



REMODELING AND ADDITIONS TO THE

ADJUNTAS HEALTH CENTER

AT LOTTI STREET
ADJUNTAS, PUERTO RICO

SCHEDULE OF DRAWINGS

SHT. NO.	DWG. NO.	SHEET TITLE	SHT. NO.	DWG. NO.	SHEET TITLE
ARCHITECTURAL	A-1	LOCATION PLAN	24	K-1	KITCHEN EQUIPMENT LAYOUT
	A-2	SITE PLAN		K-2	KITCHEN EQUIPMENT SCHEDULE
	A-3	LANDSCAPE PLAN	26	G-1	OXYGEN & VACUUM SYSTEMS LAYOUT
	A-4	GENERAL FLOOR PLAN	27	ACV-1	AIR CONDITIONING & VENTILATION LAYOUT
	A-5	LOWER FLOOR PLAN	28	ACV-2	MECHANICAL ROOF PLAN
	A-6	ELEVATIONS	29	ACV-3	PERFORMANCE DATA
	A-7	SECTIONS	30	ACV-4	CONTROLS & DETAILS
	A-8	ADMINISTRATIVE AREA FLOOR PLAN	31	P-1	PLUMBING FIXTURE & EQUIPMENT SCHEDULE
	A-9	OUTPATIENTS & EMERGENCY AREA FLOOR PLAN	32	P-2	UTILITY SITE PLAN & DETAILS
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	A-11	KITCHEN, LAUNDRY AREA FLOOR PLAN	34	P-4	PARTIAL PLUMBING FLOOR PLAN (OUTPATIENTS AREA)
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	S-7	TYPICAL DETAILS & GENERAL NOTES	46	E-5	PANEL SCHEDULES, LOWER FLOOR PLAN
			47	E-6	X-RAY ROOM CONDUIT LAYOUT DETAILS
			48	E-7	ELECTRICAL SIGNALING DIAGRAMS
			49	E-8	ELECTRICAL LEGEND & NOTES
			50	E-9	REFLECTED CEILING PLAN

COMMONWEALTH OF PUERTO RICO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF DESIGN

SUBMITTED: *[Signature]* 1/14/92
MANUEL AGUIRRE MARTINEZ - ARCHITECT
RECOMMENDED: *[Signature]* 1/24/92
JOSE H. BENABE - DIRECTOR, DIV. OF HEALTH FACILITIES
APPROVED: *[Signature]* 1/24/92
ERNESTO COLON - VICE-MINISTER, DIV. OF HEALTH



LENZA & LENZA
ARCHITECTS
RODRIGO DE TRIANA NO. 113, HATO REY, P.R. 00989

SUBMITTED: *[Signature]* 27 JAN 92
DIRECTOR BUREAU OF DESIGN
RECOMMENDED: *[Signature]* 27 FEB 92
VICE-MINISTER, DIV. OF HEALTH
APPROVED: *[Signature]* 27 FEB 92
SECRETARY OF PUBLIC WORKS

ADJUNTAS

AREA= 3,930.36 ^{SQ.MT.}  1.000 CDA.						
A-B	N 8° 53'E	49.62	A	239.252	235.478	STEEL NAIL
			B	246.915	284.514	

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

JOSE MENDOZA

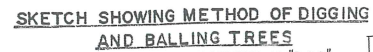
PARKING LOT PAVEMENT
NOT TO SCALE

L E G E N D
 --- PROPERTY LINE
 ---105--- CONTOURS LINE (SHOWN IN FEET) EXISTING.
 --- EXISTING BUILDING LINE TO REMAIN & TO BE DEMOLISHED
 --- REMODELING & ADDITIONS NEW BUILDING
 ---X--- EXISTING FENCE
 --- CREEK
 (C) MANHOLE
 (P) STEEL NAIL OR STEEL ROD
 --- NEW CONSTRUCTION OR EXISTING TO BE REMODELED
 [(C)] EXISTING BUILDING TO BE DEMOLISHED
 ---X---X--- NEW CHAIN LINK FENCE (6'-0" HIGH)
 B.M. BENCH MARK ON MANHOLE STEEL FRAME
 ASSUMED ELEVATION 100.00 FEET
 SEE SITE PLAN FOR DETAIL NO. 1
 --- MATERIAL --- 100--- NEW CONTOUR LINES (SHOWN IN FEET)

S I T E P L A N SCALE: 1:20

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO.	DATE BY	DESCRIPTION
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		R E V I S I O N S		
DESIGNED BY: CLINZ & CLINZ ARCHITECTS		DATE	DRAWING NUMBER	
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.		DRAWN BY:	A - 2	
		TRACED BY	2 - 50	
		CHECKED BY	TOTAL OF SHEETS	
			PROJECT NO.	

- 1- THE CONTRACTOR SHALL SUPPLY THE TREES OF THE SPECIES AND IN THE AMOUNT CALLED FOR IN THE PROPOSAL SCHEDULED AND SHALL PLANT THEM AT LOCATION INDICATED ON THE PLANS. THE NUMBER AND SIZE OF EACH SPECIES SHOULD BE INDICATED IN THE SCHEDULE.
- 2- TREES LISTED SHALL BE DELIVERED AS SPECIFIED.
- 3- THE TREES SHALL BE STAKED AND GUYED ACCORDING TO STANDARD SPECIFICATION (SEE DETAIL "B")
- 4- ALL PLANTS TO BE PROPERLY TAMPED, WATERED AND PRUNED (SEE SPECIFICATION FOR DETAILS COVERING PLANT MATERIALS.)
- 5- GUY SHALL REMAIN IN PLACE UNTIL TREE HAS BECOME ESTABLISHED IN NEW LOCATION (MINIMUM ONE GROWING SEASON.)



TO BE USED WHEN CLASSIFIED AS "B & B"
DETAIL "A"



ALL TREES TO BE STAKED & GUYED

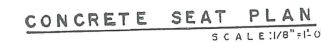
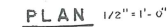
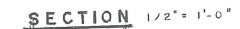
DETAIL "B"



B. & B = BALLED & BURLAPED
C. G. = CONTAINER GROWN
R. C. = ROOTED CUTTING
B. C. = BARED CUTTING

QUANTITIES	KEY
2	(CASJ.)

ANY EQUIPMENT OR MATERIAL WHICH IS EQUAL TO OR AN APPROVED
EQUAL, TO ANY EQUIPMENT OR MATERIAL IDENTIFIED BY TRADE NAME
AND OR MANUFACTURER'S MODEL NUMBER WILL BE ACCEPTABLE AS
APPROVED BY THE ARCHITECT.



KEY	BOTANICAL NAME
1	<i>Adiantum</i>
2	<i>Asplenium</i>
3	<i>Polypodium</i>
4	<i>Marattia</i>
5	<i>Thelypteris</i>
6	<i>Woodsia</i>
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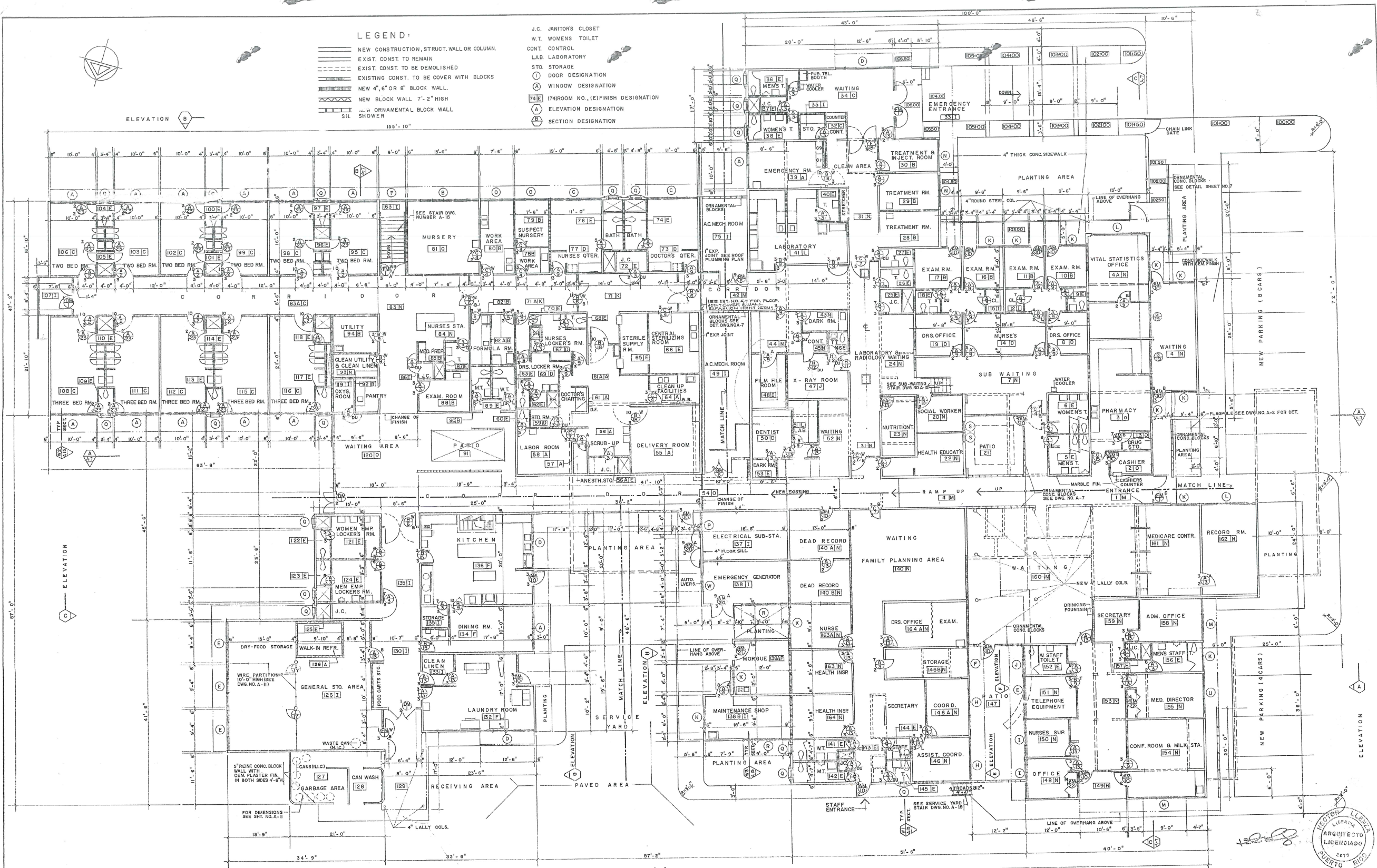
ALT. B ALTENANTHERA BENZICKIANA
ALLA. B ALLAMANDA HENDERSONII
BOU. V BOUGAINVILLEA PINK-WHITE
CAS. B *CASSIA BIFLORA*
CAS. N *CASSIA NODOSA*
CAS. J *CASSIA JAVANICA*
COC. N COCOS NUCIFERA
CHR. L CHRYSALEIDOCARPUS LUTESCENS
COD. V CL. DORYLANDIA VARIEGATUM HYBRID
CAR. P CARYOTA PLUMOSUS
EUP. E EUPHORBIA EMPRESS PINK
IXO. CL IXORA COCCINEA LUTEA
IXO. C IXORA COCCINEA
IXO. R IXORA ROSEUM
LAG. S LAGESTROEMIA SPECIOSA
PLU. R PLUMERIA ROSA
PLU. RA PLUMERIA RUBRA ACUTIFOLIA
PTY. M PTYCHOSPHERIA MACARTHURI
PLU. C PLUMBAGO CAPENSIS
PLU. RO PLUMBAGO ROSEA
ROS. H ROSA HYBRIDA
RHO. DG RHODEO DISCOLOR-SOLID GREEN
RHO. DV RHODEO DISCOLOR-VIOLETA
SET. P SETCREGAEAE PURPUREA
SPA. S SPARAGAU SPRENTERIS
YUC. E YUCA ELEPHANTINIS
TER. C TERMINALIA CATAPPA
WED. T WEDELIA TRILOBATA
Zoy. E ZOYSIA ESMEERALD
LAN. C LANTANA CAMARA

<u>COMMON NAME</u>	<u>QUANTITY</u>	<u>SIZE</u>	<u>DELIVERY</u>
JAMON CON HUEVO	48	4'-6"	C. G.
CANARIO	41	18'-24"	C. G.
TRINITARIA - ROSA, BLANCA,ROJA	88	18'-24"	C. G.
CASSIA AMARILLA	1	8'-10'	B. AND B - C G
CASSIA BLANCA	8	8'-10'	B. AND B - C G
CASSIA ROSA	2	8'-10'	B. AND B - C G
PALMA DE COCOS	5	10'-12'	B AND B - C G
PALMA ARECA	4	2'-4'	B AND B - C G
CROTON VARIOS COLORES	32'	18-24"	C. G.
PALMA COLA DE PESCAO	2		
CORONA DE CRISTO ROSA Y ROJA	42	4'-6'	C. G.
CRUZ DE MALTA AMARILLA	32	12'-18"	C. G.
CRUZ DE MALTA-VARIOS COLORES	104	12'-18"	C. G.
CRUZ DE MALTA ROSA	26	12'-18"	C. G.
REINA DE LAS FLORES	17	10'-12'	B AND B - C.G.
TABAIBA ROSA	4	6'-8'	B AND B - C.G.
FRANGIPANI	5	6'-8'	B AND B - C.G.
PALMA MCARTHUR	17	18"-24"	C. G.
ISABEL SEGUNDA AZUL	38	6"-8"	C. G.
ISABEL SEGUNDA ROSA	250	6"-8"	C. G.
ROSA	3	12"-18"	C. G.
SANGUINARIA VERDE	80	6"-8"	C. G.
SANGUINARIA LILA,AMARILLA	58	6"-8"	C. G.
COITRE LILA	140	SPRIGS	B A G S
CABELLERA DE LA REINA	12	2'-4"	C. G.
Bayoneta ESPANOLA	23	2'-4"	C. G.
ALMENDRA	2	8'-10"	B AND B - C.G.
MARGARITA DE PLAYA	56	12'-18"	C. G.
GRAMA ZOYSIA	29,000 SQ.FT.	SPRIGS	B A G S
CARIQUILLO	328	6"-12"	C. G.

RIUDR STONE 8" - 12"



COMMONWEALTH OF PUERTO RICO		NO	DATE	BY	DESCRIPTION
DEPARTMENT OF PUBLIC WORKS		REV I S I O N S			
BUILDING DESIGN DIVISION		ADJUNTAS		PUERTO RICO	
EXPANSION & REMODELING OF					
ADJUNTAS HEALTH CENTER					
DESIGNED BY: LLENZA & LLENZA ARCHITECTS		DATE		DRAWING NUMBER A - 3	
SUBMITTED BY:		DRAWN BY:			
CHIEF OF ARCHITECTURAL SECT.		DATE		3 - 50	
		TRACED BY:		TOTAL OF SHTS.	
		CHECKED BY:		PROJECT NO.	

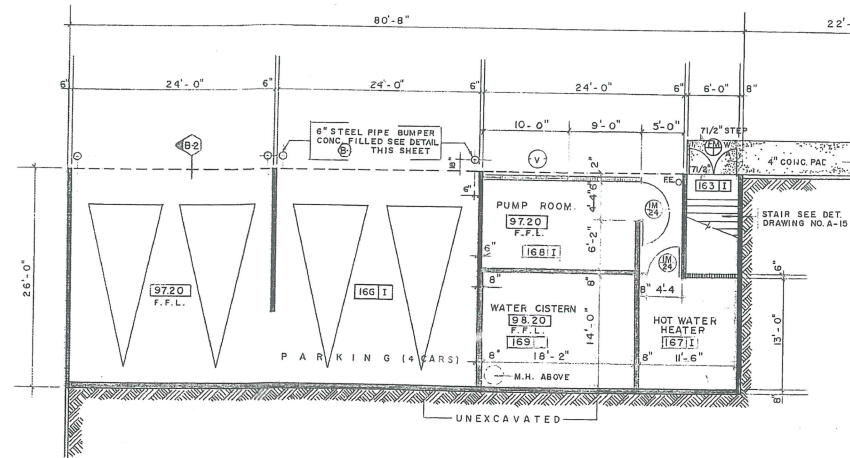


- LEGEND:**
- NEW CONSTRUCTION, STRUCT. WALL OR COLUMN.
 - EXIST. CONST. TO REMAIN
 - EXIST. CONST. TO BE DEMOLISHED
 - EXISTING CONST. TO BE COVER WITH BLOCKS
 - NEW 4", 6" OR 8" BLOCK WALL
 - NEW BLOCK WALL 7" - 2" HIGH
 - ORNAMENTAL BLOCK WALL
 - SIL. SHOWER
 - J.C. JANITORS CLOSET
 - W.T. WOMENS TOILET
 - CONT. CONTROL
 - LAB. LABORATORY
 - STO. STORAGE
 - DOOR DESIGNATION
 - WINDOW DESIGNATION
 - (74) (74) ROOM NO., (E) FINISH DESIGNATION
 - (A) ELEVATION DESIGNATION
 - (B) SECTION DESIGNATION

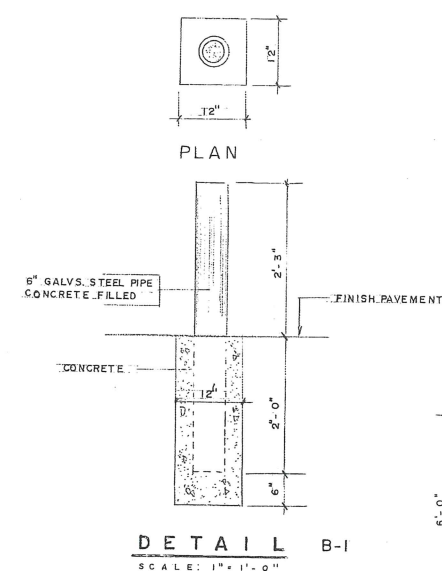
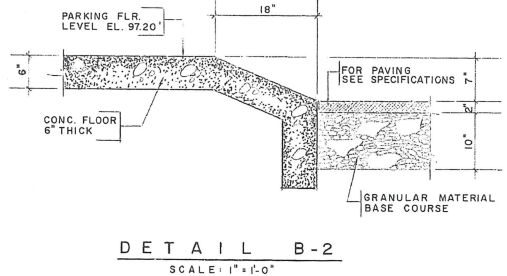
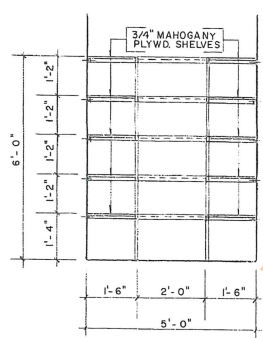
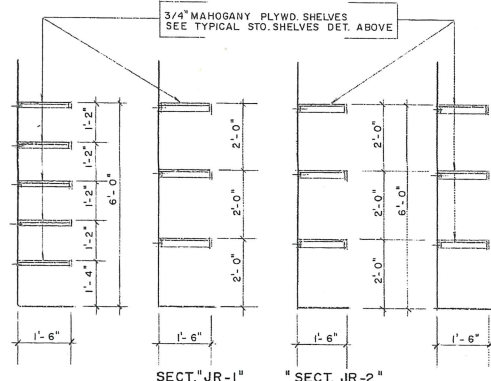
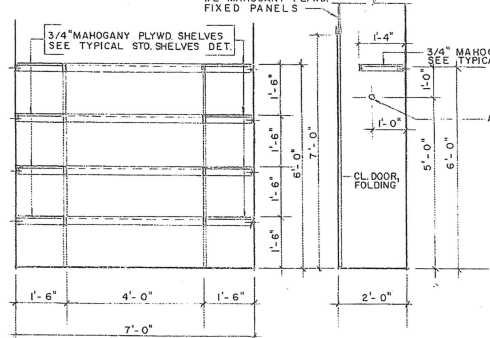
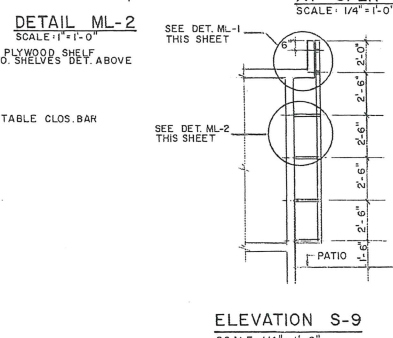
GENERAL FLOOR PLAN SCALE: 1/8" = 1'-0"

- NOTE**
- ALL PATIOS SHALL HAVE TOP-SOIL FINISH FOR PLANTING.
 - DIMENSIONS OF EXISTING CONST. SHALL BE VERIFIED BY CONTRACTOR AT PROJECT SITE.

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO. DATE BY DESCRIPTION	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		REVISIONS	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS		ADJUNTAS PUERTO RICO	
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.		DATE	
DRAWN BY:		DRAWING NUMBER A - 4	
CHECKED BY:		TOTAL OF SHTS. 4 - 50	
		PROJECT NO.	



LOWER FLOOR PLAN LAYOUT (BELOW TWO BEDROOM AREA)
SCALE: 1/8" = 1'-0"



CLOSET: RMS. 12 & 15
SECTION "CL-1"
(SEE SHT. DWG. NO. A-9)

SECTION "SR-1"
STO. ROOM 35 & JAN. ROOMS 56 & 72
(SEE SHT. DWG. NO. A-9)
CLEAN LINEN RM.
NO. 93 (SEE SHT. DWG. NO. A-10)

LAUNDRY RM. 132
SECTION "LR-1"
(SEE SHT. DWG. NO. A-11)

CLEAN LINEN RM. 133
SECTION "L-1"
(SEE SHT. DWG. NO. A-11)

CLOSET: RMS. 148 & 155
SECTION "CR-1"
(SEE SHT. DWG. NO. A-9)

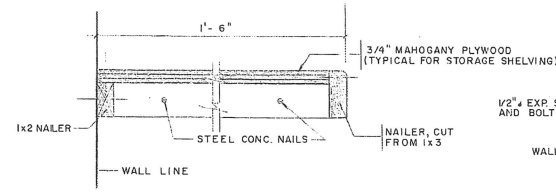
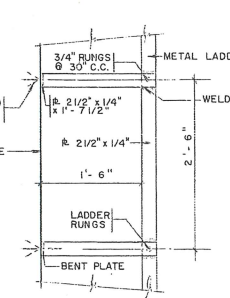
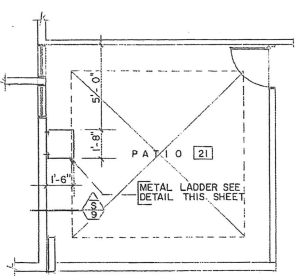
STORAGE SHELVING DETAILS SCALE: 1/2" = 1'-0"

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

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

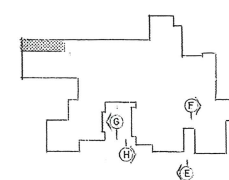
ELEVATION G
SCALE: 1/8" = 1'-0"

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



ELEVATION S-9
SCALE: 1/4" = 1'-0"

DETAIL ML-1
SCALE: 1" = 1'-0"



COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO.	DATE	BY	DESCRIPTION
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER PUERTO RICO					REVISIONS
DESIGNED BY	LEENZA & LEENZA ARCHITECTS	DATE			DRAWING NUMBER A - 5
SUBMITTED BY	CHEF OF ARCHITECTURAL SECT.	DATE			5 - 50 TOTAL OF SHES
		TRACED BY			PROJECT NO.
		CHECKED BY			

CONE TAPERED ALUMINUM W/ULTRAVIOL FINISH ACME FLAGPOLE CO. DIVISION OF JOHN E. LINGO & SON, INC. CAMDEN, N.J. FLAGPOLE TO BE GROUND SET. STANDARD TYPE 30 FT. EXPOSED HEIGHT ABOVE GROUND BY 35 FT. TOTAL LENGTH. OUTSIDE BUTT DIAMETER SHALL BE 6". TAPERED PORTION 13' - 9" AND OUTSIDE TO DIAMETER 3 1/2". THE THICKNESS THROUGHOUT SHALL BE NOT LESS THAN .1875 IN. BALL SHALL BE 5" DIAMETER OF 14 GALV. ALUMINUM TRUCK SHALL BE LINGO STANDARD BALL BEARING NON-FOLDING TRUCK WITH ALUMINUM BODY. HALYARDS SHALL BE TWO 5/16 IN. DIAMETER # 10

STAINLESS STEEL FACADE LETTER MODEL FASCIA NO. 800 12" HIGH BY U.S. BRONZE SIGN CO., INC. OR EQUAL

FIN. ROOF LINE

FIN. FLOOR LEVEL 105.07

EXISTING FIN. CR. LEVEL 103.13

ORNAMENTAL BLOCK WALL SEE DETAIL SHEET NO. A-7

ROUGH CEMENT PLASTER

ROUGH CEMENT PLASTER

ROUGH CEMENT PLASTER

ROUGH CEMENT PLASTER

ORNAMENTAL BLOCK WALL SEE DETAIL SHEET NO. A-7

ROUGH CEMENT PLASTER

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

WALL FINISH SHALL BE WOOD GRAIN, ROUGH SAWN CEDAR, BOARDS BUT JOINTS TEXTURE NUMBER 2 AS MANUFACTURED BY GENERAL FABRICATORS, VAN NUYS, CALIFORNIA. REPRESENTED BY BURKE CARPIS, SABANA LLANA, P.R.

FIN. EXIST. FLOOR LEVEL 103.13

APPROX. NATURAL GRADE

ROUGH CEMENT PLASTER

ORNAMENTAL BLOCK WALL SEE DETAIL SHEET NO. A-15

PRE-CAST CONC. UNIT SEE DETAIL SHEET NO. A-15

PRECAST CONC. UNIT SEE DETAIL SHEET NO. A-15

FIN. ROOF LINE

FIN. FLR. LEVEL

PARKING 2 CARS

PARKING 2 CARS

ROUGH CEMENT PLASTER

CEM. PLASTER

ROUGH CEMENT PLASTER

WALL FIN. SHALL BE WOOD GRAIN, ROUGH SAWN CEDAR, 4" BOARDS, BUTT JOINT. TEXTURE NO. OF SIA AS MANUFACTURED BY GENERAL FABRICATORS VAN NUYS, CALIFORNIA. REPRESENTED BY BURKE, CARING, SASANA LLANO, P.C.

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

ELEVATION C

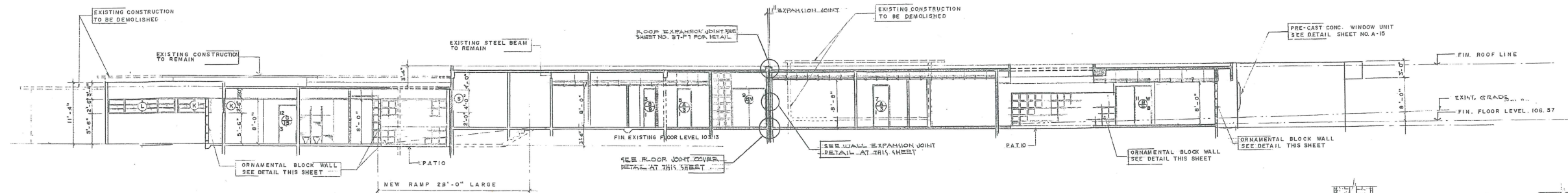
ELEVATION D

KEY PLAN SC: 1:1000

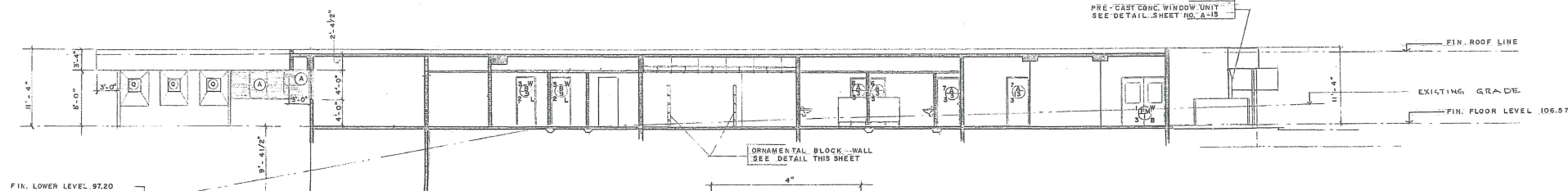
PROJECT		COLOR		SCHEME	
FEDERAL STANDARD NO. 595 g					
E		X		T E R I O R	
C O D E		C O L O R N O.			
(1)		3 5 1 7 7			
(2)		3 5 5 2 6			
(3)		E X P O S E D C E M. L I G H T (NO PAINT)			
(4)		W H I T E C E M E N T (NO PAINT)			
I		N T E R I O R		R	
A R E A		C O L O R N O.			
W A L L S		3 4 6 7 2			
C E I L I N G S		3 7 7 7 8			
W O O D W O R K		1 4 6 7 2			
M E T A L W O R K (EXCEPT ALUM., STAINLESS STEEL,		1 7 0 3 8			

NOTE: SEE ELEVATIONS THIS SHT. FOR EXTERIOR CODE.

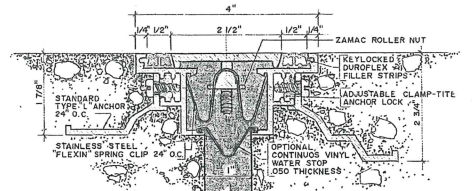
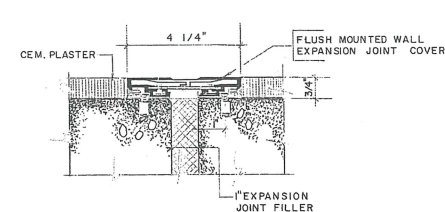
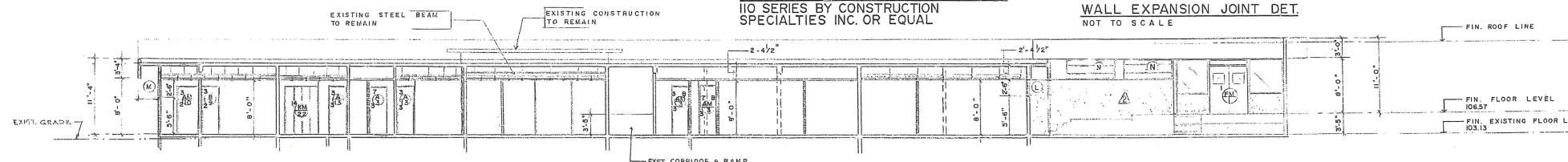
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO.	DATE	BY	DESCRIPTION
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		R E V I S I O N S			
ADJUNTAS PUERTO RICO					
DESIGNED BY: LLENZA SLENZA ARCHITECTS	DATE	DRAWING NUMBER		A - 6	
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.	DATE	DRAWN BY			
		TRACED BY			
		CHECKED BY			
				6 - 50 TOTAL OF SHEETS PROJECT NO.	



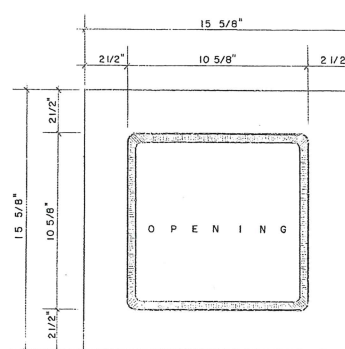
SECTION A-A SCALE: 1/8" = 1'-0"



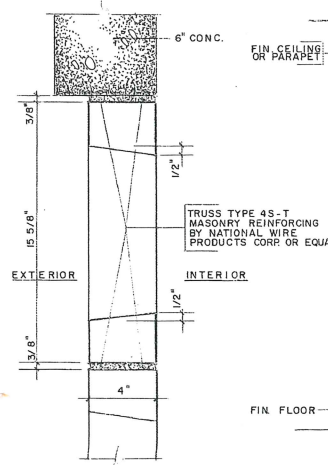
SECTION B-B SCALE: 1/8" = 1'-0"



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



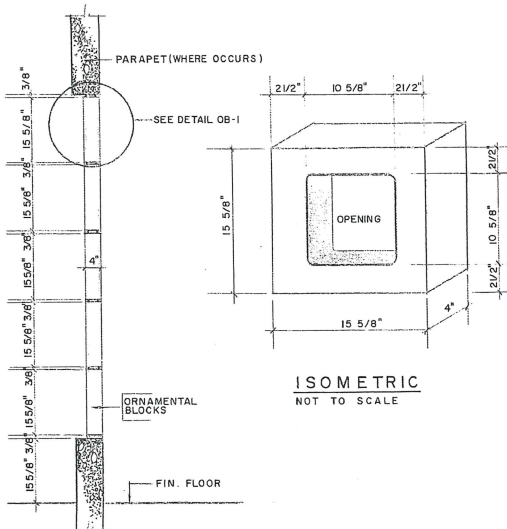
ORNAMENTAL BLOCK
SCALE: 3" = 1'-0"



DETAIL OB-1
SCALE: 3" = 1'-0"

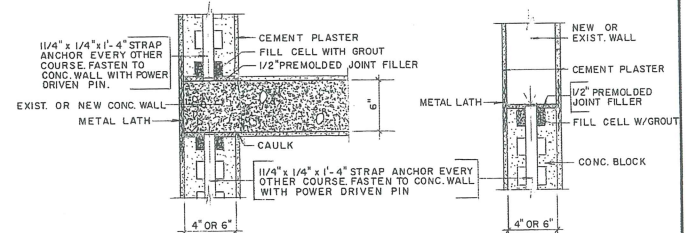


ELEVATION SCALE: 3/4" = 1'-0"



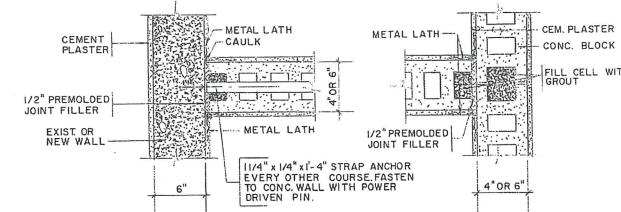
SECTION OB-2
SCALE: 3/4" = 1'-0"

ISOMETRIC
NOT TO SCALE



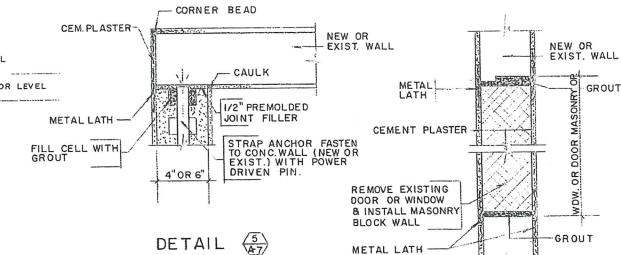
DETAIL 1

DETAIL 2



DETAIL 3

DETAIL 4

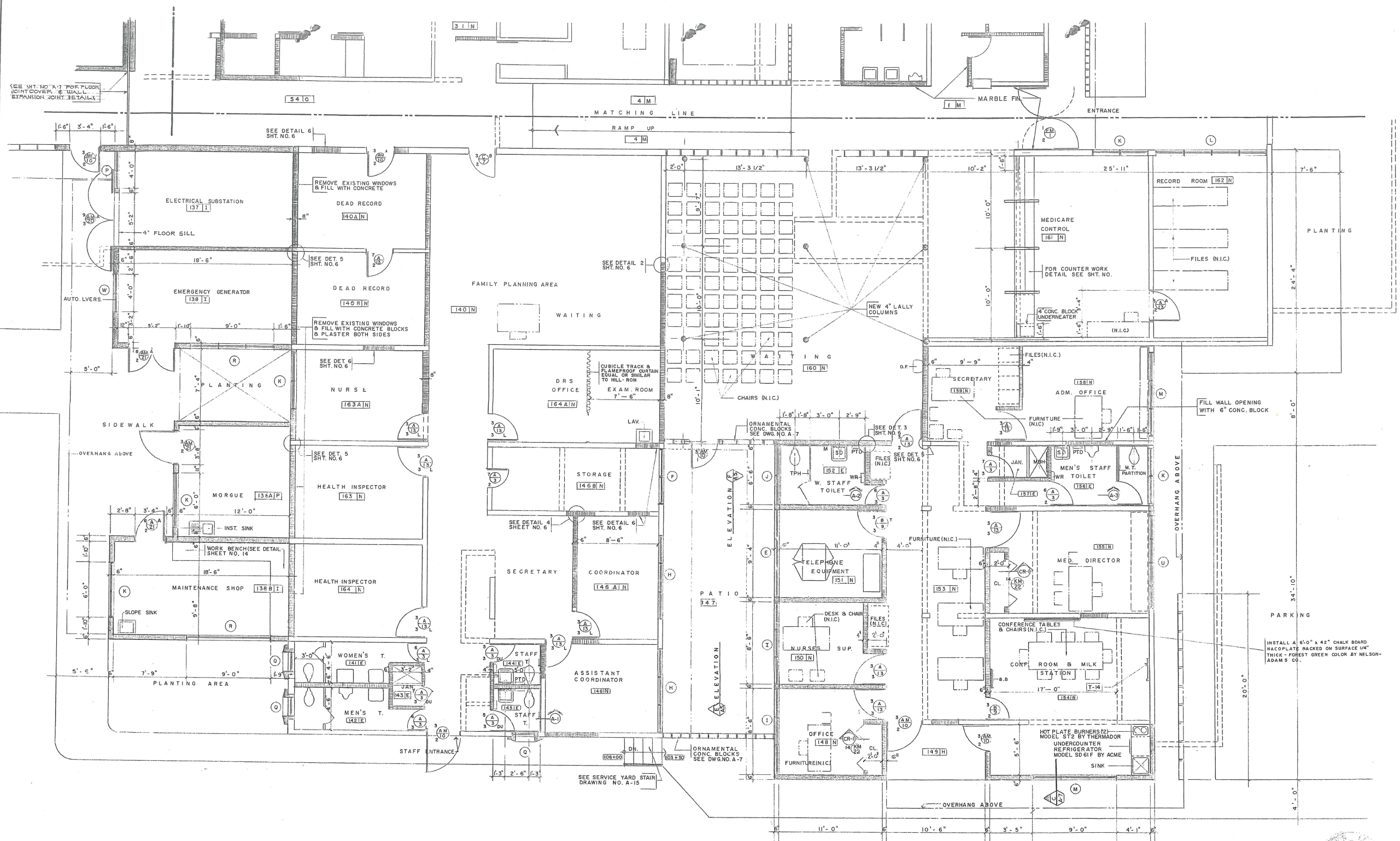


DETAIL 5

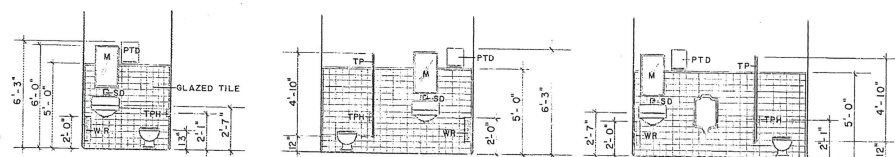
DETAIL 6

EXISTING, NEW CONCRETE & MASONRY
BLOCK WALLS DETAILS SCALE: 1 1/2" = 1'-0"

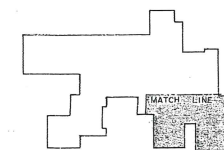
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				NO. DATE BY DESCRIPTION	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER				REVISIONS	
DESIGNED BY: LENZA & LENZA ARCHITECTS				DRAWING NUMBER A-7	
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.				DATE	
CHECKED BY:				DATE	
PROJECT NO.				TOTAL OF SHTS. 7 - 50	



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



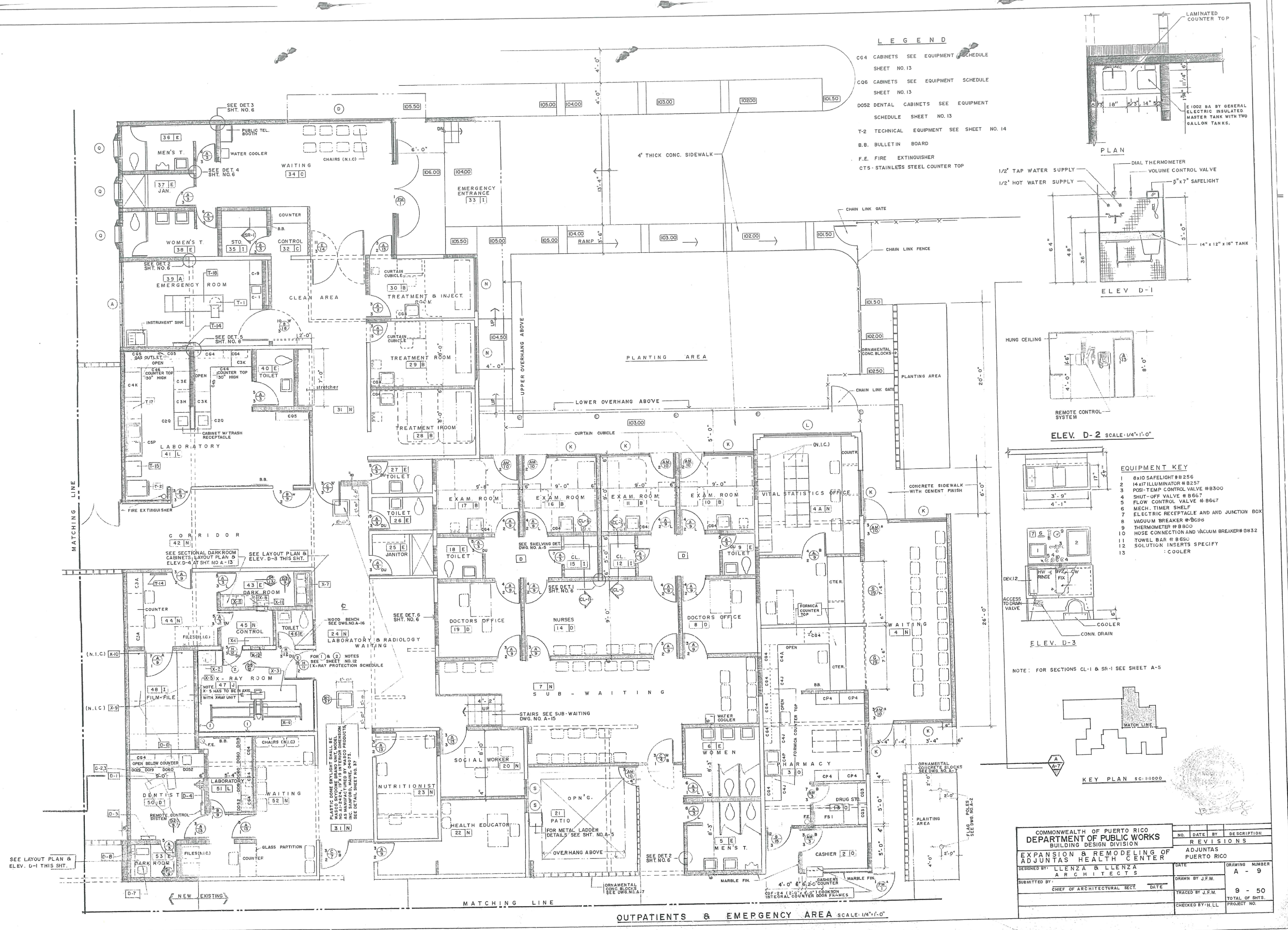
ELEV. A-1 (AT ROOMS 144 & 145)
ELEV. A-2 (AT ROOM 152)
ELEV. A-3 (AT ROOM 156)
NOTE: FOR ABBREVIATIONS SEE SHEET
TOILET ELEVATIONS SCALE: 1/4" = 1'-0"



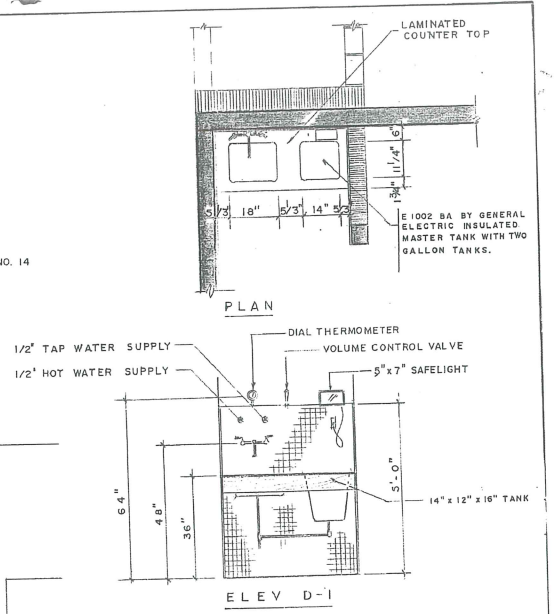
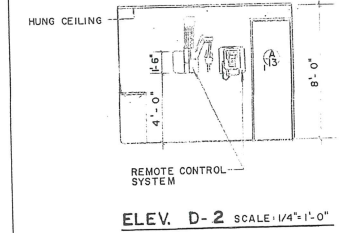
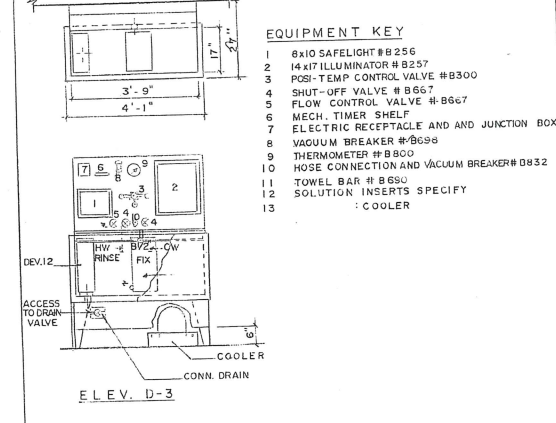
KEY PLAN SC: 1/1000

NOTE: FOR SECTION CR-1 SEE SHEET A-5

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION			NO. DATE BY DESCRIPTION R E V I S I O N S	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER			ADJUNTAS PUERTO RICO	
DESIGNED BY: LENZA & LENZA ARCHITECTS			DATE	DRAWING NUMBER A - 8
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.			DRAWN BY:	8 - 50 TOTAL OF SHES. PROJECT NO.
DATE			TRACED BY:	
CHECKED BY:				

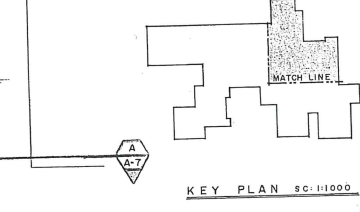


- LEGEND**
- C64 CABINETS SEE EQUIPMENT SCHEDULE SHEET NO. 13
 - C66 CABINETS SEE EQUIPMENT SCHEDULE SHEET NO. 13
 - D052 DENTAL CABINETS SEE EQUIPMENT SCHEDULE SHEET NO. 13
 - T-2 TECHNICAL EQUIPMENT SEE SHEET NO. 14
 - B.B. BULLETIN BOARD
 - F.E. FIRE EXTINGUISHER
 - CT-5 STAINLESS STEEL COUNTER TOP



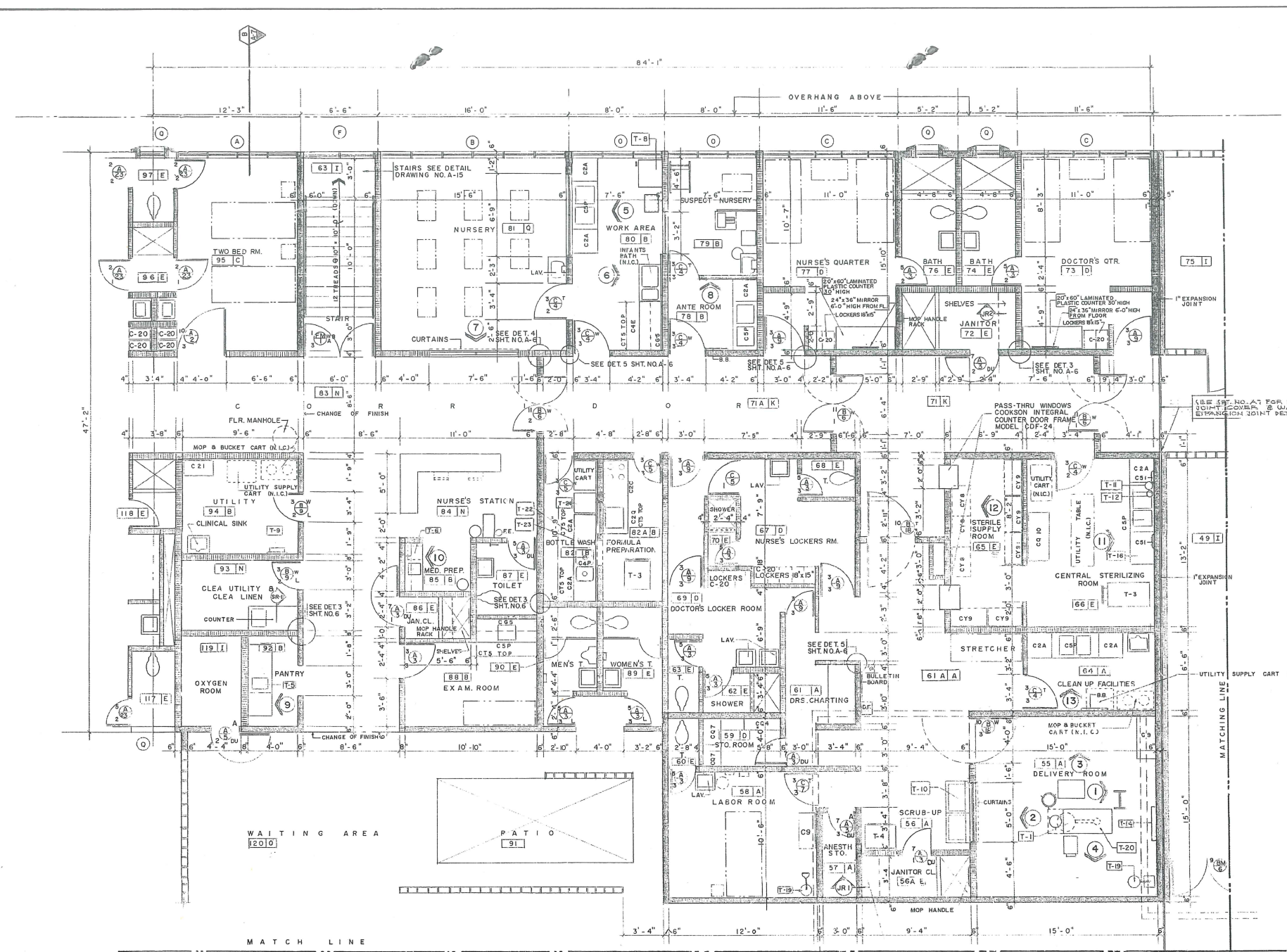
- EQUIPMENT KEY**
- 1 8x10 SAFELIGHT #B256
 - 2 14x17 ILLUMINATOR #B257
 - 3 POS-TEMP CONTROL VALVE #B300
 - 4 SHUT-OFF VALVE #B667
 - 5 FLOW CONTROL VALVE #B667
 - 6 MECH. TIMER SHELF
 - 7 ELECTRIC RECEPTACLE AND JUNCTION BOX
 - 8 VACUUM BREAKER #B668
 - 9 THERMOMETER #B800
 - 10 HOSE CONNECTION AND VACUUM BREAKER #B632
 - 11 TOWEL BAR #B669
 - 12 SOLUTION INSERTS SPECIFY
 - 13 COOLER

NOTE: FOR SECTIONS CL-1 & SR-1 SEE SHEET A-5

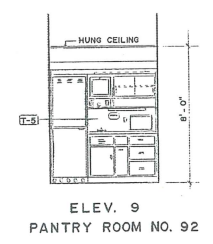
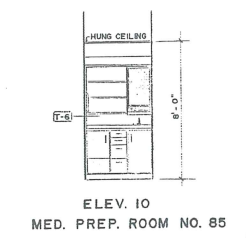
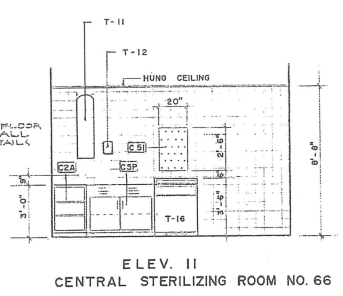
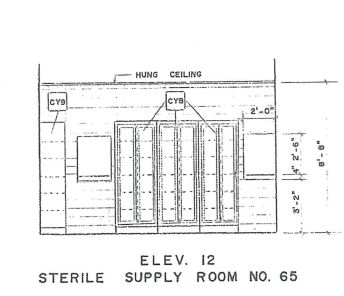
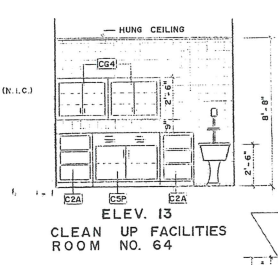
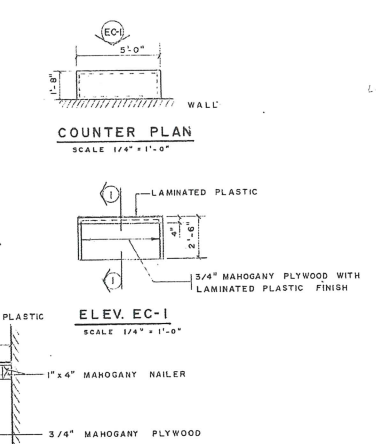


COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER				DATE	DESCRIPTION
DESIGNED BY: LLENZA & LLENZA ARCHITECTS				DATE	DESCRIPTION
SUBMITTED BY: CHIEF OF ARCHITECTURAL SEC.				DATE	DESCRIPTION
DRAWN BY: J.F.M.				DATE	DESCRIPTION
TRACED BY: J.F.M.				DATE	DESCRIPTION
CHECKED BY: H.L.L.				DATE	DESCRIPTION
DRAWING NUMBER A - 9				TOTAL OF SHTS. 9 - 50	
				PROJECT NO.	

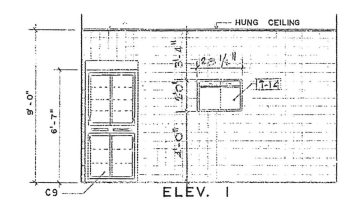
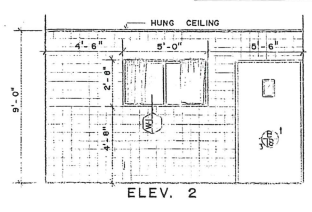
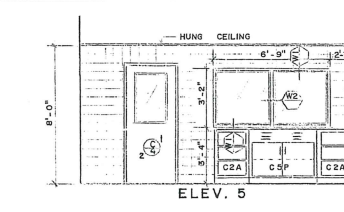
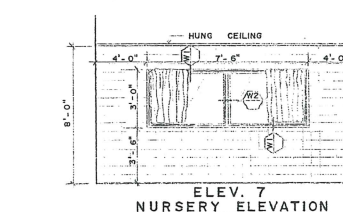
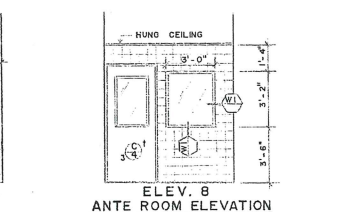
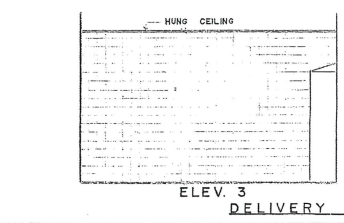
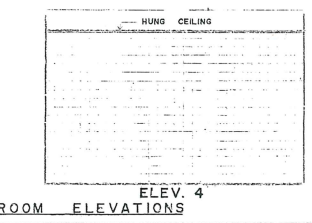
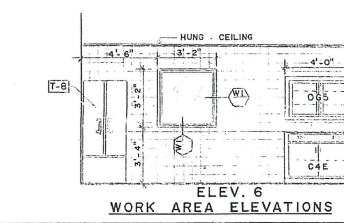
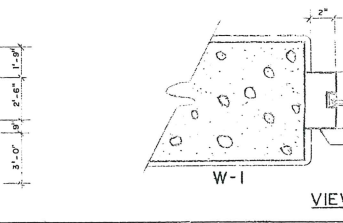
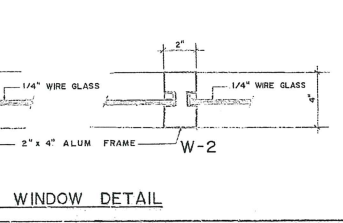
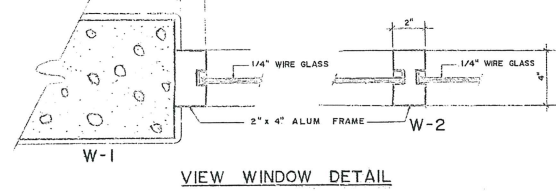
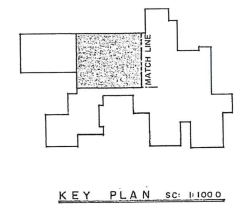
OUTPATIENTS & EMERGENCY AREA SCALE: 1/4"=1'-0"



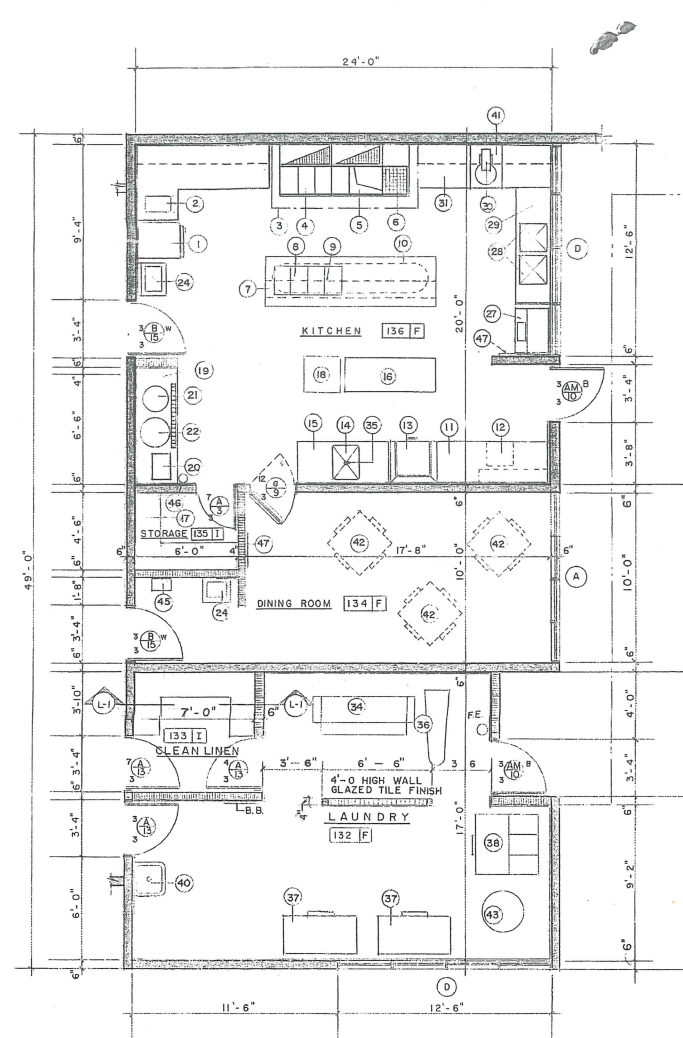
DELIVERY & OPERATING SUITE AREA SCALE 1/4" = 1'-0"



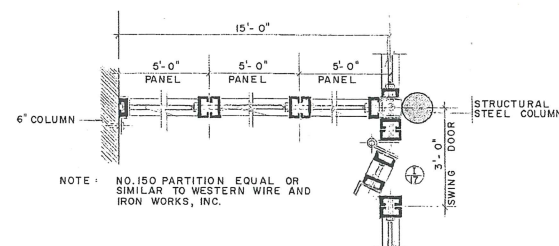
SECTION 1-1
SCALE 3/4" = 1'-0"
COUNTER DET. AT ROOMS NO. 73 & 77



COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				NO. DATE BY DESCRIPTION REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER				ADJUNTAS PUERTO RICO	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS				DATE: _____	
SUBMITTED BY: _____				DRAWN BY: J.F.M.	
CHIEF OF ARCHITECTURAL SECT.				DATE: _____	
				TRACED BY: _____	
				CHECKED BY: _____	
				DRAWING NUMBER A - 10	
				10 - 50 TOTAL OF SHTS.	
				PROJECT NO.	



KITCHEN, DINING ROOM & LAUNDRY ROOM
PLAN LAYOUT SCALE: 1/4" = 1'-0"



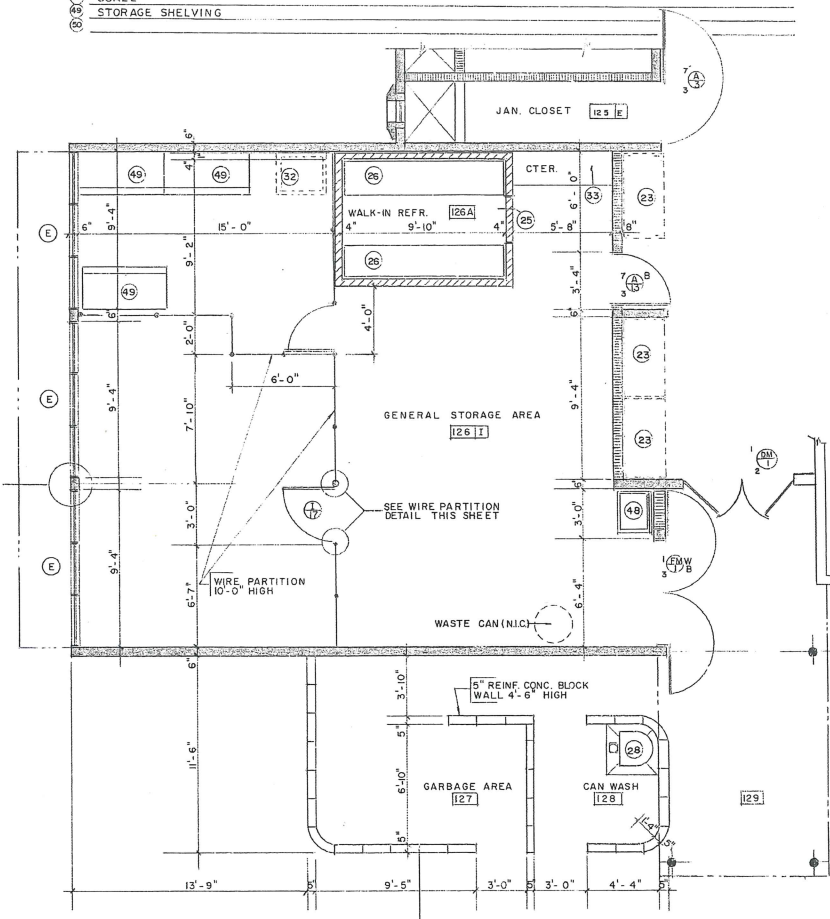
WIRE PARTITION DETAIL
NOT TO SCALE

NO. 150 DETAIL SPECIFICATIONS

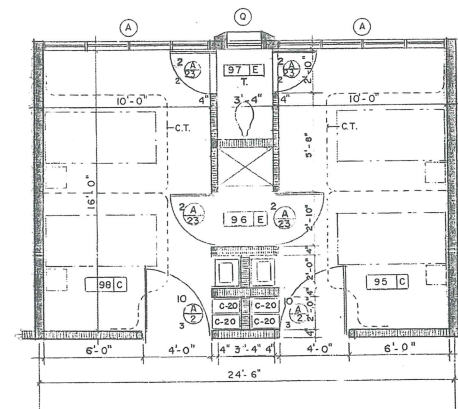
WIRE NO. 10 W&M GAUGE
MESH 1 1/2 IN. DIAMOND
VERT. FRAME 1 1/4 x 5/8 IN.
HORIZ. FRAME 1 x 1/2 CHANNEL
CTR. REINF. 1 x 3/8 dbl. CHANNEL
TOP RAIL 2 1/4 x 15/16 IN.
CORNER POST 1 1/4 x 1 1/4 IN. ANGLE
FLOOR SHOES 1 1/4 IN. SQUARE

KITCHEN, DINING & LAUNDRY RM. (FOR KITCHEN EQUIPMENT SEE SHTS. K-1 & K-2)
EQUIPMENT SCHEDULE

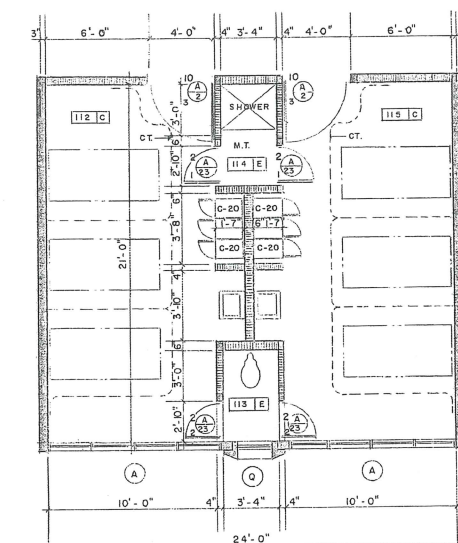
1	REACH-IN REFRIG. FREEZER	
2	WORKTABLE	
3	RANGE HOOD	
4	RANGE w/ BROILER	
5	RANGE - GRIDDLE w/ BROIL	
6	FRYER	
7	CHEFS TABLE	
8	HOT FOOD SECTION	
9	OVERSHELF & HEATERS	
10	POT RACK	
11	CLEAN DISHTABLE	
12	HOT WATER BOOSTER	
13	DISHWASHER	
14	PRE-WASH SINK	
15	SOILED DISHTABLE	
16	PORTABLE WORKTABLE	N.I.C.
17	SHELVING	N.I.C.
18	PORTABLE CART	N.I.C.
19	BEVERAGE COUNTER	
20	TOASTER	N.I.C.
21	MILK WARMER	
22	COFFEE URN	
23	FOOD CARTS	
24	HAND SINK	
25	WALK-IN REFRIGERATOR	
26	WALK-IN SHELVING	
27	ICE MACHINE	
28	CAN WASH PIT	
29	WORKTABLE	
30	20 QT. MIXER	
31	FIRE PROTECTION SYSTEM	
32	COMPRESSOR FOR ITEM 25	
33	WORKTABLE	
34	IRONER	MODEL "S" 56" (GAS) BY AMERICAN LAUNDRY MACHINERY.
35	FOOD WASTE DISPOSAL	
36	IRON BOARD	ELECTRICA IRONING BOARD BY W. M. CISEL MFG. CO. INC.
37	WASHER	MODEL 3718 BY AMERICAN LAUNDRY MACHINERY
38	DRYER	MODEL THERMATIC "34" (GAS) BY AMERICAN LAUNDRY MACHINERY.
39	SINK	
40	MIXER STAND	
41	DINING TABLE	N.I.C.
42	CLOTHES WRINGER	MODEL M-100 BY BOCK LAUNDRY MACHINE CO.
43	DRINKING FOUNTAIN	
44	FIRE EXTINGUISHER	
45	BULLETIN BOARD	
46	SCALE	
47	STORAGE SHELVING	



GENERAL STORAGE AREA PLAN LAYOUT
SCALE: 1/4" = 1'-0"



TWO BED ROOM PLAN LAYOUT
SCALE: 1/4" = 1'-0"

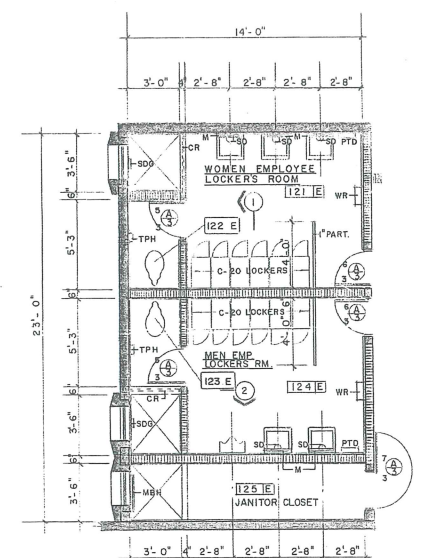


THREE BED ROOM PLAN LAYOUT
SCALE: 1/4" = 1'-0"

LEGEND

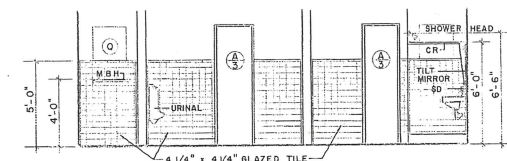
- CT CUBICLE TRACK & FLAMEPROOF CURTAIN
EQUAL OR SIMILAR TO HILL - ROM
- B.B. BULLETIN BOARD MODEL NO. 244 EN 18" x 24", ELEVATION "G" BY
NELSON - HARKINS.
- F.E. FIRE EXTINGUISHERS
- C-20 METAL LOCKERS SHALL BE 15" x 18" x 72" EQUAL OR SIMILAR
TO SUNAR NOISELESS AS MANUFACTURED BY SUNSHINE OFFICE
EQUIPMENT LIMITED, WATERLOO, ONTARIO.

NOTE: FOR SECTIONS L-1 & LR-1 SEE SHEET A-5

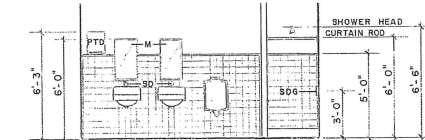


TOILETS NO. 121, 122, 123, 124 &
JANITOR CL. NO. 125 PLANS LAYOUT

NOTE: FOR ABBREVIATIONS SEE SHEET NO. 16



ELEVATION 1



ELEVATION 2

TOILET PLANS & ELEVATIONS
SCALE: 1/4" = 1'-0"



KEY PLAN SCALE: 1:1000

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				NO. DATE BY DESCRIPTION REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER				ADJUNTAS PUERTO RICO	
DESIGNED BY LLENZA & LLENZA ARCHITECTS				DATE	DRAWING NUMBER A - 11
SUBMITTED BY CHIEF OF ARCHITECTURAL SECT.				DATE	II - 50 TOTAL OF SHTS
				TRACED BY	PROJECT NO.
				CHECKED BY	

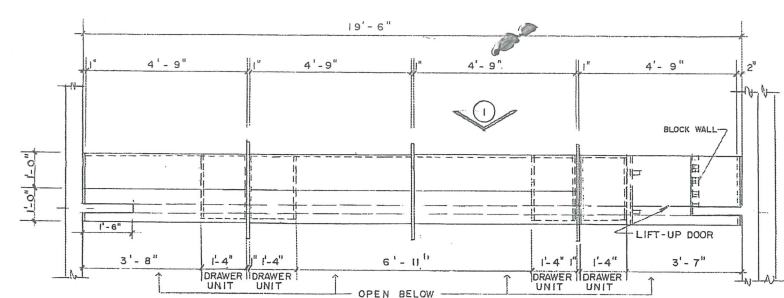
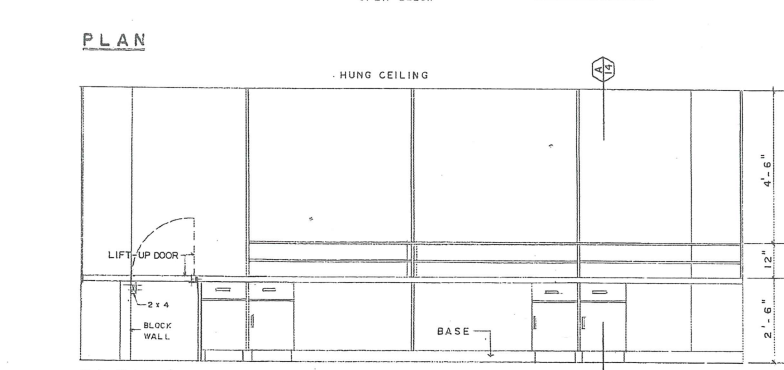
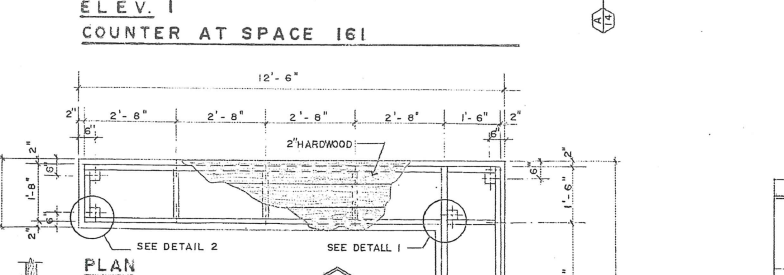
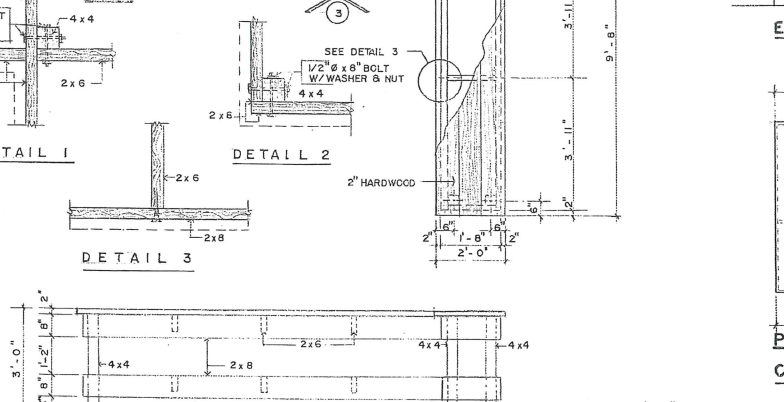
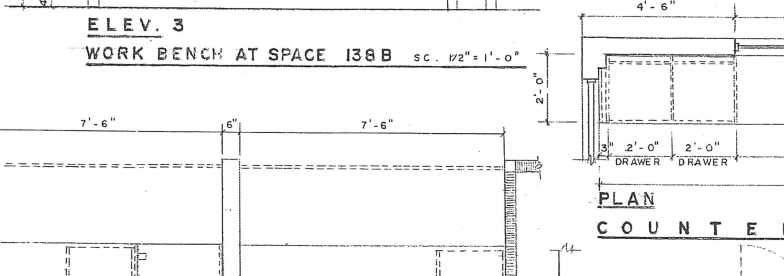
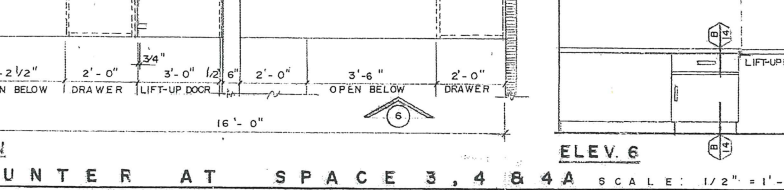
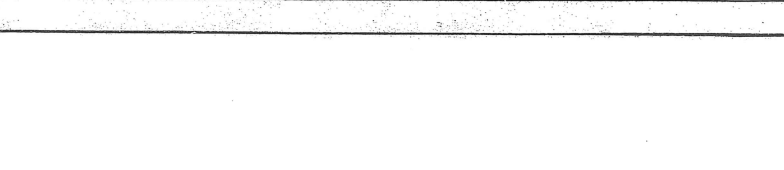
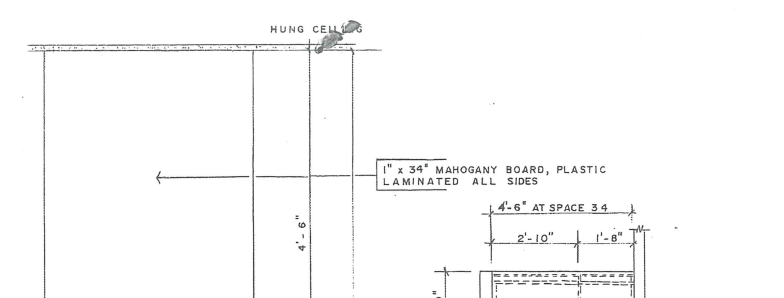
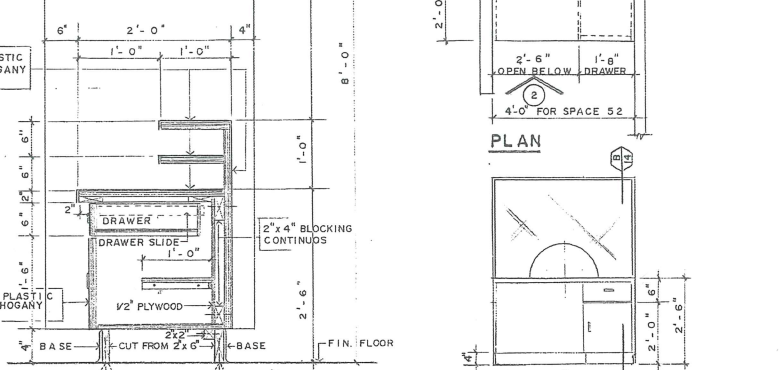
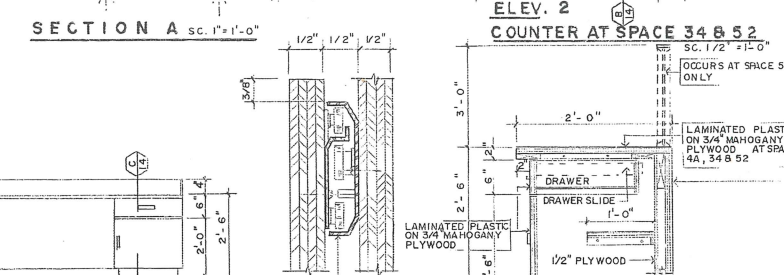
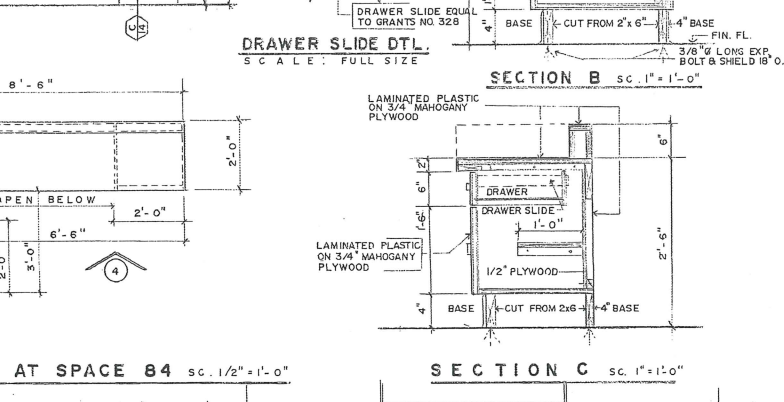
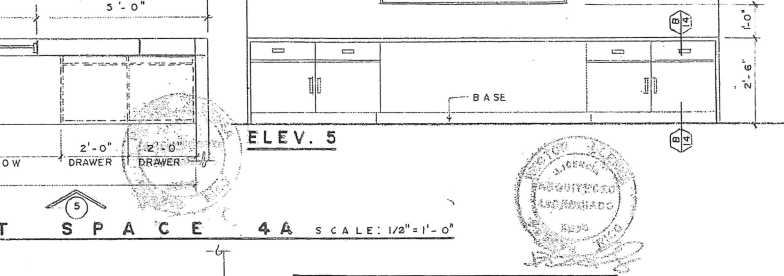
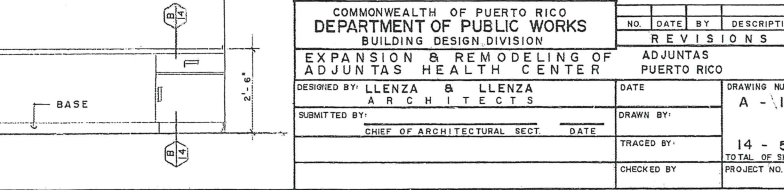
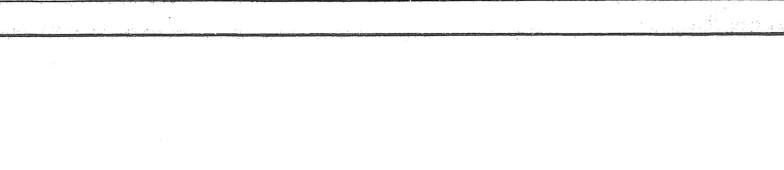
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO. _____	DATE _____	DESCRIPTION _____
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		R E V I S I O N S		
DESIGNED BY: LLENZA & LLENZA A R C H I T E C T S		ADJUNTAS PUERTO RICO		
SUBMITTED BY: _____	DATE _____	DRAWING NUMBER A - 12	CHIEF OF ARCHITECTURAL SECT. _____	
_____	DATE _____	DRAWN BY: _____	12 - 50	
_____	_____	TRACED BY: _____	TOTAL OF SHEETS _____	
_____	_____	CHECKED BY: _____	PROJECT NO. _____	

TECHNICAL EQUIPMENT SCHEDULE

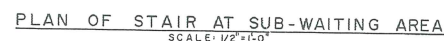
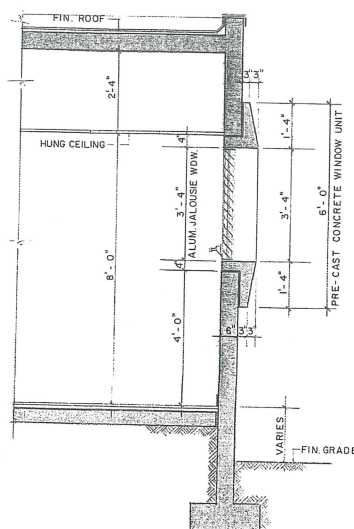
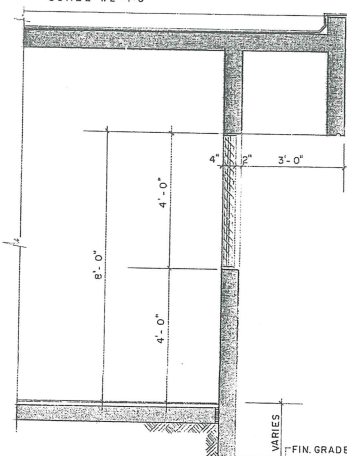
ITEM	SIZE	ELECTRIC	PLUMBING	REMARKS
T-1 SURFACE MOUNTED SURGICAL LIGHT	22" DIAMETER	120 SINGLE 150 WATTS	- - -	MODEL C-22 BY AMSCO
T-2 GENERAL PURPOSE STERILIZER	16" x 16" x 26" INSIDE CHAMBER	208 THREE 60 CYCLES	3/4" 3/8" 1/2"	MEDALLION SERIES STERILIZER BY AMSCO
T-3 GENERAL PURPOSE STERILIZER	20" x 20" x 38" INSIDE CHAMBER	208 THREE 60 CYCLES	3/4" 3/8" 1/2"	MEDALLION SERIES STERILIZER BY AMSCO
T-4 WARMING CABINET	30" x 24" x 74"	120 SINGLE 30 AMP 3	- - -	OPEN MOUNTED MODEL DJ04112-122 BY AMSCO
T-5 FEEDING UNIT	72" x 28" x 80"	20/208 SINGLE 60 AMP 3	1/2" 1/2" 1/2"	MODEL MC-543 SL BY AMSCO
T-6 MEDICINE STATION	48"	120 SINGLE 150 WATTS	3/4" 3/8" 1/2"	48" MODEL RECESSED BY AMSCO
T-7 WASHER SANITIZER	72" x 24" x 36"	208 SINGLE 60 CYCLES	1/2" 1/2" 1/2"	MODEL UWES-6 BY AMSCO
T-8 NURSERY FORMULA REFRIGERATOR	24" x 24" x 58"	120 SINGLE 60 CYCLES	- - -	MODEL AHR-7-NF-U BY AMSCO
T-9 BED PAN WASHER SANITIZER	19 1/2" x 46 1/4"	120 SINGLE 60 CYCLES	1" 3/8" 1/2"	MODEL NO. CWS-1 BY AMSCO
T-10 DOUBLE SCRUB SINK	64" x 24" x 3 1/2"	120 SINGLE 60 CYCLES	1/2" 1/2" 1/2"	MODEL NO. CE11-210 BY AMSCO
T-11 10 GPH ULTRAPURE STILL	16" DIA x 44 1/2" H	120 THREE 60 CYCLES	3/8" - 1/2"	10 GPH ULTRAPURE STILL BY AMSCO
T-12 12 GALS. GLASS CARBOY			3/8"	MODEL MBM 4306-2 BY AMSCO
T-14 X-RAY ILLUMINATOR	28 3/4" x 6 7/8" x 2 1/2"	115 SINGLE 15 WATTS	- - -	MODEL E5046 B BY GENERAL ELECTRIC
T-15 HOT AIR OVEN	25" x 19" x 19"	120 SINGLE 60 CYCLES	- - -	MODEL 835 B BY AMSCO
T-16 SONIC CLEANER	30" x 24" x 36"	208 SINGLE 60 CYCLES	3/8" 1/2" 1/2"	MODEL BY31-120 BY AMSCO
T-17 FLASK WASHER	24" x 24" x 36"	120 SINGLE 17 AMP 3	3/4" 3/4" 3/4"	MODEL CF07-211-100 BY AMSCO (N.I.C.)
T-18 OPERATING TABLE				MODEL 1063-C BY AMSCO (N.I.C.)
T-19 PORTABLE SURGICAL LIGHT	22" DIAMETER	120 SINGLE 60 CYCLES	- - -	MODEL CX-22 BY AMSCO (N.I.C.)
T-20 OBSTETRICAL TABLE				MODEL 800-W BY AMSCO (N.I.C.)
T-21				
T-22 BOTTLE WASHER				MODEL 3006-2 BY SOUTHERN CROSS
T-23 BOTTLE RINSER				MODEL 103 BY SOUTHERN CROSS
T-24 NIPPLE WASHER		115 SINGLE 15 AMP 3	3/8" 3/8" 1/2"	MODEL NW605-2 BY SOUTHERN CROSS

DENTAL EQUIPMENT				
D-1 DENTAL CHAIR		120 SINGLE 15 AMP 1/2"	- 1/2"	MODEL-H3R BY RITTER 3/8" AIR LINE
D-2 DENTAL UNIT				MODEL J-4A BY RITTER
D-3 DENTAL OPERATING LIGHT				MODEL STARLITE BY RITTER
D-4 DENTAL X-RAY UNIT				MODEL J3 BY RITTER ELECTRIC
D-5 DENTAL FILM VIEWER				MODEL E5062 C BY GENERAL ELECTRIC
D-6 AIR COMPRESSOR	18" DIA. x 24"	115 SINGLE 60 CYCLES	- - -	MODEL 74 (TWIN CYLINDER) BY KLEEN-AIR INC.
D-7 PROCESSING TANK	14" x 11" x 16"		1/2" 1/2" 1/4"	MODEL E1002BA BY GENERAL ELECTRIC
D-8 SAFELIGHT	5" x 7"			MODEL E1160A BY GENERAL ELECTRIC

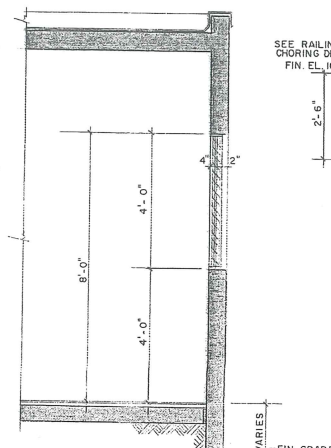
X - RAY EQUIPMENT				
X-1 X-RAY GENERATING UNIT				MODEL A0646A BY GENERAL ELECTRIC
X-2 HIGH TENSION TRANSFORMER				MODEL IITK24B1 (60HZ) BY GENERAL ELECTRIC
X-3 MONITOR TABLE				MODEL B0118B BY GENERAL ELECTRIC
X-4 TUBESTAND				MODEL B2065 B BY GENERAL ELECTRIC
X-5 VERTICAL CASSETTE HOLDER				MODEL E63148A BY GENERAL ELECTRIC
X-6 SECTIONAL DARK ROOM CABINETS				WALL UNITS: E1168 B, E1168 C, E1168 D; COUNTER: E1168 H; BASE UNITS: E1168 AE, E1168 AF, E1168 AB
X-7 PROCESSING TANK	30" x 27" x 67"	110 SINGLE 60 CYCLES	1/2" 1/2" 1/4"	MODEL E1224 C BY GENERAL ELECTRIC E1225 BC-50 GALS. 1/2 H.P. COOLER
X-8 SAFELIGHT	5" x 7"	115 SINGLE	- - -	MODEL E1160A BY GENERAL ELECTRIC
X-9 FILM STORAGE CABINETS	48" x 18"	- - -	- - -	MODEL E2026BA BY GENERAL ELECTRIC (30 UNITS) N.I.C.
X-10 FILM STORAGE CABINETS	24" x 18"	- - -	- - -	MODEL E2026AA BY GENERAL ELECTRIC (30 UNITS) N.I.C.
X-11 CASSETTE PASS BOX	23 1/4" x 10 1/2" x 23 3/4"	- - -	- - -	MODEL E3034AC BY GENERAL ELECTRIC 4 DOOR CASSETTE PASS BOX NO LEAD LINING
X-12 LEAD GLASS & FRAME	12" x 16"	- - -	- - -	MODEL E3035A BY GENERAL ELECTRIC E3035 B



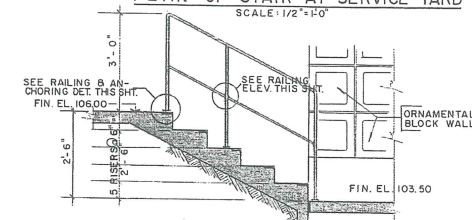
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO. DATE BY DESCRIPTION	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		REVISIONS	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS	DATE	DRAWN BY:	DRAWING NUMBER A-14
SUBMITTED BY:	DATE	TRACED BY:	14 - 50
CHIEF OF ARCHITECTURAL SECT.		CHECKED BY:	TOTAL OF SHTS. PROJECT NO.



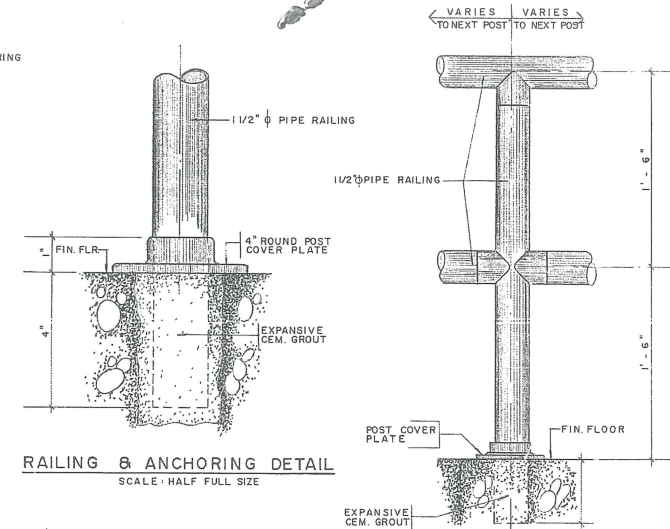
SECTION W-2
SCALE: 1/2" = 1'-0"



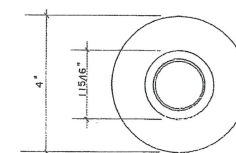
SECTION W-3
SCALE: 1/2"=1'-0"



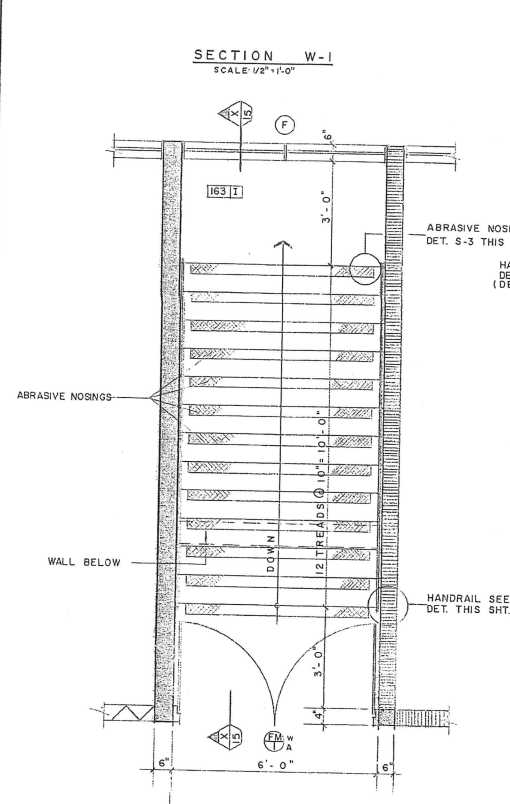
SECTION "Z" SCALE: 1/2"=1'-0"



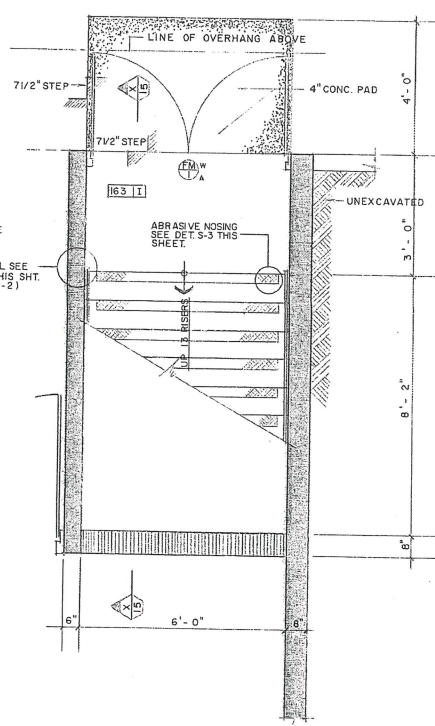
RAILING & ANCHORING DETAIL
SCALE: HALF FULL SIZE



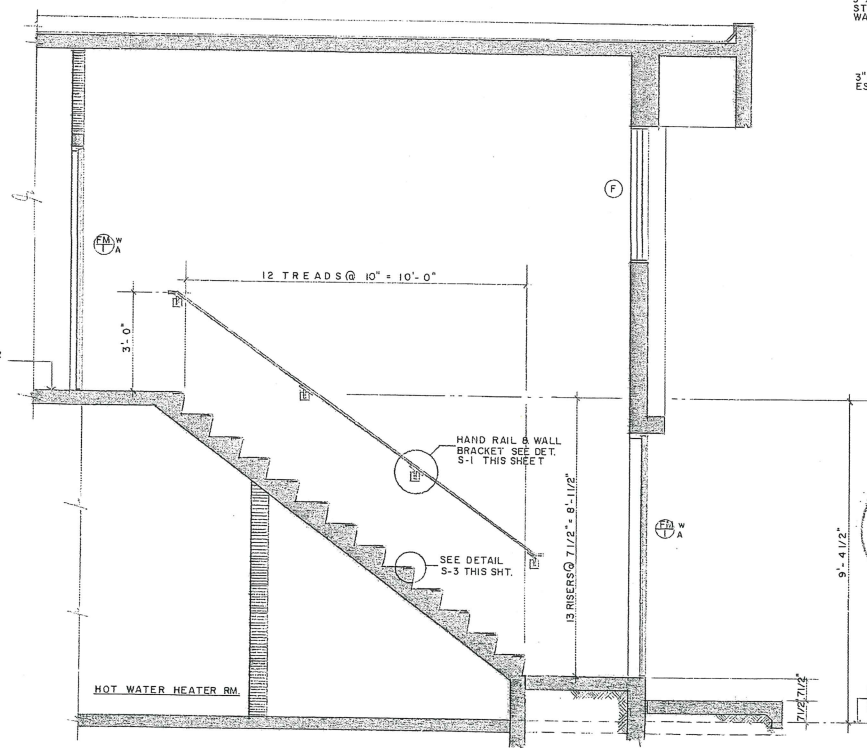
PLAN OF POST COVER PLATE
SCALE: HALF FULL SIZE



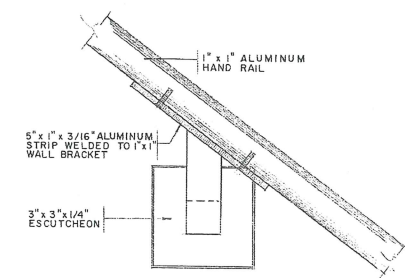
BEDROOMS LEVEL STAIR PLAN



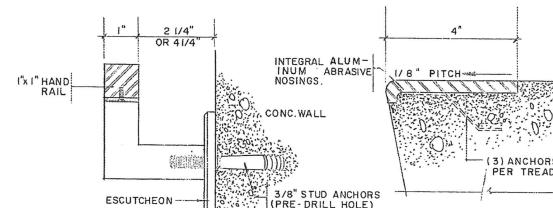
LOWER FLOOR STAIR PLAN



STAIR SECTION X - X



DETAIL S-1

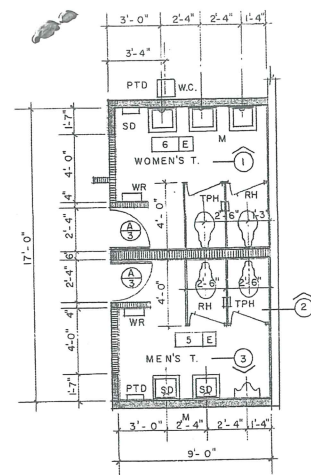


DETAIL S-3

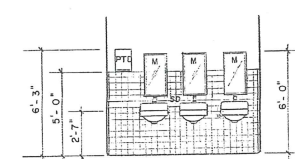
DETAIL S-2

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

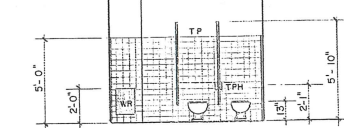
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO. _____		DATE BY _____	DESCRIPTION R E V I S I O N S
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER ARCHITECTS		DATE _____		ADJUNTAS PUERTO RICO	
DESIGNED BY _____		DRAWN BY J.F.M.		DRAWING NUMBER A - 15	
SUBMITTED BY _____		TRACED BY _____		15 - 50	
CHIEF OF ARCHITECTURAL SECT. _____ DATE _____		CHECKED BY _____		TOTAL OF 5 HTS. PROJECT NO. _____	



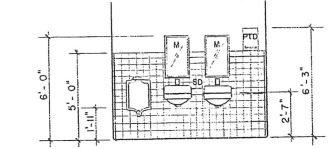
TOILETS 5 & 6 PLAN



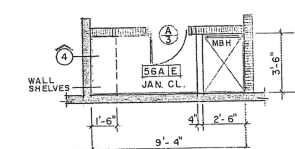
ELEVATION 1



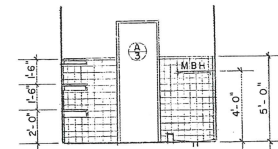
ELEVATION 2



ELEVATION 3

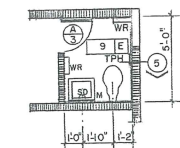


JAN. CL. NO. 56 A

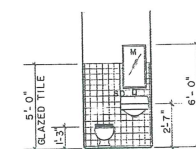


ELEVATION 4

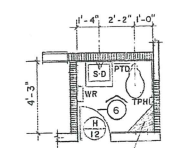
TOILETS PLANS & ELEVATIONS SCALE 1/4"=1'-0"



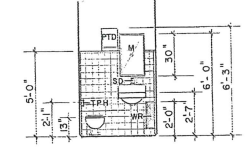
TOILET 9 PLAN



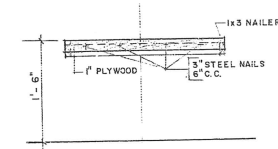
ELEVATION 5



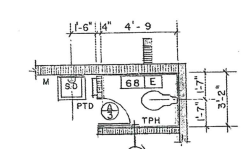
TOILET NO. 46



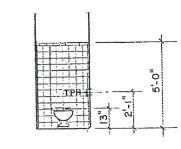
ELEVATION 6



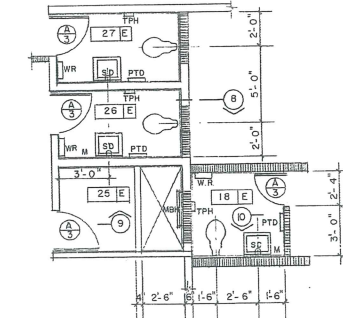
BENCH DETAIL SCALE 1/4"=1'-0"



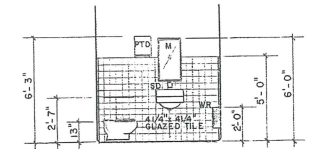
TOILET NO. 68 PLAN



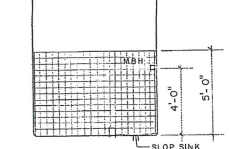
ELEVATION 7



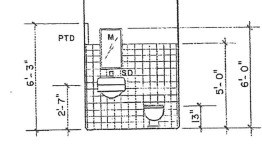
TOILETS NO. 18, 26, 27 & JAN. CL. NO. 25 PLAN



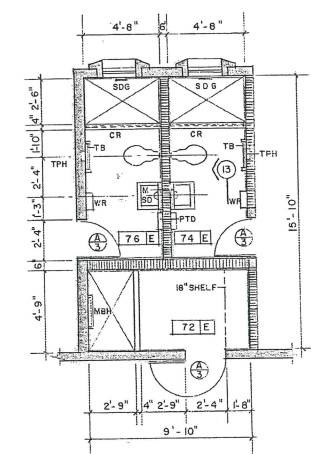
ELEVATION 8



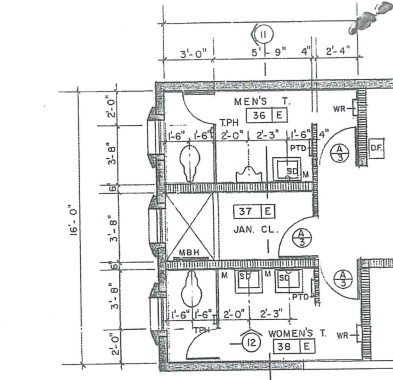
ELEVATION 9



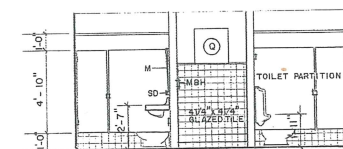
ELEVATION 10



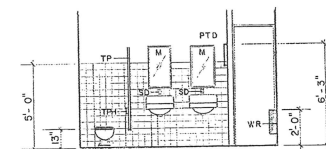
TOILETS NO. 74, 76 & JAN. CL. NO. 72 PLAN



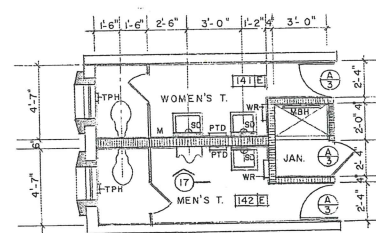
TOILETS NO. 36, 38 & JAN. CL. NO. 37 PLAN



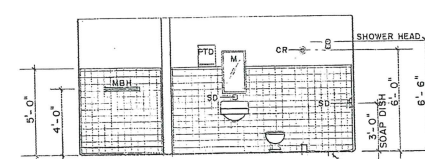
ELEVATION 11



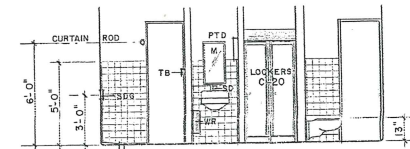
ELEVATION 12



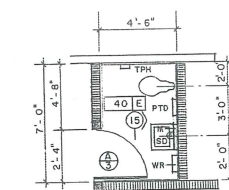
TOILETS NO. 141 & 142 PLAN



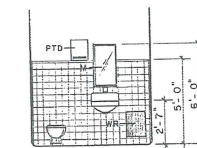
ELEVATION 13



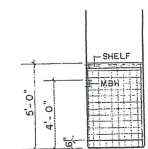
ELEVATION 14



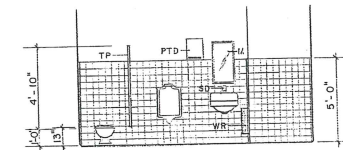
TOILET NO. 40 PLAN



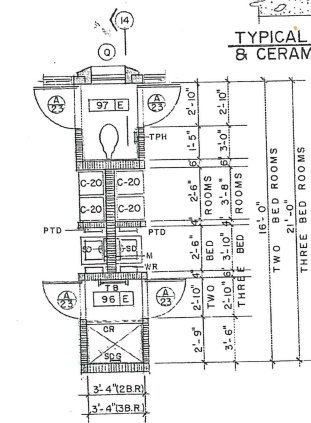
ELEVATION 15



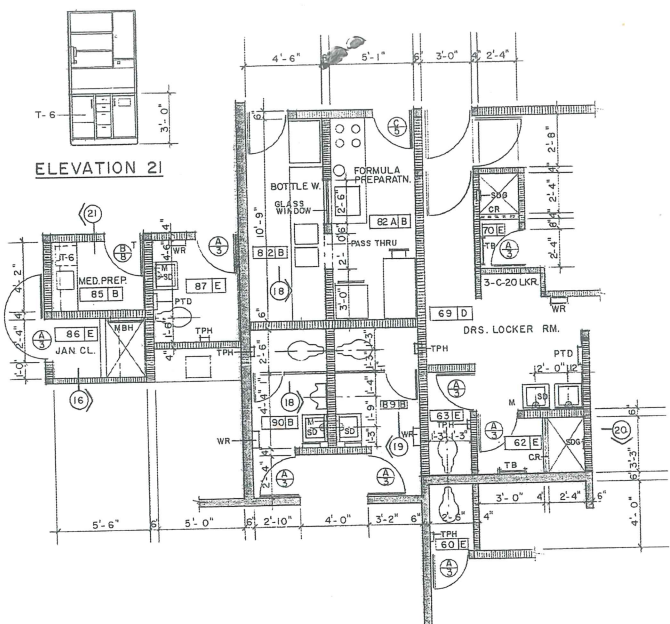
ELEVATION 16



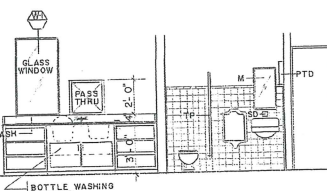
ELEVATION 17



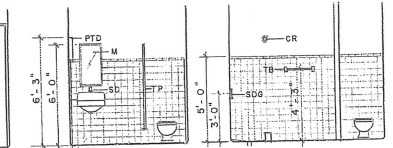
TWO BED ROOM, RM. NO. 96, 97 OR THREE BED ROOM, RMS. 113 & 114 PLAN



ROOMS NO. 60, 62, 63, 69, 70, 82, 82A, 85, 86, 87, 89 & 90 PLAN



ELEVATION 18



ELEVATION 19



ELEVATION 20

TOILET ACCESSORIES SCHEDULE

M	MIRROR	EQUAL OR SIMILAR TO B-293 BY BOBRICK
RH	ROBE HOOK	EQUAL OR SIMILAR TO B-219 BY BOBRICK
WR	WASTE RECEPTACLE	EQUAL OR SIMILAR TO B-279 BY BOBRICK
PTD	PAPER TOWEL DISPENSER	EQUAL OR SIMILAR TO B-262 BY BOBRICK
TPH	TOILET PAPER HOLDER	EQUAL OR SIMILAR TO B-274 BY BOBRICK
SD	SOAP DISPENSER	EQUAL OR SIMILAR TO B-86 BY BOBRICK
TP	TOILET PARTITION	SEE STANDARD DETAIL NO. 51 IN SPECS.
MBH	MOP AND BROOM HOLDER	EQUAL OR SIMILAR TO B-213 BY BOBRICK
SDG	SOAP DISH & GRAB BAR	EQUAL OR SIMILAR TO B-439 BY BOBRICK
TB	TOWEL BAR	EQUAL OR SIMILAR TO B-209x18 BY BOBRICK
CR	CURTAIN ROD	EQUAL OR SIMILAR TO B-210 BY BOBRICK

TYPICAL GLAZED TILE WALL & CERAMIC FLOOR DETAIL

NOT TO SCALE

GENERAL NOTES

1. ALL EXISTING CERAMIC, GLAZED TILE AND CERAMIC TILES ACCESSORIES SHALL BE REMOVED AND SPACE WHERE SUCH REMOVAL OCCURS SHALL BE FINISHED AS SPECIFIED IN THE SCHEDULE OF FINISHES OR AS INDICATED ON DETAILED DWGS.
2. ALL EXISTING SANITARY PLUMBING FIXTURES SHALL BE REMOVED AND SUBSTITUTED BY THE EQUIPMENT SPECIFIED.
3. INSTALL ONE ROBE HOOK BEHIND EACH DOOR OF NURSES & DOCTORS QUARTERS AND LOCKER ROOMS.



COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO. DATE BY DESCRIPTION REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		ADJUNTAS PUERTO RICO	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS	DATE	DRAWN BY:	DRAWING NUMBER A-16
SUBMITTED BY:	DATE	TRACED BY:	16-50 TOTAL OF SHEETS
CHIEF OF ARCHITECTURAL SECT.		CHECKED BY:	PROJECT NO.

NOTES:

- 1 - ONLY STRUCTURAL ELEMENTS ARE SHOWN IN THIS PLAN. FOR NON-STRUCTURAL ELEMENTS TO BE CONSTRUCTED OR DEMOLISHED SEE OTHER TRADES PLANS.
- 2 - FOUNDATIONS OF STRUCTURAL ELEMENTS TO BE DEMOLISHED CAN BE LEFT IN PLACE AS LONG AS THEY DO NOT AFFECT OR INTERFERE WITH THE NEW CONSTRUCTION.
- 3 - CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DEMOLITIONS WITHOUT AFFECTING THE EXISTING CONSTRUCTION TO REMAIN.
- 4 - FOR GENERAL NOTES SEE SHEET 5-A.
- 5 - INDICATES LOCATION OF SOIL BOLDS.
- 6 - SEE SHEET 5-T FOR REINFORCED SPREAD FOOTINGS.
- 7 - TO AVOID CONFUSION, EXIST. CONSTRUCTION TO BE COMPLETELY DEMOLISHED HAS NOT BEEN SHOWN IN THESE PLANS.

LOWER FLOOR BELOW (FOR FOUNDATION PLAN OF THIS AREA SEE NEXT SHEET)

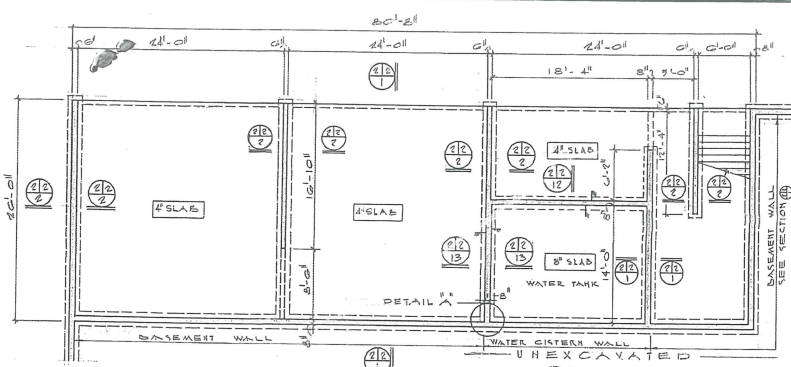
LEGEND:

- NEW CONSTRUCTION STRUCT. WALL OR COL.
- EXIST. CONST. STRUCT. WALL OR COL. TO REMAIN
- EXIST. STRUCT. BLOCK WALL TO REMAIN
- EXIST. STRUCT. WALL OR COL. TO BE DEMOLISHED
- EXIST. STRUCT. BLOCK WALL TO BE DEMOLISHED

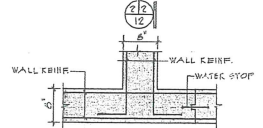
FOUNDATION PLAN
SCALE: 1/8" = 1' - 0"

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO. DATE BY DESCRIPTION REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER PUERTO RICO		ADJUNTAS	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS		DATE:	DRAWING NUMBER S - 1
SUBMITTED BY:		DATE:	17 - 50
CHIEF OF ARCHITECTURAL SECT.		TRACED BY:	TOTAL OF SHTS.
		CHECKED BY:	PROJECT NO.

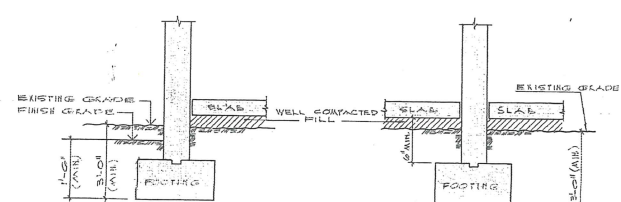
MARTINEZ & COSTA & ASSOCIATES
ENGINEERS AND CONSULTANTS
1722



FOUNDATION PLAN
SCALE: 1/8" = 1'-0"
(LOWER LEVEL)

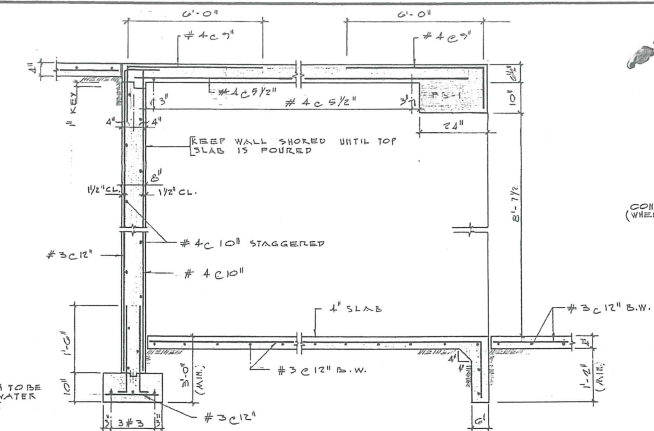


DETAIL "A"
SCALE: 3/4" = 1'-0"

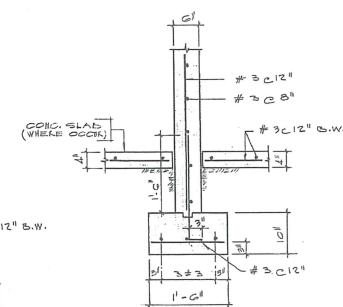


EXTERIOR WALL OR COL. INTERIOR WALL OR COL.

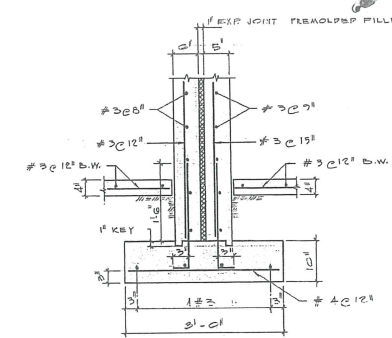
STANDARD FOOTING DEPTH DETAIL
(UNLESS OTHERWISE INDICATED IN PLANS)



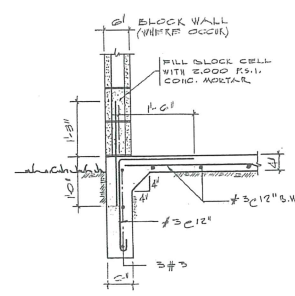
SECTION 12/1
SCALE: 1/2" = 1'-0"



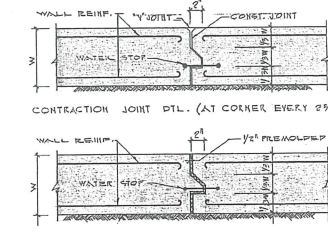
SECTION 12/2
SCALE: 3/4" = 1'-0"
(TYPICAL FOR 6" CONC. WALL)



SECTION 12/3
SCALE: 3/4" = 1'-0"

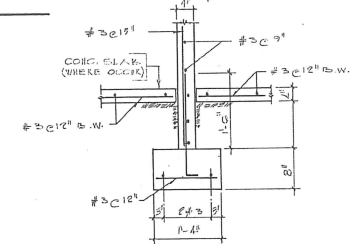


SECTION 12/4
SCALE: 3/4" = 1'-0"

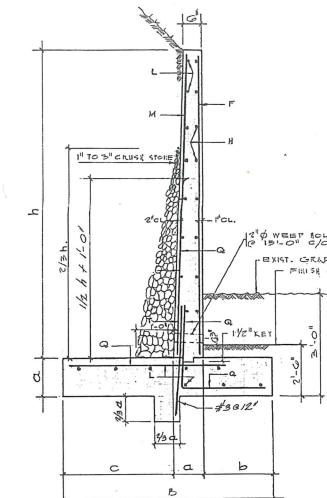


SECTION 12/5
SCALE: 3/4" = 1'-0"

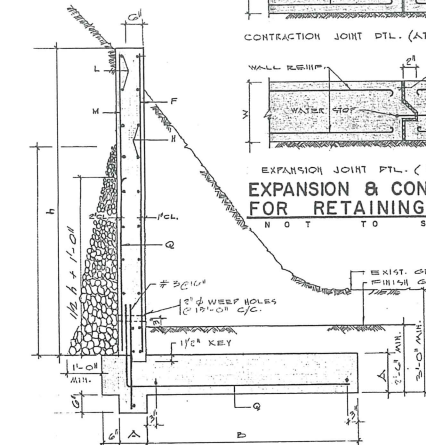
EXPANSION & CONTRACTION DTL. FOR RETAINING WALLS
NOT TO SCALE



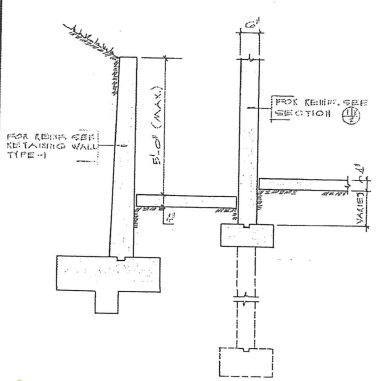
SECTION 12/6
SCALE: 3/4" = 1'-0"



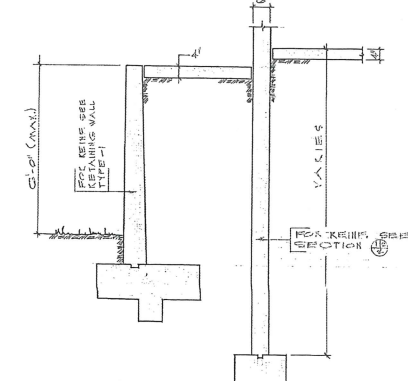
RETAINING WALL TYPE - 1
SCALE: 1/2" = 1'-0"



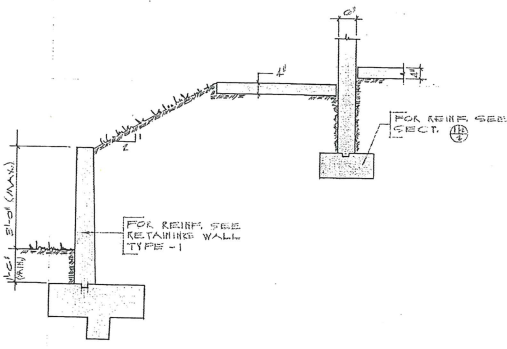
RETAINING WALL TYPE - 2
SCALE: 1/2" = 1'-0"



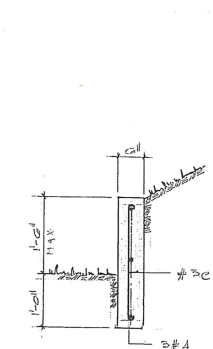
SECTION 12/7
SCALE: 1/2" = 1'-0"



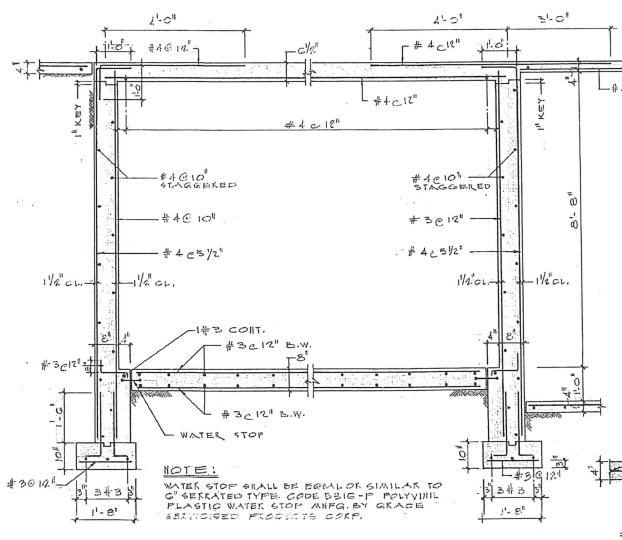
SECTION 12/8
SCALE: 1/2" = 1'-0"



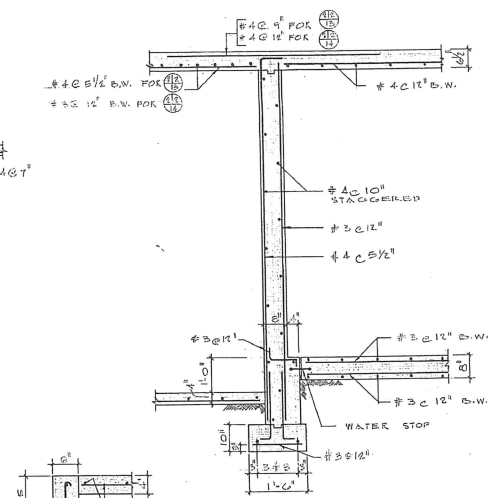
SECTION 12/9
SCALE: 1/2" = 1'-0"



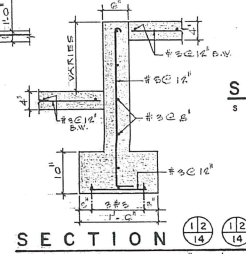
SECTION 12/10
SCALE: 3/4" = 1'-0"



SECTION 12/11
SCALE: 1/2" = 1'-0"

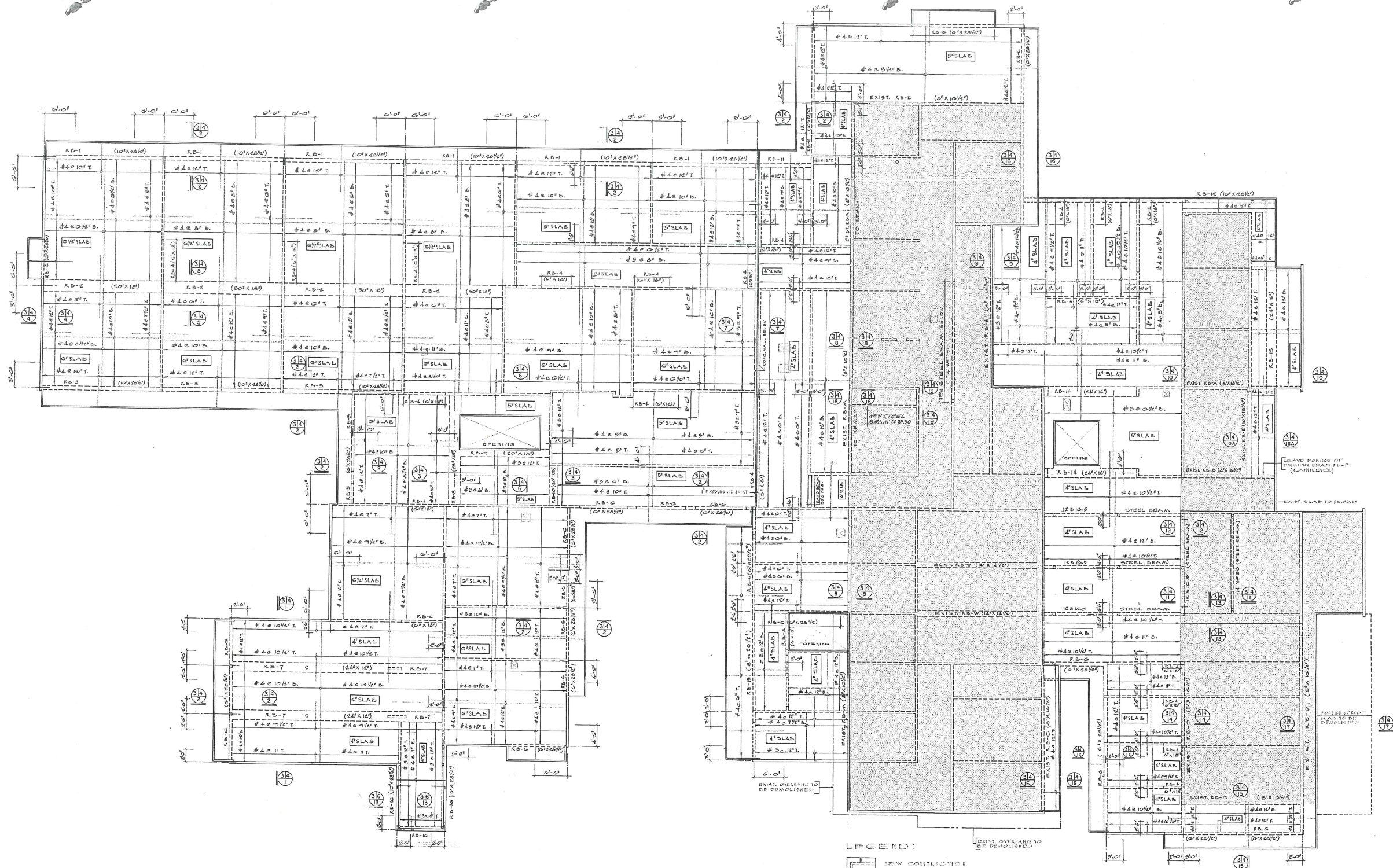


SECTION 12/12
SCALE: 1/2" = 1'-0"



SECTION 12/13
SCALE: 3/4" = 1'-0"

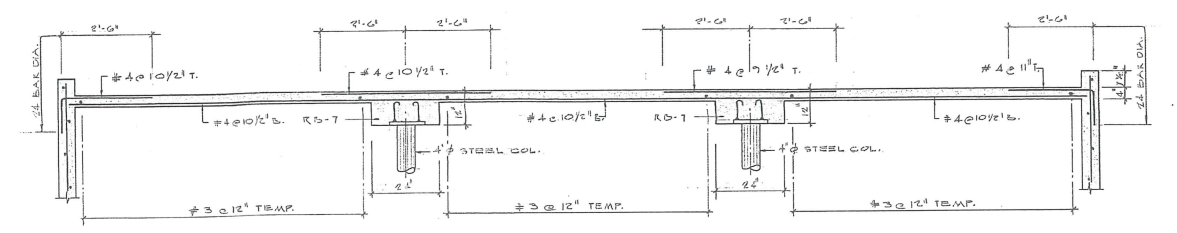
RETAINING WALL TYPE - 1													
HEIGHT (ft)	A	B	C	D	E	F	G	H	I	J	K	L	M
FROM 0 TO 4	8" - 8"	10" - 10"	12" - 12"	14" - 14"	16" - 16"	18" - 18"	20" - 20"	22" - 22"	24" - 24"	26" - 26"	28" - 28"	30" - 30"	32" - 32"
4 TO 6	10" - 10"	12" - 12"	14" - 14"	16" - 16"	18" - 18"	20" - 20"	22" - 22"	24" - 24"	26" - 26"	28" - 28"	30" - 30"	32" - 32"	34" - 34"
6 TO 8	12" - 12"	14" - 14"	16" - 16"	18" - 18"	20" - 20"	22" - 22"	24" - 24"	26" - 26"	28" - 28"	30" - 30"	32" - 32"	34" - 34"	36" - 36"
8 TO 10	14" - 14"	16" - 16"	18" - 18"	20" - 20"	22" - 22"	24" - 24"	26" - 26"	28" - 28"	30" - 30"	32" - 32"	34" - 34"	36" - 36"	38" - 38"
10 TO 12	16" - 16"	18" - 18"	20" - 20"	22" - 22"	24" - 24"	26" - 26"	28" - 28"	30" - 30"	32" - 32"	34" - 34"	36" - 36"	38" - 38"	40" - 40"
12 TO 14	18" - 18"	20" - 20"	22" - 22"	24" - 24"	26" - 26"	28" - 28"	30" - 30"	32" - 32"	34" - 34"	36" - 36"	38" - 38"	40" - 40"	42" - 42"
14 TO 16	20" - 20"	22" - 22"	24" - 24"	26" - 26"	28" - 28"	30" - 30"	32" - 32"	34" - 34"	36" - 36"	38" - 38"	40" - 40"	42" - 42"	44" - 44"
16 TO 18	22" - 22"	24" - 24"	26" - 26"	28" - 28"	30" - 30"	32" - 32"	34" - 34"	36" - 36"	38" - 38"	40" - 40"	42" - 42"	44" - 44"	46" - 46"
18 TO 20	24" - 24"	26" - 26"	28" - 28"	30" - 30"	32" - 32"	34" - 34"	36" - 36"	38" - 38"	40" - 40"	42" - 42"	44" - 44"	46" - 46"	48" - 48"
20 TO 22	26" - 26"	28" - 28"	30" - 30"	32" - 32"	34" - 34"	36" - 36"	38" - 38"	40" - 40"	42" - 42"	44" - 44"	46" - 46"	48" - 48"	50" - 50"
22 TO 24	28" - 28"	30" - 30"	32" - 32"	34" - 34"	36" - 36"	38" - 38"	40" - 40"	42" - 42"	44" - 44"	46" - 46"	48" - 48"	50" - 50"	52" - 52"
24 TO 26	30" - 30"	32" - 32"	34" - 34"	36" - 36"	38" - 38"	40" - 40"	42" - 42"	44" - 44"	46" - 46"	48" - 48"	50" - 50"	52" - 52"	54" - 54"
26 TO 28	32" - 32"	34" - 34"	36" - 36"	38" - 38"	40" - 40"	42" - 42"	44" - 44"	46" - 46"	48" - 48"	50" - 50"	52" - 52"	54" - 54"	56" - 56"
28 TO 30	34" - 34"	36" - 36"	38" - 38"	40" - 40"	42" - 42"	44" - 44"	46" - 46"	48" - 48"	50" - 50"	52" - 52"	54" - 54"	56" - 56"	58" - 58"
30 TO 32	36" - 36"	38" - 38"	40" - 40"	42" - 42"	44" - 44"	46" - 46"	48" - 48"	50" - 50"	52" - 52"	54" - 54"	56" - 56"	58" - 58"	60" - 60"
32 TO 34	38" - 38"	40" - 40"	42" - 42"	44" - 44"	46" - 46"	48" - 48"	50" - 50"	52" - 52"	54" - 54"	56" - 56"	58" - 58"	60" - 60"	62" - 62"
34 TO 36	40" - 40"	42" - 42"	44" - 44"	46" - 46"	48" - 48"	50" - 50"	52" - 52"	54" - 54"	56" - 56"	58" - 58"	60" - 60"	62" - 62"	64" - 64"
36 TO 38	42" - 42"	44" - 44"	46" - 46"	48" - 48"	50" - 50"	52" - 52"	54" - 54"	56" - 56"	58" - 58"	60" - 60"	62" - 62"	64" - 64"	66" - 66"
38 TO 40	44" - 44"	46" - 46"	48" - 48"	50" - 50"	52" - 52"	54" - 54"	56" - 56"	58" - 58"	60" - 60"	62" - 62"	64" - 64"	66" - 66"	68" - 68"
40 TO 42	46" - 46"	48" - 48"	50" - 50"	52" - 52"	54" - 54"	56" - 56"	58" - 58"	60" - 60"	62" - 62"	64" - 64"	66" - 66"	68" - 68"	70" - 70"
42 TO 44	48" - 48"	50" - 50"	52" - 52"	54" - 54"	56" - 56"	58" - 58"	60" - 60"	62" - 62"	64" - 64"	66" - 66"	68" - 68"	70" - 70"	72" - 72"
44 TO 46	50" - 50"	52" - 52"	54" - 54"	56" - 56"	58" - 58"	60" - 60"	62" - 62"	64" - 64"	66" - 66"	68" - 68"	70" - 70"	72" - 72"	74" - 74"
46 TO 48	52" - 52"	54" - 54"	56" - 56"	58" - 58"	60" - 60"	62" - 62"	64" - 64"	66" - 66"	68" - 68"	70" - 70"	72" - 72"	74" - 74"	76" - 76"
48 TO 50	54" - 54"	56" - 56"	58" - 58"	60" - 60"	62" - 62"	64" - 64"	66" - 66"	68" - 68"	70" - 70"	72" - 72"	74" - 74"	76" - 76"	78" - 78"
50 TO 52	56" - 56"	58" - 58"	60" - 60"	62" - 62"	64" - 64"	66" - 66"	68" - 68"	70" - 70"	72" - 72"	74" - 74"	76" - 76"	78" - 78"	80" - 80"
52 TO 54	58" - 58"	60" - 60"	62" - 62"	64" - 64"	66" - 66"	68" - 68"	70" - 70"	72" - 72"	74" - 74"	76" - 76"	78" - 78"	80" - 80"	82" - 82"
54 TO 56	60" - 60"	62" - 62"	64" - 64"	66" - 66"	68" - 68"	70" - 70"	72" - 72"	74" - 74"	76" - 76"	78" - 78"	80" - 80"	82" - 82"	84" - 84"
56 TO 58	62" - 62"	64" - 64"	66" - 66"	68" - 68"	70" - 70"	72" - 72"	74" - 74"	76" - 76"	78" - 78"	80" - 80"	82" - 82"	84" - 84"	86" - 86"
58 TO 60	64" - 64"	66" - 66"	68" - 68"	70" - 70"	72" - 72"	74" - 74"	76" - 76"	78" - 78"	80" - 80"	82" - 82"	84" - 84"	86" - 86"	88" - 88"
60 TO 62	66" - 66"	68" - 68"	70" - 70"	72" - 72"	74" - 74"	76" - 76"	78" - 78"	80" - 80"	82" - 82"	84" - 84"	86" - 86"	88" - 88"	90" - 90"
62 TO 64	68" - 68"	70" - 70"	72" - 72"	74" - 74"	76" - 76"	78" - 78"	80" - 80"	82" - 82"	84" - 84"	86" - 86"	88" - 88"	90" - 90"	92" - 92"
64 TO 66	70" - 70"	72" - 72"	74" - 74"	76" - 76"	78" - 78"	80" - 80"	82" - 82"	84" - 84"	86" - 86"	88" - 88"	90" - 90"	92" - 92"	94" - 94"
66 TO 68	72" - 72"	74" - 74"	76" - 76"	78" - 78"	80" - 80"	82" - 82"	84" - 84"	86" - 86"	88" - 88"	90" - 90"	92" - 92"	94" - 94"	96" - 96"
68 TO 70	74" - 74"	76" - 76"	78" - 78"	80" - 80"	82" - 82"	84" - 84"	86" - 86"	88" - 88"	90" - 90"	92" - 92"	94" - 94"	96" - 96"	98" - 98"
70 TO 72	76" - 76"	78" - 78"	80" - 80"	82" - 82"	84" - 84"	86" - 86"	88" - 88"	90" - 90"	92" - 92"	94" - 94"	96" - 96"	98" - 98"	100" - 100"
72 TO 74	78" - 78"	80" - 80"	82" - 82"	84" - 84"	86" - 86"	88" - 88"	90" - 90"	92" - 92"	94" - 94"	96" - 96"	98" - 98"	100" - 100"	102" - 102"
74 TO 76	80" - 80"	82" - 82"	84" - 84"	86" - 86"	88" - 88"	90" - 90"	92" - 92"	94" - 94"	96" - 96"	98" - 98"	100" - 100"	102" - 102"	104" - 104"
76 TO 78	82" - 82"	84" - 84"	86" - 86"	88" - 88"	90" - 90"	92" - 92"	94" - 94"	96" - 96"	98" - 98"	100" - 100"	102" - 102"	104" - 104"	106" - 106"
78 TO 80	84" - 84"	86" - 86"	88" - 88"	90" - 90"	92" - 92"	94" - 94"	96" - 96"	98" - 98"	100" - 100"	102" - 102"	104" - 104"	106" - 106"	108" - 108"
80 TO 82	86" - 86"	88" - 88"	90" - 90"	92" - 92"	94" - 94"	96" - 96"	98" - 98"	100" - 100"	102" - 102"	104" - 104"	106" - 106"	108" - 108"	110" - 110"
82 TO 84	88" - 88"	90" - 90"	92" - 92"	94" - 94"	96" - 96"	98" - 98"	100" - 100"	102" - 102"	104" - 104"	106" - 106"	108" - 108"	110" - 110"	112" - 112"
84 TO 86	90" - 90"	92" - 92"	94" - 94"	96" - 96"	98" - 98"	100" - 100"	102" - 102"	104" - 104"	106" - 106"	108" - 108"	110" - 110"	112" - 112"	114" - 114"
86 TO 88	92" - 92"	94" - 94"	96" - 96"	98" - 98"	100" - 100"	102" - 102"	104" - 104"	106" - 106"	108" - 108"	110" - 110"	112" - 112"	114" - 114"	116" - 116"
88 TO 90	94" - 94"	96" - 96"	98" - 98"	100" - 100"	102" - 102"	104" - 104"	106" - 106"	108" - 108"	110" - 110"	112" - 112"	114" - 114"	116" - 116"	118" - 118"
90 TO 92	96" - 96"	98" - 98"	100" - 100"	102" - 102"	104" - 104"	106" - 106"	108" - 108"	110" - 110"	112" - 112"	114" - 114"	116" - 116"	118" - 118"	120" - 120"
92 TO 94	98" - 98"	100" - 100"	102" - 102"	104" - 104"	106" - 106"	108" - 108"	110" - 110"	112" - 112"	114" - 114"	116" - 116"	118" - 118"	120" - 120"	122" - 122"
94 TO 96	100" - 100"	102" - 102"	104" - 104"	106" - 106"	108" - 108"	110" - 110"	112" - 112"	114" - 114"	116" - 116"	118" - 118"	120" - 120"	122" - 122"	124" - 124"
96 TO 98	102" - 102"	104" - 104"	106" - 106"	108" - 108"	110" - 110"	112" - 112"	114" - 114"	116" - 116"	118" - 118"	120" - 120"	122" - 122"	124" - 124"	126" - 126"
98 TO 100	104" - 104"	106" - 106"	108" - 108"	110" - 110"	112" - 112"	114" - 114"	116" - 116"	118" - 118"	120" - 120"	122" - 122"	124" - 124"	126" - 126"	128" - 128"
100 TO 102	106" - 106"	108" - 108"	110" - 110"	112" - 112"	114" - 114"	116" - 116"	118" - 118"	120" - 120"	122" - 122"	124" - 124"	126" - 126"	128" - 128"	130" - 130"
102 TO 104	108" - 108"	110" - 110"	112" - 112"	114" - 114"	116" - 116"	118" - 118"	120" - 120"	122" - 122"	124" - 124"	126" - 126"	128" - 128"	130" - 130"	132" - 132"
104 TO 106	110" - 110"	112" - 112"	114" - 114"	116" - 116"	118" - 118"	120" - 120"	122" - 122"	124" - 124"	126" - 126"	128" - 128"	130" - 130"	132" - 132"	134" - 134"
106 TO 108	112" - 112"	114" - 114"	116" - 116"	118" - 118"	120" - 120"	122" - 122"	124" - 124"	126" - 126"	128" - 128"	130" - 130"	132" - 132"	134" - 134"	136" - 136"
108 TO 110	114" - 114"	116" - 116"	118" - 118"	120" - 120"	122" - 122"	124" - 124"	126" - 126"	128" - 128"	130" - 130"	132" - 132"	134" - 134"	136" - 136"	138" - 138"
110 TO 112	116" - 116"	118" - 118"	120" - 120"	122" - 122"	124" - 124"	126" - 126"	128" - 128"	130" - 130"	132" - 132"	134" - 134"	136" - 136"	138" - 138"	140" - 140"
112 TO 114	118" - 118"	120" - 120"	122" - 122"	124" - 124"	126" - 126"	128" - 128"	130" - 130"	132" - 132"	134" - 134"	136" - 136"	138" - 138"	140" - 140"	142" - 142"
114 TO 116	120" - 120"	122" - 122"	124" - 124"	126" - 126"	128" - 128"	130" - 130"	132" - 132"	134" - 134"	136" - 136"	138" - 138"	140" - 140"	142" - 142"	144" - 144"
116 TO 118	122" - 122"	124" - 124"	126" - 126"	128" - 128"	130" - 130"	132" - 132"	134" - 134"	136" - 136"	138" - 138"	140" - 140"	142" - 142"	144" - 144"	146" - 146"
118 TO 120	124" - 124"	126" - 126"	128" - 128"	130" - 130"	132" - 132"	134" - 134"	136" - 136"	138" - 138"	140" - 140"	142" - 142"	144" - 144"	146" - 146"	148" - 148"
120 TO 122	126" - 126"	128" - 128"	130" - 130"	132" - 132"	134" - 134"	136" - 136"	138" - 138"	140" - 140"	142" - 142"	144" - 144"	146" - 146"	148" - 148"	150" - 150"
122 TO 124	128" - 128"	130" - 130"	132" - 132"	134" - 134"	136" - 136"	138" - 138"	140" - 140"	142" - 142"	144" - 144"	146" - 146"	148" - 148"	150" - 150"	152" - 152"
124 TO 126	130" - 130"	132" - 132"	134" - 134"	136" - 136"	138" - 138"	140" - 140"	142" - 142"	144" - 144"	146" - 146"	148" - 148"	150" - 150"	152" - 152"	154" - 154"
126 TO 128	132" - 132"	134" - 134"	136" - 136"	138" - 138"	140" - 140"	142" - 142"	144" - 144"	146" - 146"	148" - 148"	150" - 150"	152" - 152"	154" - 154"	156" - 156"
128 TO 130	134" - 134"	136" - 136"	138" - 138"	140" - 140"	142" - 142"	144" - 144"	146" - 146"	148" - 148"	150" - 150"	152" - 152"	154" - 154"	156" - 156"	158" - 158"
130 TO 132	136" - 136"	138" - 138"	140" - 140"	142" - 142"	144" - 144"	146" - 146"	148" - 148"	150" - 150"	152" - 152"	154" - 154"	156" - 156"	158" - 158"	160" - 160"
132 TO 134	138" - 138"	140" - 140"	142" - 142"	144" - 144"	146" - 146"	148" - 148"	150" - 150"	152" - 152"	154" - 154"	156" - 156"	158" - 158"	160" - 160"	162" - 162"
134 TO 136	140" - 140"	142" - 142"	144" - 144"	146" - 146"	148" - 148"	150" - 150"	152" - 152"	154" - 154"	156" - 156"	158" - 158"	160" - 160"	162" - 162"	164" - 164"
136 TO 138	142" - 142"	144" - 144"	146" - 146"	148" - 148"	150" - 150"	152" - 15							



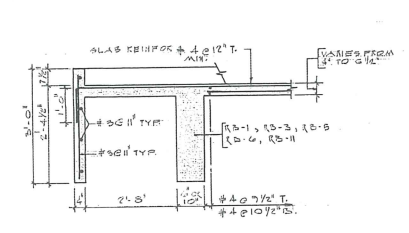
STRUCTURAL ROOF PLAN
SCALE 1/8" = 1' - 0"

LEGEND:
 [Symbol] NEW CONSTRUCTION
 [Symbol] EXIST. CONSTRUCTION TO REMAIN

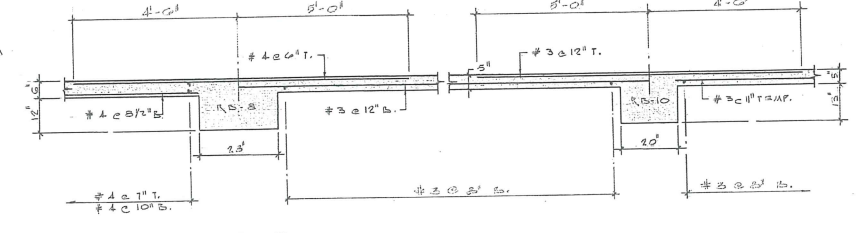
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO. DATE BY DESCRIPTION REVISIONS	
MARTINEZ & COSTA & ASSOCIATES ARCHITECTS 4322		EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER ADJUNTAS PUERTO RICO	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS	DATE:	DRAWN BY:	DRAWING NUMBER S-3
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.	DATE:	TRACED BY:	19-50
		CHECKED BY:	TOTAL OF SHTS. PROJECT NO.



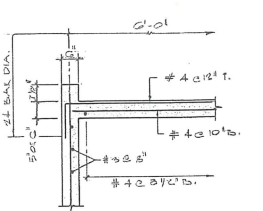
SECTION 3/4 1/1
SCALE: 1/2" = 1' - 0"



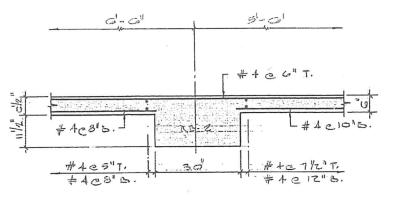
SECTION 3/4 2/2
SCALE: 1/2" = 1' - 0"



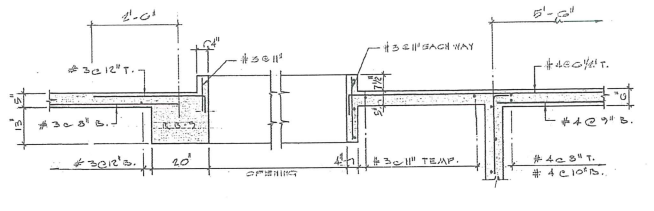
SECTION 3/4 3/3
SCALE: 1/2" = 1' - 0"



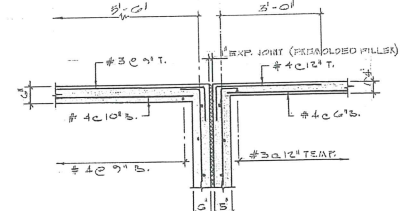
SECTION 3/4 4/4
SCALE: 1/2" = 1' - 0"



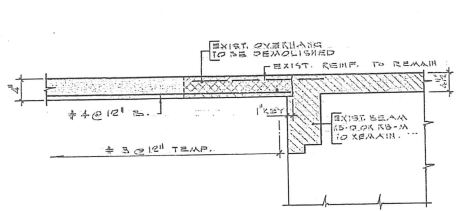
SECTION 3/4 5/5
SCALE: 1/2" = 1' - 0"



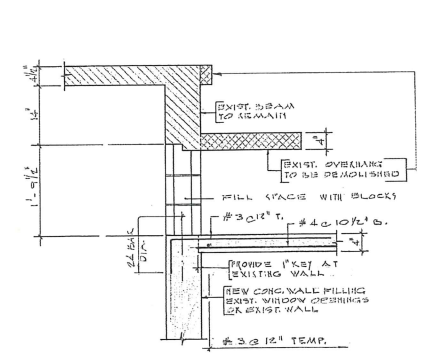
SECTION 3/4 6/6
SCALE: 1/2" = 1' - 0"



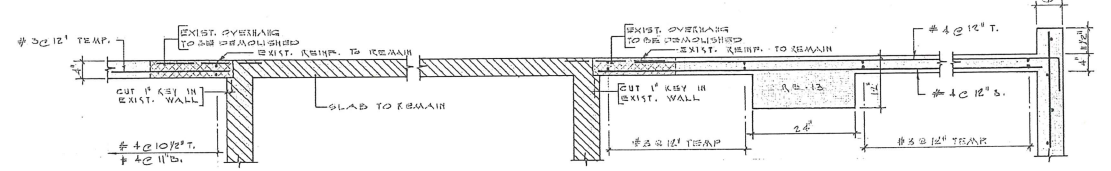
SECTION 3/4 7/7
SCALE: 1/2" = 1' - 0"



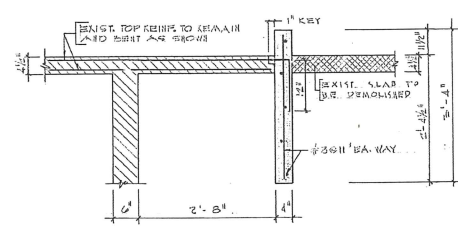
SECTION 3/4 8/8
SCALE: 3/4" = 1' - 0"



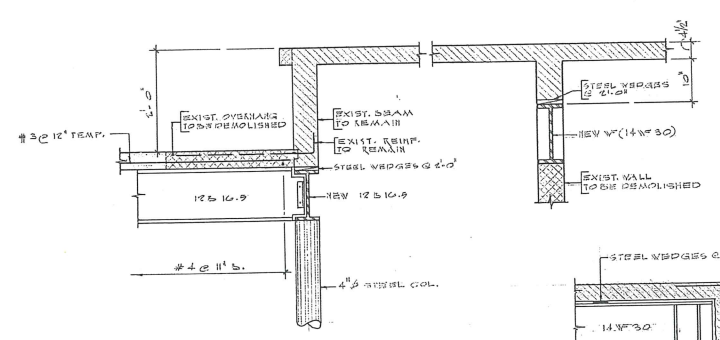
SECTION 3/4 9/9
SCALE: 3/4" = 1' - 0"



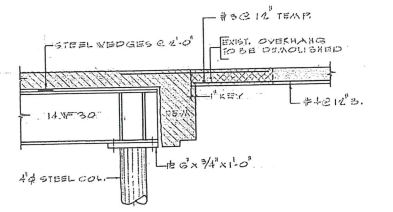
SECTION 3/4 10/10
SCALE: 3/4" = 1' - 0"



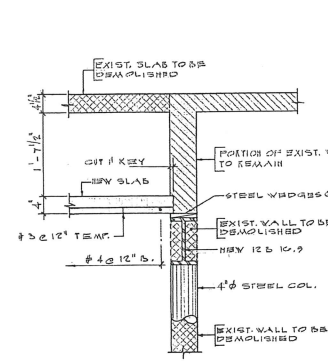
SECTION 3/4 11/11
SCALE: 3/4" = 1' - 0"



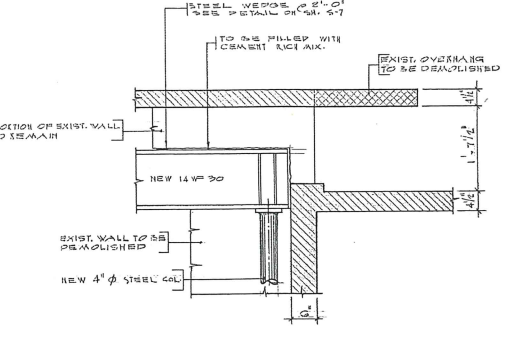
SECTION 3/4 12/12
SCALE: 3/4" = 1' - 0"



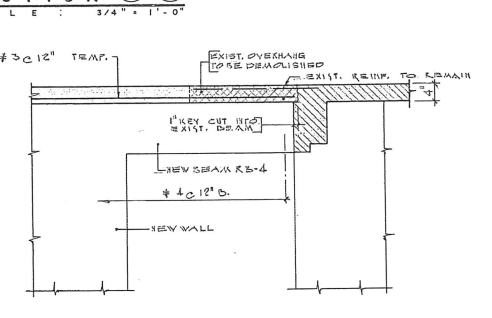
SECTION 3/4 13/13
SCALE: 3/4" = 1' - 0"



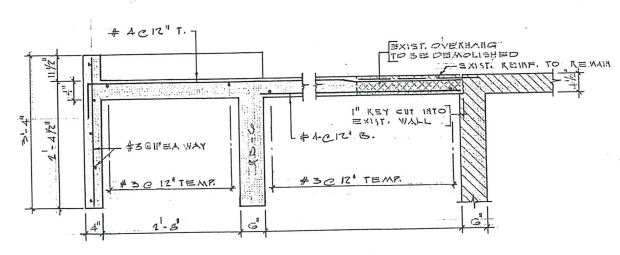
SECTION 3/4 14/14
SCALE: 3/4" = 1' - 0"



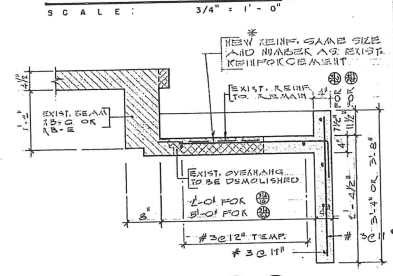
SECTION 3/4 15/15
SCALE: 3/4" = 1' - 0"



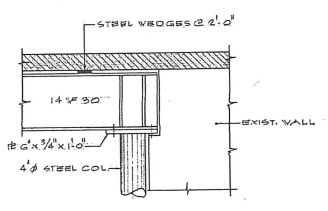
SECTION 3/4 16/16
SCALE: 3/4" = 1' - 0"



SECTION 3/4 17/17
SCALE: 3/4" = 1' - 0"



SECTION 3/4 18/18
SCALE: 3/4" = 1' - 0"



SECTION 3/4 19/19
SCALE: 3/4" = 1' - 0"

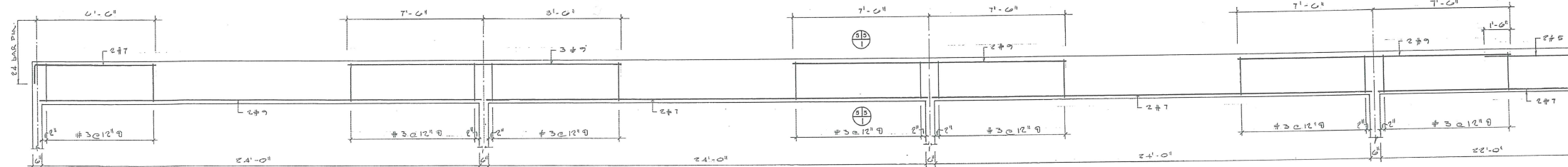
NOTES ON THE DEMOLITION AND CONSTRUCTION IN EXISTING AREA (SEE SECTIONS 3/4 17/17, 3/4 18/18, 3/4 19/19)

1. THE CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH THE WORK TO BE DONE.
2. ADEQUATE TEMPORARY SHORING SHALL BE PROVIDED AT BOTH SIDES OF WALLS TO BE DEMOLISHED UNTIL PERMANENT SUPPORT IS PROVIDED.
3. THE UNDERSIDE OF WALLS OF SLABS TO BE IN CONTACT WITH STEEL BEAMS SHALL BE MADE SMOOTH WITH A RICH CEMENT GROUT.
4. STEEL WEDGES SHALL BE PLACED ON BOTH SIDES OF STEEL BEAM (AS SHOWN IN PLANS) AFTER THE STEEL BEAM IS IN PLACE AND PROPERLY FASTENED TO THE STEEL COL. (SEE SHEET 6-T)
5. THE CONTRACTOR SHALL WORK WITH CAUTION WHEN DEMOLISHING SECTIONS OF THE EXISTING STRUCTURE AND SHALL INFORM THE ENGINEER OF ANY UNUSUAL CONDITION ENCOUNTERED.

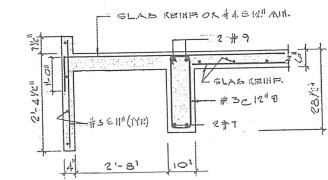
* NOTE:
CONTRACTOR SHALL VERIFY THAT EXISTING REINFORCING IS #3@12" MINIMUM FOR 2'-0" CANTILEVER AND #4@8" FOR 3'-0" CANTILEVER AND THAT IT IS PLACED AT 3/4" FROM THE TOP OF THE SLAB.

LEGEND:
 ——— NEW CONCRETE
 ——— EXIST. CONC. TO REMAIN
 - - - - - EXIST. CONC. TO BE DEMOLISHED

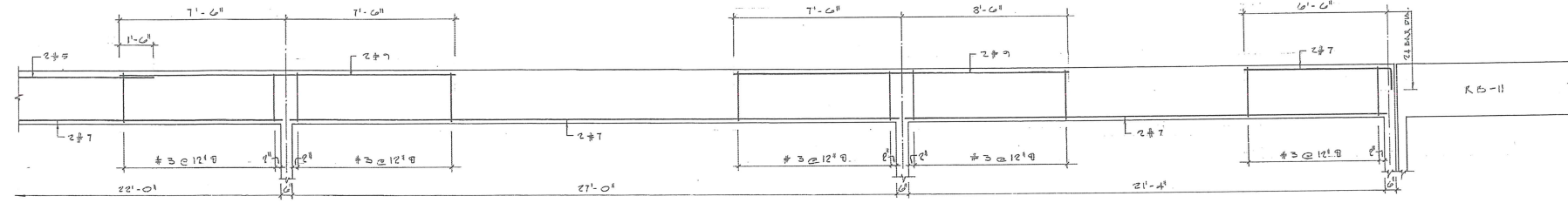
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO. DATE BY DESCRIPTION REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		ADJUNTAS PUERTO RICO	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS	DATE: 4-22-77	DRAWING NUMBER	5-4
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.	DATE:	DRAWN BY:	20-50
		TRACED BY:	TOTAL OF SHEETS
		CHECKED BY:	PROJECT NO.



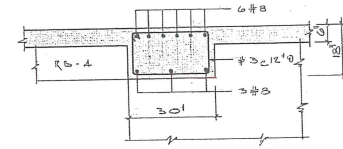
BEAM RB-1
SCALE: 3/8" = 1'-0"



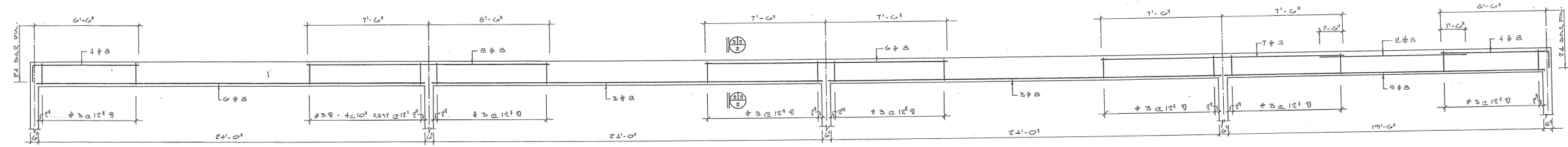
SECTION 1/1
SCALE: 1/2" = 1'-0"



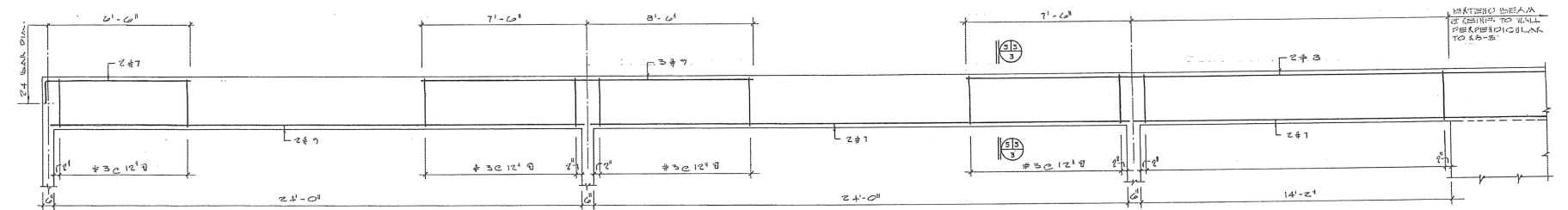
BEAM RB-1
SCALE: 3/8" = 1'-0"



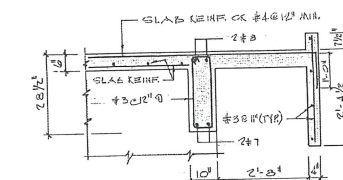
SECTION 1/2
SCALE: 1/2" = 1'-0"



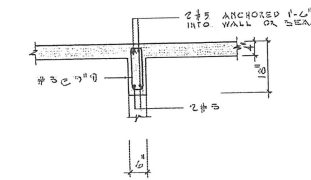
BEAM RB-2
SCALE: 3/8" = 1'-0"



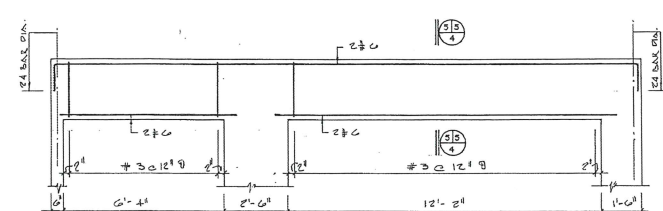
BEAM RB-3
SCALE: 3/8" = 1'-0"



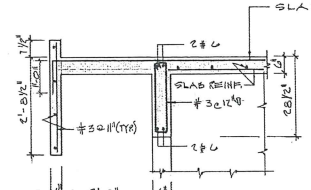
SECTION 3/3
SCALE: 1/2" = 1'-0"



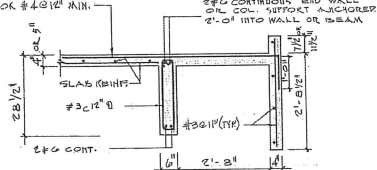
SECTION OF BEAM RB-4
SCALE: 1/2" = 1'-0"



BEAM RB-5
SCALE: 3/8" = 1'-0"

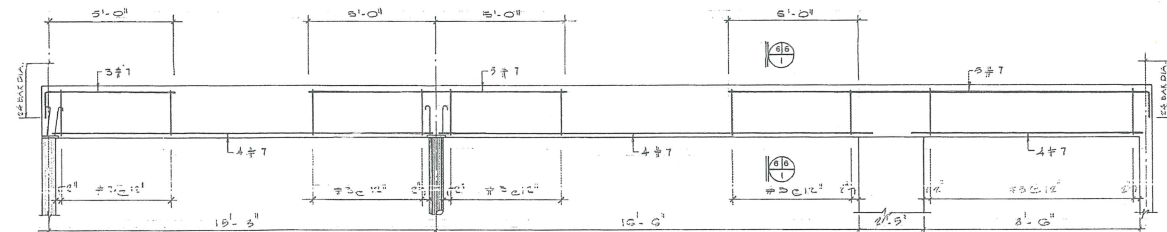


SECTION 4/4
SCALE: 1/2" = 1'-0"

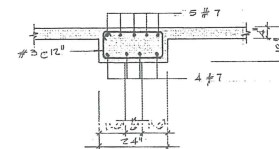


SECTION OF BEAM RB-6
SCALE: 1/2" = 1'-0"

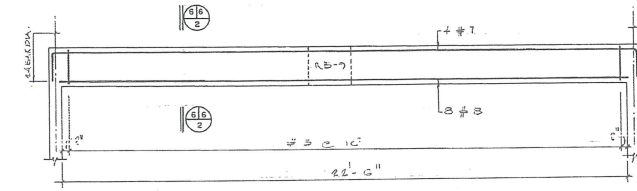
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO. DATE BY DESCRIPTION	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		REVISIONS	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS		ADJUNTAS PUERTO RICO	
SUBMITTED BY:		DATE:	
CHIEF OF ARCHITECTURAL SECT.		DRAWN BY:	
CHECKED BY:		TRACED BY:	
PROJECT NO.		DRAWING NUMBER	
4222		S-5	
		21-50	
		TOTAL OF SHTS.	
		PROJECT NO.	



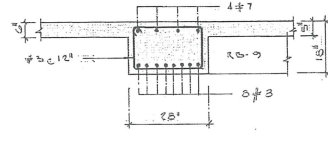
BEAM RB-7
SCALE: 3/8" = 1'-0"



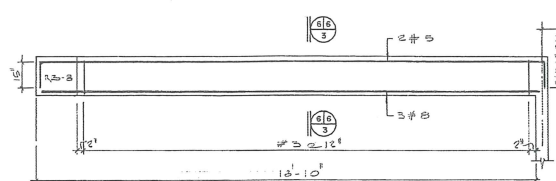
SECTION
SCALE: 1/2" = 1'-0"



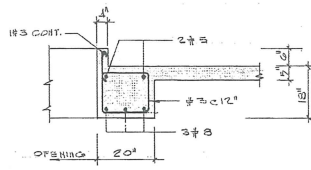
BEAM RB-8
SCALE: 3/8" = 1'-0"



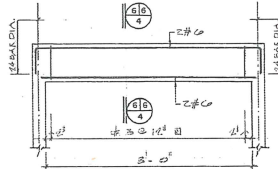
SECTION
SCALE: 1/2" = 1'-0"



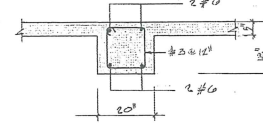
BEAM RB-9
SCALE: 3/8" = 1'-0"



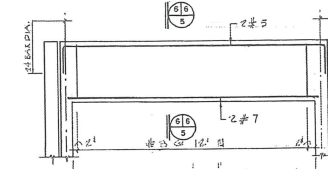
SECTION
SCALE: 1/2" = 1'-0"



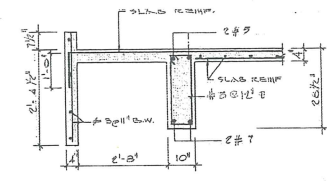
BEAM RB-10
SCALE: 3/8" = 1'-0"



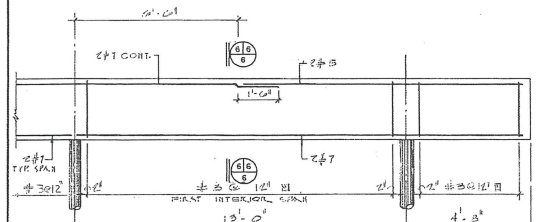
SECTION
SCALE: 1/2" = 1'-0"



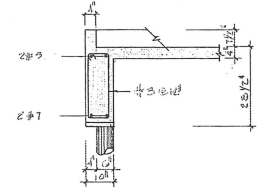
BEAM RB-11
SCALE: 3/8" = 1'-0"



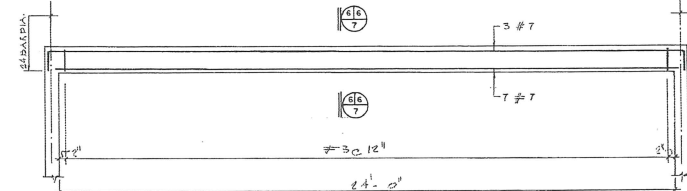
SECTION
SCALE: 1/2" = 1'-0"



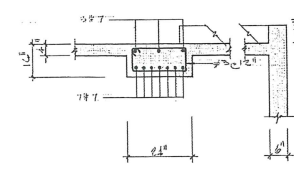
BEAM RB-12
SCALE: 3/8" = 1'-0"



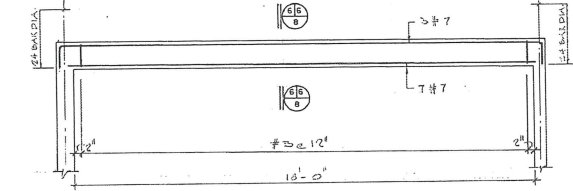
SECTION
SCALE: 1/2" = 1'-0"



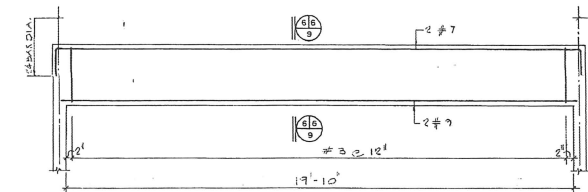
BEAM RB-13
SCALE: 3/8" = 1'-0"



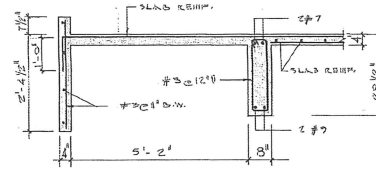
SECTION
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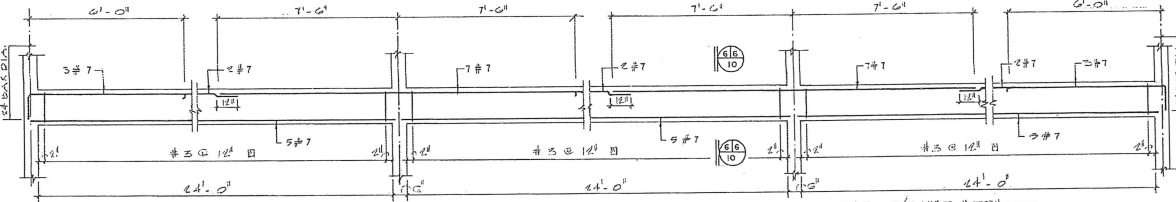
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SCALE: 3/8" = 1'-0"



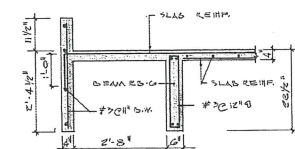
BEAM RB-15
SCALE: 3/8" = 1'-0"



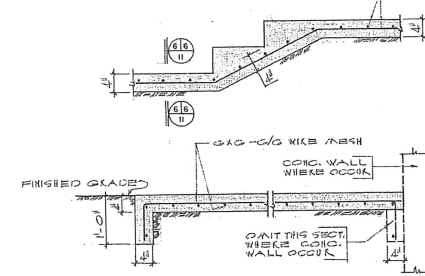
SECTION
SCALE: 1/2" = 1'-0"



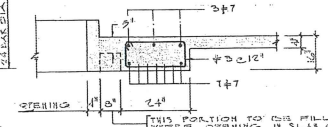
BEAM FB-1
SCALE: 3/8" = 1'-0"



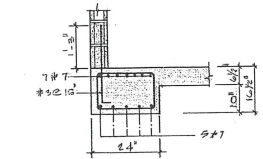
SECTION
SCALE: 1/2" = 1'-0"



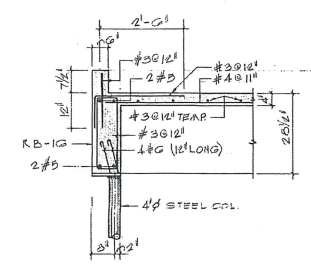
TYPICAL SIDEWALK STAIR DETAIL
SCALE: 3/4" = 1'-0"



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

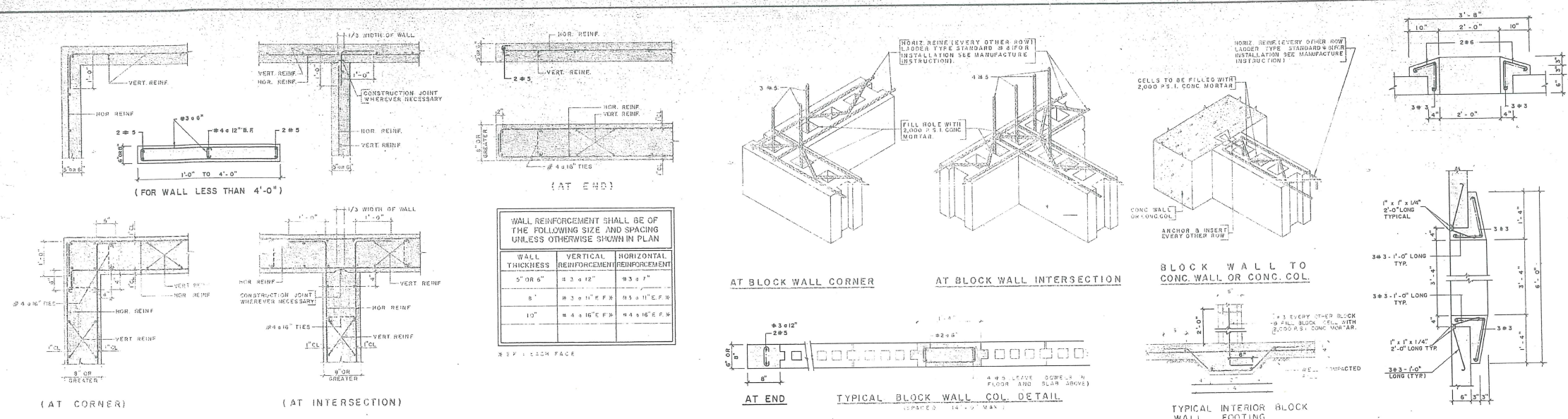


SECTION
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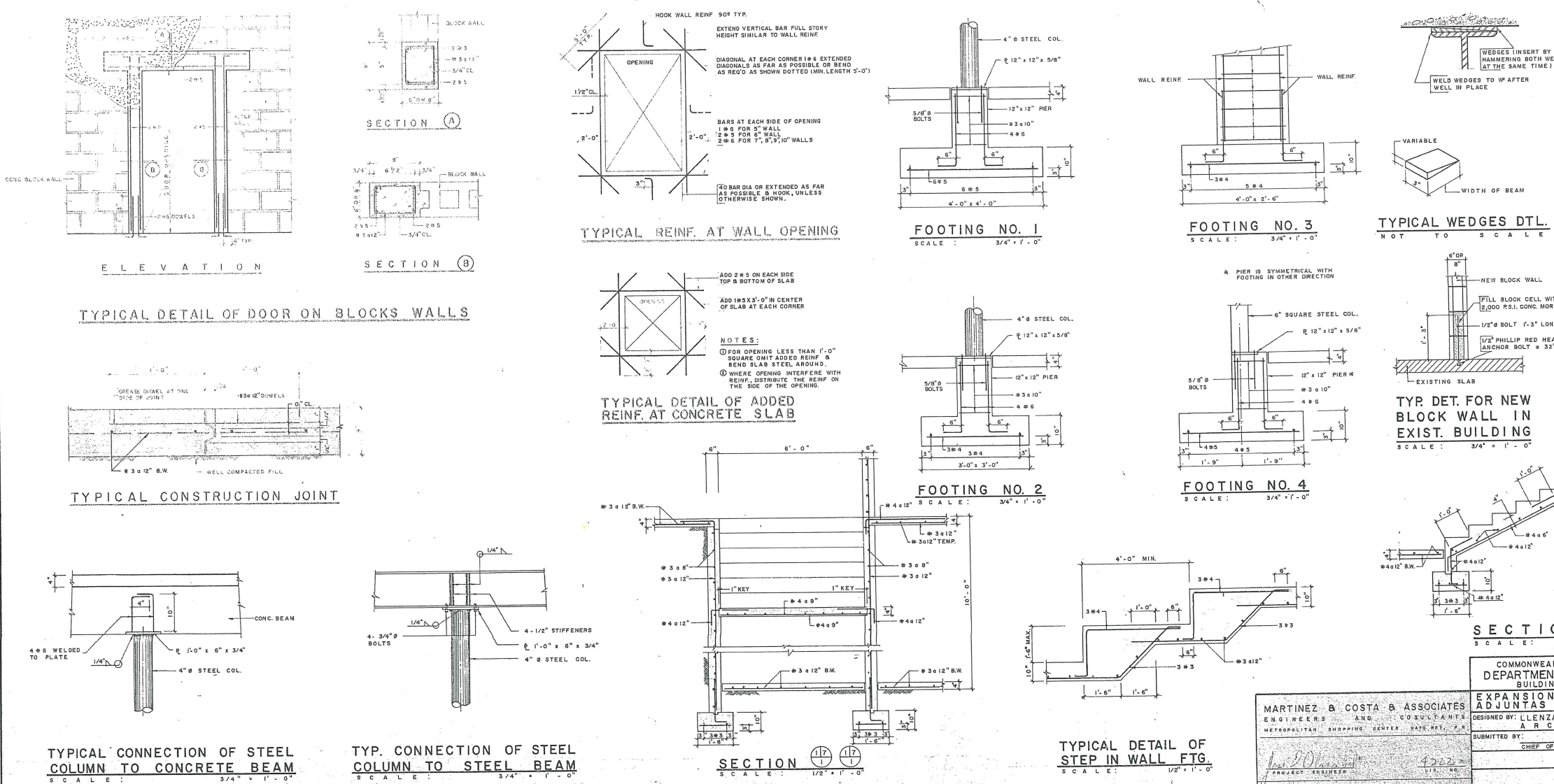
SECTION
SCALE: 1/2" = 1'-0"

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO. DATE BY DESCRIPTION REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		ADJUNTAS PUERTO RICO	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS		DATE:	DRAWING NUMBER S-6
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.		DATE:	TRACED BY:
CHECKED BY:		DATE:	TOTAL OF SHTS. 22 - 50
PROJECT NO.		PROJECT NO.	

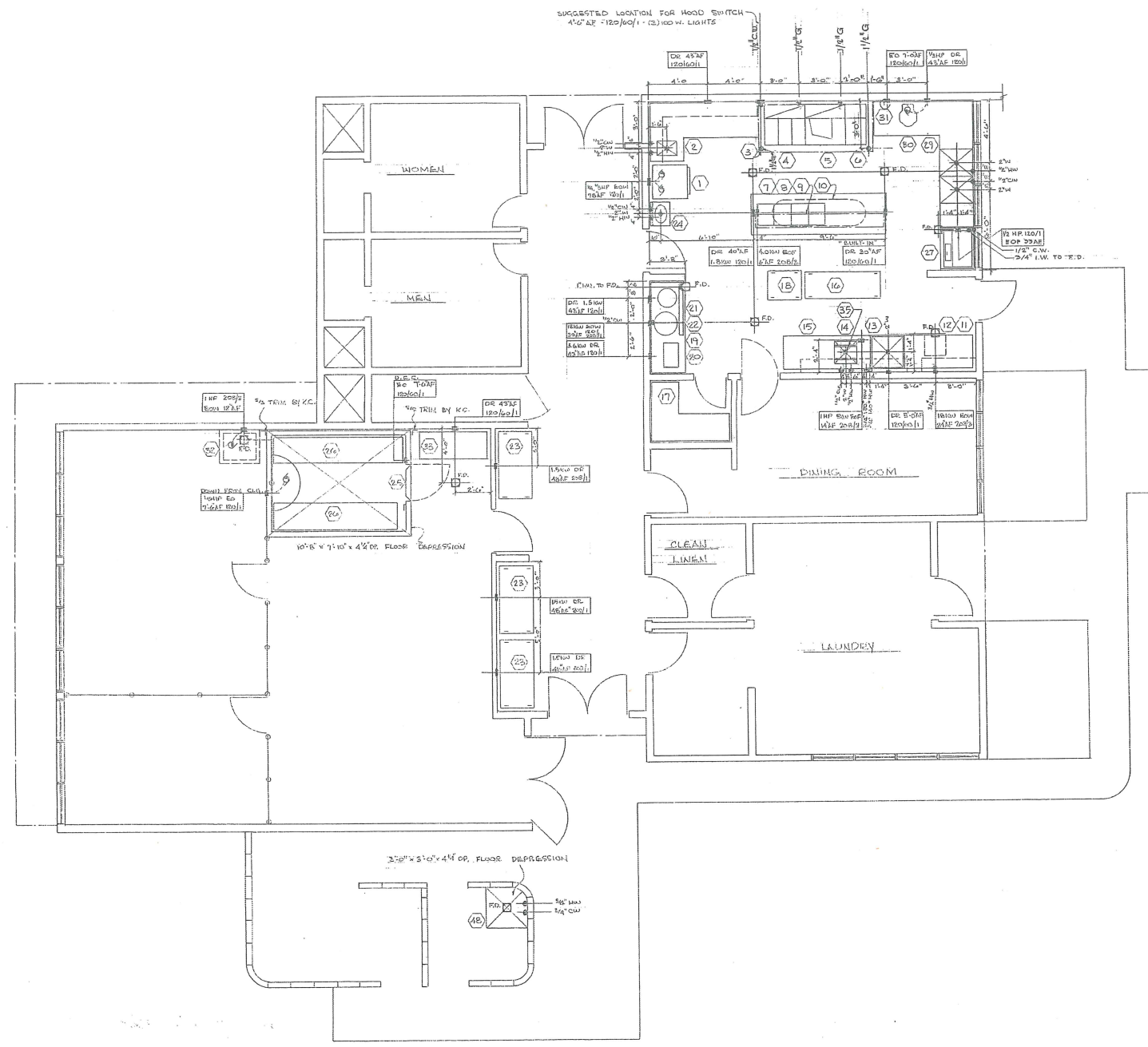
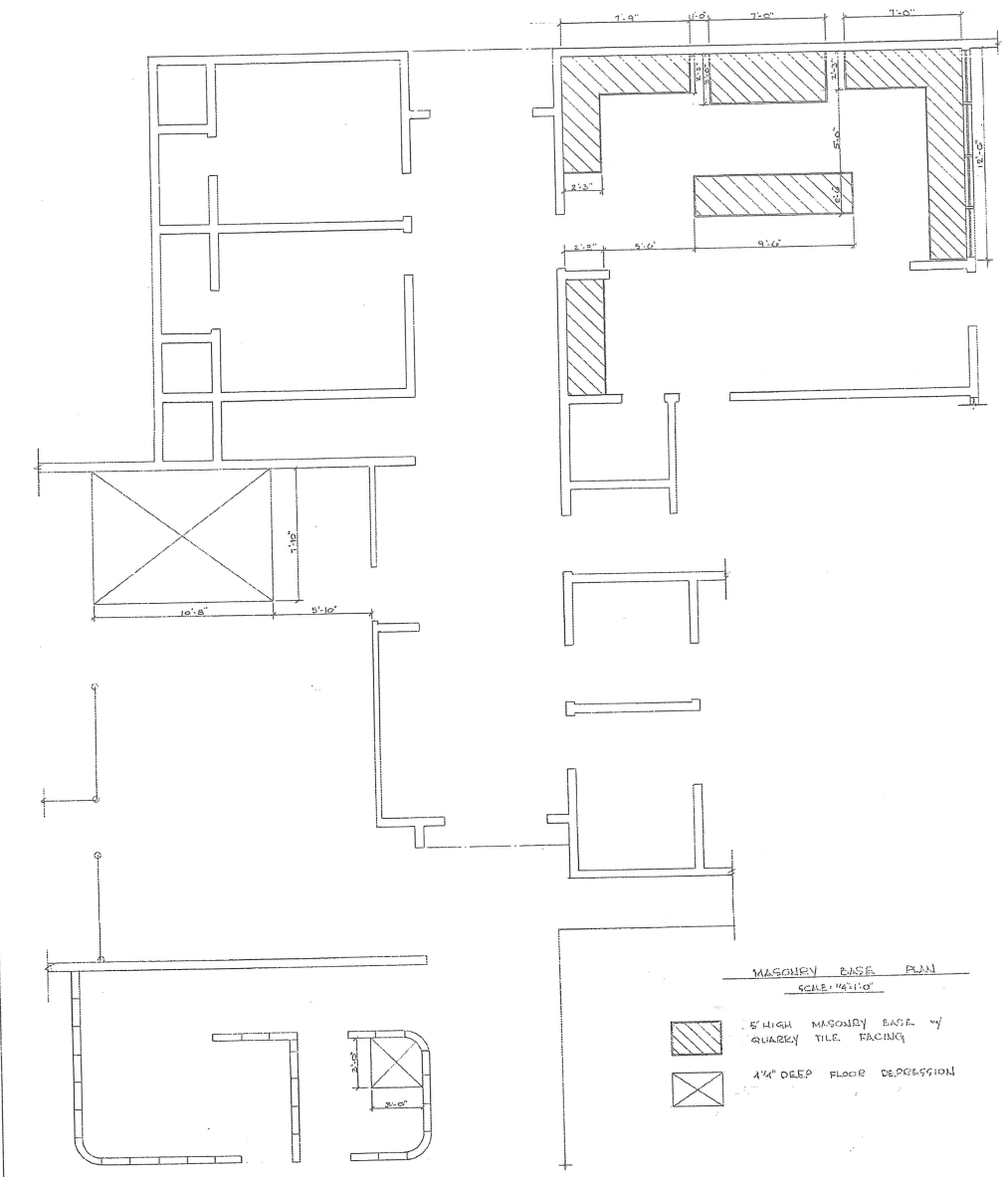


GENERAL NOTES

- ALL SYMBOLS AND WORKING STRENGTHS AS WELL AS ALL CONCRETE WORK SHALL CONFORM TO THE STANDARDS OF THE AMERICAN CONCRETE INSTITUTE.
- UNLESS OTHERWISE SPECIFIED, ALL CONCRETE SHALL DEVELOP THE FOLLOWING COMPRESSIVE STRENGTH AT 28 DAYS:
FOOTINGS 3,000 P.S.I.
COLUMNS 3,000 P.S.I.
BEAMS & SLABS 2,000 P.S.I.
ALL OTHERS 2,000 P.S.I.
- UNLESS OTHERWISE INDICATED, ALL REINFORCING BARS SHALL BE DEFORMED, INTERMEDIATE GRADE NEW BARS SPECIFIED IN ACCORDANCE WITH THE LATEST A.S.T.M. SPECIFICATIONS.
- ALL SLABS AND CORRESPONDING BEAMS SHALL BE CAST MONOLITHICALLY, UNLESS OTHERWISE SHOWN.
- ALL BENDING, LAPPING AND PLACING OF REINFORCEMENT SHALL BE DONE IN ACCORDANCE WITH A.C.I. 318 BUILDING CODE, LATEST EDITION.
- ALL SLEEVES, JOINTS, INSERTS AND BOLTS SHALL BE IN PLACE BEFORE CONCRETE IS POURED, FOR CONCRETE OPERATIONS AND FEATURES NOT SHOWN ON STRUCTURAL DRAWINGS, SEE ARCHITECTURAL DRAWINGS.
- UNLESS OTHERWISE SPECIFIED, STRUCTURAL STEEL SHALL CONFORM TO A.S.T.M. SPECIFICATIONS, DESIGNATION A-36, LATEST EDITION.
- MANUFACTURED OR FABRICATED STRUCTURAL STEEL OR CONCRETE ITEMS SHALL BE ERECTED IN ACCORDANCE WITH THE APPROVED SHOP AND ERECTION ORDERS, FOLLOWING THE DETAILS SHOWN ON PLANS.
- REINFORCEMENT SHALL BE DONE IN ACCORDANCE WITH SPECIFICATIONS OF THE AMERICAN WELDING SOCIETY.
- TEMPERATURE REINFORCEMENT SHALL BE PROVIDED FOR CONCRETE IN ACCORDANCE WITH THE A.C.I. 318 BUILDING CODE, LATEST EDITION.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PRODUCE CORRECTLY ALIGNED CONCRETE, CONSIDERING, AMONG OTHERS, THE ELASTIC DEFORMATION OF THE STRUCTURAL MEMBERS.
- ALL FLOOR SLABS ON FILL OR GRADE SHALL BE 4" THICK AND REINFORCED WITH #3 @ 12" O.C. 30TH DAYS, UNLESS OTHERWISE SPECIFIED.
- FILL UNDER SLABS SHALL BE COMPACTED SO AS TO OBTAIN AN ALLOWABLE BEARING VALUE OF 2,000 P.S.I.
- HOOKS SHOWN ARE SCHEMATIC AND ONLY INDICATE LOCATION WHERE BARS ARE DISCONTINUED.
- CONTRACTOR SHALL SUBMIT FOR OWNER'S APPROVAL LOCATION AND DETAILS OF CONSTRUCTION JOINTS IN SLABS & BEAMS.
- CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE AS FOLLOWS UNLESS OTHERWISE SHOWN ON PLANS:
SLABS & WALLS 3/4" #2
BEAMS & COLUMNS 1 1/2" #2
FOOTINGS 3"
- ALL NEGATIVE REINFORCEMENT (TOP REINF.) & POSITIVE REINFORCEMENT (BOTTOM REINF.) IN SLABS & BEAMS SHALL BE EXTENDED BEYOND THE 4' OF THE END SUPPORT IN ACCORDANCE WITH A.C.I. 318 UNLESS OTHERWISE SHOWN IN PLANS.
- DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, LATEST EDITION.
- DESIGN, MANUFACTURE AND INSTALLATION OF STEEL JOISTS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR OPEN WEB STEEL JOISTS OF THE OPEN WEB STEEL JOIST INSTITUTE.
- DESIGN LIVE LOADS:
HOSPITAL WARD, BEDROOMS & ALL ADJOINING SERVICE ROOMS 40 P.S.F.
LABORATORIES & OPERATING ROOMS 60 P.S.F.
PUBLIC AREA 80 P.S.F.
STAIRWAYS & CORRIDORS 100 P.S.F.
STORAGE AREA & MECH. ROOMS 100 P.S.F.
- 2- NUMBER OF PAGE WHERE SECTION IS MARKED
3- NUMBER OF PAGE WHERE SECTION IS DRAWN
4- NUMBER OF SECTION
- FOOTING HAVE BEEN DESIGNED FOR AN ALLOWABLE SOIL BEARING CAPACITY OF 2,000 P.S.F. WITH THE BASES OF THE ISOLATED FOOTINGS LOCATED AT DEPTH OF 3'-0" BELOW THE EXISTING GROUND SURFACE, PREVAILING DURING INVESTIGATION IN ACCORDANCE WITH THE SUBSOIL INVESTIGATION PERFORMED BY THE DIVISION OF ING. HECTOR L. DE JESUS, CHIEF OF SOIL AND GEOLOGY OF THE DEPARTMENT OF PUBLIC WORKS DATED OCT. 30, 1970.
- FILL MATERIAL SHALL BE PLACED IN LAYERS NOT EXCEEDING SIX INCHES AND COMPACTED TO NOT LESS THAN 90 PERCENT OF THE MAXIMUM DRY DENSITY OBTAINED ON REPRESENTATIVE SAMPLE OF THE FILL MATERIAL COMPACTED IN THE LABORATORY BY THE MODIFIED PROCTOR METHOD.



COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DIVISION		NO. DATE BY DESCRIPTION	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		REVISIONS	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS		DATE:	DRAWING NUMBER
SUBMITTED BY:		DATE:	23 - 49
CHIEF OF ARCHITECTURAL SECT.		TRACED BY:	TOTAL OF SHTS
		CHECKED BY:	PROJECT NO.



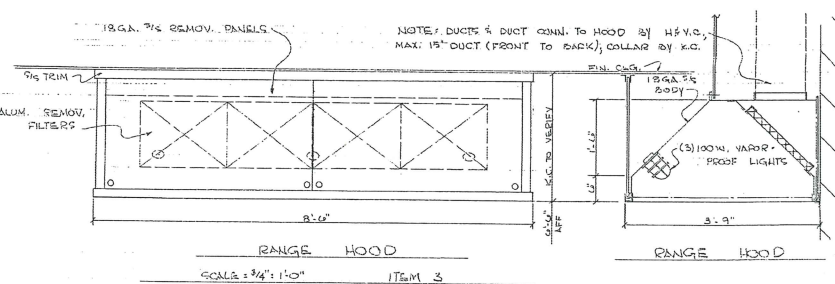
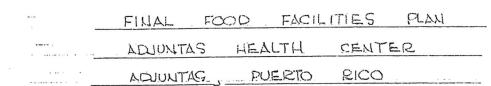
FINAL FOOD FACILITIES PLAN
 ADJUNTAS HEALTH CENTER
 ADJUNTAS, PUERTO RICO



DESIGNED BY: LLENZA & LLENZA ARCHITECTS
 SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.
 12-7-70
 4'-0" x 10'-0"
 RSH

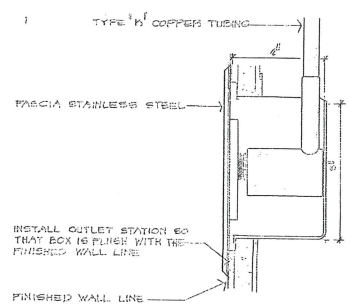
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		ADJUNTAS PUERTO RICO		DATE	DESCRIPTION
DESIGNED BY: LLENZA & LLENZA ARCHITECTS		DATE		DRAWING NUMBER	
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.		DATE		DRAWN BY:	
KITCHEN EQUIPMENT LAYOUT		CHECKED BY:		24 - 50 TOTAL OF SHTS.	
				PROJECT NO.	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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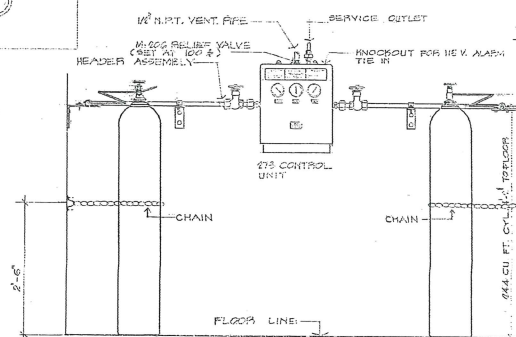


COMMONWEALTH OF PUERTO RICO		NO		DATE	BY	DESCRIPTION
DEPARTMENT OF PUBLIC WORKS		R E V I S I O N S				
BUILDING DESIGN DIVISION		ADJUSTAS HEALTH CENTER				
EXPANSION & REMODELING OF		PUERTO RICO				
DESIGNED BY: LLENZA & LLENZA		DATE		DRAWING NUMBER		
ARCHITECTS		DRAWN BY:		K - 2		
SUBMITTED BY:		TRACED BY:		25 - 50		
CHIEF OF ARCHITECTURAL SECT		DATE		TOTAL OF SHEETS		
KITCHEN EQUIPMENT SCHEDULE		CHECKED BY:		PROJECT NO.		

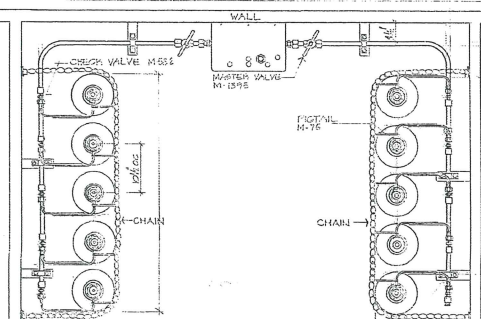
LEGEND:
 O OXIGEN LINE
 V VACUUM LINE
 O OXIGEN OUTLET
 V VACUUM OUTLET
 N NITROUS OXIDE



INSTALLATION OF OUTLET



DETAIL "A"



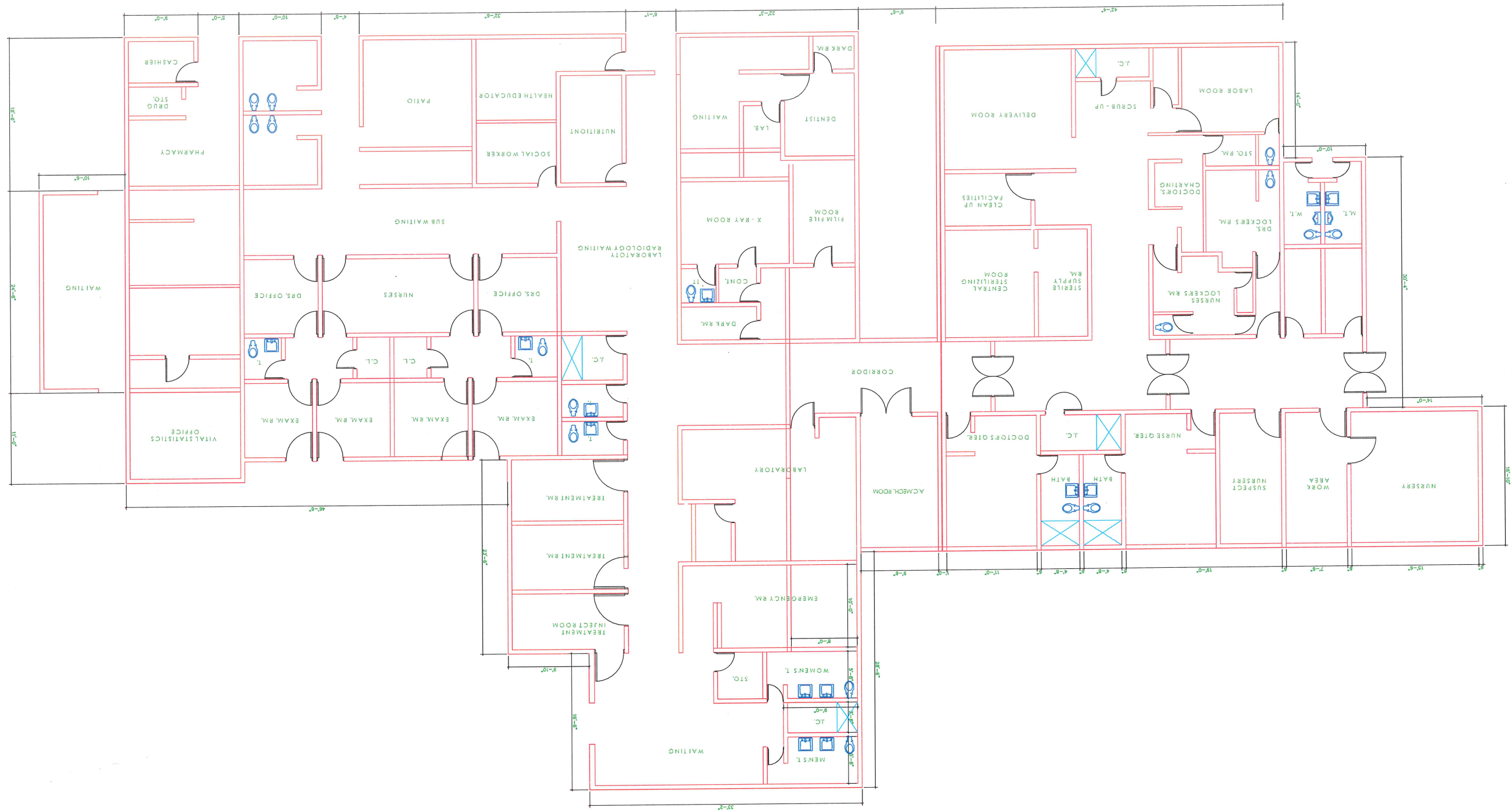
DETAIL "A"

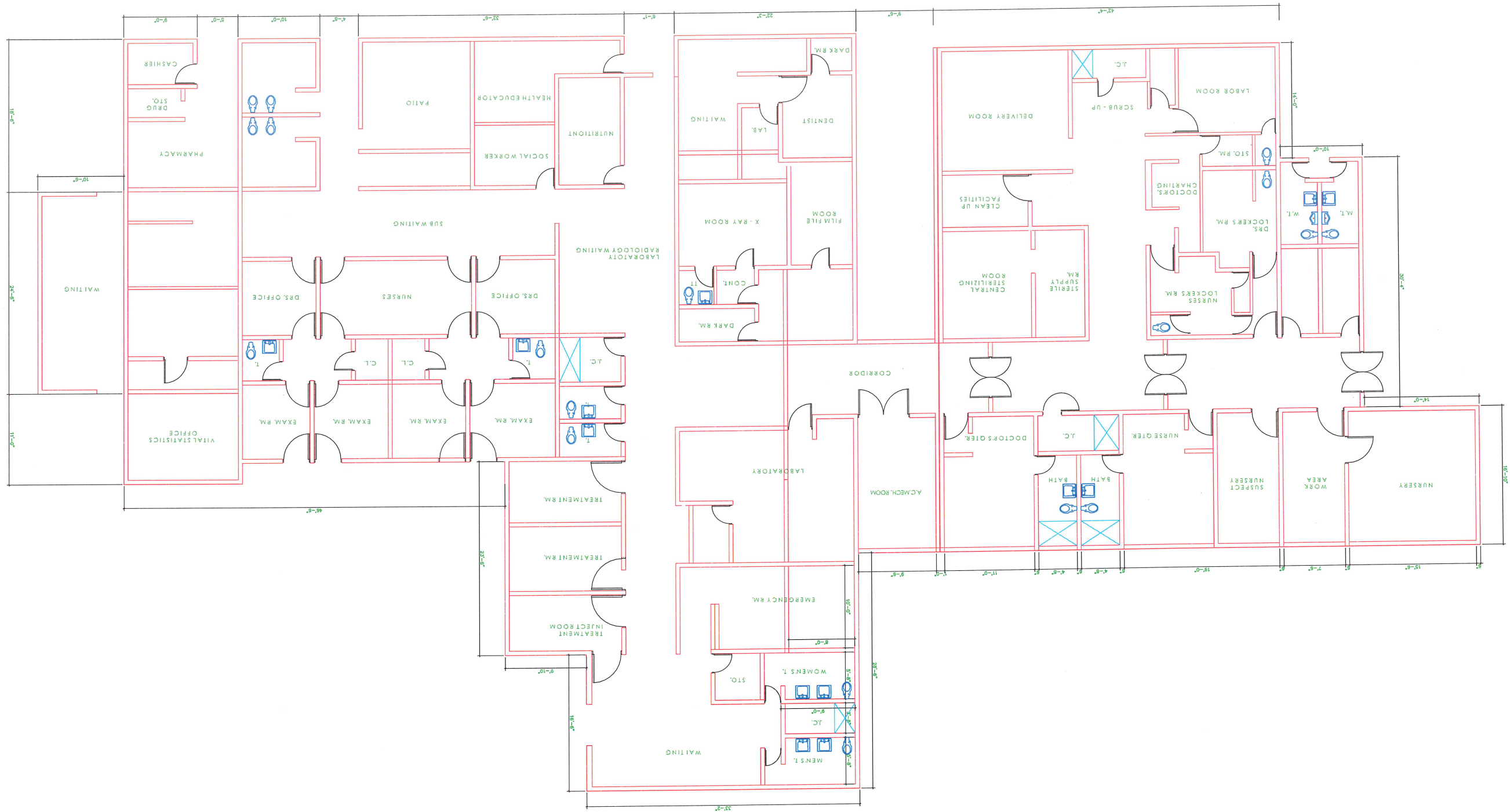
OXYGEN AND VACUUM SYSTEMS LAYOUT SCALE: 1/8"=1'-0"

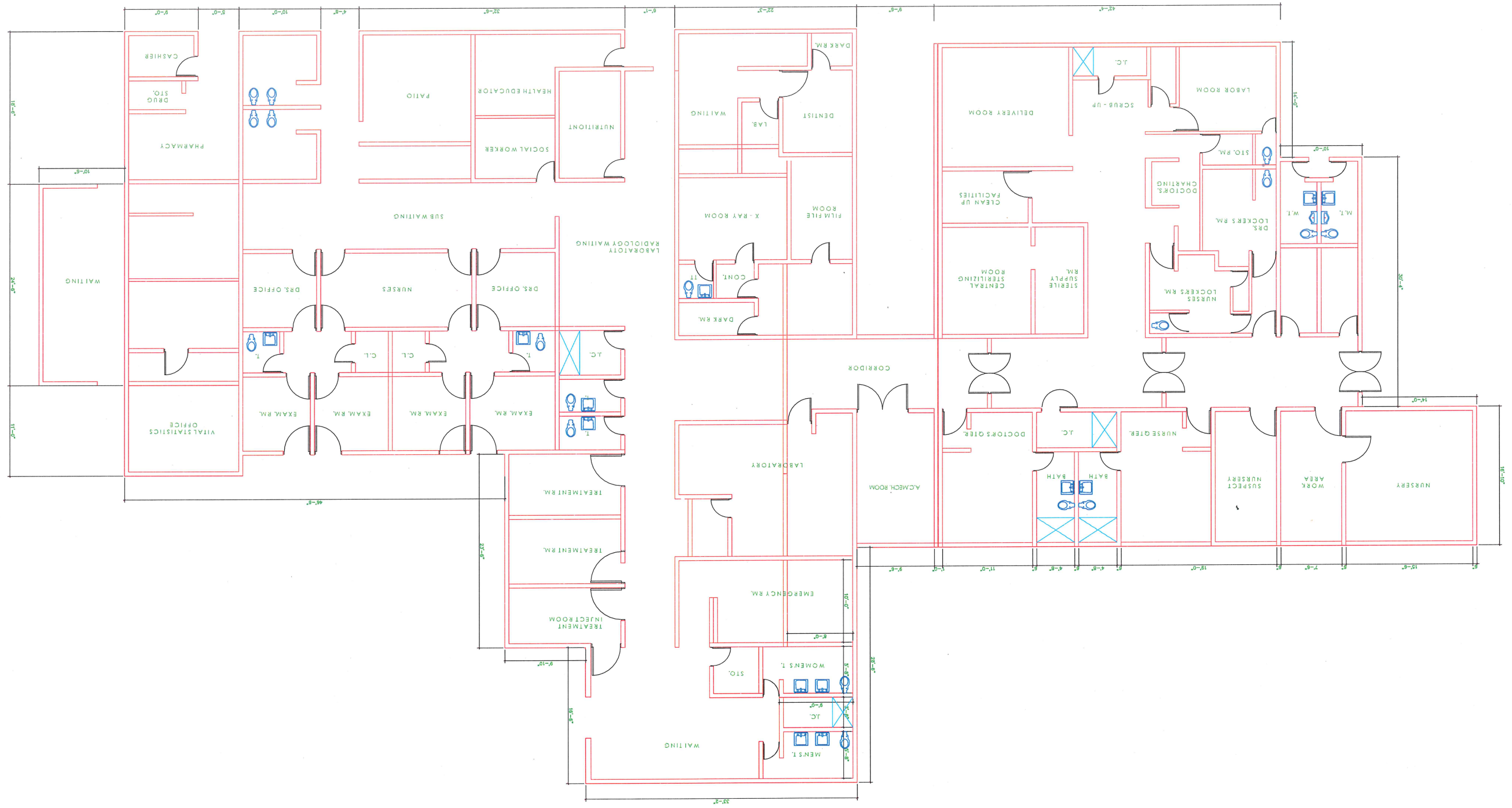
KEY PLAN SCALE: 1:1,000

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				REVISIONS	
NO.	DATE	BY	DESCRIPTION		
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER PUERTO RICO				ADJUNTAS PUERTO RICO	
DESIGNED BY	LENZA & LENZA ARCHITECTS	DATE		DRAWN BY:	G-1
SUBMITTED BY:	CHIEF OF ARCHITECTURAL SECT.	DATE		TRACED BY:	26-50
				CHECKED BY:	TOTAL OF SHES
					PROJECT NO.

VALENCIA VECCHINI & ASSOCIATES
 CONSULTING ENGINEERS
 SAN JUAN, PUERTO RICO
 APPROVED: VALENCIA VECCHINI P.E. 2122



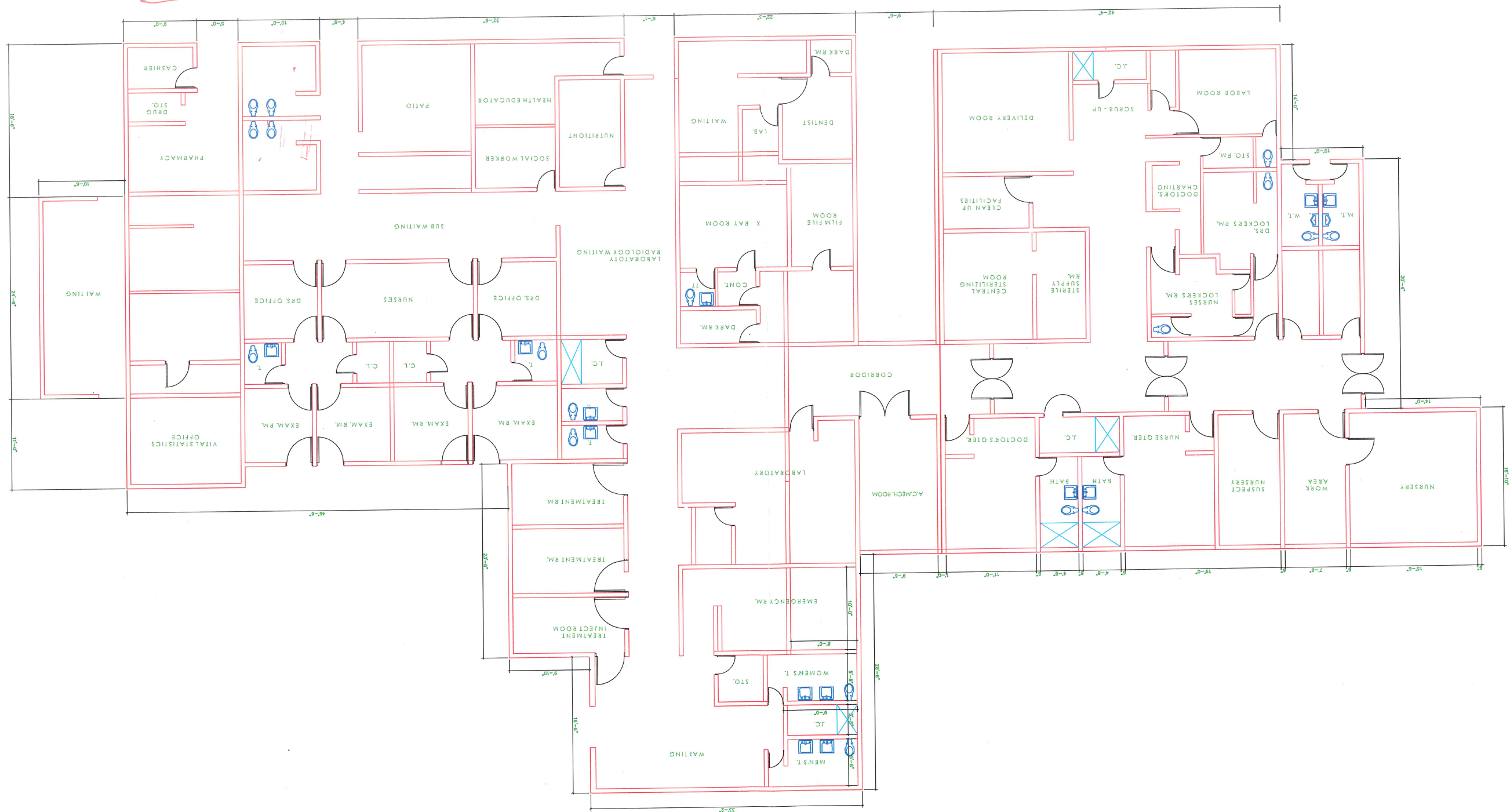


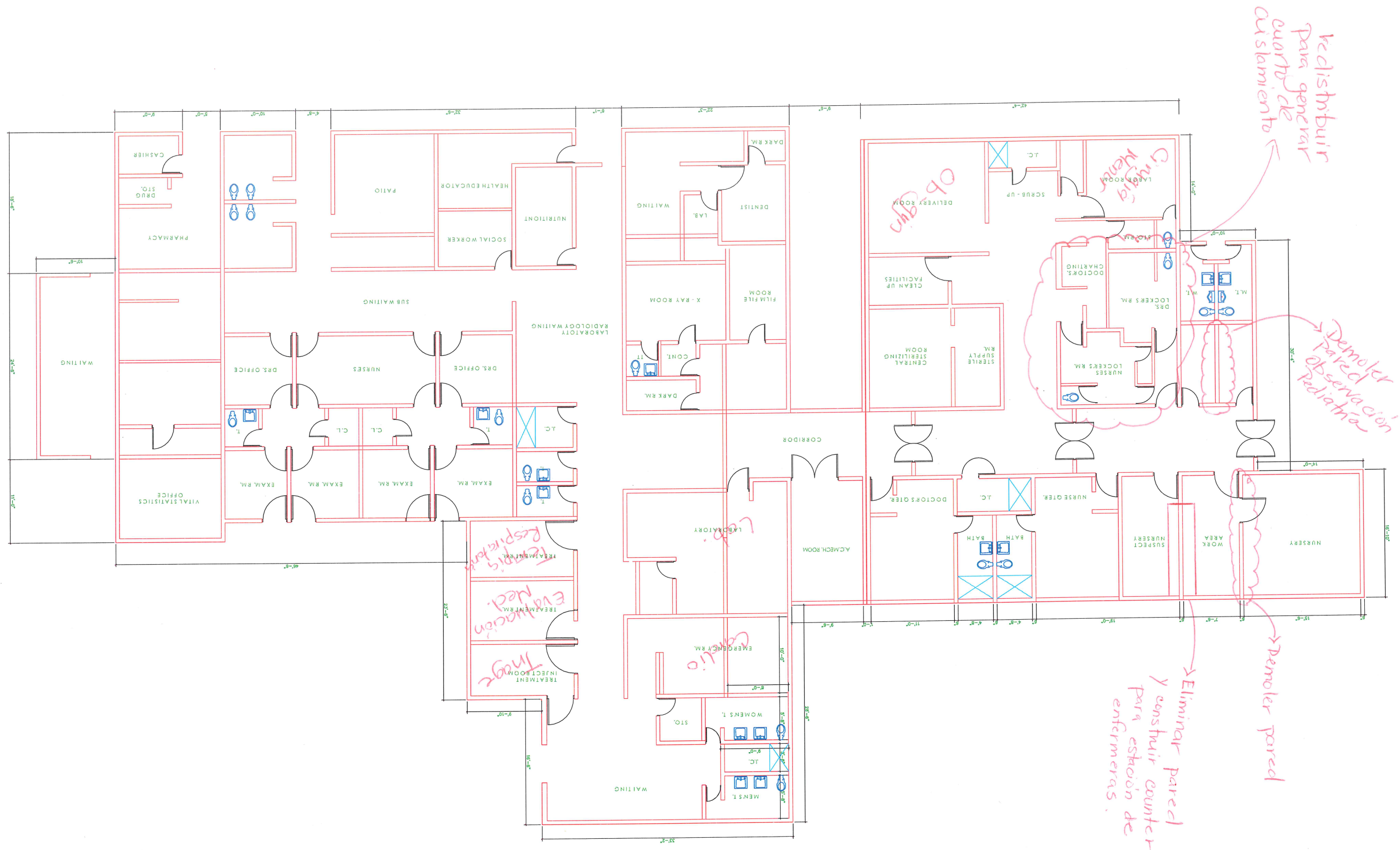


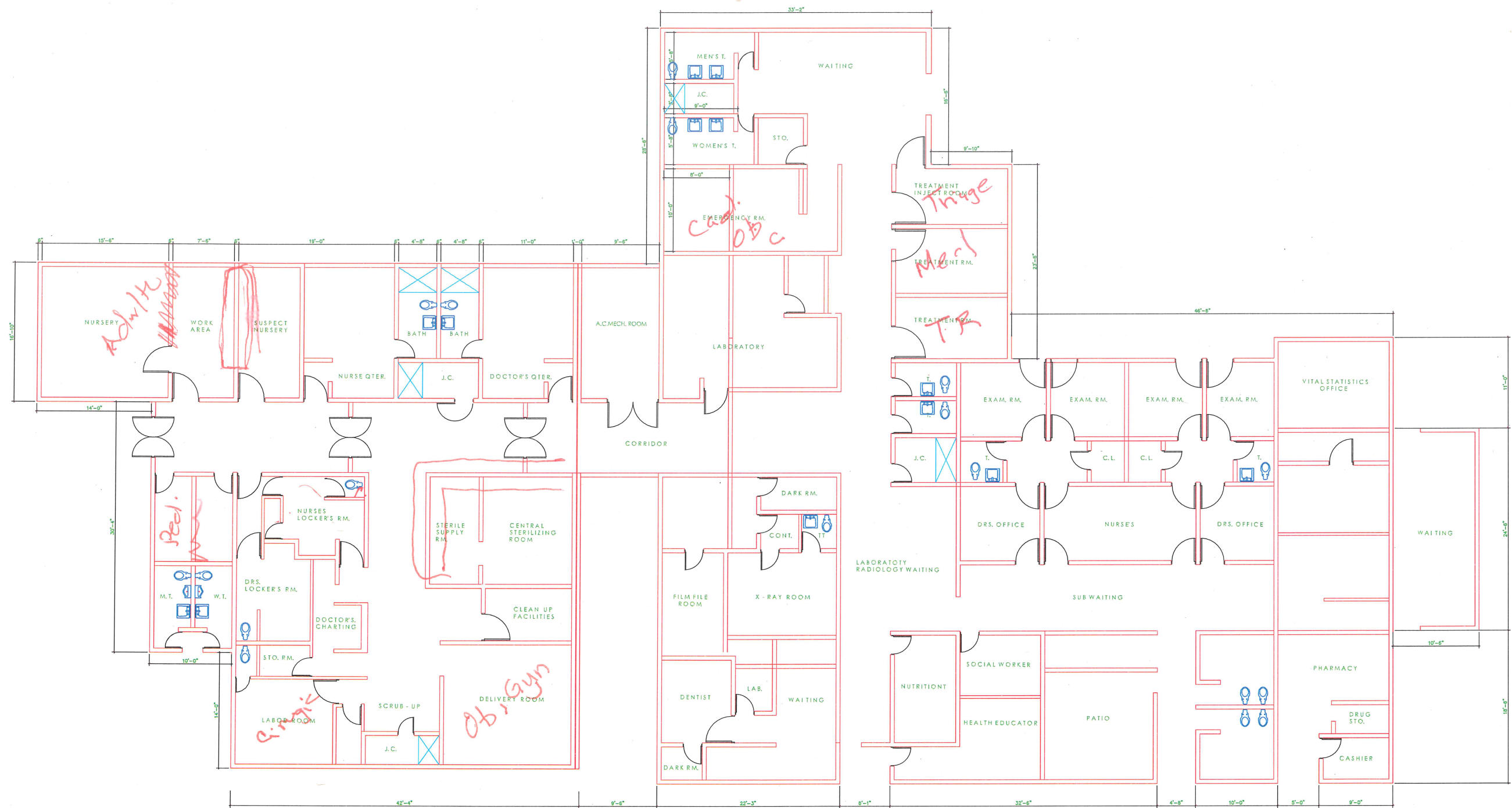
glomerular scarring
~~present~~
@ salud. 181-391-6092

Carta
① Certificación no use
Aguas Acueductos

② No h. ficar por es cnto
que este tod. resuelto.
Bando Wic. → Conservación
Miguel







PERFORMANCE OF AIR HANDLING UNITS OR COOLING COILS																			
UNIT DESIGNATION	DEHUMIDIFIED AIR C.F.M.	FRESH AIR C.F.M.	TOTAL STATIC PRESS IN H ₂ O	ROOM SENSIBLE LOAD BTU/HR.	ROOM LATENT LOAD BTU/HR.	ROOM TOTAL LOAD BTU/HR.	VENTILATION LOAD BTU/HR.	COIL TOTAL LOAD BTU/HR.	ENT. CONDITIONS D.B. W.B.	LVG. CONDITIONS D.B. W.B.	DX - COIL SUCT. TEMP. REF. USED	NO. ROWS MIN.	FINS/INCH MAXIMUM	FACE AREA SQ. FT. MINIMUM	FACE VELOCITY F.P.M. MAX.	OUTLET VELOCITY F.P.M. MAX.	MOTOR H.P.	ELECTRICAL CHARACTERISTICS	UNIT SELECTED
AC-1	2010	580	1 1/4"	39,150	3,000	42,150	41,850	84,000	78.2 68.4	57 55.2	41.7 22	4	8	5.16	690	1130	1	208V/3/60HZ.	CARRIER MODEL 39BA0600
AC-2	5050	5050	2 1/4"	98,150	8,100	106,250	87,690	193,940	77.7 67.6	57 55.4	44.7 22	6	14	8.14	620	1840	3	208V/3/60HZ.	39BA0700
AC-3	8160	760	1 1/2"	141,080	14,000	155,080	44,680	199,760	76 65.7	58 57.8	48 22	5	14	15.50	530	1575	5	208V/3/60HZ.	39BA0900

PERFORMANCE OF CONDENSING UNITS									
UNIT DESIGNATION	CAPACITY BTU/HR.	SUCT. TEMP.	CONDENS. TEMP.	AMBIENT TEMP.	SPEED MAXIMUM R.P.M.	COMPRESSOR R.P.M.	MOTOR H.P. (NOMINAL)	ELECTRICAL CHARACTERISTICS	UNIT SELECTED
CU-1	84,000	39.7	105	85	825	1,750	8	208V/3/60HZ.	CARRIER 38BA005
CU-2	193,940	42.7	105	85	1,750	1,750	15	208V/3/60HZ.	CARRIER 38AD016
CU-3	199,760	46.0	105	85	1,750	1,750	15	208V/3/60HZ.	CARRIER 38AD016

PERFORMANCE OF SELF-CONTAINED AIR CONDITIONING UNIT											
UNIT DESIGNATION	DEHUMIDIFIED AIR C.F.M.	FRESH AIR C.F.M.	EXTERNAL STATIC PRESS IN H ₂ O	TOTAL SENSIBLE HEAT LOAD BTU/HR.	TOTAL LATENT HEAT LOAD BTU/HR.	TOTAL COIL HEAT LOAD BTU/HR.	EVAPORATOR ENT. CONDITIONS D.B. W.B.	FAN MOTOR H.P.	CONDENSER AIR COOLED AMBIENT TEMP.	COMPRESSOR MOTOR H.P. (NOM.)	ELECTRICAL CHARACTERISTICS
AC-4	4000	550	0.5	845,000	55,490	140,000	76.5 66.5	3	85 (2)-1/2	12	208V/3/60HZ. CARRIER 50DA012

PERFORMANCE OF SUPPLY AND EXHAUST FANS									
FAN DESIGNATION	CAPACITY C.F.M.	TOTAL STATIC PRESS IN H ₂ O	SPEED MAX R.P.M.	TIP SPEED MAX F.P.M.	OUTLET VELOCITY F.P.M.	MOTOR H.P.	ELECTRICAL CHARACTERISTICS	LOCATION	FAN SELECTED
EF-1	550	1/8"	1,550	3,850	—	1/10	100V/1/60 HZ.	ROOF	POWER LINE 90 DRE BX
EF-2	75	1/8"	1,550	8,054	—	60 WATTS	—	—	CARRIER MODEL 80DA052
EF-3	400	1/4"	750	2,450	—	1/2	—	—	POWER LINE 10252E BX
EF-4	350	1/4"	850	2,450	—	1/2	—	—	POWER LINE 105 DRE G2
EF-5	60	1"	—	—	—	—	—	CEILING	LEIGH MODEL 5406
EF-6	5050	1"	350	—	1,140	1 1/2	208V/3/60 HZ.	ROOF	POWER LINE 33F-27
EF-7	5050	1"	350	—	1,140	1 1/2	—	—	POWER LINE 33F-27
EF-8	9050	5/8"	840	4,484	—	1/2	100V/1/60 HZ.	—	POWER LINE 20033E BF
EF-9	500	1/4"	1,550	3,850	—	1/10	—	—	POWER LINE 90 DRE BX
EF-10	2,110	0"	750	3,240	—	1/2	—	—	POWER LINE 10533E BF

PERFORMANCE OF REHEAT COILS									
COIL DESIGNATION	AIR C.F.M.	COIL CAPACITY BTU/HR.	AIR ENTERING COIL	AIR LEAVING COIL	K.W.	NO. OF CIRCUITS	ELECTRICAL CHARACTERISTICS	LOCATION	COIL SELECTED
RHC-1	2,165	116,900	57	62	3.4	—	208V/3/60 HZ.	AC-2 BRANCH ELECTRODUCT DUCT SUP-IN 30'X10'	—
RHC-2	2,885	155,800	57	62	4.5	—	—	AC-2 BRANCH ELECTRODUCT DUCT SUP-IN 35'X10'	—
RHC-3	4,000	216,000	59	64	6.4	—	—	AC-4 DUCT BRANCH ELECTRODUCT SUP-IN 34'X14'	—
RHC-4	2010	107,900	57	62	2.2	—	—	AC-1 BRANCH ELECTRODUCT DUCT SUP-IN 20'X14'	—

NOTE:
1-THE MECHANICAL CONTRACTOR SHALL VERIFY THE TOTAL STATIC PRESSURE FOR THE FINAL DRIVE SELECTION.
2-FANS UP TO AND INCLUDING 1/2 HP MOTORS SHALL BE PROVIDED WITH A DISCONNECT SWITCH AND AUTOMATIC THERMAL OVERLOAD PROTECTION.
3-UNITS SHALL BE PROVIDED WITH FILTERS AS SPECIFIED ON THE AIR CONDITIONING SECTION AND SHALL BE GUIDE PACK TYPE FOR AC-1, AC-2 AND AC-3 AS SHOWN.
4-AC-4 SHALL BE PROVIDED AND INSTALLED WITH SPRING-MOUNT VIBRATION ISOLATOR AS SHOWN ON DWG. ACV-4.
5-FINAL LOCATION AND PERFORMANCE CHARACTERISTICS FOR EF-8 SHALL BE COORDINATED WITH THE KITCHEN EQUIPMENT CONTRACTOR.

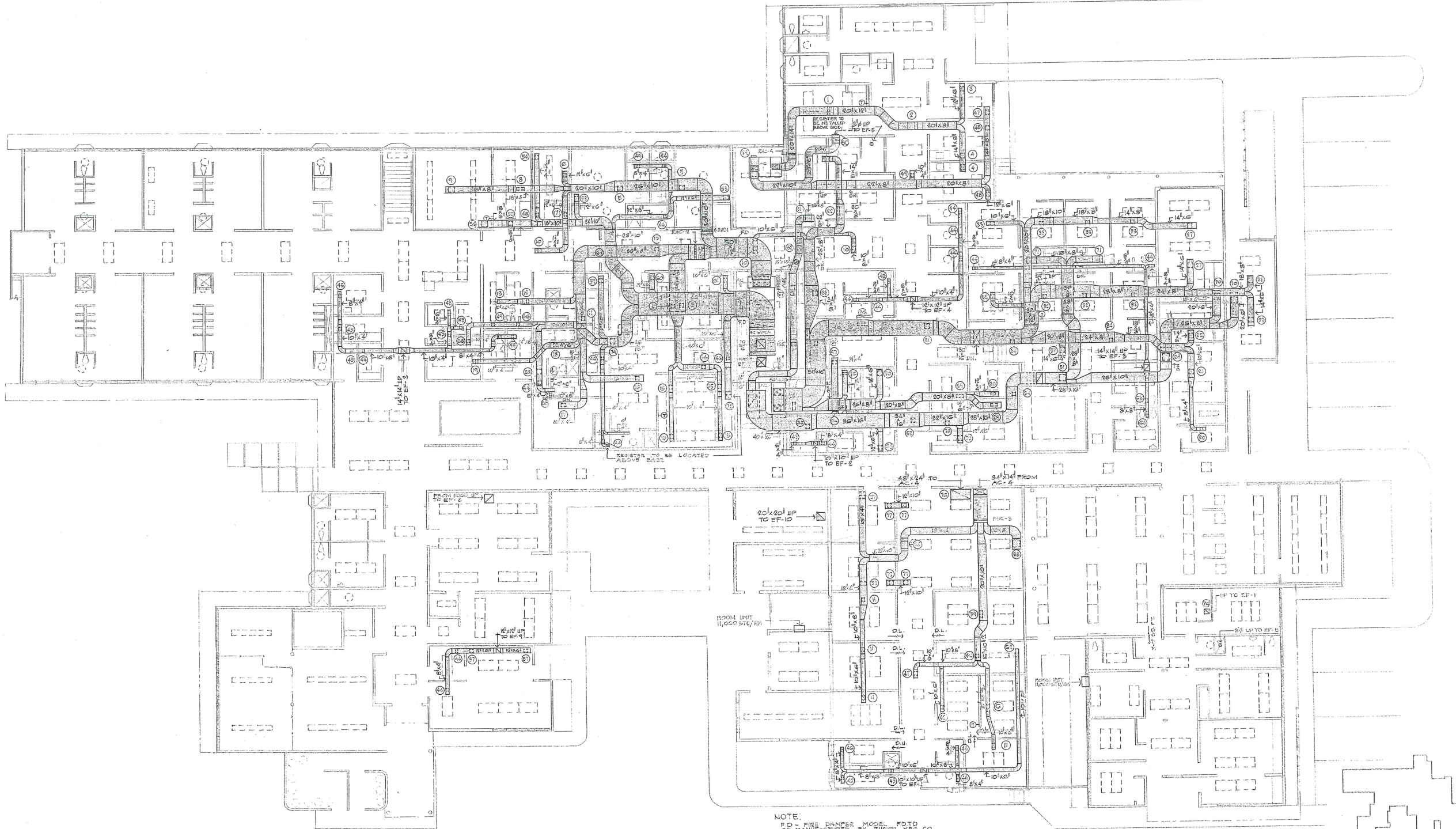
PERFORMANCE OF DIFFUSERS AND REGISTERS									
NO.	MANUFACTURER	MODEL	SIZE	C.F.M.	VOLUME CONTROL TYPE	QTY.	REMARKS		
(1)	CARNES	4741	12" x 12"	490	MODEL 4743	1	SUPPLY		
(2)		4740	18" x 18"	600		1			
(3)		4730	18" x 18"	320		2			
(4)		4730	18" x 18"	320		2			
(5)		4730	18" x 18"	410		2			
(6)		4730	9" x 9"	190		2			
(7)		4731	6" x 6"	100		1			
(8)		4732	6" x 6"	250		1			
(9)		4740	15" x 15"	590		1			
(10)		4720	9" x 9"	185		4			
(11)		4730	9" x 9"	200		6			
(12)		4732	6" x 6"	100		1			
(13)		4732	6" x 6"	120		1			
(14)		4730	9" x 9"	140		1			
(15)		4740	9" x 9"	120		4			
(16)		4740	15" x 15"	470		1			
(17)		4731	9" x 12"	260		1			
(18)		4740	9" x 9"	260		1			
(19)		4731	6" x 6"	150		1			
(20)		4710	12" x 12"	300		1			
(21)		4740	12" x 12"	325		2			
(22)		4732	6" x 6"	425		1			
(23)		4740	12" x 12"	330		3			
(24)		4730	9" x 9"	220		1			
(25)		4731	6" x 6"	250		1			
(26)		4731	6" x 12"	140		2			
(27)		4740	12" x 12"	300		3			
(28)		4731	6" x 6"	330		1			
(29)		4732	6" x 6"	280		1			
(30)		4731	6" x 18"	370		1			
(31)		4740	12" x 12"	250		1			
(32)		4740	9" x 9"	180		4			
(33)		4740	9" x 9"	200		2			
(34)		4740	9" x 9"	250		6			
(35)		4730	12" x 12"	325		1			
(36)		4730	6" x 6"	70		1			
(37)		4731	9" x 15"	250		2			
(38)		4730	18" x 18"	800		2			
(39)		4741	6" x 18"	320		1			
(40)		4720	9" x 9"	200		1			

(41)	CARNES	4720	9" x 9"	220	MODEL 4743	1	SUPPLY	
(42)		4730	9" x 9"	170		1		
(43)		6736	6" x 6"	25	O.B.O. INC.	5	RETURN AND EXHAUST	
(44)			6" x 6"	50		21		
(45)			6" x 6"	75		2		
(46)			6" x 6"	100		6		
(47)			10" x 10"	320		2		
(48)			10" x 10"	320		2		
(49)			8" x 8"	120		2		
(50)			8" x 8"	240		1		
(51)			10" x 10"	700		2		
(52)			12" x 12"	370		1		
(53)			12" x 12"	360		2		
(54)			8" x 8"	140		1		
(55)			10" x 10"	250		2		
(56)			10" x 10"	250		1		
(57)			14" x 14"	540		1		
(58)			10" x 10"	250		3		
(59)			12" x 12"	200		1		
(60)			10" x 10"	270		1		
(61)			10" x 10"	450		1		
(62)			10" x 10"	225		1		
(63)			10" x 10"	260		1		
(64)			8" x 8"	140		2		
(65)			10" x 10"	220		1		
(66)			10" x 10"	255		1		
(67)			8" x 8"	180		1		
(68)			8" x 8"	150		3		
(69)			16" x 16"	650		1		
(70)			16" x 16"	600		1		
(71)			16" x 16"	710		2		
(72)			12" x 12"	330		1		
(73)			10" x 10"	230		1		
(74)			14" x 14"	560		1		
(75)			12" x 12"	380		1		
(76)			24" x 48"	3450		1		
(77)			10" x 10"	250		4	TRANSFER GRILLE	
(78)		6736	18" x 18"	550	O.B.O.	1	FRESH AIR INTAKE	
(79)			16" x 16"	520		1		

PERFORMANCE DATA

C. VALENZUELA VECCHIERI & ASSOCIATES
CONSULTING ENGINEERS
P.O. BOX 1000
SAN JUAN, P.R. 00901

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				NO.	DATE	BY	DESCRIPTION
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER				REVISIONS			
DESIGNED BY: LLENZA & LLENZA ARCHITECTS				ADJUNTAS HEALTH CENTER PUERTO RICO			
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.				DATE	DRAWING NUMBER		
					ACV-3		
				TRACED BY	29 - 50		
				CHECKED BY	TOTAL OF SHTS		
					PROJECT NO.		



NOTE:
F.D. - FIRE DAMPER MODEL FDTD
AS MANUFACTURED BY RUSIN HFG. CO.

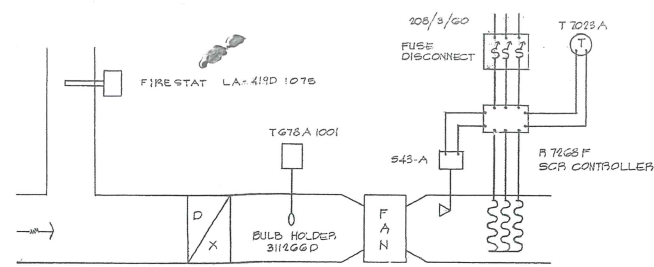
KEY PLAN
SCALE 1/1,000

AIR CONDITIONING AND VENTILATION LAYOUT

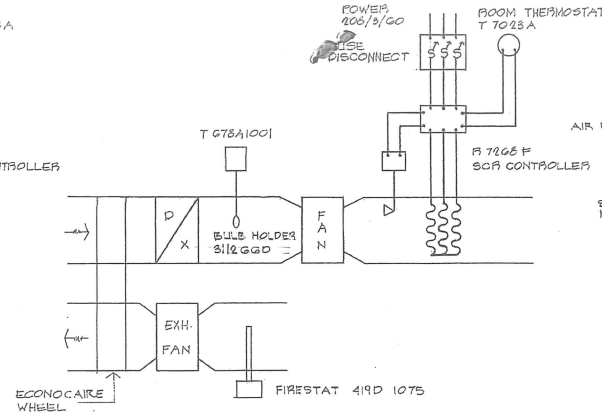
SCALE: 1/8" = 1'-0"

C. VALENCIA VECCHINI & ASSOCIATES
CONSULTING ENGINEERS
ARCHITECTS
DATE: _____
APPROVED: _____
C. VALENCIA VECCHINI PE 5122

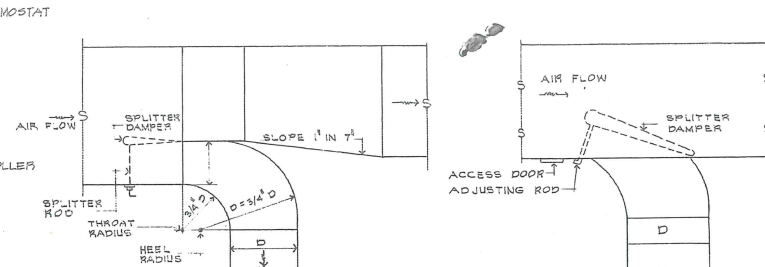
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION			
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER			
ADJUNTAS PUERTO RICO			
DESIGNED BY	DATE	DRAWN BY	DRAWING NUMBER
LLENZA & LLENZA ARCHITECTS			ACV - 1
SUBMITTED BY	DATE	TRACED BY	TOTAL OF SHEETS
CHIEF OF ARCHITECTURAL SECT.			27 - 50
CHECKED BY	DATE	PROJECT NO.	



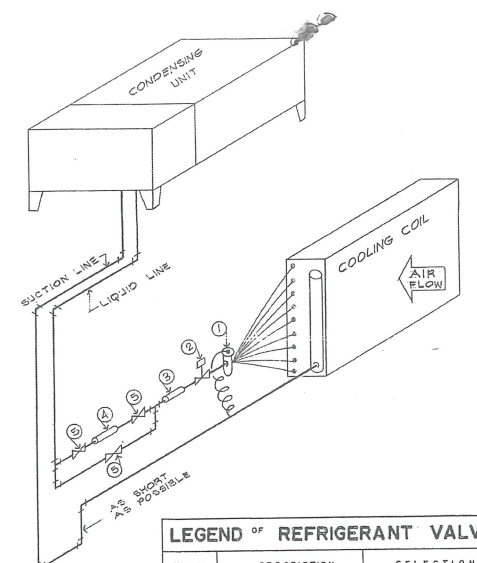
TEMPERATURE CONTROL SYSTEM FOR AC-1 AND AC-4



TEMPERATURE CONTROL SYSTEM FOR AC-2



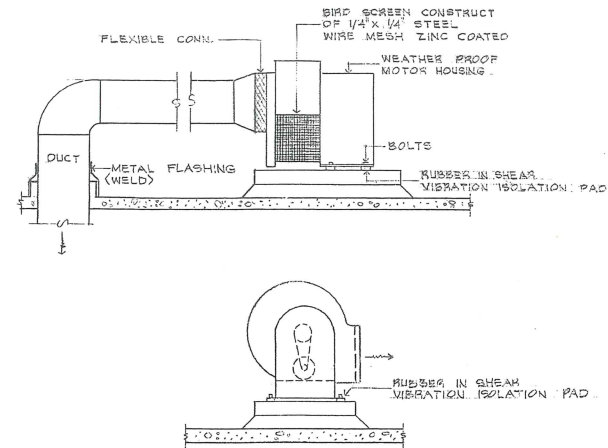
TYPICAL TAKE-OFF DETAIL



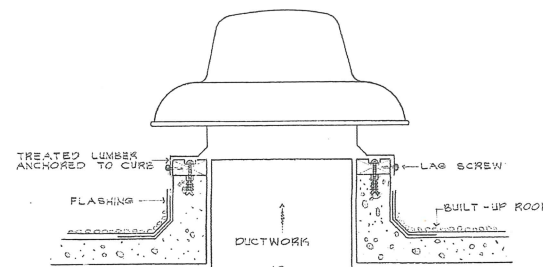
REFRIGERANT PIPING HOOK-UP

SYMBOL	DESCRIPTION	SELECTION
①	THERMO EXPANSION VALVE	TO BE FURNISHED BY THE UNIT MANUFACTURER
②	LIQUID LINE SOLENOID VALVE	SPORLAN
③	LIQUID LINE SIGHT GLASS	SPORLAN-SEE-ALL
④	LIGHT LINE FILTER DRIER	SPORLAN CATCH-ALL
⑤	PACKLESS GLOBE VALVE	

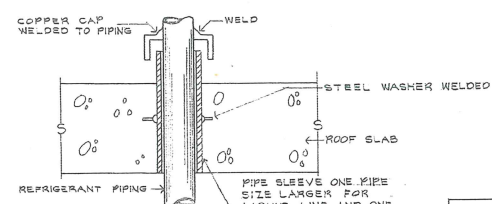
CONDENSING UNIT	LINE SIZE (OD")	
	SUCTION	LIQUID
CU-1	1 1/8"	5/8"
CU-2	1 3/8"	7/8"
CU-3	1 7/8"	1"



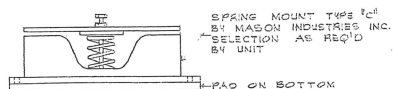
INSTALLATION DETAIL FOR UTILITY FAN



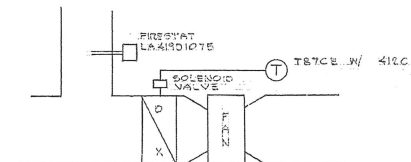
INSTALLATION DETAIL FOR FAN



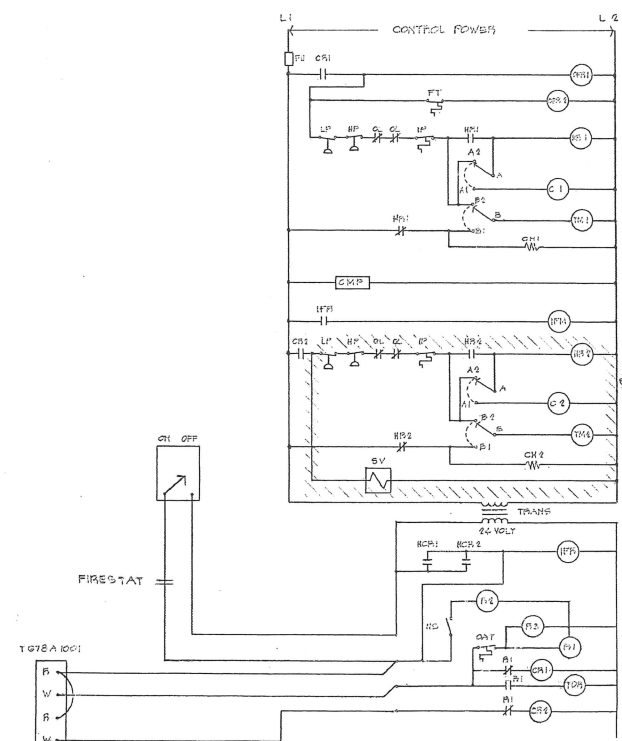
DETAIL FOR PIPE SLEEVE



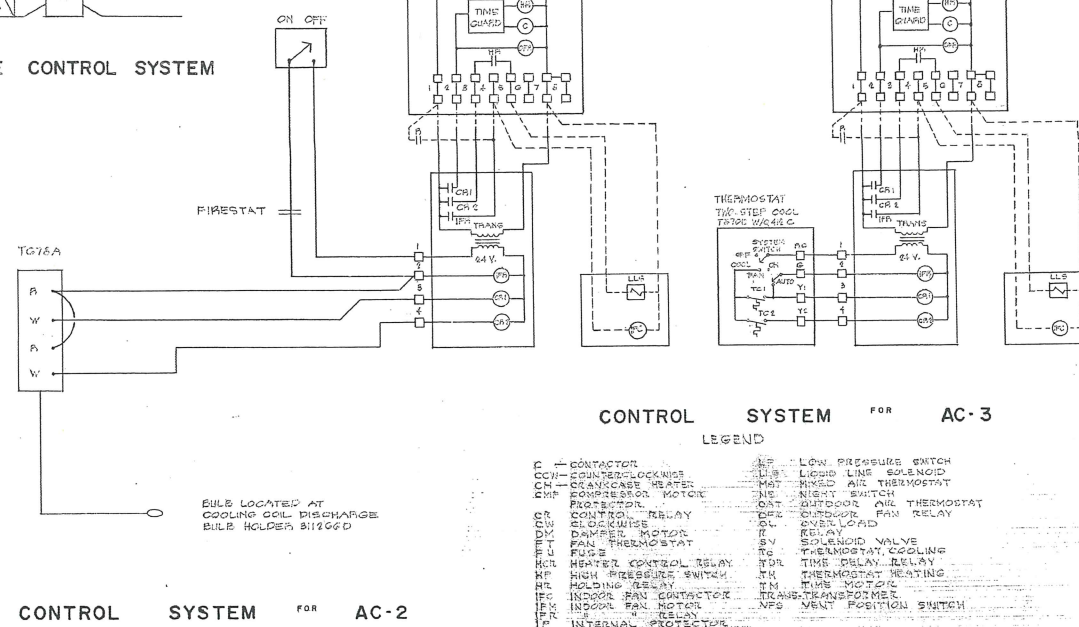
SPRING-MOUNT DETAIL



TEMPERATURE CONTROL SYSTEM FOR AC-3



CONTROL SYSTEM FOR AC-4, AC-1

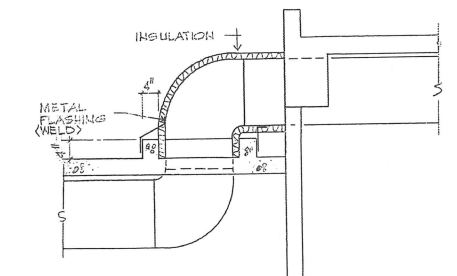


CONTROL SYSTEM FOR AC-3

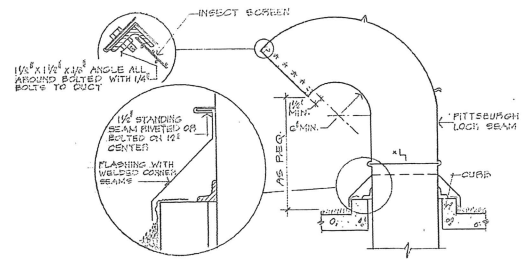
CONTROL SYSTEM FOR AC-2

CONTROLS AND DETAILS

- LEGEND
- C - CONTACTOR
 - CU - COUNTERCLOCKWISE
 - CH - CRANKCASE HEATER
 - CM - COMPRESSOR MOTOR
 - PROT - PROTECTOR
 - CON - CONTROL RELAY
 - CL - CLOCKWISE
 - DM - DAMPER MOTOR
 - FT - FAN THERMOSTAT
 - FU - FUSE
 - HE - HEATER CONTROL RELAY
 - HP - HIGH PRESSURE SWITCH
 - HR - HOLDING RELAY
 - IFC - INDOOR FAN CONTACTOR
 - IFM - INDOOR FAN MOTOR
 - IFP - INTERNAL PROTECTOR
 - LP - LOW PRESSURE SWITCH
 - LS - LIQUID LINE SOLENOID VALVE
 - MAT - MATH AIR THERMOSTAT
 - NO - NO-LOAD SWITCH
 - OAT - OUTDOOR AIR THERMOSTAT
 - OC - OUTDOOR FAN RELAY
 - OL - OVERLOAD
 - SV - SOLENOID VALVE
 - TO - THERMOSTAT COOLING
 - TD - TIME DELAY RELAY
 - TR - THERMOSTAT HEATING
 - TM - TIME MOTOR
 - TRNS - TRANSFORMER
 - VPS - VENT POSITION SWITCH



SECTION "A-A"



GOOSENECK DETAIL NOT TO SCALE

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO. DATE BY DESCRIPTION REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER DESIGNED BY LLENZA & LLENZA ARCHITECTS		ADJUNTAS PUERTO RICO DATE DRAWN BY TRACED BY CHECKED BY	
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.		DRAWING NUMBER ACV-4 30 - 50 TOTAL OF SHEETS PROJECT NO.	

LENZA VECHIN & ASSOCIATES
SUIZES, ENGINEERS
1000 P.R. 00906
C. VALENCIA, VECIN, P.E. S.E.

FIXTURE OR EQUIPMENT	SYMBOL	SUPPLIES PER FIXTURE				DRAIN, WASTE OR SOIL PER FIXTURE	REMARKS
		CW	HW	OTHER			
WATER CLOSETS	P-1	1"	NONE	---	4"	FLOOR OUTLET, FLUSH VALVE WITH MCUM BRAKER	
LAVATORIES	P-2	3/8"	NONE	---	1 1/2"	20"x18" WALL HUNG	
LAVATORIES	P-3	3/8"	3/8"	---	1 1/4"	20"x18" WALL HUNG	
LAVATORIES	P-4	3/8"	3/8"	---	1 1/4"	20"x18" WITH GOOSENECK SPOUT & WRIST CONTROL BRANDES	
LAVATORIES	P-5	3/8"	3/8"	---	1 1/4"	20"x18" WITH GOOSENECK SPOUT & ELBOW CONTROL BLADES	
SHOWER BATHS	P-6	1/2"	1/2"	---	2"	PROVIDED WITH NON-ICOLD MIXING VALVE & WITH 3/8" GPM.	
SHOWER BATHS	P-6A	1"	NONE	---	4"	NAME AS P-1, WITH MODEL 7-C DIVERTER VALVE	
JANITOR'S CLOSET	P-7	1/2"	1/2"	---	3"	BY AMCO	
JANITOR'S CLOSET	P-8	1/2"	1/2"	---	2"	PROVIDED WITH 3/8"-1 (SEE BELOW)	
URINALS	P-9	1/2"	---	---	3"	PROVIDED WITH 3/8"-1 (SEE BELOW)	
WATER COOLERS	P-10	3/4"	---	---	2"	WALL HUNG - 3/4" FLUSH VALVE	
CLINICAL SINK	P-11	3/8"	---	---	1 1/2"	WALL HUNG	
BUILT-IN SS. SINK	P-12	1"	3/8"	---	3"	---	
DOUBLE BUILT-IN SS. SINK	P-13	1/2"	1/2"	---	1 1/2"	PROVIDED WITH GOOSENECK SPOUT & ELBOW CONTROL BLADES	
FLOOR MOP SINK (OMITTED)	P-14	1/2"	1/2"	---	3"	SAME AS ABOVE	
SURGEON'S SCRUB-UP SINKS	P-15	1/2"	1/2"	---	1 1/2"	---	
W.G.E. PROCESSING TANK	P-16	1/2"	1/2"	---	1 1/2"	PROVIDED WITH GOOSENECK SPOUT AND KNEE ACTION CONTROL	
FILM PROCESSING TANK	P-17	1/2"	1/2"	---	2"	---	
INSTRUMENT SINK	P-18	1/2"	1/2"	---	2"	---	
DENTAL UNIT	P-19	1/2"	1/2"	---	1 1/2"	---	
SERVICE SINK	P-20	3/8"	---	3/8" C.A.	3/4" IND. WASTE	PROVIDE COMPRESSED AIR FROM DENTIST AIR COMPRESSOR	
ELECTRIC STORAGE WATER HEATER	P-21	1/2"	---	---	3"	STANDARD P-TRAP	
GAS WASHING AREA	P-22	3" INL.	3" OUT.	---	1 1/4" DRAIN	SEE DESCRIPTION ON SHL P-6	
GAS WASHING AREA	P-23	3/4"	3/4"	---	4"	PROVIDED WITH CAR WASHER	
HOSE RIGS	P-24	1/2"	1/2"	---	4"	FD-2	
HOSE RIGS	P-25	---	---	---	---	ROUGH BRASS WITH THREADED ENDS.	
FLOOR DRAINS	3" FD-1	---	---	---	3"	JOHAN-7703-T RD. (C) CAULK TOP & REMOVABLE SEDIMENT BUCKET.	
FLOOR DRAINS	4" FD-2	---	---	---	4"	JOHAN-7704-T RD. (C) CAULK TOP & REMOVABLE SEDIMENT BUCKET.	
FLOOR DRAINS	4" FD-3	---	---	---	4"	JOHAN-7704-T RD. (C) CAULK TOP & REMOVABLE SEDIMENT BUCKET.	
FLOOR DRAINS	2" FD-4	---	---	---	2"	JOHAN-7704-T RD. (C) CAULK TOP & REMOVABLE SEDIMENT BUCKET.	
FLOOR DRAINS	2" FD-5	---	---	---	2"	JOHAN-7704-T RD. (C) CAULK TOP & REMOVABLE SEDIMENT BUCKET.	
FLOOR DRAINS	2" FD-6	---	---	---	2"	JOHAN-7704-T RD. (C) CAULK TOP & REMOVABLE SEDIMENT BUCKET.	
FLOOR DRAINS	2" FD-7	---	---	---	2"	JOHAN-7704-T RD. (C) CAULK TOP & REMOVABLE SEDIMENT BUCKET.	
ROOF DRAINS	3" RD-1	---	---	---	3"	JOHAN-7704-T RD. (C) CAULK TOP & REMOVABLE SEDIMENT BUCKET.	
ROOF DRAINS	2" RD-2	---	---	---	2"	JOHAN-7704-T RD. (C) CAULK TOP & REMOVABLE SEDIMENT BUCKET.	
ROOF DRAINS	3" RD-3	---	---	---	3"	JOHAN-7704-T RD. (C) CAULK TOP & REMOVABLE SEDIMENT BUCKET.	
LAUNDRY TRAY	L-1	1/2"	1/2"	---	3"	IND. WASTE	
WASHER	L-2	3/4"	3/4"	---	3"	IND. WASTE	
DRYING TUMBLER	L-3	---	---	3/4"	---	---	
FLAT WORK IRONER	L-4	---	---	1/8"	---	---	
EXTRACTOR	L-5	---	---	---	2"	---	
COMBINATION REFRIGERATOR	K-2	---	---	---	1"	IND. WASTE	
RANGES	K-4	---	---	1/2"	---	INTO 4" FD-5	
VEGETABLE SINK	K-5	1/2"	1/2"	---	2"	GAS SUPPLY TO 3" O" AFF.	
2 COMP. POT SINK	K-7	1/2"	1/2"	---	2"	---	
DISHWASHER	K-8	---	---	1/2"	2"	---	
BOILER HEATER	K-8A	---	---	---	---	180°F. SUPPLY FROM BOILER HEATER	
PRE-RINSE SINK	K-9	1/2"	1/2"	---	3"	IND. WASTE	
WORK TABLE W/ BAIN MARIE	K-22	1/2"	1/2"	---	2"	PROVIDED WITH FOOD WASTE DISPOSER	
GREASE INTERCEPTOR	K-24	---	---	---	3"	IND. WASTE	
ICE MAKER MACHINE	K-25	---	---	1/2"	1"	IND. WASTE	
WREN STAND	K-27	---	---	1/2"	1"	IND. WASTE	
PRAYER	K-29	---	---	---	1 1/4"	---	
HANGER, GRIDDLE & BROWER	K-36	---	---	---	1 1/4"	---	
FIRE HOSE CABINET	F-1	---	---	---	---	100'-0" 1 1/2" UL LINEN HOSE - WITH FOG NOZZLE	
FIRE HOSE CABINET	F-2	---	---	---	---	75'-0" 1 1/2" UL LINEN HOSE - WITH FOG NOZZLE	
FIRE "ROAN" EXTINGUISHER	F-3	---	---	---	---	2 1/2" GAL. FOAM - UL. RATING 2-A-48	
FIRE "PRESSURE WATER" EXTINGUISHER	F-4	---	---	---	---	2 1/2" GAL. WATER - UL. RATING 2-A	
DIAPHRAGM CONNECTION	P-0	---	---	---	---	---	
DOUBLE GAS TURRETS	G-2	---	---	3/8" GAS	---	---	
GEN. PURPOSE STERILIZER 16x16x26	T-2	3/8"	3/8"	---	1 1/2"	---	

DRAIN, WASTE, SOIL OR SANITARY SEWAGE LINE
 COLD WATER LINE
 140°F HOT WATER LINE
 160°F HOT WATER LINE
 HOT WATER RETURN LINE
 GAS LINE
 G RAIN OR STORM WATER LINE
 (X) UNDERGROUND SHUT-OFF OR CONTROL VALVE, PROTECTED IN A CONCRETE VALVE BOX & A PRECAST CAST IRON COVER WITH TOP MATCHING TO FINISH FLOOR WHEN INDICATED IN FLOOR SLAB.
 VENT LINE
 CO. FWF. CLEANOUT FLUSH WITH FLOOR
 CO. FWP. CLEANOUT FLUSH WITH PAVEMENT
 CO. FWW. CLEANOUT FLUSH WITH WALL
 CO. FWG. CLEANOUT FLUSH WITH GRADE
 I. & VTR. SOIL AND VENT THRU ROOF
 W. & VTR. WASTE AND VENT THRU ROOF
 I. & V. CONTINUOUS SOIL AND VENT PIPE
 W. & V. WASTE AND VENT PIPE
 IS. SOIL STACK
 W. WAITE STACK
 CW. COLD WATER
 CWR. COLD WATER RISER
 HW. HOT WATER
 HWR. HOT WATER RISER
 (C) SERVICE WEIGHT CAST IRON PIPE
 (PVC) PLASTIC PIPE (SCHEDULE 40)
 (DWV) COPPER DRAINAGE, WASTE AND VENT PIPE
 (CP-K) COPPER WATER PIPE TYPE 'K'
 (CP-L) COPPER WATER PIPE TYPE 'L'
 (STP) BLACK STEEL PIPE
 (GI) GALVANIZED STEEL PIPE
 AC PIPE HUNG ON CEILING
 BFL. PIPE BELOW FLOOR SLAB
 BFF. PIPE BETWEEN STRUCTURAL SLAB AND FLOOR FINISH.
 APR. ABOVE FINISH FLOOR
 CK-V. CHECK VALVE
 GV. GATE VALVE
 RL. ROOF LEADER
 RD. ROOF DRAIN
 ED. FLOOR DRAIN
 () ROOF LEADER IDENTIFICATION
 () SANITARY STACK IDENTIFICATION
 () CLEANOUT EXPOSED
 CO. EXP. CONTROL VALVE OR SHUT-OFF VALVE ON AIR PRESSURIZED WATER
 FIRE PROTECTION LINE OR FIRE STAND PIPE
 PWR. PRESSURIZED WATER RISER
 PW.DN.R. PRESSURIZED WATER DOWN SUPPLY
 HW.DN.R. HOT WATER DOWN SUPPLY

DISPOSER.

40 LB. GREASE CAP.

FOG NOZZLE

FOG NOZZLE

4B.

A.

HERIC VENT.

TO FORCE

TAPARELA ST.

FIREHOUSE

SITE

RIUS RIVERA ST.

PLAZA

LUIS MUÑOZ RIVERA ST.

GARCEA ST.

R. CACAPULTEPEC

CONCORDIA ST.

SAN JOAQUIN ST.

LA PLANTA ST.

ROAD TO BICHANES

STATE ROAD NO. 831

ALL WATER PIPING INSIDE BUILDING SHALL BE COPPER PIPE TYPE "K".
OUTSIDE WATER PIPING 3" OR UNDER SHALL BE COPPER PIPE TYPE "K".
ALL HOT WATER PIPING HUNG ON CEILING (AC), SHALL BE INSULATED AS CALLED FOR ON SPECIFICATIONS.
SHOWER DRAINS IN ALL SHOWER BATHS SHALL BE FLOOR DRAINS 2"FD-6, AS INDICATED ON PLUMBING
FIXTURES AND APP. EQUIPMENT SCHEDULE.
VENTS AND ROOF LEADERS, SHALL BE SCHEDULE 40 PVC, 1120 - CS - 207-60.

TOTAL PATIENT BEDS = 27

27 PATIENT BEDS X 350 GPD = 9,450 GPD.
RESERVE FOR FIRE PROTECTION = 3,000 GPD.
12,450 GPD.

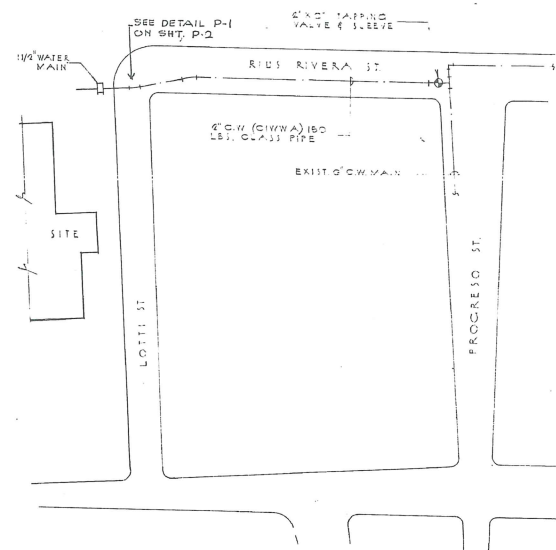
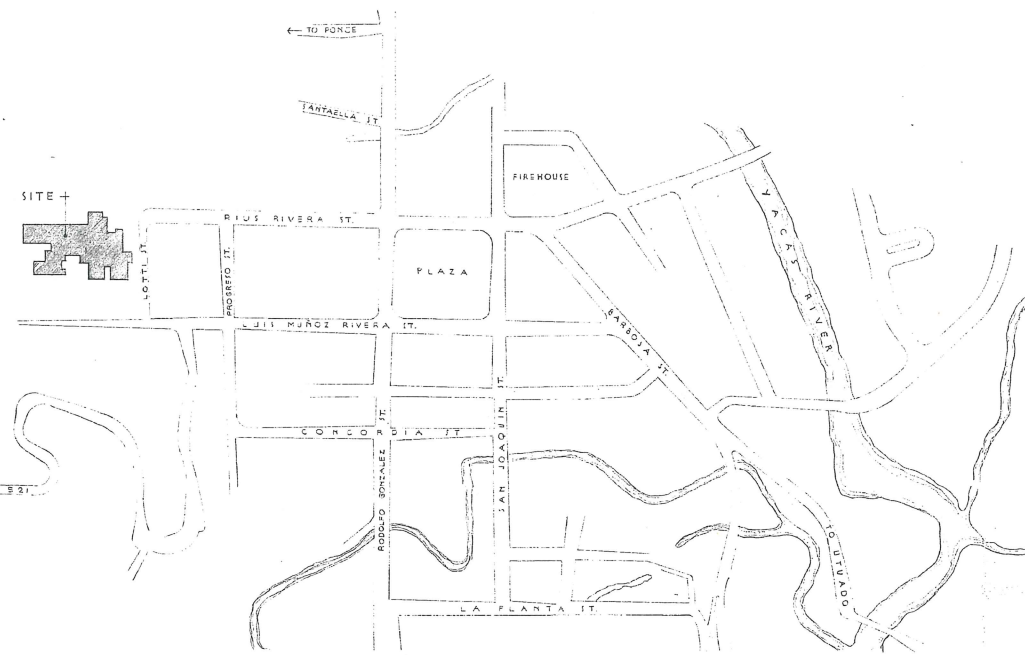
18. 17' x 14.0' x 6.52' LIQUID DEPTH = 1,673.22¹³. 7.5 x 1673.22¹³ = 12,553.65 GAL. CAP. OF THE CISTERN. SEE LOCATION ON SHT. P-5 AND DETAILS ON SHT. P-8.

5 C A L E: 1:2,000

RODRIGUEZ OLIVERI, FIRSI
IBARRA & VILLANUEVA
MEDICAL-CLINICAL CONSULTING
Manuel Oliveri *12-28*
DENTURE CLINIC - DENTURE REPAIRS
P.O. BOX 7315 CO. ORDENO - SANTURDE. *CHESAD*

COMMONWEALTH OF PUERTO RICO		NO.		DATE		BY		DESCRIPTION	
DEPARTMENT OF PUBLIC WORKS		REVISIONS							
BUILDING DESIGN DIVISION		ADJUNTAS							
EXPANSION & REMODELING OF		PUERTO RICO							
ADJUNTAS HEALTH CENTER		DATE		DRAWING NUMBER		P - 1			
DESIGNED BY: LLENZA, A. LLENZA		DATE		DRAWING NUMBER P - 1					
ARCHITECTS									
SUBMITTED BY:		DRAWN BY:		31 - 50 TOTAL OF SHEETS.					
CHIEF OF ARCHITECTURAL SECT.		DATE							
CHECKED BY:		TRACED BY:		PROJECT NO.					

PLUMBING FIXTURES & EQUIPMENT SCHEDULE									
FIXTURE OR EQUIPMENT	SYMBOL	SUPPLIES PER FIXTURE			DRAIN, WASTE OR SOIL PER FIXTURE	R E M A R K S			
		CW	HW	OTHER					
WATER CLOSETS	P-1	1"	NONE	---	4"	FLOOR OUTLET, FLUSH VALVE WITH VACUUM BRAKER			
LAVATORIES	P-2	3/8"	NONE	---	1/4"	20"x18" WALL HUNG			
LAVATORIES	P-3	3/8"	3/8"	---	1/4"	20"x18" WALL HUNG			
LAVATORIES	P-4	3/8"	3/8"	---	1/4"	20"x18" WITH GOOSENECK SPOUT & WRIST CONTROL HANDLES			
LAVATORIES	P-5	3/8"	3/8"	---	1/4"	20"x18" WITH GOOSENECK SPOUT & ELBOW CONTROL BLADES			
SHOWER BATHS	P-6	1/2"	1/2"	---	2"	PROVIDED WITH NON-ICOLD MIXING VALVE & WITH 45 GPM. -			
WATER CLOSET	P-1A	1"	NONE	---	4"	5/8" AS P-1 WITH MODEL T C DIVERTER VALVE			
SHOWER BATH	P-7	1/2"	1/2"	---	2"	BY A.M.C.O.			
JANITOR'S CLOSET	P-8	1/2"	1/2"	---	3"	PROVIDED WITH 3/4" (SEE BELOW)			
JANITOR'S CLOSET	P-9	1/2"	1/2"	---	3"	PROVIDED WITH 3/4" (SEE BELOW)			
URINALS	P-10	3/4"	---	---	2"	WALL HUNG 3/4" FLUSH VALVE			
WATER COOLER	P-11	3/8"	---	---	1/4"	WALL HUNG			
CLINICAL SINK	P-12	1"	3/8"	---	3"	---			
BUILT-IN SS. SINK	P-13	1/2"	1/2"	---	1 1/2"	PROVIDED WITH GOOSENECK SPOUT & ELBOW CONTROL BLADES			
DOUBLE BUILT-IN SS. SINK	P-14	1/2"	1/2"	---	1 1/2"	SAME AS ABOVE			
FLOOR SINK (OMITTED)	P-15	1/2"	1/2"	---	3"	---			
SURGEON'S SCRUB-UP SINKS	P-16	1/2"	1/2"	---	1 1/2"	PROVIDED WITH GOOSENECK SPOUT AND KNEE ACTION CONTROL			
G.E. PROCESSING TANK	P-17	1/2"	1/2"	---	2"	---			
FILM PROCESSING TANK	P-18	1/2"	1/2"	---	2"	---			
INSTRUMENT SINK	P-19	1/2"	1/2"	---	2"	---			
DENTAL UNIT	P-20	3/8"	---	3/8" C.A.	3/4"	PROVIDE COMPRESSED AIR FROM DENTIST AIR COMPRESSOR			
SERVICE SINK	P-21	1/2"	---	---	3"	STANDARD P-TRAP			
ELECTRIC STORAGE WATER HEATER	P-22	3" INL.	3" OUT.	---	1 1/2"	SEE DESCRIPTION ON SHT. P-6			
GARAGE, CAR WASHING AREA	P-23	3/4"	3/4"	---	4" FD-2	PROVIDED WITH CAR WASHER			
GARAGE CAR AREA	P-24	1/2"	1/2"	---	4" FD-2	---			
HOIE BBS	P-25	---	---	---	---	ROUGH BRASS WITH THREADED END.			
FLOOR DRAIN	3" FD-1	---	---	---	3"	JOHNS-7703-7" RD. (K) CAULK TOP & REMOVABLE SEDIMENT BUCKET.			
FLOOR DRAIN	4" FD-2	---	---	---	4"	JOHNS-7704-7" RD. (K) CAULK TOP & REMOVABLE SEDIMENT BUCKET.			
FLOOR DRAIN	4" FD-3	---	---	---	4"	JOHNS-734-9" RD. (P) CAULK			
FLOOR DRAIN	2" FD-4	---	---	---	2"	JOHNS-7702-7" RD. (K) CAULK & REMOVABLE SEDIMENT BUCKET.			
FLOOR DRAIN	2" FD-5	---	---	---	2"	JOHNS-302-31EY (P) 1/2" STRAINER WITH EXTENDED 1" ARM (CAULK).			
FLOOR DRAIN	2" FD-6	---	---	---	2"	JOHNS-302-35-15E CAULK 2" (K) STRAINER			
FLOOR DRAIN	4" FD-7	---	---	---	4"	JOHNS-44-1PS. CAST IRON LAQUER.			
ROOF DRAIN	3" RD-1	---	---	---	3"	JOHNS-4183 1PS. CI. WITH ROUGH BR. DOME.			
ROOF DRAIN	2" RD-2	---	---	---	2"	JOHNS-4942 2-1PS.			
ROOF DRAIN	3" RD-3	---	---	---	3"	JOHNS-4943 3-1PS.			
LAUNDRY TRAY	L-1	1/2"	1/2"	---	2"	---			
WASHER	L-2	3/4"	3/4"	---	3" IND. WASTE	---			
DYING TUMBLER	L-3	---	---	3/4"	---	---			
FLAT WORK IRONER	L-4	---	---	1/2"	---	---			
EXTRACTOR	L-5	---	---	---	2"	---			
COMBINATION FREEZER REFRIGERATOR	K-2	---	---	---	1" IND. WASTE	RYTO 2" FD-5			
RANGE	K-4	---	---	1 1/2"	---	GAS SUPPLY TO 3" O" AFF.			
VEGETABLE SINK	K-5	1/2"	1/2"	---	2"	---			
2 COMP. HOT SINK	K-7	1/2"	1/2"	---	2"	---			
DISHWASHER	K-8	---	---	1/2"	2"	180° HW SUPPLY FROM BOOYER HEATER			
BOOYER HEATER	K-8A	---	---	---	---	---			
PRE-RINSE SINK	K-9	1/2"	---	---	3/4" IND. WASTE	DRAIN TO 4" FD-2			
WORK TABLE W/ BAIN MARIE	K-22	1/2"	1/2"	---	2"	PROVIDED WITH FOOD WASTE DISPOSER			
GREASE INTERCEPTOR	K-24	---	---	---	3"	JOHNS-JA-3-20 GPM. FLOW RATE & 40 LB. GREASE CAP			
ICE MAKER MACHINE	K-25	---	---	---	3"	DRAIN TO 2" FD-5			
IRON STAND	K-27	---	---	---	1" IND. WASTE	DRAIN TO 2" FD-5			
FRYER	K-23	---	---	1 1/4"	---	---			
RANGE, GRIDDLE & BROILER	K-26	---	---	1 1/4"	---	---			
FIRE HOSE CABINET	F-1	---	---	---	---	100'-0" 1 1/2" UL LHM HOSE WITH FOG NOZZLE			
FIRE HOSE CABINET	F-2	---	---	---	---	75'-0" 1 1/2" UL LHM HOSE WITH FOG NOZZLE			
FIRE TROOP EXTINGUISHER	F-3	---	---	---	---	2 1/2" GAL FOAM - UL RATING 2A-4B			
FIRE PRESSURE WATER EXTINGUISHER	F-4	---	---	---	---	2 1/2" GAL WATER - UL RATING 2A.			
SIAMSE CONNECTION	F-5	---	---	---	---	---			
DOUBLE GAS TURRETS	G-2	---	---	3/8" GAS	---	---			
GEN. PURPOSE STERILIZER 6x16x16	T-1	3/8"	3/8"	---	1 1/2"	---			
GEN. PURPOSE STERILIZER 20x20x18	T-3	3/8"	3/8"	---	1 1/2"	---			
SUPPLEMENTAL FEEDING UNIT	T-5	1/2"	1/2"	---	1 1/2"	---			
MEDICINE STATION	T-6	3/8"	3/8"	---	1 1/2"	---			
WASHER SANITIZER	T-7	3/8" & 1/2"	3/8" & 1/2"	---	(1) 1 1/2"	---			
BED PAN WASHER	T-9	1"	3/8"	---	3"	CONDENSED MATRAPP - 3" ATMOSPHERIC VENT.			
DOUBLE SCRUB-UP SINK	T-10	(1) 1/2"	(1) 1/2"	---	1 1/2"	---			
10 GPH. ULTRAPURE STILL	T-11	3/8"	---	---	1 1/2"	---			



PLUMBING LEGEND & ABBREVIATIONS:	
---	DRAIN, WASTE, SOIL OR SANITARY SEWAGE LINE
---	COLD WATER LINE
---	160°F HOT WATER LINE
---	160°F HOT WATER LINE
---	HOT WATER RETURN LINE
---	GAS LINE
---	RAIN OR STORM WATER LINE
---	UNDERGROUND SHUT-OFF OR CONTROL VALVE, PROTECTED IN A CONCRETE VALVE BOX & A PRECAST CAST IRON COVER WITH TOP MATCHING TO FINISH FLOOR WHEN INDICATED IN FLOOR SLAB.
---	VENT LINE
---	CLEANOUT FLUSH WITH FLOOR
---	CLEANOUT FLUSH WITH PAVEMENT
---	CLEANOUT FLUSH WITH WALL
---	CLEANOUT FLUSH WITH GRADE
---	SOIL AND VENT THRU ROOF
---	WASTE AND VENT THRU ROOF
---	CONTINUOUS SOIL AND VENT PIPE
---	WASTE AND VENT PIPE
---	SOIL STACK
---	WASTE STACK
---	COLD WATER
---	COLD WATER RISER
---	HOT WATER
---	HOT WATER RISER
---	SERVICE WEIGHT CAST IRON PIPE
---	PLASTIC PIPE (SCHEDULE 40)
---	COPPER DRAINAGE, WASTE AND VENT PIPE
---	COPPER WATER PIPE TYPE "K"
---	COPPER WATER PIPE TYPE "L"
---	BLACK STEEL PIPE
---	GALVANIZED STEEL PIPE
---	PIPE HUNG ON CEILING
---	PIPE BELOW FLOOR SLAB
---	PIPE BETWEEN STRUCTURAL SLAB AND FLOOR FINISH
---	ABOVE FINISH FLOOR
---	CHECK VALVE
---	GATE VALVE
---	ROOF LEADER
---	ROOF DRAIN
---	FLOOR DRAIN
---	ROOF LEADER IDENTIFICATION
---	SANITARY STACK IDENTIFICATION
---	CLEANOUT EXPOSED
---	CONTROL VALVE OR SHUT-OFF VALVE ON AIR
---	PRESSURIZED WATER
---	FIRE PROTECTION LINE OR FIRE STAND PIPE
---	PRESSURIZED WATER RISER
---	PRESSURIZED WATER DOWN SUPPLY
---	HOT WATER DOWN SUPPLY

OCCUPANCY:
TOTAL PATIENT BEDS = 27

CISTERN DESIGN CRITERIA:
27 PATIENT BEDS X 350 GPD = 9,450 GPD
RESERVE FOR FIRE PROTECTION = 3,000 GPD
12,450 GPD

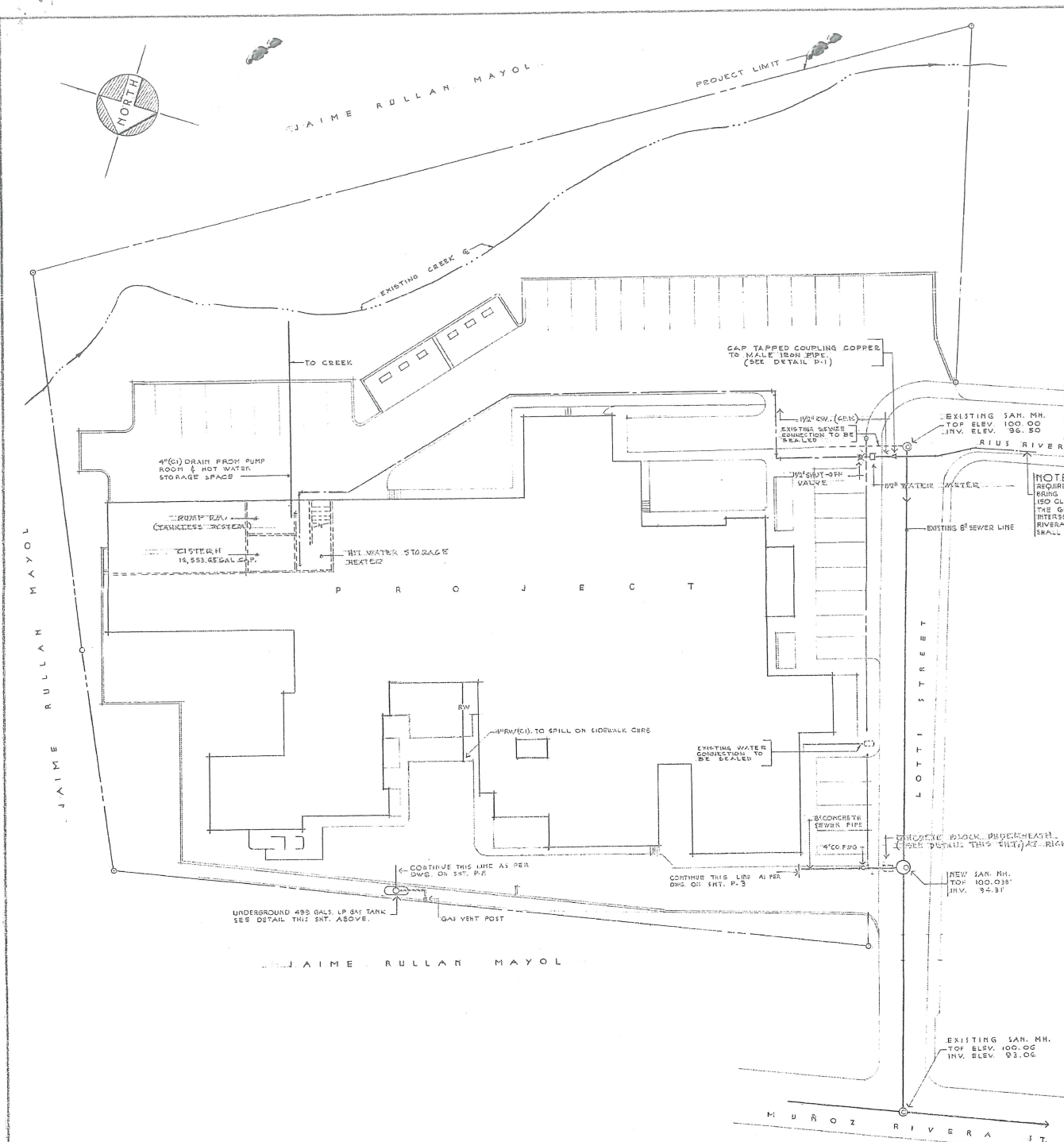
CISTERN SIZE:
18.17' X 14.0' X 6.58' LIQUID DEPTH = 1,673.22' X 7.5' X 14.73.22' = 18,553.65 GAL. CAP. OF THE CISTERN. SEE LOCATION ON SHT. P-5 AND DETAILS ON SHT. P-6.
STRUCTURAL DETAILS ARE ON SEPARATE SHEET BY THE STRUCTURAL ENGINEER.

GENERAL NOTES
ALL WATER PIPING INSIDE BUILDING SHALL BE COPPER PIPE TYPE "K".
OUTSIDE WATER PIPING 3" OR UNDER SHALL BE COPPER PIPE TYPE "K".
ALL HOT WATER PIPING HUNG ON CEILING (AC) SHALL BE INSULATED AS CALLED FOR ON SPECIFICATIONS.
SHOWER DRAINS IN ALL SHOWER BATHS SHALL BE FLOOR DRAINS 2" FD-6 AS INDICATED ON PLUMBING FIXTURES AND EQUIPMENT SCHEDULE.
VENTS AND ROOF LEADERS, SHALL BE SCHEDULE 40 P.V.C. 1120 - CS - 207-GO.

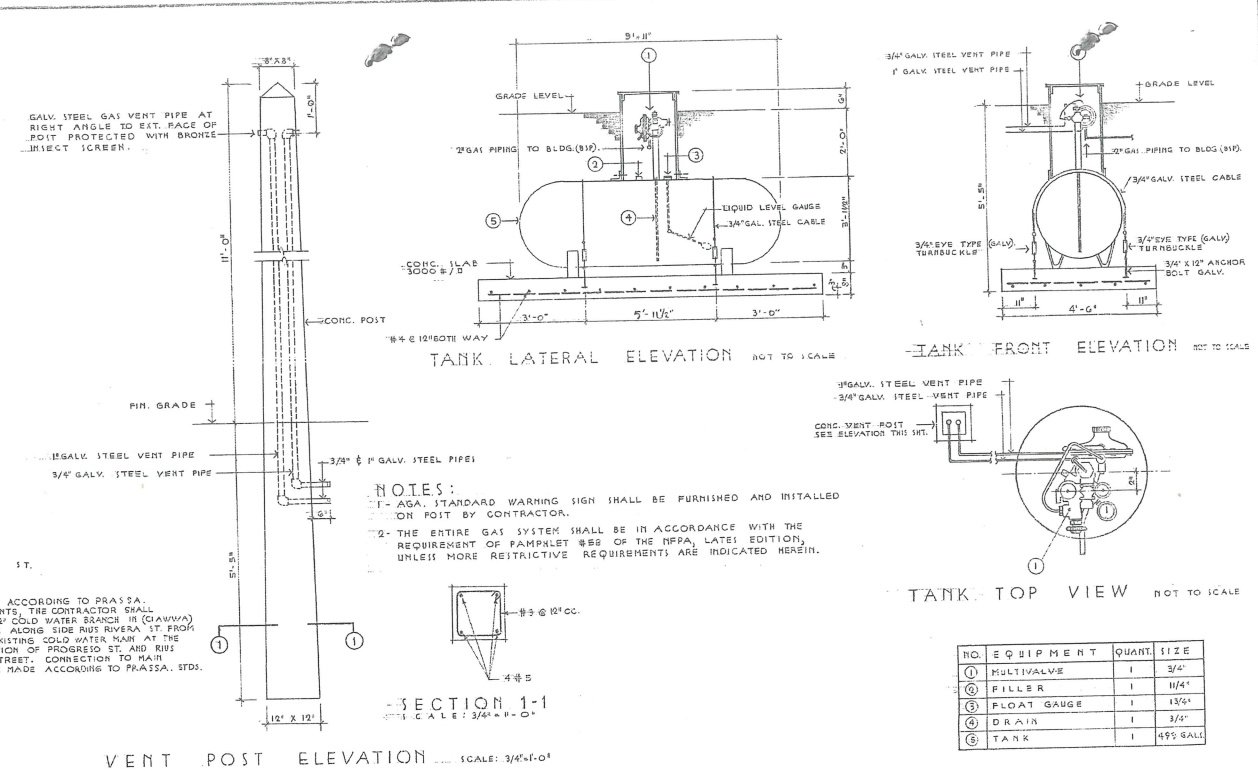
LOCATION PLAN
SCALE: 1" = 2,000'

ESTADO LIBRE ASOCIADO DE PUERTO RICO	
AUTORIDAD DE ALCAANTARILLADOS Y ALCAANTARILLADOS	
PROYECTO CONDICIONADO, DE ACUERDO CON LA CARTA ORGANICA A LA JUNTA DE PLANIFICACION, DE 1954.	
10-5-71	
Firma de [Firma]	
JEFE DE DEPARTAMENTO DE SERVICIOS REGIONALES DE INGENIERIA	

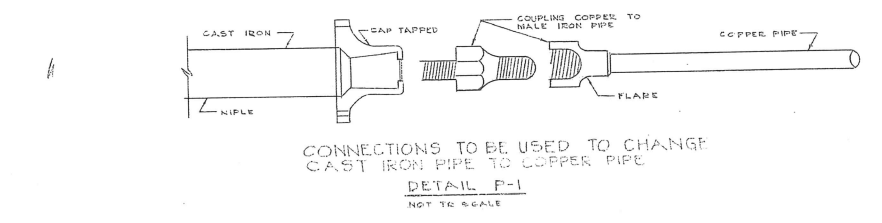
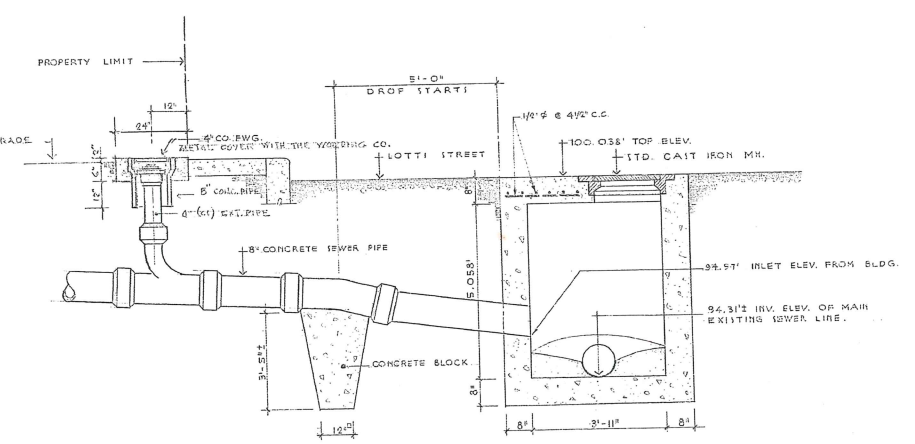
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO. DATE BY DESCRIPTION
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		REVISIONS
DESIGNED BY: LLENZA & LLENZA ARCHITECTS	DATE: 12-11-70	DRAWING NUMBER P-1
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.	DATE:	31 - 50
SAINTURCE & CAPARRA HEIGHTS & BAYAMON P.O. BOX 7416, BO. CAMERO - SAINTURCE	CHECKED: FRC	TOTAL OF SHTS. PROJECT NO.



UTILITIES SITE PLAN SCALE: 1/20



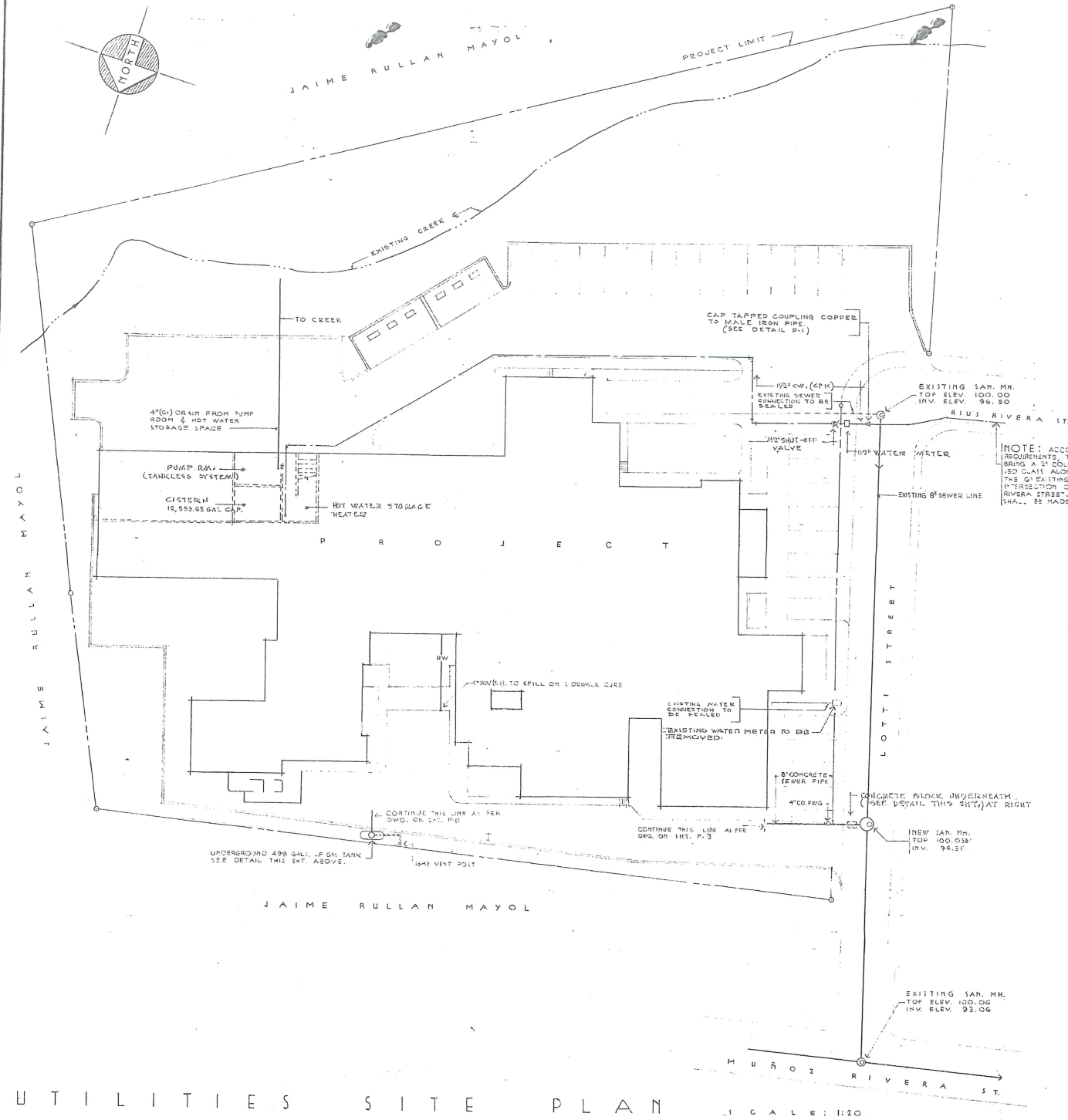
UNDERGROUND LP GAS TANK DETAILS SCALE AS SHOWN



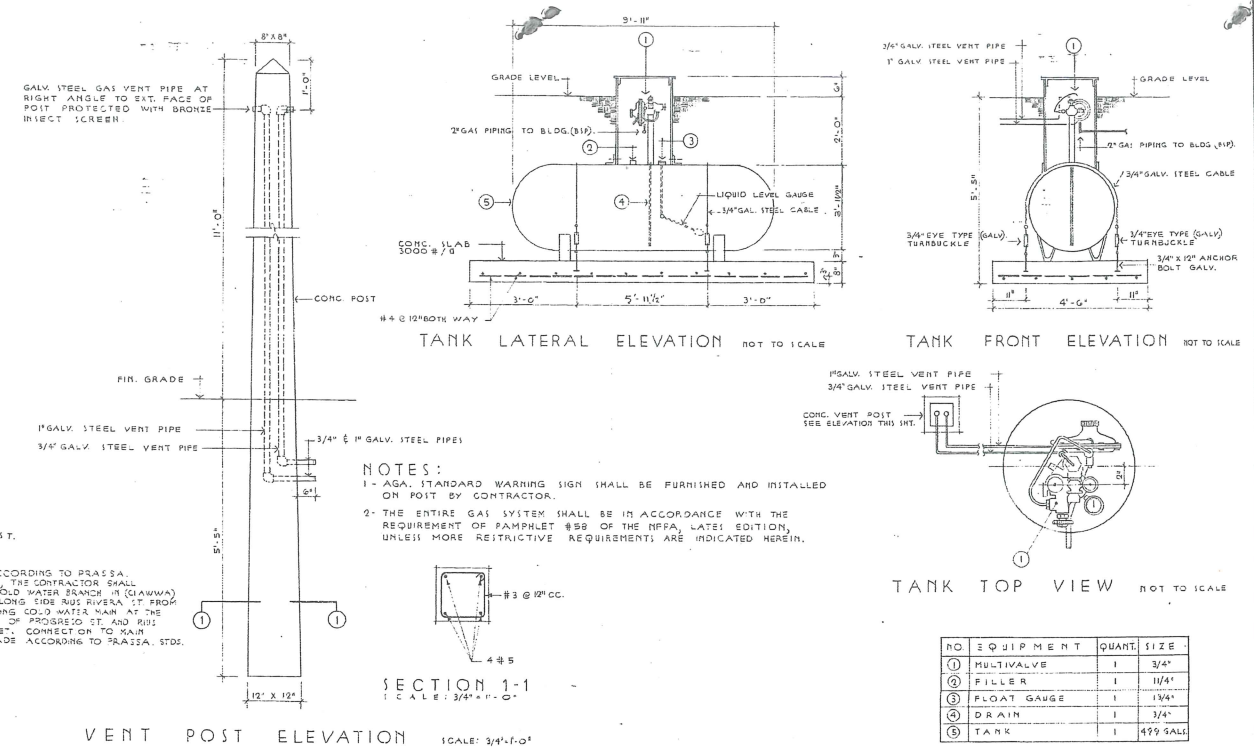
NEW SANITARY MANHOLE DETAILS SCALE: 1/20

RODRIGUEZ OLIVERI, FIRPI, IBARRA & VILLANUEVA
 ARCHITECTS
 1200 N. 10TH ST. SUITE 100
 SAN JUAN, P.R. 00906

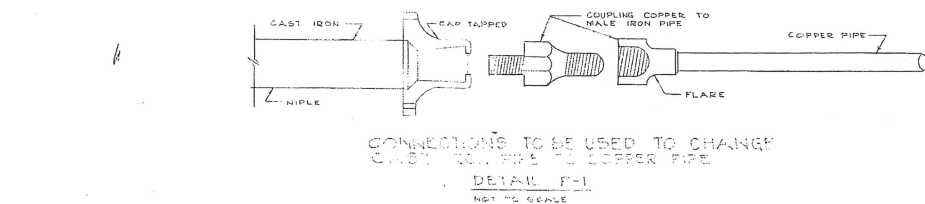
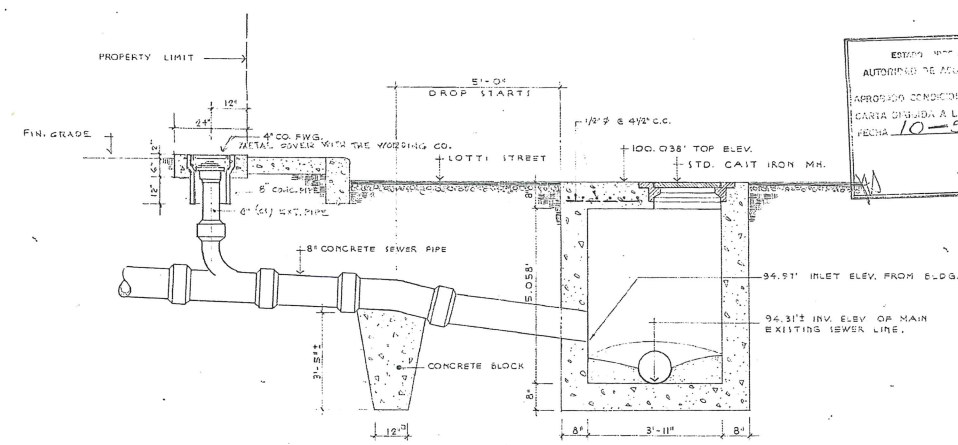
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				REVISIONS	
NO.	DATE	BY	DESCRIPTION		
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER				ADJUNTAS PUERTO RICO	
DESIGNED BY:	LLENZA	ARCHITECTS	DATE	DRAWING NUMBER	P-2
SUBMITTED BY:	CHIEF OF ARCHITECTURAL SECT.	DATE	DRAWN BY:	32 - 50	TOTAL OF SHTS.
CHECKED BY:				PROJECT NO.	



UTILITIES SITE PLAN SCALE: 1:20



UNDERGROUND L.P. GAS TANK DETAILS SCALE: AS SHOWN

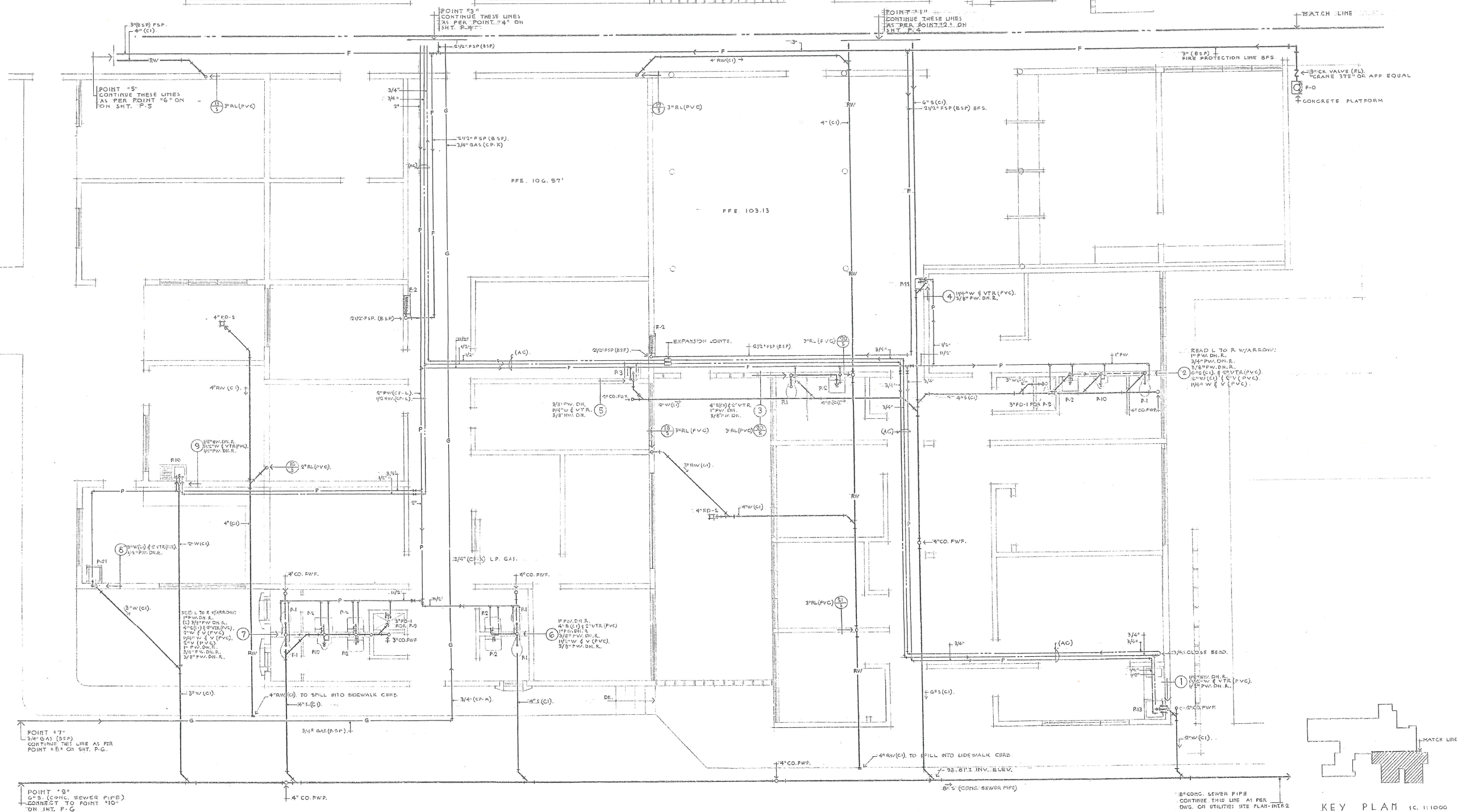


NEW SANITARY MANHOLE DETAILS SCALE: 1:20

RODRIGUEZ OLIVIERI, FIRPI, IBARRA & VILLANUEVA
mechanical-electrical consultants
DATE: 12-11-77
CHECKED: FLO

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION			
NO.	DATE	BY	DESCRIPTION
REVISIONS			
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER			
DESIGNED BY: LLENZA & LLENZA ARCHITECTS	DATE: 12-11-77	DRAWN BY:	DRAWING NUMBER P-2
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.	DATE:	TRACED BY:	32 - 50 TOTAL OF SHTS.
SAINTURCE • CAPARRA • HIGHTS • RAYANON P.O. BOX 1110 SAN JUAN, P.R. 00901	CHECKED: FLO	CHECKED BY:	PROJECT NO.

ESTADO DE PUERTO RICO
AUTORIDAD DE AGUAS Y ALCANTARILLADOS
APROBADO CONDICIONALMENTE DE ACUERDO CON LA
CARA DISEÑADA A LA JUNTA DE PLANIFICACION, DE
FECHA 10-5-77
FIRMA: [Signature]
PTE. ESTADISTAS DE SERVICIO
TÉCNICO DE INGENIERIA

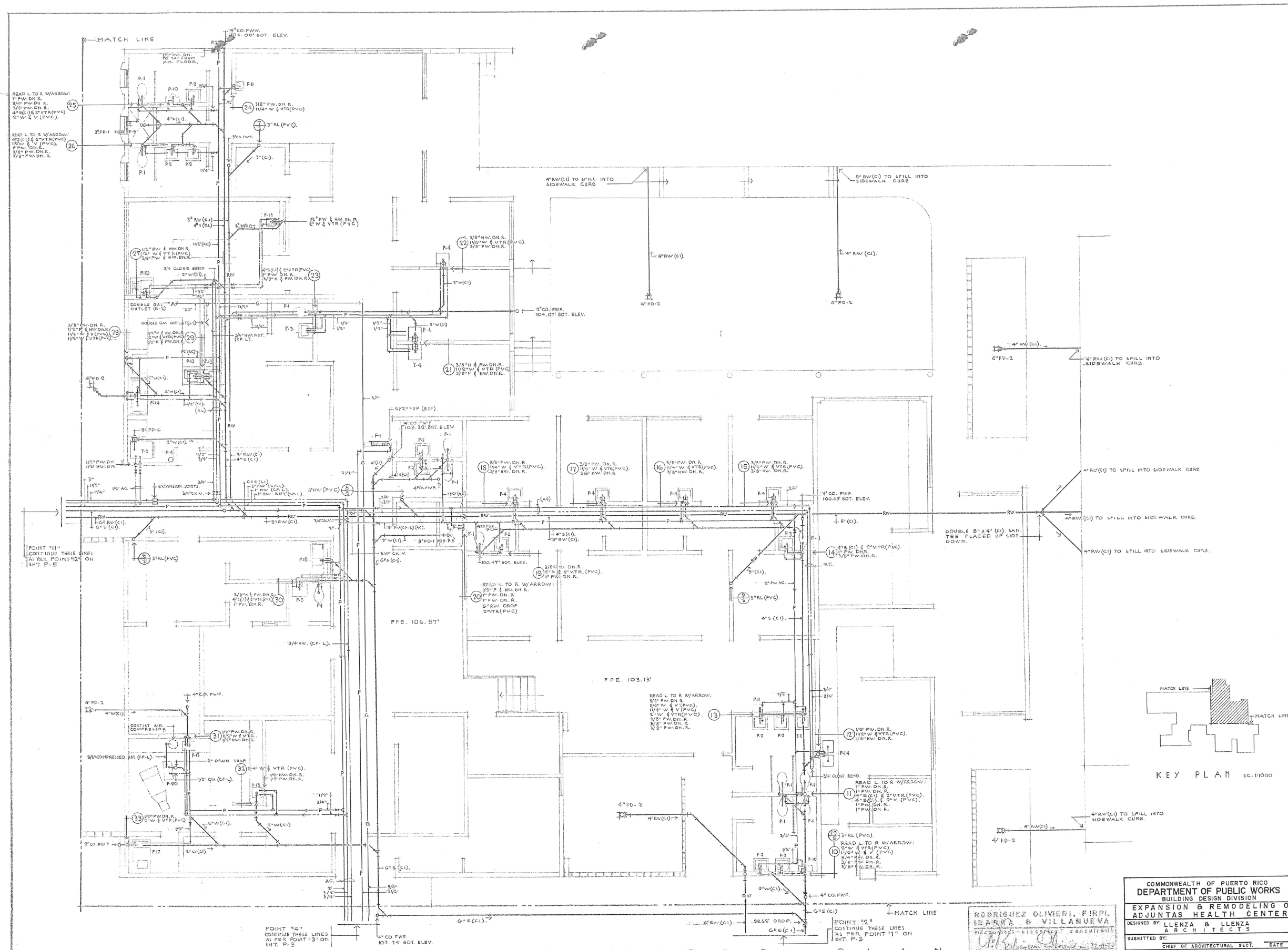


PARTIAL PLUMBING FLOOR PLAN
ADMINISTRATIVE AREA - SCALE: 1/4" = 1'-0"

SHOWING SANITARY, SEWAGE, STORM DRAINAGE, FIRE STAND PIPE AND GAS DISTRIBUTION SYSTEMS UNDERGROUND AND PRESSURIZED WATER, HOT AND HOT WATER RETURN HUNG FROM CEILING EXCEPT, WHERE OTHERWISE NOTED AND AS PER MATCH LINE ON KEY PLAN.

RODRIGUEZ OLIVERI, FIRM
IBARRA & VILLANUEVA
ARCHITECTS
12-12-70

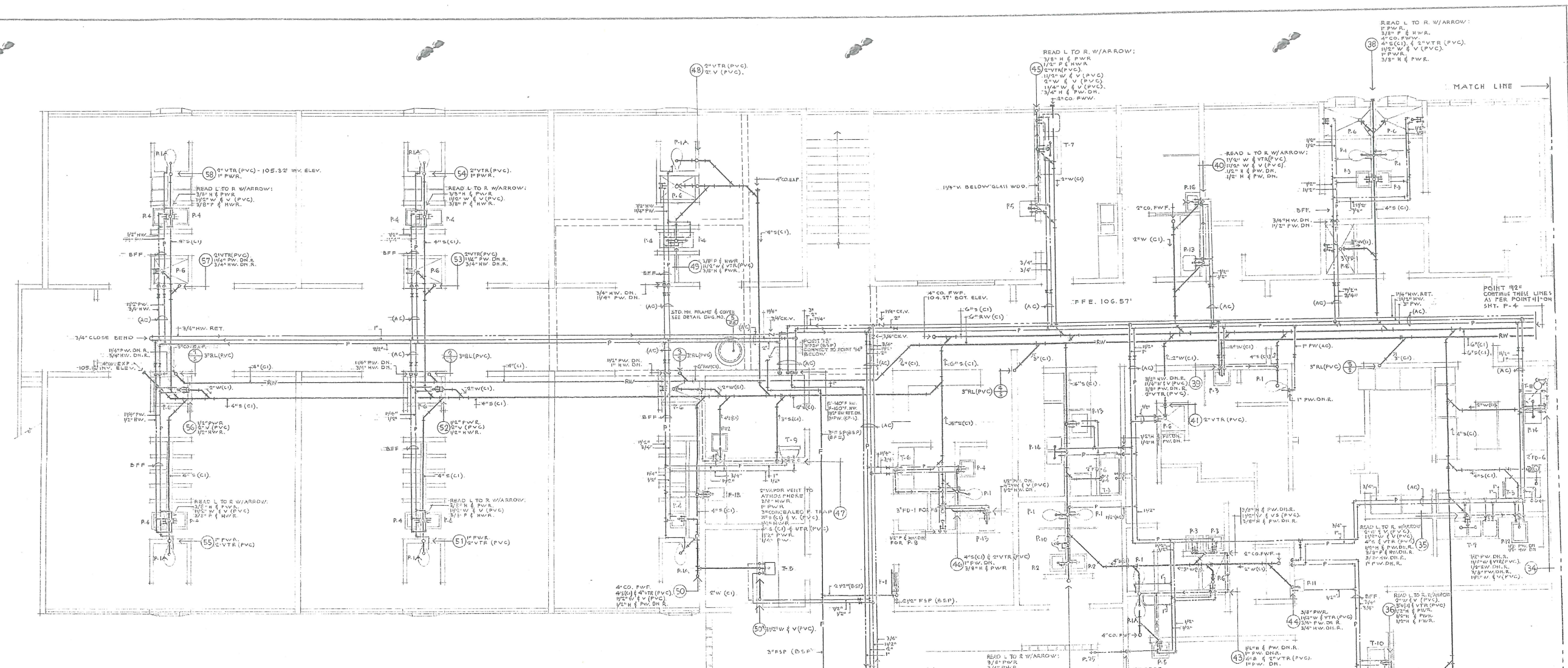
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION			
NO.	DATE	BY	DESCRIPTION
REVISIONS			
ADJUNTAS PUERTO RICO			
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		DATE	DRAWING NUMBER
DESIGNED BY: LLENZA & LLENZA ARCHITECTS		DRAWN BY:	P-3
SUBMITTED BY:		TRACED BY:	33 - 50 TOTAL OF SHEETS
CHIEF OF ARCHITECTURAL SECT.		CHECKED BY:	PROJECT NO.



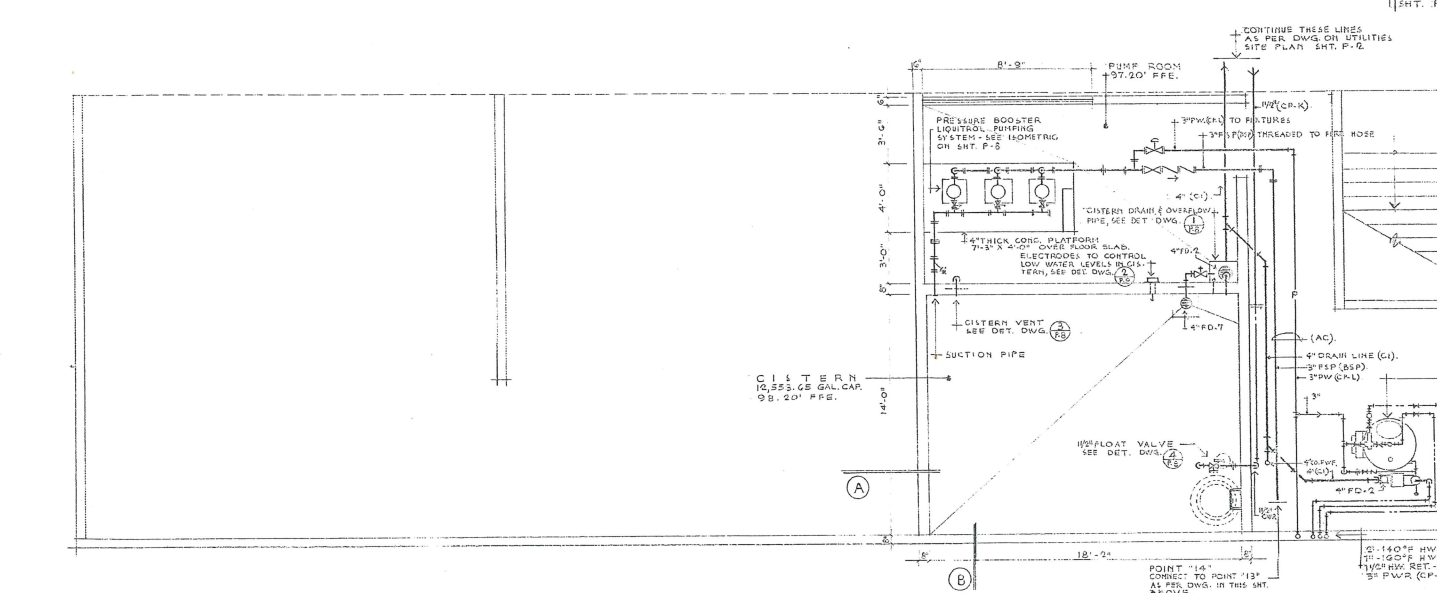
PARTIAL PLUMBING FLOOR PLAN
OUTPATIENT & EMERGENCY AREAS - SCALE: 1/4" = 1'-0"
SHOWING SANITARY SEWAGE, STORM DRAINAGE, FIRE STAND PIPE AND GAS DISTRIBUTION SYSTEMS UNDERGROUND & PRESSURIZED WATER, HOT & HOT WATER RETURN HUNG FROM CEILING, EXCEPT WHERE OTHERWISE NOTED AND AS PER MATCH LINE ON KEY PLAN.

RODRIGUEZ OLIVERI, FIRPI,
IBARRA & VILLANUEVA
ARCHITECTS

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				ADJUNTAS PUERTO RICO	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER				REVISIONS	
DESIGNED BY: LENZA & LENZA ARCHITECTS	DATE:	DRAWN BY:	DATE:	DRAWING NUMBER	P-4
SUBMITTED BY:	DATE:	TRACED BY:	DATE:	TOTAL OF SHTS.	34 - 50
CHEF OF ARCHITECTURAL SECT.	DATE:	CHECKED BY:	DATE:	PROJECT NO.	



PARTIAL PLUMBING FLOOR PLAN SCALE: 1/4"=1'-0"
 PATIENT'S ROOMS DELIVERY & OPERATING SUITE AREA.
 SHOWING SANITARY SEWAGE, STORM DRAINAGE, FIRE STAND PIPE UNDER FLOOR SLAB AND PRESSURIZED WATER, HOT & HOT WATER RETURN LINES HUNG FROM CEILING, EXCEPT WHERE OTHERWISE NOTED.



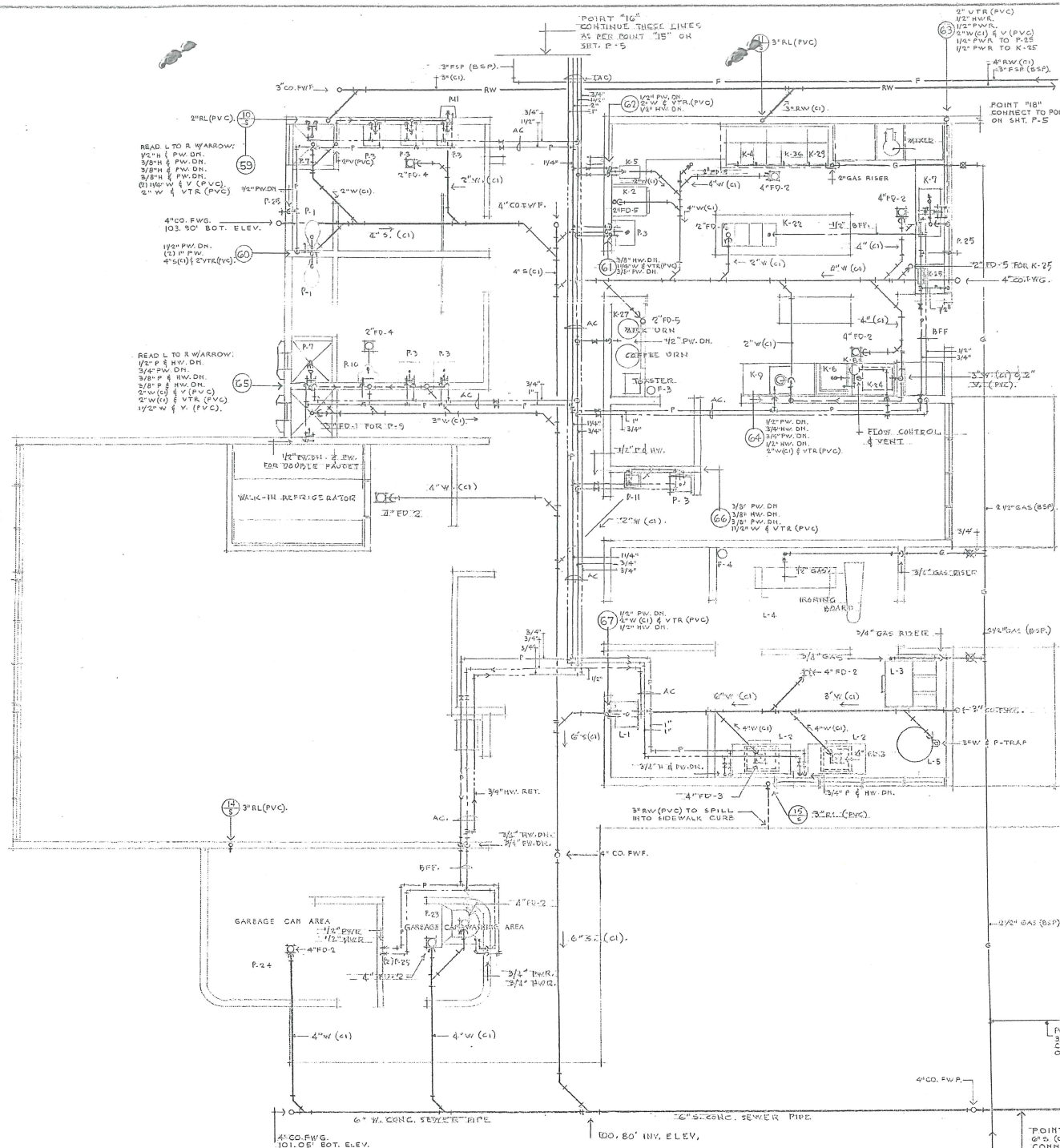
LOWER FLOOR PLUMBING PLAN SCALE: 1/4"=1'-0"

- LEGEND:**
- 3" SOLID VALVE (FLANGED) CLAYTON 1320
 - 3" FLANGED CHECK VALVE "CRANE 375"
 - 3" FLANGED GATE VALVE "CRANE 450"
 - 2" FLANGED SECTION SHUT-OFF VALVE "CRANE 461"
 - 2" FLANGED STRAINER "CRANE 505 1/2"
 - 3" ORIFICE PLATE

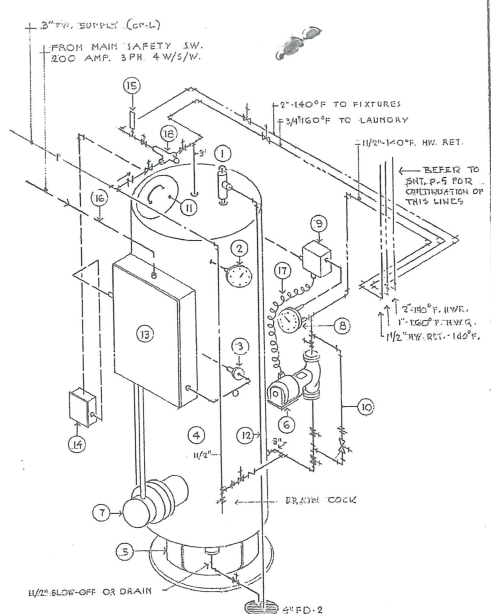
(P-22)
 ELECTRIC STORAGE WATER HEATER
 SEE DETAIL SHT. P-6

RODRIGUEZ OLIVERI, FIRPI,
 IBARRA & VILLANUEVA
 ARCHITECTS
 100 N. 10TH ST. SUITE 200
 SAN JUAN, P.R. 00901
 TEL. (786) 751-1234

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				NO. DATE BY DESCRIPTION REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER				ADJUNTAS PUERTO RICO	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS				DATE	DRAWING NUMBER P-5
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.				DRAWN BY	
				TRACED BY	35 - 50 TOTAL OF SHTS.
				CHECKED BY	PROJECT NO.

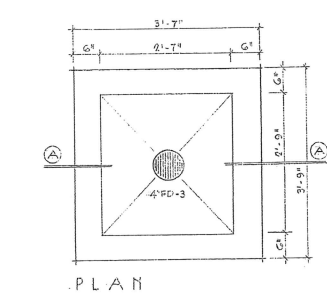
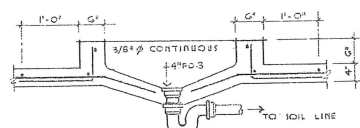


- LEGEND:**
1. 3/4" PRE-INSULATED & TEMPERATURE RELIEF VALVE, 1ST AT 125 PSIG. AIME CODED.
 2. THERMOSTAT-REMOTE BULB
 3. PATTERSON-KELLEY PK. ELECTRIC STORAGE WATER HEATER (P-22). 4V FOR 338 GALL. STORAGE CAPACITY WITH PKW-MODEL GOV. FOR 280 GPH. HEATING CAPACITY - 45 KW. INPUT. 208 V. WITH 88°F RISE. SIZE 36" DIA. METER X 84" SHELL LENGTH AND 92" OAL. AIME CODED FOR 125 WORKING PRESSURE - SPECIAL FORMULA C-17 PRE-KRETE LINING.
 5. IRON SUPPORT RING
 6. 1 1/2" HW. FLANGED ALL BRONZE B & G BOOSTER PUMP WITH 1/16 HP. MOTOR 1720 RPM, 60 CYCLES - 115 V. - 21 GPM. VS. 12" HD.
 7. FLANGED IMMERSION HEATING ELEMENT
 8. NORMALLY CLOSED AQUASTAT-IMMERSION TYPE - 100°-200° RANGE. CALIBRATED TO MAINTAIN 160°F.
 9. JUNCTION BOX
 10. BY PASS
 11. MANHOLE AS DIRECTED BY MANUFACTURER.
 12. 3/4" COPPER PIPE - P.E.T. RELIEF VALVE RELIEFING PIPE
 13. PANEL CONTROL BOX AS SUPPLIED BY MANUFACTURER OF STORAGE WATER HEATER - CUSTOM WIRED & TESTED.
 14. CIRCULATING PUMP MOTOR SWITCH - 30 AMP. 2 P. - 250 V. SURFACE MOUNTED TYPE D-FUSED. 15 AMP.
 15. THERMOMETER (NOT SHOWN)
 16. 3 C # 2 TW. IN 2" RIGID GALV. STEEL CONDUIT.
 17. 2 # 4 ALBERTO WIRE (CONDUIT AS REQUIRED).
 18. COPPER TO COPPER 125 LBS. SWP. (SIZE AS PER PIPE SIZE), NIBCO-SCOTT S-113 SOLDER OR APPROVED EQUAL.
 19. COPPER TO COPPER 125 LBS. SWP. (SIZE AS PER PIPE SIZE), NIBCO-SCOTT S-113 SOLDER OR APPROVED EQUAL.
 20. COPPER TO COPPER UNION-WROUGHT COPPER (SIZE AS PER PIPE SIZE) - NIBCO-SCOTT 433 OR APP. EQUAL.
 21. I.F.S. INSIDE FLOOR SLAB
 22. A.C. AT CEILING OR OVERHEAD
 23. HOLBY-TEMP. REGULATING VALVE - (1/2") 160°F TO 140°F. RANGE

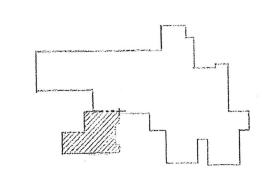


STORAGE WATER HEATER CONNECTIONS (P-22)

NOTE: ALL PIPING UNLESS NOTED, SHALL BE COPPER PIPE, HARD DRAWN TYPE #1.



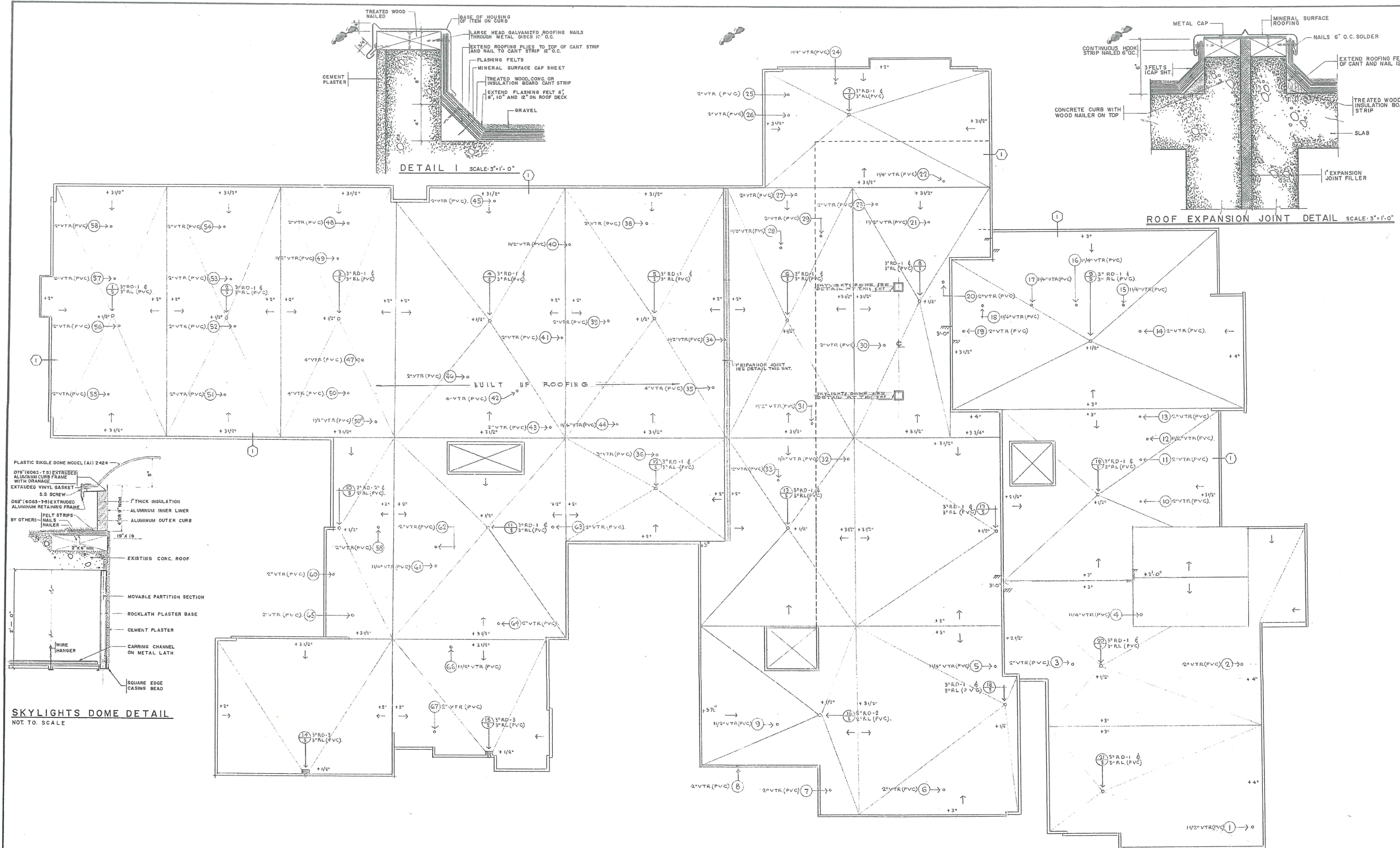
SECTION A-A
GUTTER DETAIL FOR 50 LBS. WASHER
SCALE: 3/4" = 1'-0"



KEY PLAN SC. 1:1000

PARTIAL PLUMBING FLOOR PLAN
KITCHEN, DINING ROOM, LAUNDRY ROOM & GENERAL STORAGE AREAS - SCALE: 1/4" = 1'-0"
SHOWING SANITARY SEWAGE, STORM DRAINAGE, FIRE STAND PIPE UNDER FLOOR SLAB AND PRESSURIZED WATER, HOT & HOT WATER RETURN LINES HUNG FROM CEILING, EXCEPT WHERE OTHERWISE NOTED.

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO.		DATE	BY	DESCRIPTION
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		REVISIONS				
RODRIGUEZ OLIVERI, FIRSI, BARBA & VILLANUEVA MECHANICAL-PLUMBING CONSULTANTS		ADJUNTAS PUERTO RICO				
DESIGNED BY: LENZA & LENZA ARCHITECTS	DATE	DRAWN BY:	DRAWING NUMBER P - 6			
SUBMITTED BY:	DATE	TRACED BY:	36 - 50			
CHIEF OF ARCHITECTURAL SECT.		CHECKED BY:	TOTAL OF SHEETS			
NO. 1. 2115 30 08640-SANTURCE		PROJECT NO.		FEB		

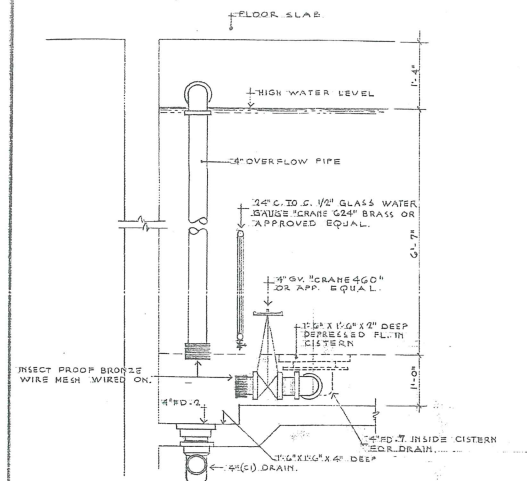


G E N E R A L R O O F P L U M B I N G P L A N

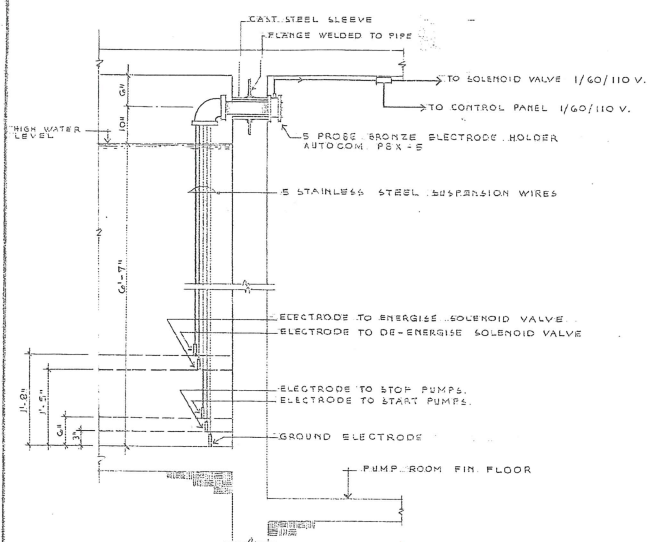
NOTE: ALL ROOF AREAS SHALL RECEIVE BUILT-UP ROOFING ACCORDING TO SPECS.

RODRIGUEZ OLIVERI, FIRPI,
IBARRA & VILLANUEVA
MECHANICAL-ELECTRICAL CONSULTANTS
SAN JUAN, PUERTO RICO

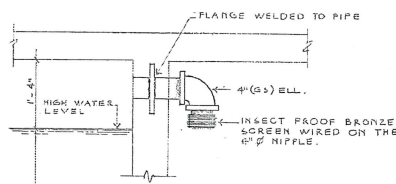
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				NO. DATE BY DESCRIPTION REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER PUERTO RICO				ADJUNTAS DRAWING NUMBER P-7	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS				DATE	
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.				DATE	
				TRACED BY:	
				CHECKED BY:	
				37 - 50 TOTAL OF SHTS. PROJECT NO.	



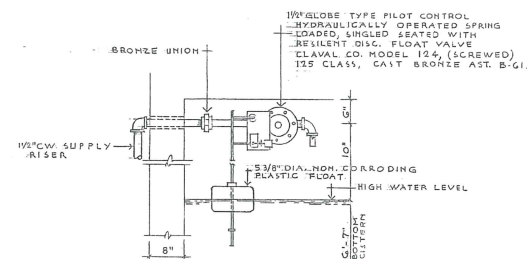
DET. DWG. 1 (P.8) SCALE: 3/8" = 1'-0"
SHOWING CISTERN DRAIN & OVERFLOW PIPE.



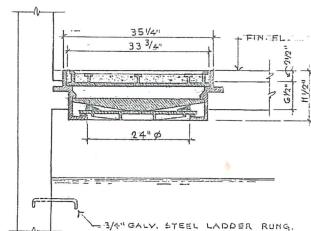
DET. DWG. 2 (P.8) SCALE: 3/8" = 1'-0"
SHOWING THE SYSTEM TO CONTROL LOW LEVELS OF WATER INSIDE THE CISTERN.



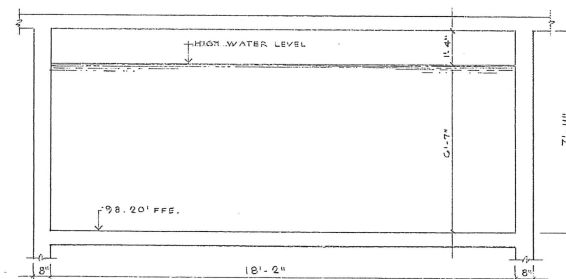
DET. DWG. 3 (P.8) SCALE: 3/8" = 1'-0"
SHOWING CISTERN VENT SYSTEM.



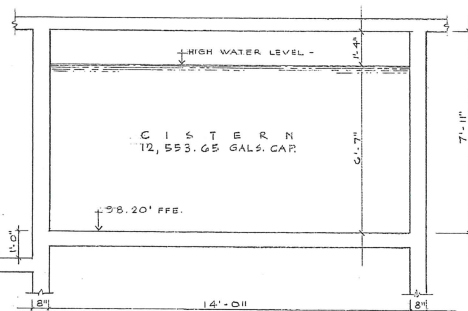
DET. DWG. 4 (P.8) NOT TO SCALE
SHOWING FLOAT VALVE INSIDE CISTERN.



DET. DWG. 5 (P.8) SCALE: 3/8" = 1'-0"
SHOWING MANHOLE COVER & LADDER RUNGS. DETAIL.
MANHOLE FRAME & COVER TO BE SIMILAR OR EQUAL TO FLOCKHART 24" TYPE 201-SAC. NO. 28 557.

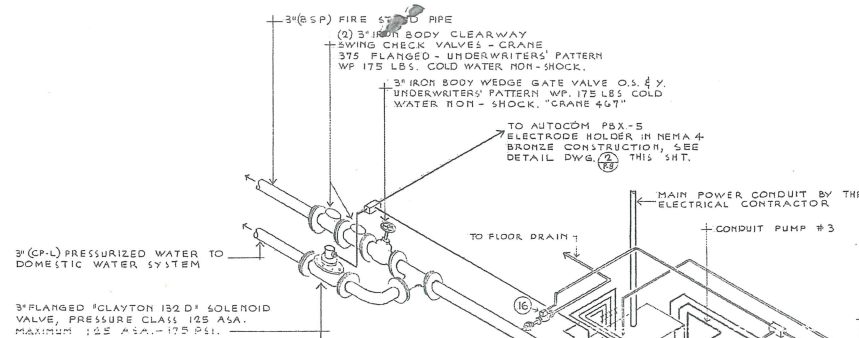


SECTION "A" SCALE: 3/8" = 1'-0"



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

CISTERN DETAILS SCALE AS SHOWN
NOTE: FOR STRUCTURAL DETAILS, SEE STRUCTURAL PLANS.



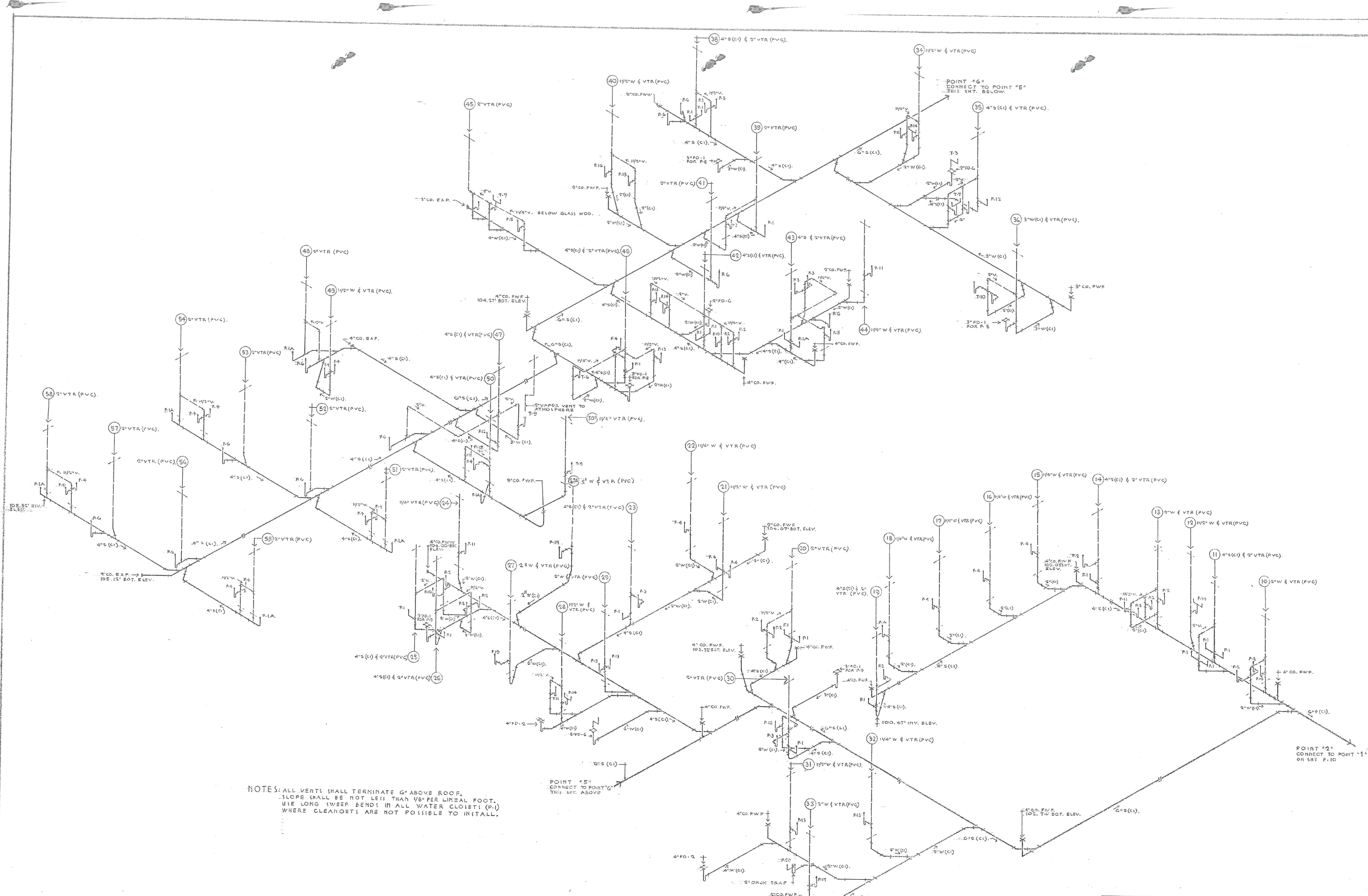
NOTE:
ALL TUBING SHALL BE 1/4" Ø COPPER PIPE TYPE "L". CONDUITS SHALL BE GALVANIZED OR AS OTHERWISE RECOMMENDED BY THE MANUFACTURER OF THE EQUIPMENT.

LIQUI-TROL SYSTEMS, INC.
SHOWING - THREE PUMP PRESSURE BOOSTER SYSTEM - COMPONENTS PARTS NOT DESCRIBED BY TRADE NAME OR MANUFACTURER, ARE TO BE FURNISH BY THE LIQUI-TROL SYSTEMS, INC.

- LEGEND:
- 2 HP. VERTICAL INDUSTRIAL TURBINE MULTISTAGE PUMP, WITH GLASS LINED CASING, BRONZE IMPELLERS AND STAINLESS STEEL SHAFT. CAPABLE OF HANDLING 40 GPM. WHILE PUMPING AGAINST 104 FT. HEAD OR 45 PSI G., TO OPERATE IN 208 V., 3500 RPM. 3PH. 60 CYCLES. SIMILAR OR EQUAL TO LIQUI-TROL - CODE 203.
 - 3HP. SAME AS ABOVE BUT CAPABLE OF HANDLING 80 GPM. WHILE PUMPING AGAINST 104 FT. HEAD OR 45 PSI G. SAME AS ABOVE.
 - FACTORY WIRED AND TESTED MODULE TYPE CONTROL CABINET OF NEMA 12 DESIGN, FOR FLOOR MOUNTING. SHALL BE EQUAL OR SIMILAR TO CLASS 3 AS MANUFACTURED BY LIQUI-TROL SYSTEMS, INC.
 - "CRANE 989 1/2" - FLANGED 3" Y- PATTERN SEDIMENT SEPARATOR (IRON BODY).
 - 3" ORIFICE PLATE - WITH HI-PRESS ORIFICE FLANGE AND LO-PRESSURE ORIFICE FLANGE.
 - 2" SUCTION SHUT-OFF VALVE, FLANGED "CRANE 4G1" NON-RISING STEM.
 - 1/2" FLANGED SINGLE-PATTERN, PILOT OPERATED DIAPHRAGM TYPE PRESSURE REGULATING & NON-SLAM CHECK VALVE, WITH HIGH TENSILE STRENGTH CAST IRON BODY WITH STAINLESS STEEL TRIM. VALVE SHALL HAVE STABLE CHARACTERISTIC AT ALL FLOW POINT WITHIN ITS OPERATING RANGE.
 - SAME AS ABOVE BUT 2" SIZE.
 - 1/2" FLEXIBLE CONNECTOR - WITH INTEGRALLY MOLDED "SOUND SORBER" RING, CAPABLE OF REMOVING NOT LESS THAN 93% OF THE VIBRATION.
 - SAME AS ABOVE BUT 2" SIZE.
 - 1/2" DISCHARGE SHUT-OFF VALVE - FLANGED "CRANE 4G1" NON-RISING STEM.
 - SAME AS ABOVE BUT 2" SIZE.
 - 1/2" FLANGE LONG RADIUS ELL - 125 LBS. CAST IRON "CRANE 551"
 - 3" X 2" FLANGED REDUCING 45° WYE - 125 LBS. CAST IRON "CRANE OR WALWORTH."
 - SOLENOID PURGE VALVE
- 1/4" BRASS GAGE LINE COCKS - SIMILAR OR EQUAL TO "CRANE 712" TEE HEAD.

RODRIGUEZ OLIVERI, FIRPL
BARRA & VILLANUEVA
ARCHITECTS

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION			
NO.	DATE	BY	DESCRIPTION
REVISIONS			
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		ADJUNTAS PUERTO RICO	
DESIGNED BY: LLENZA & LLENZA	DATE	DRAWN BY:	DRAWING NUMBER P-8
SUBMITTED BY:	DATE	TRACED BY:	38 - 50
CHIEF OF ARCHITECTURAL SECT.		CHECKED BY:	TOTAL OF SHTS.
			PROJECT NO.



NOTES: ALL VENTS SHALL TERMINATE 6" ABOVE ROOF.
 SLOPE SHALL BE NOT LESS THAN 1/8" PER LINEAL FOOT.
 USE LONG SWEEP BENDS IN ALL WATER CLOSETS (P.I.)
 WHERE CLEARDOUTS ARE NOT POSSIBLE TO INSTALL.

S A N I T A R Y I S O M E T R I C

RODRIGUEZ OLIVERI, FIRPI
 IBARRA & VILLANUEVA
 ARCHITECTS

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION			
NO.	DATE	BY	DESCRIPTION
REVISIONS			
ADJUNTAS HEALTH CENTER PUERTO RICO			
DESIGNED BY:	LENZA & LENZA	DATE	DRAWING NUMBER
SUBMITTED BY:	CHIEF OF ARCHITECTURAL SECT.	DATE	P-9
TRACED BY:			39-50
CHECKED BY:			TOTAL OF SHS.
			PROJECT NO.

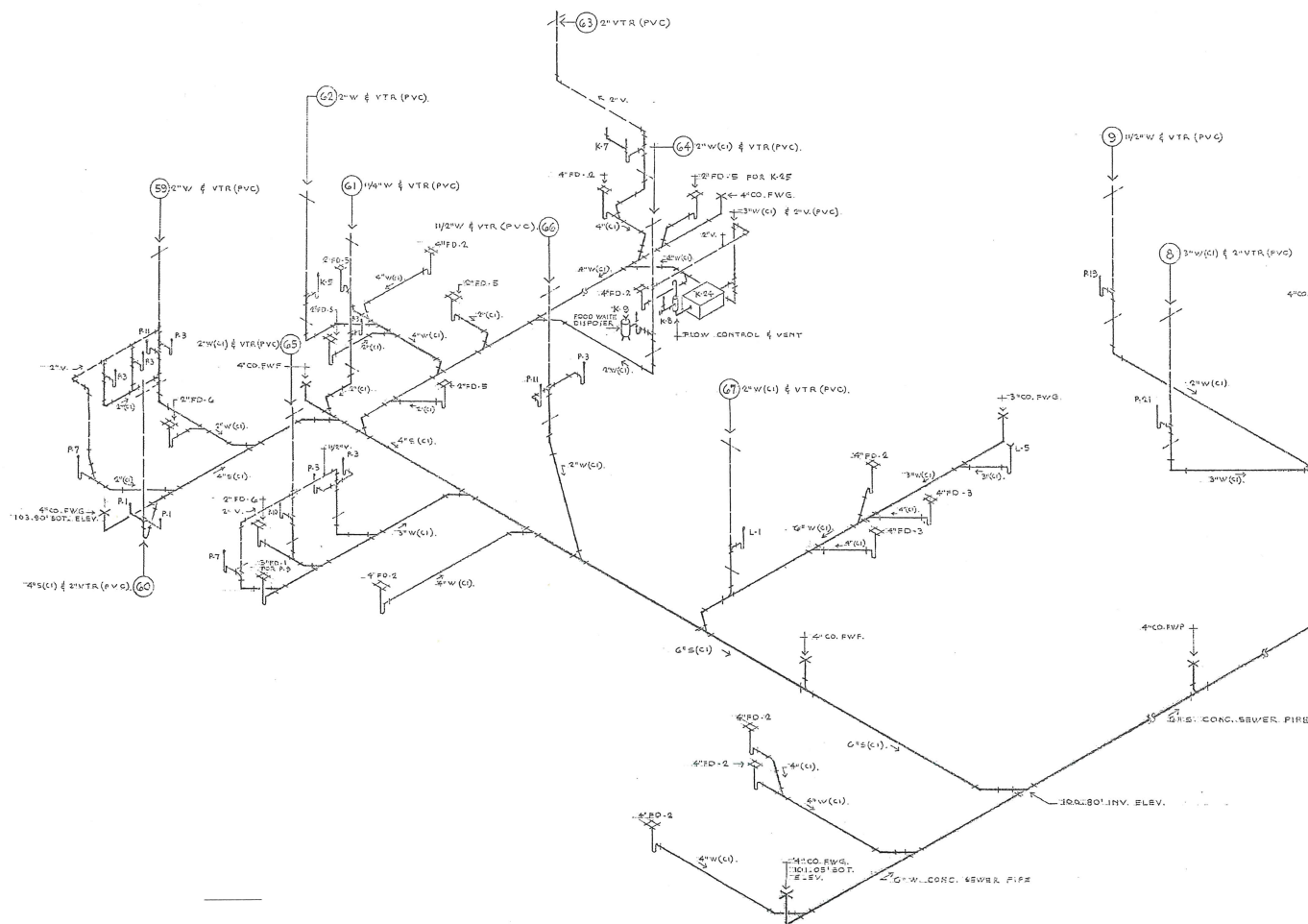
LEGEND:

F-0 SIAMMSE CONNECTION - SIDEWALK TYPE TO BE MOUNTED ON CONCRETE PLATFORM, 4" X 2 1/2" X 2 1/2" COMPLETE WITH POLISHED SLEEVE, HEAVY ESCUTCHEON AND POLISHED SIAMMSE WITH PLUGS AND CHAINS. SIMILAR OR EQUAL TO STANDARD FIRE HOSE CO. 207, HEIGHT TO BE 24" SLEEVE.

F-1 STAINLESS STEEL COMPLETE FIRE HOSE CABINET, WITH 100' - 1 1/2" UL LINE HOSE AND FOR HOZZLE. UNIT SHALL BE SIMILAR OR EQUAL TO STANDARD FIRE HOSE CO. UNIT NO. 88, RECESSED CABINET 82S, DOOR STYLE D-DUO - PANEL, HOSE RACK COMPLETE 100 U AND STANDARD NO. 135 - 2 1/2" FIRE DEPT. VALVE WITH CAP AND CHAIN.

F-2 SAME AS ABOVE EXCEPT THAT UNIT SHALL BE THE 94 R. AND RECESSED CABINET 810 FOR 750' - 1 1/2" UL HOSE, HOSE RACK 47S UR.

FIRE STAND PIPE DIAGRAM



SANITARY ISOMETRIC

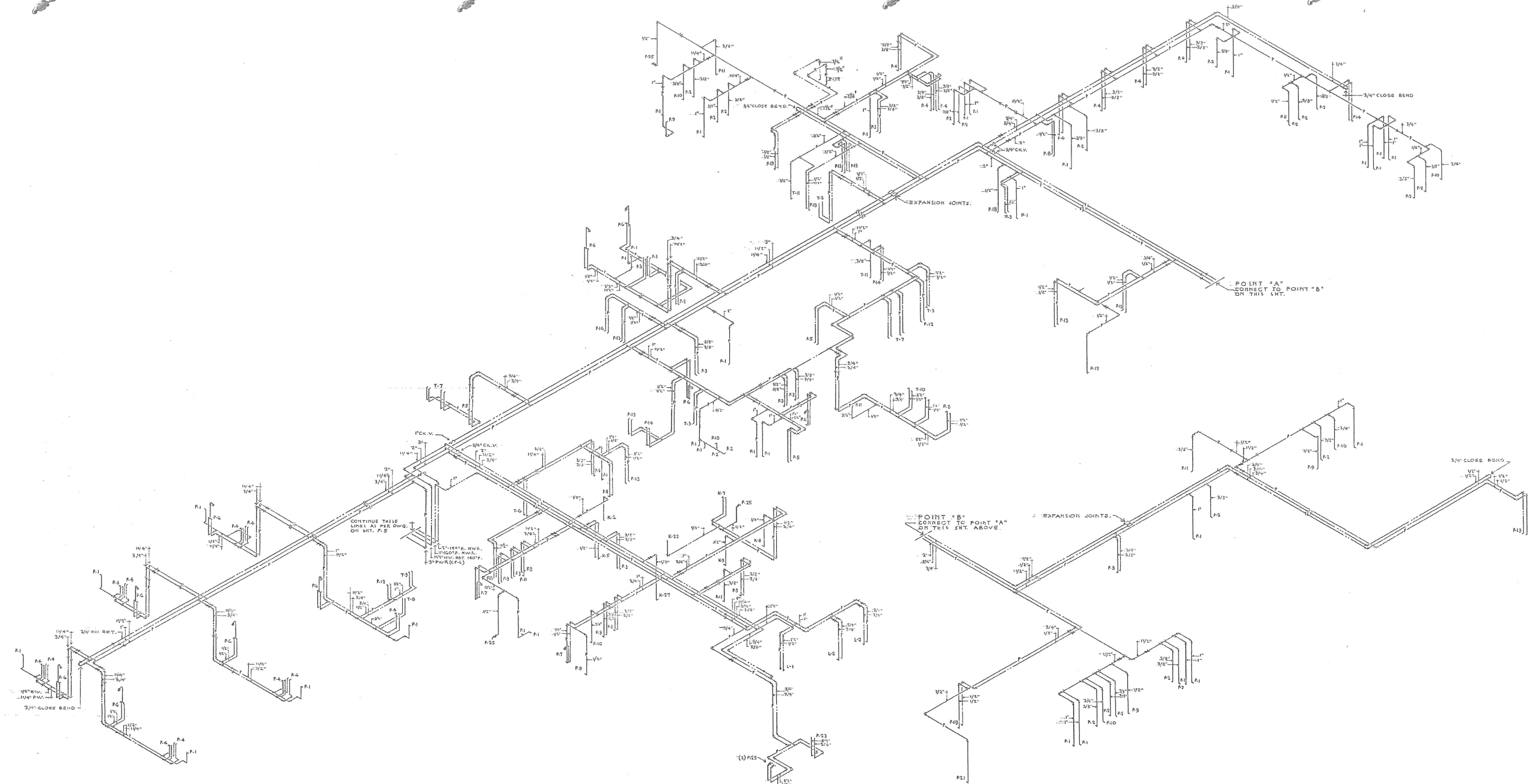
NOTES: ALL VENTS SHALL TERMINATE 6" ABOVE ROOF.
SLOPE SHALL BE NOT LESS THAN 1/8" PER LINEAL FOOT.
USE LONG SWEER BENDS IN ALL WATER CLOSETS (F-1)
WHERE CLEAHOOTS ARE NOT POSSIBLE TO INSTALL.

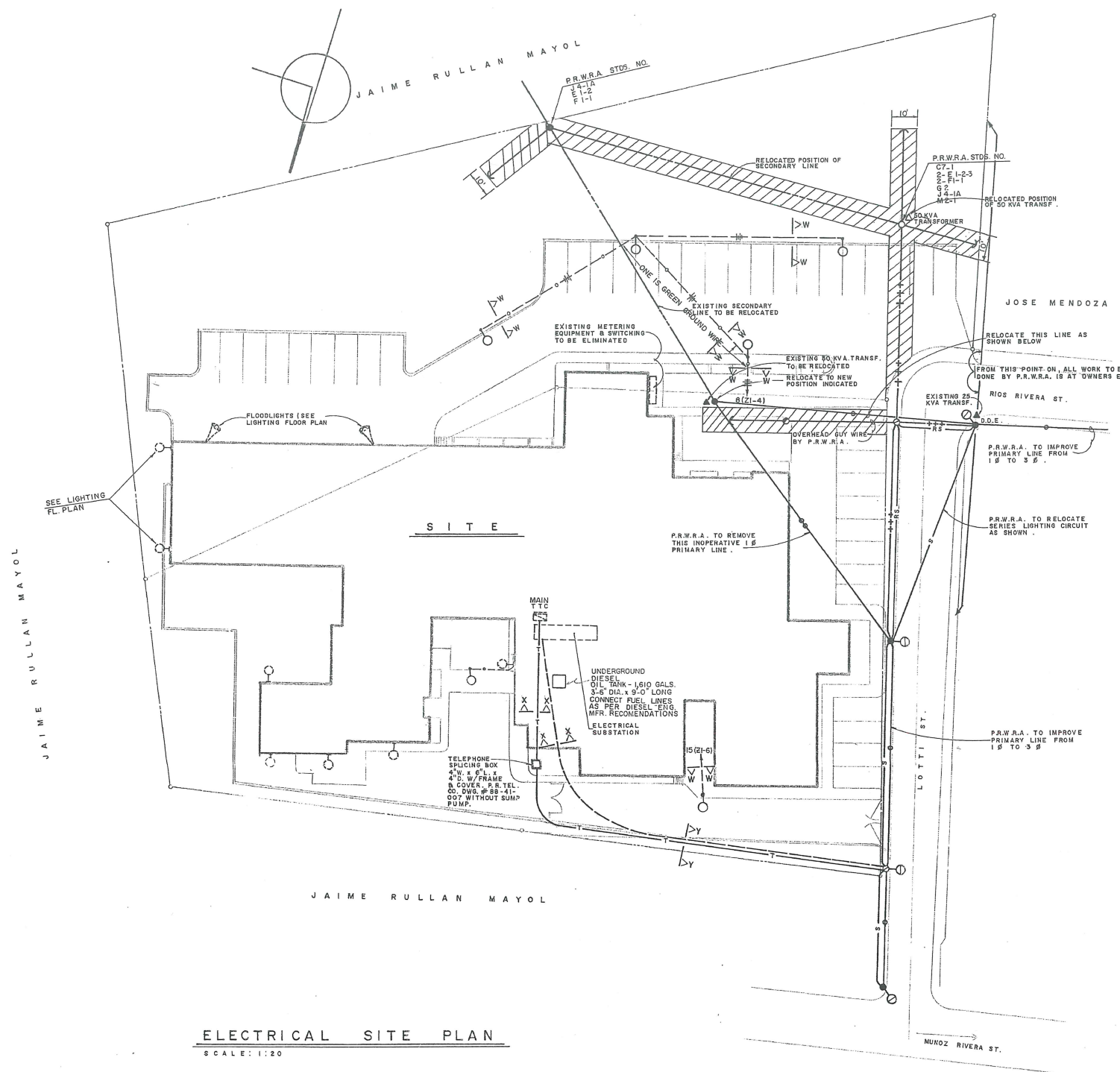
RODRIGUEZ OLIVERI, FIRPI,
IBARRA B VILLANUEVA
ARCHITECTS

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				NO. DATE BY DESCRIPTION REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER				ADJUNTAS PUERTO RICO	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS				DATE: 12-1-70 DRAWN BY: P-10	
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.				DATE: 12-1-70 TRACED BY: 40-50 TOTAL OF SHTS.	
CHECKED BY: PROJECT NO.				PROJECT NO.	

HOT & PRESSURIZED WATER ISOMETRIC

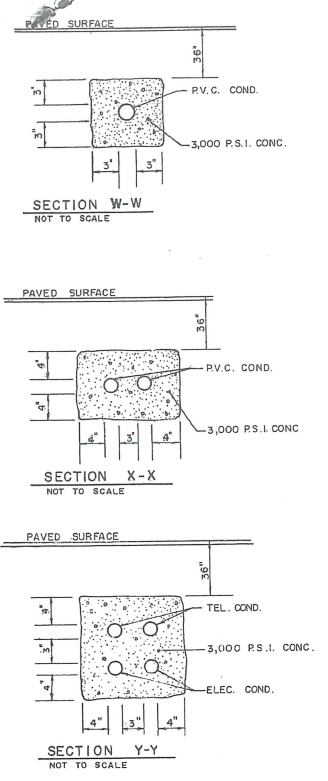
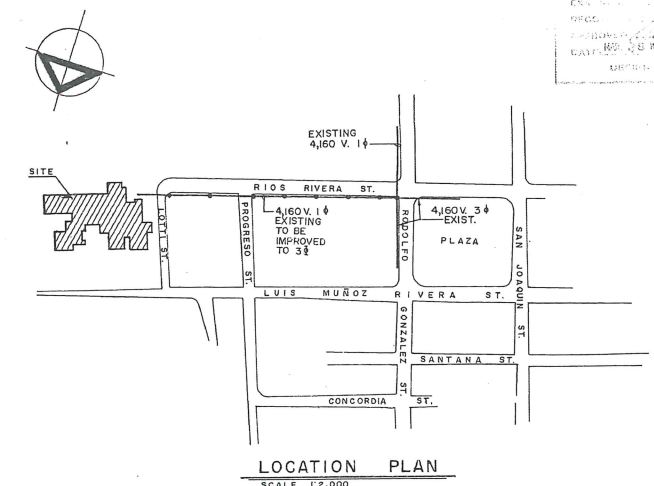
APPROXIMATE SCALE: 1/8" = 1'-0"





- LEGEND**
- EXISTING P.W.R.A. POLE.
 - NEW 40' CLASS 3 POLE BY P.W.R.A. AT CONTRACTOR EXPENSE.
 - EXISTING P.W.R.A. 4,160 V. PRIMARY LINE TO REMAIN UNLESS OTHERWISE INDICATED.
 - EXISTING 10 P.W.R.A. PRIMARY LINE (OUT OF SERVICE) TO BE REMOVED.
 - RELOCATED POSITION OF 10, 4,160 V. PRIMARY LINE. RELOCATION BY P.W.R.A. AT CONTRACTOR'S EXPENSE.
 - NEW 40' CLASS 3 CREOSOTED POLE BY P.W.R.A.
 - NEW 30' CLASS 5 CREOSOTED POLE BY P.W.R.A.
 - NEW 4,160 V. 30 PRIMARY LINE BY P.W.R.A.
 - EXISTING LIGHTING SERIES CIRCUIT.
 - RELOCATED POSITION OF LIGHTING SERIES CIRCUIT.
 - D.D.E. DOUBLE DEAD END.
 - NEW UNDERGROUND PRIMARY LINE, 3/4" C # 2, COPPER, 15 KV. CROSS-LINKED POLYETHYLENE INSULATED, SHIELDED WITH P.V.C. JACKED OVER SHIELD & 1/2" BARE COPPER WIRE IN 3" P.V.C. CONDUIT, PLUS ONE SPARE 3" P.V.C. CONDUIT CAPPED AT EACH END.
 - 2-3" UNDERGROUND P.V.C. CONDUITS (#2110 SDR 21) FOR TELEPHONE FACILITIES.
 - 35 FT. CONCRETE LIGHTING STANDARD SET 7 FT. IN GROUND WITH 4 FT. ARM AND 250 WATTS I.E.S. ASSYM. TYPE II MERCURY VAPOR CLOSED LEXAN REFRACTOR LUMINAIRE WITH 120V. REGULATOR, BUILT-IN BALLAST, MULTIPLE MODUL. SOCKET, INDIVIDUAL PHOTOELECTRIC CONTROL (P.W.R.A. APPROVED TYPE) AND 250 WATTS, 11,000 LUMENS, 9" LCL MERCURY CLEAR LAMP SIMILAR TO P.W.R.A. STD. # 9 TL-2 EXCEPT ARM AND LUMINAIRE AS SPECIFIED. LUMINAIRE SHALL BE G.E. CAT. NO. C780005 (WITH LEXAN PLASTIC REFRACTOR.)
 - 4 #10 TW WIRES IN 1" P.V.C. CONDUIT, 36" BELOW PAVED SURFACE
 - NEW 10' WIDE P.W.R.A. RIGHTS OF WAY
 - EXISTING P.W.R.A. LUMINAIRE TO REMAIN.

- NOTES**
- 1- ALL WORK ON PRIMARY AND SECONDARY LINES BY P.W.R.A. AT CONTRACTORS EXPENSE.
 - 2- COORDINATE ALL WORK WITH P.W.R.A. OFFICE AT ARECIBO, P.R. BEFORE THE CONSTRUCTION BEGINS.



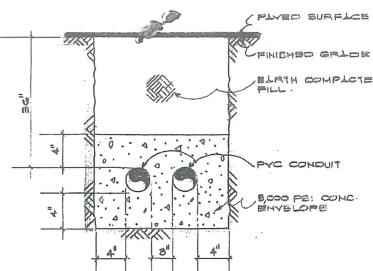
ELECTRICAL LOCATION & SITE PLAN

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				NO. DATE BY DESCRIPTION REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER				ADJUNTAS PUERTO RICO	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS	DATE	DRAWN BY	CHECKED BY	DRAWING NUMBER E-1	
SUBMITTED BY:				42 - 49 TOTAL OF SHES	
CHIEF OF ARCHITECTURAL SECT.				PROJECT NO.	

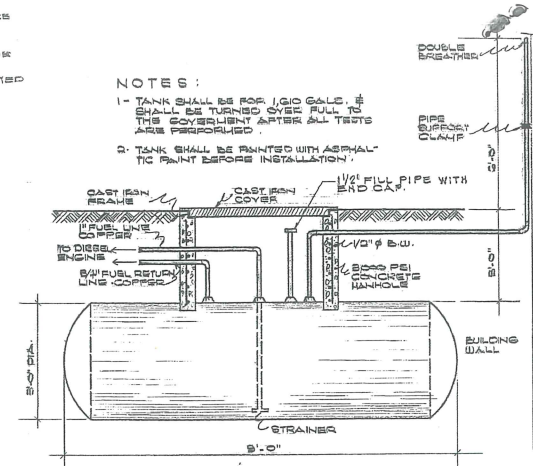
ELECTRICAL SINGLE LINE DIAGRAM LEGEND

1. BEL. OPEN TYPE FUSE CUTOUTS BY P.W.R.A., 200A., 7.5 KV., 14,000 L. IC.
2. BEL. LIGHTNING ARRESTORS, DISTRIBUTION TYPE, BY P.W.R.A.
3. 15 KV. RAINTIGHT STRESS CONES, OUTDOOR TYPE, P.W.R.A. APPROVED, BEL.
4. CONDUIT END SEALING FITTING, OR TYPE "CMT"
5. 3/8" NO. 0, 15KV. POLYETHYLENE INSULATED (CROSS LINKED) SHIELDED, WITH P.V.C. JACKET OVER SHIELD, & 1 NO. 2 BARE COPPER WIRE IN 3/4" GALV. RIGID CONDUIT.
6. 1 NO. 2 BARE COPPER GROUND WIRE.
7. 8 FT. WOOD MOULDING.
8. DITTO AS (6) EXCEPT IN #210502021 P.V.C. CONDUIT PLUS ONE STRAP 5/8" CONDUIT.
9. 5/8" x 8'-0" COPPERWELD END ROD AND BRONZE CLAMP.
10. INDOOR UNIT TYPE SUBSTATION CONSISTING OF THE FOLLOWING SECTIONS (SQUARE D OR APPROVED EQUAL):
 - (a) AIR FILLED PRIMARY SWITCH COMPLIMENT WITH CLAMP TYPE TERMINALS, WITH BEL. BY INTERMEDIATE TYPE LIGHTNING ARRESTORS, BEL. 15KV. CABLE TERMINATORS, CONDUIT TYPE P.W.R.A. APPROVED, AND 15KV., 600A., LOAD BREAK SW. (FUSIBLE), P.W.R.A. APPROVED.
 - (b) PRIMARY METERING COMPLIMENT 36" WIDE.
 - (c) TRANSFORMER SECTION WITH 500 KVA. DRY TYPE TRANSFORMER 15 KV. DELTA TO 100/000 GROUNDING WYE SCHEMATIC, 4-16 KV. MAX. DB. PRIMARY TAPES TWO ABOVE AND TWO BELOW 4-16 KV. MAX. DB. RATING 154.4 V. WINDING TEMPERATURE RISE 115°C. WITH CLASS H INSULATION, 85KV. BIL. 5% IMPEDANCE.
 - (d) SECONDARY SECTION WITH 1500A., 5P. MOULDED CASE MAIN CIRCUIT BREAKERS, METER AND PHASE SELECTOR SWITCH, VOLTMETER AND PHASE SELECTOR SWITCH, SECONDARY BREAKERS (MOULDED CASE) AS INDICATED IN DIAGRAM.
11. 1 NO. 4/0 BARE COPPER GROUND WIRE.
12. EMERGENCY POWER PLANT RATED 115 KW, 145.75 KV. AT 0.8 POWER FACTOR, CONTINUOUS RATING, 100/000, 5P. 4W. ONLY, OR APPROVED EQUAL.
13. CIRCUIT BREAKER, MOULDED CASE, 500A., 5P. FRAME JL, ENCLOSED.
14. AUTOMATIC TRANSFORMER SW., 200A., 100/000-5P. 4W, 1500, OR APPROVED EQUAL.
15. PANEL AS PER PANEL SCHEDULE.
16. ISOLATING TRANSFORMER 75 KVA., 005/100V., 1P. 60 CY., & ISOLATING PANEL AS DESCRIBED IN PANEL SCHEDULE, FOR HOSPITAL SERVICE, COMPLETE WITH GND. DETECTOR AND GND. INDICATOR, ALL INTEGRAL IN ONE UNIT.
17. DITTO AS (16) EXCEPT 5 KVA. TRANSFORMER.
18. 2 # 2 TW. ALUM., 1" CONDUIT.

- (19) 2 # 4 TW. ALUM., 1 1/2" CONDUIT.
- (20) 4 # 2 TW. ALUM., 1 1/2" CONDUIT.
- (21) 4 # 3 TW. ALUM., 1 1/2" CONDUIT.
- (22) 4 # 2 TW. ALUM., 2" CONDUIT.
- (23) 4 # 1 TW. ALUM., 2" CONDUIT.
- (24) 4 # 3/0 TW. ALUM., 2 1/2" CONDUIT.
- (25) 2 (4 # 3/0 TW. ALUM., 3" CONDUIT) EA. IN PARALLEL.
- (26) 4 # 4/0 TW. ALUM., 3" CONDUIT.
- (27) 2 (4 # 4/0 TW. ALUM., 3" CONDUIT) EA. IN PARALLEL.
- (28) 3 # 4/0 TW. ALUM., 2 1/2" CONDUIT.
- (29) 4 # 10 TW. COPPER, 3/4" CONDUIT.
- (30) 4 # 12 TW. COPPER, 3/4" CONDUIT.
- (31) 3 # 12 TW. COPPER, 1/2" CONDUIT.
- (32) 4 # 4 TW. ALUM., 1 1/2" CONDUIT.
- (33) DISCONNECT SW., NOT FUSIBLE, 60A., 050 V., 8P., HEAVY DUTY.
- (34) DISCONNECT SW., NOT FUSIBLE, 100A., 050 V., 8P., HEAVY DUTY.
- (35) COMBINATION MAGNETIC STARTER, NOT FUSIBLE, 30A. SIZE 1, 8P.
- (36) CONTROLLER BUILT-IN, IN AIR COND. EQUIPMENT.
- (37) DISCONNECT SW., NOT FUSIBLE, 20A., 050 V., 8P., HEAVY DUTY.
- (38) DISCONNECT SW., NOT FUSIBLE, 100A., 050 V., 0P., HEAVY DUTY.
- (39) DISCONNECT SW., NOT FUSIBLE, 200A., 050 V., 8P., HEAVY DUTY.
- (40) 1" EMPTY P.V.C. CONDUIT.
- (41) 4 # 4 TW. COPPER, 1 1/2" CONDUIT.

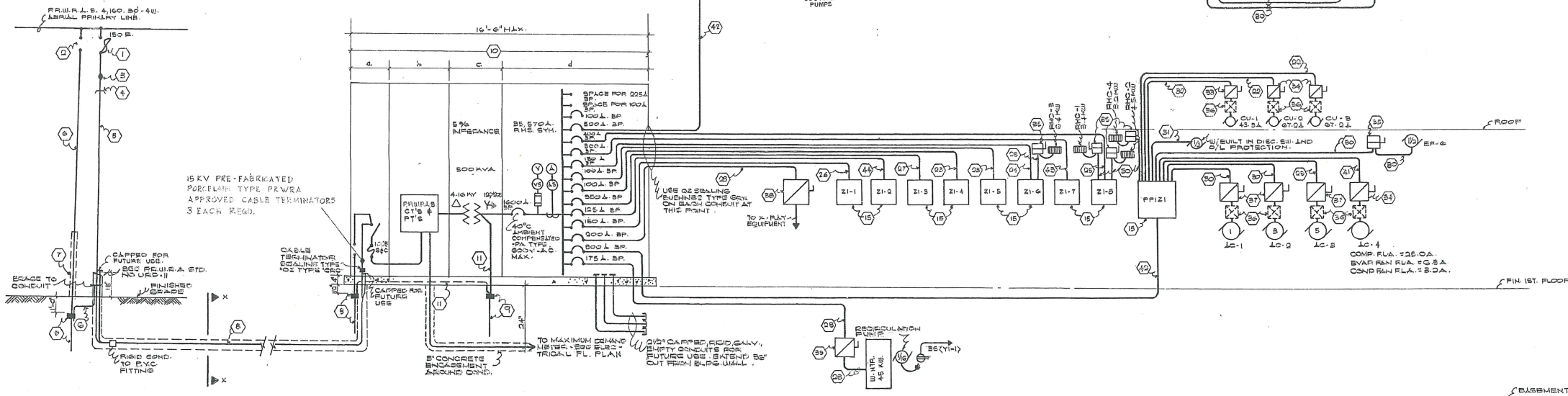


SECTION X-X
NOT TO SCALE



DETAIL OF DIESEL OIL TANK INSTALLATION
NOT TO SCALE

- NOTES:
1. CONTRACTOR SHALL COORDINATE WORK WITH P.W.R.A. LOCAL OFFICE AT PONCE, P.R. BEFORE THE CONSTRUCTION BEGINS.
 2. ALL MOTORS STARTERS TO BE PROVIDED WITH OVERLOAD PROTECTION IN EACH OF THE THREE PHASES NOT LARGER THAN 125% OF MOTOR NAMEPLATE RATING.
 3. ALUMINUM WIRE TO BE USED ONLY UNLESS CALLED FOR BY THE SINGLE LINE DIAGRAM AND SHALL BE TRIPLE B ALUMINUM AS APPROVED BY P.W.R.A.
 4. ALL FITTINGS & CONNECTORS TO BE USED WITH ALUMINUM WIRE SHALL BE SPECIALLY DESIGNED FOR USE WITH ALUMINUM WIRE. USE ELECTRICIANS PROPERLY TRAINED IN THE USE OF ALUMINUM WIRE.



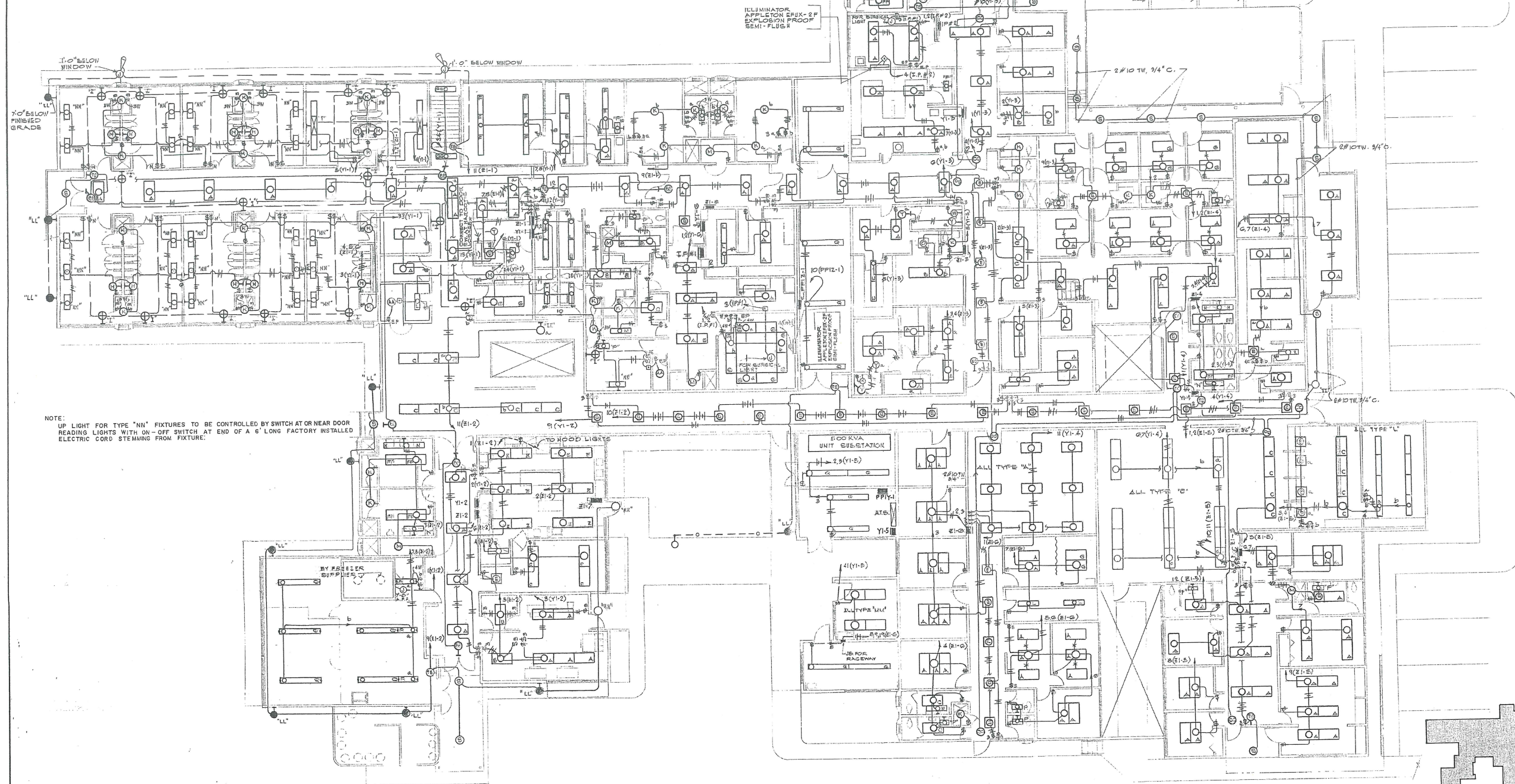
NOTE:
P.W.R.A. ACCEPTS PROPOSED UNIT SUBSTATION IF IT IS LOCALIZED IN A TRANSFORMER VAULT WITH THE MINIMUM DIMENSIONS AND ADEQUATE VENTILATION FOR A 500 KVA TRANSFORMER BANK.

ELECTRICAL SINGLE LINE DIAGRAM
NOT TO SCALE

ELECTRICAL SINGLE LINE DIAGRAM

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				REVISIONS	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER				ADJUNTAS PUERTO RICO	
DESIGNED BY: LENZA & LENZA ARCHITECTS	DATE: 12/14/70	DRAWN BY:	DATE:	DRAWING NUMBER E-2	
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.	DATE:	TRACED BY:	DATE:	43 - 49 TOTAL OF SHTS.	
		CHECKED BY:	DATE:	PROJECT NO.	

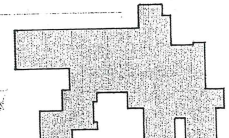
HARRY B. LENZA, JR.
CONSULTING ELECTRICAL
& INDUSTRIAL ENGINEERS
12/14/70
P.R. REG. NO. 2048



NOTE:
UP LIGHT FOR TYPE "NN" FIXTURES TO BE CONTROLLED BY SWITCH AT OR NEAR DOOR
READING LIGHTS WITH ON-OFF SWITCH AT END OF A 6' LONG FACTORY INSTALLED
ELECTRIC CORD STEMMING FROM FIXTURE.

ELECTRICAL FL. PLAN-LAYOUT SCALE: 1/8"=1'-0"

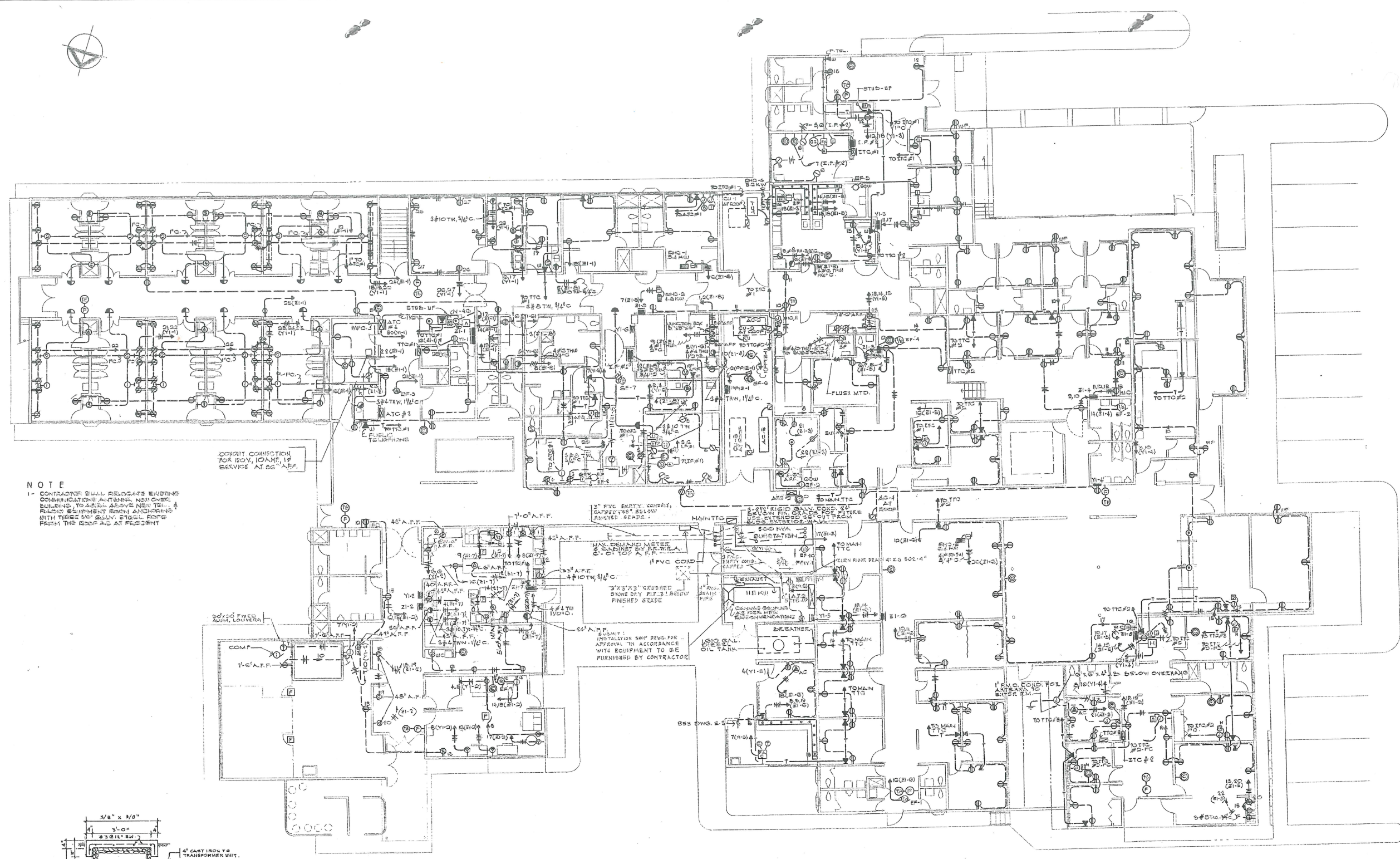
NOTE:
EXACT LOCATION OF LIGHTING SHALL BE
COORDINATED IN THE FIELD IN A COORDINATE
WITH REFLECTIVE CEILING PLAN DRAWING 50-50.



KEY PLAN
SCALE: 1"=1,000'

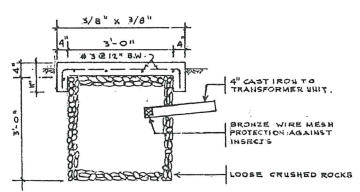
HARRY B. LENZA, JR.
CONSULTING ELECTRICAL
& INDUSTRIAL ENGINEERS
P.E. NO. 2045

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO.	DATE	BY	DESCRIPTION
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		REVISIONS			
DESIGNED BY: LENZA & LENZA ARCHITECTS		DATE	ADJUNTAS PUERTO RICO		
SUBMITTED BY:		DRAWN BY	DRAWING NUMBER E-3		
CHIEF OF ARCHITECTURAL SECT.		DATE	44 - 49		
CHECKED BY		TRACED BY	TOTAL OF SHEETS PROJECT NO.		



NOTE
 1- CONTRACTOR SHALL RELOCATE EXISTING COMMUNICATIONS ANTENNA, NEW ONE, BUILDING TO AREA ABOVE NEW TEL. & RADIO EQUIPMENT ROOM ANCHORING WITH THREE 3/8" GALV. STEEL RODS FROM THE ROOF AS AT PRESENT

CONDUIT CONNECTION FOR 120V, 10AMP, 1P SERVICE AT SC A.F.P.

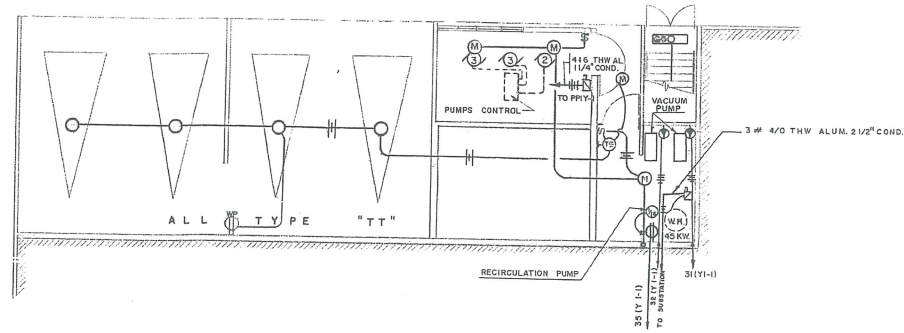


DRY WELL DETAIL
 NOT TO SCALE

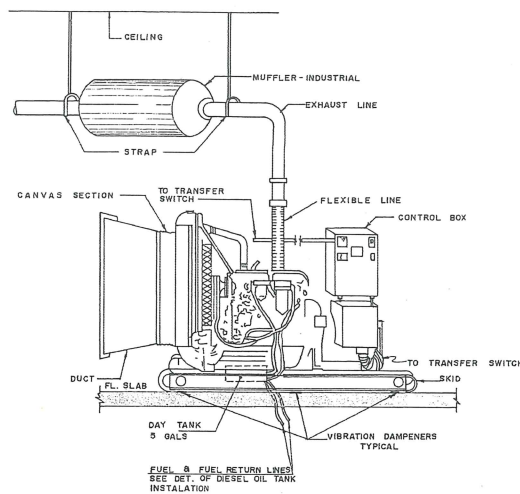
ELECTRICAL FLOOR PLAN - POWER & SIGNALLING
 SCALE: 1/8" = 1'-0"

HARRY B. LLENZA, JR.
 CONSULTING ELECTRICAL & INDUSTRIAL ENGINEERS
 P.E. NO. 2043

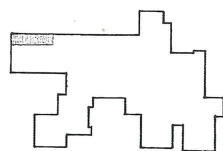
COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION			
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		ADJUNTAS PUERTO RICO	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS	DATE	DRAWN BY:	DRAWING NUMBER E-4
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.	DATE	TRACED BY:	TOTAL OF SHEETS 45 - 49
		CHECKED BY:	PROJECT NO.



ELECTRICAL LOWER FLOOR PLAN-LAYOUT
(BELOW TWO BED ROOM AREA)
SCALE: 1/8"=1'-0"



DETAIL OF DIESEL ENGINE INSTALATION
NOT TO SCALE



KEY PLAN
SCALE: 1:1000

PANELS		SCHEDULE									
DESIGNATION	MOUNTING	M A I N S			B R E A K E R S			REMARKS			
		TYPE	CAPACITY	VOLTAGE	CKT NO.	POLES	TRIP (AMPS)				
Z1-1 TYPE NHOB, 10,000 A.I.C. B K R S.	FLUSH	LUGS ONLY	225 A.	120/208V 3 Ø-4W	1 THRU 20	1	20	LIGHTS & 120V. RECEPTACLES			
					21	1	20	EF-3 - 1/6 HP.			
					22	1	20	WASHER SANITIZER - 10A.			
					23	2	70	FEEDING UNIT - 60A.			
					24	1	20	BASEMENT LIGHTS.			
					25	1	20	FOOD CART - 1.5 KW.			
					26 THRU 30	1	20	SPACES.			
					31 & 32	2	30	SPACES ONLY.			
Z1-2 TYPE NHOB, 5,000 A.I.C. B K R S.			225 A.		1 THRU 13	1	20	LIGHTS & 120 V. RECEPTACLES			
					14	1	20	IRONER.			
					15	1	20	EF-3 - 1/12 H.P.			
					16	3	20	WASHER - 3/4 HP.			
					17	3	20	CLOTHES EXTRACTOR 1 1/2 HP.			
					18, 19, 20	2	20	FOOD CART - 1.5 KW. EA.			
					22 THRU 25	1	20	SPACES.			
					26	3	20	SPACES ONLY.			
Z1-3 TYPE N.O.P. 20,000 A.I.C. B K R S. MAX. DEPTH-6"			400 A.		1 THRU 15, 16, 17	1	20	LIGHTS & 120 V. RECEPTACLES			
					18	1	40	OVEN 3.9 KW.			
					17 & 18	2	20	220V. RECEPTACLES			
					19	3	60	STERILIZER - 15 KW.			
					22 THRU 24	1	20	SPACES.			
					25 & 26	3	30	SPACES ONLY.			
Z1-4 TYPE NHOB, 5,000 A.I.C. B K R S.			100 A.		1 THRU 13	1	20	LIGHTS & 120 V. RECEPTACLES			
					14	1	20	EF-3 - 1/6 HP.			
					15 THRU 18	1	20	SPACES.			
Z1-5 TYPE NHOB, 10,000 A.I.C. B K R S.			100 A.		1 THRU 20	1	20	LIGHTS & 120 V. RECEPTACLES.			
					21	2	20	AIR COND. - 1HP.			
					22	2	40	HOTPLATE			
					23 THRU 26	1	20	SPACES.			
					27	2	30	SPACES ONLY.			
Z1-6 TYPE NHOB, 10,000 A.I.C. B K R S.			225 A.		1 THRU 17	1	20	LIGHTS & 120 V. RECEPTACLES.			
					18	2	20	220 V. RECEPTACLE			
					19	2	20	AIR COND. - 1HP.			
					20	3	30	RHC-3 - 6.4 KW.			
					21 THRU 24	1	20	SPACES.			
					25	2	30	SPACES ONLY.			
					26	3	30	SPACES ONLY.			
Z1-7 TYPE NHOB, 10,000 A.I.C. B K R S.			225 A.		1 THRU 7, 18	1	20	LIGHTS & 120 V. RECEPTACLES.			
					8	1	20	MIXER - 1/3 H.P.			
					9	1	20	EF-3 - 1/2 H.P.			
					10	3	20	WASTE DISPOSER 1/2 H.P.			
					11	2	30	TOASTER - 3.6 KW.			
					12	2	30	HEATERS-4.0 KW.			
					13	2	70	COFFE URN-12.0 KW.			
					14	3	30	DISHWASHER - 1HP & 5KW.			
					15	3	70	DO. - 18 KW.			
					17, 18	1	20	SPACES.			
					19	2	30	SPACES ONLY.			
					20	3	50	SPACES ONLY.			
Z1-8 TYPE N.O.P. 20,000 A.I.C. B K R S. MAX. DEPTH-6"			400 A.		1	1	20	GLASS CARBOY - 0.5 A.			
					2	1	20	WATER STILL AUX. - 15 A.			
					3	1	20	RINSER			
					4	2	30	SANITIZER-25 A.			
					5	2	30	SANITIZER - 25 A.			
					6	3	20	RHC - 1 - 3.4 KW.			
					7	3	20	RHC - 2 - 4.5 KW.			
					8	3	60	STERILIZER - 15 KW.			
					9	3	125	WATER STILL - 90 A.			
					10	2	70	SONIC CLEANER-60A			
					11	1	40	WARMING CABINET-30A			
					12	1	40	HOT AIR OVEN - 3.9 KW.			
					13 & 14	1	20	SPACES.			
					15 & 16	3	30	SPACES ONLY.			
Y1-1 TYPE NHOB, 10,000 A.I.C. B K R S.			225 A.		1 THRU 28 29, 34	1	20	LIGHTS & 120 V. RECEPTACLES.			
					29	2	30	SANITIZER - 25 A.			
					30	1	20	NURSES CALL SYSTEM.			
					31 & 32	3	20	SUCTION PUMPS 3/4 H.P. EA.			
					35	1	20	RECIRCULATION PUMPS 1/2 H.P. EA.			
					36 & 37	1	20	SPACES.			
Y1-2 TYPE NHOB, 5,000 A.I.C. B K R S.			100 A.		1, 2, 3, 9, 10	1	20	LIGHTS & 120 V. RECEPTACLES			
					4	1	20	GAS IRONER - 1/3 HP.			
					5	1	20	GAS DRYER - 1/3 HP.			
					6	1	20	REFRIG.-FREEZER - 1/4 & 1/5 H.P.			
					7	3	20	FREEZER - 1 H.P. (COMP)			
					8	3	20	WASHER - 3/4 HP.			
					9	1	20	FREEZER LIGHTS			
					10	1	20	FREEZER FAN 1/2 H.P.			
					11, 12, 13, 14	1	20	SPACES.			

PANELS		SCHEDULE									
DESIGNATION	MOUNTING	M A I N S			B R E A K E R S			REMARKS			
		TYPE	CAPACITY	VOLTAGE	CKT NO.	POLES	TRIP (AMPS)				
Y1-3 TYPE NHOB, 5,000 A.I.C. B K R S.	FLUSH	LUGS ONLY	100 A.	120/208V 3 Ø-4W	1 THRU 18	1	20	LIGHTS & 120V. RECEPTACLES.			
					19 THRU 23	1	20	SPACES.			
Y1-4 TYPE NHOB, 5,000 A.I.C. B K R S.			100 A.		1 THRU 11	1	20	LIGHTS & 120 V. RECEPTACLES.			
					12, 13, 14	1	20	MASTER TIME & PROG.			
					15	1	20	PROCESSING TANK COOLER			
					16	1	20	RADIO TELEPHONE EQUIPMENT			
					17 THRU 22	1	20	SPACES.			
Y1-5 TYPE NHOB, 10,000 A.I.C. B K R S.	SURFACE		100 A.		1 THRU 6	1	20	LIGHTS & 120 V. RECEPTACLES.			
					7	2	20	FIRE ALARM MASTER CONTROL UNIT.			
					8	1	20	AUTOMATIC TRANSFER SWITCH			
					9, 10 & 11	1	20	SPACES.			
Y1-6 TYPE NHOB 10,000 A.I.C. B K R S.	FLUSH		225 A.		1 THRU 4	1	20	LIGHTS & 120 V. RECEPTACLES.			
					5	1	20	REFRIGERATOR - 1/3 HP.			
					6	2	30	HOT PLATES			
					7	3	20	SF-7 - 1 1/2 H.P.			
					8	3	70	STERILIZER - 20 KW.			
					9, 10 & 11	1	20	SPACES.			
PPIZ-1 TYPE N.O.P. 30,000 A.I.C. B K R S.	SURFACE		800 A.	NOTE: ALL B K R S. SHALL BE EF 8 F2 FRAME SIZE	1	1	15	HEAT EXCHANGER 1/3 H.P.			
					2	3	15	AC-1 - 1 HP.			
					3	3	20	AC-2 - 3 HP.			
					4	3	30	AC-3 - 3 HP.			
					5	3	125	AC-4 - 25 A / 6.3A / 3.2A / 3.2A			
					6	3	15	EF-6 - 1/2 HP.			
					7	3	30	CU-1 - 433 A.			
					8	3	125	CU-2 - 67.2 A.			
					9	3	125	CU-3 - 67.2 A.			
					10	1	20	LIGHTS			
					11	3	20	RHC-4 - 3.2 KW.			
					12	3	100	SPACES ONLY.			
PPIY-1 TYPE N.O.P. 40,000 A.I.C. B K R S.			800 A.		1	3	100	TI-1			
					2	3	90	TI-2			
					3	3	90	TI-3			
					4	3	70	TI-4			
					5	3	90	TI-5			
					6	3	150	TI-6			
					7	2	40	L.P.#1			
					8	2	30	L.P.#2			
					9	3	50	WATER PUMPS.			
					10	3	100	SPACES ONLY.			

ISOLATING PANELS SCHEDULE

PANELS		SCHEDULE									
DESIGNATION	MOUNTING	M A I N S			B R E A K E R S			REMARKS			
		TYPE	CAPACITY	VOLTAGE	CKT NO.	POLES	TRIP (AMPS)				
I.P.#1 (WITH 1/2 KVA ISOLATING TRANSF.)	FLUSH	LUGS ONLY	100 A. 2 Ø-2W	120 V.	1 THRU 7	2	20	LIGHTS & 120V RECEPTACLES.			
					8	2	20	SPACES.			
I.P.#2 (WITH 5 KVA ISOLATING TRANSF.)					1 THRU 7	2	20	LIGHTS & 120V. RECEPTACLES.			
					8	2	20	SPACES.			

PANEL SCHEDULES, LOWER FLOOR PLAN

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DIVISION				NO. DATE BY DESCRIPTION	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER				REVISIONS	
DESIGNED BY: LLENZA & LLENZA ARCHITECTS				DATE	
SUBMITTED BY: _____				DRAWN BY: _____	
CHIEF OF ARCHITECTURAL SECT. _____				DATE	
CHECKED BY: _____				TOTAL OF SHEETS: 46 - 49	
				PROJECT NO. _____	

ELECTRICAL LEGEND:

	CEILING OUTLET WITH FLUORESCENT FIXTURE - CEILING OR FLUSH MOUNTED - TYPE AS INDICATED.
	WALL OUTLET WITH HORIZONTAL FLUORESCENT FIXTURE - AT 6"-6" A.F.F. TYPE AS INDICATED.
	WALL OUTLET WITH INCANDESCENT FIXTURE - AT 6"-6" A.F.F. TYPE AS INDICATED.
	WALL OUTLET WITH MERCURY FIXTURE - AT 6"-6" A.F.F. TYPE AS INDICATED.
	CEILING OUTLET WITH INCANDESCENT FIXTURE - TYPE AS INDICATED.
	JUNCTION BOX - WALL - USE AND HEIGHT AS INDICATED.
	DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE, IS A. AT 120 V., AT 18" A.F.F., ARROW-HART # 5262, OR APPROVED EQUAL.
	DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE, IS A. AT 120 V., AT 3"-10" A.F.F., ARROW-HART # 5262, OR APPROVED EQUAL.
	DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE, 20 A. AT 120 V., AT 50" A.F.F., ARROW-HART # 5735, OR APPROVED EQUAL.
	FLOOR OUTLET - RATING AS ABOVE, HUBBELL # F-2536 B SA-6296, OR APPROVED EQUAL.
	POWER OUTLET, 30 A., 2 P., 3 W., GROUNDING, AT 18" A.F.F., ARROW-HART # 5795, OR APPROVED EQUAL.
	SINGLE POLE SWITCH, 20 A. AT 120 V. - A.C., AT 4"-0" A.F.F., ARROW-HART # 1991-DR-BL, OR APPROVED EQUAL.
	TWO POLE SWITCH, 20 A. AT 120 V. - A.C., AT 4"-0" A.F.F., ARROW-HART # 1992-DR-BL, OR APPROVED EQUAL.
	THREE WAY SWITCH, 20 A. AT 120 V. - A.C., AT 4"-0" A.F.F., ARROW-HART # 1993-DR-BL, OR APPROVED EQUAL.
	FOUR WAY SWITCH, 20 A. AT 120 V. - A.C., AT 4"-0" A.F.F., ARROW-HART # 1994-DR-BL, OR APPROVED EQUAL.
	MOMENTARY CONTACT SWITCH, 20 A. AT 120 V. - A.C., AT 4"-0" A.F.F., ARROW-HART # 1995-L, OR APPROVED EQUAL.
	TWO SWITCHES IN ONE BOX, 20 A. AT 120 V. - A.C., LETTERS INDICATED OUTLETS CONTROLLED, AT 4"-0" A.F.F., ARROW-HART # QST-91, OR APPROVED EQUAL.
	SWITCH AND PILOT LIGHT, 20 A. AT 120 V. - A.C., AT 4"-0" A.F.F., ARROW-HART # QST-91 & T-1377, OR APPROVED EQUAL.
	2 W. - 3 P. - 250 V. SINGLE TWIST LOCK RECEPTACLE HUBBELL # 3330-0 (GROUNDING) AND MATCHING PLUG, AT 18" A.F.F.
	DIMMER - FLUORESCENT SYSTEM, SEE GENERAL NOTE # 24. INSTALL DIMMER AT 4'-6" TOP A.F.F.
	RACEWAY, WIREMOLD NO. 3000 OR APPROVED EQUAL, WITH IS A. - 120 V. DUPLEX GROUNDING TYPE RECEPTABLES AND /OR 20 A. - 250 V. 3 WIRE GROUNDING TYPE SINGLE RECEPTABLE AS NOTED.
	CONDUIT RUN EMBEDDED IN CEILING SLAB OR RUN INSIDE FURRED SPACE, SEE GENERAL NOTES.
	3/4" EMPTY COND., UNLESS OTHERWISE NOTED.
	CONDUIT RUN EMBEDDED IN FLOOR OR WALL.
	SAFETY SWITCH - NON - FUSIBLE.
	CONTACTOR OR CONTACTOR BANK - HEIGHT AS INDICATED.
	PANELBOARD - TOP AT 6'-0" A.F.F. (ISOLATED PANELS AT 7'-0" A.F.F.)
	GROUND INDICATOR, CROUSE HINDS TYPE 80P OR APPROVED EQUAL AT 6'-0" A.F.F. CONNECTED IN PARALLEL WITH INDICATOR AT ISOLATED PANEL.
	DUPLEX CONVENIENCE OUTLET INSTALLED AS PART OF LIGHTING FIXTURE, GROUNDING TYPE, WOVY, IS A AT 120V.
	3W - 3P - 60A., 125/250V. SINGLE GROUNDING TYPE RECEPTACLE, FLUSH MTD. AT 18" A.F.F., CROUSE HINDS # ARRH 6425 OR APPROVED EQUAL WITH MATCHING PLUG.
	2 W. - 3P - 20A. 250V. SINGLE GROUNDING TYPE RECEPTACLE HUBBELL # 7210-0 FLUSH MTD. AT 18" A.F.F.
	TELEPHONE TERMINAL CABINET - TOP AT 6'-0" A.F.F.
	TELEPHONE OUTLET AT 18" A.F.F.
	TELEPHONE OUTLET AT 6" A.F.F.
	TELEPHONE FLOOR OUTLET, HUBBELL # F-2536 B 3-3004, OR APPROVED EQUAL.
	20 AMPS., 2 POLE, 3 WIRE, EXPLOSION PROOF RECEPTACLE, FACTORY SEALED, CROUSE HINDS # CPH 2121, OR APPROVED EQUAL, FLUSH MOUNTED. THE CONTRACTOR SHALL SUPPLY A TOTAL OF 1101 # CPH 4106 PLUGS.
	DUPLEX GROUNDING TYPE RECEPTACLE, IS A., 125 V., AT 6" A.F.F.
	20 AMPS., 3 POLE, 4 WIRE, GROUNDING TWIST - LOCK RECEPTACLE, FLUSH MOUNTED AT 12" A.F.F. HUBBELL # 7410-0, WITH # 7411-0 PLUG. RATING - 250V.
	50 A., 125 V., STRAIGHT BLADE, 2 POLES, 3 WIRES (GROUNDING TYPE), AND MATCHING PLUG, AT 18" CENTER A.F.F., ARROW-HART CAT. # 5711 B 5712.
	MANUAL STARTER, FRACTIONAL HORSEPOWER, ARROW-HART # 6808-F, OR APPROVED EQUAL.
	COMBINATION FUSIBLE STARTER, 208 V., 3 P., SIZE AS PER MOTOR SCHEDULE, SEE NOTE # 7.
	COMBINATION NOT FUSIBLE TYPE STARTER, 208 V., 3 P., SIZE AS PER SINGLE LINE DIAGRAM, SEE NOTE # 7.
	SAFETY SWITCH AS PER SINGLE LINE DIAGRAM, HEAVY DUTY.
	TIME SWITCH 40 A., 120 V., 3 P.S.T. WITH RESERVE POWER, TORX # 7300L, OR APPROVED EQUAL.
	NIGHT LIGHT, 18" A.F.F., "1" ON LIGHTING FIXTURE SCHEDULE.
	12" SINGLE DIAL, SYNCHRONOUS WIRED, SQUARE INDICATING WALL MOUNTING CLOCK (SIMPLEX TYPE 82 OR APPROVED EQUAL AT 7'-2" CENTER A.F.F. (AT OPERATING ROOMS SHALL BE SIMPLEX TYPE 77).
	12" DOUBLE DIAL, SYNCHRONOUS WIRED, SQUARE INDICATING WALL MOUNTING CLOCK (SIMPLEX TYPE 7200-45 OR APPROVED EQUAL AT 7'-2" CENTER A.F.F.
	ATTENDANCE TIME RECORDER AND SYNCHRONOUS WIRED RELAY (SIMPLEX TYPE 8700-2 OR APPROVED EQUAL) MTD. IN WALL AS PER MANUFACTURER RECOMMENDATIONS, AND GARDS RACKS FOR 50 CARDS.
	ELAPSED TIME INDICATOR SIMPLEX TYPE 110 MOUNT AT 7'-2" CENTER A.F.F. INSTALL TYPE 112 CONTROL AT 5'-6" BOTTOM A.F.F.
	SYNCHRONOUS WIRED MASTER TIME AND PROGRAM CONTROL (SIMPLEX MODERN TYPE 943-6) WITH 24 HR. ACCUMULATOR, OR APPROVED EQUAL MTD. IN WALL AS PER MANUFACTURER RECOMMENDATIONS.
	FIRE ALARM CONTROL UNIT, AT 6'-0" TOP A.F.F.
	FIRE ALARM & SMOKE DETECTORS ANNUNCIATOR, AT 6'-0" TOP A.F.F.
	FIRE ALARM BELL, AT 7'-6" CENTER A.F.F.
	GROUND CONNECTION TO 8/8" x 6'-0" COPPERCLAD GROUND ROD - USE BRONZE CLAMP.
	30 A., 125 V., STRAIGHT BLADE, 2 POLES, 3 WIRES (GROUNDING TYPE) RECEPTACLE, AND MATCHING PLUG, AT 18" CENTER A.F.F., ARROW-HART CAT. # 5711 B 5712.
	WALL OUTLET WITH TWO HORIZONTAL OVERBED FLUORESCENT FIXTURE AND PATIENT SERVICES CONSOLE AT 5'-6" BOTTOM A.F.F. "X" INDICATES REFERENCE ON LIGHTING FIXTURE SCHEDULE. SEE CONSOLE DESCRIPTION DETAIL IN THIS SHEET.
	PATIENTS STATION, ONE CALL, 5'-0" BOTTOM A.F.F.
	PATIENTS STATION, TWO CALLS, 5'-0" BOTTOM A.F.F. - INSTALL AS PART OF L.T.G. FIX. CONSOLE OR ROOMS # 95 & 96 OTHERWISE WALL MOUNTED.
	EMERGENCY TOILET BUTTON, 30" A.F.F. - MOUNT ON 4"x4" J.B. WITH RAISED COVER.
	EMERGENCY SHOWER PULL CORD, 5" ABOVE SHOWER - MOUNT ON 4"x4" J.B. WITH RAISED COVER.
	STAFF STATION - NURSES CALL SYSTEM - 4'-6" A.F.F.
	DUTY STATION - 4'-6" A.F.F.
	NURSES CONTROL STATION DESK TYPE (NUMBER DENOTES NUMBER OF CALLS, DENOTES NUMBER OF INTERCOM CALLS)
	MOTOR BY MECH. SUB-CONTRACTOR

	INTERCOM TERMINAL CABINET.
	AUXILIARY TERMINAL CABINET.
	DOME LAMP, WITH ONE RED LIGHT, INSTALL ON CEILING.
	STAFF STATION - NURSES CALL SYSTEM - DESK TYPE.
	DOME LAMP, WITH ONE RED LIGHT, ONE WHITE LIGHT - INSTALL ABOVE DOOR.
	DOME LAMP, WITH ONE RED LIGHT, INSTALL ABOVE DOOR.
	CHIME AT NURSE'S STATIONS - SINGLE STROKE.
	CONDUIT SEALING FITTINGS AS REQUIRED BY N.E.C., FILLED WITH COMPOUND SEALING FITTING TO BE BOXED IN WALL ACCESSIBLE FOR FUTURE REMOVAL. BOX TO BE COVERED WITH A STD. 3 GANG STAINLESS STEEL 3/2 BOX.
	FLUSH INTERCOM STAFF STATION, ONE CALL, 5'-6" A.F.F.
	EXPLOSION PROOF INTERCOM SWITCH 12" AFF, FACTORY SEALED
	30 A., 125/250V., STRAIGHT BLADE, 2 POLES, 3 WIRES RECEPTACLE, ARROW-HART # 934 4, AND MATCHING PLUG, AT 18" CENTER A.F.F.
	NURSES CALL AND/OR INTERCOM SYSTEM CONDUIT, AS PER EQUIPMENT MFR. SHOPDRAWING.
	TELEPHONE SYSTEM CONDUIT, 3/4" UNLESS OTHERWISE INDICATED.
	SINGLE POLE SWITCH, 20A. AT 120V. - AC., AT 3'-6" AFF. (6" BELOW GENERAL LIGHTING ROOM SWITCH).
	4"x4"x2 1/2" JUNCTION BOX CEILING MOUNTED.
	FLOODLIGHT TYPE "OU" IN LIGHTING FIXTURES SCHEDULE.
	INTERCOM MASTER II CALLS, WITH HANDED DESK TYPE, PROVIDE 4 1/8" x 4 1/8" x 2 1/8" J.B. WITH TWO GANG COVER PLATE STAINLESS STILL 3/2 WITH ONE 1" HOLE AND RUBBER GROMMET. NUMBER INSIDE SYMBOL INDICATES NUMBER OF CALLS.
	STAFF STATION, DESK TYPE, NUMBER INDICATES ANNUNCIATOR CALLS
	REHEAT COIL BY MECH. SUB-CONTRACTOR.
	CONDUIT HOME-RUN TO PANELBOARD.

GENERAL NOTES

- ROUTING OF CONDUITS AND ALL WORK REQUIRED BY THESE DRAWINGS, SHALL BE COORDINATED WITH THE OTHER TRADES INVOLVED.
- CONDUITS FOR EXPOSED WORK (EXPOSED BELOW HUNG CEILING) SHALL BE RIGID, GALVANIZED, AND SHEARDED.
- WIRING TO AND FROM PANELS IN STAIRWAYS OR CORRIDORS SHALL BE CONCEALED WITHIN WALLS AND CEILINGS.
- WIRING FOR LIGHTING OUTLETS AND CIRCUITS, AND FEEDERS, SHALL BE CONCEALED ABOVE HUNG CEILING. CONDUITS SHALL BE EXPOSED IN PLENUM AREA BETWEEN SLAB AND HUNG CEILING OUTLETS AND JUNCTION BOXES SHALL BE INSTALLED SUCH THAT THEY WILL NOT BE COVERED BY THE AIR CONDITIONING DUCTS OR PIPES, WHERE NECESSARY TO AVOID THIS CONDITION, CONDUITS MAY BE INSTALLED UNDER THE AIR CONDITIONING DUCT.
- ALL WIRES SHALL BE COPPER, INSULATED AS NOTED., EXCEPT FOR FEEDERS WHERE ALUMINUM IS INDICATED IN THE SINGLE LINE DIAGRAM.
- PROVIDE TWO EXTRA SETS OF LIKE FUSES FOR EACH SWITCH WHERE FUSES ARE REQUIRED.
- MOTOR STARTERS SHALL BE PROVIDED WITH OVERCURRENT PROTECTION ON EACH OF THE THREE PHASES, NOT HIGHER THAN 125 % OF MOTOR NAMEPLATE RATING.
- CONTRACTOR SHALL INSTALL A COMPLETE ELECTRICAL SYSTEM AS SHOWN IN DRAWINGS, AND AS CALLED FOR BY THE SPECIFICATIONS.
- ALL WIRING SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND PUERTO RICO WATER RESOURCES AUTHORITY.
- IN THE TELEPHONE CONDUITS, THERE SHALL BE LEFT INSERTED A 14 GA. GALVANIZED FISHING WIRE.
- UNLESS OTHERWISE INDICATED, ALL WIRING SHALL BE ENCLOSED IN CONDUIT AS OUTLINED IN CONDUIT WORK PAR. 14 OF THE ELECTRICAL SECTION OF THE SPECIFICATIONS.
- OUTLET BOXES SHALL BE AS FOLLOWS:
RECEIVING: 5 TO 9 WIRES 4" X 4" X 1 1/2"
10 TO 16 WIRES 4 1/2" X 4 1/2" X 1 1/2"
- UNLESS OTHERWISE NOTED, OR CALLED FOR BY N.E.C., ALL WIRES SHALL BE # 12 TW. AND CONDUITS MIN. SIZE SHALL BE 3/4".
- NUMBER OF TALLIES ON CONDUIT SYMBOL INDICATE NUMBER OF WIRES IN CONDUIT, NO TALLIES INDICATE TWO WIRES IN CONDUIT
- 2, 3, 4, 5 # 12 TW WIRES IN 3/4" COND., 6, 7, 8 # 12 TW WIRES IN 1" COND.
- 2, 3, 4 # 10 TW WIRES IN 3/4" COND., 5, 6, 7 # 10 TW WIRES IN 1" COND.
- THE ELECTRICAL CONTRACTOR SHALL SECURE APPROVAL AND ADVISE FROM THE ARCHITECT AND STRUCTURAL ENGINEER FOR THE LOCATION OF CONDUITS INSIDE WALLS AND SLABS.
- ROWS OF FLUORESCENT FIXTURES SHALL BE INTERNALLY WIRED WITH # 12 TYPE TWH 150° C 3 WIRE.
- INSTALL TWO (2) EA. 1 1/4" EMPTY CONDUITS AT EACH PANELBOARD UP AND 90° OUT FROM WALL AT SPACE ABOVE HUNG CEILING FOR INSTALLATION OF FUTURE CIRCUITS.
- CONTRACTOR SHALL REMOVE ALL EXISTING LIGHTING FIXTURES, RECEPTABLES, SWITCHES, AND WIRES FROM EXISTING OUTLETS AND CONDUITS. ON EXISTING AREAS TO BE REMODELED, ALL OUTLETS BELOW HUNG CEILING SHALL BE NEATLY SEALED UNLESS OTHERWISE NOTED. ANY OTHER ELECTRICAL EQUIPMENT SUCH AS PANELBOARDS, GROUND DETECTORS INDICATORS ETC. SHALL BE REMOVED, HOLES FILLED AND WALL PLASTERED. ONLY OUTLETS SHOWN IN THESE DRAWINGS SHALL REMAIN AFTER JOB IS FINISHED. EXISTING SAFETY SWITCHES AND METERING EQUIPMENT ON THE BUILDING EXTERIOR SHALL ALSO BE REMOVED.
- COORDINATE WITH ALL SUB-CONTRACTORS THE EXACT LOCATION OF ALL MOTORS AND ADJUST THE ELECTRICAL WORK ACCORDINGLY AS MAY BE REQUIRED, AT NO EXTRA COST.
- ALL 120 V. ROOF FANS (SMALLER THAN 1/2 HP) SHALL BE PROVIDED WITH INTEGRAL OVERLOAD PROTECTION AND A FACTORY INSTALLED DISCONNECT TOGGLE SWITCH.
- INSTALL A 3/4" EMPTY COND. BETWEEN EACH MOTOR STARTER AND ITS CONTROL POINT. COORDINATE WITH A/C SUB-CONTRACTOR.
- DIMMERS SHALL BE AS FOLLOWS:
A - FOR TWO TO TEN LAMPS - SUPERIOR TYPE LFD10A.
B - ELEVEN TO THIRTY LAMPS - SUPERIOR TYPE LFD 30.
- ALL ELECTRICAL CONNECTIONS OF EQUIPMENT (MEDICAL, AIR CONDITIONING, MECHANICAL, ETC.) SHALL BE MADE BY THE ELECTRICAL SUB-CONTRACTOR IN COORDINATION WITH THE PARTICULAR SUPPLIER.
- X-RAY ILLUMINATORS APPLETON EFDX-2F, EXPLOSION PROOF SCHEM - FLUSH ARE TO BE FURNISHED AND INSTALLED BY THE ELECTRICAL SUB-CONTRACTOR.

LIGHTING FIXTURES SCHEDULE

FIXTURE DESIGNATION	FIXTURE TYPE	MANUFACTURER	CATALOG NO.	NO.	SIZE	REMARKS
A	RECESSED TROFFER	DAY BRITE	4042-657-4	4	F40T12CW/RS	5, 8
B	DO.	DO.	4022-657-4	2	F40T12CW/RS	5, 9
C	DO.	DO.	4032-657-4	3	F40T12CW/RS	5, 9
D	DO.	DO.	2022-257-2	2	F20T12CW	5, 9
E	DO.	DO.	2042-257-2	4	F20T12CW	5, 9
F	RECESSED TROFFER SPECIAL	HOLOPHANE	F-6314-VX	2	F40T12/RS VERILUX COLOR	1, 3, 4, 9
G	DO.	DO.	F-6324-VX	4	F40T12/RS VERILUX COLOR	1, 3, 9
H	LAVATORY LIGHT	PALCO	OL-18	2	60W./I.F.	
I	CORRIDOR LIGHT	PRESCOLITE	37F1	2	F6T5	
K	SO. DRUM	MC PHILBEN	32-84	2	60W./I.F.	
L	RECESSED TROFFER	DAY BRITE	4031-607-4	3	F40T12CW/RS	
M	PORCELAIN ROSSETTE			1	100W./I.F.	
N	MIRROR LIGHT	DAY BRITE	A5240S	2	F40T12CW/RS	
O	ELIMINATED					
P	WALL BRACKET	DAY BRITE	A6220S	2	F20T12CW	
Q	INDUSTRIAL	DAY BRITE	90311-B	3	F96T12CW	14
R	DO.	DO.	40311-4	3	F40T12CW/RS	14
S	DOWNLIGHT	MC PHILBEN	82-8018-HS	1	150W./I.F.	
T	WALL LIGHT WITH SERVICE CONSOLE	PALCO	50L-256000/P	4	F30T12CW	2, 8
U	SURFACE MOUNTED	DAY BRITE	45207-4	2	F40T12CW	9
V	ELIMINATED					
W	STRIP	LIGHTING INC.	W240	2	F40T12CW/RS	13
X	SIGNAL LIGHT	SOLUX	ES20R	1	S-11-7/2 W RED	
Y	DO.	DO.	ESSOR	1	A15-25W RED	
Z	VAPOR TIGHT	DAY BRITE	41317	3	F40T12CW/RS	14
AA	EXPLOSION PROOF	APPLETON	AAC207S PR	1	150W-PS-30	13
BB	EXIT	MC PHILBEN	30W5	2	25W-T-6	7
CC	DO.	DO.	30C6	2	25W-T-6	7
DD	DO.	DO.	30C8	2	25W-T-6	7, 10
EE	DO.	DO.	30C6	2	25W-T-6	7, 11
FF	RECESSED TROFFER	DAY BRITE	4732-757-4	3	F40T12CW/RS	5, 6, 9
GG	COMMERCIAL	DO.	CO-240-2A-4	2	F40T12CW/RS	9, 13
HH	SHALLOW DOME	STERER	RP-112RV0	1	100W./I.F.	
II	SC. BRACKET	MC PHILBEN	66-21 VT	1	100W./I.F.	
TT	CEILING UNIT	DO	43-46	1	100W./I.F.	
UU	FLOODLIGHT	STERER	8015-208 WITH WALL BRACKET 4035	1	400W.MERCURY CLEAR	15
LL	MERCURY BRACKET	HOLOPHANE	410-120-CG	1	800W.MERCURY CLEAR	12
MM	WRAP AROUND	DAY-BRITE	CO-440-444-4-4	4	F40T12CW/RS	9, 13
NN	OVERBED WALL LIGHT	PALCO	L/SW-36	2	F30T12CW	2, NO CONSOLE

REMARKS:

- CONSISTS OF ONE INTEGRAL UNIT, 1, 2, TROFFER, NO. C324 CONTROL GRID LENS, AND VERILUX TUBES.
- WIRED TO CONTROL UP LIGHT FROM WALL SWITCH AND READING LIGHT WITH ON-OFF HAND SWITCH AT END OF A 6' LONG FACTORY INSTALLED ELECTRIC CORD STEERING FROM FIXTURE. CONTRACTOR TO SUPPLY 12 SPARE ON-OFF SWITCHES.
- VERILUX TUBES BY HOLOPHANE CO.
- WITH DIMMING BALLAST.
- WITH GRIDLESS OCTCX LENS.
- WITH PLASTER FRAME.
- FOR 50,000 HRS. LIFE AT 120V.
- SURFACE MOUNTED CONSOLE AND LIGHT.
- 100% VIRGIN ACRYLIC.
- WITH ARROW TO LEFT.
- WITH ARROW TO RIGHT
- WITH CAST GUARD.
- SURFACE MOUNTED.
- STEM SUSPENDED.
- WALL MOUNTED.

NOTE:

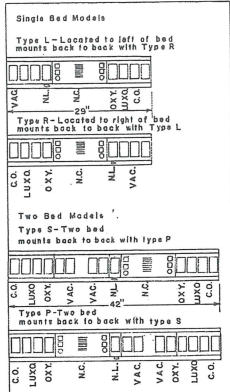
CONTRACTOR SHALL SUPPLY 50 REPLACEMENT F40T12 VERILUX TUBES IN ADDITION TO THOSE INSTALLED IN THE UNITS.

ELECTRICAL LEGEND & NOTES



IMPORTANT GENERAL NOTE:

THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES, AND SHALL PROVIDE PASSAGES OR CHASES FOR THE INSTALLATION OF RACEWAYS WHENEVER REQUIRED AS WELL AS THE NECESSARY SLEEVES WHICH ARE TO BE CAST IN CONCRETE, FLOOR SLABS, AND PARTITIONS. CONTRACTORS ATTENTION IS CALLED TO THE FACT THAT IT IS IMPORTANT THAT ABOVE PROVISIONS BE THOROUGHLY PLANNED FOR BEFORE ANY CONCRETE IS POURED. CONTRACTOR SHALL PREPARE SHOP DRAWING FOR APPROVAL SHOWING PROPOSED ROUTING OF ALL FEEDERS, AND SHALL OBTAIN CERTIFICATE FROM ALL TRADES SUB-CONTRACTORS SHOWING THAT ROUTING IS PROPERLY COORDINATED WITH THEM.



DESCRIPTION CONSOLE PORTION OF PAL-LUX LIGHTING FIXTURES

LEGEND:

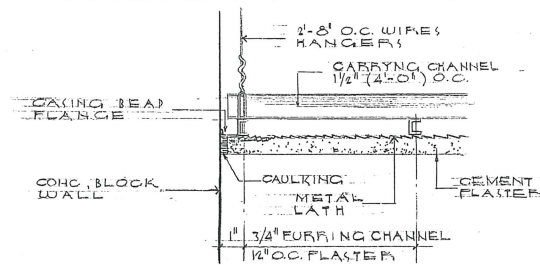
- C.O. - 110V. DUPLEX RECEPTACLE.
- LUXO - ADJUSTABLE ARM LIGHT.
- OXY - OXYGEN.
- N.L. - NIGHT LIGHT
- N.C. - NURSE CALL.
- VAC. - VACUUM.

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION		NO.	DATE	BY	DESCRIPTION
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER		REVISIONS			
DESIGNED BY: LENZA & LENZA ARCHITECTS		DATE		DRAWING NUMBER E-8	
SUBMITTED BY: CHIEF OF ARCHITECTURAL SECT.		DATE		DRAWN BY:	
TRACED BY:		DATE		49 - 49 TOTAL OF SHTS. PROJECT NO.	
CHECKED BY:		DATE			



- LEGEND
- 2'-0" x 4'-0" SUSPENDED ACOUSTIC TILE
 - LIGHTING FIXTURE
 - CEM. PLASTER ON METAL LATH
 - ACOUSTIC TILE
 - ACOUSTIC SPRAY

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



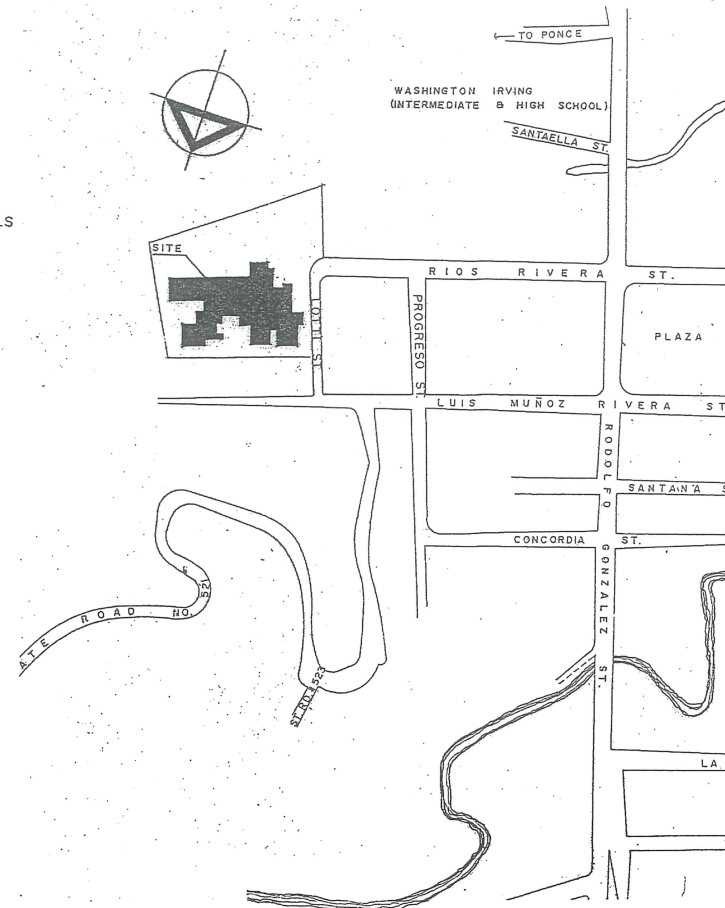
DETAIL OF CEM. PLASTER ON METAL LATH NOT TO SCALE



COMMONWEALTH OF PUERTO RICO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN DIVISION				NO. DATE BY DESCRIPTION	
EXPANSION & REMODELING OF ADJUNTAS HEALTH CENTER				REVISIONS	
DESIGNED BY LLENZA & LLENZA ARCHITECTS				ADJUNTAS PUERTO RICO	
SUBMITTED BY CHIEF OF ARCHITECTURAL SECT				DATE	DRAWING NUMBER
					E-9 50-50
				TRACED BY:	TO TAL OF SHTS
				CHECKED BY:	PROJECT NO.

SCHEDULE OF DRAWINGS

SHT. NO.	DWG. NO.	DESCRIPTION
1	X-1	TITLE SHEET.
2	A-1	NEW BUILT-UP ROOFING, ROOF AND DETAILS



LOCATION PLAN

BOARD OF DIRECTORS

MR. FRANKLIN MARTINEZ MONGE	PRESIDENT
ATTY. JOSE APARICIO MALDONADO	MEMBER
ENGR. RAMON ZEQUEIRA	MEMBER
MR. LUIS A. DAVILA TORO	MEMBER
MR. MIGUEL CASELLAS	MEMBER
MR. RIGOBERTO FIGUEROA FIGUEROA	MEMBER
ARCH. FEDERICO MONTILLA	MEMBER

PUBLIC BUILDINGS AUTHORITY
COMMONWEALTH OF PUERTO RICO

REROOFING PROJECT

ADJUNTAS HEALTH CENTER

ADJUNTAS,

PUERTO RICO

PROJECT P.B.A NO. 5010

RECOMMENDED _____

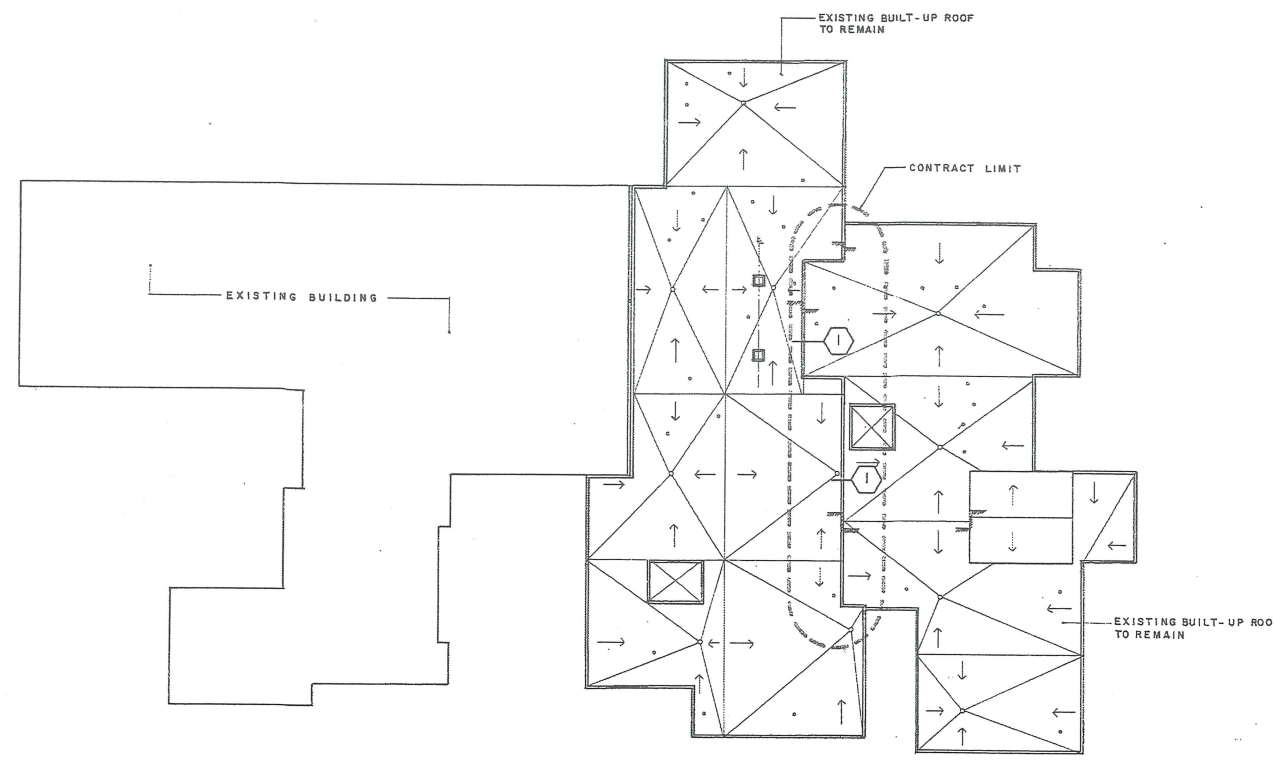
DATE _____

ACCEPTED _____

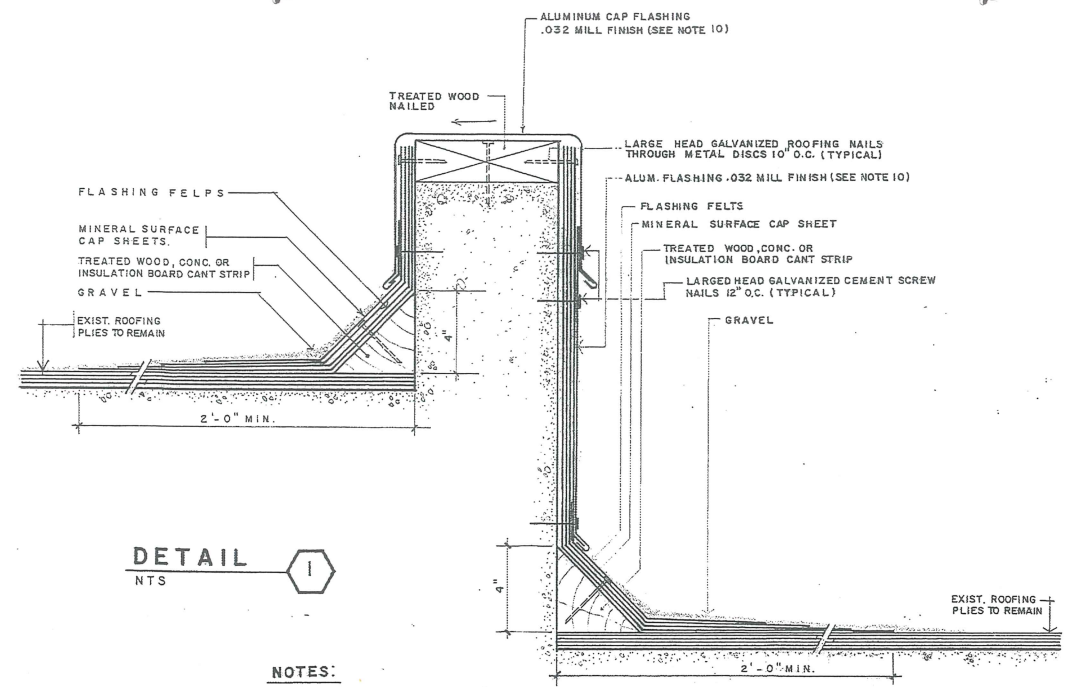
EXECUTIVE DIRECTOR OF PUBLIC BUILDINGS AUTHORITY

DATE _____

X-1
OF



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



DETAIL
NTS

NOTES:

- 1- CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS ON SITE.
- 2- REMOVE ALL EXISTING BUILT-UP ROOF. ALL CONCRETE SURFACE SHALL BE CLEANED WITH HYDRO BLAST.
- 3- BEFORE INSTALLATION OF MEMBRANES CONCRETE SURFACE SHALL BE PRIMED WITH ASPHALT CONCRETE PRIMER.
- 4- ALL ROOF LEVELS AND SLOPES SHALL REMAIN IF ARE CORRECTED ANY CHANGE IN ROOF LEVEL DURING REROOFING WORK SHALL BE CORRECTED ACCORDING TO SPECIFICATION DOCUMENTS OR SHOWN ON PLAN.
- 5- ALL EXISTING ROOF LEADER SHALL BE CLEANED, UNBLOCKED AND FIXED.
- 6- REMOVE ANY DAMAGE OLD JOINT MATERIAL BLOCKER ROD AND OTHER ASSOCIATED MATERIAL INSIDE ROOM OR IN ROOF, JOINT WITH NEW FILLER.
- 7- ROOF HATCH ANY DAMAGE SHALL BE FIXED.
- 8- MINIMUM SLOPE 1/4" PER LINEAL FEET OF ROOF DRAINAGE.
- 9- ALL DAMAGE EXISTING ROOF ALUM. FLASHING & SEALANT SHALL BE FIXED AND REPLACED.
- 10- OVERLAP OF ALUM. FLASHINGS NOT TO BE LESS THAN 6"-4" WITH SEALANT ON JOINTS

GENERAL NOTES:

THE OWNER (P.B.A) WILL ONLY CONSIDER THE SYSTEMS STATED ON THE SPECIFICATIONS TO RE-ROOF THE BUILDING. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, DETAILS, NOTES, ESTIMATES, AND ANY OTHER INFORMATION NECESSARY TO EVALUATE THE PROPOSAL.

VENTING THE SYSTEM TO PREVENT MOISTURE OR COVERED SURFACE AT THE HIGHEST POINT OF THE ROOF (1 UNIT PER 500 SQ. FT.) MAXIMUM EQUAL OR SIMILAR TO "JIMCO BREADER VENT."

DURING REROOFING EXECUTION OF THIS WORK THE CONTRACTOR MUST PROTECT INSIDE THE BUILDING FROM LEAKAGE.

<p>COMMONWEALTH OF PUERTO RICO PUBLIC BUILDINGS AUTHORITY SAN JUAN, PUERTO RICO ADJUNTAS HEALTH CENTER</p>		<p>DESIGNED BY B.A. EDUARDO COLLAZO IN CHARGE</p>	<p>SUBMITTED BY ENRIQUE R. RAMIREZ ORTIZ CHIEF DEVELOPMENT AND PRODUCTION DESIGNER</p>	<p>RECOMMENDED BY ENRIQUE R. RAMIREZ ORTIZ DESIGN DEPARTMENT DIRECTOR</p>
<p>ADJUNTAS, PUERTO RICO</p>		<p>DATE</p>	<p>DATE</p>	<p>DATE</p>
<p>DRAWING TITLE NEW BUILT-UP ROOFING ROOF AND DETAILS.</p>				
<p>SCALE AS SHOWN</p>				
<p>PROJECT PBA 5010</p>	<p>SHEET NO. 2 OF 2</p>	<p>DESIGNED DRAWING</p>		
<p>DRAWN W. Cordero</p>	<p>A-1</p>			
<p>DATE 12/26/90</p>	<p>1</p>			