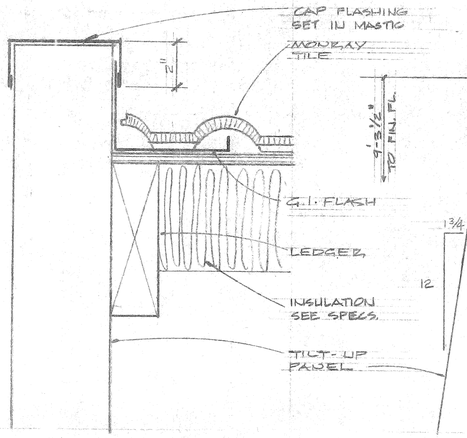

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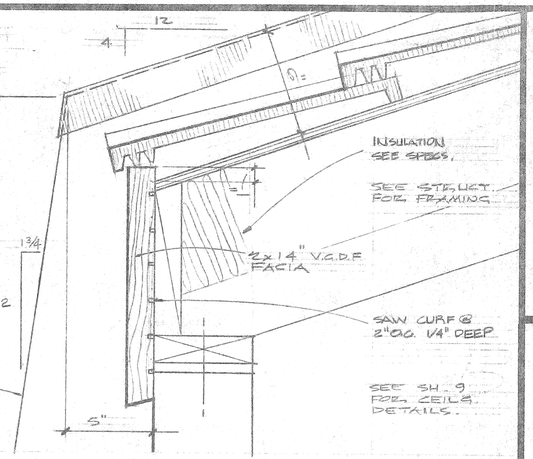

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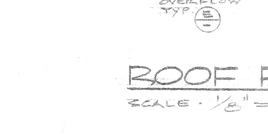

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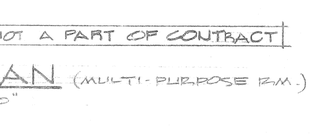

SCALE: 1½"=1'-0"

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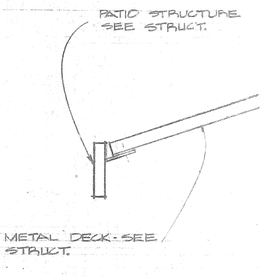

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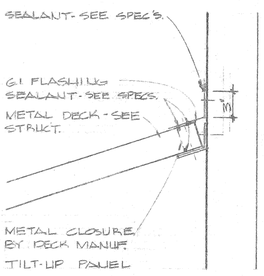
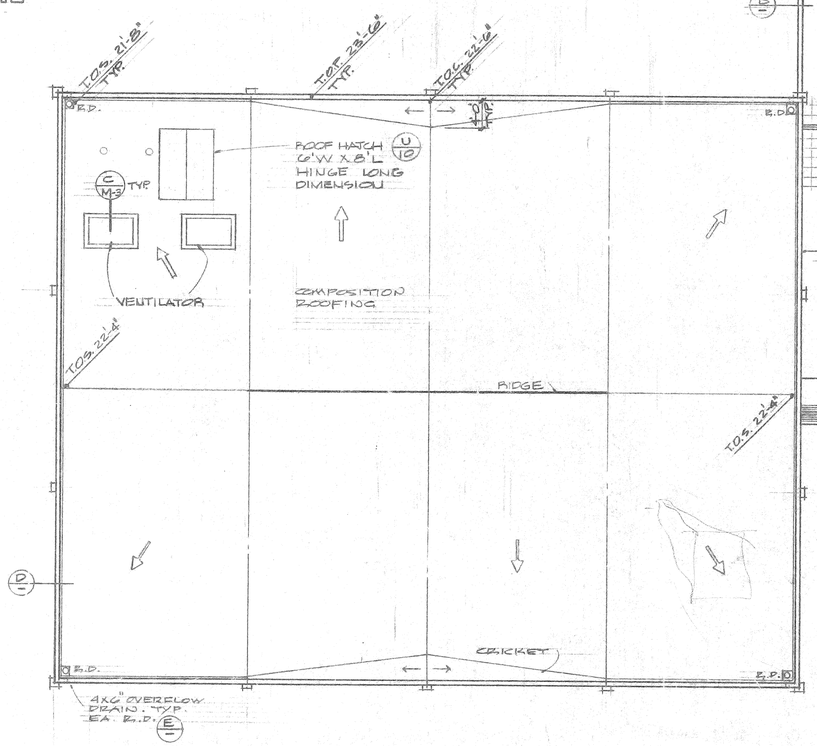


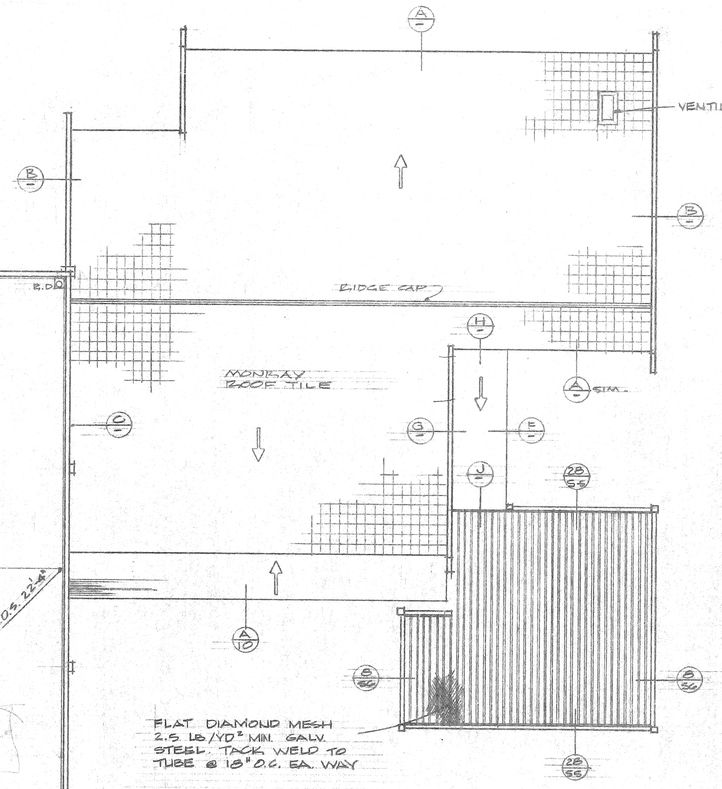
SCALE: 1½"=1'-0"

H



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. 0.00'

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PROTOTYPE COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

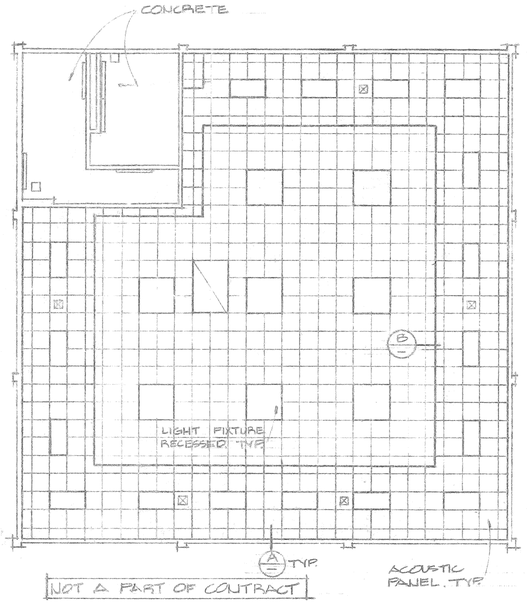
ROOF PLANS & DETAILS

DATE NOV. 30, 1977
DRAWN EWB M.M.
CHECKED EWB
REVISED APRIL 26, 1978
JOB 76207

8

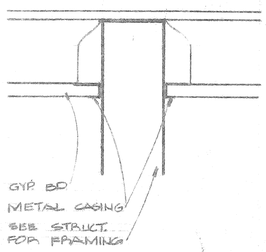
OF 15 SHEETS

OF #2



CEILING PLAN MULTI-PURPOSE

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



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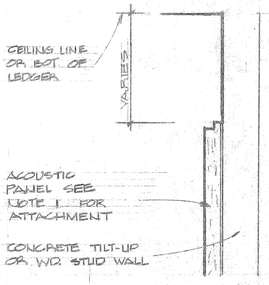

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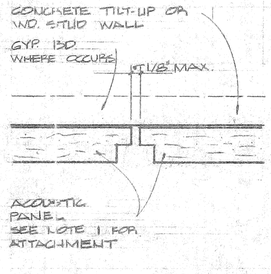

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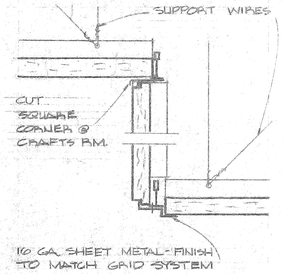

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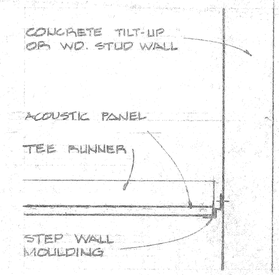

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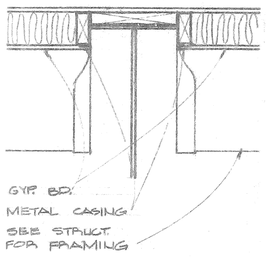

SCALE: 1 1/2"=1'-0"

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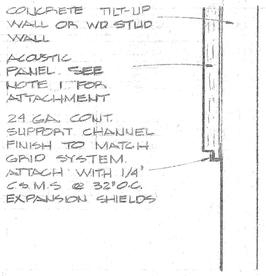
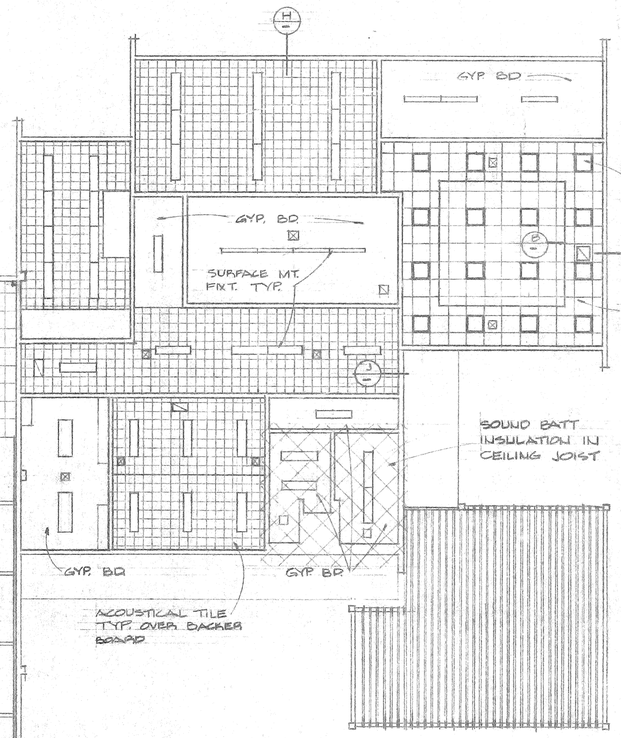


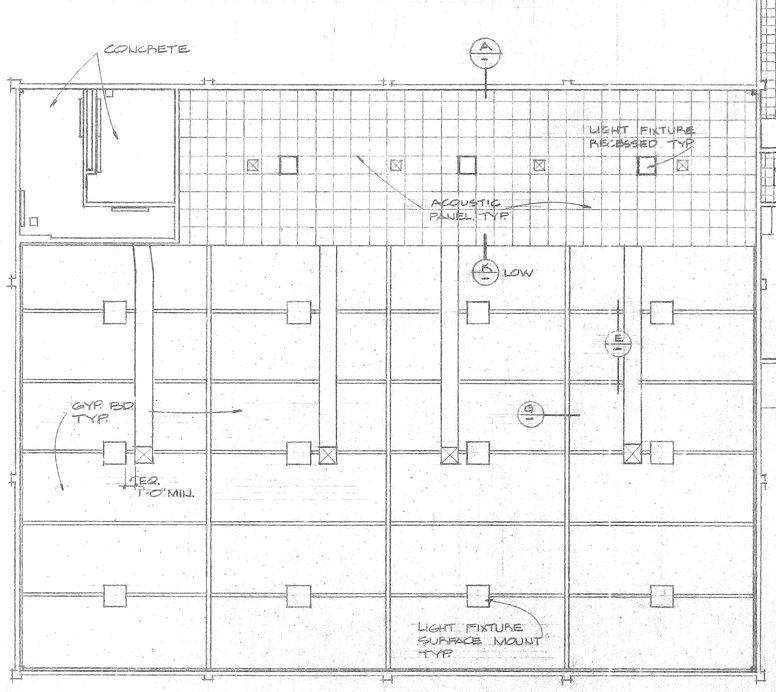
SCALE: NONE

F

GENERAL NOTES:

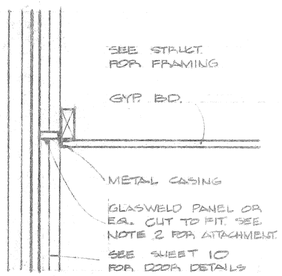
1. ADHESIVE APPLICATION OF ACOUSTIC PANELS SHALL BE IN ACCORDANCE WITH THE MANUFACTURES RECOMMENDATIONS. PANELS SHALL BE TEMPORARILY BRACED TO MAINTAIN CONTACT UNTIL ADHESIVE SETS.
2. ADHESIVE APPLICATION - USE CONSTRUCTION ADHESIVE AS MANUFACTURED BY MIRACLE ADHESIVES CORPORATION.





CEILING PLAN (WITH GYMNASIUM)

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



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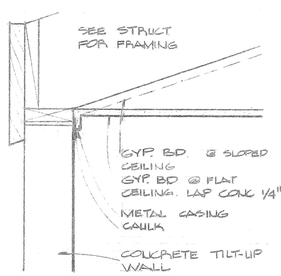

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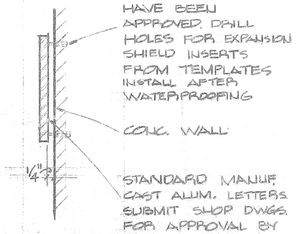

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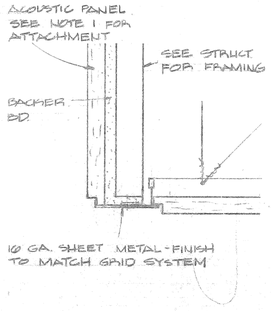

SCALE: NONE

K

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CEILING PLANS & DETAILS

PROTOTYPE COMMUNITY RECREATION CENTER

CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
DRAWN MJM
CHECKED EWB
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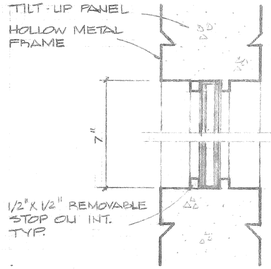
JOB 76202

9

OF 15 SHEETS

OF 28



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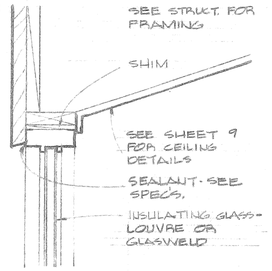

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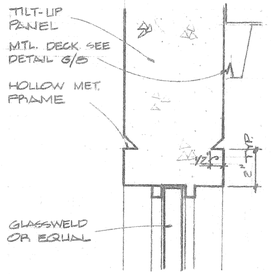

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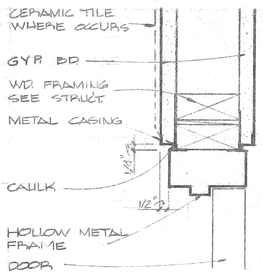

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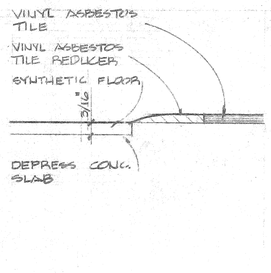

SCALE: FULL

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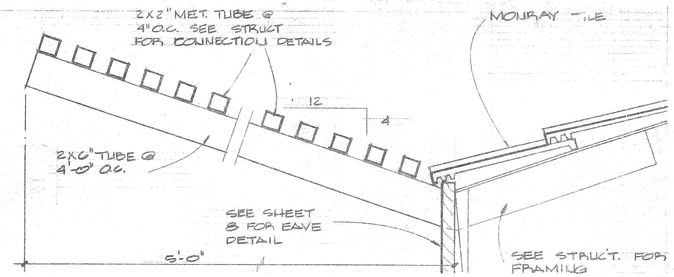

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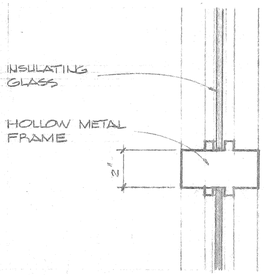

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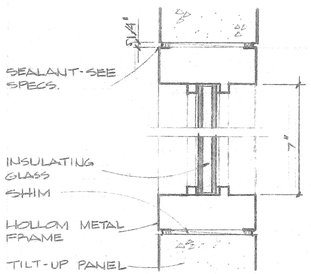

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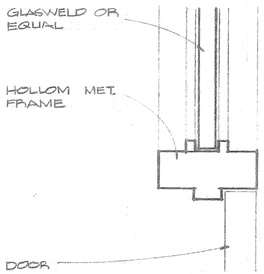

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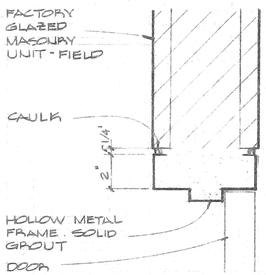

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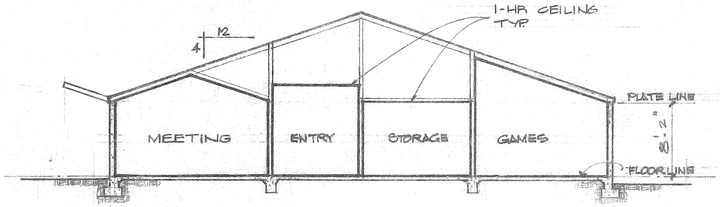
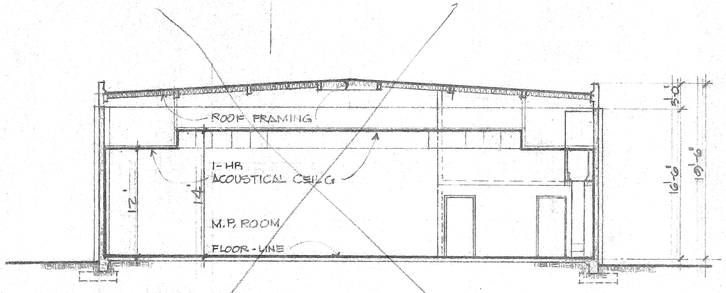
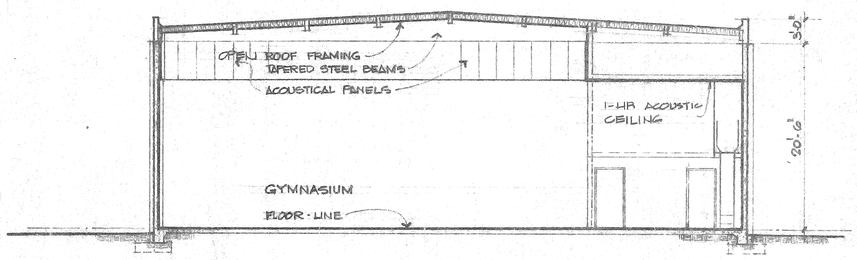


SECTION A BASIC BUILDING

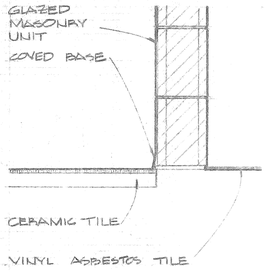


SECTION B MULTI-PURPOSE BUILDING NOT A PART OF CONTRACT



SECTION C GYMNASIUM

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



SCALE: 1½"=1'-0"

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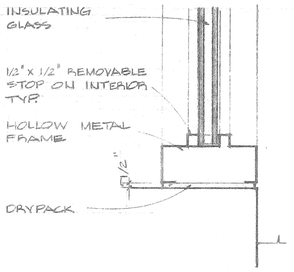

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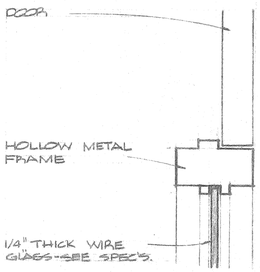

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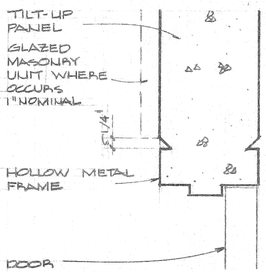

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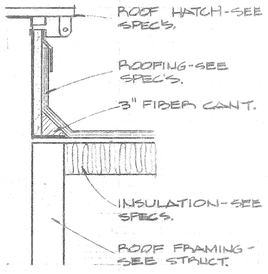

SCALE: 1½"=1'-0"

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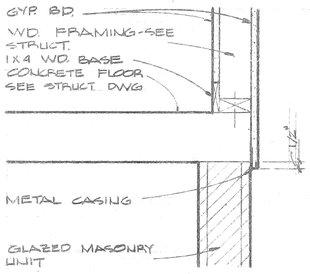

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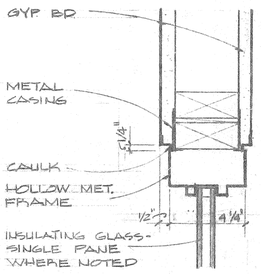

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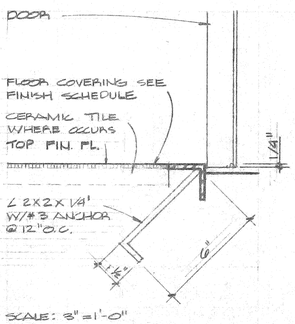

SCALE: 3"=1'-0"

R

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SECTIONS DETAILS

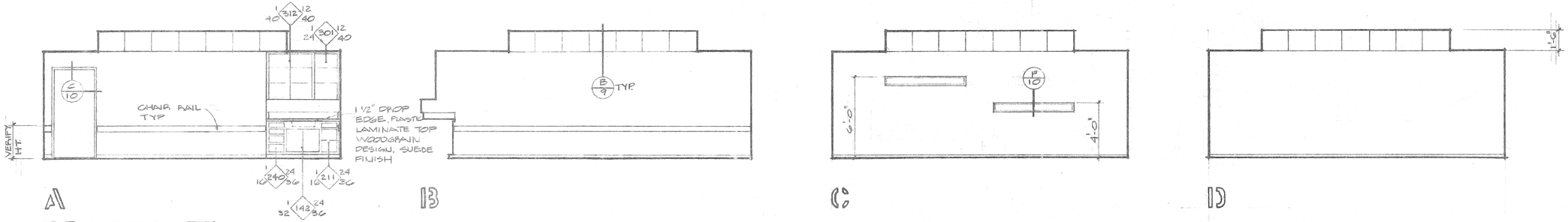
PROTOTYPE COMMUNITY RECREATION CENTER

CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT

DATE NOV. 30 1977
DRAWN MJM WJ
CHECKED EWB
REVISED APRIL 24, 1978
JOB: 76 P 02

10

OF 15 SHEETS



A B C D

CRAFTS 1

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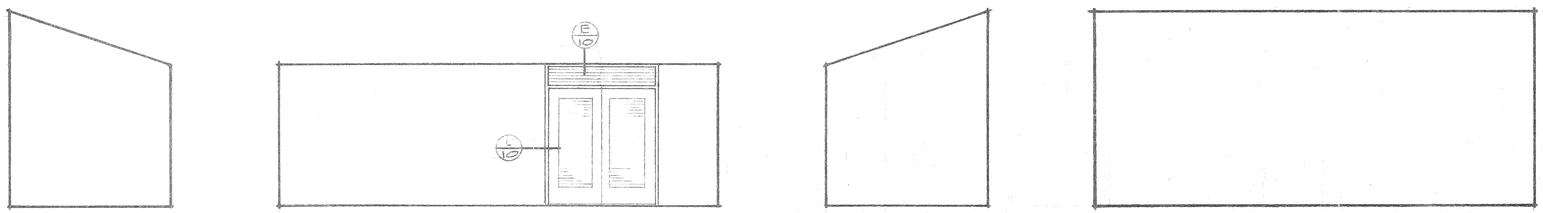
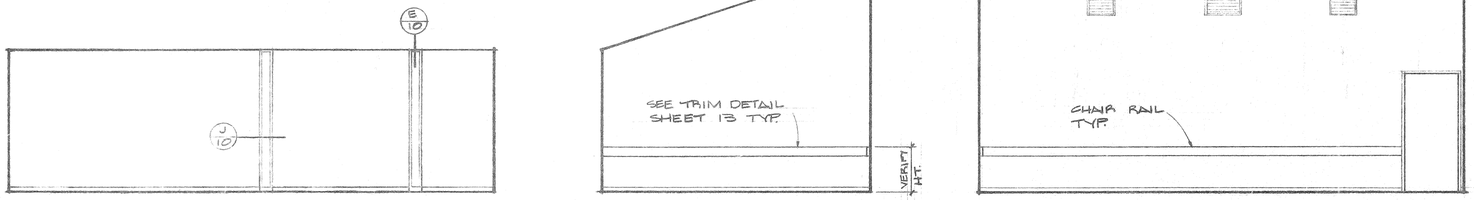


E F G H J

MECH'L & ELECT'L 2

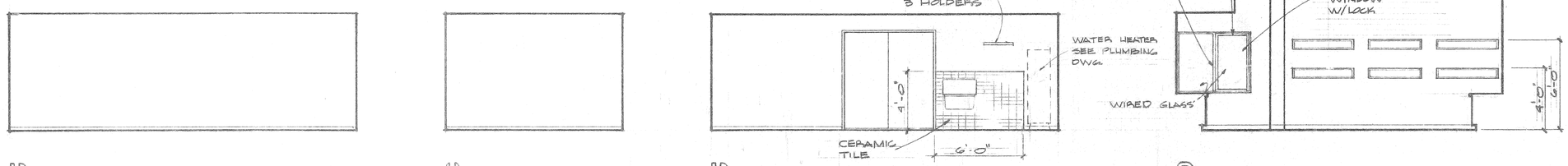
GAMES 3



K L M N

GAMES 3

STORAGE 4



P Q R S

STORAGE 4

OFFICE 5

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INTERIOR ELEVATIONS

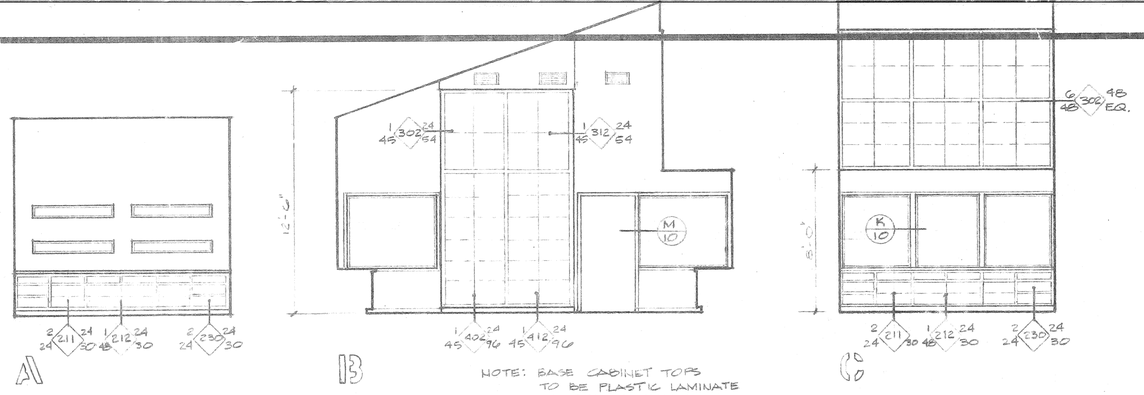
PROTOTYPE COMMUNITY RECREATION CENTER

CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
DRAWN MJM
CHECKED EWB
REVISED APRIL 24, 1978
JOB 76201

11

OF 15 SHEETS
OF 38



OFFICE [5]

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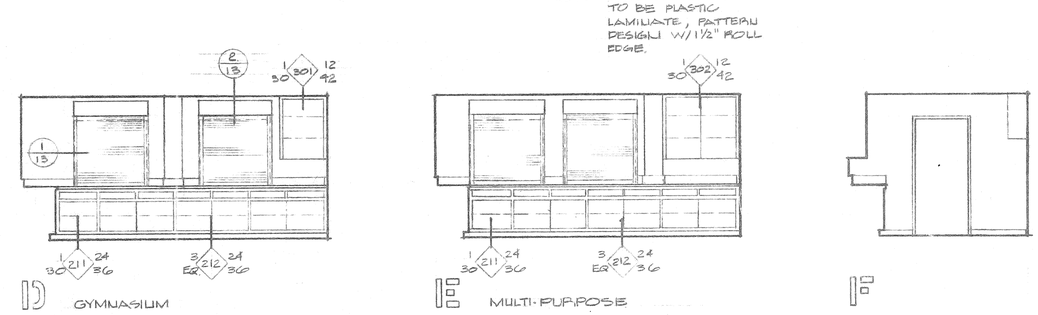

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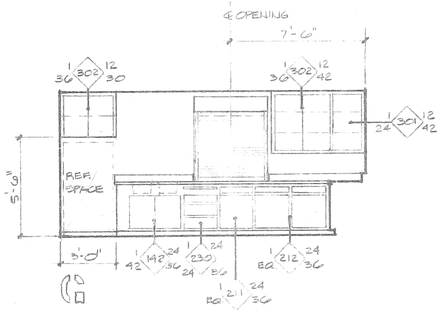

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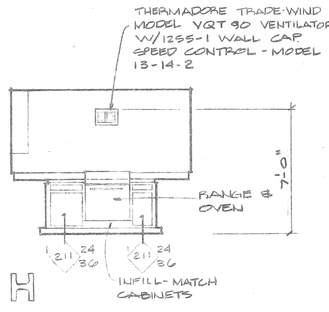

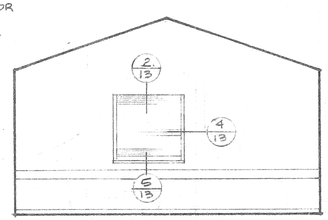

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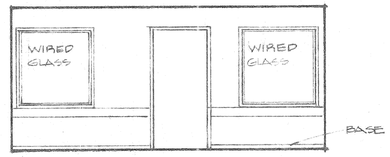
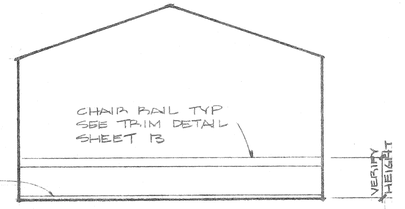
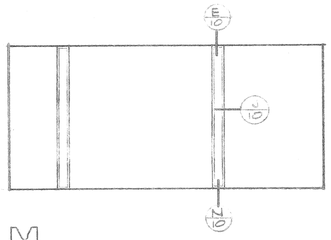
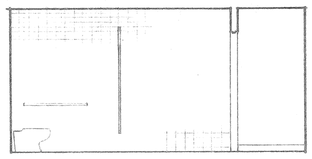


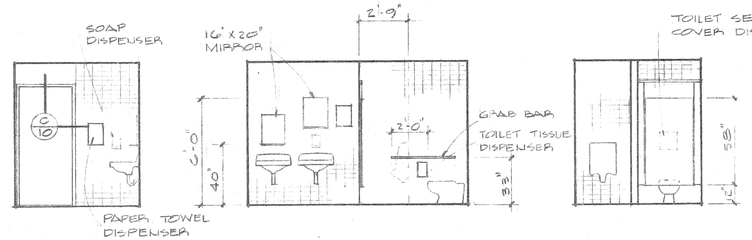


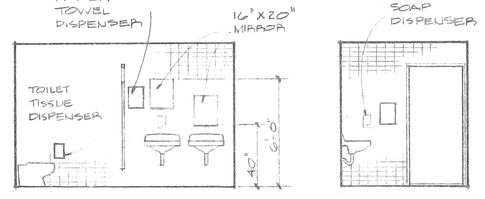
KEY: W.I.C. DETAILS

NO. OF UNITS — DEPTH OF UNIT (12") — W.I.C. SERIES NO. (400) — WIDTH OF UNIT (36") — HEIGHT OF UNIT (36")



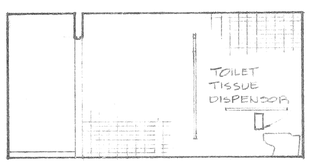


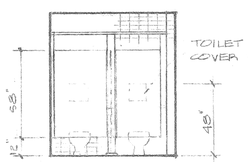


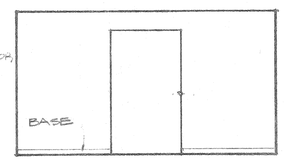


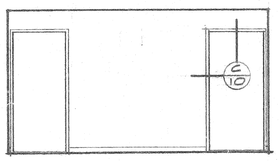
TOILET ROOM ACCESSORIES

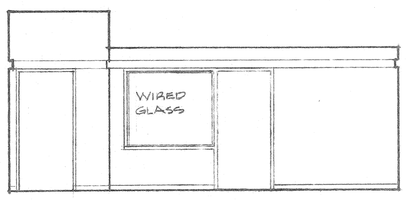
1. TOILET TISSUE HOLDER: BRADLEY #5I8 SINGLE FOLD - 22 GA. - STAINLESS STEEL
2. GRAB BARS: TUBULAR SPECIALTIES MFG. INC. MODEL H48M/CS4, TYPE 304 STAINLESS STEEL W/KNURLED FINISH
3. PAPER TOWEL HOLDERS: PUBLIC SERVICE SINGLE FOLD TOWELS, 22 GA. STEEL - CHROME FINISH, HINGE AT BOTTOM. CROWN ZELLERBACH 102
4. TOILET SEAT COVER DISPENSORS: CHROME PLATE OVER COPPER PLATE ON 22 GA. STEEL SURFACE MOUNT HALF-FOLD, COUSECO # 613-CHROME.
5. POWERED SOAP DISPENSORS - CHROME PLATE ON HVY. GA STEEL, 1 QUART CAPACITY DISPENSERS, FINEST TO COARSE POWERED SOAP, LOCK TOP WITH SPECIAL KEY, VANDALL PROOF, SURFACE MOUNTED, LUVOU CHROME.
6. MIRROR: CHARLES PARKER # 3210, STAINLESS STEEL, VANDALL PROOF SCREWS
7. SANITARY NAPKIN DISPOSAL - BRADLEY MODEL 472, MOUNTS IN TOILET PARTITION TO SERVE TWO COMPARTMENTS











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INTERIOR ELEVATIONS

PROTOTYPE COMMUNITY RECREATION CENTER

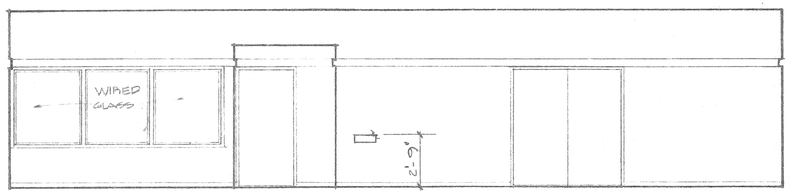
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE: NOV. 30, 1977
DRAWN: MM
CHECKED: EWB
REVISED: APRIL 24, 1978
JOB 76802

12

OF 15 SHEETS

OF 38



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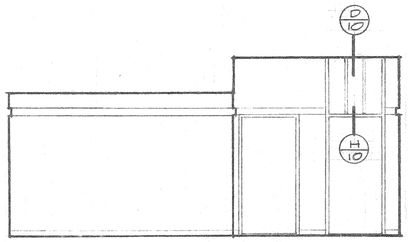

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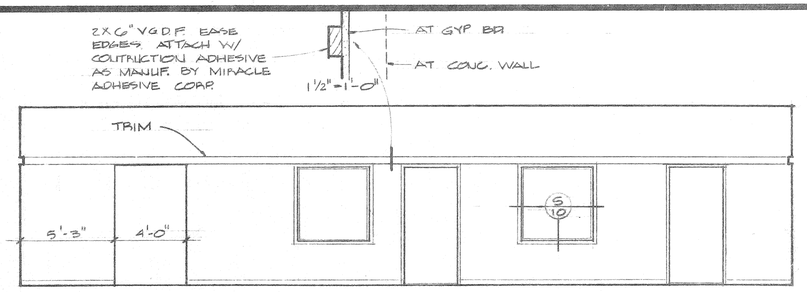

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ENTRY 11

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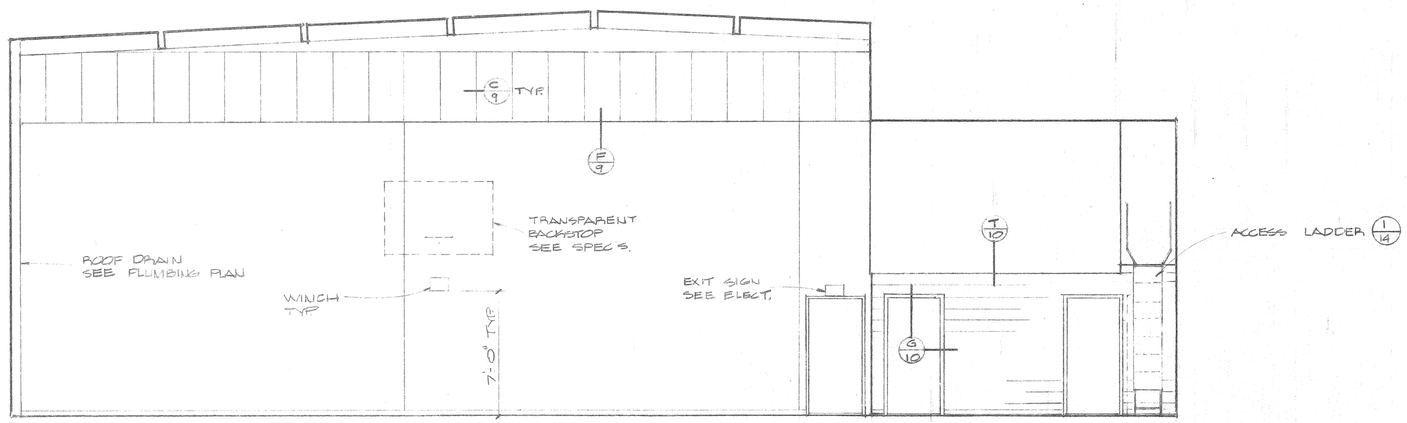

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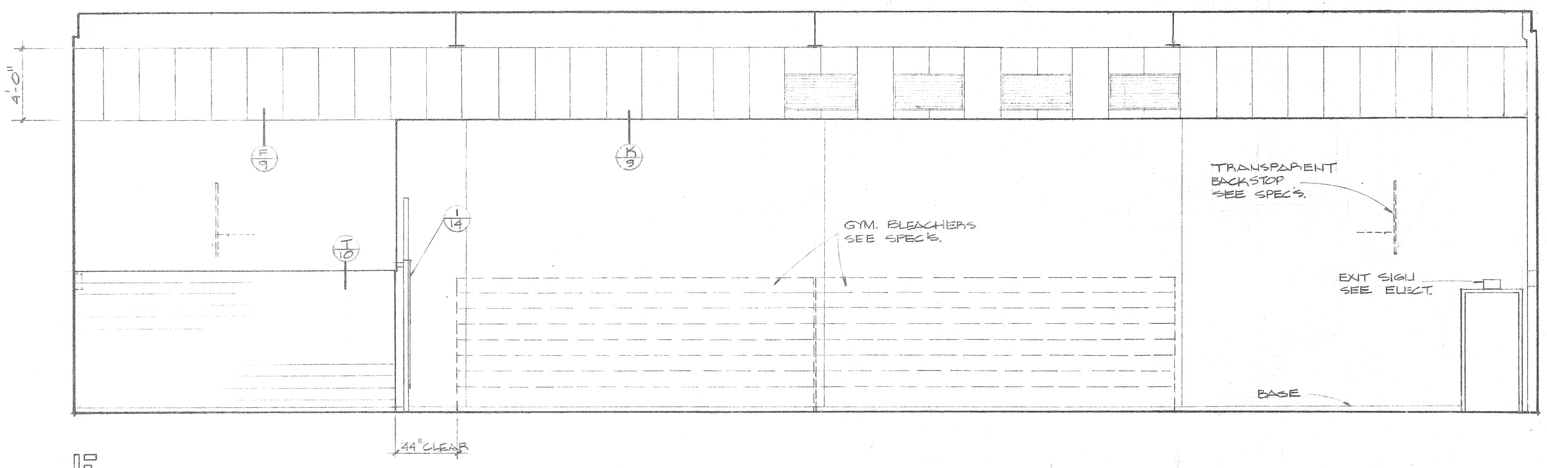
GYMNASIUM 12



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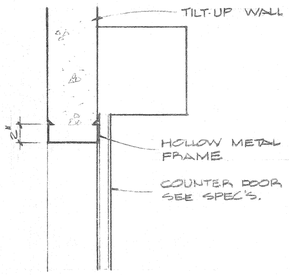

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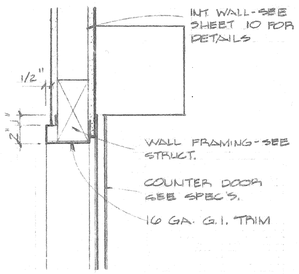

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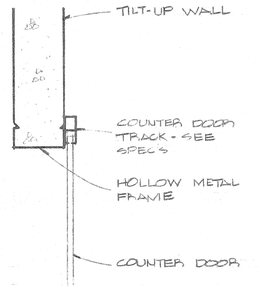

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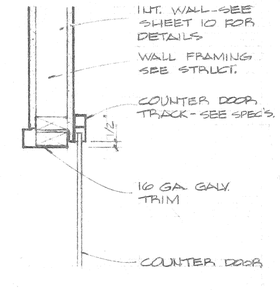

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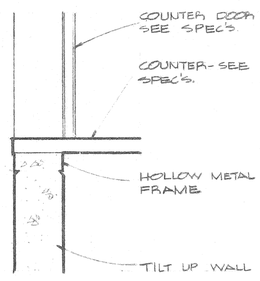

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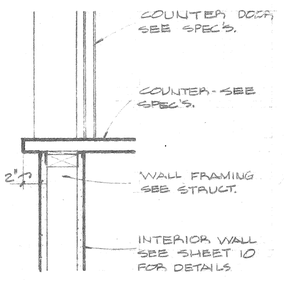

SCALE: 1 1/2"=1'-0"

6

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INTERIOR ELEVATIONS
DETAILS

PROTOTYPE
COMMUNITY RECREATION CENTER

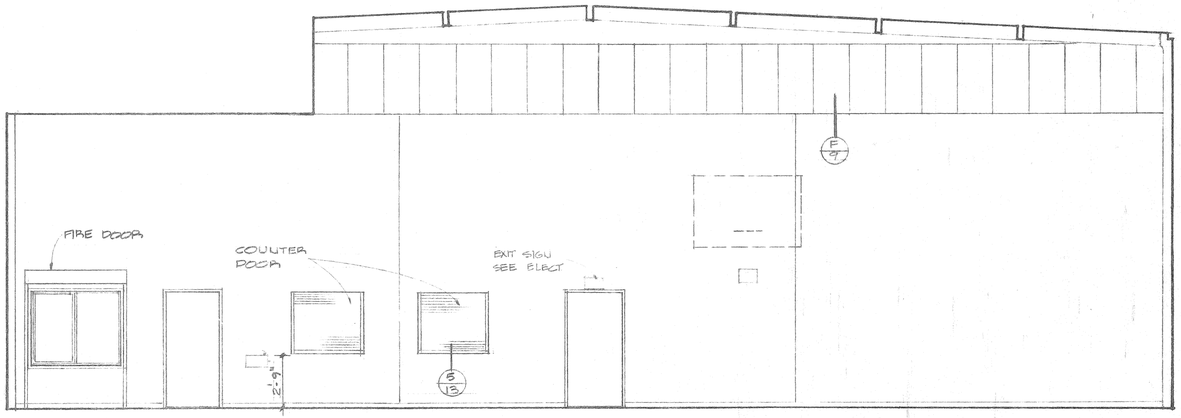
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
DRAWN MJM
CHECKED EW3
REVISED APRIL 26, 1978
JOB 76202

13

OF 15 SHEETS

OF 38



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GYMNASIUM 12

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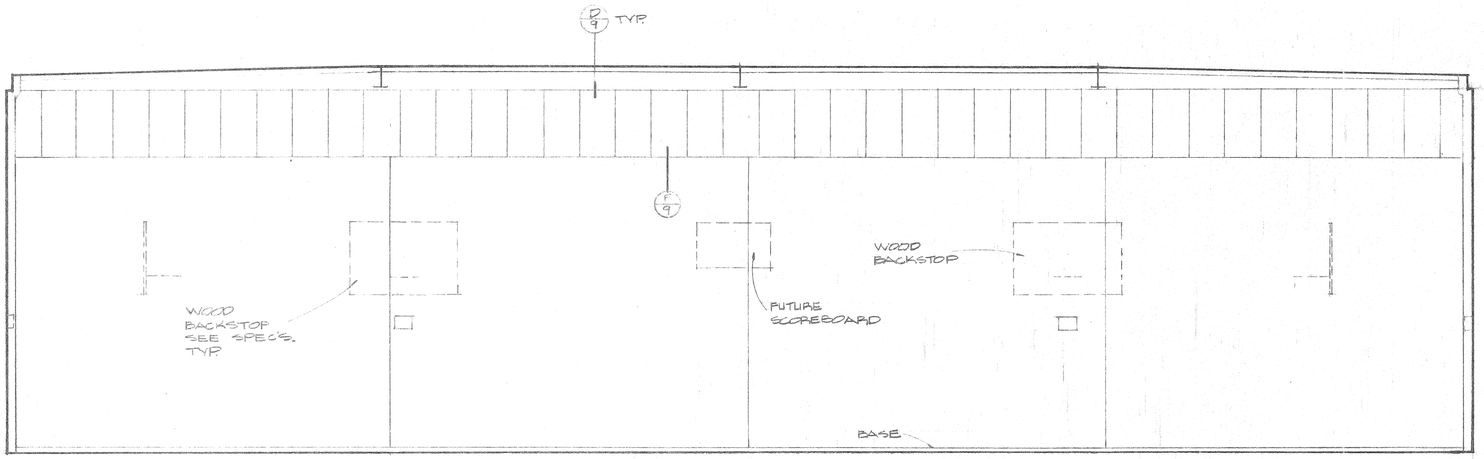

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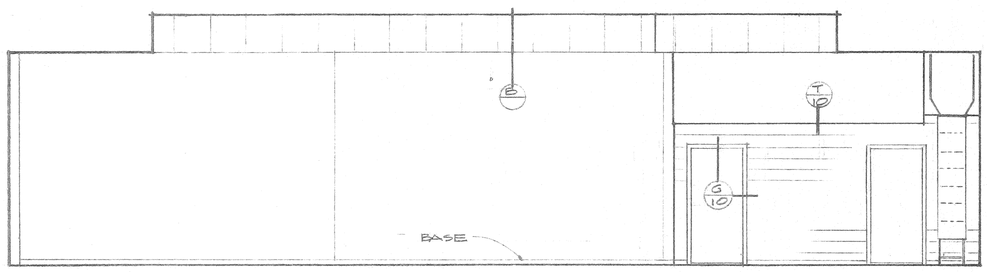

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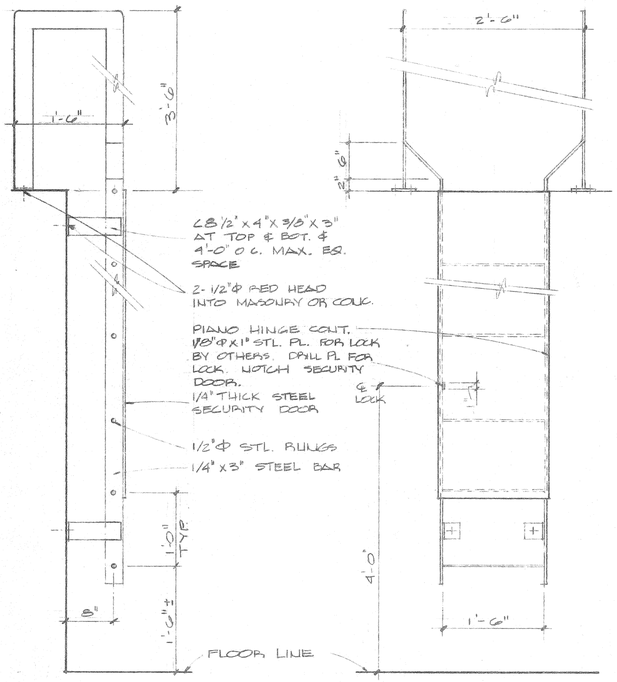
MULTI PURPOSE 12



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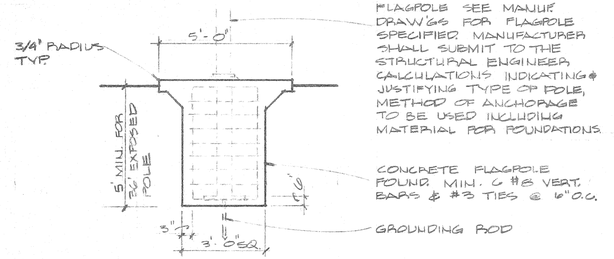

FLAG POLE

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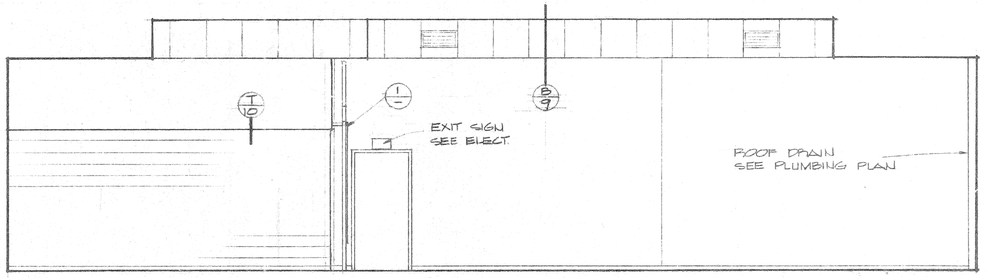

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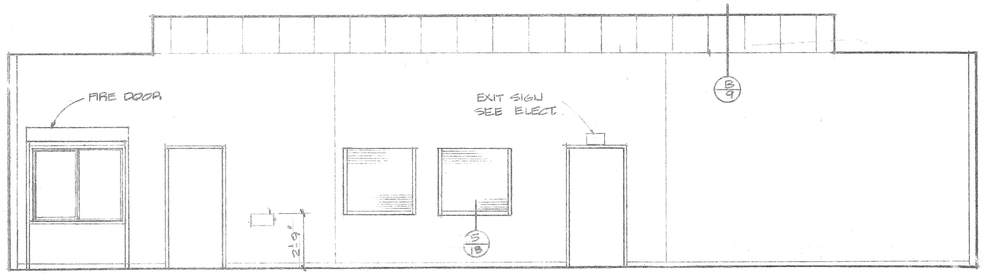
INTERIOR ELEVATIONS
DETAILS

PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
DRAWN MJM
CHECKED EWB
REVISED APRIL 24, 1978
JOB 76272

14

OF 15 SHEETS



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MULTI PURPOSE [12]

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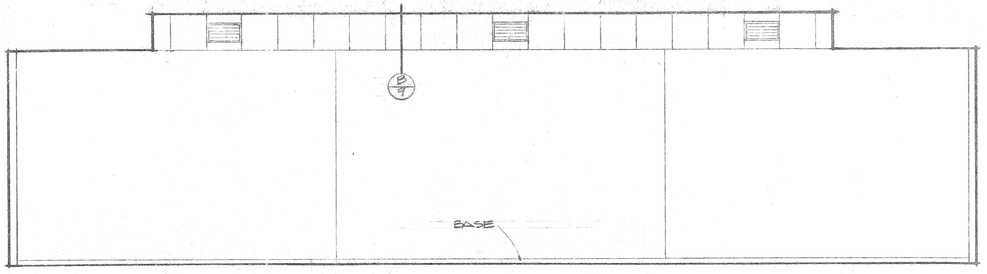

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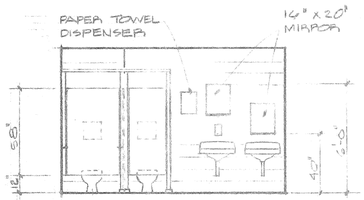

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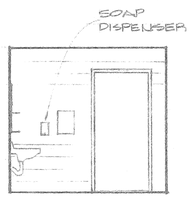

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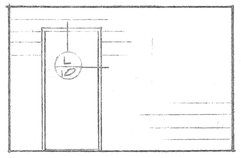

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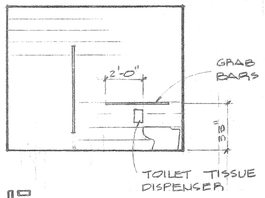

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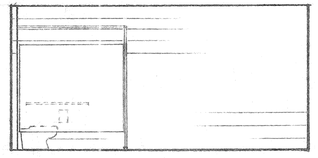

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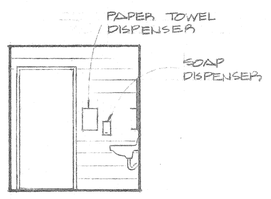

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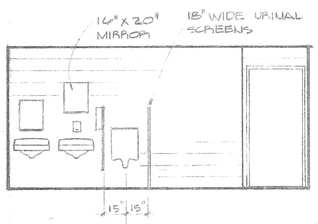
MEN [14]



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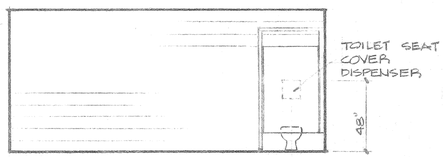
MEN [14]



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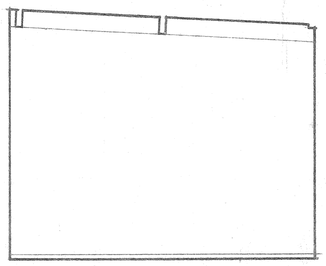
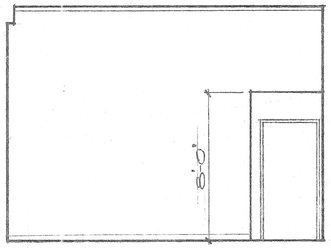


L

MECH. EQUIP. RM. [15]

GYM SHOWN - MULTI PURPOSE SIMILAR



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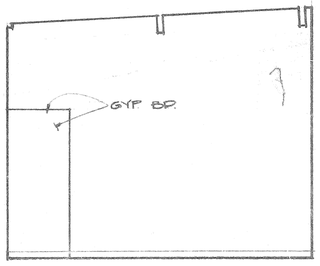

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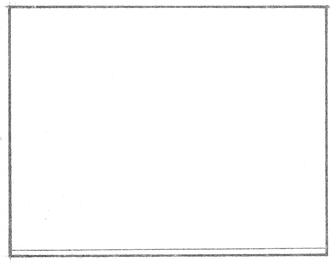

P

MECH. EQUIP. RM. [15]

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INTERIOR ELEVATIONS

PROTOTYPE
COMMUNITY RECREATION CENTER

CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE
NOV. 30, 1977
DRAWN
MJM
CHECKED
EWYS
REVISED
APRIL 24, 1978
JOB 76208

15

OF 15 SHEETS

SYM	IRRIGATION SYSTEM.
	STATIC PSI STREET GOSS DESIGN 50 PSI
	GPM 40 PER VALVE AVERAGE
□	METER 2" BY OTHERS.
⋈	GATE VALVE 2"
⊘	REDUCE PRESSURE BACKFLOW 2"
	CONTROLLERS 2 - 48 STATION ELECTRIC
⊕	CONTROL VALVES. ELECTRIC SIZE AS NOTED.
- - -	SUPPLY P.V.C.
——	LATERALS P.V.C.
⊙	QUICK COUPLERS.; HOSE BIBBS
	VALVE BOX. FOR CONTROL VALVES.
	PROVIDE ANTI-DRAIN DEVISE UNDER LOWEST HEAD IN LINE AS REQ'D.
	SEE SPECIFICATIONS FOR SLEEVES ACROSS ASPHALT PAVING.
	SEE SPECIFICATIONS FOR COMPLETE INFORMATION FOR LABOR & MATERIAL.

SYM	IRRIGATION SPRAY DESCRIPTION	SPACING	PSI	GPM	RADIUS	ARC
Ⓟ	POP-UP ROTOR SPRING-	30'X30'	35	6	R=38'	360°
Ⓡ	RETRACTION	30'	35	3	R=38'	180°
Ⓠ	"	30'	35	1.4	R=38'	90°
○	POP-UP ROTOR	15'X15'	35 MAX.	3.0	R=16'	360°
⊃	"	15'	35	1.5	R=16'	180°
⊃	"	15'	35	.7	R=16'	90°
⊗	IMPACT (ABOVE GR.)	30'	40	3.1	R=34'	ADJ.
Ⓟ	ROTOR POP-UP (SPRING)	30'	35	5.0	R=38'	270°
Ⓡ	ROTOR POP-UP	15'	35	2.7	R=16'	270°
⊗	POP-UP OR FIXED LAWN	11'	20	3.0	R=15'	360°
⊽	"	11'	20	2.5	R=15'	180°
▽	"	11'	20	1.0	R=15'	90°
⊹	"	11'	20	2.7	R=15'	270°

DETACHED SECTION — NORTH 1"=20'-0"

MATCH "A"

MATCH LINE "A"

PROJECT LIMITS

CAP AND THRUST BLOCK

FUTURE PLAY AREA

COMMUNITY ACTIVITY — LOCATE CONTROLLERS IN MECH ROOM.

GYMNASIUM

CONNECT TO 3" VALVE. SEE PLUMING. SITE PLAN

SHOULDER

NO CURBS

NORTH ORANGE STREET

SITE PLAN — NORTH 1"=20'-0"

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LANDSCAPE ARCHITECT CA. #1531

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REID PARK
IRRIGATION PLAN

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

DATE NOV. 30 1977
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REVISED APRIL 26, 1978
JOB 76202

I-1

OF 4 SHEETS

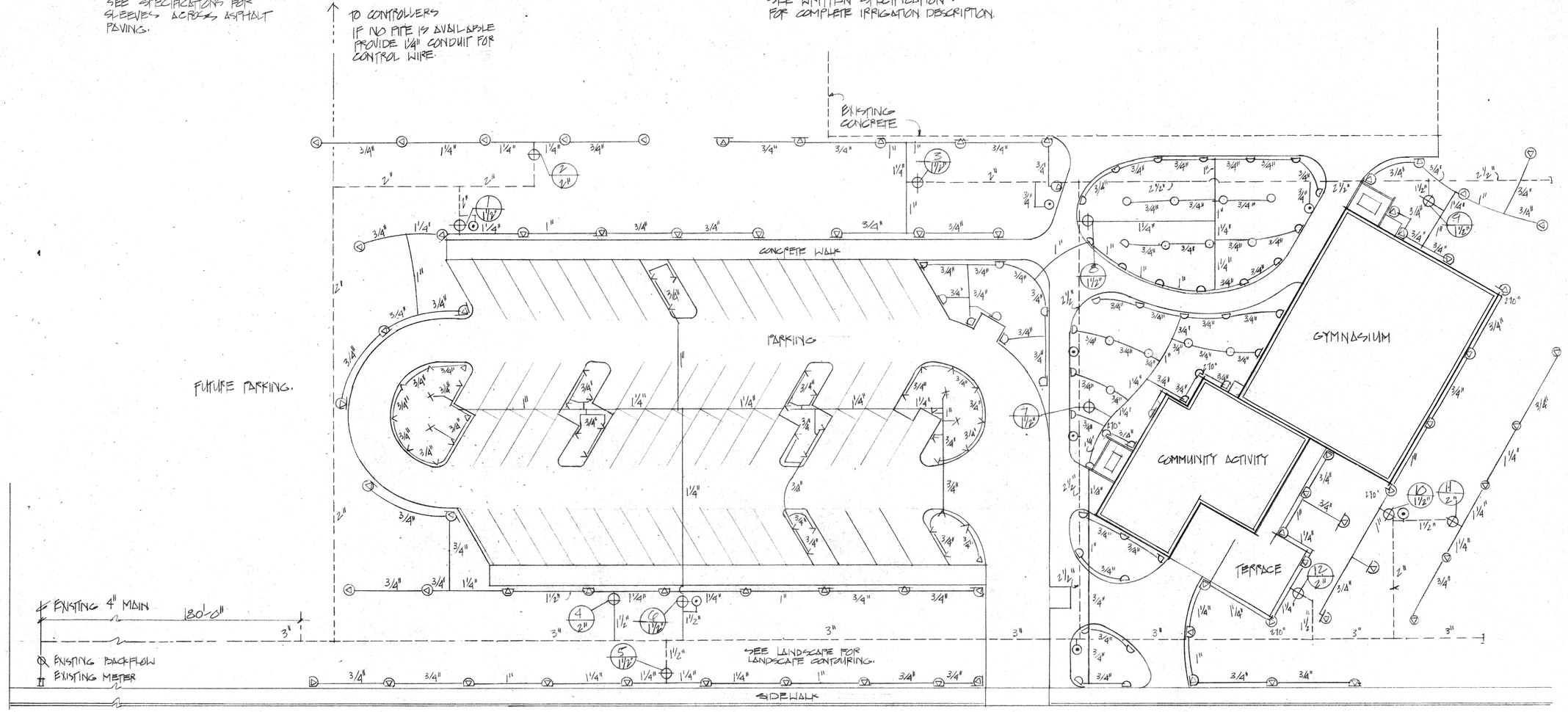
OF 38

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

SEE SPECIFICATIONS FOR SLEEVES ACROSS ASPHALT PAVING.

	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
D	POP-UP ROTOR	15' X 16'	35	1.3	16'	90°	LAWN
X	FIXED OR POP-UP	11'	20	4.0	12.0	360°	SHRUBS
V	FIXED OR POP-UP	11'	20	2.0	12.0	180°	SHRUB
▷	FIXED OR POP-UP	11'	20	1.3	12.0	90°	SHRUBS
Ⓐ	POP-UP SPRING RETRACTION	30'	40	5.0	39'	270°	LAWN
⊹	POP-UP ROTOR	15'	35	2.7	16'	270	LAWN

SEE WRITTEN SPECIFICATIONS FOR COMPLETE IRRIGATION DESCRIPTION.



SITE PLAN NORTH
1" = 20'-0"

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H. Baumgarten L.A. #1311

NICHOLS PARK
IRRIGATION PLAN

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

DATE NOV. 30, 1977
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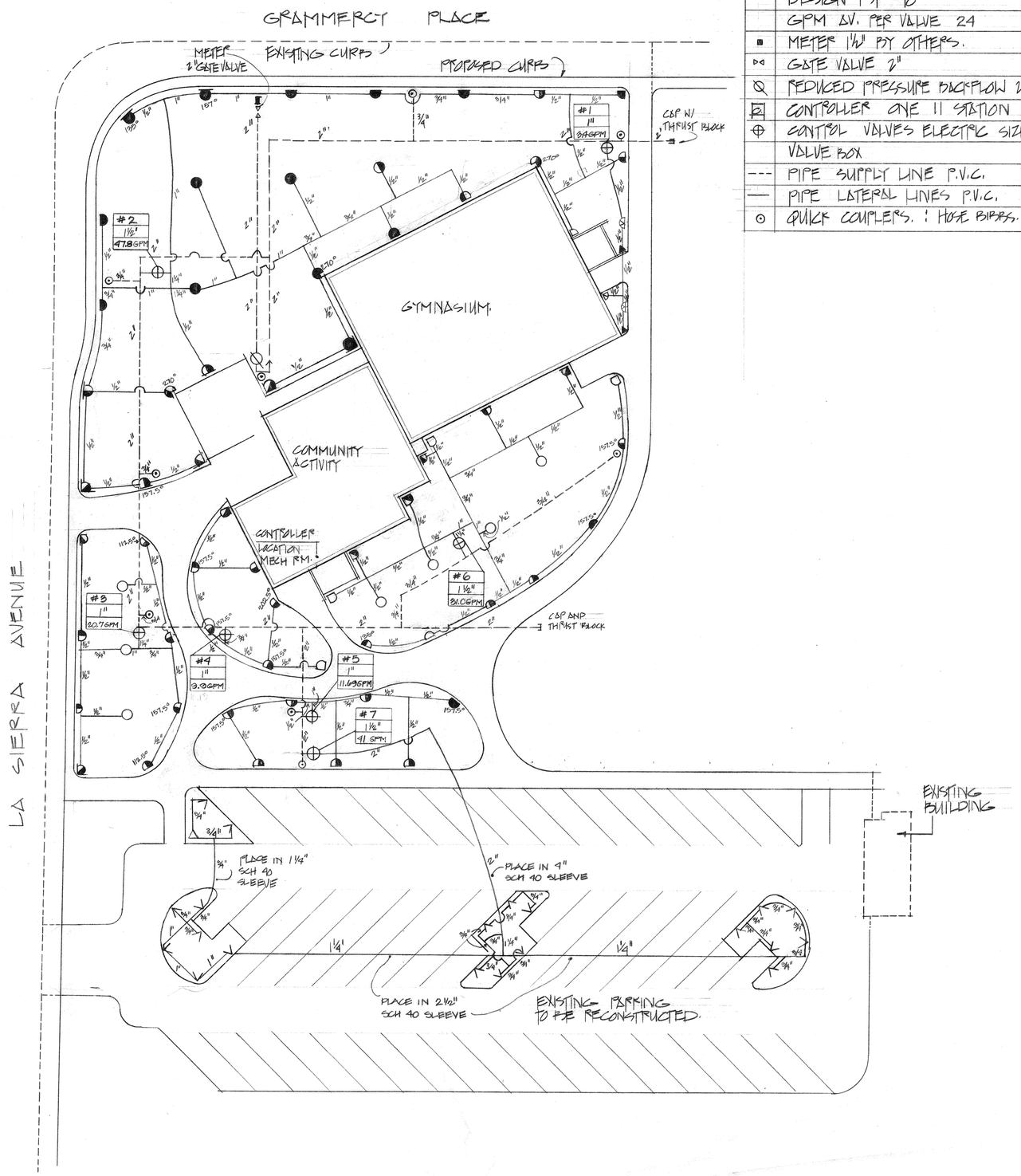
REVISED APRIL 26, 1978
JOB 76202

I-2

OF 4 SHEETS



SITE PLAN NORTH 1"=20'-0"

SYM	IRRIGATION
	STATIC PSI MAX. 122 lb.
	DESIGN PSI 90
	GPM ΔV. PER VALVE 24
■	METER 1½" BY OTHERS.
▷◁	GATE VALVE 2"
⊘	REDUCED PRESSURE BACKFLOW 2"
R	CONTROLLER ONE 11 STATION ELECTRIC.
⊕	CONTROL VALVES ELECTRIC SIZE AS NOTED.
	VALVE BOX
---	PIPE SUPPLY LINE P.V.C.
—	PIPE LATERAL LINES P.V.C.
⊙	QUICK COUPLERS. ! HOSE BIBBS.

SYM	IRRIGATION SPRAY DESCRIPTION	PSI	GPM	RADIUS	ARC.
○	308-00-01 STREAM ROTOR POP	50	3.41	18	360°
⊐	308-00-01 " " "	50	1.67	18	180°
⊐	304-00-01 " " "	50	.89	18	90°
◑	316-00-02 " " "	50	3.41	24	360°
◠	308-00-02 " " "	50	1.67	24	180°
◪	304-00-02 " " "	50	.89	24	90°
●	316-00-03 " " "	50	3.23	30	360°
◠	308-00-03 " " "	50	1.66	30	180°
◪	304-00-03 " " "	30	.76	30	90°
◔	312-00-02 " " "	50	2.22	24	270°
◔	312-00-03 " " "	50	2.31	30	270°
◬	570P-10'-HLA POP SPRAY HEAD	20	.9	10	180°
◺	570P-10'-QLA " " "	20	.9	10	90°
▲	570P-9'-EST " " "	30	.6	4 x 15	STRIP
V	5705-15'-H SHRUB HEAD	30	2.0	15	
▽	5705-15'-Q " "	30	1.0	15	

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LA SIERRA PARK
IRRIGATION PLAN

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

SECOND REVISION JAN. 5, 1978 BY HELEN HAKE

DATE NOV. 30, 1977
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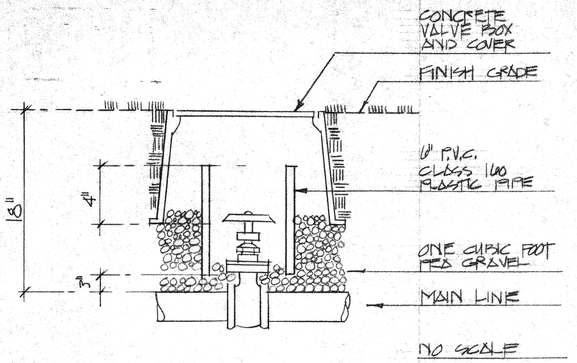
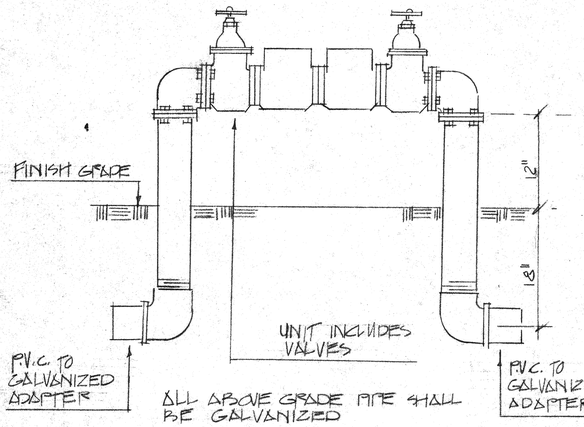
REVISED APRIL 24, 1978
JOB 76202

I-3

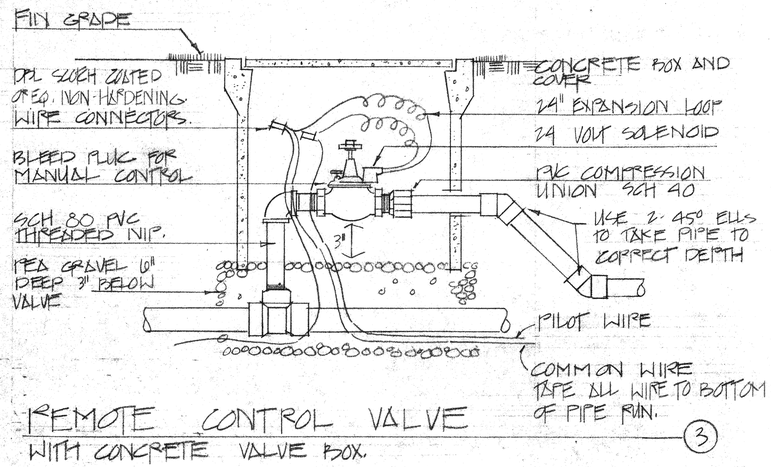
OF 4 SHEETS



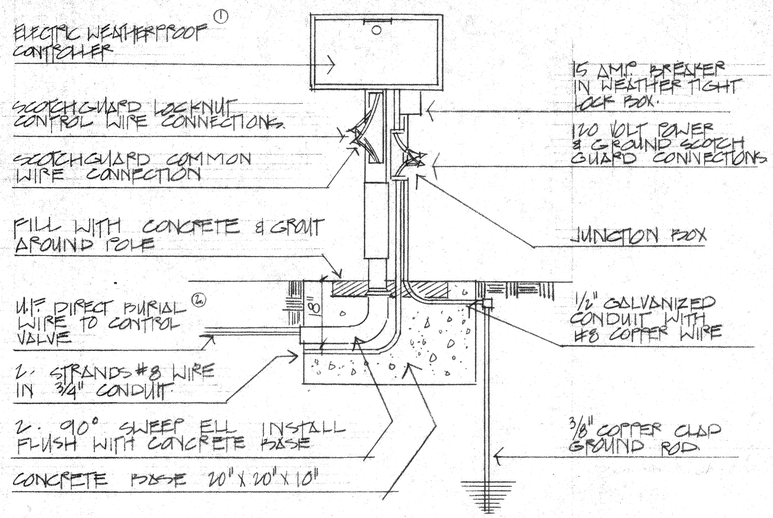
GATE VALVE (1)



REDUCED PRESSURE BACKFLOW (2)



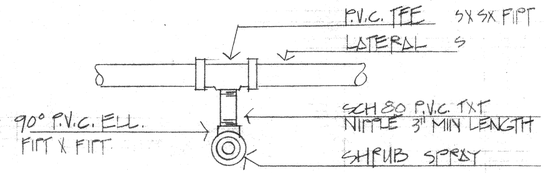
REMOTE CONTROL VALVE (3)
WITH CONCRETE VALVE BOX.



CONTROLLER DETAIL. (4)

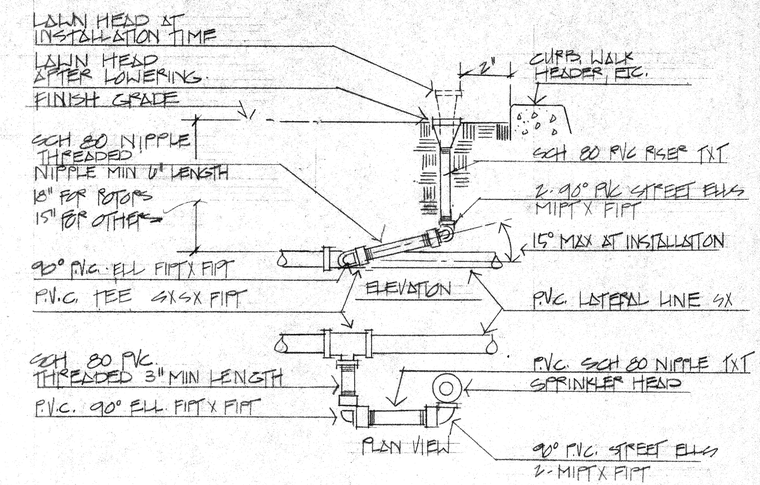
NOTES:
1. CONTROLLER AT REID AND LA SIERRA PARK TO BE LOCATED IN MECH RM. NICHOLS PARK NO CONTROLLER REQ'D.
2. TAPE WIRE TO BOTTOM OF PIPE RUN.

ELEVATION

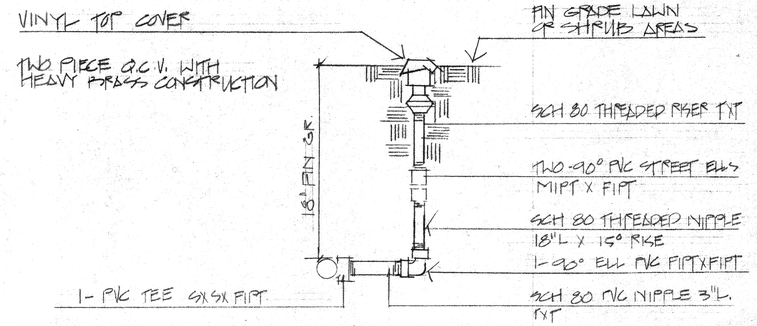


PLAN VIEW

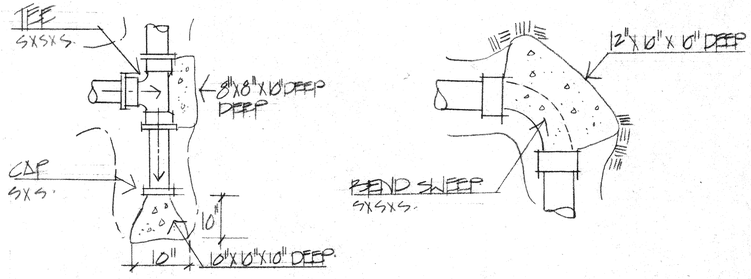
SHRUB SPRAY HEAD DETAIL (5)



TYPICAL TURF HEAD. (6)



QUICK COUPLER VALVE (7)
FOR COMPLETE TRIPLE SWING JOINT ASSEMBLY SEE NO. 6 ABOVE



CONCRETE THRUST BLOCK (8)

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IRRIGATION DETAILS

PROTOTYPE COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
DRAWN
CHECKED
REVISED APRIL 26, 1978
JOB 76202

I-4

OF 4 SHEETS

OF 38

	PLANT LIST				
NO.	BOTANICAL NAME	COMMON NAME	QUAN.	SIZE	REMARKS
1.	FRAXINUS VELUTINA	ARIZONA ASH	26	15 GAL	STAKE
2.	PLATANUS ACERIFOLIA	LONDON PLANE TREE	23	15 GAL	STAKE
3.	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	23	15 GAL	STAKE
4.	POPULUS NIGRA ITALICA	ITALIAN POPULAR	13	5 GAL	STAKE
5.	PYRUS CALLERIANA 'BRADFORD'	BRADFORD PEAR	10	15 GAL	STAKE
6.	QUERCUS ILEX	HOLLY OAK	11	15 GAL	STAKE
7.	BACCHARIS PILULARIS "TWIN PEAKS"	COYOTE BUSH	1,100	PLANTS	FLAT SIZE
8.	LAWN: CREED AND MULCH	SEE WRITTEN SPECIF.		SEED	115,200 SQ FT.
9	BOLLARDS.	SEE DETAIL SPECIF.	38		
10.	DECOMPOSED GRANITE	SEE BOLLARDS.			
11.	STA - SOIL NET FOR SLOPE	SEE SPECIF SHEETS			17,000 SQ.FT.
12.	2"X 4" EDGE AT SLOPE/ G.C.	SEE SPECIF SHEETS			
13.	CONCRETE EDGING AT BOLLARDS	SEE SPECIF SHEETS			

SITE NORTH 1"=20'-0"

PROJECT LIMITS

MATCH POINT "A"

MATCH LINE

PROJECT LIMITS

MATCH LINE

MATCH POINT "A"

⑩ 6- QUERCUS ILEX 15 GAL.

⑧ LAWN

⑧ LAWN

⑧ LAWN WITH CONTOUR

⑦ 3- PLATANUS RACEMOSA 15 GAL.

⑤ 5- PYRUS CALLERIANA 'BRADFORD' 15 GAL.

① 6- FRAXINUS VELUTINA 15 GAL.

① 4 FRAXINUS VELUTINA 15 GAL.

② 6- PLATANUS ACERIFOLIA 15 GAL.

④ 13- POPULUS NIGRA ITALICA 5 GAL

① 5- FRAXINUS VELUTINA 15 GAL.

FUTURE PRE-SCHOOL PLAY AREA

COMMUNITY BUILDING

GYMNASIUM

⑤ 5- PYRUS CALLERIANA 'BRADFORD 15 GAL.

⑧ LAWN

⑧ LAWN

⑧ LAWN

⑧ LAWN

⑧ LAWN

⑧ LAWN

⑧ LAWN

⑧ LAWN

⑧ LAWN

⑬ CONCRETE EDGING

EDGE OF LAWN

⑫ 10- PLATANUS ACERIFOLIA 15 GAL.

PARKING

⑩ 5- QUERCUS ILEX 15 GAL.

③ 4- PLATANUS RACEMOSA 15 GAL.

38- WOOD ⑨ BOLLARDS.

LIMITS OF PROJECT

3" DECOMPOSED GRANITE

1"X4" EDGE

① 6- FRAXINUS VELUTINA 15 GAL.

② 1- PLATANUS ACERIFOLIA 15 GAL.

① 5- FRAXINUS VELUTINA 15 GAL.

③ 8- PLATANUS RACEMOSA 15 GAL.

① GROUNDCOVER BACCHARIS PILULARIS "TWIN PEAKS" FLAT

③ 8- PLATANUS RACEMOSA 15 GAL.

UNPAVED SHOULDER

EDGE PAVEMENT

LAWN

PROVIDE STA-SOIL NET COVER FOR SLOPE

SITE PLAN NORTH 1"=20'-0"

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REID PARK
PLANTING PLAN

PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
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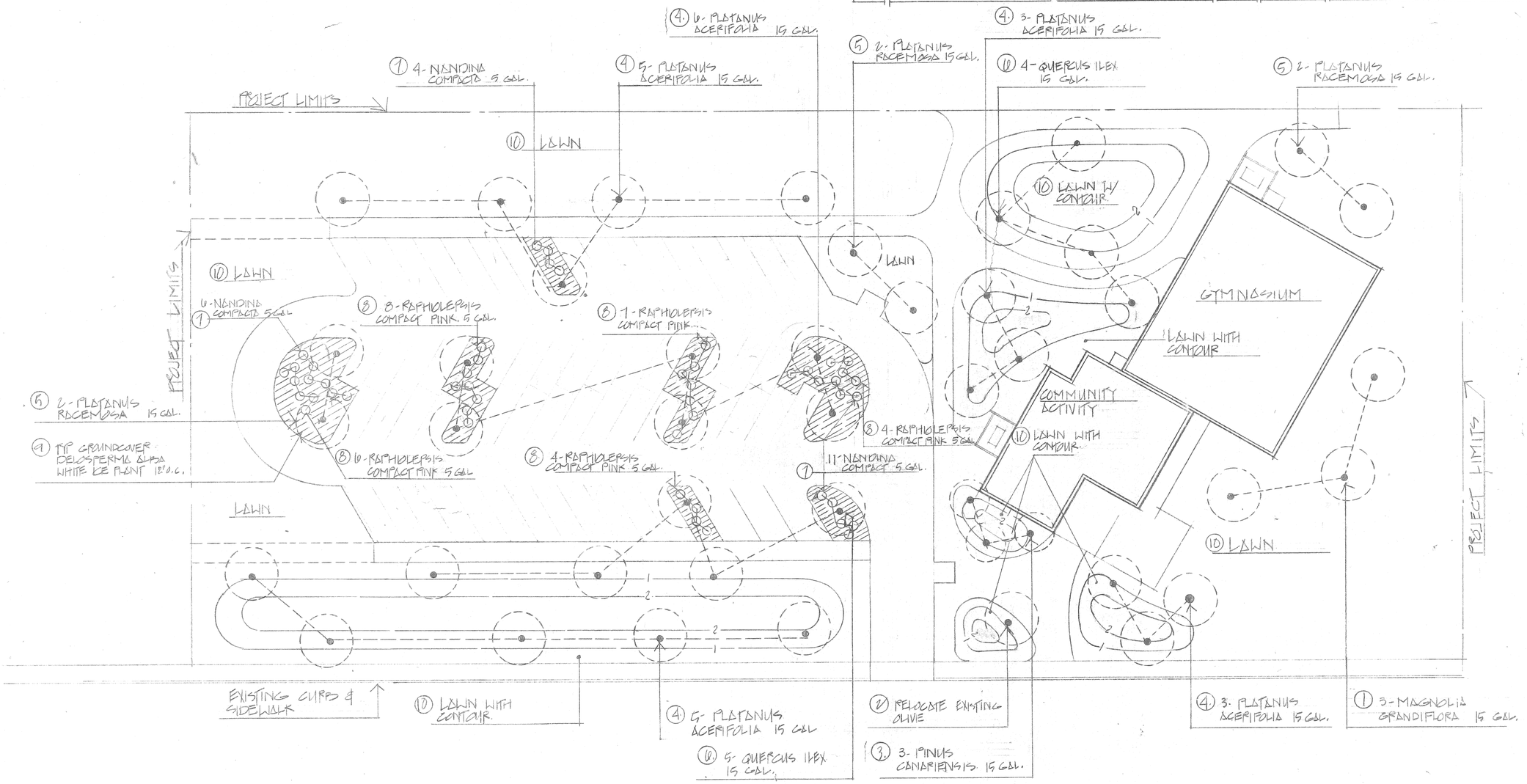
JOB 76202

L-1

OF 3 SHEETS

	PLANTING LIST				
	BOTANICAL NAME	COMMON NAME	QUAN	SIZE	REMARKS
NO.	TREES				
1.	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	3	15 GAL	STAKE
2.	OLEA 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				
7.	NANDINA D. COMPACTA	COMPACT NANDINA	21	5 GAL	
8.	RAPHIOLEPIS INDICA	"COMPACT ROSE PINK"	29	5 GAL	
	GROUNDCOVER				
9.	DELOSPERMA ALBA	WHITE ICE PLANT	3,234	PLANTS	12" O.C. / FLAT
10.	LAWN	SEED AND MULCH			52,233 SQ FT
	SOIL FOR CONTOURS.		100	CU. YDS.	



SITE PLAN
1" = 20'-0"

H. Baumgarten L.A. 1811

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NICHOLS PARK
PLANTING PLAN

PROTOTYPE
COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

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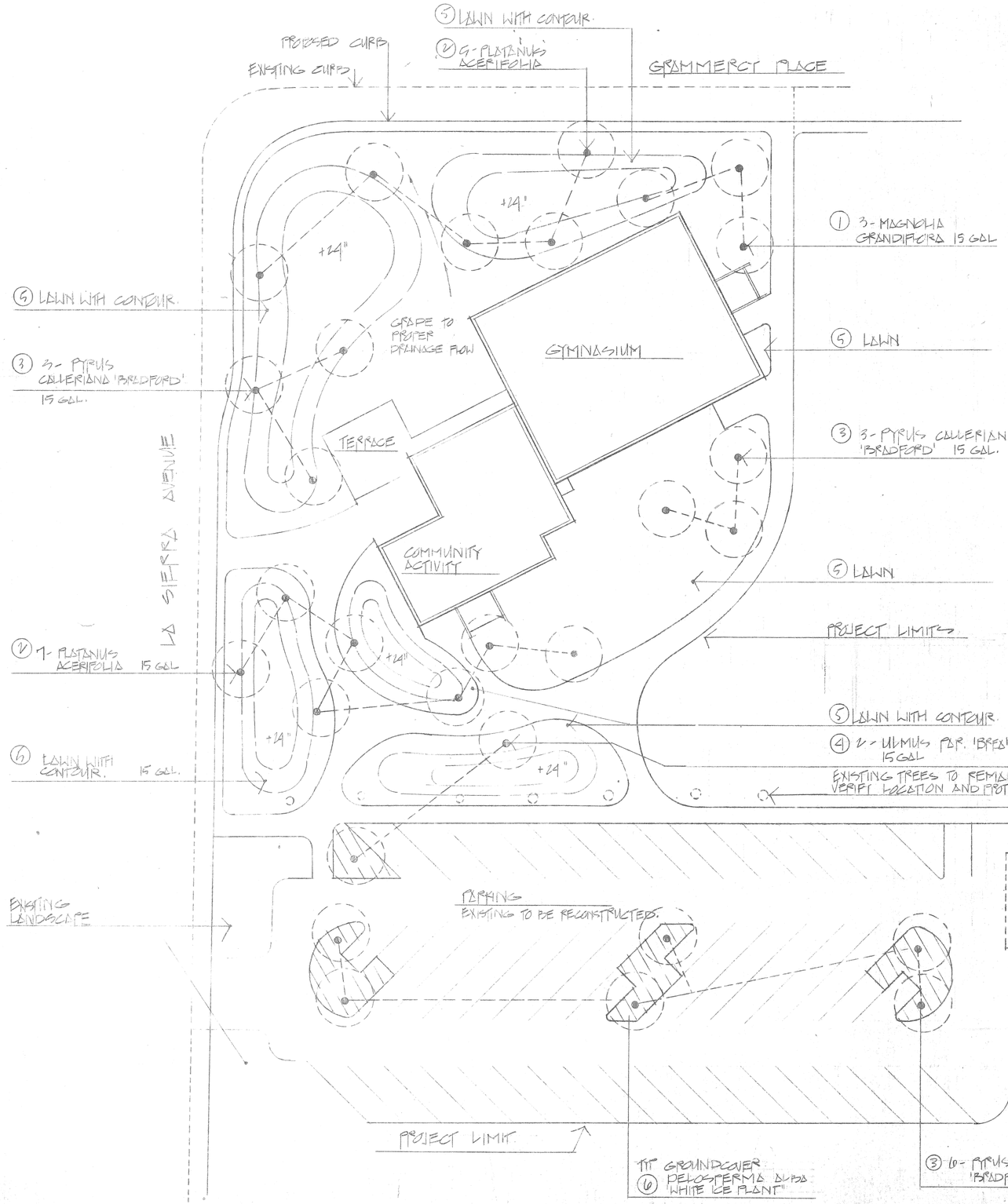
L-2

OF 2 SHEETS



SITE PLAN

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

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H. Baumgarten A.I.A. 12/11

LA SIERRA PARK
PLANTING PLAN

PROPOSED COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
DRAWN
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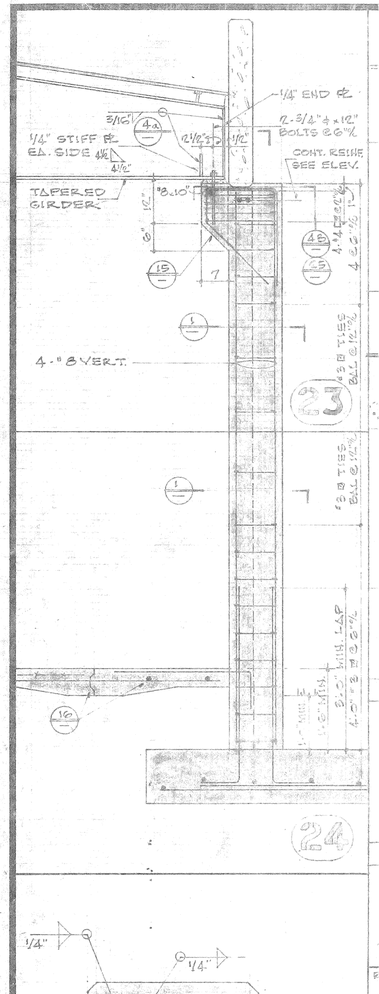
L-3

OF 3 SHEETS

OF 38



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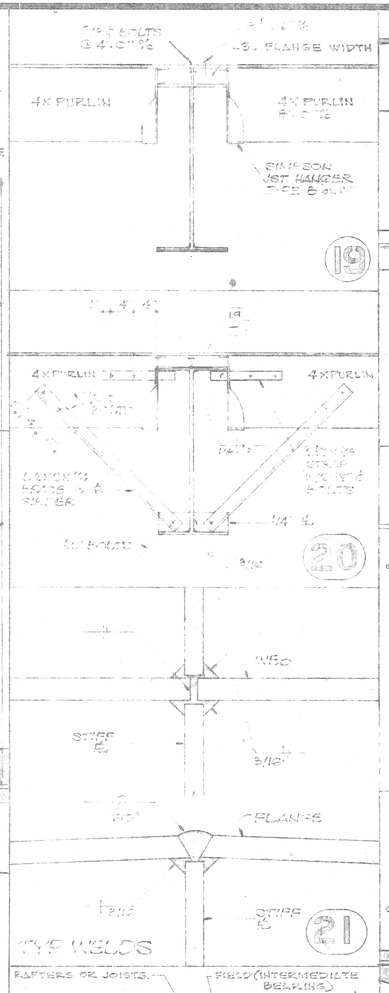
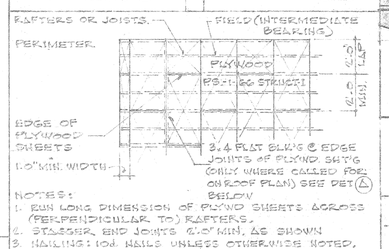
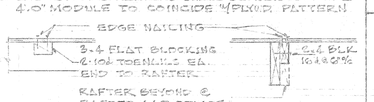


TYP WELDS

21



NOTES:
1. RUN LONG DIMENSION OF PLYWD SHEETS ACROSS (PERPENDICULAR TO) RAFTERS.
2. STAGGER END JOINTS 4'-0" MIN. AS SHOWN
3. NAILING: 10d NAILS UNLESS OTHERWISE NOTED.
   NAIL SPACING:
   PERIMETER - 6"o/c @ ROOF BOUNDARY PLATE LINES, CHORDS, TIES & AS CALLED FOR ON DRAWINGS.
   EDGE ——— 6"o/c ALL BEARING ENDS & EDGES OF EACH PLYWOOD SHEET.
   FIELD ——— 12"o/c ALL INTERMEDIATE BEARING.
4. NAILS SHALL HAVE A MIN. 3/8" EDGE DISTANCE.
5. WHERE RAFTER LAP SPLICE OCCURS & PLYWD END JOINTS ARE OFFSET SEE DETAIL (B) BELOW.
6. ALL JOISTS & RAFTERS SHALL BE LAID OUT IN A 4'-0" MODULE TO COINCIDE W/PLYWD PATTERN

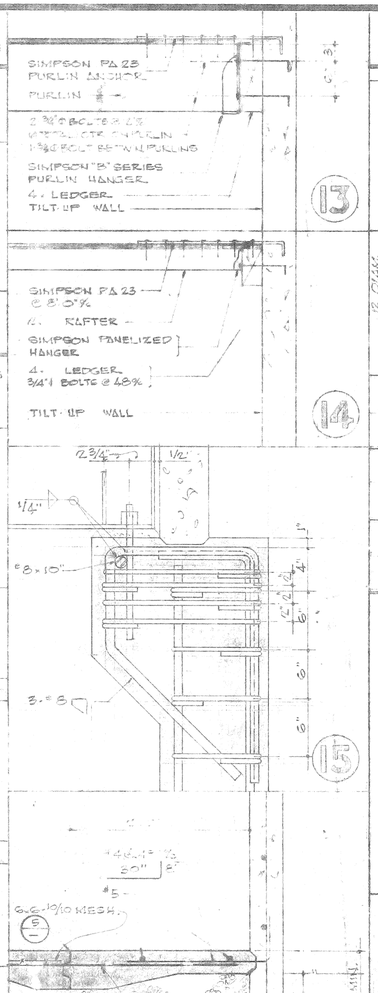


DETAIL (A) (ONLY WHERE CALLED FOR ON ROOF PLAN)

DETAIL (B)

PLYWOOD ROOF & FLOOR DETAIL

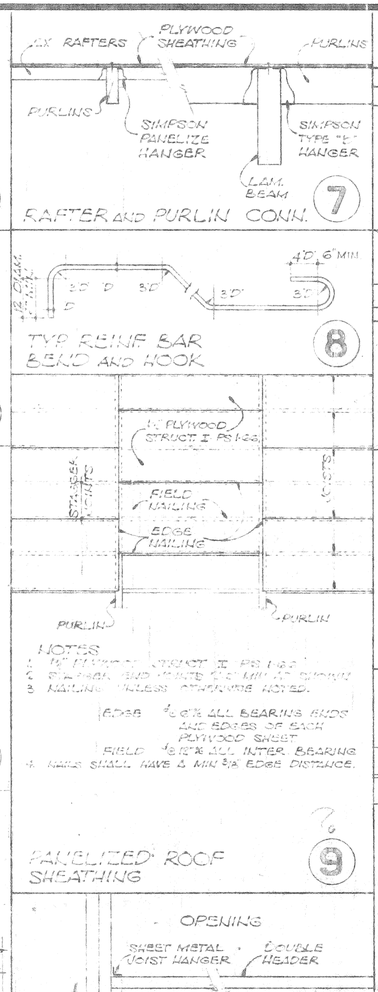
22



TYP OPENING DETAIL

17

18



NOTES
1. PLYWOOD STRUCT I PS 1-66
2. SPACING AND MINIMUM NAILING AS SHOWN
3. NAILING UNLESS OTHERWISE NOTED.
   EDGE — 6"o/c ALL BEARING ENDS AND EDGES OF EACH PLYWOOD SHEET
   FIELD — 12"o/c ALL INTER BEARING
4. NAILS SHALL HAVE A MIN 3/8 EDGE DISTANCE.

RAFTER AND PURLIN CONN.

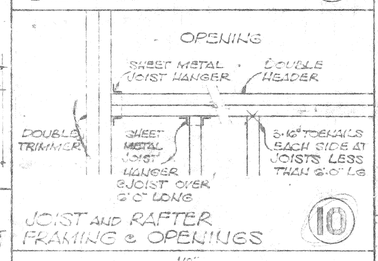
7

TYP REINF BAR BEND AND HOOK

8

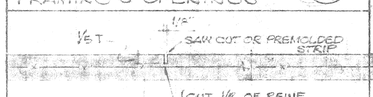
PANELIZED ROOF SHEATHING

9



JOIST AND RAFTER FRAMING @ OPENINGS

10

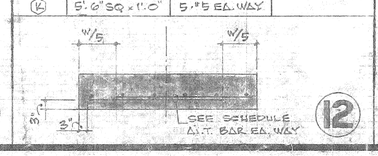


WEAKENED PLANE JOINTS (15" TO 25" %)

11

FOOTING SCHEDULE

MARK	SIZE	REINF.	REMARKS
(A)	1'-0" SQ. x 1'-4"	4-#5 EA. WAY	
(B)	6'-6" SQ. x 1'-4"	7-#5 EA. WAY	
(C)	2'-0" SQ. x 1'-4"	6-#5 EA. WAY	
(D)	5'-0" SQ. x 1'-0"	5-#5 EA. WAY	
(E)	4'-6" SQ. x 1'-0"	4-#5 EA. WAY	
(F)	4'-0" SQ. x 1'-0"	5-#4 EA. WAY	
(G)	3'-0" SQ. x 1'-0"	4-#4 EA. WAY	
(H)	3'-6" SQ. x 1'-0"	4-#4 EA. WAY	
(J)	2'-6" SQ. x 1'-0"	2-#4 EA. WAY	
(K)	5'-6" SQ. x 1'-0"	5-#5 EA. WAY	



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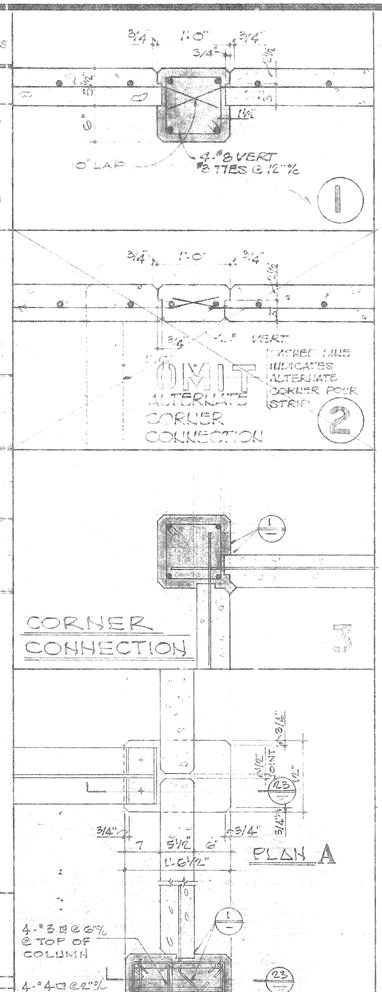

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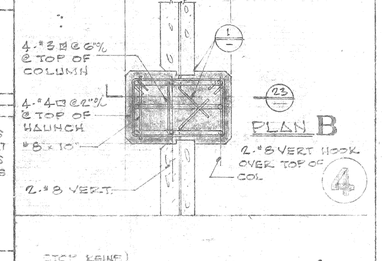

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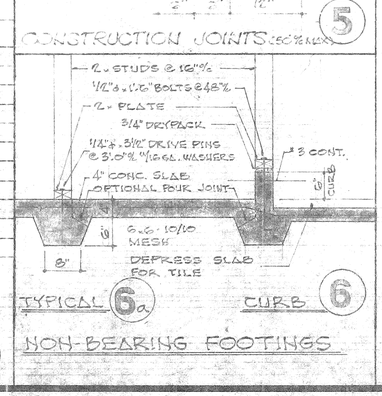

5

TYPICAL 6a

CURB 6

NON-BEARING FOOTINGS

GENERAL NOTES

GENERAL

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

SOIL:

1. CHARACTER OF FOUNDATION SOIL: SILT SAND
2. SOIL BEARING VALUE: 1000 PSF
3. SOIL REPORT BY P&C, FDN. ENGRS. RED PARK PFE 7123
   LA SIERRA PARK PFE 7124
   NICHOLS PARK PFE 7125

LUMBER:

1. ALL STRUCTURAL LUMBER SHALL BE DOUGLAS FIR OF THE FOLLOWING GRADE UNLESS NOTED
   [illegible] THE WEST COAST LUMBERMANS ASSOCIATION.
   BEAMS WITH SIDE RECTANGULAR TOP STRUCT. AND BEAMS 6" & LARGER SEL. STRUCT. #1 SYP
   DECKING [illegible]

PLYWOOD SHEATHING — STRUCTURAL I

2. ALL STRUCTURAL LUMBER SHALL BE SEALED IN ACCORDANCE WITH GRADING AND DRESSING RULES OF THE WEST COAST LUMBERMANS ASSOCIATION.
3. ALL WOOD EXPOSED TO MOISTURE OR WEATHER SHALL BE PRESSURE TREATED DOUGLAS FIR.
4. STRUCTURAL MEMBERS SHALL NOT BE CUT FOR PIPE OR DUCTS UNLESS SPECIFICALLY DETAILED OR NOTED.
5. SOLID BLOCKING SHALL BE PLACED BETWEEN JOISTS OR RAFTERS AT ALL SUPPORTS.
6. HOLES FOR BOLTS SHALL BE BORED 1/16" TO 1/8" LARGER THAN THE NOMINAL BOLT DIAMETER.
7. ALL BOLTS SHALL BE RETIGHTENED PRIOR TO THE APPLICATION OF PLASTER, PLYWOOD ETC.
8. CROSS BRIDGING SHALL BE PROVIDED AT EIGHT MAX. FOR ALL JOISTS AND RAFTERS MORE THAN 8" IN DEPTH. USE 1" X 4" OR AN APPROVED TYPE OF METAL BRIDGING.
9. PROVIDE 1" X 4" LET-IN BRACING (APPROX 45°) EVERY 25'-0" IN ALL STUD WALLS NOT SHEATHED. BRACE SHALL RUN CONT FROM TOP PLATE TO SILL PLATE.
10. LUMBER USED ON ROOFS AND SHEAR WALLS TO BE GRADE MARKED STRUCTURAL I PS 1-66.

CONCRETE:

1. CONCRETE SHALL CONTAIN A MIN. OF 5 SACKS OF CEMENT AND A MAX. OF 7½ GALS OF WATER PER CUBIC YARD.
2. 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	2500 PSI

* NO SPECIAL INSPECTION REQUIRED, 2000 PSI USE IN DESIGN CALCULATIONS

3. REINFORCING STEEL SHALL HAVE THE FOLLOWING MIN. PROTECTIVE COVERING OF CONCRETE:

BELOW GRADE UNFORMED	3" CLEAR
BELOW GRADE FORMED	2" CLEAR
WALLS	1" CLEAR
COLUMNS	1½" CLEAR
STRUCT SLABS (ABOVE GRADE)	¾" CLEAR
BEAMS AND GIRDERS	1½" CLEAR

4. MINIMUM REINFORCING LAP SPLICE SHALL BE 32 DIA
5. ANCHOR BOLTS, DOWELS, INSERTS ETC. SHALL BE TIED IN PLACE BEFORE CONCRETE IS POURED.
6. NO PIPES OR DUCTS SHALL BE PLACED IN CONCRETE SLABS OR WALLS UNLESS SPECIALLY DETAILED
7. REINF SHALL CONFORM TO:

#7 AND LARGER	GRADE 60
#6 AND SMALLER	GRADE 40

STEEL

1. STEEL SHALL CONFORM TO THE FOLLOWING MINIMUM REQUIREMENTS:

STRUCT SHAPES & PLATES	A.S.T.M. A 36
PIPE COLS.	A.S.T.M. A 53 GRADE B (35,000 PSI)
STEEL TUBS	A.S.T.M. A 501
STEEL DECK	ASTM A 446 GRADE C (230,000 PSI)
BOLTS	ASTM A 307

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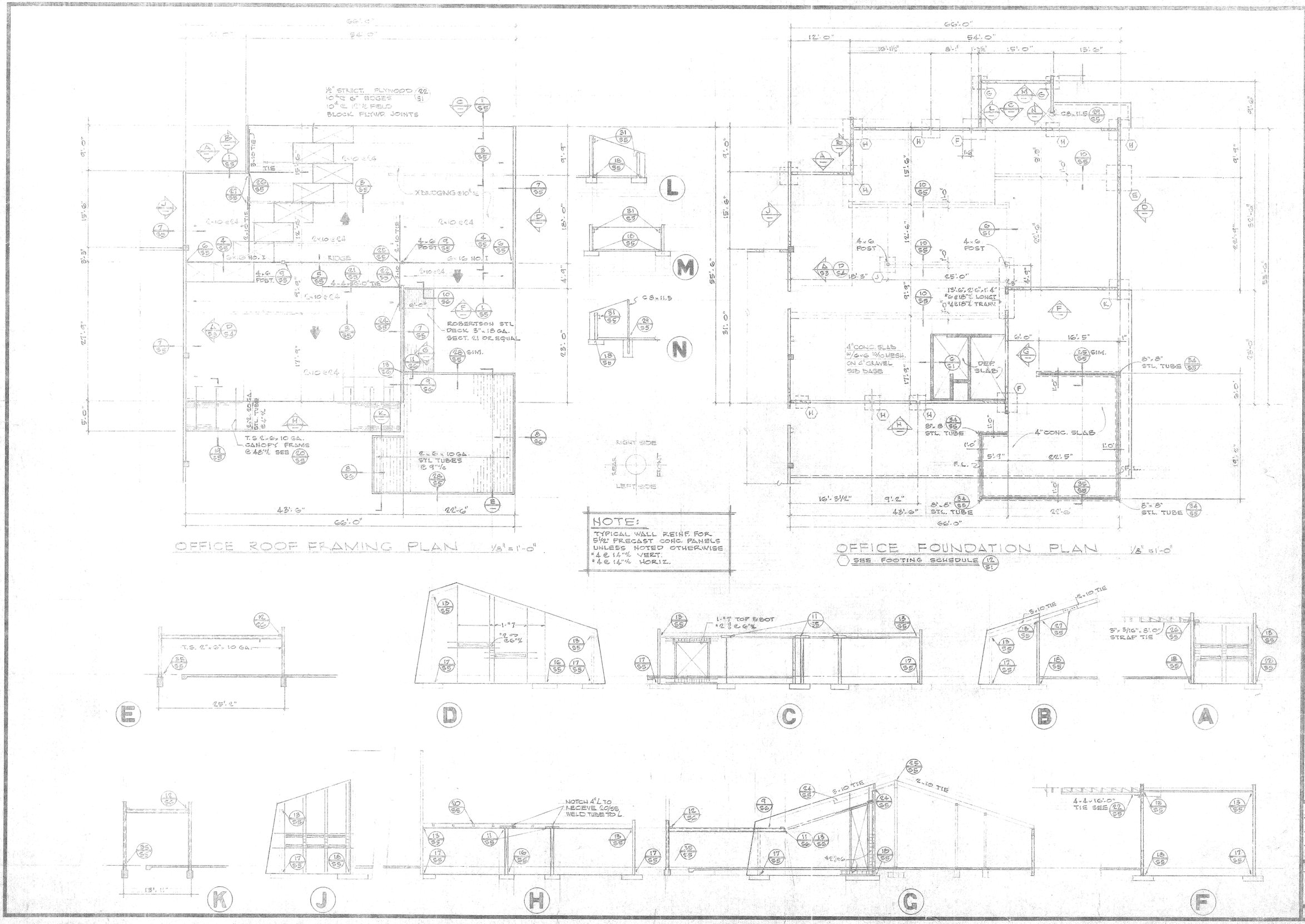
GENERAL NOTES & TYPICAL DETAILS

COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
DRAWN
CHECKED
REVISED APRIL 26, 1978
JOB 76-202
S-1
OF SHEETS

#31-151



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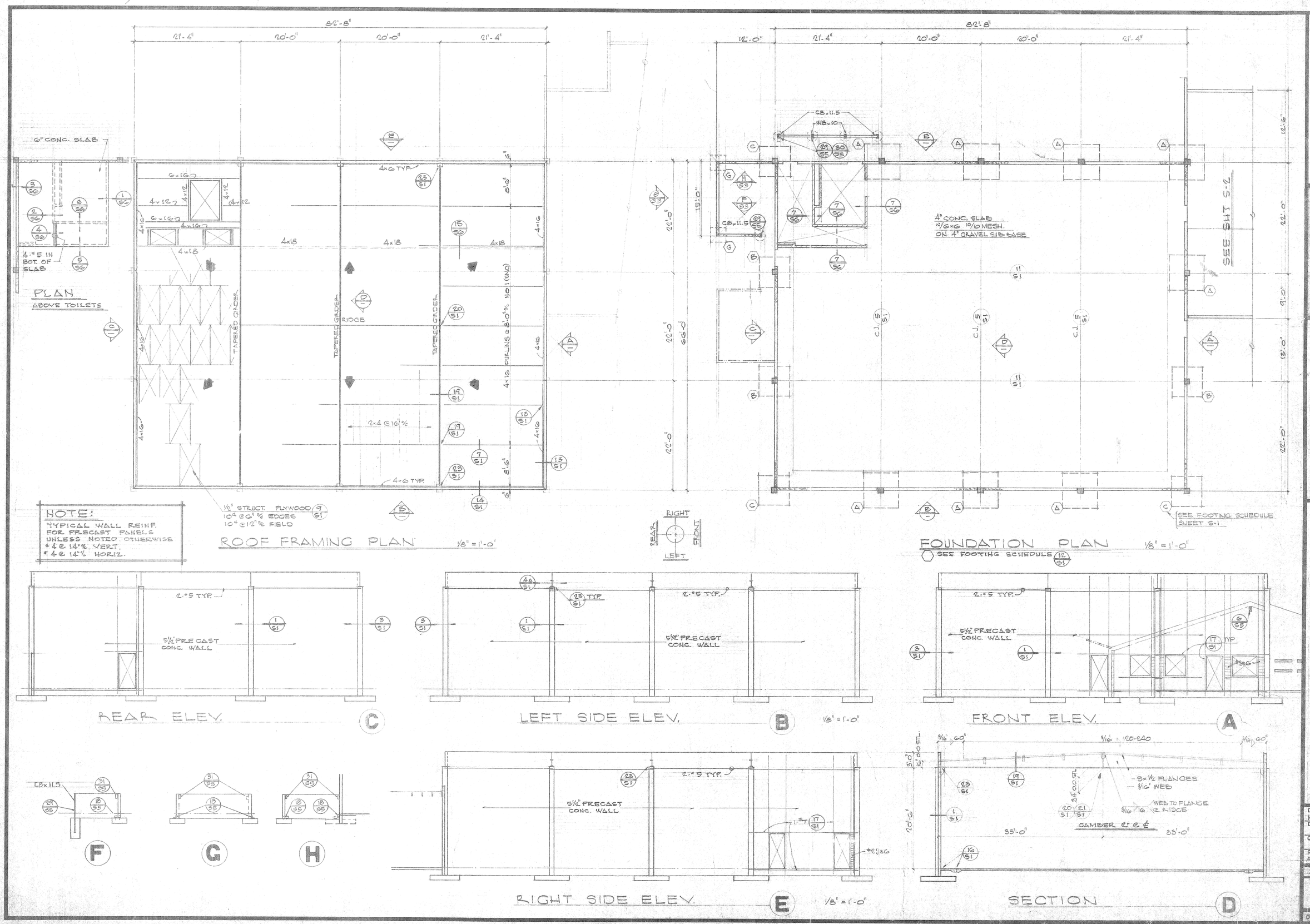
FOUNDATION & ROOF PLANS
ELEVATION & SECTIONS

COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
DRAWN
CHECKED
REVISED APRIL 26, 1978
JOB 76202

S-2

OF 6 SHEETS
OF 30



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GYMNASIUM
FOUNDATION & ROOF PLAN
ELEVATIONS & SECTION

COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

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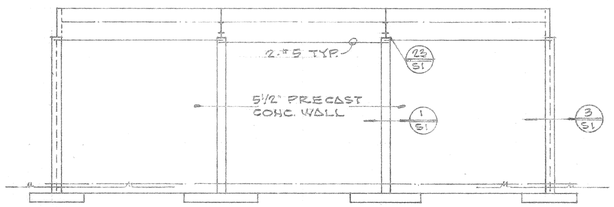
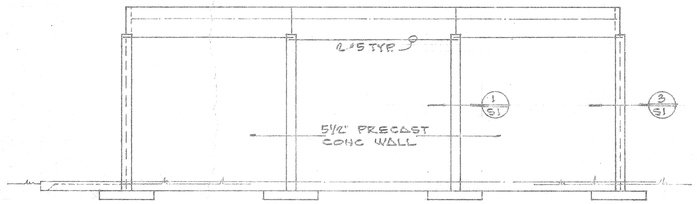
JOB 76202

S-3

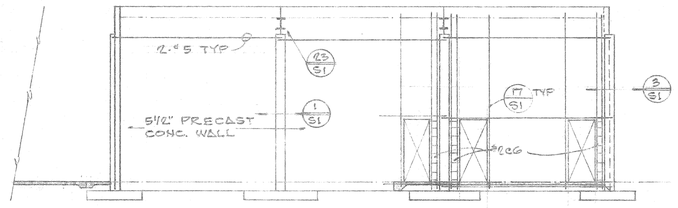
OF 6 SHEETS



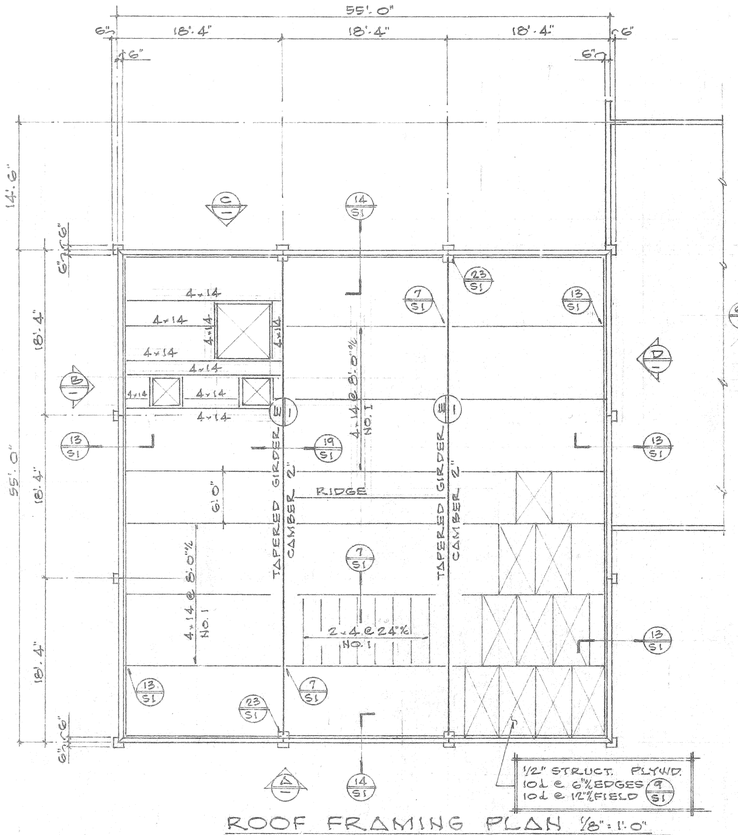
LEFT SIDE ELEVATION (A)



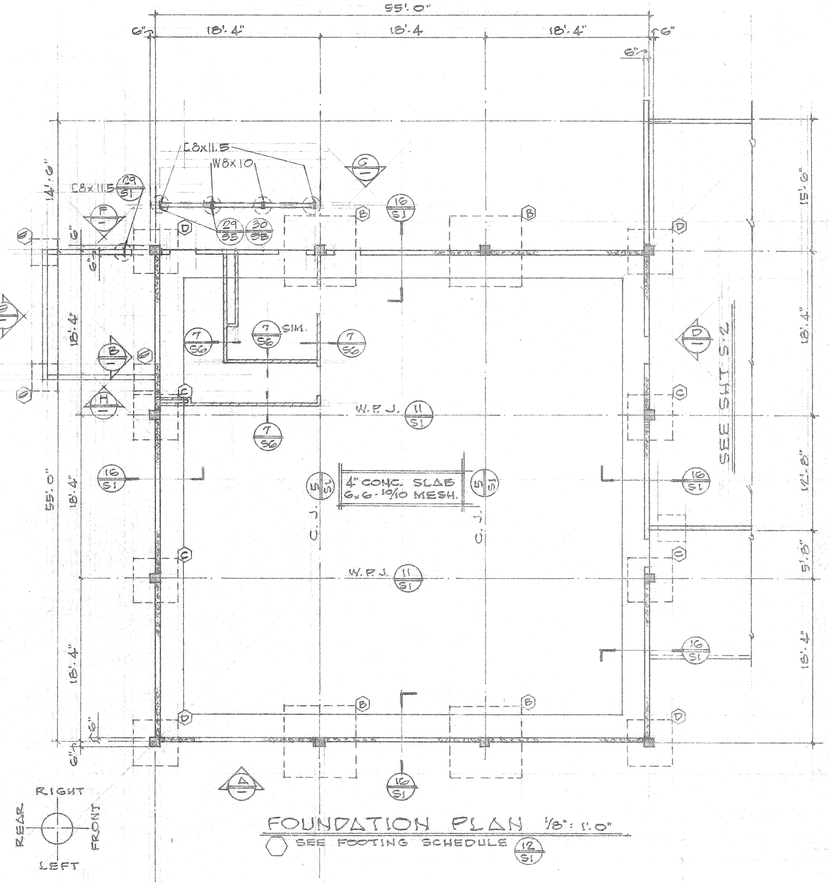
REAR ELEVATION (B)



RIGHT SIDE ELEVATION (C)



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

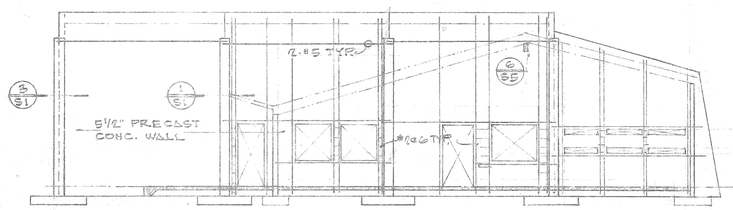


FOUNDATION PLAN 1/8"=1'-0"

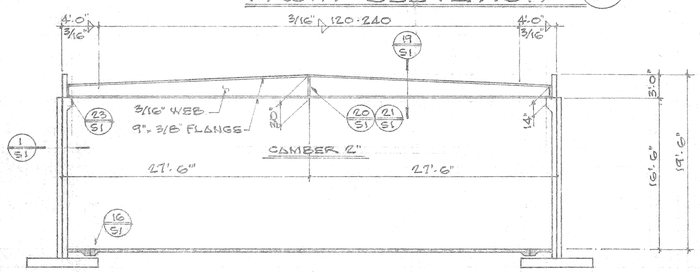
SEE FOOTING SCHEDULE

RIGHT REAR FRONT LEFT

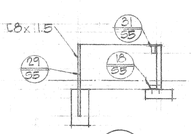
NOTE:
TYPICAL WALL REINF. FOR PRECAST PANELS UNLESS NOTED OTHERWISE
#4 @ 14" VERT.
#4 @ 14" HORIZ.



FRONT ELEVATION (D)



TAPERED GIRDER ELEVATION (E)



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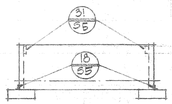

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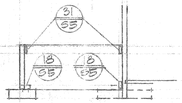

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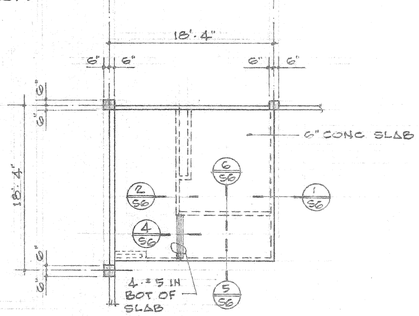

PLAN
ABOVE TOILETS

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MULTI PURPOSE ROOM
FOUNDATION & ROOF PLANS
ELEVATIONS & SECTIONS

COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
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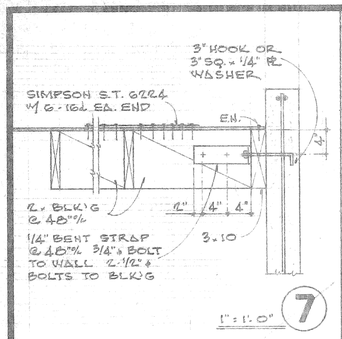
REVISED
JOB 76202

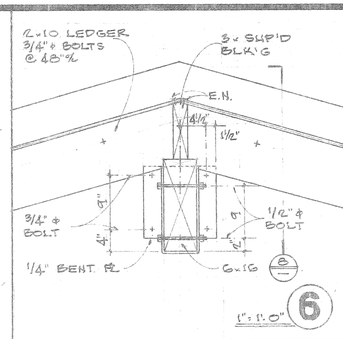
S-4

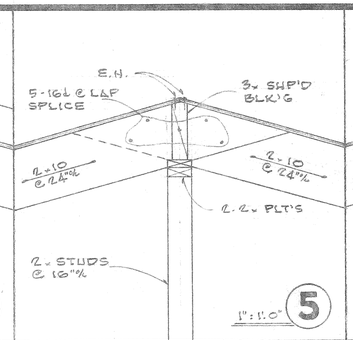
OF 6 SHEETS

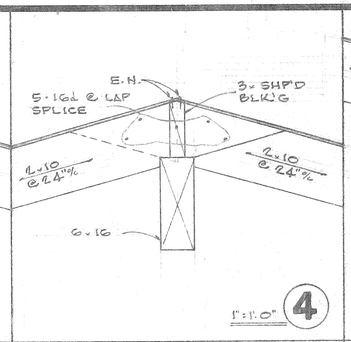
OF 38

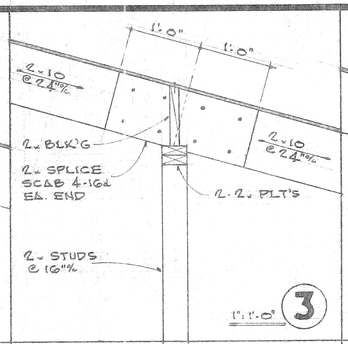
31-151

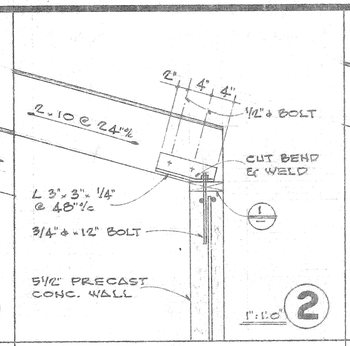


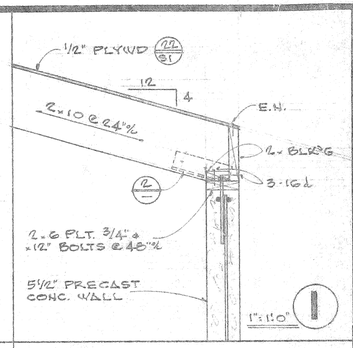


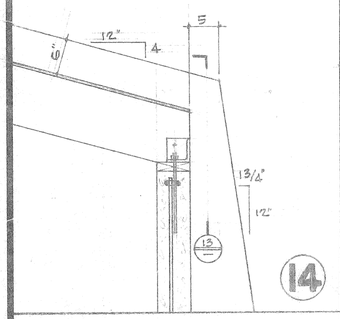


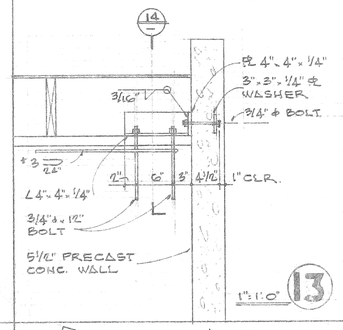


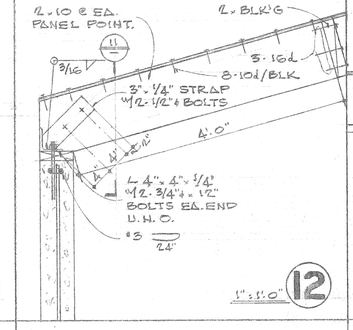


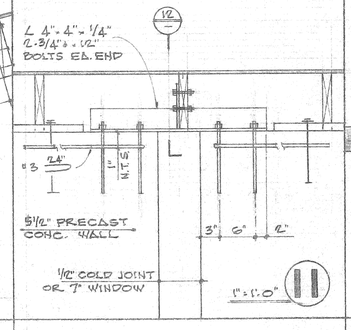


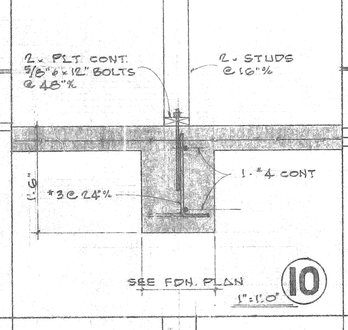


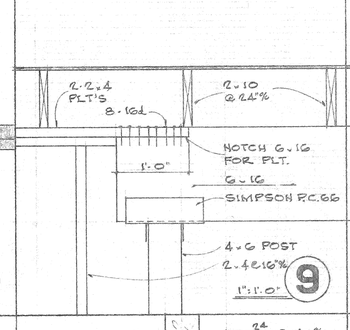


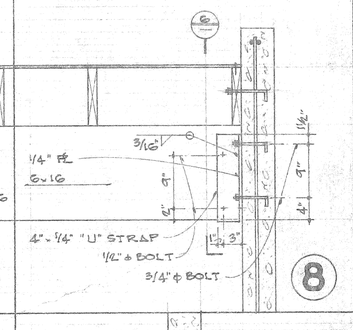


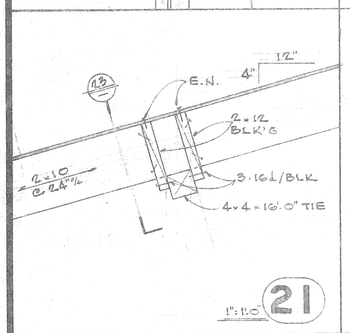


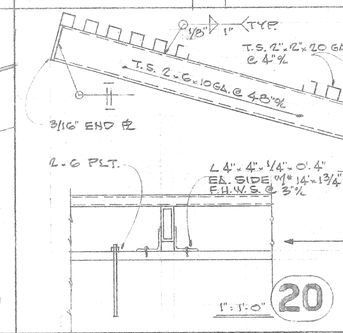


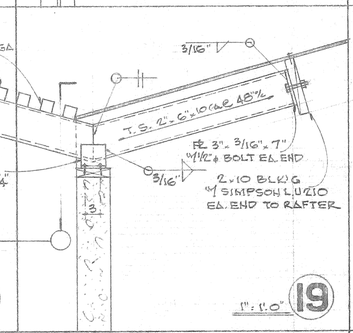


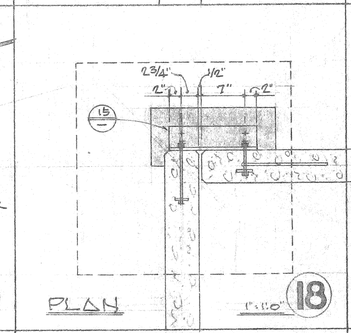


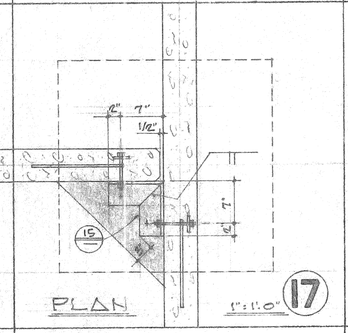


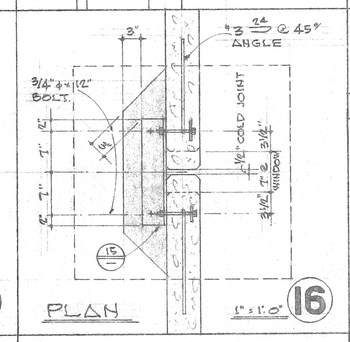


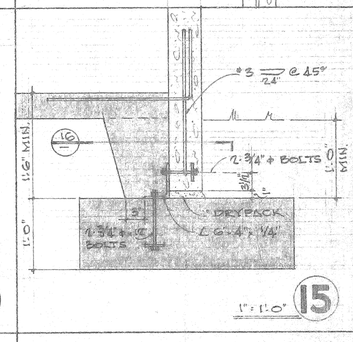


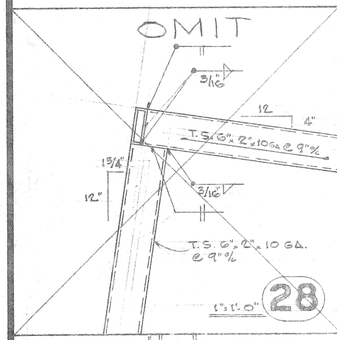


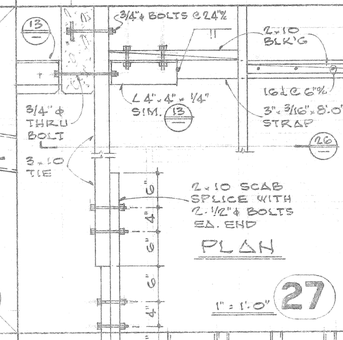


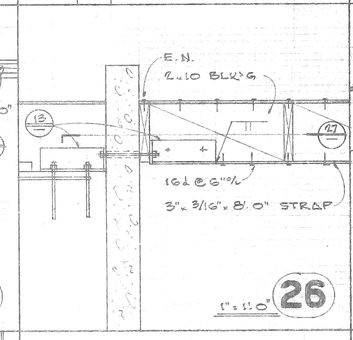


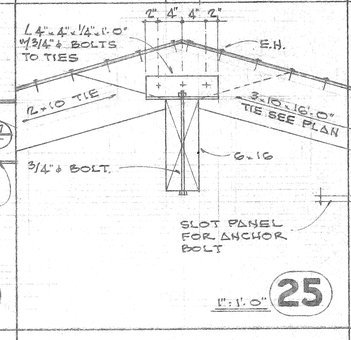


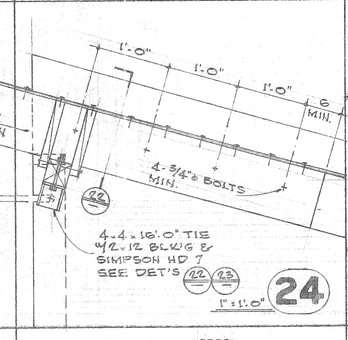


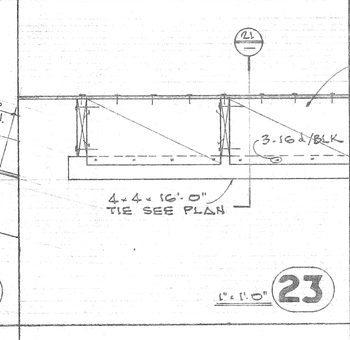


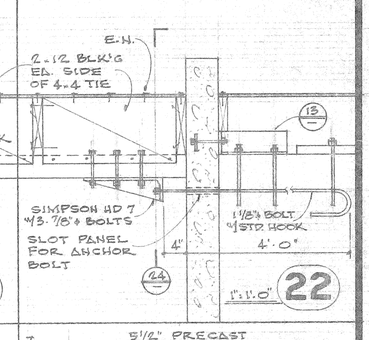


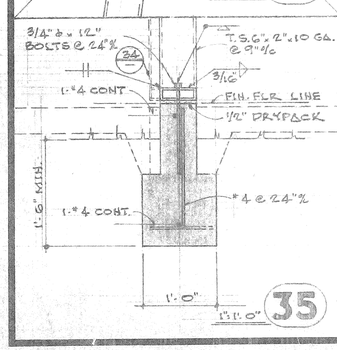


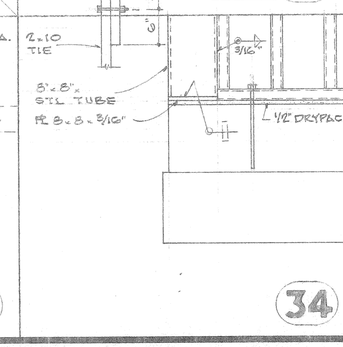


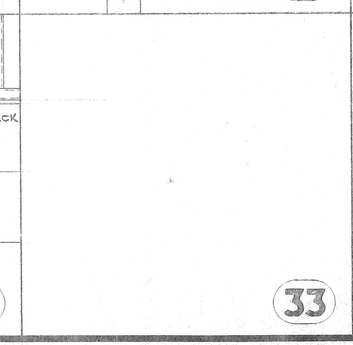


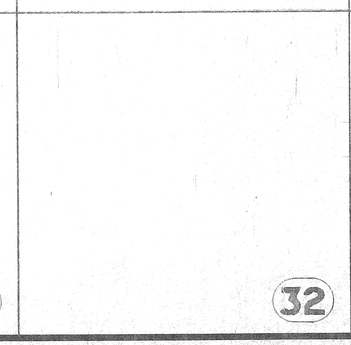


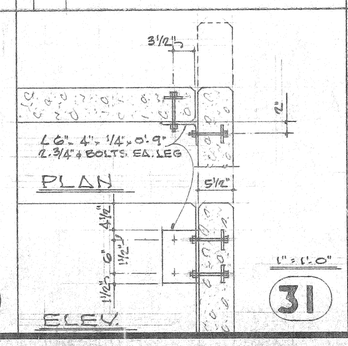


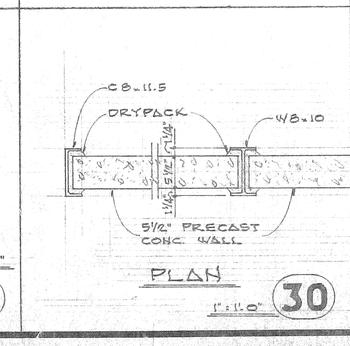


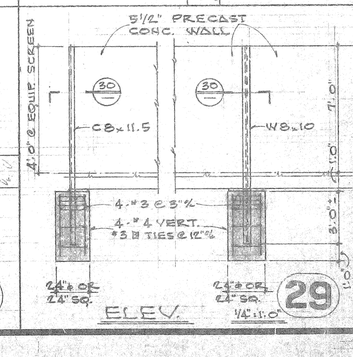












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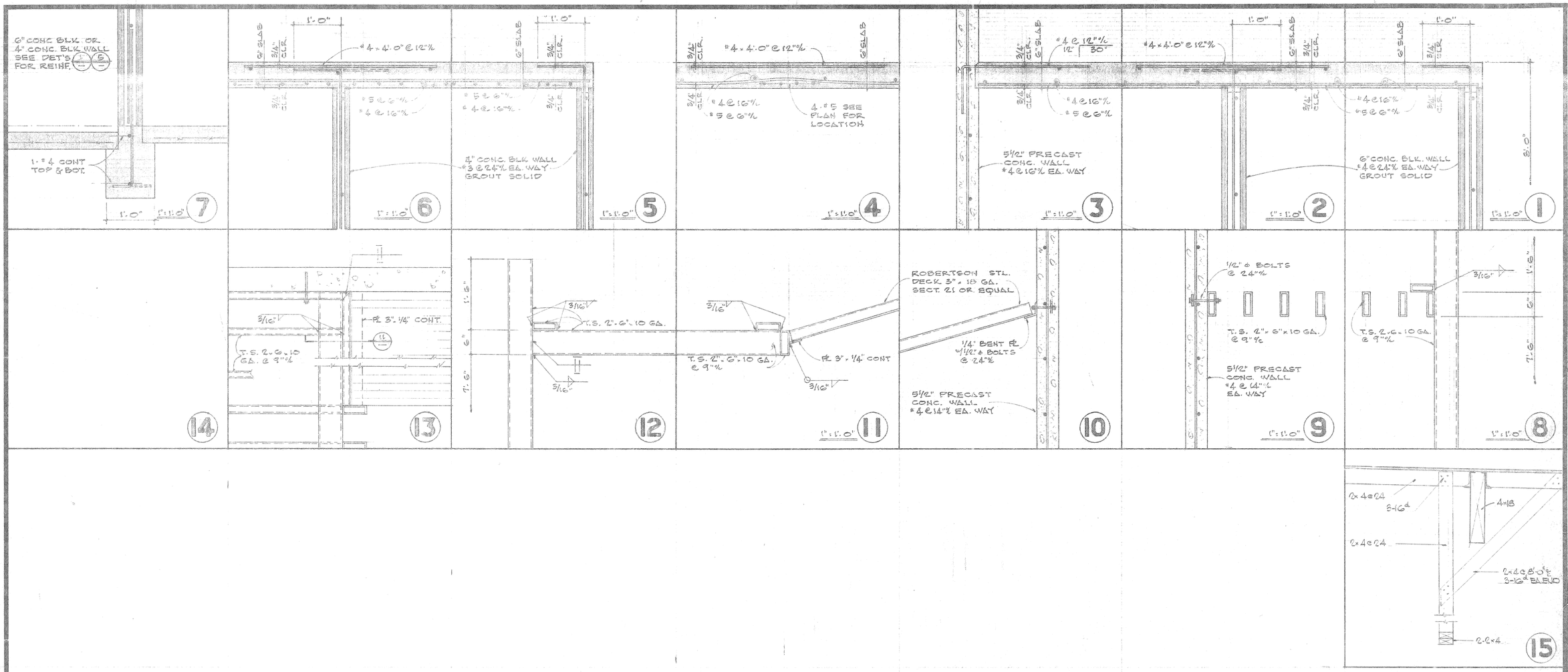
RIVERSIDE, CALIFORNIA 92501

DETAILS

COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
DRAWN
CHECKED
REVISED APRIL 24, 1978
JOB 76202
S-5
OF 6 SHEETS



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DATE NOV 30, 1977
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S-6
OF 6 SHEETS

#31-151

MECHANICAL EQUIPMENT SCHEDULE

AIR HANDLING UNITS

NO.	LOCATION	BLOWER CFM	BLOWER T.S.P.	BLOWER RPM	MOTOR HP	MOTOR V	MOTOR φ	COOLING COIL F.A.	COOLING COIL R	COOLING COIL W.S.	COOLING COIL FINS	COOLING COIL F.V.	COOLING COIL AIR P.D.	COOLING COIL ENT DB	COOLING COIL ENT WB	COOLING COIL LVG DB	COOLING COIL LVG WB	FILTERS QUAN	FILTERS SIZE	OPER. WT.	MFG. & MODEL
AH 1	MECH. EQUIP. RM	3400	2.5	2138	3	208	3	8.1	5	8	420	.4"	79	64	55	52.3	2	20"x20"x2"	1,800	"PACE" #A14-12.B1-SI-VBT
	OFFICE/CRAFTS	2850	1.0	755	1												2	20"x25"x2"		"PACE" #A14 FC
AH 2	MECH. EQUIP. RM GYMNASIUM	6800	2.5	1950	5			13.0	5	10	523	.5"	79	64	55	53.1	9	20"x20"x2"	1300	"PACE" #A18-16 B1-DT
AH 3	MECH. EQUIP RM MULTI-PURPOSE	4400	2.5	1925	5			8.1	6	8	543	.65"	79	64	55.2	51.6	2	20"x20"x2"	950	"PACE" #A15-B1-DT
																	2	20"x25"x2"		

ELECTRIC DUCT HEATERS

NO.	LOCATION	CFM	SIZE	KW	V	φ	MFG. & MODEL
EDH 1	AH-1 ZONE #1	800	12x12	2.5	208	3	"BRASCH"
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
—·—o	A.C.D.	AUTOMATIC CONTROL DAMPER
		DOOR LOUVER BY GEN. CONTRACTOR
		FLEXIBLE DUCT
T		THERMOSTAT
	M.V.D.	MANUAL VOLUME/BALANCE DAMPER
— - —	F.D.	FIRE DAMPER

AIR COOLED CONDENSING UNITS

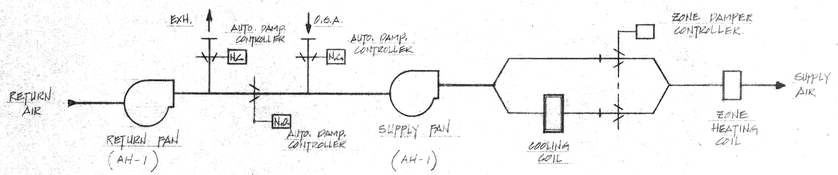
NO.	LOCATION	COMPR QUAN	COMPR F.A.	COMPR LRA	COMPR V	COMPR φ	COND. QUAN	COND. HP	CAPACITY T.NS	CAPACITY BTU	CAPACITY AMB AIR	OPER WT.	MFG. & MODEL
ACC 1	OUTDOOR OFFICE/CRAFTS	1	39.8	177	208	3	2	½	9.8	118,200	98°	660	"WESTINGHOUSE" #ER-010
ACC 2	OUTDOOR GYMNASIUM	1	98.7	368			4	½	18.4	221,300	98°	1330	"WESTINGHOUSE" #ER-020
ACC 3	OUTDOOR MULTI-PURPOSE	1	74.0	306			4	½	13.4	160,800	98°	1280	"WESTINGHOUSE" #ER-015

EXHAUST FANS

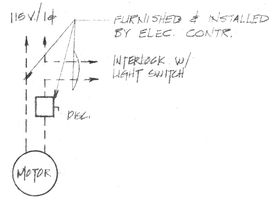
NO.	LOCATION	CFM	S.P.	RPM	T.S.	MOTOR HP	MOTOR V	MOTOR φ	OPE. WT.	MFG. & MODEL
EF 1	WOMEN TOILET	175	.25"	1550	——	1/15	115	1	——	"ACME" # V-2 "MASTER-BILT"
EF 2	MEN TOILET	175	.20"	1550	——	1/15			——	# V-2 "
EF 3	MEN TOILET	240	.375"	1483	3864	1/12			25	# PR-75
EF 4	WOMEN TOILET									# PR-75
EF 5	MEN TOILET									# PR-75
EF 6	WOMEN TOILET									# PR-75

VENTILATORS

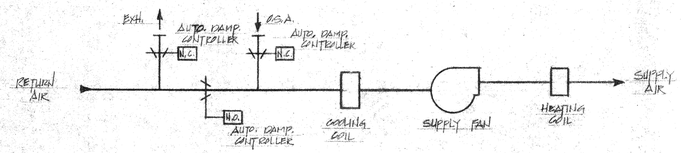
NO.	LOCATION	CFM	S.P.	SIZE	USE	MFG. & MODEL
V 1	ROOF	6800	.2"	36x24	EXH.	"ACME" # 36-24 MODEL "Z"
V 2		6800	.2"	36x24	INTAKE	# 36-24
V 3		4400	.15"	24x24	EXH.	# 24-24
V 4		4400	.15"	24x24	INTAKE	# 24-24
V 5		2850	.10"	12x30	EXH	# 1230



A/H-1 FLOW DIAGRAM



TOILET EXHAUST WIRING DIAGRAM



A/H-2 & 3 FLOW DIAGRAM

GENERAL NOTES

1. AIR DISTRIBUTION AND THERMOSTAT LOCATIONS ARE APPROXIMATE AND SHALL BE CO-ORDINATED WITH THE ARCHITECTURAL REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS.
2. ALL MISC. METAL ANGLES, BRACKETS AND SUPPORTS SHALL BE OF GALV. IRON. ALL WELDING OR BRAZING SHALL BE PAINTED OVER WITH GALVANEEL REPAIR.
3. ALL SUPPLY AIR BRANCH DUCT TAKE-OFFS SHALL HAVE MANUAL BALANCE DAMPERS WITH LOCKING DEVICE.
4. 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.
5. ALL THERMOSTATS SHALL BE FURNISHED W/ METAL DAMPER PROOF GUARD & LOCK KITS.

REGISTERED PROFESSIONAL ENGINEER HAROLD J. STUEVEN No. M 5838 MECHANICAL STATE OF CALIFORNIA

E. WARREN BRUCE ARCHITECT A.I.A.
6370 MAGNOLIA AVE. RIVERSIDE, CALIF. TELE. (714) 781-5764

STUEVEN ASSOCIATES CONSULTING MECHANICAL ENGINEERS
1065-H SORRENTO VALLEY ROAD SAN DIEGO, CALIFORNIA (714) 452-8500 92121

SCHEDULES, CONTROLS & NOTES

PROTOTYPE COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE PARK & RECREATION DEPARTMENT

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

MECHANICAL EQUIPMENT SCHEDULE

AIR HANDLING UNITS

NO.	LOCATION	BLOWER CFM	BLOWER TSP	BLOWER RPM	MOTOR HP	MOTOR V	MOTOR Φ	COOLING COIL FACE	COOLING COIL ROWS	COOLING COIL FINS/IN	COOLING COIL AIR P.D.	COOLING COIL EWT DB	COOLING COIL EWT WB	COOLING COIL LWT DB	COOLING COIL LWT WB	FILTERS QUAN	FILTERS SIZE	OPER. WT.	MFG. & MODEL
AH-1	MECH. EQUIP. RM	3400	2.5	2158	3	208	3	6.1	5	8	.40	79	64	55	52.3	2	20"x20"x2"	1800	"PACE" #AH-13-BHSH-VBT
	OFFICE/CRAFTS	2850	1.0	755	1											2	20"x25"x2"		"PACE" #A14FC

ELECTRIC DUCT HEATERS

NO.	CAT	CFM	KW	W	V	Φ	MFG. & MODEL
EDH-1	AH-1 ZONE #1	800	12x12	2.5	208	3	"BRASCH"
EDH-2	" " #2	580	12x12	1.0			
EDH-3	" " #3	1310	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
—·—o	A.C.D.	AUTOMATIC CONTROL DAMPER
		DOOR LOUVER BY GEN. CONTRACTOR
		FLEXIBLE DUCT
T		THERMOSTAT
	M.V.D.	MANUAL VOLUME/BALANCE DAMPER
— - —	F.D.	FIRE DAMPER

AIR COOLED CONDENSING UNITS

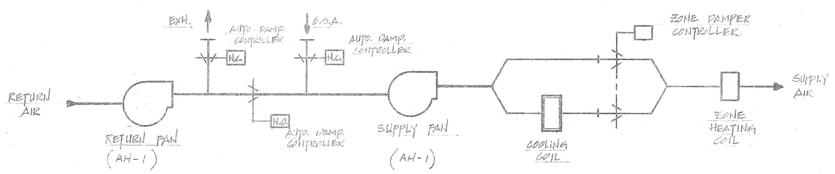
NO.	LOCATION	COMPRESSOR QTY	COMPRESSOR FLA	COMPRESSOR LRA	COMPRESSOR V	COMPRESSOR Φ	CONDR. FAN QTY	CONDR. FAN HP	CAPACITY TONS	CAPACITY BTU	CAPACITY AMBIENT	OPER. WT.	MFG. & MODEL
ACC-1	OUTDOOR OFFICE/CRAFTS	1	39.8	177	208	3	2	1/2	9.8	118,200	95°	660	"WESTINGHOUSE" #ER-010

EXHAUST FANS

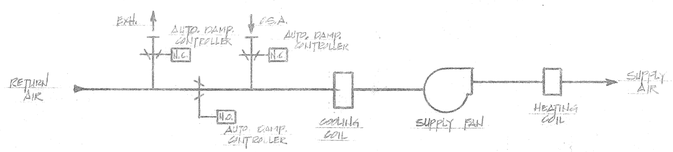
NO.	LOCATION	CFM	S.P.	RPM	T.S.	MOTOR HP	MOTOR V	MOTOR Φ	OPER. WT.	MFG & MODEL
EF-1	WOMEN TOILET	175	.25"	1550	—	1/20	115	1	—	"ACME" #V-2 "MASTER-BILT"
EF-2	MEN TOILET	175	.25"	1550	—	1/20			—	" #V-2 "
EF-3	MEN TOILET	240	.375"	1485	3864	1/20			25	" #PR-75
EF-4	WOMEN TOILET	"	"	"	"	"			"	" #PR-75
EF-5	MEN TOILET	"	"	"	"	"			"	" #PR-75
EF-6	WOMEN TOILET	"	"	"	"	"			"	" #PR-75

VENTILATORS

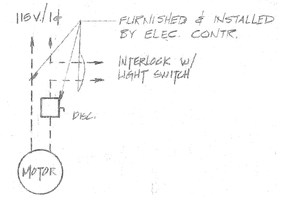
NO.	LOCATION	CFM	S.P.	SIZE	USE	MFG & MODEL
V-1	ROOF	6800	.2"	36x24	EXH.	"ACME" #3624 MODEL "Z"
V-2		6800	.2"	36x24	INTAKE	" #3624
V-3		4400	.15"	24x24	EXH.	" #2424
V-4		4400	.15"	24x24	INTAKE	" #2424
V-5		2850	.10"	12x30	EXH	" 1230



A/H-1 FLOW DIAGRAM



A/H-2 & 3 FLOW DIAGRAM



TOILET EXHAUST WIRING DIAGRAM

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(AS BUILT)

REGISTERED PROFESSIONAL ENGINEER HAROLD J. STUEVEN No. 15630 MECHANICAL

AS-BUILT

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10681 HORRENTO VALLEY ROAD (714) 452-6900
SAN DIEGO, CALIFORNIA 92121

SCHEDULES, CONTROLS & NOTES
(AS BUILT 4-9-80)

PROTOTYPE COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK & RECREATION DEPARTMENT

DATE NOV. 30, 1977
DRAWN
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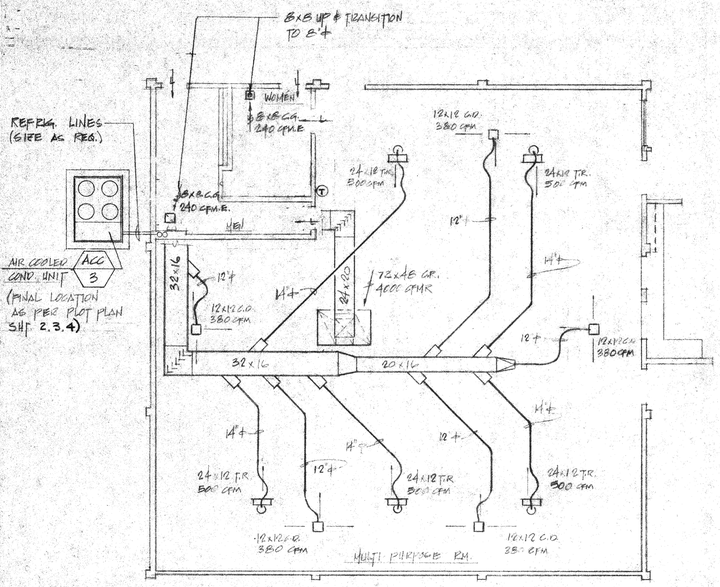
REVISED APRIL 26, 1978
JOB 78202

M-1

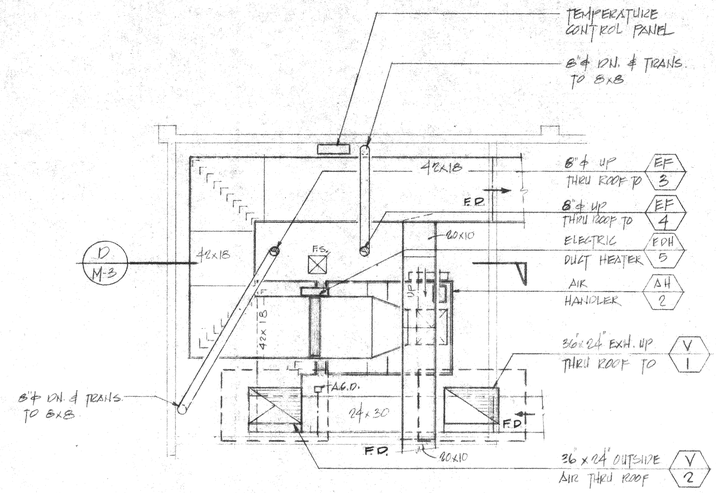
SHEETS OF 53



NOT A PART OF CONTRACT

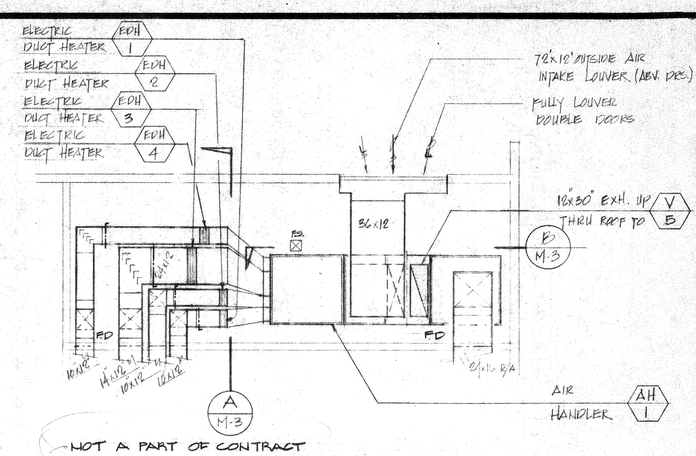
MULTI-PURPOSE ROOM MECHANICAL FLOOR PLAN

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



GYMNASIUM MECHANICAL EQUIP. ROOM

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



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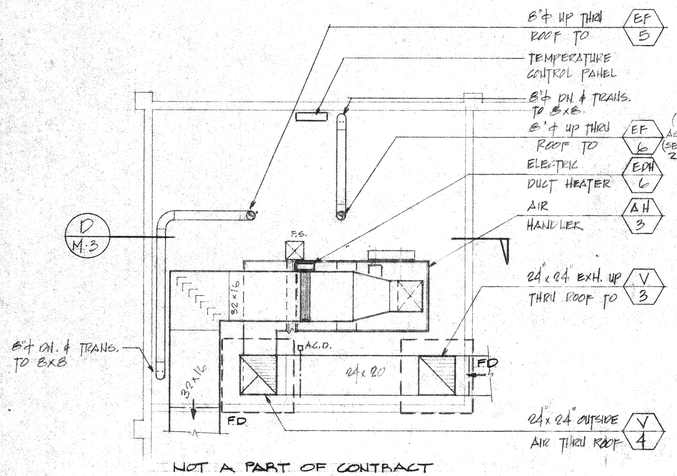
MECHANICAL EQUIP. ROOM

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



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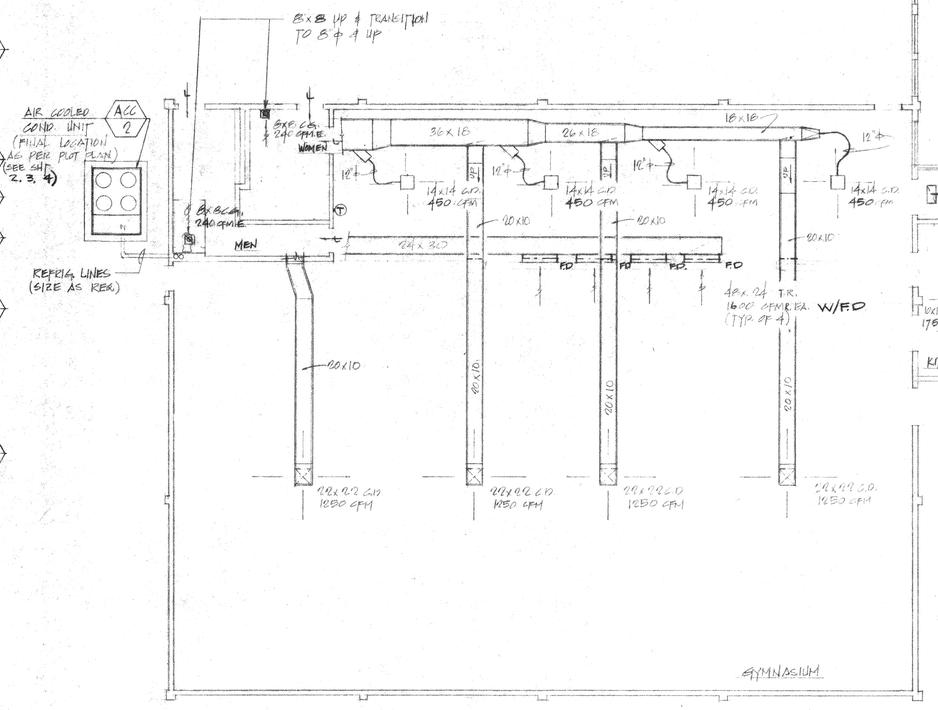
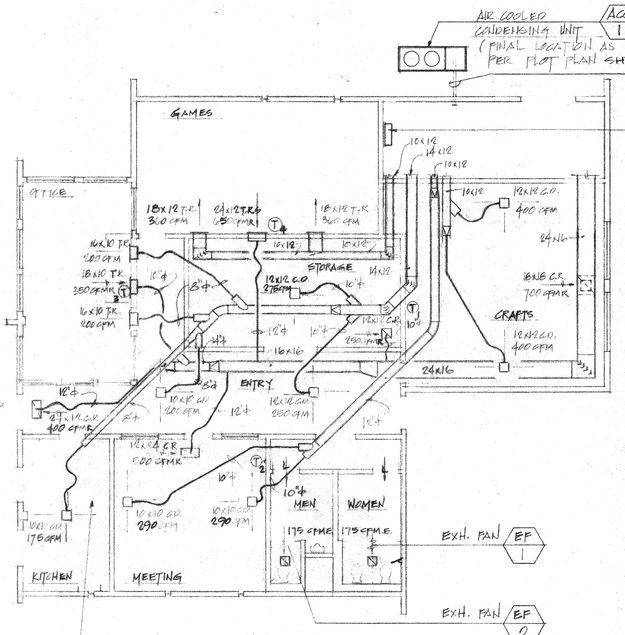
MULTI-PURPOSE MECHANICAL FLOOR PLAN

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





KITCHEN RANGE EXHAUST FANS & WALL JACK BY OTHERS— SEE ARCHITECTURAL PLANS FOR SCHEDULES

MECHANICAL FLOOR PLAN (W/GYMNASIUM)

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

NOTE: PROVIDE FIRE DAMPERS AT ALL CEILING PENETRATION LOCATIONS.

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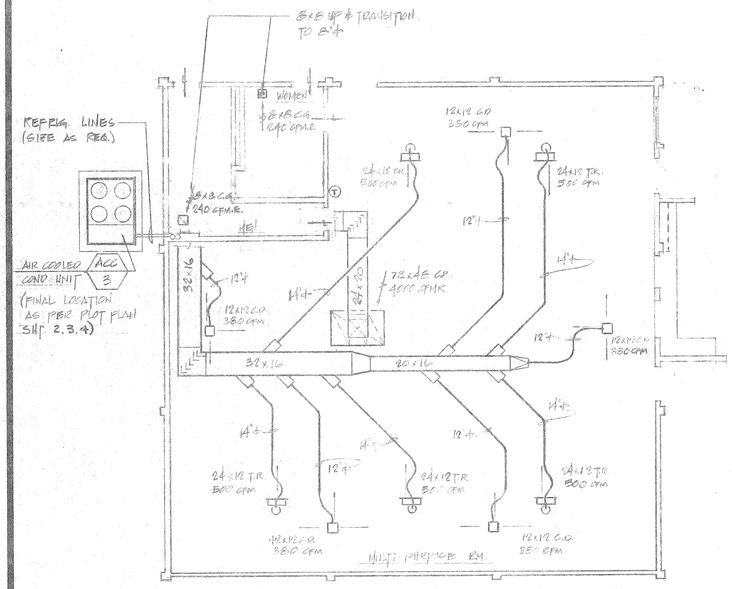
AIR CONDITIONING
FLOOR PLAN & EQUIP. RMS. PLANS

PROTOTYPE COMMUNITY RECREATION CENTER

CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE	NOV. 30, 1977
DRAWN	
CHECKED	
REVISED	APRIL 26, 1978
JOB	76202
	M-2
OF	3 SHEETS

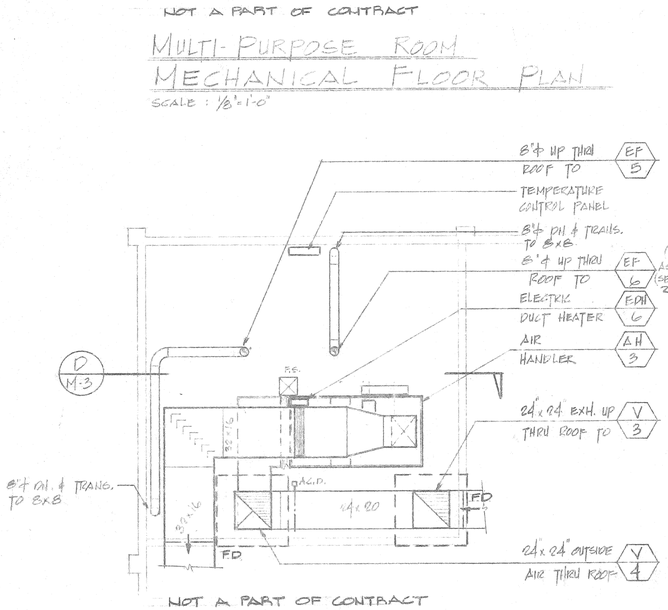
REGISTERED PROFESSIONAL ENGINEER — HAROLD J. STEVEN — MECHANICAL — STATE OF CALIFORNIA



NOT A PART OF CONTRACT

MULTI-PURPOSE ROOM MECHANICAL FLOOR PLAN

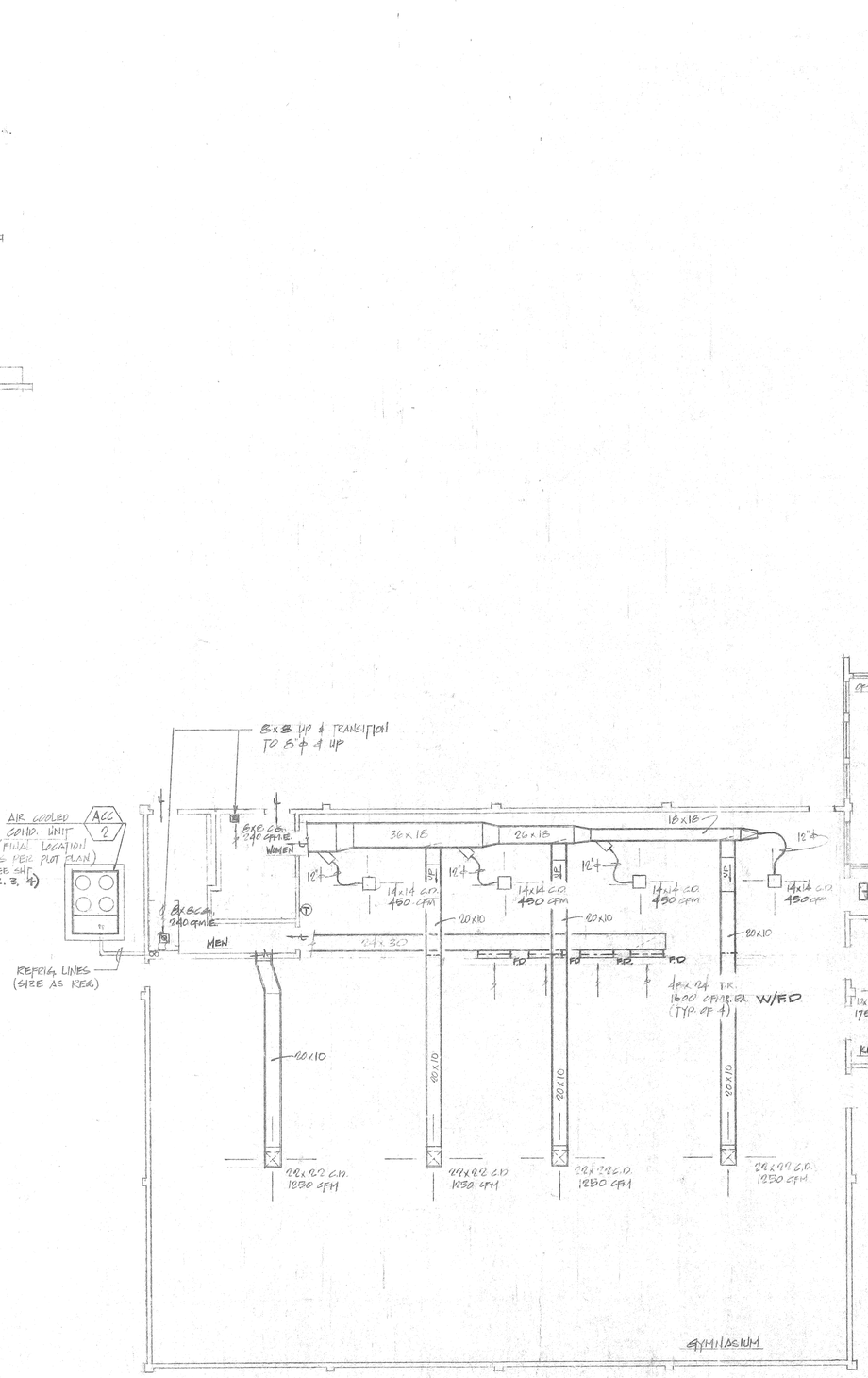
SCALE: 1/8"=1'-0"

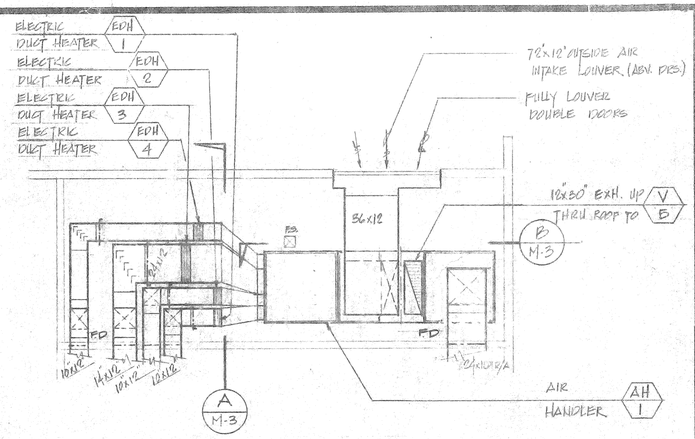


NOT A PART OF CONTRACT

MULTI-PURPOSE MECHANICAL FLOOR PLAN

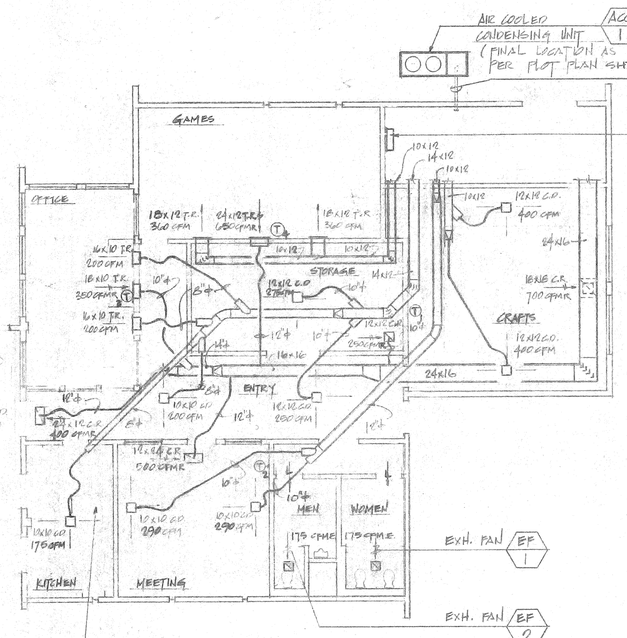
SCALE: 1/4"=1'-0"





MECHANICAL EQUIP. ROOM

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



KITCHEN RANGE EXHAUST FANS & WALL JACK BY OTHERS— SEE ARCHITECTURAL PLANS FOR SCHEDULES

MECHANICAL FLOOR PLAN (W/ GYMNASIUM)

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

NOTE: PROVIDE FIRE DAMPERS AT ALL CEILING PENETRATION LOCATIONS.

(AS BUILT)

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AIR CONDITIONING FLOOR PLAN & EQUIP. RMS. PLANS (AS BUILT 4-4-80)

PROTOTYPE COMMUNITY RECREATION CENTER

CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT

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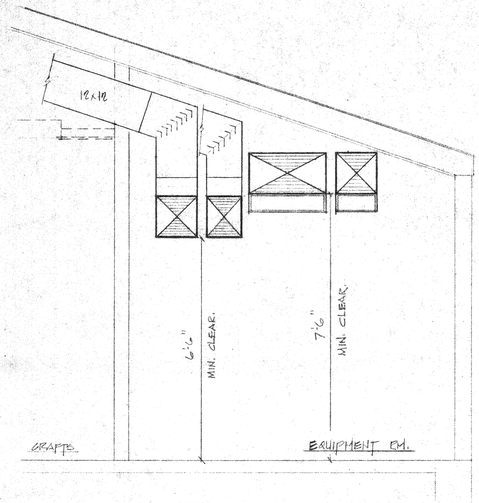
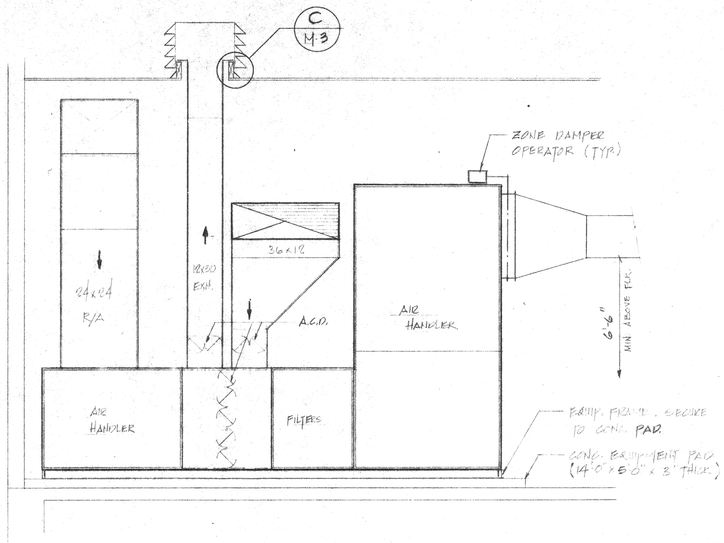
AS-BUILT

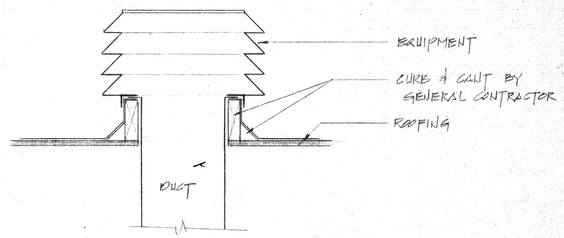
SHEETS OF 55



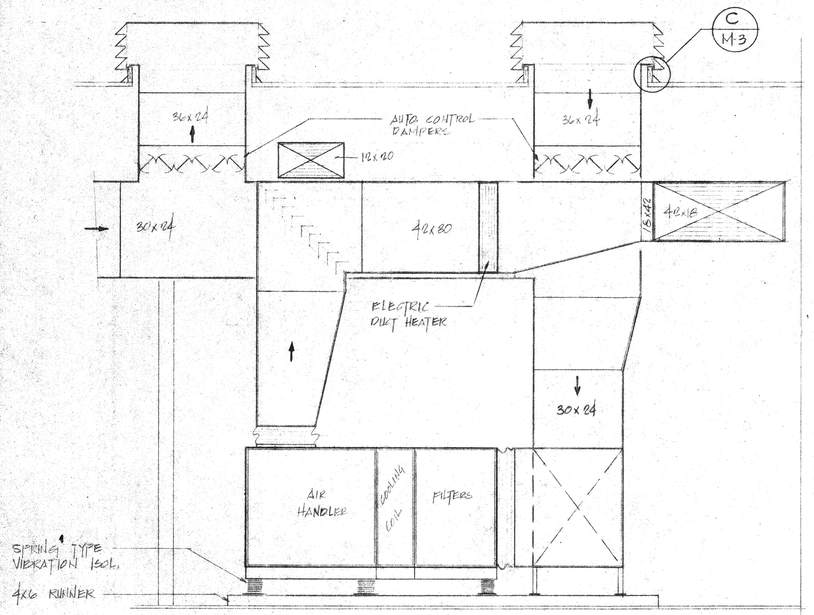
ELEVATION
SCALE: 1/8" = 1'-0"
A M-3



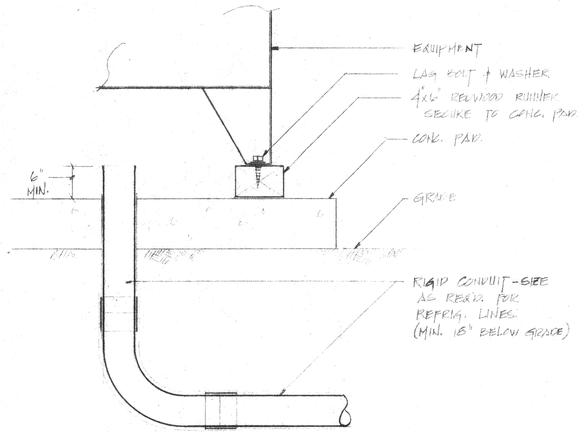
ELEVATION
SCALE: 1/8"=1'-0"
B M-3



ROOF MOUNTED VENTILATOR
SCALE: NONE
C M-3



ELEVATION (GYMNASIUM)
SCALE 1/2"=1'-0"
(MULTI-PURPOSE SIMILAR)
D M-3



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

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ELEVATIONS & DETAILS

PROTOTYPE COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
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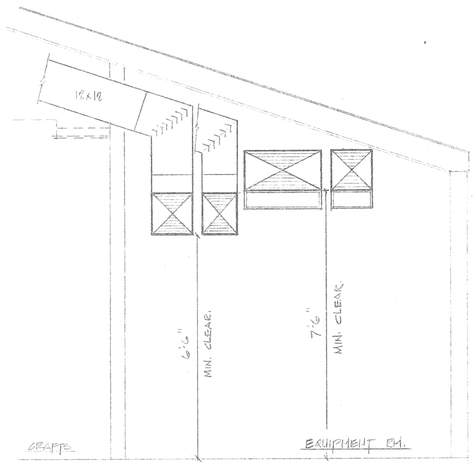
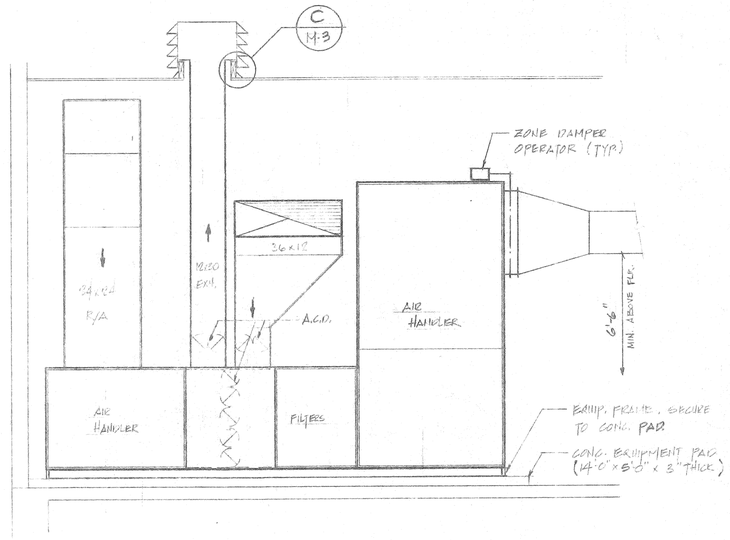
JOB 76202
M-3
OF 3 SHEETS

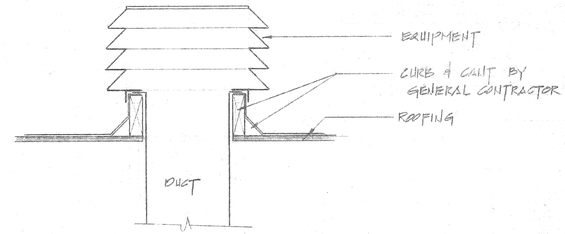
REGISTERED PROFESSIONAL ENGINEER
HAROLD J. STUEVEN
No. 15838
MECHANICAL
STATE OF CALIFORNIA



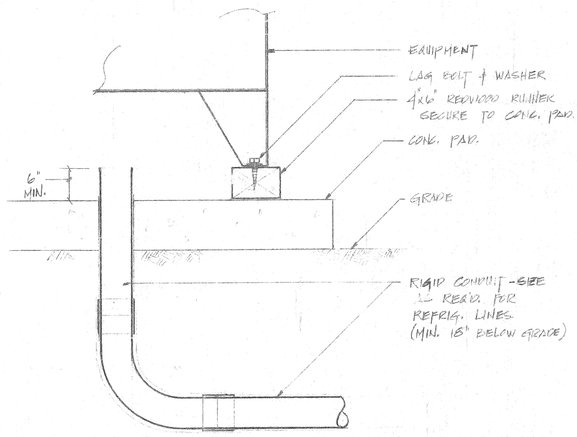
ELEVATION (A / M-3)
SCALE: 1/2" = 1'-0"



ELEVATION (B / M-3)
SCALE: 1/2" = 1'-0"



ROOF MOUNTED VENTILATOR (C / M-3)
SCALE: NONE



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

(AS BUILT)

REGISTERED PROFESSIONAL ENGINEER HAROLD J. STUEVEN No. 15838 MECHANICAL STATE OF CALIFORNIA

AS-BUILT

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ELEVATIONS & DETAILS
(AS BUILT 4-9-80)

PROTOTYPE COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
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DATE NOV. 30, 1977
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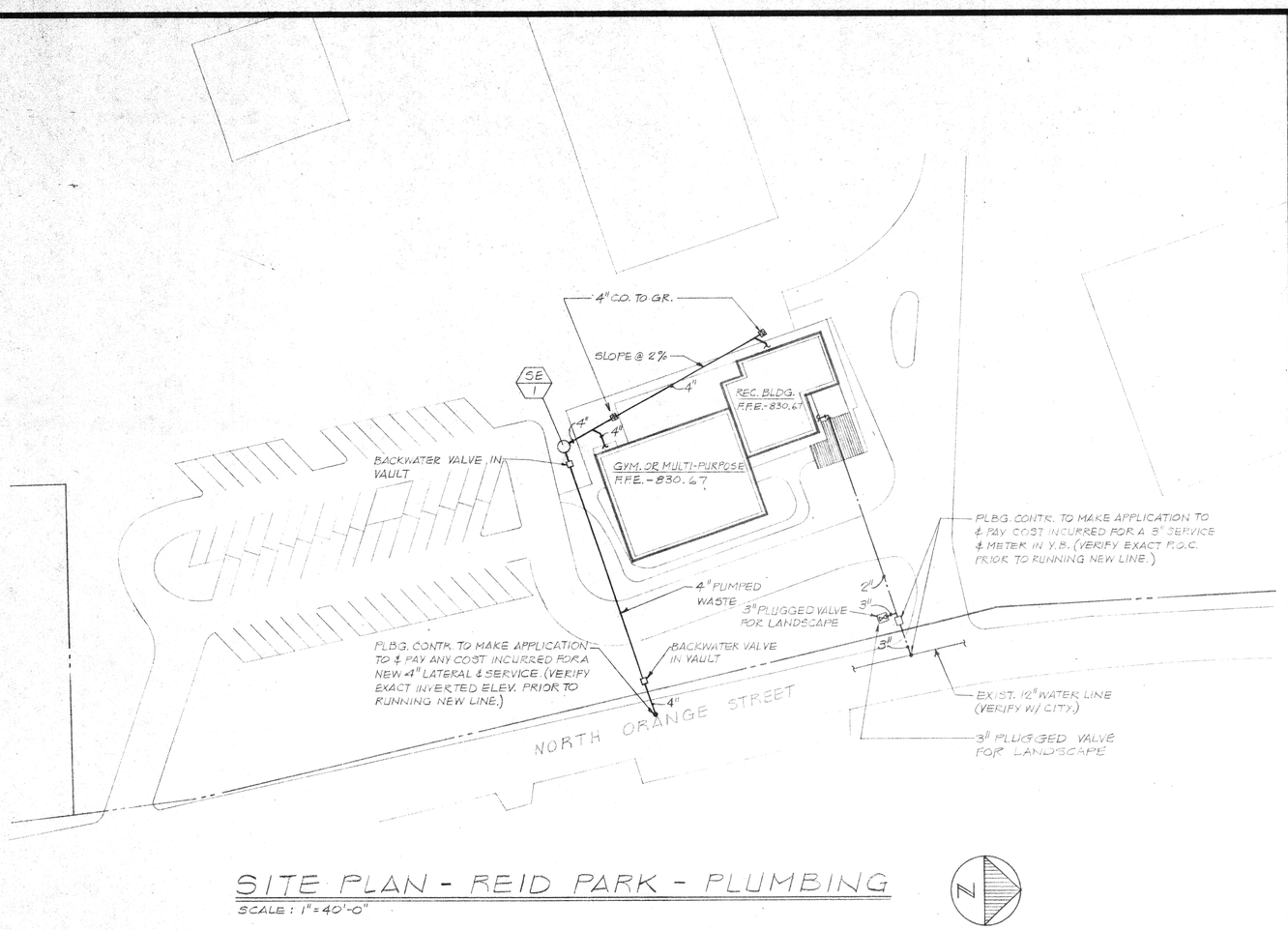
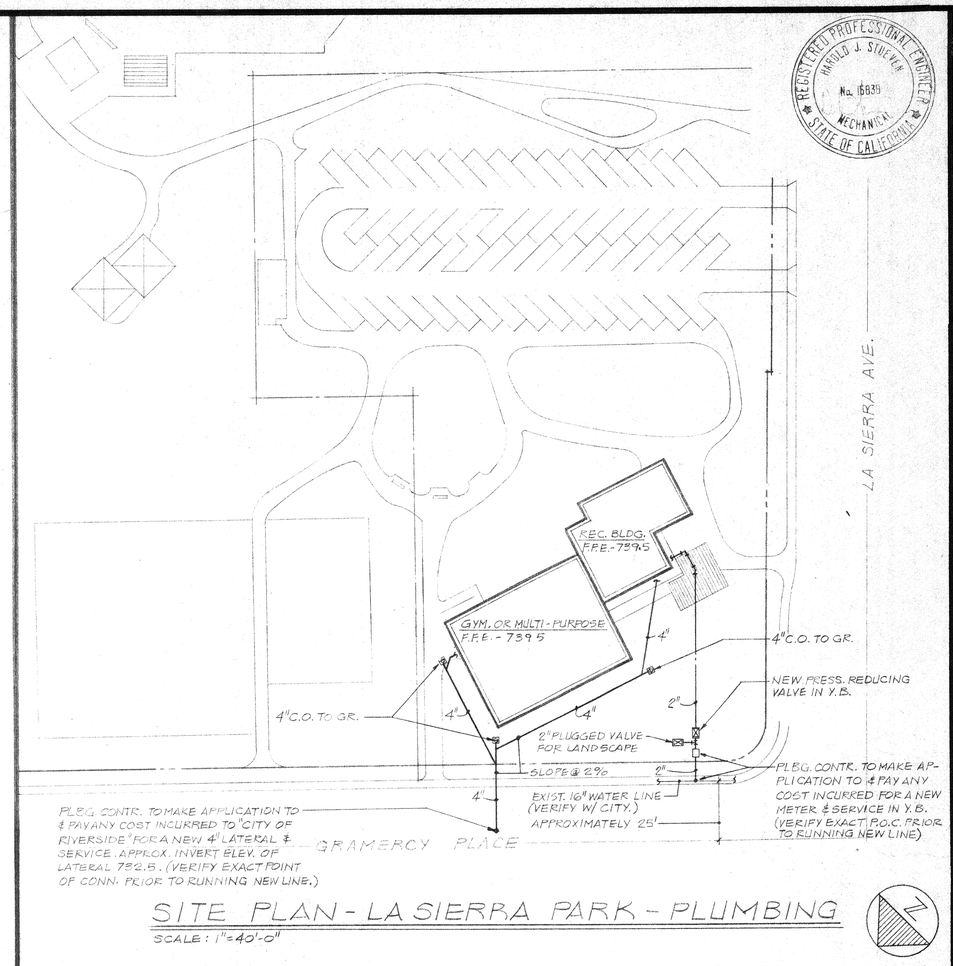
M-3
SHEETS
OF 38



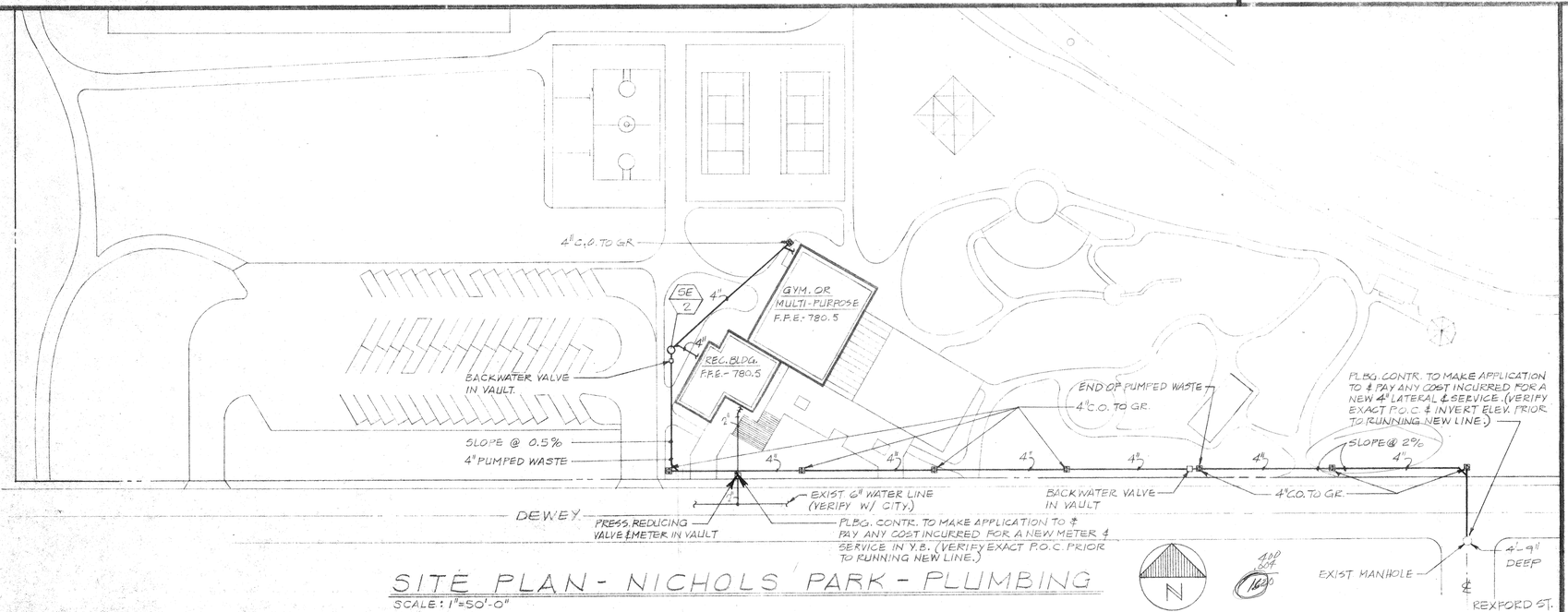
SITE PLAN - REID PARK - PLUMBING

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
———○	U.P.	RISE OR RISER
———○	D.N.	DOWN OR DROP
———⋈	S.O.V.	SHUT OFF VALVE ON RISER OR DROP
———✕	H.B.	HOSE BIBB
	A.B.V.	ABOVE
	BEL.	BELOW
	C.P.	CHROME PLATED
	CONN.	CONNECT OR CONNECTION
	CONT.	CONTINUATION
	CONTR.	CONTRACTOR
	ELEV.	ELEVATION
	H.D.R.	HEADER
	P.O.C.	POINT OF CONNECTION
	V.T.R.	VENT THRU ROOF
	Y.B.	YARD BOX
	F.F.E.	FINISH FLOOR ELEVATION

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SITE PLANS - PLUMBING

PROTOTYPE COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE
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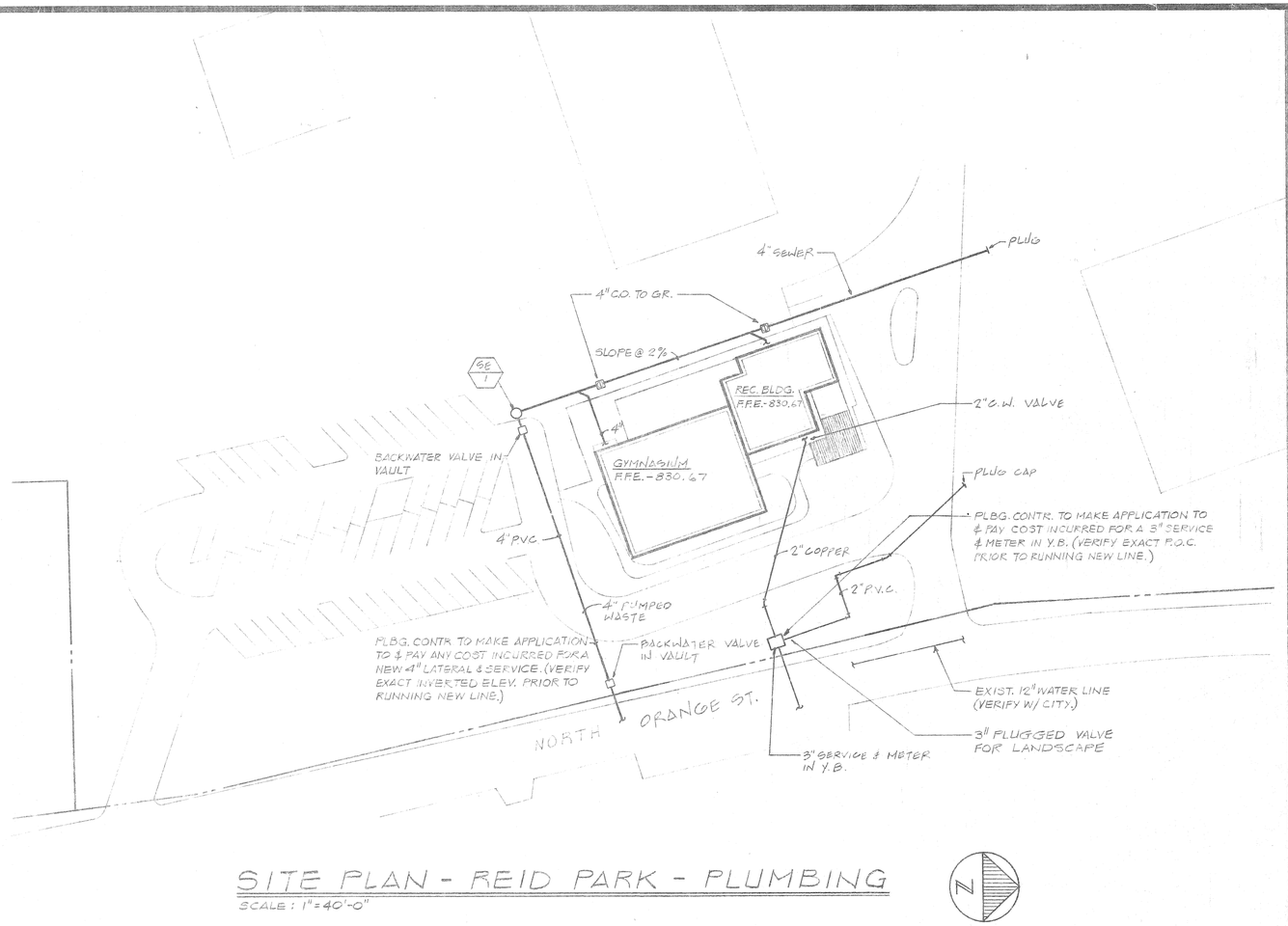
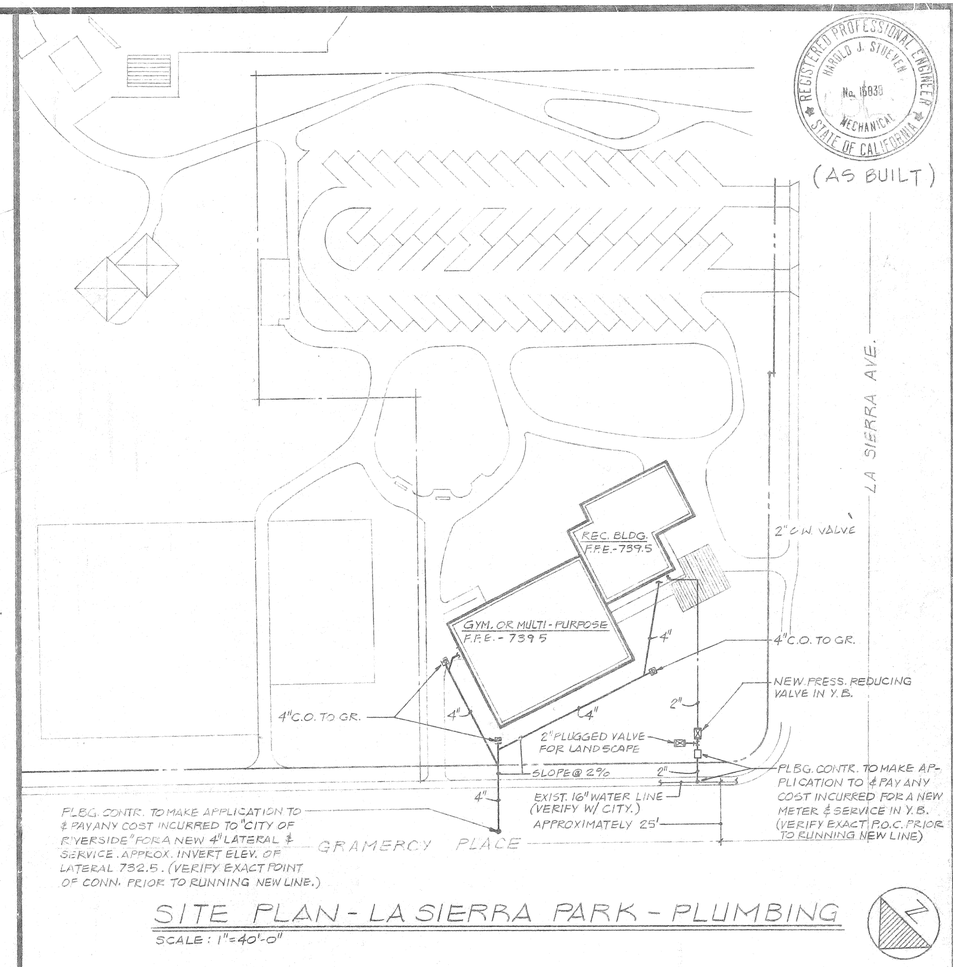
P-1

OF 2 SHEETS
OF 38



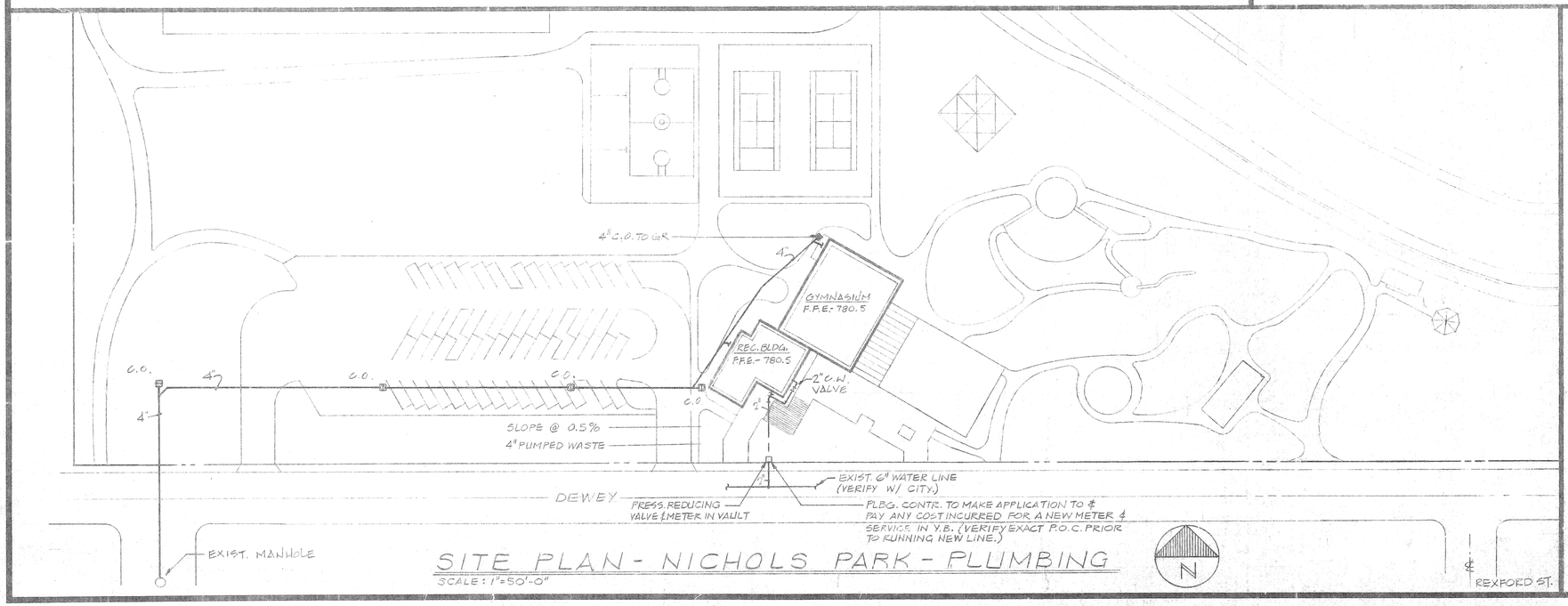
SITE PLAN - REID PARK - PLUMBING

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 TO G	CLEANOUT TO GRADE
	W.C.O.	WALL CLEANOUT
	UP	RISE OR RISER
	DN	DOWN OR DROP
	S.O.V.	SHUT OFF VALVE ON RISER OR DROP
	H.B.	HOSE BIBB
	ABV.	ABOVE
	BEL	BELOW
	C.P.	CHROME PLATED
	CONN.	CONNECT OR CONNECTION
	CONT.	CONTINUATION
	CONTR.	CONTRACTOR
	ELEV.	ELEVATION
	HDR	HEADER
	P.O.C.	POINT OF CONNECTION
	V.T.R.	VENT THRU ROOF
	Y.B.	YARD BOX
	F.F.E.	FINISH FLOOR ELEVATION

REGISTERED PROFESSIONAL ENGINEER HAROLD J. STUEVEN No. 16839 MECHANICAL STATE OF CALIFORNIA

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SITE PLANS - PLUMBING

(AS BUILT 4-9-80)

PROTOTYPE COMMUNITY RECREATION CENTER

CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT

DATE NOV. 30, 1977
DRAWN R.E.
CHECKED F.K.S.
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JOB 76202

P-1

AS-BUILT

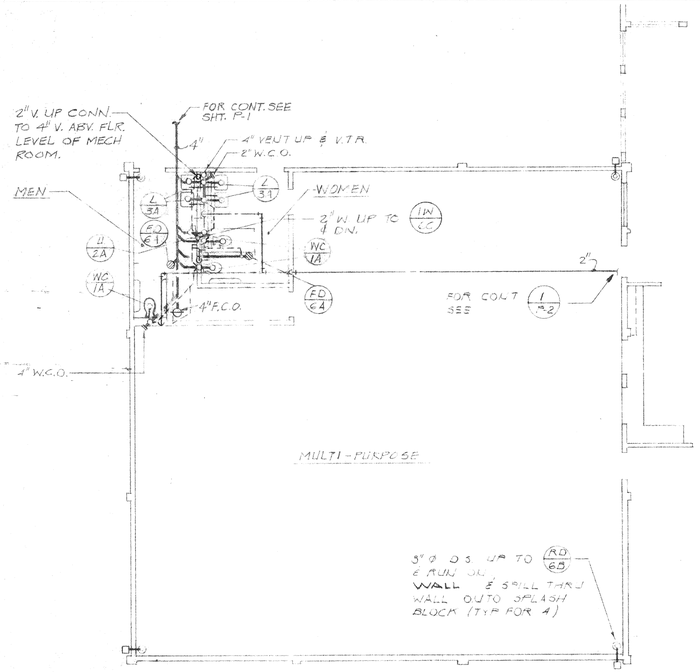
SHEETS OF 38

EQUIPMENT SCHEDULE

ITEM	DESCRIPTION
WH 1	ELECTRIC WATER HEATER-"LOCHINVAR" R-30 @ 30 GALLON STORAGE CAPACITY TO RECOVER 6.2 GPH AT 100° RISE IN TEMPERATURE SINGLE ELEMENT 120 V. 1 Φ 60Hz. COMPLETE WITH A.S.M.E. COMBINATION TEMPERATURE & PRESSURE RELIEF VALVE.
SE 1	DUPLEX SEWAGE EJECTOR "HYDR-O-MATIC" "S" SERIES 1½ H.P. 1750 R.P.M. 208/1-30 60HZ. SUBMERSIBLE NON-CLOG PUMPING UNIT CAPABLE OF 180 GPM @ 27 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

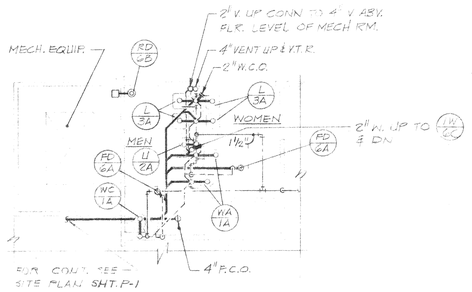
ITEM	WASTE	TRAP	VENT	C.W.	H.W.	DESCRIPTION
WC 1A	4"	INT	2"	1"	•	WATER CLOSET, FLOOR MOUNTED FLUSH VALVE
U 2A	2"	INT	1½"	¾"	•	URINAL WALL HUNG FLUSH VALVE
L 3A	2"	1½"	1½"	½"	•	LAVATORY, WALL HUNG
S 4A	2"	1½"	1½"	½"	½"	33"x22" 2 COMPARTMENT STAINLESS STEEL SINK
S 4B	3"	3"	2"	¾"	¾"	JAN. SINK, WALL HUNG
S 4C	2"	1½"	1½"	½"	½"	24"x18" STAINLESS STEEL COUNTERTOP SINK
EWC 5A	2"	1½"	1½"	½"	•	ELECTRIC WATER COOLER
FD 6A	2"	2"	2"	•	•	FLOOR DRAIN WITH TRAP PRIMER CONN.
RD 6B	5"	•	•	•	•	ROOF DRAIN
IW 6C	2"	2"	2"	•	•	INDIRECT WASTE RECEPTOR



ALTERNATE MULTI-PURPOSE FLOOR PLAN (A)

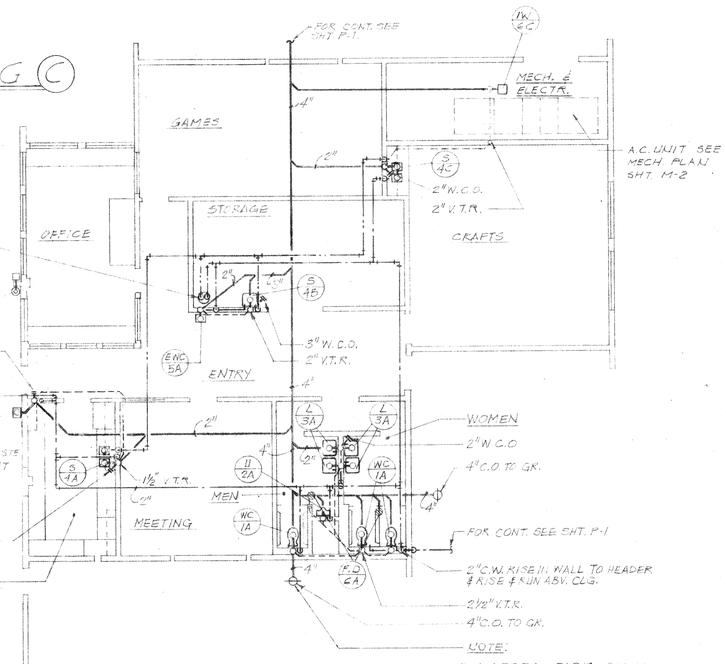
SCALE: 1/8" = 1'-0" (REID & NICKOLS PARK ONLY)

NOT PART OF CONTRACT



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 (1)

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

* LA SIERRA PARK ONLY
LOCATE CLEANOUT AT UPSTREAM END OF DRAIN SYSTEM. REVERSE FLOW OF BRANCH LINES AS NEED & ROUTE WASTE AS SHOWN ON SHT P-1

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ARCHITECT A.I.A.
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TELE. (714) 781-9764

STEVEN ASSOCIATES
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PLUMBING FLOOR PLAN

PROTOTYPE COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT

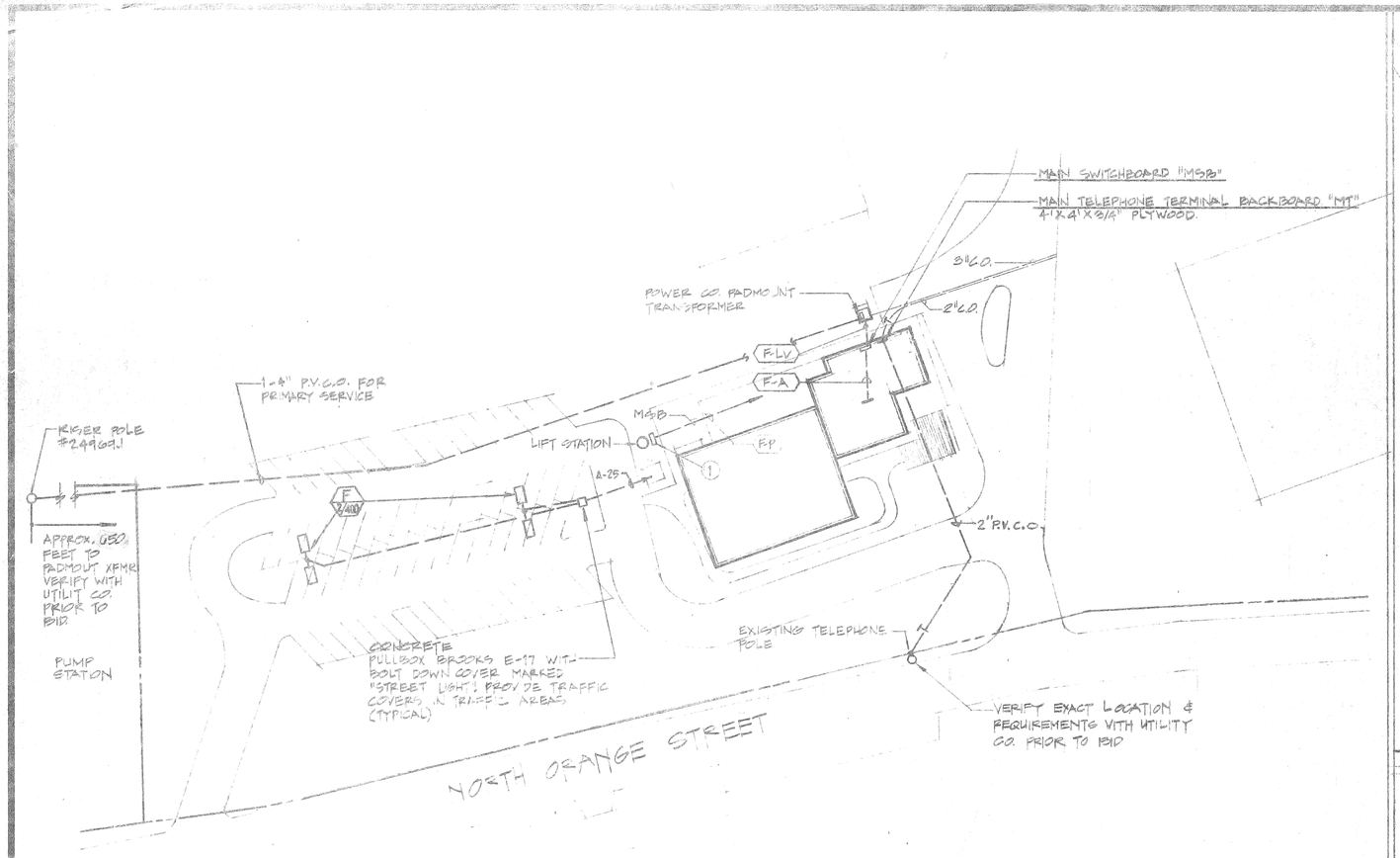
DATE NOV. 30, 1977
DRAWN M.R.
CHECKED F.K.S.
REVISED APRIL 26, 1978

JOB 76202

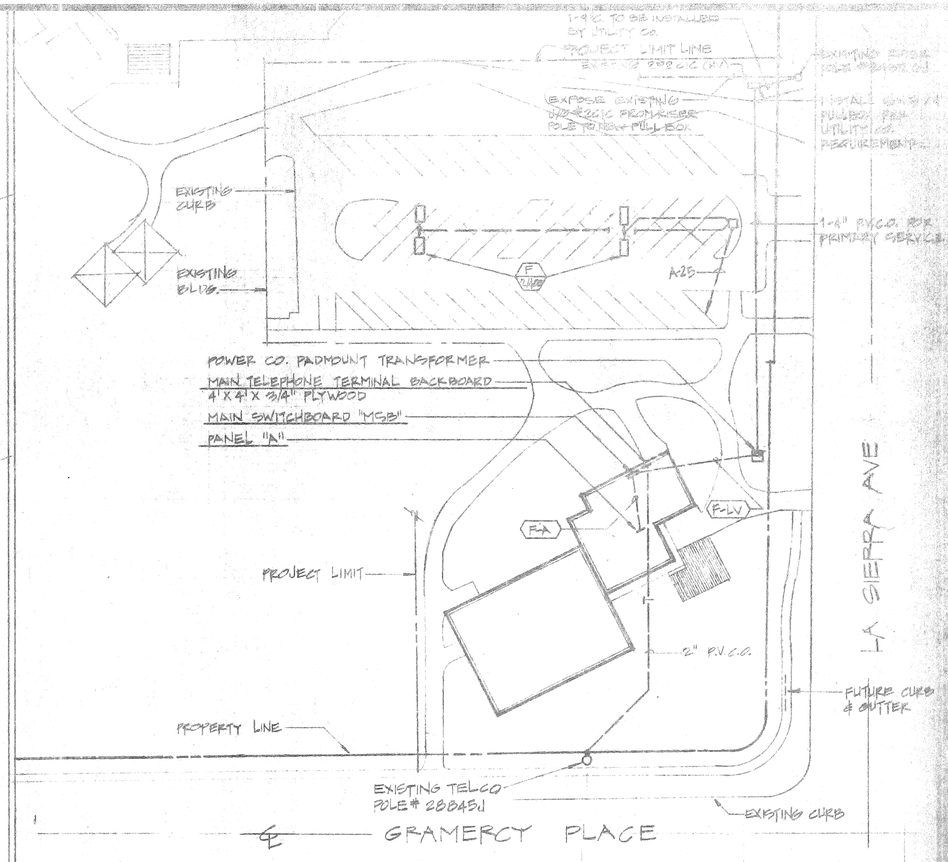
P-2

OF 2 SHEETS

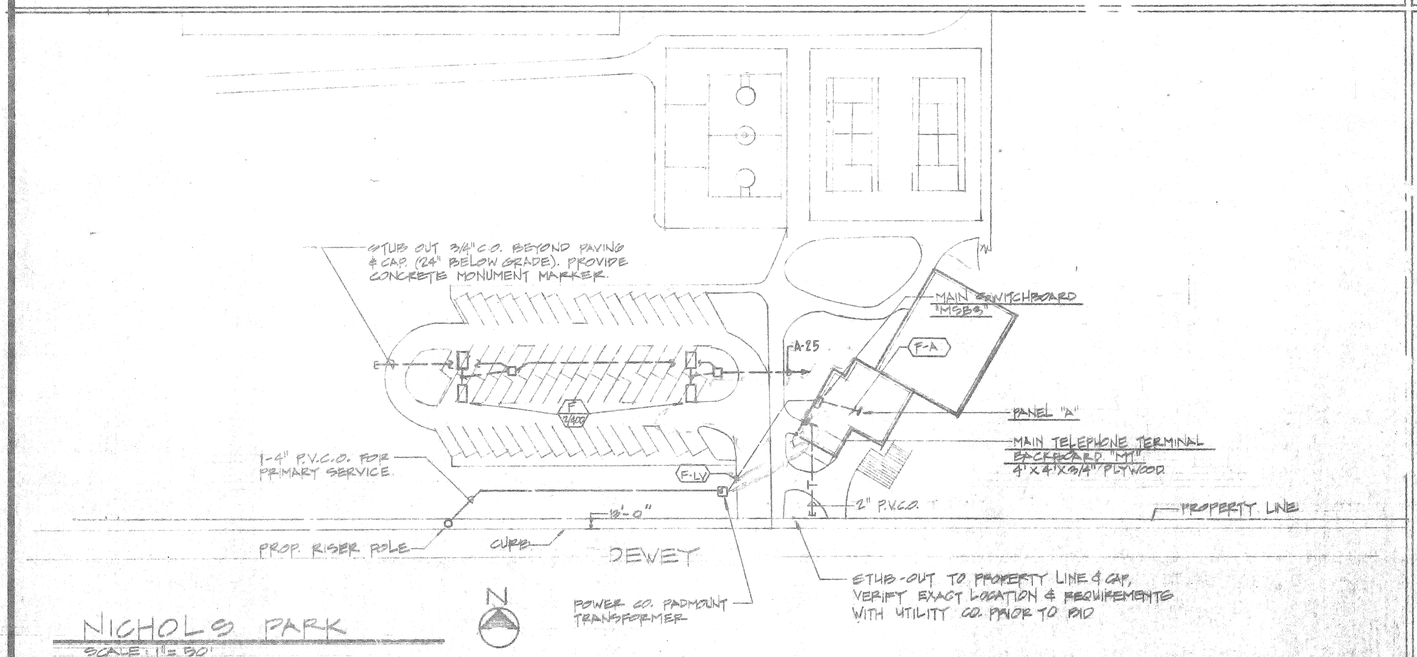
REGISTERED PROFESSIONAL ENGINEER HAROLD J. STEVEN No. 15836 MECHANICAL STATE OF CALIFORNIA



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.
3900 MAIN ST.
RIVERSIDE, CA 92501
TEL: (714) 787-7451 ROBERT B. SPIRES

TELEPHONE:
PACIFIC TELEPHONE CO.
3075 ADAMS ST. RM. 211
RIVERSIDE, CA 92504
TEL: (714) 687-0096 G.L. SCOVILLE

* 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) 1½H.P., 208V., 3 Φ RUN 1-3" 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 WITH-IN 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.

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ARCHITECT
ELECTRICAL SITE PLANS

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ELECTRICAL POWER PLAN

ACC 2 — 208 V. 3Φ COMPRESSOR 24.0 FLA COND. FANS 4 AT 1/2 HP TOTAL UNIT FLA = 82.8

B / E-4 SEE DETAIL THIS SHEET

F-ACC-2

FOR POWER IN THIS AREA SEE POWER BELOW TO THE RIGHT OF THE GYM

4'X4'X3/4" PLYWOOD BACKBOARD

F-AH-2

F-EDH-6

1/2"C.O. FOR MECH. CONTROL

MSB

A-19,21

3#8, 3#6 1"C

EDH 6 — 10 KW 208V, 3Φ

AH 2 — 5 H.P. 208V. 3Φ

SEE LTG. PLAN SH. E-3

A-34

CKT. 19 UP TO LT. SEE SHEET E-3.

10' C.O. IN BKBD. IN ROOM ABOVE.

OMIT

ELECTRICAL PLAN-MULTI-PURPOSE MECHANICAL EQUIPMENT ROOM (ABOVE RESTROOM) — B / E-4

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

ELECTRICAL POWER PLAN (MULTI-PURPOSE ROOM ONLY)

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

6"SQ x 6'-0" LONG GUTTER WITH SCREEN COVER

6"x6"x3/4" PLYWOOD BACKBOARD

3#10 1/2"C.

DUCT HEATER CONTROL PANEL

MSB

F-MCP

EDH-3 2.5KW 208V. 3Φ

EDH-4 2.0 KW 208V 3Φ

EDH-2 1.0 KW 208V 3Φ

EDH-1 2.5KW 208V 3Φ

AH-1 1-3 HP @ 1-1HP 208V, 3Φ

MOTOR CONTROL BACKBOARD — C / E-4

NO SCALE

DENBU GROUND ROD IN WELL 3/4" Ø x 10' COPPER ROD BONDED W/#6SD GROUND WIRE (LOCATED APPROX. 2' FROM WALL IN COR. ELECTRICAL BOX)

EMERGENCY UNIT "EPU" 120V. INPUT & OUTPUT RATED OUTPUT 1000VA MAIN SWITCHBOARD "MSB"

MOTOR CONTROL BKBD. "MCB", SEE C / E-4

ACC 1 — COMPRESSOR 24.8 FLA COND. FANS 2 @ 1/2 HP TOTAL FOR UNIT 44.2 FLA, 208V., 3Φ

3/4"C. TO MECH. BKBD. OPPOSITE "MCB" (CONTROL)

"MCB"

F-ACC-1

EDH 3

FOR IRRIGATION CONTROLLER CONNECTS AS REQ'D

AH 1

3/4"C FOR MECH. CONTROL

EDH 4

A-32 3/4"C FOR MECH CONTROL

EDH 1 EDH 6 — MAIN TELEPHONE TERMINAL BACKBOARD 1"T x 4'-4"H x 3'-4" PLYWOOD. PROVIDE 3/4" C. GROUND TO C.W. PIPE.

A-20,22,24 PANELING

1" C.O.

3/4"C.O.

F.W. HEATER 1.5 KW 120V

A-29,31

A-14,16,18

FA. INTERFACE UNIT

3/4"C.O.

SEE LTG. PLAN SH. E-3

PAY PHONE +5'-0"

EWC

VERIFY EXACT MOUNTING HEIGHT WITH ARCH.

+45"

#6, 1"C.

2#8, 1#12, 1"C. A-28, 33, 27

FOR RANGE 8.2 KW, 208V. 1Φ, 3W

FIRE ALARM SYSTEM CONTROL PANEL "FAC"

SEE ADENDA #1

3'W x 4'H x 3/4" PLYWD BACKBOARD

REMOTE BALLAST

6"SQ x 3' LONG GUTTER W/SC COVER

TO FIXTURE TYPE A-1

4"x4"x3/4" PLYWD BACKBOARD

1/2"C.O. FOR MECH CONTROL

A-19,21

17 KW, 208V., 3Φ

TO FIXTURE TYPE A-1, SEE LTG. PLAN SH. E-3

5 H.P. 208 V. 3Φ

ALTERNATE LOCATION FOR ACC-2 SEE ARCHITECTURAL PLOT PLANS.

SEE DETAIL THIS SHEET

ELECTRICAL PLAN-GYMNASIUM MECHANICAL EQUIPMENT ROOM (ABOVE RESTROOMS) — A / E-4

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

UP TO LIGHT, SEE SHEET E-3.

PANEL "A"

MSB

F-ACC-2

FOR FUTURE SCOREBOARD +11'-8"

TO PANEL "A" 1"C.O.

SHEET NOTES

1. VERIFY EXACT LOCATION OF ALL MECHANICAL & PLUMBING EQUIPMENT, POINT OF CONNECTION & LOCATION OF ELECTRICAL DEVICES FOR EQUIPMENT PRIOR TO ROUGH-IN. REFER TO MECHANICAL PLANS FOR CONTROL WIRING DIAGRAMS. VERIFY CONTROL WIRING WITH MECH. CONTRACTOR
2. 3/4" C. TO MECHANICAL CONTROLS IN MECHANICAL EQUIPMENT ROOM ABOVE.
3. FOR STEAMER 120V. 1Φ MOUNT RECEPTACLE HORIZONTALLY IN TOE SPACE OF CABINET. VERIFY ELECTRICAL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
4. FOR RESIDENTIAL TYPE HOOD EXHAUST 1/6 HP AND LIGHT, 120V. +72". VERIFY MOUNTING & ELECTRICAL & ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN & CONNECT AS REQUIRED
5. F.A. SYSTEM RADIO ALARM TRANSMITTER (W.P.) +5'-0". EXTEND 3/4"C. WITH COAX CABLE FROM TRANSMITTER UP TO ANTENNA MOUNTED ABOVE ROOF. VERIFY ALL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
6. FOR SECURITY ALARM SYSTEM, +60"
7. REMOTE FIRE ALARM TROUBLE STATION EQUAL TO SIMPLEX 4230SB AUX IN 6006-140 CABINET, FLUSH MOUNTED. CENTER ON WINDOW HORIZONTALLY & BETWEEN WINDOWS VERTICALLY

ELECTRICAL POWER PLAN (WITH GYMNASIUM)

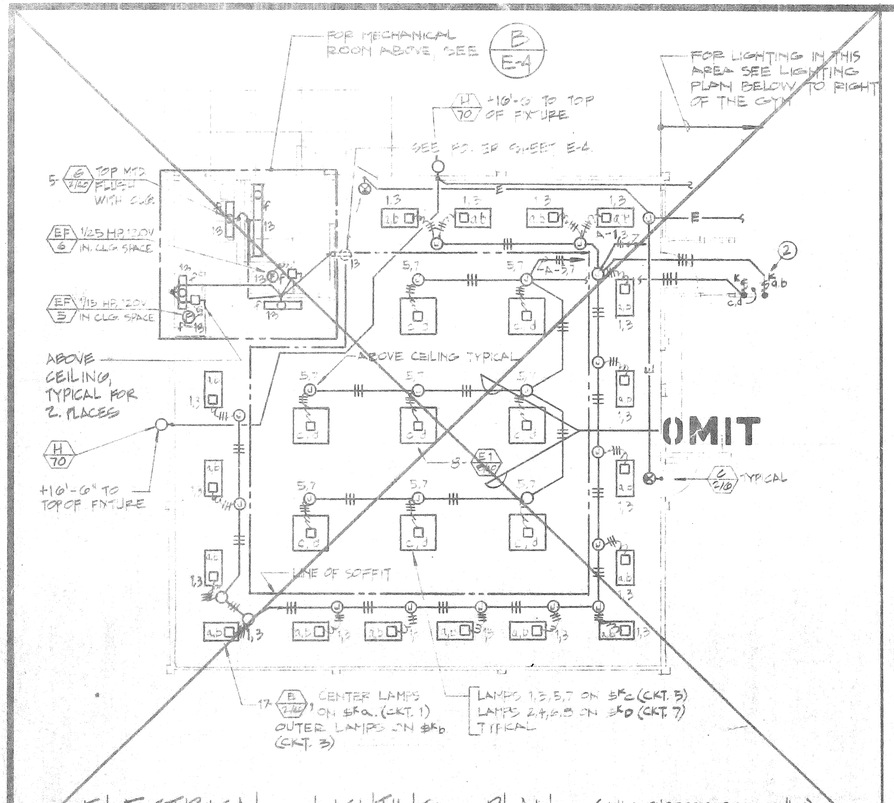
SCALE: 1/8"=1'-0"

PROTOTYPE COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE PARK & RECREATION DEPARTMENT

DATE APRIL 27, 1973
DRAWN RB
CHECKED
REVISED

E-2

SHEETS



ELECTRICAL LIGHTING PLAN (MULTI-PURPOSE ROOM ONLY)

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

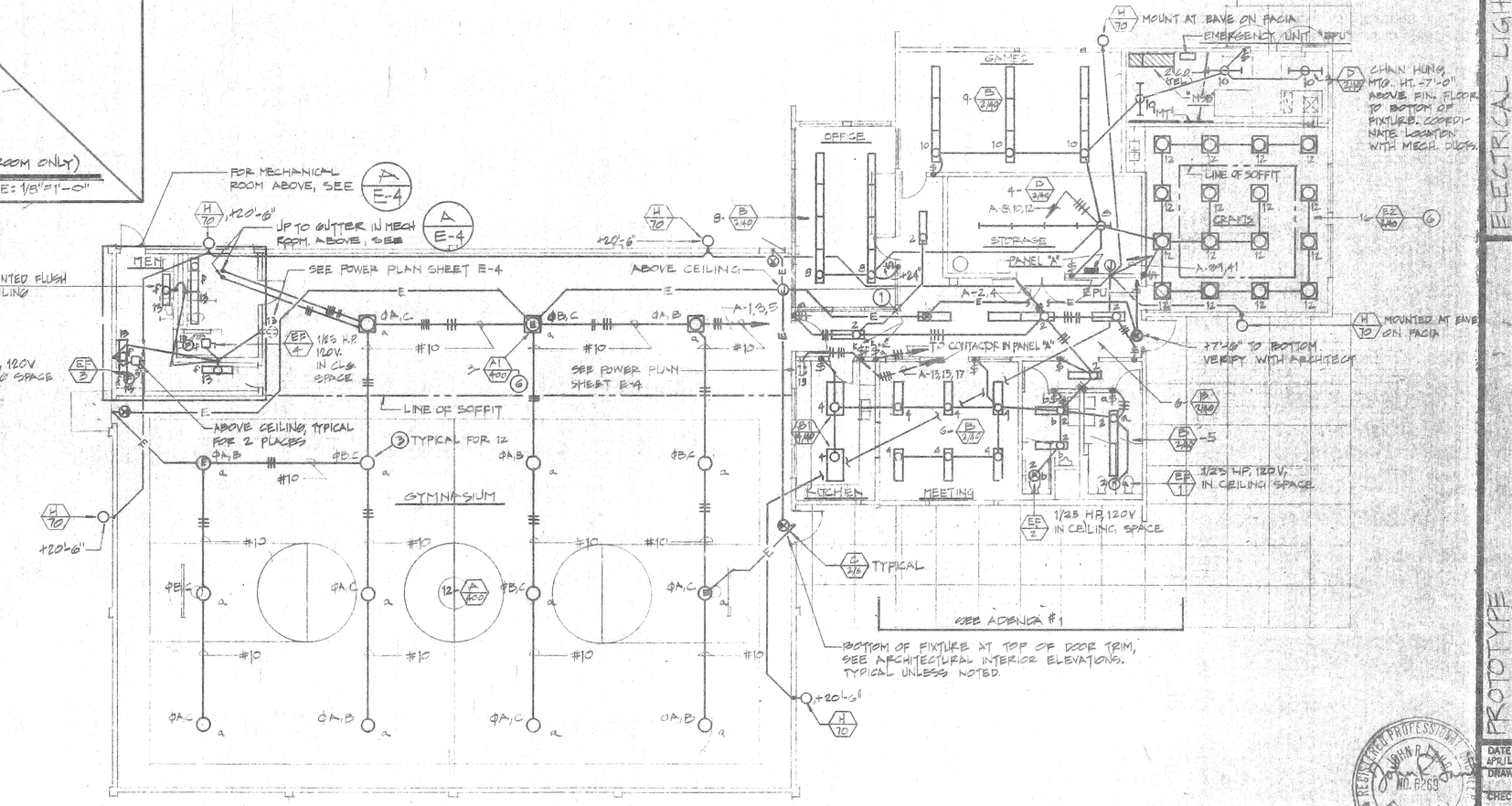
SHEET NOTES

1. SWITCH $S^{a,c}$ ONLY ON RECREATION CENTERS WITH GYMNASIUMS.
2. SWITCH $S^{b,d}$ ONLY ON RECREATION CENTERS WITH MULTI-PURPOSE ROOMS.
3. FIXTURE TYPE "A" SHALL BE MOUNTED PARALLEL TO THE FLOOR.
4. VERIFY MOUNTING REQUIREMENTS FOR ALL RECESSED LIGHTING FIXTURES PRIOR TO ORDERING FIXTURES, REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND COORDINATE WITH CEILING CONTRACTOR.
5. VERIFY MOUNTING REQUIREMENTS WITH CEILING INSTALLER PRIOR TO ORDERING LIGHT FIXTURES
6. FIXTURES SHALL BE BOXED IN TO MAINTAIN THE RATING OF CEILING

LIGHTING FIXTURE SCHEDULE — SEE NOTE (5)

TYPE	DESCRIPTION	LAMPS	LOAD	MFG. & CATALOG NUMBER
A/400	30" SQUARE SURFACE MOUNTED METAL HALIDE UNIT WITH STEEL HOUSING, REFRACTIVE GRID DIFFUSER WITH OPTICAL INTERFACE, WIRE GUARD AND INTEGRAL 208V BALLAST. PROVIDE 250W. QUARTZ LAMP SOCKET & SWITCHING CIRCUIT WHERE NOTED ON PLANS.	1-400W METAL HALIDE RATED FOR 40,000 LUMENS & 1-250W. QUARTZ WHERE NOTED ON PLANS.	480	HOLOPHANE #S-2104-208-Y-STR-SWG/EMLR WHERE INDICATED EMERGENCY UNIT). OR EQUAL
A1/400	SAME AS TYPE "A" EXCEPT RECESSED 2'X2' UNIT WITH REMOTE BALLAST	SAME AS TYPE "A"	480	HOLOPHANE #6-2104-208-Y-SWG-R83-205 (EMLR WHERE INDICATED EMERGENCY UNIT). OR EQUAL.
B/240	SURFACE MOUNTED NOM. 1'X4' FLUORESCENT UNIT, STEEL HOUSING, PRISMATIC ACRYLIC LENS. WHITE HOUSING FINISH.	2-F40-WW	100	GUTH #A-2-2-120-WW-SC-EB-ACK KEENE #CBS-240 DAYBRITE #4S-2S17-4 OR EQUAL
B1/240	SAME AS TYPE "B" EXCEPT NOMINAL 18"X4' UNIT.	4-F40-WW	200	GUTH #ACR-4-2-120-WW KEENE #CBS-440 DAYBRITE #4S-2S17-4 OR EQUAL
C/48	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-F6T5	38	PRESCOLITE #7300 JEMES. MARCO #EXTRUDEL ALUMINUM 4" SERIES. MC PHILBEN SQ LINE OR EQUAL.
L/240	FLUORESCENT STRIPLIGHT WITH WIRE GUARD. SURFACE MOUNTED OR CHAIN HUNG WITH 1/0 TENSO CHAIN WHERE NOTED ON PLANS.	2-F40-WW	100	LUTHONIA #C240 ACME #2240-40 PRESCOLITE #P122-HSMRS OR EQUAL

TYPE	DESCRIPTION	LAMPS	LOAD	MFG. & CATALOG NUMBER
E/240	FLUORESCENT 2'X4' UNIT OF PRIMED STEEL BODY, PRISMATIC ACRYLIC LENS, HOTPIN RECESSED DOUBLE DOOR FRAME.	4-F40-WW	200	GUTH #FS14494-G-ACK1, COLUMBIA, DAYBRITE OR EQUAL
E1/240	SAME AS TYPE "E" EXCEPT 4'X4' UNIT WITH PRISMATIC ACRYLIC PARK 15 LENS.	8-F40-WW	400	GUTH #FS14484-G-ACK1, COLUMBIA, DAYBRITE OR EQUAL.
E2/240	SAME AS TYPE "E" EXCEPT 2'X2' UNIT.	2-F40"U"WW	100	GUTH #FS14484-G-ACK1, COLUMBIA, DAYBRITE OR EQUAL.
F/240	TWO RECTILINEAR LUMINAIRES WITH INTEGRAL 208V. REGULATED HPF BALLAST, MOUNTED ON SQUARE ALUMINUM POLE, BRONZE ANODIZED FINISH, MOUNTED 20'-0" ABOVE FINISHED GRADE. SEE DETAIL A/E-5	2-400 WATT H.P.S.	480	GARDCO #C1923-208-400-HPS-BRA & POLE #C49-18-BRONZE ANODIZED FINISH. KIM, MCPHILBEN, STERNER OR EQUAL
~~F1/400~~	~~SAME AS TYPE "F" EXCEPT WITH 1 LUMINAIRE.~~	~~400 WATT H.P.S.~~	~~480~~	~~GARDCO #C1913-208-400-HPS-BRA & POLE #C49-18-BRONZE ANODIZED FINISH. KIM, MCPHILBEN, STERNER OR EQUAL~~
	NOT USED			
G/240	SURFACE MOUNTED CORNER FLUOR. FIXTURE. HIGH IMPACT ACRYLIC LENS, TAMPER PROOF.	2-F40-WW	100	PRUDENTIAL #P5402-48-R2TP ALKCO #8642-TP, OR EQUAL
H/70	WALL PACK UNIT, PRISMATIC GLASS REFRACTOR, DIE CAST ALUMINUM HOUSING. CAST ALUM. GUARD. SAFETY CHAIN BETWEEN HOUSING & DOOR. INTEGRAL 208V HPF AUTOTRANSFORMER BALLAST DARK BRONZE HOUSING & GUARD.	70W HPS	115	HOLOPHANE #419-208-TP-0108-B23 DIVINE OR EQUAL



ELECTRICAL LIGHTING PLAN (WITH GYMNASIUM)

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

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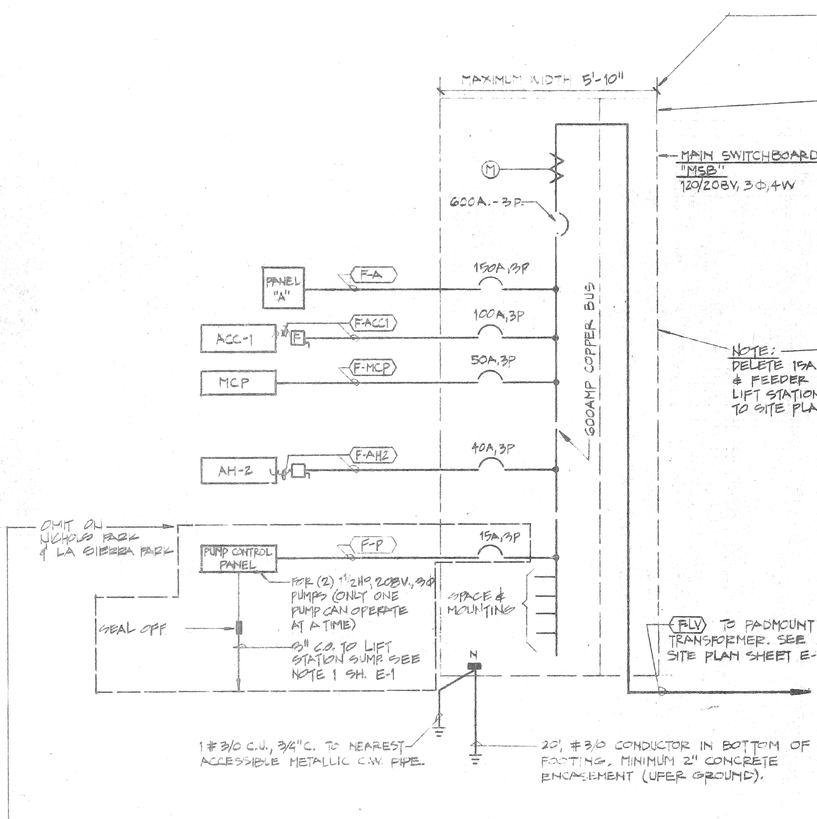
PROTOTYPE COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE PARK & RECREATION DEPARTMENT
ELECTRICAL LIGHTING PLAN

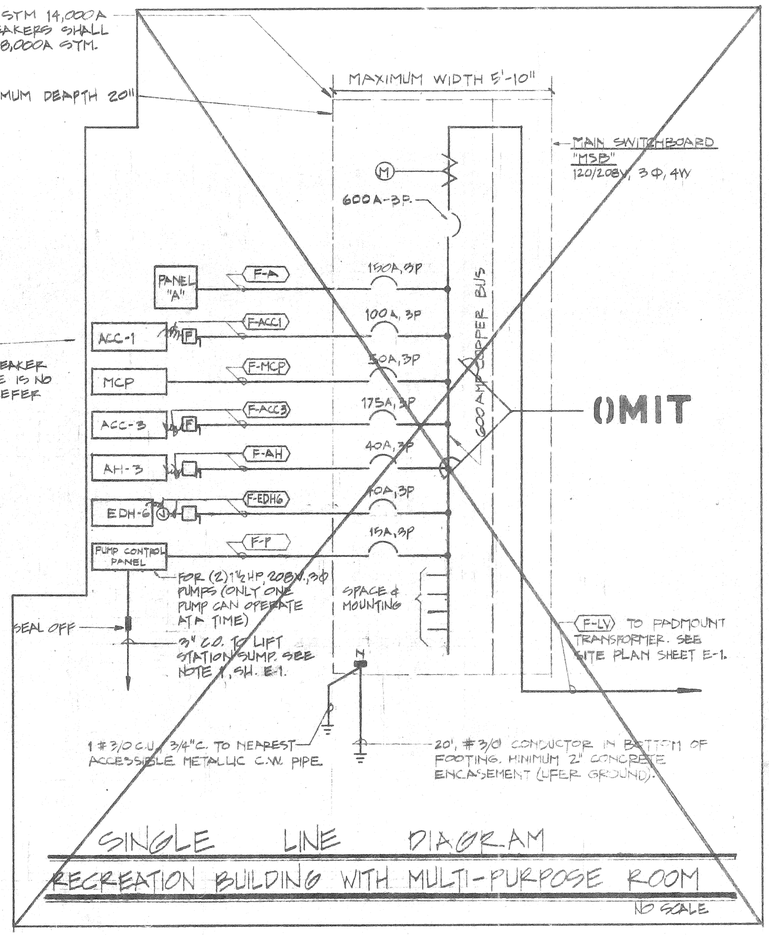
REGISTERED PROFESSIONAL ENGINEER — JOHN R. [illegible] NO. 8263 — ELECTRICAL — STATE OF CALIFORNIA

DATE APRIL 27, 1978
DRAWN RB
CHECKED
REVISED
DWG. NO. E-3
OF 5 SHEETS



SINGLE LINE DIAGRAM
RECREATION BUILDING WITH GYMNASIUM

NO SCALE



SINGLE LINE DIAGRAM
RECREATION BUILDING WITH MULTI-PURPOSE ROOM

NO SCALE

GYMNASIUM

FEEDER SCHEDULE

FEEDER	SERVES	LOAD KVA	LOAD LCL AMPS*	VOLTAGE	CONDUIT AND WIRE
F-LV	MAIN SWBD. "MSB"	*103.0	*471	120/208V, 3Φ, 4W	2-3" P.V.C.O.
F-ACC1	ACC-1	16.8	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 #1/0, 1½" C.
F-AH-2	AH-2	6.0	21		3 #10, ½" C.
F-EDH-5	EDH-5	17.0	59	↓	3 #4, 1" C.
F-A	PANEL "A"	45.9	145	120/208V, 3Φ, 4W	4 #1/0, 2½" C.

F-P	LIFT STA. PUMPS	2.1	6	208V, 3Φ	3 #12, ½" 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.

MULTI-PURPOSE ROOM

FEEDER SCHEDULE

FEEDER	SERVES	LOAD KVA	LOAD LCL AMPS*	VOLTAGE	CONDUIT AND WIRE
F-LV	MAIN SWBD "MSB"	*121.8	*471	120/208V, 3Φ, 4W	1-3" P.V.C.O.
F-ACC-1	ACC-1	16.8	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 #1 1¼"C. — OMIT
F-AH-3	AH-3	6.0	21		3 #10, ½" C.
F-EDH-6	EDH-6	10.0	35	↓	3 #8, ¾" C.
F-A	PANEL "A"	44.7	136	120/208V/3Φ/4W	4 #1/0, 2½ "C.

F-P	LIFT STA. PUMP	2.1	6	208V, 3Φ	3 #12, ½" C.

* 125% LCL AMPS + NCL AMPS

* FOR SITES WITHOUT LIFT STATIONS, SITES HAVING LIFT STATIONS KVA=123.9 & 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 CHAIN HUNG STRIPLIGHT FIXTURE
◎	RECESSED INCANDESCENT OR MERCURY VAPOR LIGHT FIXTURE
⊗	EXIT LIGHT FIXTURE, DARKENED AREA INDICATES FACE (S)
Ⓔ	LIGHTING FIXTURE ON EMERGENCY CIRCUIT
○—	POST LIGHT, SINGLE LUMINAIRE
○—○	POST LIGHT, DOUBLE LUMINAIRES
a,b	OUTLETS WITH DESIGNATION OF CONTROL SWITCHES
$	SINGLE POLE FLUSH TOGGLE SWITCH +42" UNLESS NOTED
$K	KEY OPERATED SWITCH +42" UNLESS NOTED
$MC	MOMENTARY CONTACT SWITCH, +42" UNLESS NOTED
$a,b	GANGED SWITCHES WITH DESIGNATION OF OUTLETS CONTROLLED
J	JUNCTION BOX +12" UNLESS NOTED
F	FAN, CONNECT AS REQUIRED
	MOTOR, CONNECT AS REQUIRED
	COMBINATION FUSED SWITCH & MAGNETIC MOTOR STARTER SIZED PER EQUIPMENT MANUFACTURERS INSTRUCTIONS.
	DISCONNECT SWITCH, NON FUSED, SIZE AND NUMBER OF POLES AS REQUIRED
F	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
4-3/	HOMERUN TO PANEL BOARD WITH PANEL CIRCUIT DESIGNATED
	2 #12, ½"C. — 5 #12, ¾"C.
	3 #12, ½"C. — 6 #12, ¾"C.
	4 #12, ½"C. — 7 #12, ¾"C.
—E—	EMERGENCY SYSTEM CONDUIT
—T—	TELEPHONE SYSTEM CONDUIT
	LIGHTING PANEL, SURFACE MOUNTED
	SWITCHBOARD
	PLYWOOD BACKBOARD
	DUPLEX CONVENIENCE RECEPTACLE, +12" UNLESS NOTED
C	CLOCK HANGER OUTLET
	TELEPHONE OUTLET
DH	ELECTRIC DUCT HEATER, CONNECT AS REQUIRED
B 2/40	LIGHTING FIXTURE CALL OUT (IE "B" DENOTES FIXTURE TYPE; 2/40 DENOTES 2-40 WATT LAMPS).
AH 2	MECHANICAL EQUIPMENT DESIGNATION
1	NOTE REFERENCE
C.O.	CONDUIT ONLY
MH=8'-0" etc.	OUTLET MOUNTING HEIGHT, FINISH FLOOR TO BOTTOM OF FIXTURE
+24" etc.	OUTLET MOUNTING HEIGHT, FINISH FLOOR OR GRADE, TO CENTERLINE OF OUTLET
CKT	CIRCUIT
W.P	WEATHER PROOF
F-A	FEEDER DESIGNATION
EWC	ELECTRIC WATER COOLER
C/O	CONVENIENCE OUTLET
1 ZONE	FIRE ALARM MANUAL REPORTING STATION, +48" WITH FIRE ALARM HORN AT +72", WALL MOUNTED
1 ZONE	FIRE ALARM HORN, WALL MOUNTED, +72"
ZONE	FIXED TEMPERATURE 135° THERMODETECTOR & OUTLET BOX, CEILING MOUNTED
ZONE	FIXED TEMPERATURE 197° THERMODETECTOR & OUTLET BOX, CEILING MOUNTED UNLESS NOTED.
ZONE	RATE OF RISE AND FIXED TEMPERATURE 135° THERMODETECTOR & OUTLET BOX, CEILING MOUNTED.
	FIRE ALARM CONTROL PANEL

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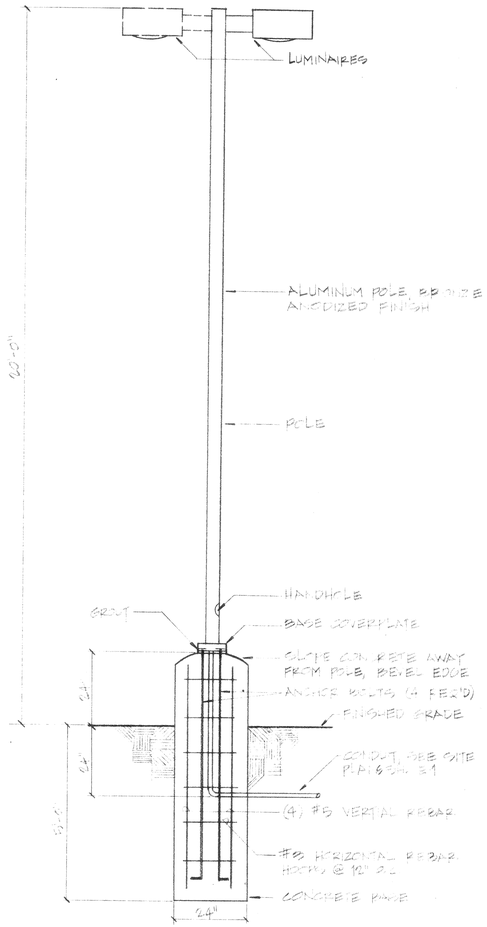
PROPOSED COMMUNITY RECREATION CENTER
FOR THE RIVERSIDE UNIFIED SCHOOL DISTRICT
PARK & RECREATION DEPARTMENT

DATE: APRIL 27, 1970
DRAWN: R.B.
CHECKED:
REVISED:

E-4

SHEET 4 OF 5 SHEETS



A / E-5 MOUNTING DETAIL FIXTURE F / 24

MULTI-PURPOSE ROOM

MOUNTING SURFACE — PANEL "A" — MAIN LUGS ONLY
120/208 VOLTS 3 PHASE 4 WIRE BUS 225

CIR	ØA	ØB	ØC	OTHER	REC	LTG	POLE	BKR	CIR
2	1200			PUBLIC RESTROOMS	17	1	20		1
4		1700		LOBBY	17				3
6			600	RECEPT.	6				5
8	1600			CENTER	8				7
10		500		EF-1					9
12			600	EF-2					11
14	1440			EF-3,4	3	5			13
16		1200		KITCHEN	2				15
18			1000	CLEANING	1				17
20	240			MECH. RM.	3				19
22		840		MECH. EQUIP.	7				21
24			840	PARKING LTS.	4		↓	↓	23
26	1200			PARKING			2	2	25
28		1200							27
30			500	EWC			1	20	29
32	1500			WATER HEATER				20	31
34		4100		RANGE			2	50	33
36			4100	↓					35
38	500			HOOD			1	20	37
40		228		EXTR. FAN			2	20	39
42			880	↓					41
	3920	4028	4100	WATTS/LINE					

CIR	BKR	POLE	LTG	REC	OTHER	ØA	ØB	ØC
2	20	1	10		EF-1,2	1200		
4				8	KITCHEN		1000	
6					SPARE			600
8		1		12	OUTDOOR	1200		
10				12	KITCH.		1200	
12				16	LIGHTS			1600
14				2	KITCHEN	1000		
16				2	KITCHEN		1000	
18				10	KITCHEN			1080
20				6	LIGHTS	1080		
22				1	TELCO		500	
24				6	OFFICE/MGR.			1080
26					KITCH.	600		
28					EPU		1000	
30				1	TELCO			500
32					MECH. EQUIP.	500		
34				5	MULTI-PURP.		900	
36					OFFICE			500
38					SECURITY	500		
40					OFFICE		100	
42					↓			500
				WATTS/LINE		6180	6700	5760

TOTAL WATTS = 44,676 — AMPS/LINE 105 — 125% LCL AMPS = 176

ØA = 14,900 W — ØB = 14,988 W — ØC = 14,728 W

TS#1&2 = 40A, 120V, DPST TIME SWITCH WITH ASTRO DIAL (TORK #7200Z OR EQUAL BY PARAGON OR INTERMATIC). MOUNT TIME SWITCH AND CONTACTOR IN SEPARATE COMPARTMENT OF PANEL UNDER HINGED LOCKABLE DOOR.

L.O. = PROVIDE LOCK "ON" DEVICE

GYMNASIUM

MOUNTING SURFACE — PANEL "A1" — MAIN LUGS ONLY
120/208 VOLTS 3 PHASE 4 WIRE BUS 225

CIR	ØA	ØB	ØC	OTHER	REC	LTG	POLE	BKR	CIR
2	240			GYM		15	3	20	1
4		480		↓				—	3
6			2400	↓				—	5
8	900			SPARE			1	20	7
10		900		EF-1					9
12			900	EF-2					11
14	1440			EF-3,4	3	5			13
16		1200		KITCHEN	2				15
18			1000	↓	1				17
20	240			MECH. EQUIP.	3				19
22		840		MECH. EQUIP.	7				21
24			840	MEETING	4		↓	↓	23
26	1200			PARKING			2	2	25
28		1200						—	27
30			500	EWC			1	20	29
32	1500			WATER HEATER					31
34		4100		RANGE					33
36			4100	↓					35
38	500			HOOD	1		↓	↓	37
40		945		EXTR. FAN			2	20	39
42			945	↓				—	41
	3220	4145	4045	WATTS/LINE					

CIR	BKR	POLE	LTG	REC	OTHER	ØA	ØB	ØC
2	20	1	10		EF-1,2	1440		
4				8	KITCHEN		960	
6					SPARE			600
8		1		12	OUTDOOR	1200		
10				12	KITCH.		1200	
12				16	LIGHTS			1600
14				2	KITCHEN	1000		
16				2	KITCHEN		1000	
18				6	LIGHTS			1080
20				4	EXTR. FAN	180		
22				4	EXTR. FAN		180	
24				6	MULTI-PURP.			1080
26					KITCH. EQUIP.	800		
28					EPU		1000	
30					MECH. CONTROL			840
32					MECH. CONTROL	500		
34					EWC		900	
36				6	GYM			900
38					GEN. LTG	900		
40					SPARE		900	
42					↓			900
				WATTS/LINE		6180	6100	5760

TOTAL WATTS = 45,900 — AMPS/LINE 105 — 125% LCL AMPS = 140

ØA = 14,980 — ØB = 16,145 — ØC = 15,405 — NEUTRAL AMPS

L1 = 30 A, 3P, MECHANICALLY HELD CONTACTOR (SQUARE "D" #MC11, ASCO 920 SERIAL) CONTROLLED FROM INTERIOR 4 CONTACT SWITCH.

TS#1&2 = 40A, 120V, DPST TIME SWITCH WITH ASTRO DIAL (TORK #7200Z OR EQUAL BY PARAGON OR INTERMATIC). MOUNT TIME SWITCH AND CONTACTOR IN SEPARATE COMPARTMENT OF PANEL UNDER HINGED LOCKABLE DOOR.

L.O. = PROVIDE LOCK 'ON' DEVICE

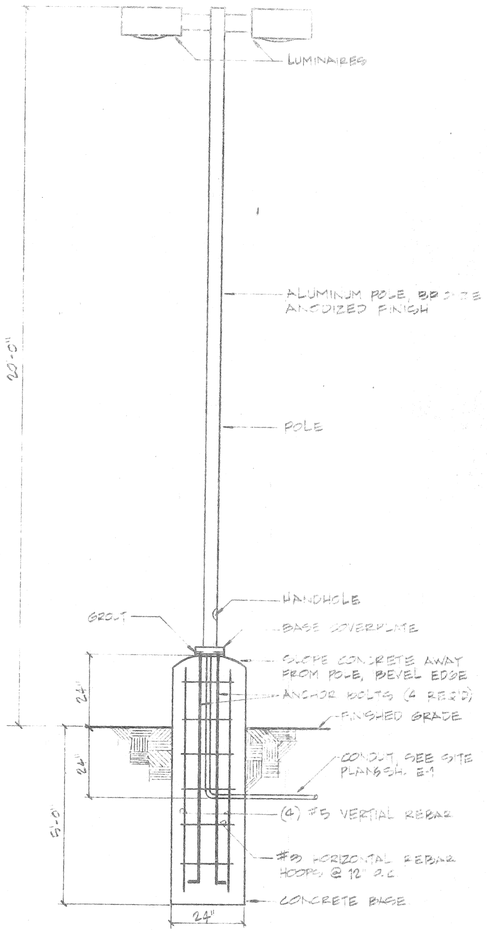
E. WARREN BRUCE
ARCHITECT
6370 MAGNOLIA AVE.
RIVERSIDE, CA. 92506
TELE. (714) 683-5764
A.I.A.

PANEL SCHEDULES

PROTOTYPE COMMUNITY RECREATION CENTER
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PARKS AND RECREATION

DATE APRIL 27, 1978
DRAWN
CHECKED
REVISED APRIL 26, 1978
JOB 7620Z
E-5
OF 5 SHEETS

RANDALL / LAMB / ASSOCIATES
CONSULTING ELECTRICAL ENGINEERS
1696 Sorrento Valley Road San Diego, CA 92121
(714) 453-4903
A Division of Randall and Press Engineering



A / E-5 MOUNTING DETAIL FIXTURE F / 2/40

MULTI-PURPOSE ROOM

MOUNTING SURFACE PANEL

120/208 VOLTS 3 PHASE 4 WIRE

	WATTAGE ØA	ØB	ØC	OTHER
	1700			[illegible]
		1700		[illegible]
			1600	[illegible]
L.O.	1600			[illegible]
L.O.		500		'FA
			500	'FA
	1440			EF-3,4
		1000		KITCHEN
			1000	[illegible]
	840			MECH. [illegible]
		500		[illegible]
			900	[illegible]
TS-1	1200			PARKING
		1200		
			500	BWC
	1500			WATER HEATER
		4100		RANGE
			4100	
	500			HOOD
TS-2		288		EXTR. LTS.
			288	
	8780	9288	8968	
	TOTAL WATTS = 44,676			
	ØA = 14,960 W			

TS#1&2 = 40A, 120V, DPST TIME [illegible] OR EQUAL BY PARAGON [illegible] AND CONTACTOR IN SEPARATE [illegible] HINDGED LOCKABLE DOOR.

L.O. = PROVIDE LOCK 'ON' DEVICE

GYMNASIUM

MOUNTING SURFACE PANEL

120/208 VOLTS 3 PHASE 4 WIRE

	WATTAGE ØA	ØB	ØC	OTHER	REC	LTG	POLE	[illegible]
C1	2400			GYM		15	3	
		2400					—	
			2400				—	
	500			SPARE			1	20
L.O.		500		'FA				
L.O.			500	'FA				
	1260			EF-3,4	2	3		
		1200		KITCHEN	2			
			1000		1			
	840			MECH. ROOM	3	3		
L.O.		500		[illegible]				
			900	MEETING RM.	4			
TS.1	1200			PARKING		5	2	20
		1200					—	
			500	BWC			1	20
	1500			WATER HEATER				
		4100		RANGE				
			4100					
	500			HOOD	1			
TS.2		345		EXTR. LTS.			2	20
			345				—	
	8200	10045	9645					
	TOTAL WATTS = 45930							
	ØA = 14,380			ØB = 16,145				

C1 = 30A, 3P, MECHANICALLY HELD CONTACTOR [illegible] EQUAL) CONTROLLED FROM MOMENTARY CONTACT [illegible]

TS1&2 = 40A, 120V, DPST TIME SWITCH WITH [illegible] EQUAL BY PARAGON OR INTERMATIC). [illegible] CONTACTOR IN SEPARATE COMPARTMENT [illegible] LOCKABLE DOOR.

L.O. = PROVIDE LOCK 'ON' DEVICE