

Honorable
Santos Rohena Betancourt
Secretary

SUBMITTED:

PEDRO A. MIRANDA
ARCHITECT

APPROVED:

SANTOS ROMENA BETANCOUR

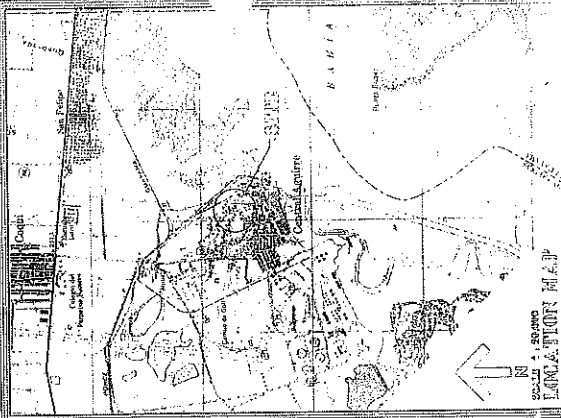


REHABILITATION FOR
VISITORS & RESEARCH CENTER
JOBS BAY NATIONAL ESTUARINE RESERVE

Former Club House, Central Aguirre, State Road #705. Salinas, Puerto Rico

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PEDRO
MIRANDA
ASSOCIADOS

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COPIA DEL INSPECTOR

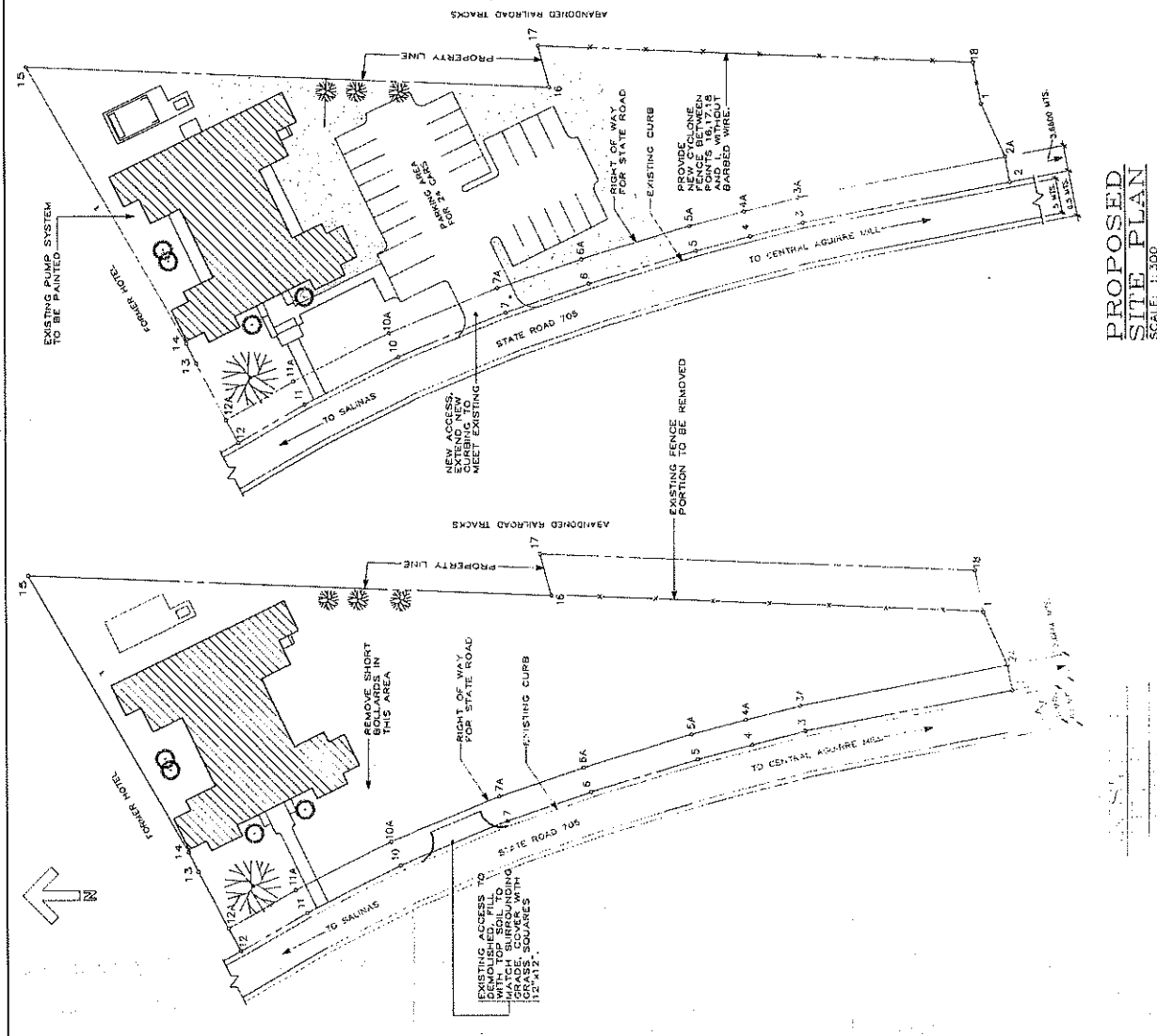
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	Y	X			
24	13,713.8373	174,684.0760	3.6000	S 79° 17' 50" W	
2	13,773.1576	174,650.4817	3.6000	N 10° 59' 11" W	
3	13,802.8526	174,554.7169	30.2484	N 13° 54' 55" W	
4	13,810.2748	174,652.8263	7.8516	N 13° 54' 36" W	
5	13,816.2748	174,650.7784	8.0559	N 14° 43' 36" W	
6	13,833.5535	174,646.1508	15.9541	N 16° 51' 02" W	
7	13,843.8874	174,642.0796	12.7039	N 19° 41' 41" W	
10	13,860.8653	174,635.8077	16.5152	N 22° 19' 08" W	
11	13,874.3746	174,628.0297	15.0868	N 26° 41' 43" W	
12	13,883.3038	174,623.5968	11.0038	N 29° 37' 45" W	
12A	13,885.6253	174,926.8220	3.6600	N 82° 01' 40" E	
14	13,875.9879	174,832.2995	11.0852	N 29° 36' 44" E	
14A	13,882.2552	174,635.1935	15.3660	S 26° 39' 26" E	
70A	13,846.7603	174,645.5465	16.7488	S 22° 17' 39" E	
6A	13,834.8144	174,649.6537	12.8215	S 18° 40' 38" E	
5A	13,819.2052	174,654.3182	8.1097	S 18° 50' 30" E	
4A	13,811.3537	174,658.3788	8.1077	S 14° 43' 27" E	
3A	13,804.5990	174,658.3225	6.0140	S 14° 02' 09" E	
2A	13,775.8373	174,684.0760	30.3033	S 10° 56' 55" E	

AREA = 432.0085 SQ. MTS. 0.1099 CDA.

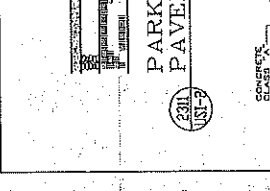
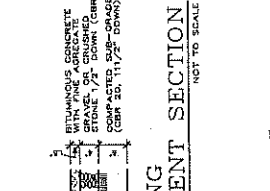
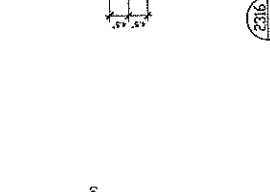
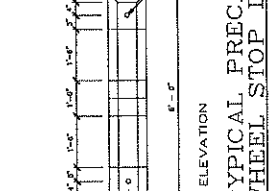
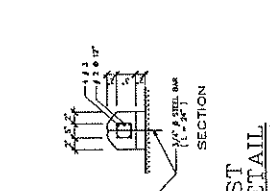
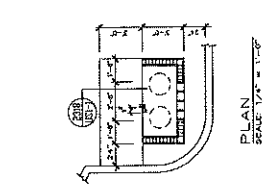
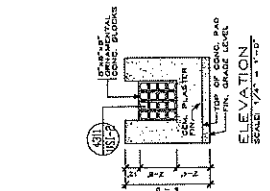
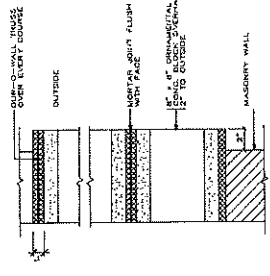
NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR SITE IMPROVEMENT INFORMATION
2. PRELIMINARY RECOMMENDATIONS TO WORK THAT MAY CAUSE DAMAGE TO THEM. CONSULT WITH ARCHITECT TO EVALUATE ALTERNATE PLANS.
3. SURVEY DATA OBTAINED FROM MAP PREPARED BY MR. LUIS R. SANCHEZ, SURVEYOR L.C. 8029, DATED NOV. 14, 1988.

REFER TO PLUMBING AND ELECTRICAL PLANS FOR ADDITIONAL SITE IMPROVEMENTS.



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ORNAMENTAL
BLOCK DETAIL
NOT TO SCALE
4311
USI-2

BLOW-UP
GARAGE STATION
NOT TO SCALE
4311
USI-2

TYPICAL PRECAST
WHEEL STOP DETAIL
NOT TO SCALE
2316
USI-2

TYPICAL HANDICAPPED
PARKING DETAIL
NOT TO SCALE
2910
USI-2

TYPICAL HANDICAPPED
RAMP DETAIL
NOT TO SCALE
2315
USI-2

TYPICAL HANDICAPPED
EQUIPMENT SCREEN
NOT TO SCALE
2515
USI-2

TYPICAL HANDICAPPED
PARKING DETAIL
NOT TO SCALE
2910
USI-2

TYPICAL HANDICAPPED
RAMP DETAIL
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2315
USI-2

CROSS GUTTER DETAIL
NOT TO SCALE
2313
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CONCRETE CURB
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CONC. SIDEWALK DETAILS
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2318
USI-2

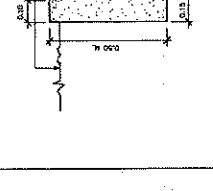
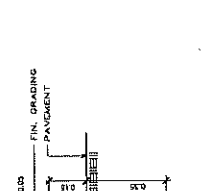
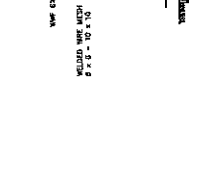
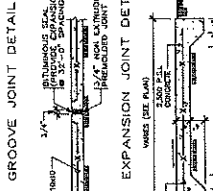
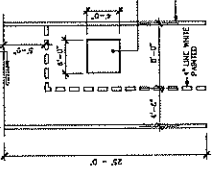
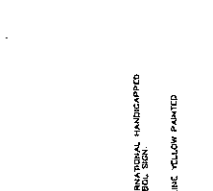
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CONC. SIDEWALK DETAILS
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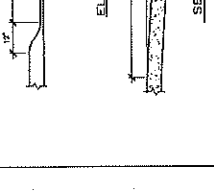
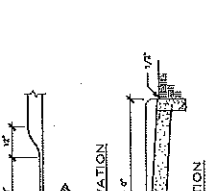
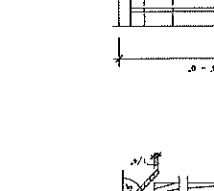
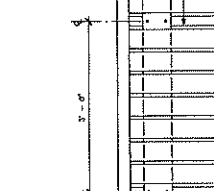
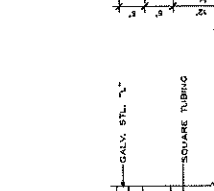
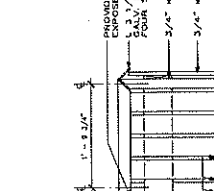
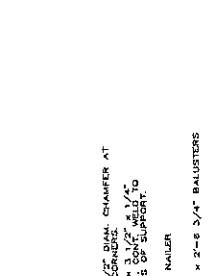
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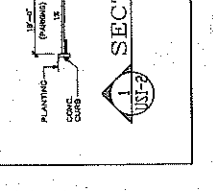
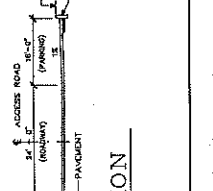
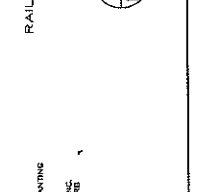
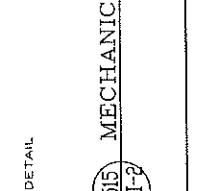
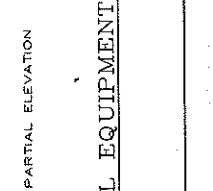
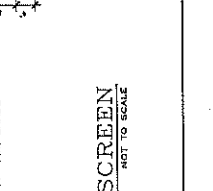
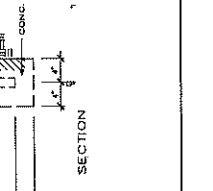
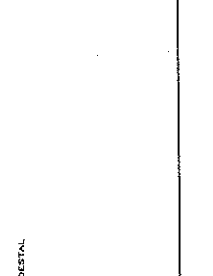
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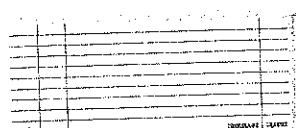
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REHABILITATION FOR VISITORS & RESEARCH CENTER
Job: Bay National Environmental Research Center
Pedro A. Miranda
BLOW-UP 7: SITE DETAILS
GARAGE STATION

PEDRO A. MIRANDA & ASSOCIATES
drawing number: USI-2
date number: 3/83



REHABILITATION FOR VISITORS & RESEARCH CENTER
INFORMATION
Jobos Bay National Estuarine Research Reserve Department of Natural Resources
DEMOLITION PLAN
STRUCTURAL DETAIL
LEGEND & ABBREVIATIONS

EDWARD A. MARRAS & ASSOCIATES
 10000 130th Avenue, North, Suite 200
 Richmond, BC V6V 2G9
 Tel: 604-273-8888
 Fax: 604-273-8889
 Email: info@edwardmarras.com

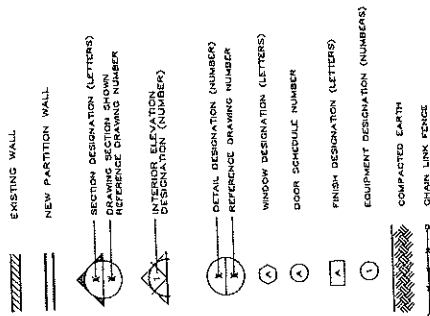
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UJSI-3

Issue number

4/33

W E Z D



ABBREVIATIONS USED:

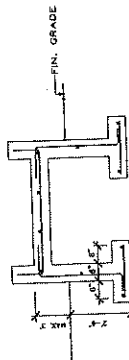
ARCHITECTURAL OR ARCHITECT	CONCRETE MASONRY UNIT
CONCRETE	CONCRETE
CONTINUOUS	CONTINUOUS
DETAIL	DETAIL
DRAINAGE	DRAINAGE
EACH ON AT	EACH ON AT
ELECTRICAL	ELECTRICAL
ELEVATION	ELEVATION
EXPANDED	EXPANDED
FINISH OR FINISHED	FINISH OR FINISHED
FLOOR	FLOOR
GAUGE	GAUGE
GALVANIZED	GALVANIZED
MAXIMUM	MAXIMUM
MILIMUM	MILIMUM
MARKED	MARKED
MISCELLANEOUS	MISCELLANEOUS
METAL	METAL
METERS	METERS
ON CENTER	ON CENTER
SHEET	SHEET
STEEL	STEEL
STRUCTURAL	STRUCTURAL
SQUARE	SQUARE
THICK	THICK
TYPICAL	TYPICAL
WITH	WITH



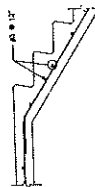
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SECTION

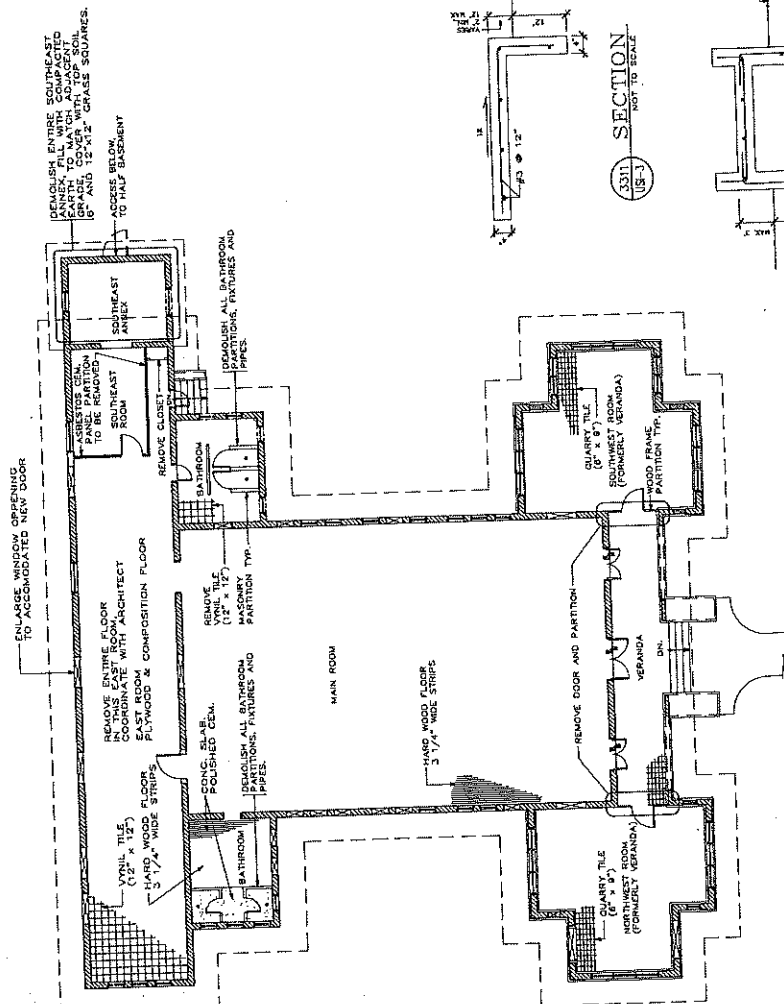
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3312 SECTION
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3313
USI-3

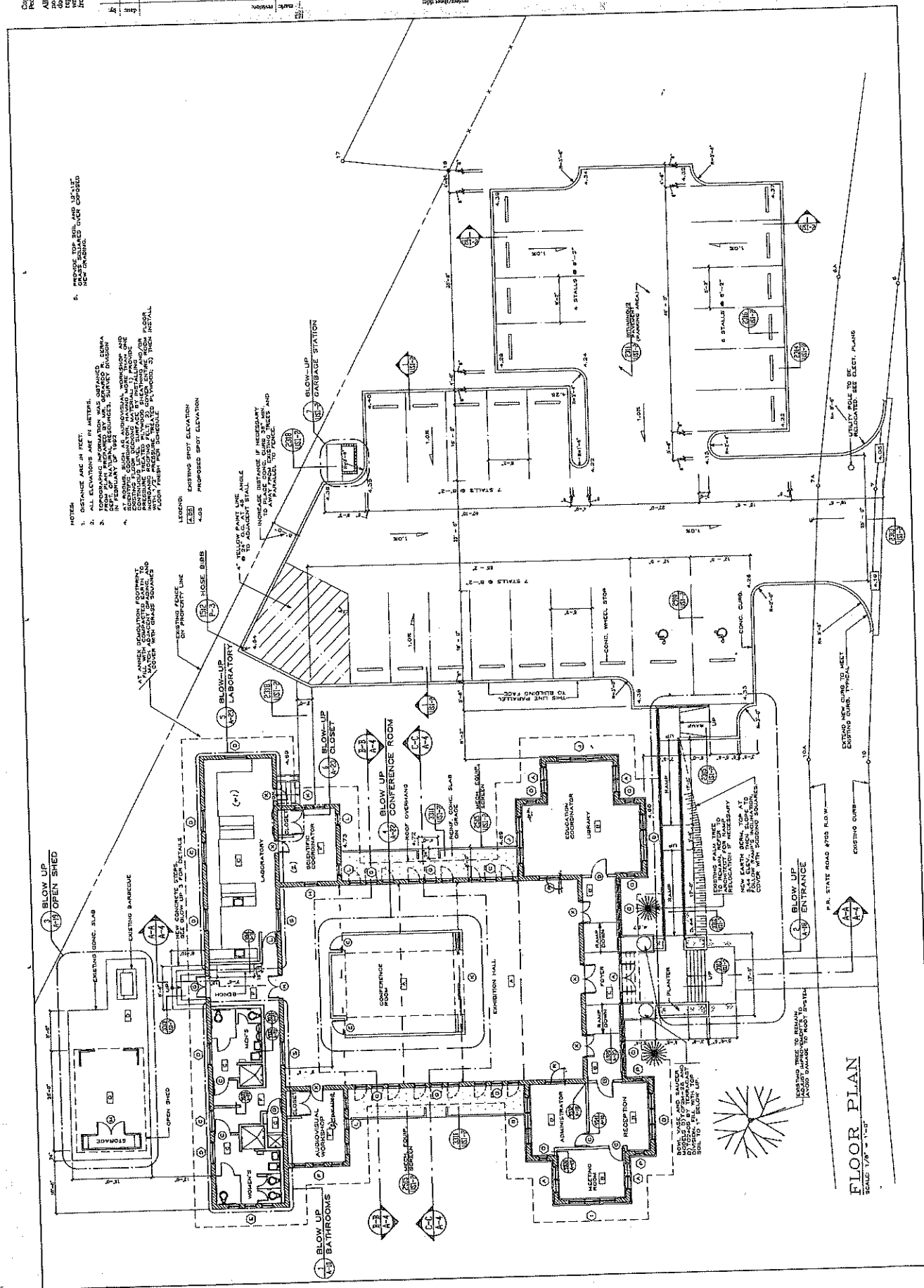


DEMOLITION PLAN

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

NOTES:

1. REMOVE ALL DOORS AND WINDOWS, INCLUDING FRAMES IF NOT ORIGINAL, TO BE REPLACED.
2. DO NOT DAMAGE ANY ORIGINAL BUILDING ELEMENTS, INCLUDING DOORS, WINDOWS AND THEIR RESPECTIVE FRAMES.
3. REMOVE ROOFING TILES AND PAPER UNDERLAYMENT.
4. DANGER: ROOFING TILES AND SOME INTERIOR PAR-
TICULARLY ASBESTOS FIBERS, ALL APPLICABLE
REGULATIONS MUST BE IMPLEMENTED RIGHT FROM
BUT NOT LIMITED TO, QUALITY BOARD OF P.R.
FOR THE TERM ORIGINAL AS USED IN THIS NOTES, REFER
TO THOSE PARTS OF THE BUILDING CONSTRUCTION,
THE SECOND AND THIRD DECADES OF THIS CENTURY.
5. THIS BUILDING, AND ITS SURROUNDING ENVIRONMENT MUST BE
AND HISTORICAL AND ARCHITECTURAL DURING ALL
REHABILITATION WORK, INCLUDING DEMOLITION AND TECH-
NEW CONSTRUCTION WHILE STRUCTURE'S INTEGRITY.
NEW CONSTRUCTION WHILE STRUCTURE'S INTEGRITY.
6. REMOVE ELECTRICAL AND PLUMBING IMPROVEMENTS
CONSTRUCTION, AND OR REPLACED BY NEW
CONSTRUCTION.



	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	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524
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REHABILITATION FOR VISITORS & RESEARCH CENTER
Department of Natural Resources
Jobay Bay National Estuarine Research Reserve

တပ်မတော်(ဦး)

PEDRO A.
MARRADA &
ASSOCIATES

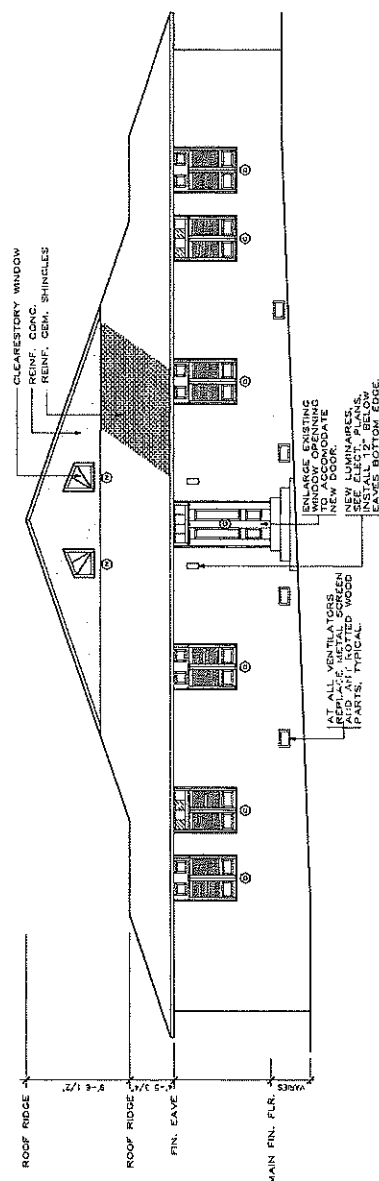
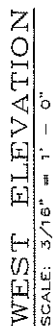
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Inventory number:

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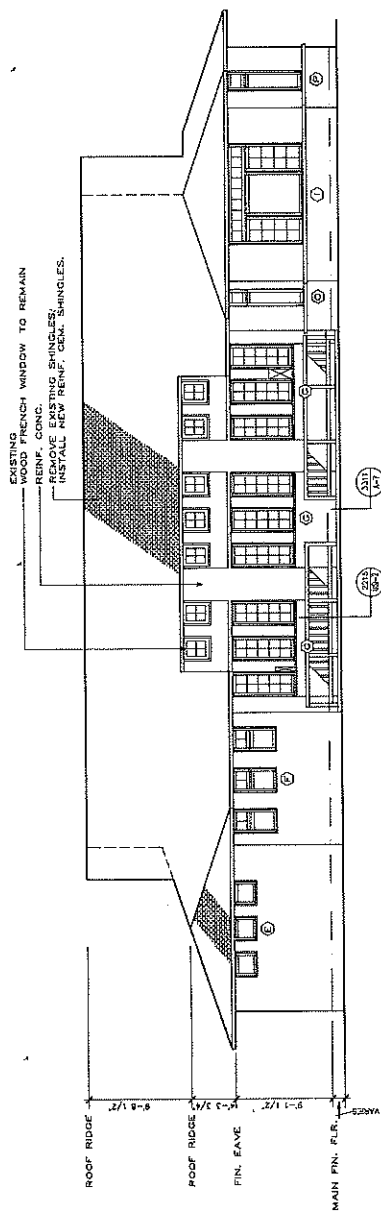
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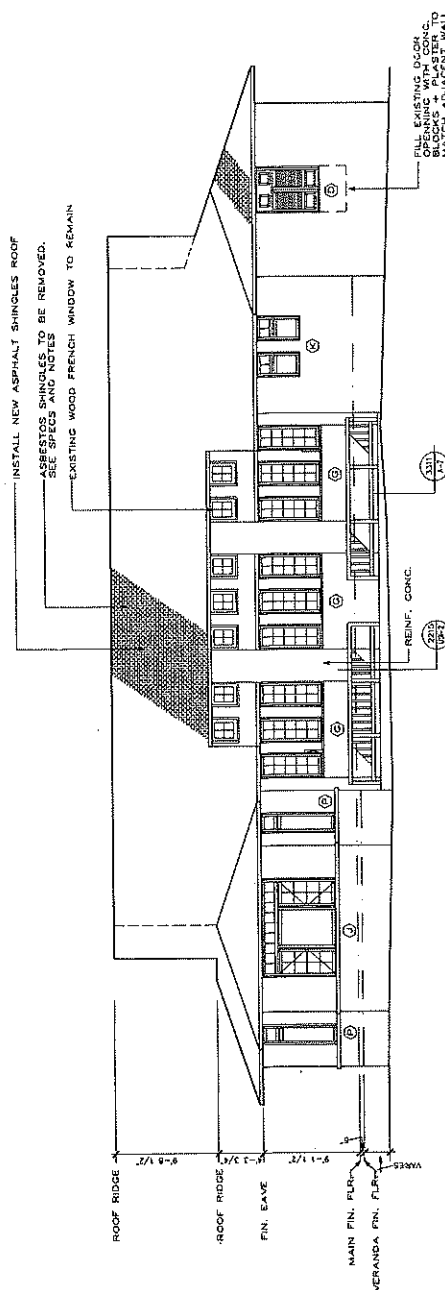


EAST ELEVATION
SCALE: 3/16" = 1' - 0"

- NOTES:
1. REPAIR AND COMPLETE CONCRETE PILLARS BETWEEN WINDOWS MARKED (C). MATCH ADJACENT CONC. SURFACE.
 2. REPAIR AND COMPLETE CONCRETE WALL TO MATCH ADJACENT SURFACE WHERE DEMOLISHED SOUTH EAST ANNEX ATTACHED TO REMAINING BUILDING.



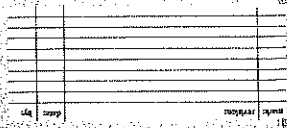
NORTH ELEVATION
SCALE: 3/16" = 1' = 0"



SOUTH ELEVATION
SCALE 3/8" = 1' - 0"

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

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ROOF PLAN & DETAILS

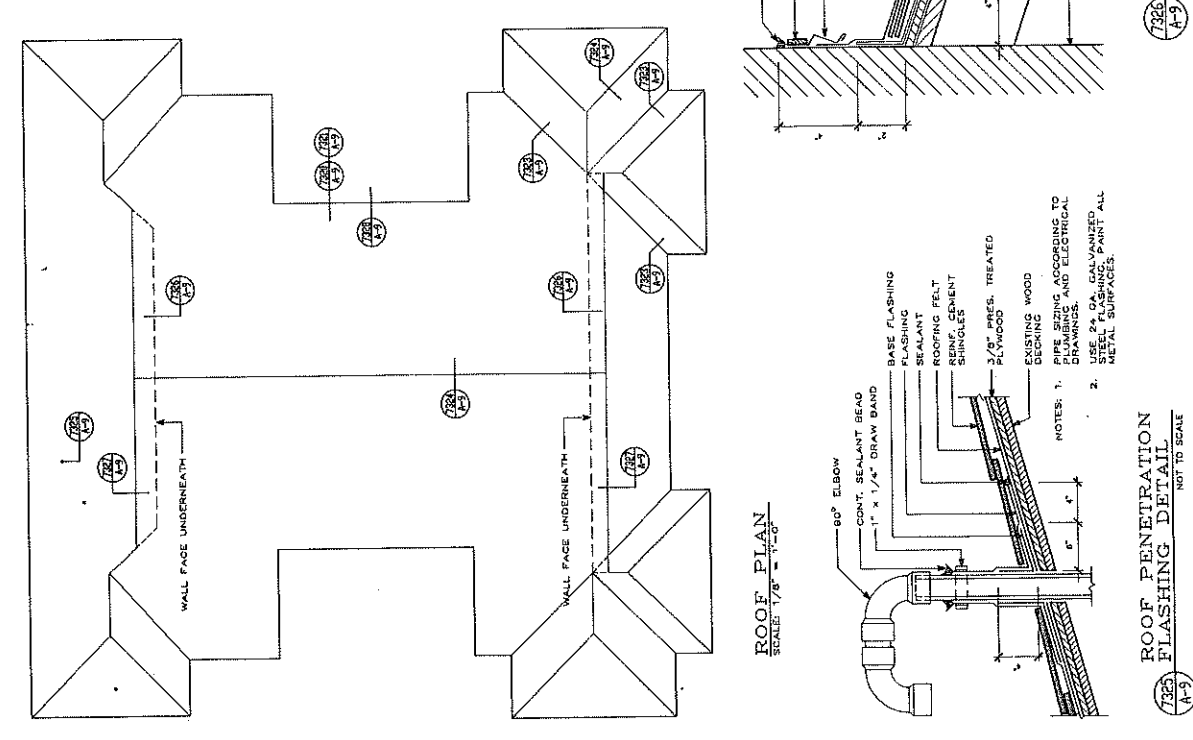
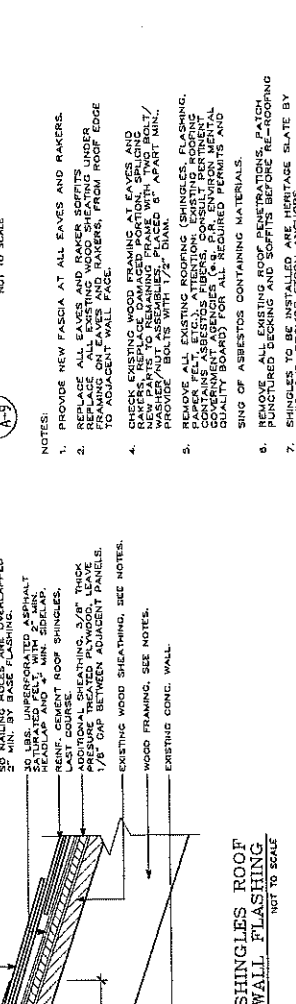
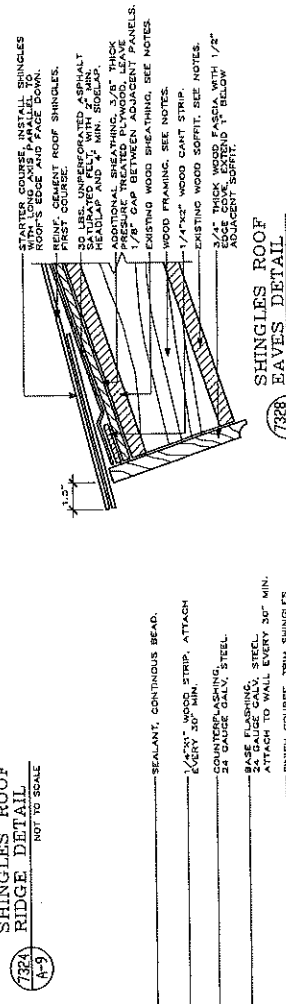
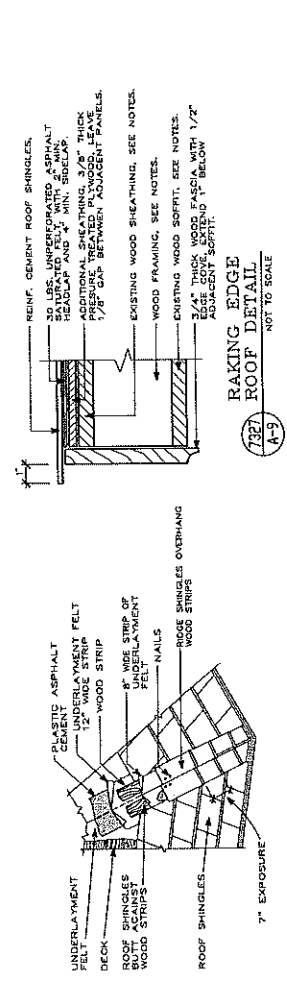
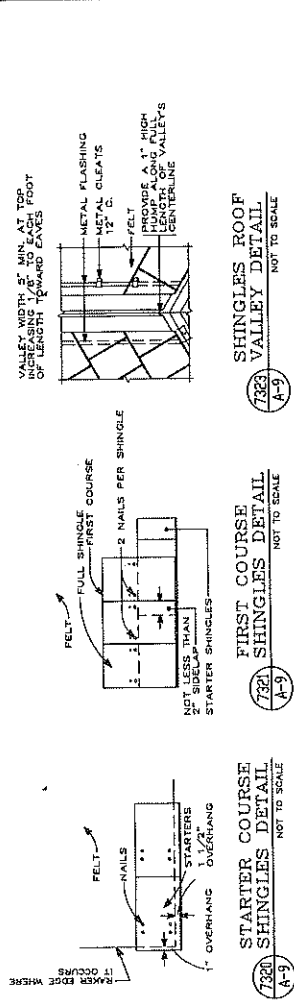
DATE: 9/83
DRAWN BY: [illegible]

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MIRANDA &
ASSOCIATES

DATE: 9/83
DRAWN BY: [illegible]

A-5

9/83



- NOTES:
1. PROVIDE NEW FASCIA AT ALL EAVES AND RAKERS.
 2. REPLACE ALL EXISTING ROOFING (SHINGLES, FLASHING, PAPER FELT, ETC.) WITH NEW ROOFING SYSTEM. REMOVE ALL EXISTING ROOFING MATERIALS. PATCH PUNCTURED BECKING AND SOFFITS BEFORE RE-ROOFING. SHINGLES TO BE INSTALLED ARE 1/2" THICK SLATE BY SUPPLYMAN. PROVIDE 2" STICKER ANCHORS.
 3. CHECK EXISTING WOOD FRAMING AT EAVES AND RAKERS. REPAIR OR REPLACE AS NECESSARY. PROVIDE 1/2" x 4" x 8" STUDS AT EAVES AND RAKERS. PROVIDE 1/2" x 4" x 8" STUDS AT EAVES AND RAKERS. PROVIDE 1/2" x 4" x 8" STUDS AT EAVES AND RAKERS. PROVIDE 1/2" x 4" x 8" STUDS AT EAVES AND RAKERS.
 4. REMOVE ALL EXISTING ROOFING MATERIALS. PATCH PUNCTURED BECKING AND SOFFITS BEFORE RE-ROOFING. SHINGLES TO BE INSTALLED ARE 1/2" THICK SLATE BY SUPPLYMAN. PROVIDE 2" STICKER ANCHORS.
 5. REMOVE ALL EXISTING ROOFING MATERIALS. PATCH PUNCTURED BECKING AND SOFFITS BEFORE RE-ROOFING. SHINGLES TO BE INSTALLED ARE 1/2" THICK SLATE BY SUPPLYMAN. PROVIDE 2" STICKER ANCHORS.
 6. REMOVE ALL EXISTING ROOFING MATERIALS. PATCH PUNCTURED BECKING AND SOFFITS BEFORE RE-ROOFING. SHINGLES TO BE INSTALLED ARE 1/2" THICK SLATE BY SUPPLYMAN. PROVIDE 2" STICKER ANCHORS.
 7. REMOVE ALL EXISTING ROOFING MATERIALS. PATCH PUNCTURED BECKING AND SOFFITS BEFORE RE-ROOFING. SHINGLES TO BE INSTALLED ARE 1/2" THICK SLATE BY SUPPLYMAN. PROVIDE 2" STICKER ANCHORS.

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

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Project Name:	REHABILITATION FOR VISITORS & RESEARCH CENTER
Client:	James H. Watson Foundation Research Center, Department of Natural Resources
Architect:	Pedro A. Miranda & Associates
Date:	10/83
Sheet:	A-6

REFLECTED CEILING PLAN AND AIR CONDITIONING SYSTEM PLAN

Consistent

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ASSOCIATES

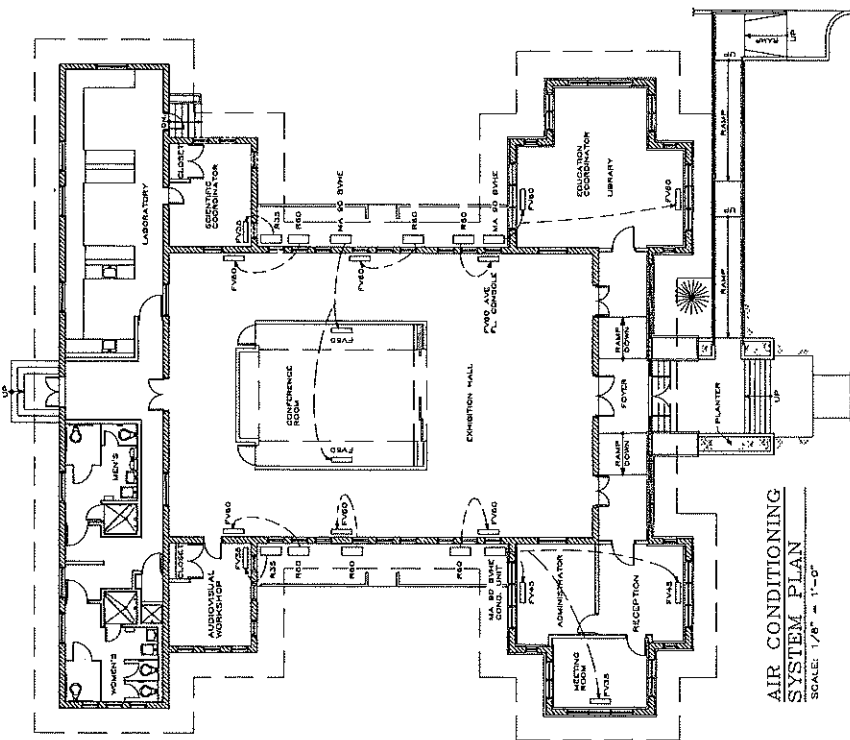
Architects, Engineers, Planners
1000 Bay National Boulevard, Suite 200
San Francisco, California 94133

Drawing Number:

A-6

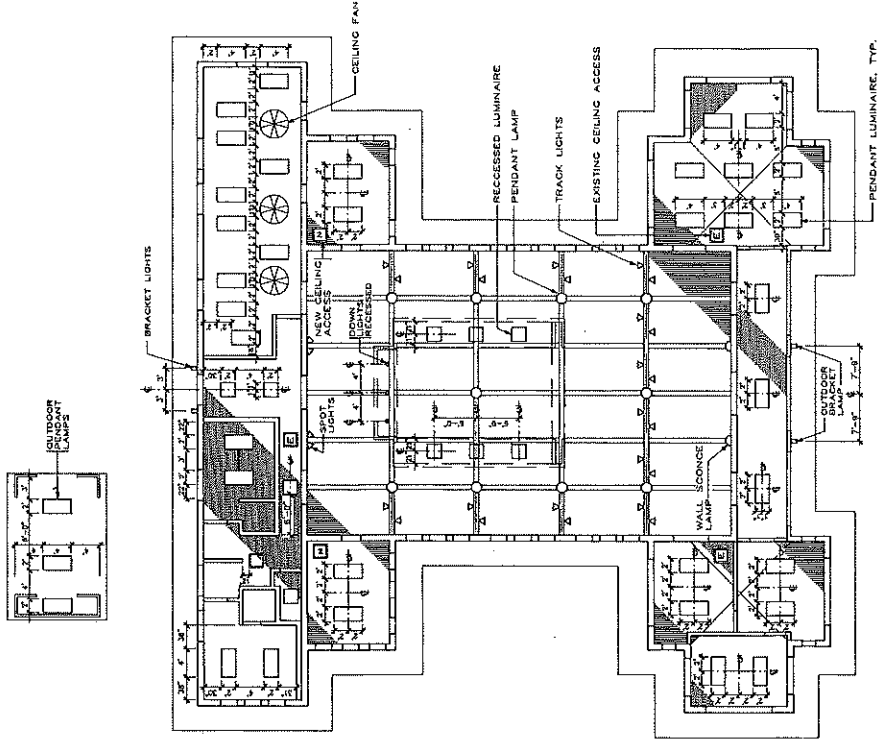
Sheet Number:

10/83



AIR CONDITIONING
SYSTEM PLAN
SCALE: 1/8" = 1'-0"

- NOTES:
1. PLACE OUTDOOR UNITS AT 8" MIN. FROM ANY ADJACENT WALL AND BEHIND SCREEN FENCE.
 2. ALL DUCTWORK SHALL BE INSULATED WITH 1" MIN. THICKNESS OF GLASS FIBER INSULATION.
 3. ELECTRICAL & OTHER SYSTEMS SHALL BE LOCATED IN UNITS OR IN WALLS OR FLOORS OR CEILING AS SHOWN ON ARCHITECTURAL DRAWINGS.
 4. DASHED LINES WITH ARROWS ONLY SHOW CORRESPONDENCE BETWEEN UNITS.
 5. SEE ARCHITECTURAL & ELECTRICAL DRAWINGS FOR LOCATION OF ELECTRICAL PANELS.
 6. PROVIDE ELECT. DRAINAGE FOR POWER SUPPLY.
 7. PLACE NOISE UNITS FLUSH AGAINST BACK WALL. BUT ALLOW 8" MIN. FROM ANY SIDEWALL.



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

- NOTES:
1. CEILING FANS AT LABORATORY ARE: 24" BLADES, 1/2 HP, 115V, 1 PHASE, 60 HZ, 1/2" STEEL.
 2. SEE ELECTRICAL PLANS FOR LUMINAIRE MODELS AND OTHER INFORMATION.
 3. PROVIDE CEILING LIGHTS AS SHOWN ON ARCHITECTURAL DRAWINGS.
 4. PROVIDE CEILING LIGHTS AS SHOWN ON ARCHITECTURAL DRAWINGS.

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BATHROOMS, BLOW-UP 1

REHABILITATION FOR VISITORS & RESEARCH CENTER
Job: Bay National University Research Center Department of Natural Resources
Project/Client: Bay National University Research Center
Architect: Pedro A. Miranda & Associates
Scale: 3/8" = 1'-0"

PEDRO A.
MIRANDA &
ASSOCIATES

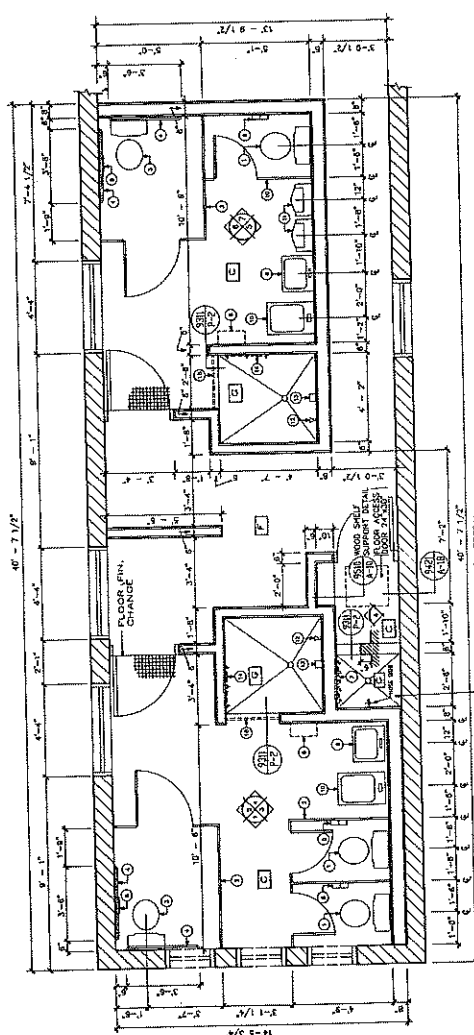
Architects/Engineers/Interior Designers
10000 University Avenue
San Diego, CA 92161
(619) 576-1111

Drawing number: A-7

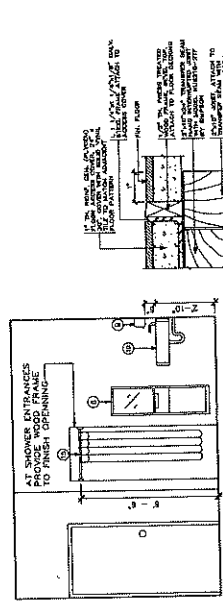
Date: 11/83

NO.	EQUIPMENT	MANUFACTURER	MODEL / REMARKS
1	TOILET	AMERICAN STD.	2106.600 WITH OLSONITE 95 SEAT
2	PARTITION	BOBRICK	1041 WITH 685 COLOR
3	TOILET (H.)	AMERICAN STD.	2106.600 WITH OLSONITE 95 SEAT
4	GRAB BAR	BOBRICK	B-550(47)
5	TOILET DISPENSER	BOBRICK	B-2740
6	TOWEL DISP. & RESEP.	BOBRICK	B-3844; INSTALL 12" ABOVE F.F.
7	MOP HOLDER	BOBRICK	B-233(24)
8	LAVATORY	AMERICAN STD.	9140.075 WITH GROHEN FAUCET 20.187
9	SOAP DISPENSER	BOBRICK	B-135
10	LAVATORY (H.)	AMERICAN STD.	9140.075 WITH GROHEN FAUCET 20.187
11	URINAL	AMERICAN STD.	6340.017
12	SHOWER HEAD & CONTROLS	AMERICAN STD.	1343.086 ULTRA-MIX SHOWER VALVE LEVER HEAD WITH 2.5 GPM FLOW RESTRICTOR, ARM AND FLANGE
13	SOAP DISH	BOBRICK	B-680
14	HOCK STRIP	BOBRICK	B-607 (307) MODEL 204-2 CURTAIN 42"
15	DOOR	BOBRICK	1800-1 HOOKS

NOTES:
A. CAP ALL UNUSED LAVATORY FAUCET HOLES WITH CHROMED METAL COVERS.
B. GRAB BARS MUST BE ANCHORED TO SUPPORT A MIN. 150 LB. LOAD.
C. REFER TO PLUMBING PLANS FOR ADDITIONAL INFORMATION.

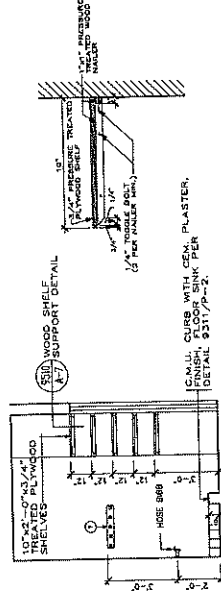


PLAN
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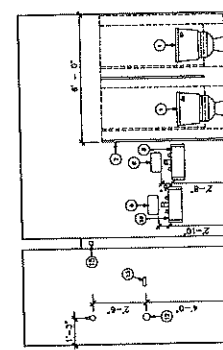
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SCALE: 3/8" = 1'-0"

FLOOR ACCESS
COVER DETAIL
A-7

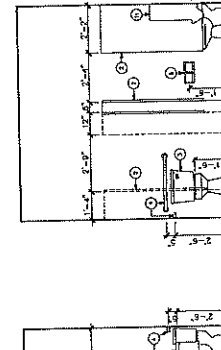


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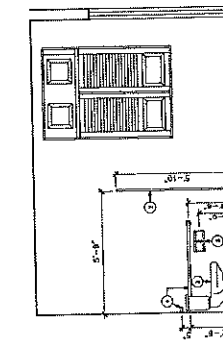
WOOD SHELF
SUPPORT DETAIL
A-7



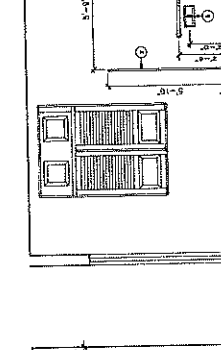
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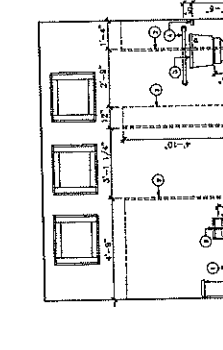
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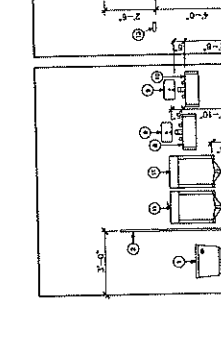
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ELEVATION
SCALE: 3/8" = 1'-0"



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



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

1 BLOW-UP
A-30 BATHROOMS

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REHABILITATION FOR VISITORS & RESEARCH CENTER
Jobos Bay National Estuarine Research Reserve Department of Natural Resources

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**PEDRO A.
MIRANDA &
ASSOCIATES**

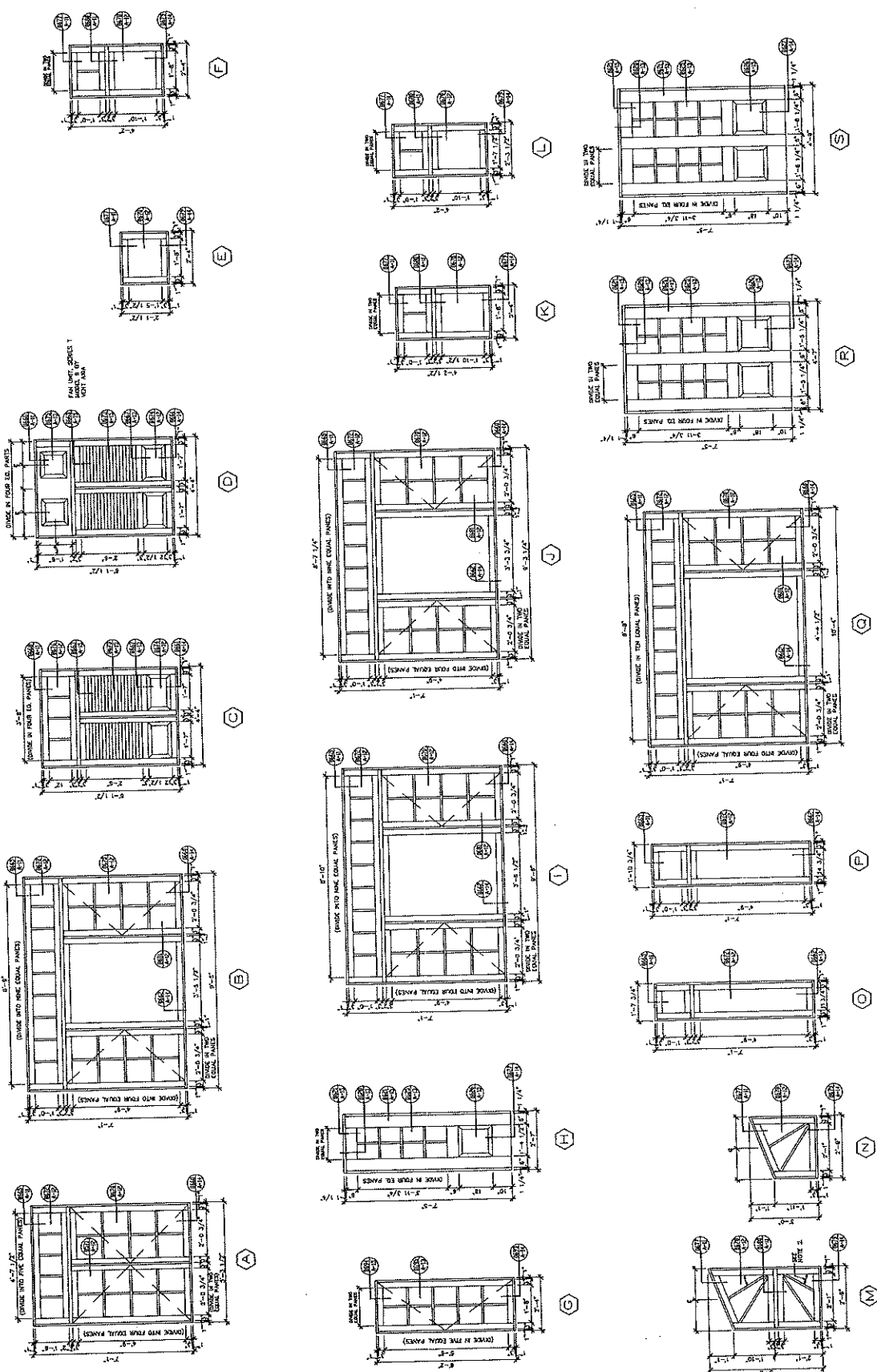
For more information, contact:

drawing number

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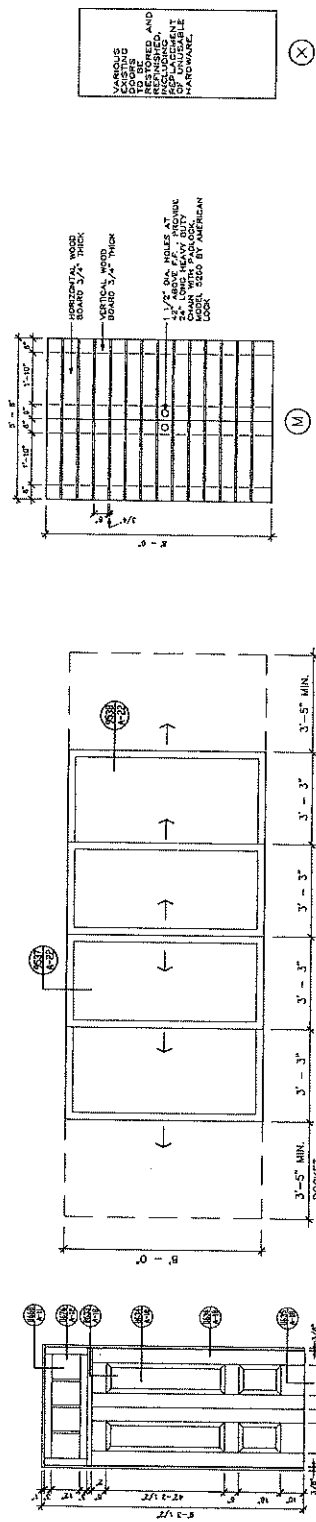
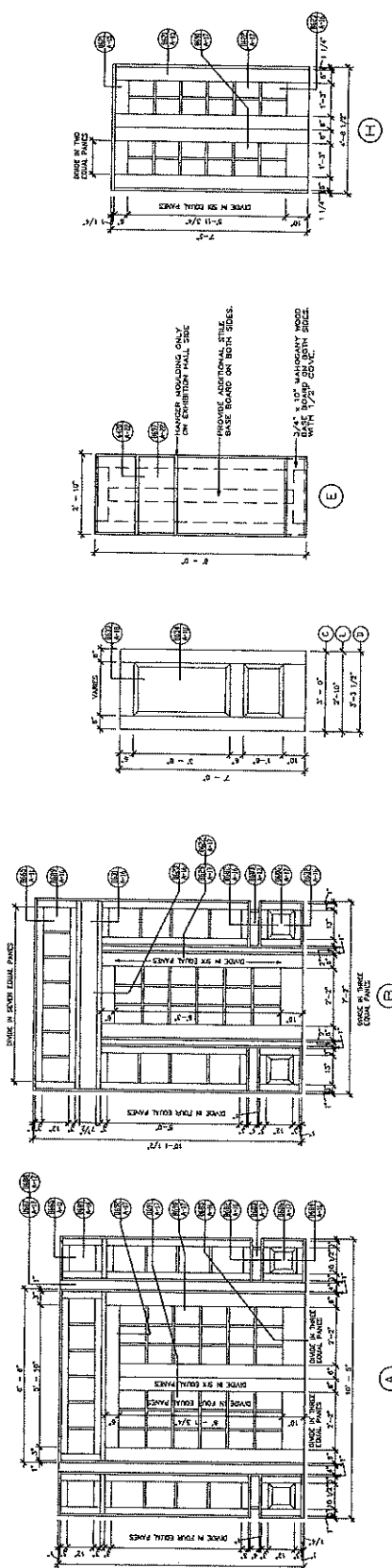
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13/33



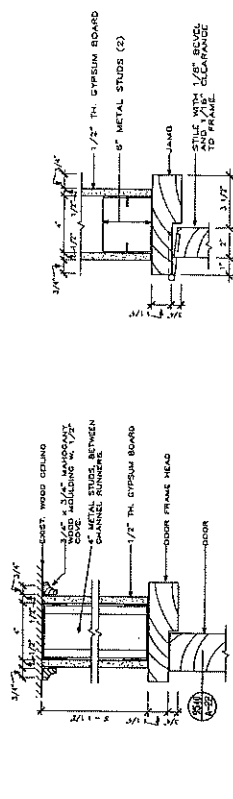
NOTES: 1. CLERESTORY WINDOWS OCCUR IN PAIRS. ELEVATIONS SHOWN APPLY TO SYMMETRICAL MIRROR IMAGE ALSO.

2. MAKE ANO. EQUAL TO THE ONE ABOVE.



NOTES FOR CODERS & WINDOWS:

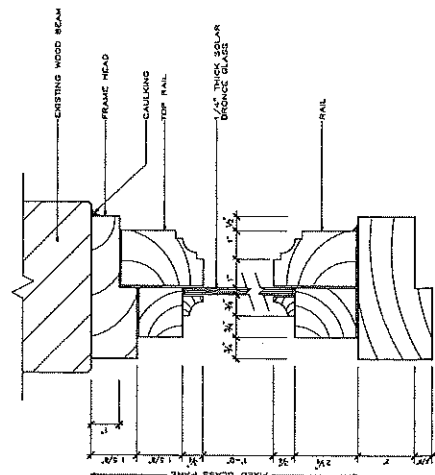
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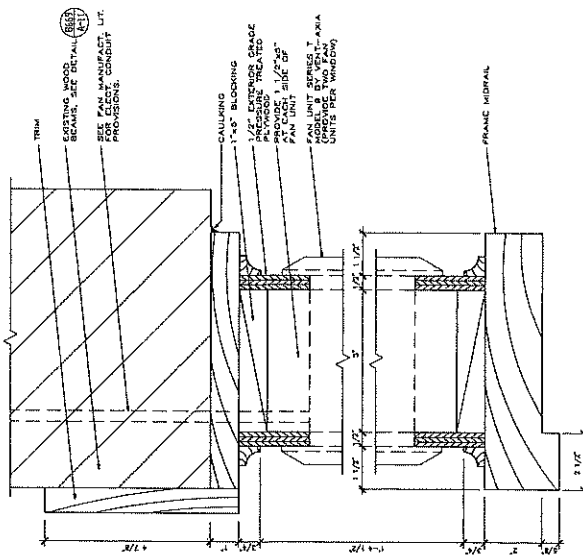
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PARTITION/JAMB

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TYPICAL DETAIL	TYPICAL DETAIL
A-22	A-22

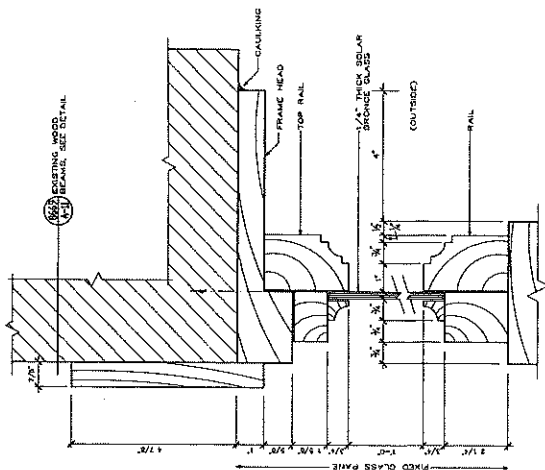
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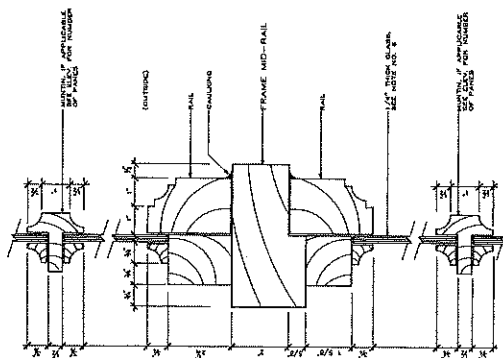
WINDOW HEAD DETAIL



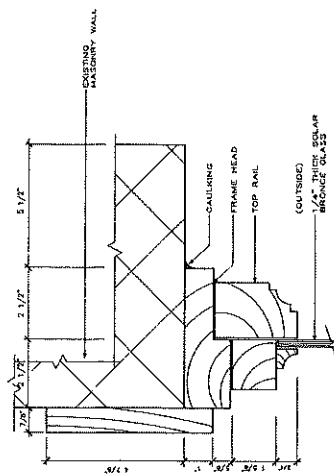
WINDOW
HEAD DETAIL



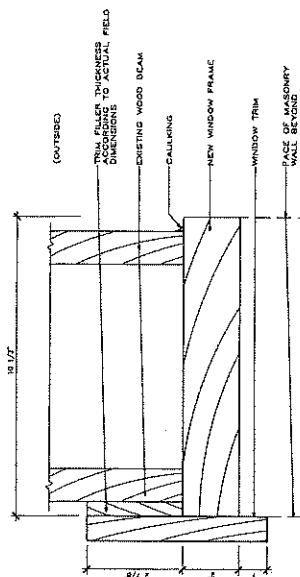
WINDOW
HEAD DETAIL



WINDOW
MID-RAIL DETAIL



WINDOW
HEAD DETAIL



WINDOW
HEAD DETAIL

management, engineering, planning

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Sheet	8674
Project	REHABILITATION FOR VISITORS & RESEARCH CENTER
Location	Job: Bay Medical Research Reserve
Architect	Department of Natural Resources

REHABILITATION FOR VISITORS & RESEARCH CENTER
Job: Bay Medical Research Reserve
Department of Natural Resources

WINDOW DETAILS

Continued

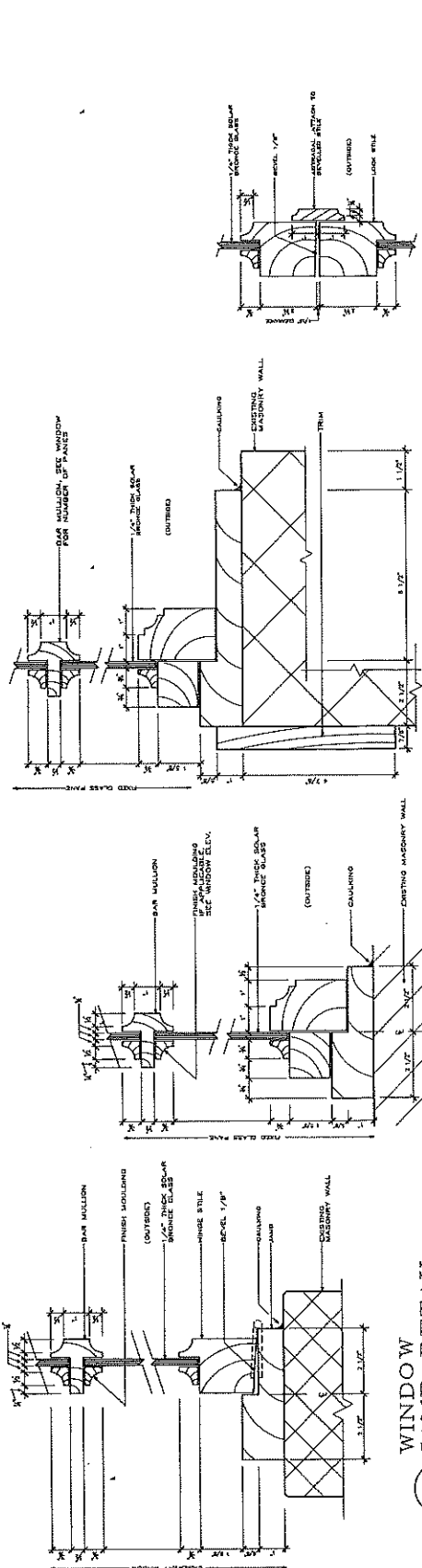
PEDRO A.
MIRANDA &
ASSOCIATES

Architectural, engineering, planning
and construction services

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Check by: A-12

Date: 16/33

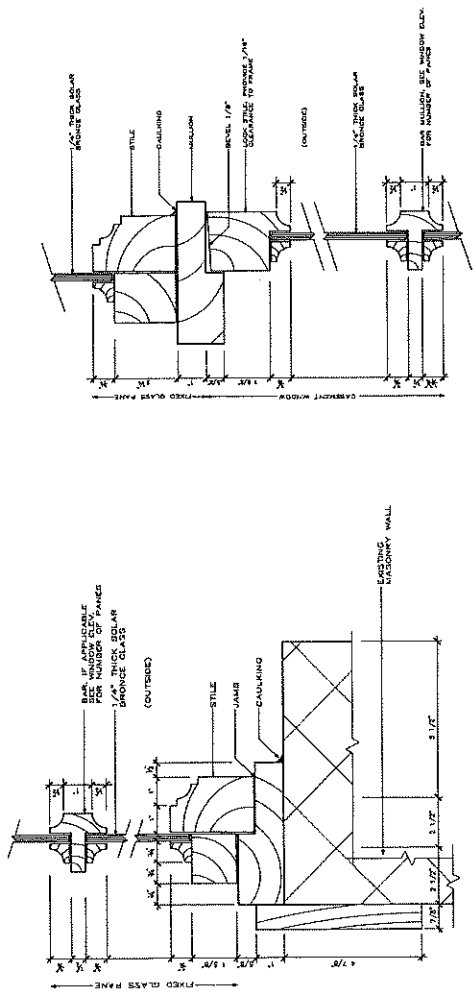


8671 CASEMENT WINDOW DETAIL
A-12

8676 WINDOW JAMB DETAIL
A-12

8672 WINDOW JAMB DETAIL
A-12

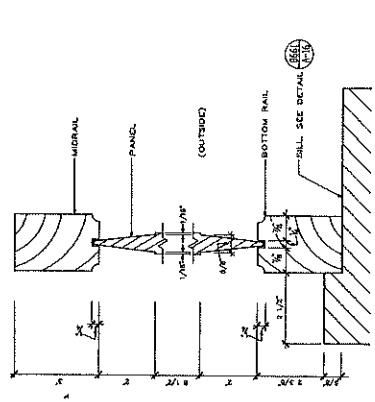
8670 WINDOW JAMB DETAIL
A-12



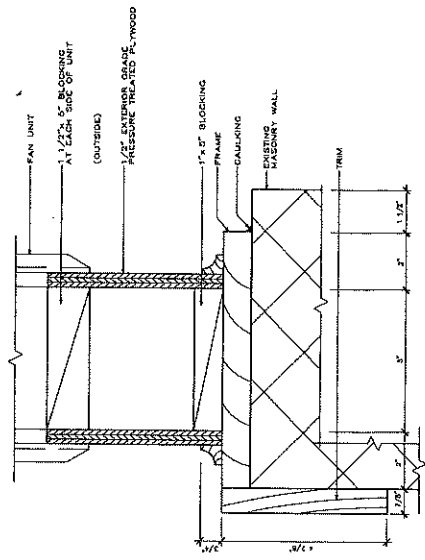
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A-12

8678 WINDOW JAMB DETAIL
A-12

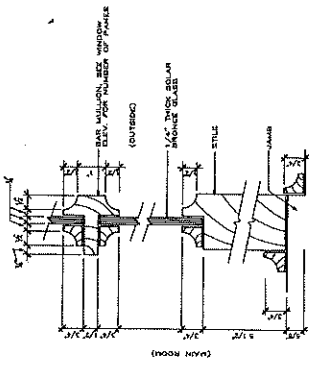
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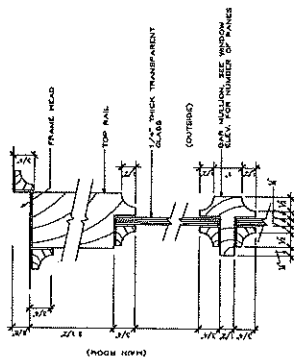
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A-13
WINDOW
PANEL DETAIL



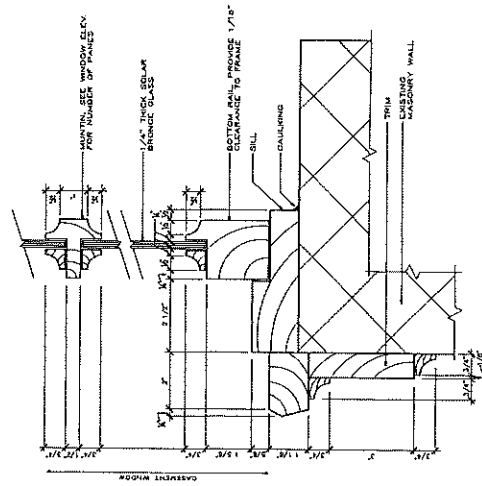
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WINDOW
JAMB DETAIL



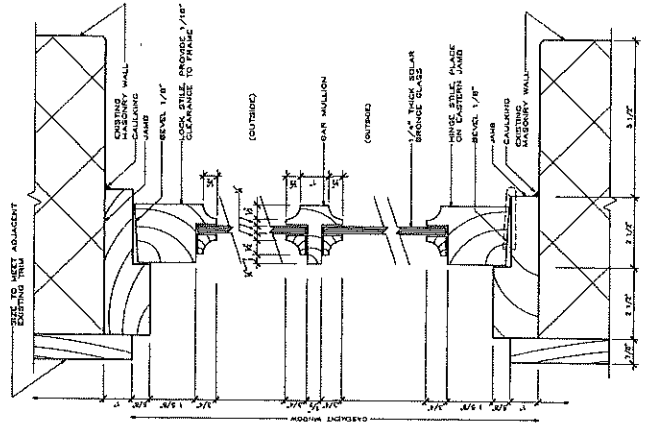
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A-13
WINDOW
JAMB DETAIL



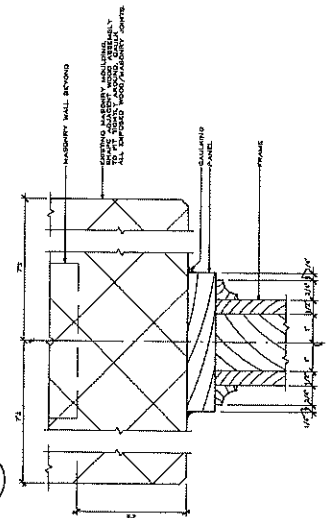
8626
A-13
WINDOW
HEAD DETAIL



8693
A-13
CASEMENT WINDOW
SILL DETAIL



8695
A-13
CASEMENT WINDOW
JAMB DETAIL



8628
A-13
SIDE LIGHT
JAMB DETAIL

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Pedro A. Miranda & Associates
1000 Bay Medical Research Building
Department of Natural Resources
WINDOW DETAILS

PEDRO A.
MIRANDA &
ASSOCIATES
Architects, Engineers, Planners
1000 Bay Medical Research Building
Department of Natural Resources

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A-13
Sheet number:
17/33

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Pedro A. Miranda
Department of Natural Resources
Job: Bay National Executive Research Reserve

WINDOW DETAILS

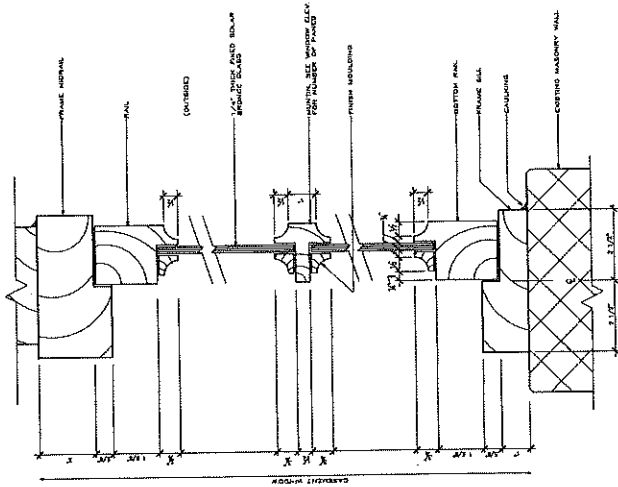
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MIRANDA &
ASSOCIATES

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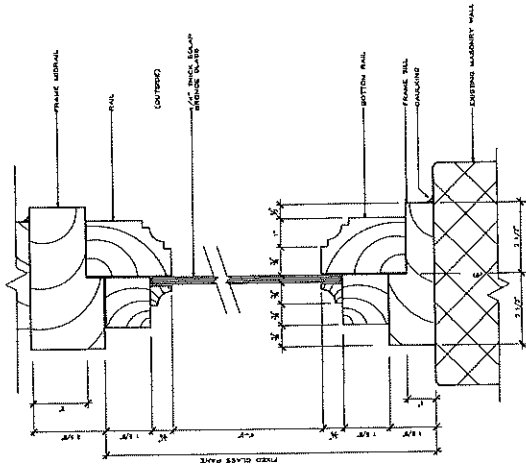
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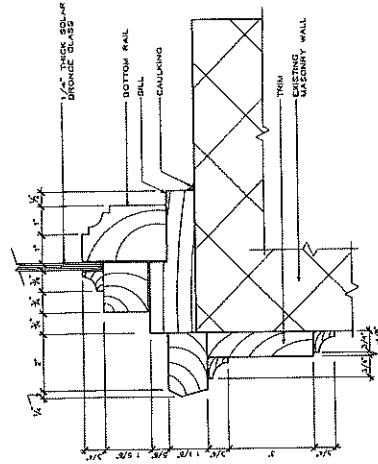
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SILL DETAIL

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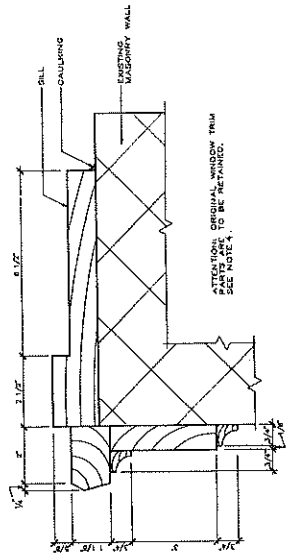
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SILL DETAIL

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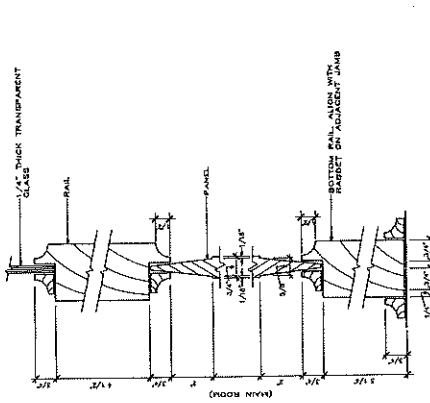
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SILL DETAIL

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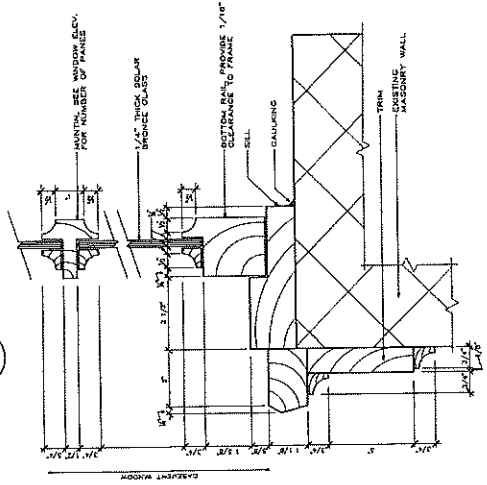
WINDOW
SILL DETAIL

8661
A-14



WINDOW
SILL DETAIL

8627
A-14



CASEMENT WINDOW
SILL DETAIL

8693
A-14

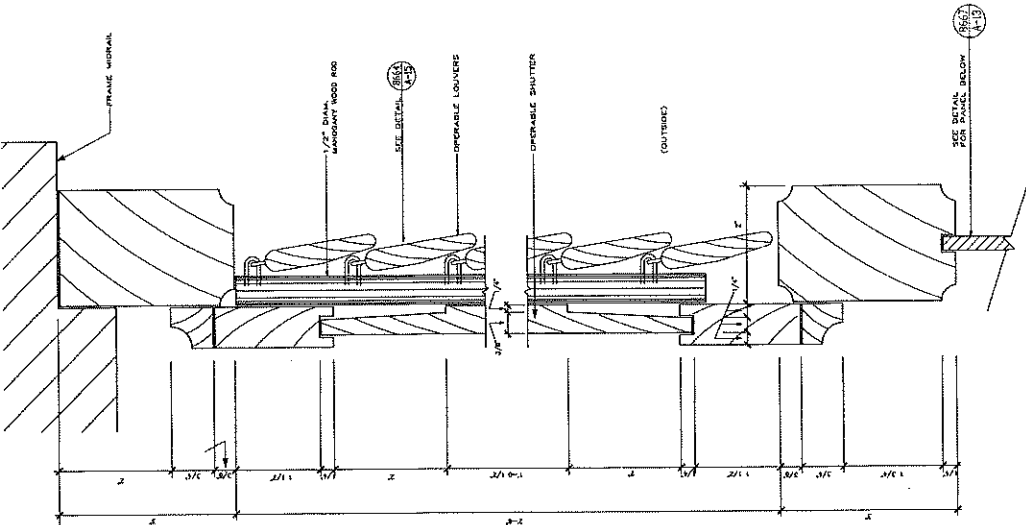
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Jesse Roy Medical Research Institute
Department of Natural Resources
proposed by
Pedro A. Miranda
Architect
considered by
Jesse Roy Medical Research Institute
Department of Natural Resources

PEDRO A.
MIRANDA &
ASSOCIATES
ARCHITECTS
10000 N. 10th Ave., Suite 100
Phoenix, Arizona 85020
(602) 998-1000

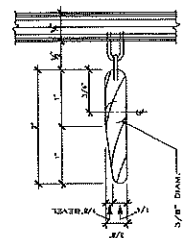
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WINDOW DETAILS



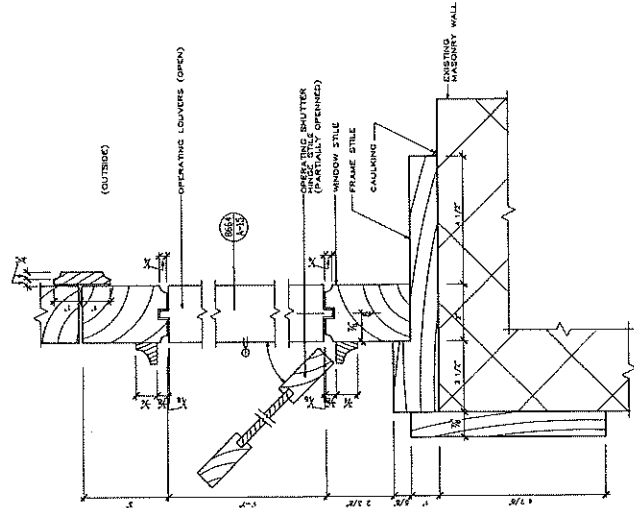
WINDOW LOUVERS
& SHUTTER DETAIL

8663
A-15



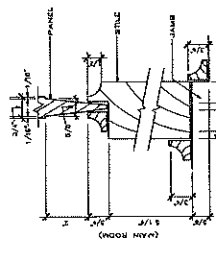
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A-15



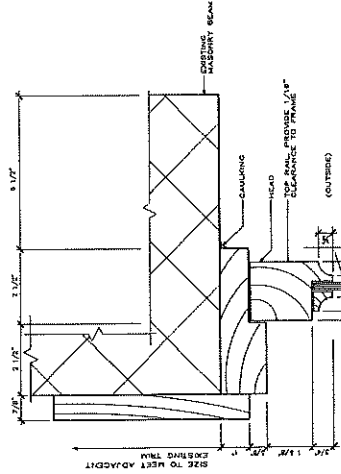
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JAMB DETAIL

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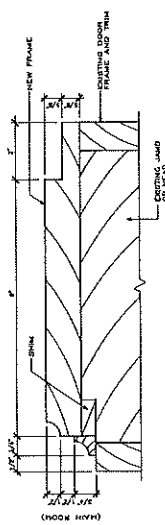
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JAMB DETAIL

8626
A-15



CASEMENT WINDOW
HEAD DETAIL

8694
A-15



FRAME DETAIL

8621
A-15

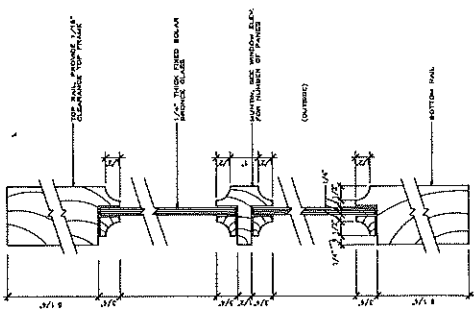
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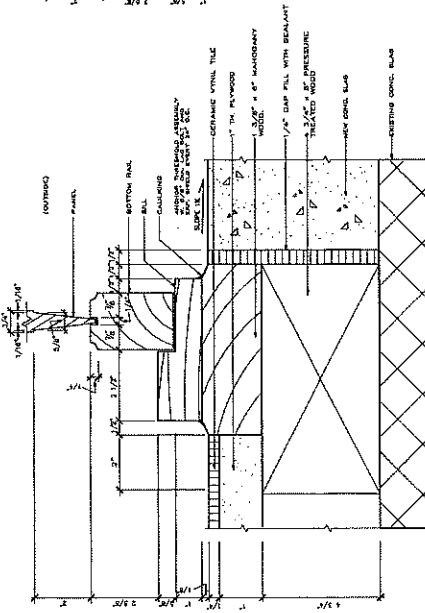
PEDRO A.
MIRANDA &
ASSOCIATES
Architects, Engineers, Planners
1000 Highway 100, Suite 100
San Juan, P.R. 00909
(787) 734-1100

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Sheet number: 20/33

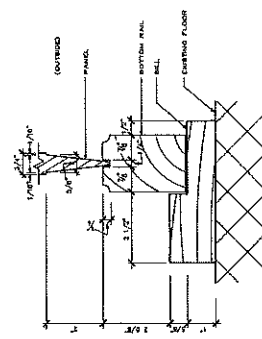
DOOR DETAILS



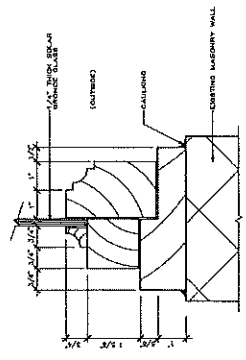
8623 DOOR VERTICAL SECTION DETAIL
A-16



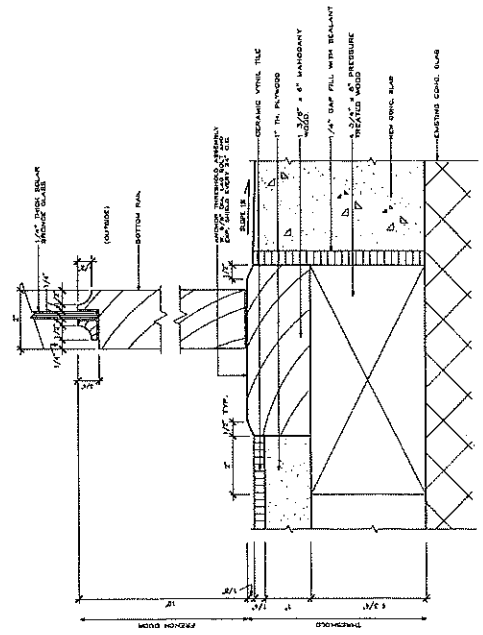
8684 DOOR SIDE LIGHT THRESHOLD DETAIL
A-16



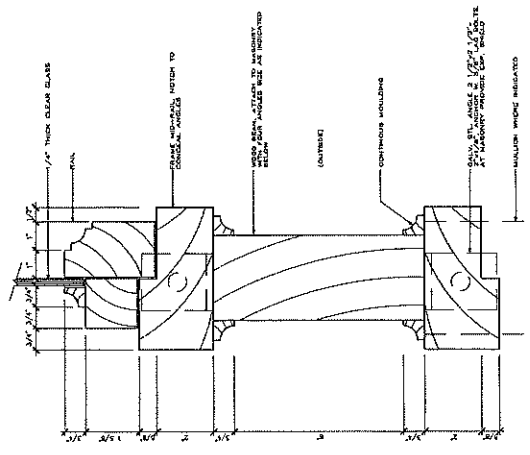
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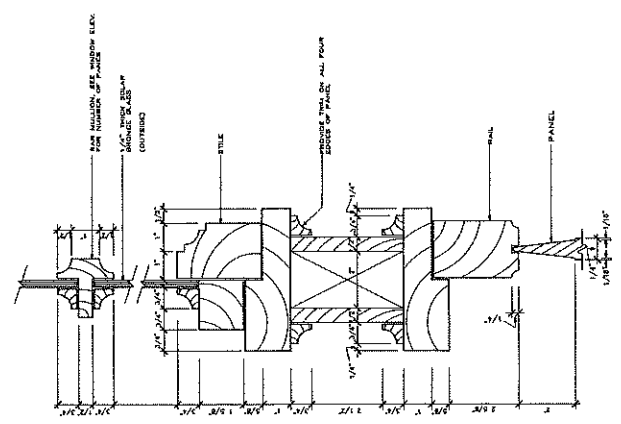
8689 SIDE LIGHT JAMB DETAIL
A-16



8685 FRENCH DOOR THRESHOLD DETAIL
A-16



8631 DOOR HEADER DETAIL
A-16



8682 SIDE LIGHT DETAIL
A-16

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10/92	PM	1

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Job: Bay Medical Research Center, Department of Mental Resources
Project: Bay Medical Research Center, Department of Mental Resources
Architect: Pedro A. Miranda & Associates
Engineer: Pedro A. Miranda & Associates
Contract: 10/92

DOOR DETAILS

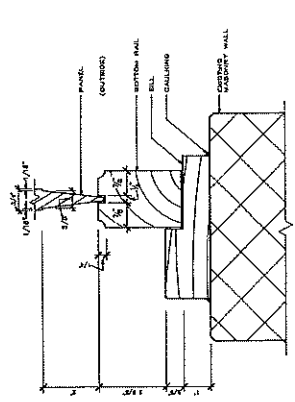
PEDRO A.
MIRANDA &
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ARCHITECTS, ENGINEERS, PLANNERS
1000 BAY STREET, SUITE 200
SAN FRANCISCO, CA 94133
(415) 774-1111

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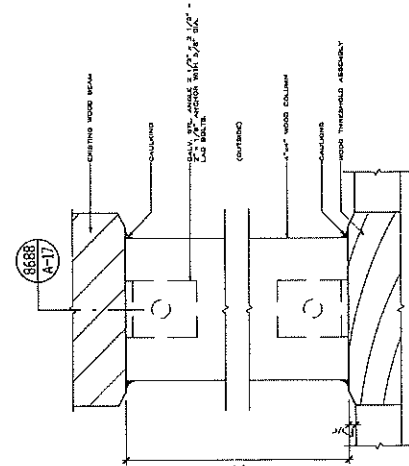
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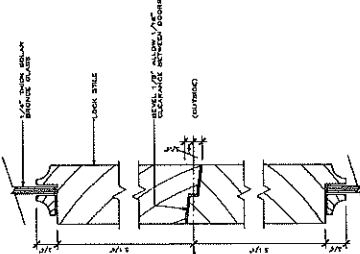
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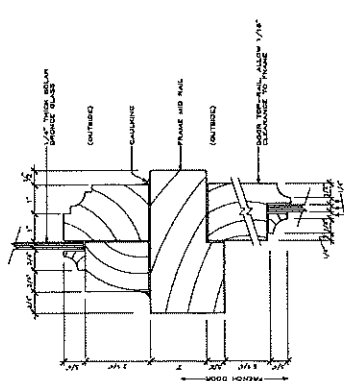
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SIDE LIGHT PANEL
JAMB DETAIL



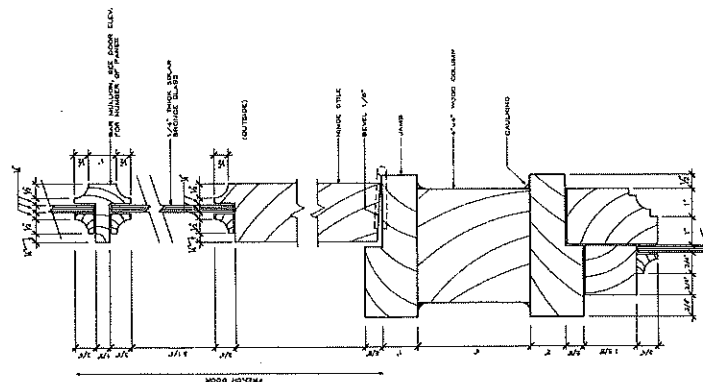
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FRENCH DOOR
FRAME DETAIL



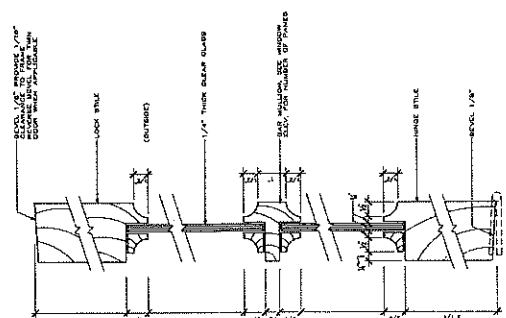
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FRENCH DOOR
STILE DETAIL



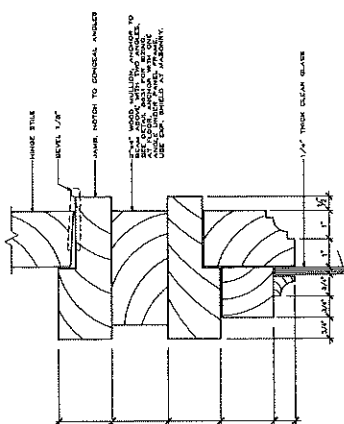
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MID-RAIL DETAIL



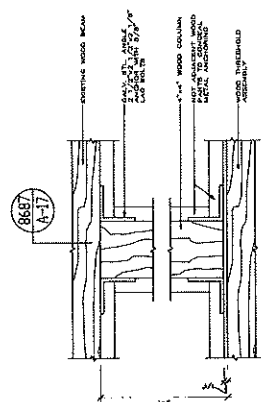
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FRENCH DOOR
JAMB DETAIL



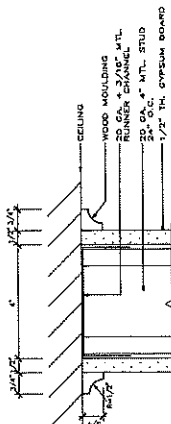
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DOOR HORIZONTAL
SECTION DETAIL



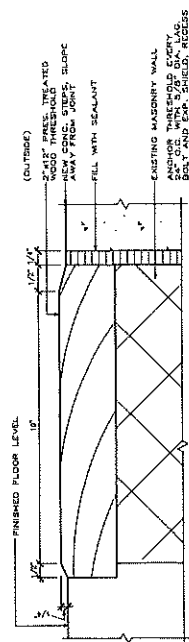
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JAMB DETAIL



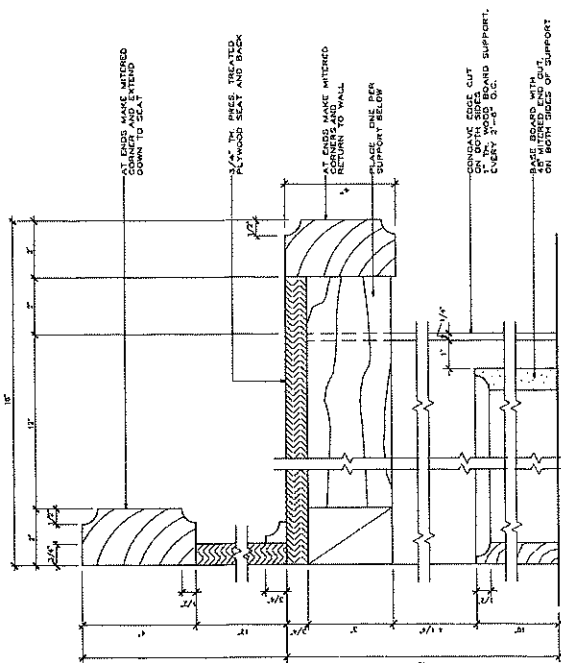
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FRENCH DOOR
FRAME DETAIL



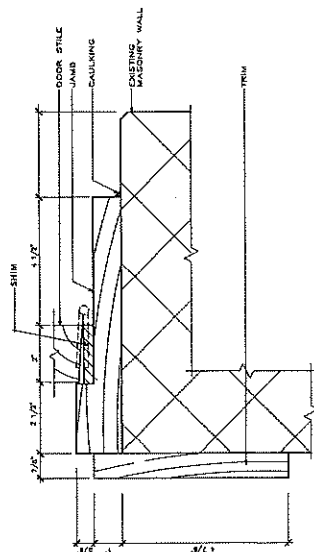
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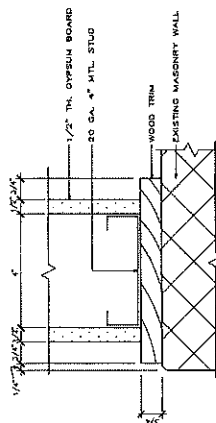
8635 THRESHOLD DETAIL
A-18



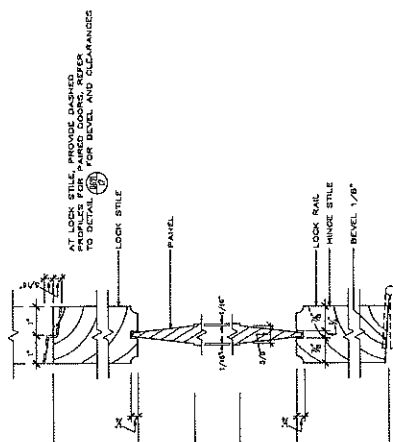
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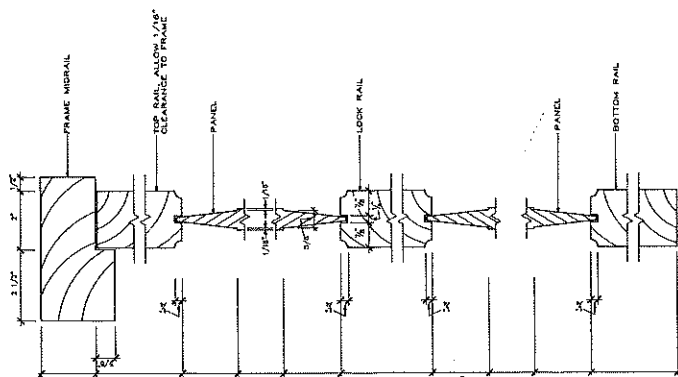
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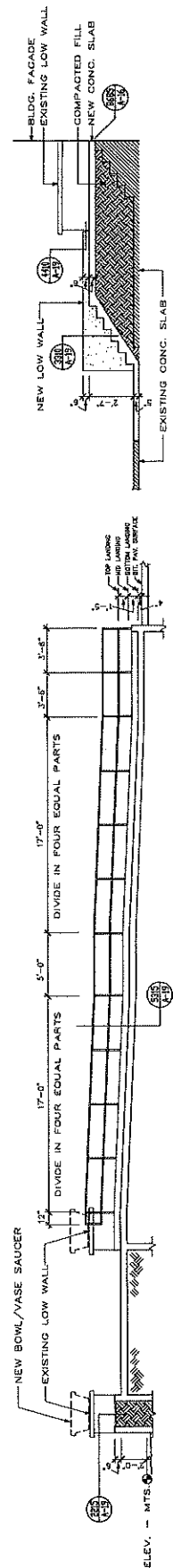
9532 PARTITION
END DETAIL



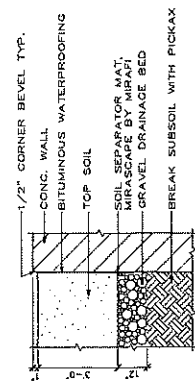
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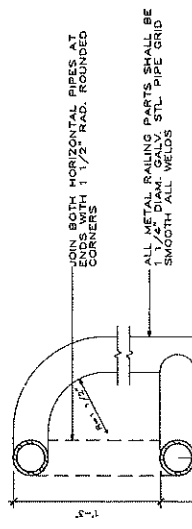
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VERTICAL SECTION



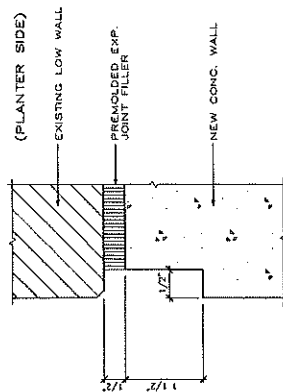
A-A SECTION
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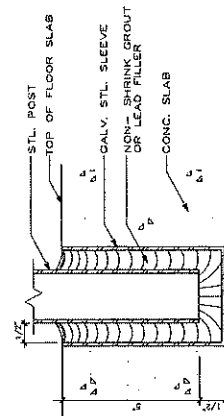
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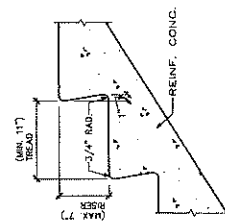
2 BLOW-UP
A-19 ENTRANCE



4410 JOINT DETAIL
A-19 NOT TO SCALE



4" 5320 METAL POST ANCHORING
A-19 NOT TO SCALE



3310 STAIR DETAIL
A-19 SCALE: 1 1/2" = 1'-0"



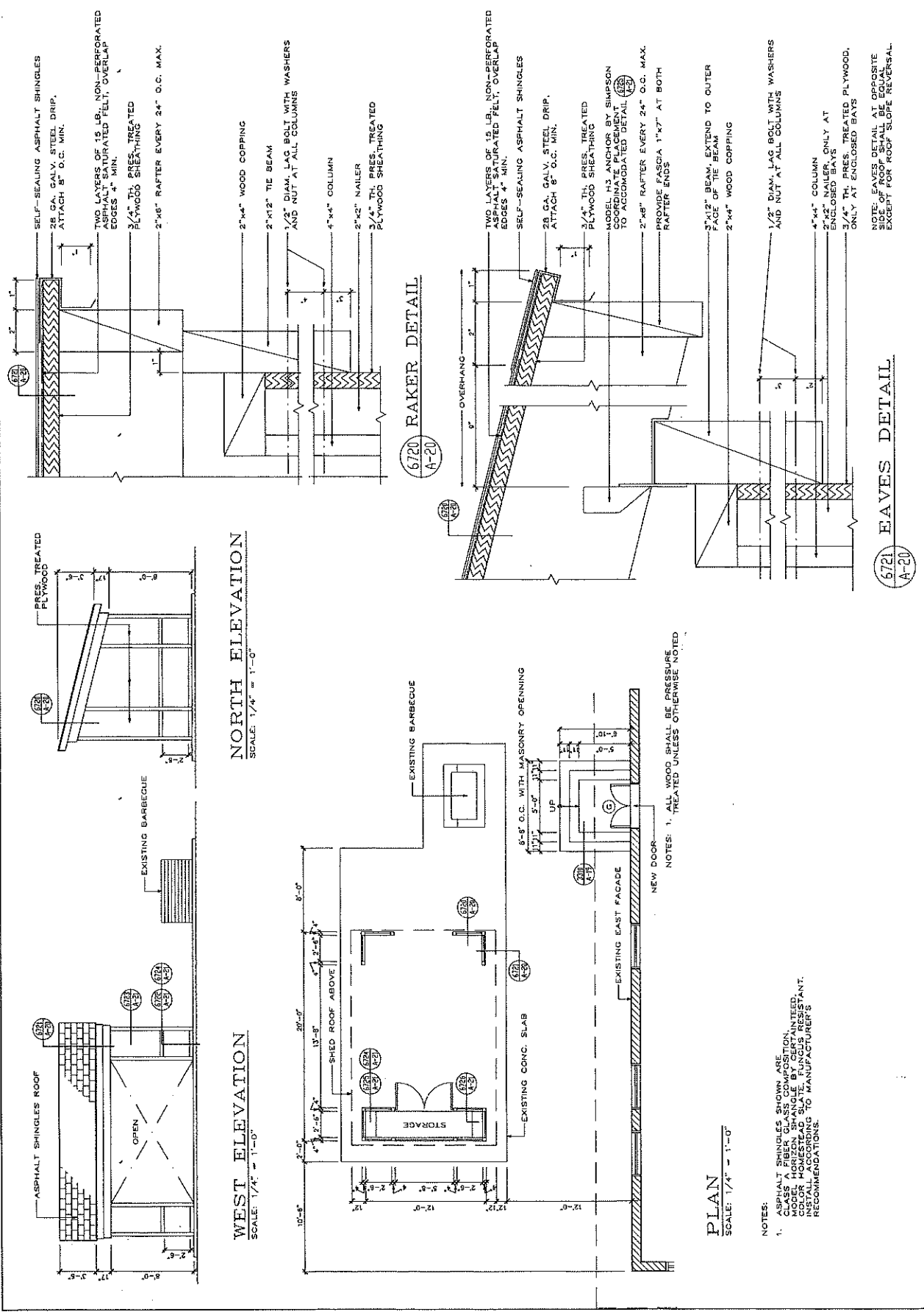
5315 RAILING DETAIL
A-19 SCALE= 1/2" = 1"

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Jobos Bay National Historical Research Reserve
Department of Natural Resources
OPEN SHED, BLOW-UP 3

PEDRO A.
MIRANDA &
ASSOCIATES
ARCHITECTS, ENGINEERS, PLANNERS
1000 AVENUE OF THE AMERICAS, SUITE 1000
SAN JUAN, P.R. 00901
TEL: (787) 764-1000
FAX: (787) 764-1001

Sheet number
A-20
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OPEN SHED DETAILS

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Project/Kiosk 300c
Jobos Bay National Estuarine Research Reserve
Department of Natural Resources

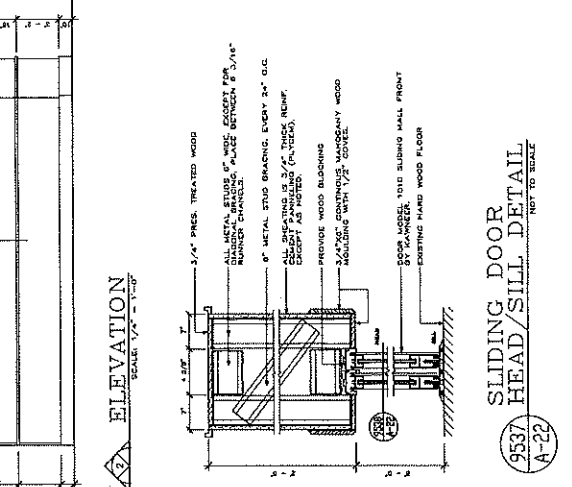
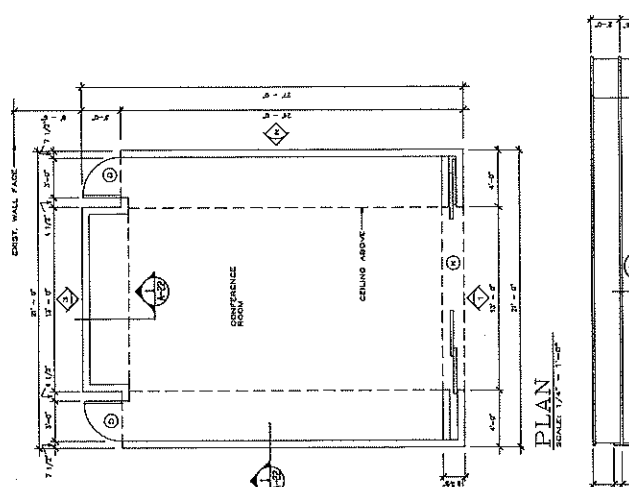
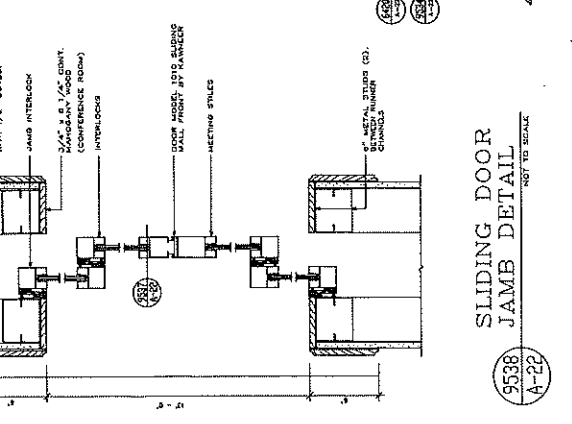
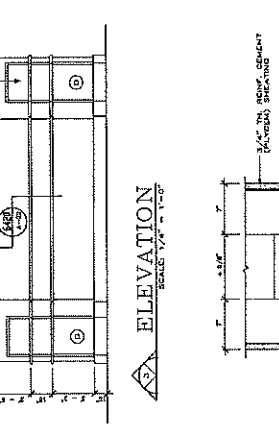
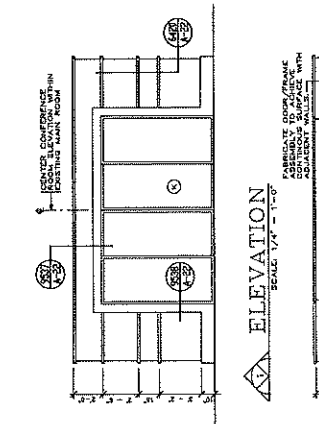
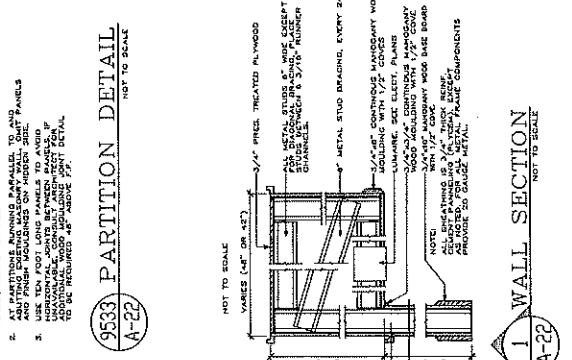
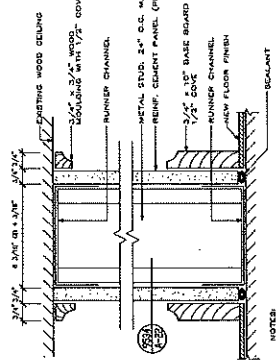
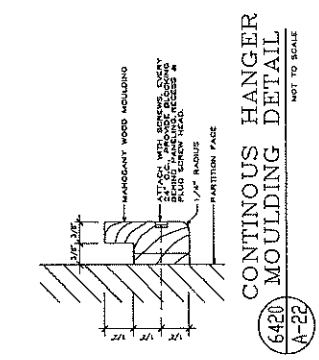
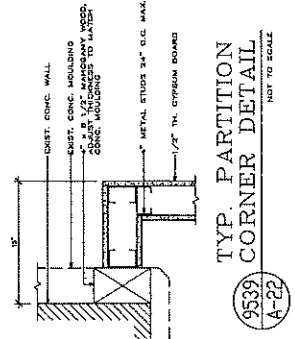
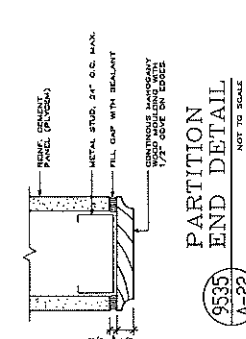
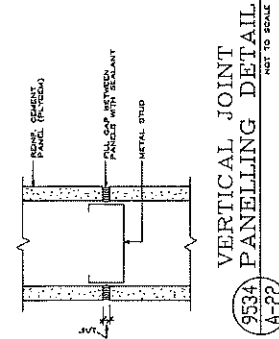
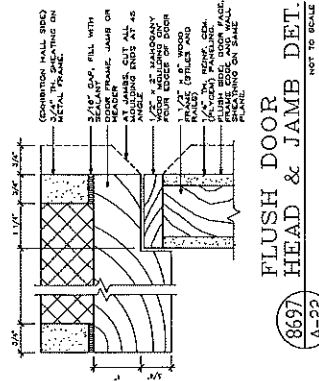
PEDRO A. MIRANDA & ASSOCIATES

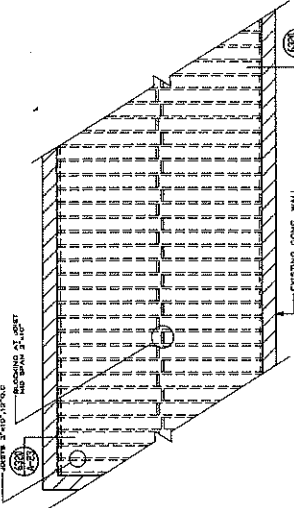
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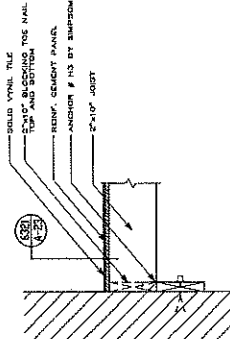




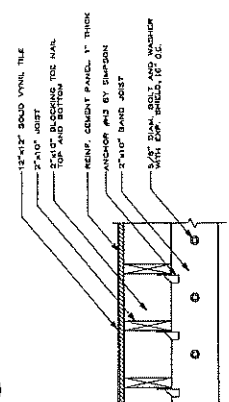


BATHROOM AND LABORATORY
FLOOR DECK PLAN

- NOTES
1. AT ALL PARTITIONS THAT RUN PARALLEL TO THE BLOW-UP, THE BLOW-UP SHALL BE INSTALLED TO THE BLOW-UP.
 2. SEE BLOW-UP AND CONSTRUCTION DETAILS FOR BLOW-UP AND INSTALLATION OF FLOOR CAVITY ACCESS & COVER.



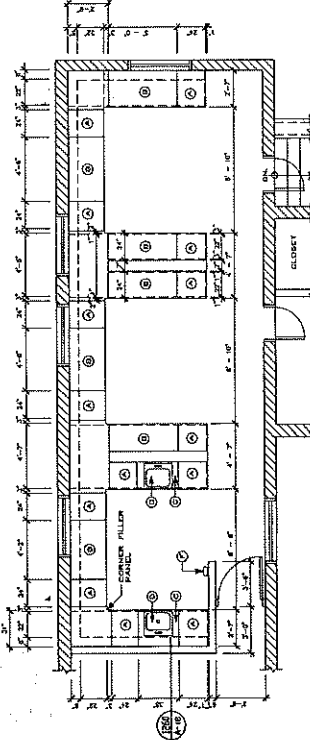
FLOOR DECKING
ASSEMBLY DETAIL



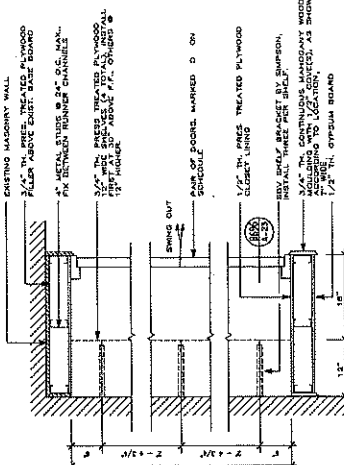
FLOOR DECKING
ASSEMBLY DETAIL

- NOTES
1. LABORATORY CABINETS ARE NOT INCLUDED IN THE BLOW-UP. A BLOW-UP SHALL BE INSTALLED TO THE BLOW-UP.
 2. LABORATORY CABINETS ARE NOT INCLUDED IN THE BLOW-UP. A BLOW-UP SHALL BE INSTALLED TO THE BLOW-UP.
 3. LABORATORY CABINETS ARE NOT INCLUDED IN THE BLOW-UP. A BLOW-UP SHALL BE INSTALLED TO THE BLOW-UP.

PARTIAL LABORATORY CABINET SCHEDULE	
NO.	DESCRIPTION
1	SEATING HEIGHT BASE CABINET
2	TABLE ARMOR (WITH DRAWER)
3	STANDING HEIGHT BASE CABINET
4	SINK CABINET
5	STANDING HEIGHT BASE CABINET
6	STANDING HEIGHT BASE CABINET
7	STANDING HEIGHT BASE CABINET
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100	STANDING HEIGHT BASE CABINET

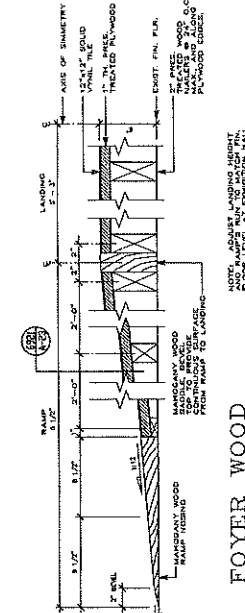


5 BLOW-UP
A-23 LABORATORY



CLOSET TOP DETAIL

6 BLOW-UP
A-23 CLOSET



FOYER WOOD
RAMP DETAIL

6920
A-23

WHEEL GUARD
MOULDING DETAIL

6921
A-23

DATE	REVISION
10/91	1

REHABILITATION FOR VISITORS & RESEARCH CENTER PLUMBING, PLAN ISOMETRICS AND FIXTURE SCHEDULE

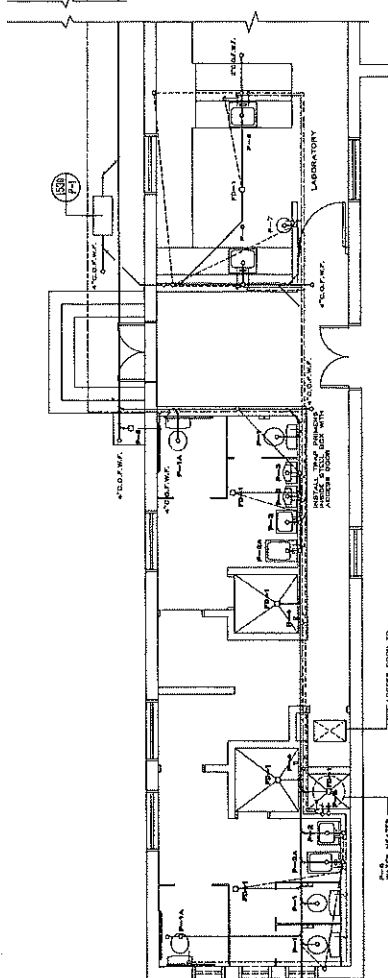
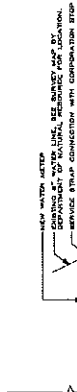
PEDRO A.
MIRANDA &
ASSOCIATES

Sheet Number

P-1

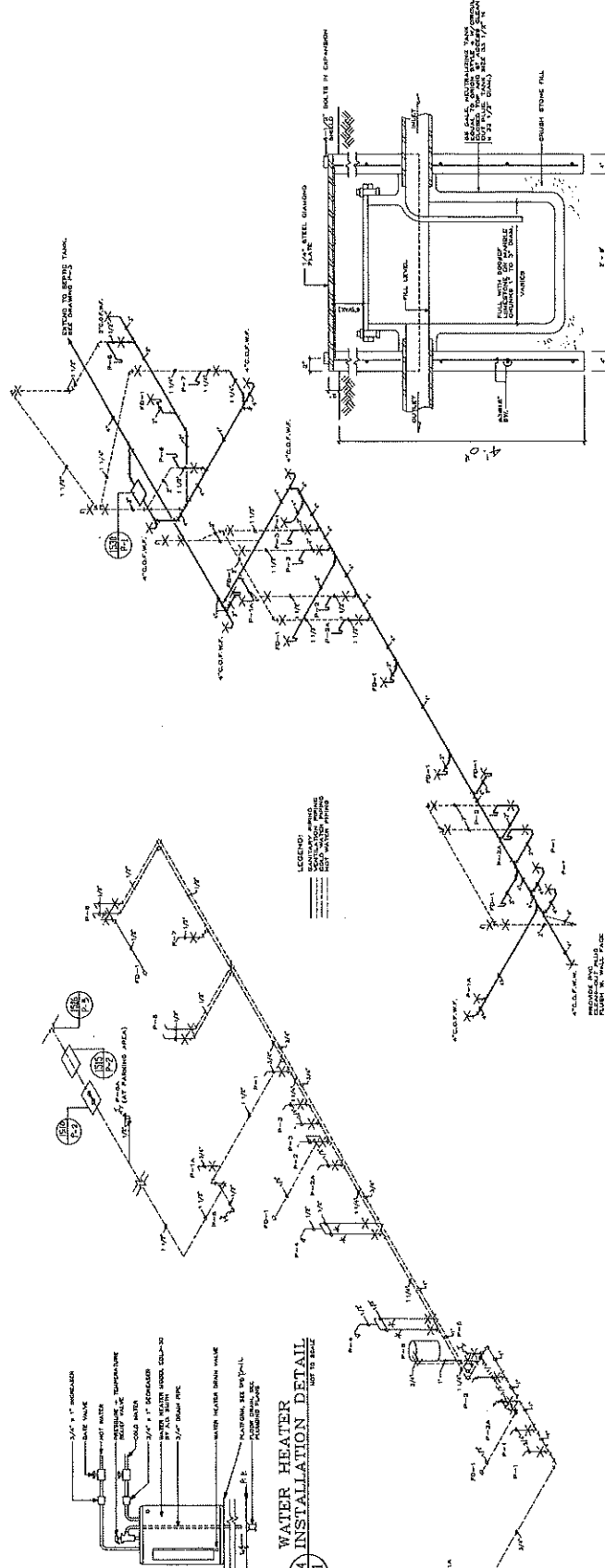
Sheet Number

28/33



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

SYMBOL	DESCRIPTION	COLD WATER	HOT WATER	TRAP	DIRECT WASTE	VENT	REMARKS (FOR ADDITIONAL INFORMATION)
P-1	WATER CLOSET (TANK)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-2	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-3	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-4	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-5	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-6	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-7	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-8	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-9	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-10	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-11	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-12	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-13	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-14	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-15	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-16	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-17	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-18	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-19	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-20	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-21	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-22	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-23	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-24	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-25	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-26	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-27	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-28	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-29	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-30	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-31	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-32	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-33	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
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P-45	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-46	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
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P-98	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-99	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	
P-100	WATER CLOSET (HANDICAPPED)	1/2"	1/2"	1/2"	1/2"	1/2"	



COLD AND HOT WATER
PIPING ISOMETRIC

SANITARY PIPING ISOMETRIC

NEUTRALIZATION
TANK DETAIL

WATER HEATER
INSTALLATION DETAIL

[illegible]

REHABILITATION FOR VISITORS & RESEARCH CENTER
 Jobs Bay National Institute Research Institute
 Department of Natural Resources

SEPTIC TANK SYSTEM AND
 PLUMBING DETAILS

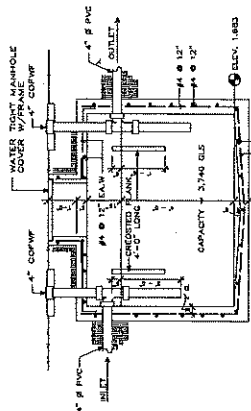
FERRO A.
FRANCA S.
ASSOCIATES

sequence number

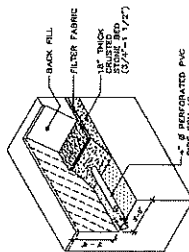
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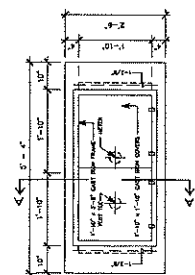
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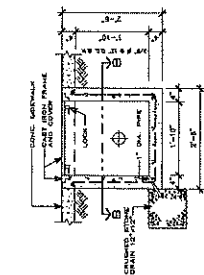
SECTION A-A



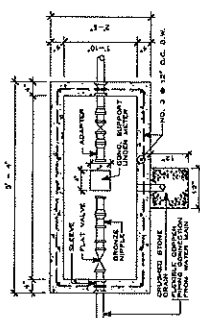
1528 TYP. TRENCH SYSTEM
D-2 NOT TO SCALE



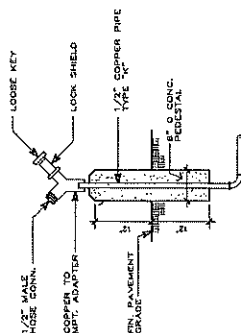
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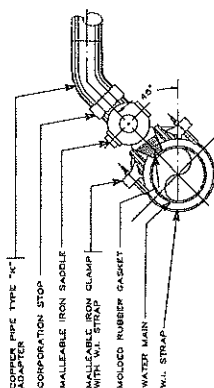
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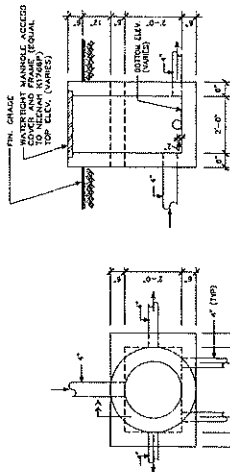
SECTION B-B



PEDESTAL MOUNTED
HOSE BIBB DETAIL

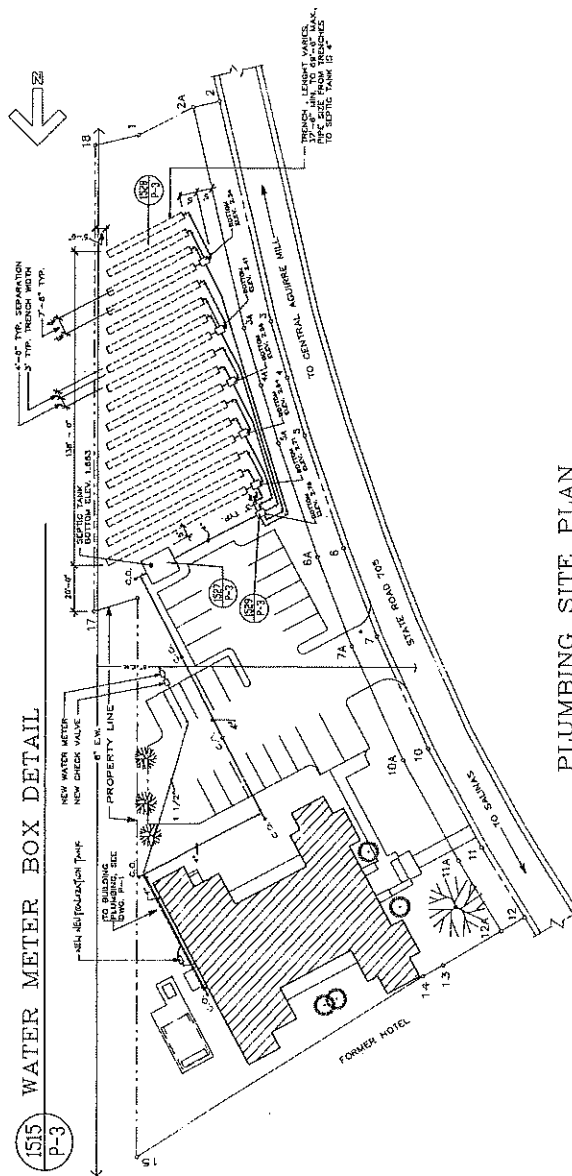


**SERVICE STRAP
CONNECTION DETAIL**

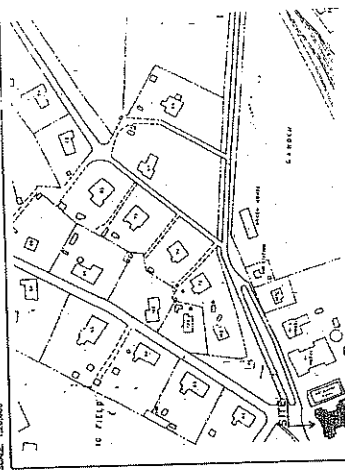
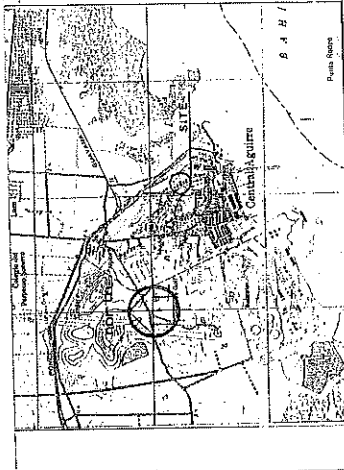


SECTION A

1529 DISTRIBUTION BOX
P-3 NOT TO SCALE



PLUMBING SITE PLAN
SCALE 1"=200'



SITUACION PLAN

DRAWN: GENTEZ DRAFTING SERVICES
JOSE L. ORTIZ & ASSOC.

SE ATRIBUYA ESTE PLANO MEDIANTE CERTIFICADO DEL
INGENIERO ELECTRICISTA DE C.U.T. CON CUMPLIMIENTO CON
LOS REQUISITOS DE LA LEY 1474 CON LAS DISPOSICIONES
DEL COMANDO EN JEFE FUERZAS ARMADAS NACIONALES, VIGENTE

JOSE L. ORTIZ NÚÑEZ-INGENIERO ELECTRICISTA-IFE. 5542

CERTIFICATION ENDORSEMENT
DESIGNER'S SIGNATURE
BICO, ELECTRIC POWER AUTHORITY

EXAMINED: _____
RECOMMENDED: _____
ENDORSE: _____
81-0-503

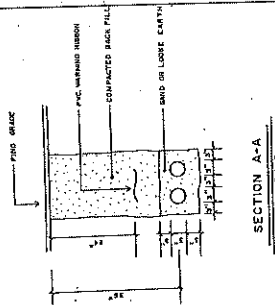
DATE: 2-2-73 APPLICATION: SF-6000
DESIGN KVA: 75 KVA
PRELIMINARY REPORT NO. _____
OBSERVATIONS: _____

[illegible]

3 - THE AMOUNT OF THESE PLANS BY PAEPA DOES NOT
AFFECT THE DANGER OF COLLAPSE WITH EACH AND ALL
OF THE RESOURCES CONSOLIDATED IN THE NATIONAL
ELECTRICAL UNIT AND PAEPA

3 - THE AMOUNT OF THESE PLANS IS SUBJECT TO THAT PAEPA
IS SUBJECT TO THE COURTESY OF ELECTRICAL RESOURCES
AT THE TIME OF SITUATION CONFINEMENT.

REV.	DATE	ENDORSED



SECTION A-A

SITE LEGEND:

- EXISTING DEGRADED WOOD PRIMARY POLE TO REPLACE.
EXISTING OVERHEAD PRIMARY LINE 4,167V - 3 PHASE - 4W TO REMAIN.
NEW CONCRETE UTILITY POLE 60TT. 34'.
0.15-C. 900 PCS. DISTRIBUTION TRANSFORMER 25KVA - 1 PHASE - 240V/208V - 3 PHASE - 4W/3W.
WITH 4 - 1/2" BELL PRIMARY RATED VOLTAGE.
NEW OVERHEAD PRIMARY LINE 2,400V, 2W 2/0 ACSE.

P.R.E.P.A. RICH OF MAY 10'X30' - 75' VIDE
UNDERGROUND SECONDARY FEEDER AS PER ELECTRICAL RISER DIAGRAM.

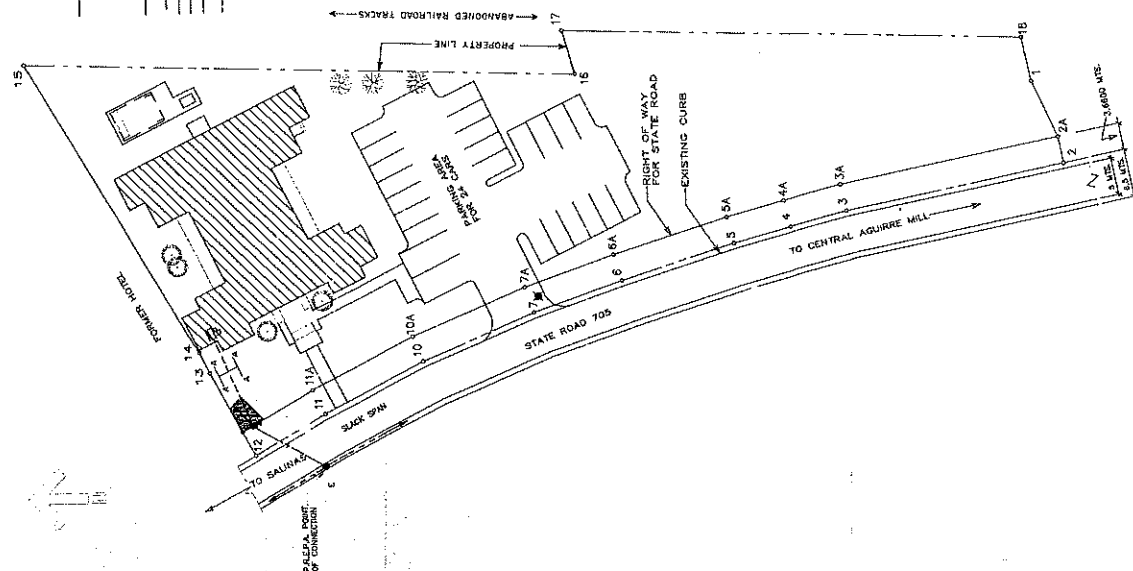
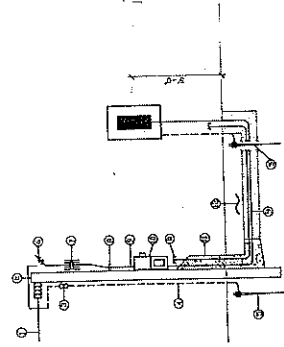
UNDERGROUND LIGHTING TIE-IN AS PER FURNISHING SCHEDULE.
PANELBOARD AS PER SCHEDULE.
SIZE LIGHTING AS PER LIGHTING FIXTURE SCHEDULE.
PNEUMATIC SECONDARY CROSSTIED WOOD POLE TO BE REMOVED

GENERAL NOTES

- [illegible]

FIGURE 1. Schematic Diagram Legend.

- [illegible]



ELECTRICAL SITE PLAN

৳ ১১৫. ১০. ৩০০

LOADING TABLE

NO.	TYPE	WATTAGE	NO.	WATTAGE	NO.	WATTAGE	NO.	WATTAGE
1	FLUOR.	40-100-150	2	40	40	40	40	40
3	FLUOR.	40-100-150	4	40	40	40	40	40
5	FLUOR.	40-100-150	6	40	40	40	40	40
7	FLUOR.	40-100-150	8	40	40	40	40	40
9	FLUOR.	40-100-150	10	40	40	40	40	40
11	FLUOR.	40-100-150	12	40	40	40	40	40
13	FLUOR.	40-100-150	14	40	40	40	40	40
15	FLUOR.	40-100-150	16	40	40	40	40	40
17	FLUOR.	40-100-150	18	40	40	40	40	40
19	FLUOR.	40-100-150	20	40	40	40	40	40
21	FLUOR.	40-100-150	22	40	40	40	40	40
23	FLUOR.	40-100-150	24	40	40	40	40	40
25	FLUOR.	40-100-150	26	40	40	40	40	40
27	FLUOR.	40-100-150	28	40	40	40	40	40
29	FLUOR.	40-100-150	30	40	40	40	40	40
31	FLUOR.	40-100-150	32	40	40	40	40	40
33	FLUOR.	40-100-150	34	40	40	40	40	40
35	FLUOR.	40-100-150	36	40	40	40	40	40
37	FLUOR.	40-100-150	38	40	40	40	40	40
39	FLUOR.	40-100-150	40	40	40	40	40	40
41	FLUOR.	40-100-150	42	40	40	40	40	40
43	FLUOR.	40-100-150	44	40	40	40	40	40
45	FLUOR.	40-100-150	46	40	40	40	40	40
47	FLUOR.	40-100-150	48	40	40	40	40	40
49	FLUOR.	40-100-150	50	40	40	40	40	40
51	FLUOR.	40-100-150	52	40	40	40	40	40
53	FLUOR.	40-100-150	54	40	40	40	40	40
55	FLUOR.	40-100-150	56	40	40	40	40	40
57	FLUOR.	40-100-150	58	40	40	40	40	40
59	FLUOR.	40-100-150	60	40	40	40	40	40
61	FLUOR.	40-100-150	62	40	40	40	40	40
63	FLUOR.	40-100-150	64	40	40	40	40	40
65	FLUOR.	40-100-150	66	40	40	40	40	40
67	FLUOR.	40-100-150	68	40	40	40	40	40
69	FLUOR.	40-100-150	70	40	40	40	40	40
71	FLUOR.	40-100-150	72	40	40	40	40	40
73	FLUOR.	40-100-150	74	40	40	40	40	40
75	FLUOR.	40-100-150	76	40	40	40	40	40
77	FLUOR.	40-100-150	78	40	40	40	40	40
79	FLUOR.	40-100-150	80	40	40	40	40	40
81	FLUOR.	40-100-150	82	40	40	40	40	40
83	FLUOR.	40-100-150	84	40	40	40	40	40
85	FLUOR.	40-100-150	86	40	40	40	40	40
87	FLUOR.	40-100-150	88	40	40	40	40	40
89	FLUOR.	40-100-150	90	40	40	40	40	40
91	FLUOR.	40-100-150	92	40	40	40	40	40
93	FLUOR.	40-100-150	94	40	40	40	40	40
95	FLUOR.	40-100-150	96	40	40	40	40	40
97	FLUOR.	40-100-150	98	40	40	40	40	40
99	FLUOR.	40-100-150	100	40	40	40	40	40

LOADING TABLE

NO.	TYPE	WATTAGE	NO.	WATTAGE	NO.	WATTAGE	NO.	WATTAGE
1	FLUOR.	40-100-150	2	40	40	40	40	40
3	FLUOR.	40-100-150	4	40	40	40	40	40
5	FLUOR.	40-100-150	6	40	40	40	40	40
7	FLUOR.	40-100-150	8	40	40	40	40	40
9	FLUOR.	40-100-150	10	40	40	40	40	40
11	FLUOR.	40-100-150	12	40	40	40	40	40
13	FLUOR.	40-100-150	14	40	40	40	40	40
15	FLUOR.	40-100-150	16	40	40	40	40	40
17	FLUOR.	40-100-150	18	40	40	40	40	40
19	FLUOR.	40-100-150	20	40	40	40	40	40
21	FLUOR.	40-100-150	22	40	40	40	40	40
23	FLUOR.	40-100-150	24	40	40	40	40	40
25	FLUOR.	40-100-150	26	40	40	40	40	40
27	FLUOR.	40-100-150	28	40	40	40	40	40
29	FLUOR.	40-100-150	30	40	40	40	40	40
31	FLUOR.	40-100-150	32	40	40	40	40	40
33	FLUOR.	40-100-150	34	40	40	40	40	40
35	FLUOR.	40-100-150	36	40	40	40	40	40
37	FLUOR.	40-100-150	38	40	40	40	40	40
39	FLUOR.	40-100-150	40	40	40	40	40	40
41	FLUOR.	40-100-150	42	40	40	40	40	40
43	FLUOR.	40-100-150	44	40	40	40	40	40
45	FLUOR.	40-100-150	46	40	40	40	40	40
47	FLUOR.	40-100-150	48	40	40	40	40	40
49	FLUOR.	40-100-150	50	40	40	40	40	40
51	FLUOR.	40-100-150	52	40	40	40	40	40
53	FLUOR.	40-100-150	54	40	40	40	40	40
55	FLUOR.	40-100-150	56	40	40	40	40	40
57	FLUOR.	40-100-150	58	40	40	40	40	40
59	FLUOR.	40-100-150	60	40	40	40	40	40
61	FLUOR.	40-100-150	62	40	40	40	40	40
63	FLUOR.	40-100-150	64	40	40	40	40	40
65	FLUOR.	40-100-150	66	40	40	40	40	40
67	FLUOR.	40-100-150	68	40	40	40	40	40
69	FLUOR.	40-100-150	70	40	40	40	40	40
71	FLUOR.	40-100-150	72	40	40	40	40	40
73	FLUOR.	40-100-150	74	40	40	40	40	40
75	FLUOR.	40-100-150	76	40	40	40	40	40
77	FLUOR.	40-100-150	78	40	40	40	40	40
79	FLUOR.	40-100-150	80	40	40	40	40	40
81	FLUOR.	40-100-150	82	40	40	40	40	40
83	FLUOR.	40-100-150	84	40	40	40	40	40
85	FLUOR.	40-100-150	86	40	40	40	40	40
87	FLUOR.	40-100-150	88	40	40	40	40	40
89	FLUOR.	40-100-150	90	40	40	40	40	40
91	FLUOR.	40-100-150	92	40	40	40	40	40
93	FLUOR.	40-100-150	94	40	40	40	40	40
95	FLUOR.	40-100-150	96	40	40	40	40	40
97	FLUOR.	40-100-150	98	40	40	40	40	40
99	FLUOR.	40-100-150	100	40	40	40	40	40

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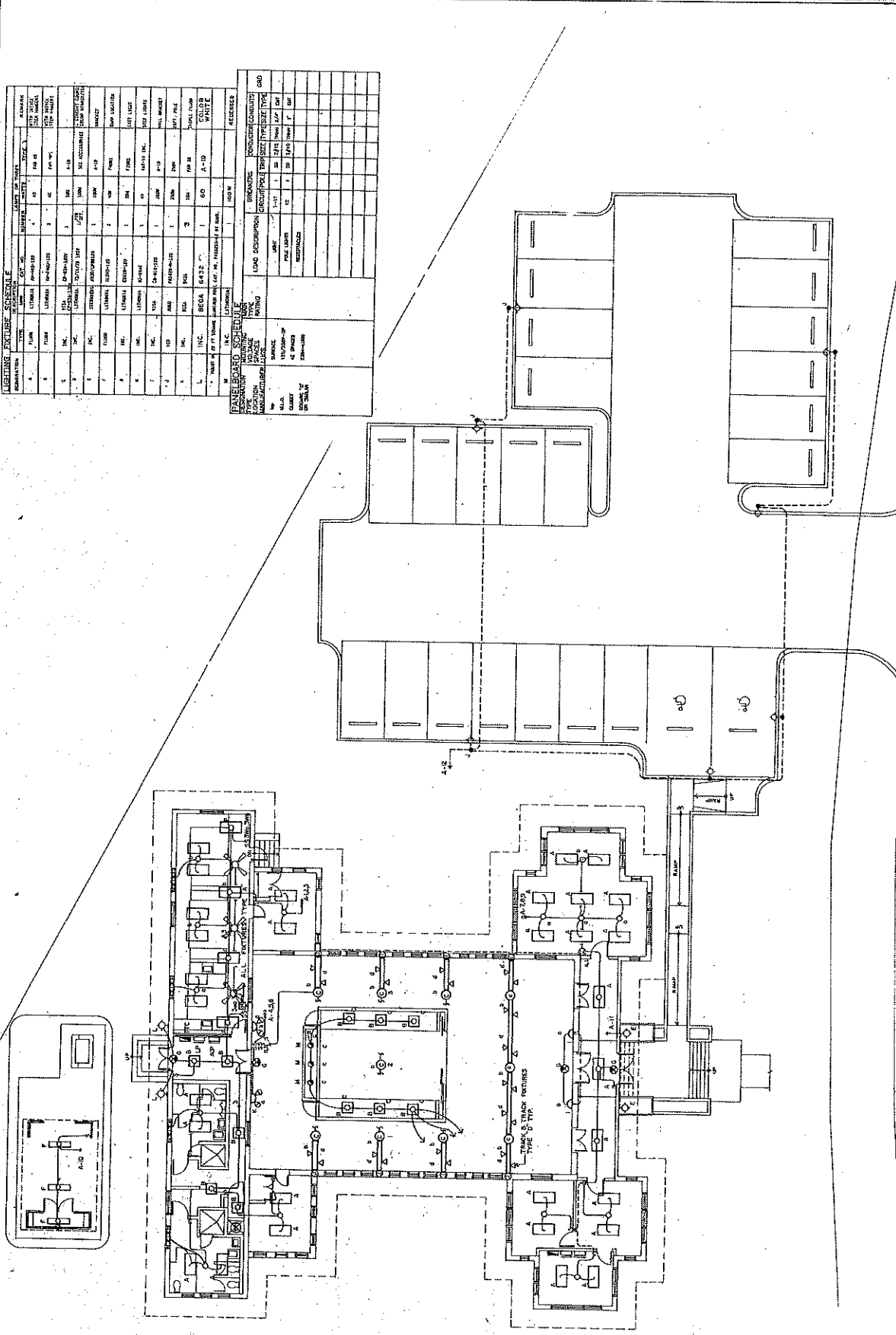
REHABILITATION FOR VISITORS & RESEARCH CENTER
JOSE L. GARCIA RESEARCH CENTER
DEPARTMENT OF HUMAN RESOURCES
ELECTRICAL LIGHTING PLAN
AND SCHEDULES

PEDRO A.
MIRANDA &
ASSOCIATES
ARCHITECTS, ENGINEERS, PLANNERS
1000 15th Street, N.W.
Washington, D.C. 20004
Tel: 202-462-1234
Fax: 202-462-1234

E-2
Sheet number
32/33

JOSE L. GARCIA & ASSOC.
ARCHITECTS, ENGINEERS, PLANNERS
1000 15th Street, N.W.
Washington, D.C. 20004
Tel: 202-462-1234
Fax: 202-462-1234

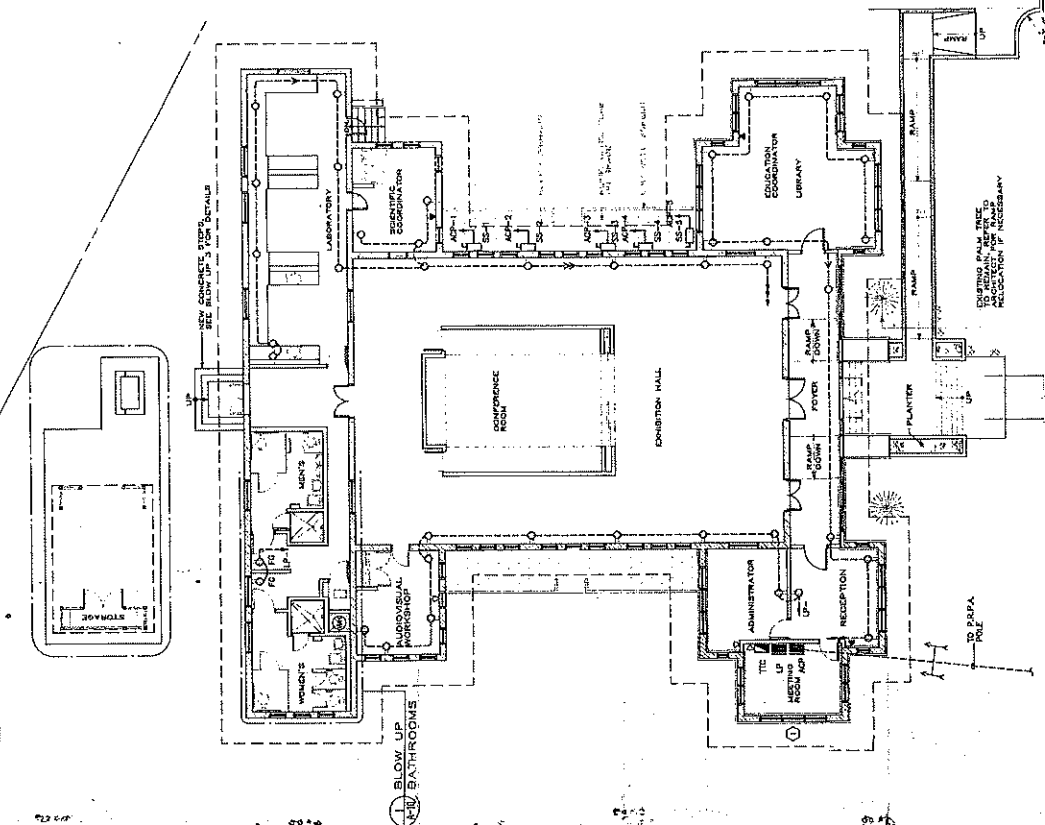
ELECTRICAL LIGHTING PLAN



[illegible]

compiles(r):

drawing number: E-3 sheet number: 33/33

[illegible][illegible]

ELECTRICAL POWER PLAN

JOSÉ L. ORTIZ & ASSOC.
ELECTRICAL ENGINEERS-CONSULTANTS
1005 POINTE DE LEON AVE.
SUITE 705, SAUNDERS S.J., P.R.
TEL. 721-2852, 2856
FAX. 725-4247



Foto 1: Centro de Visitantes y oficinas administrativas de JBNERR



Foto 2: Porción de techo dañado por los vientos huracanados de María en Septiembre 2017.