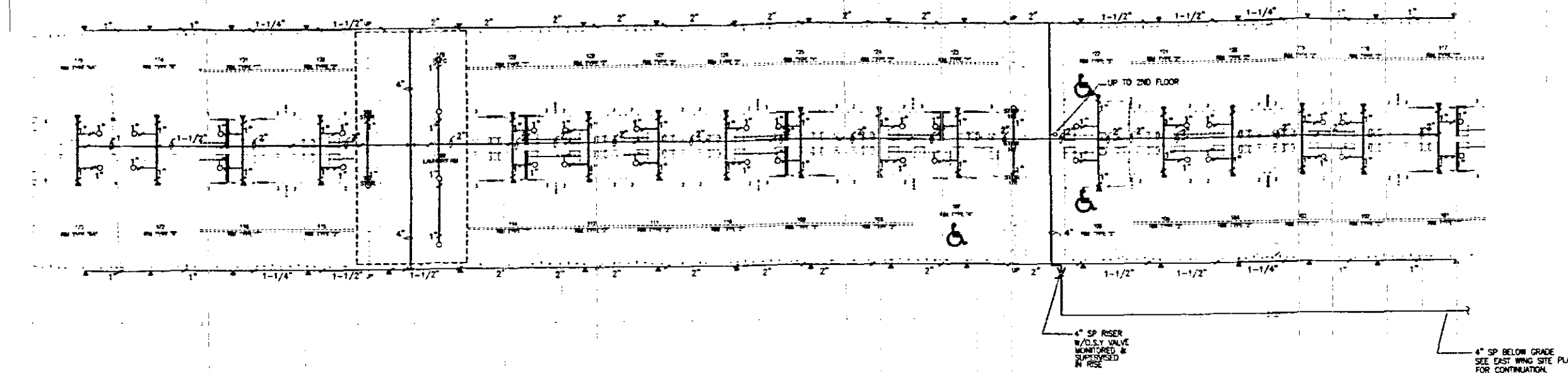




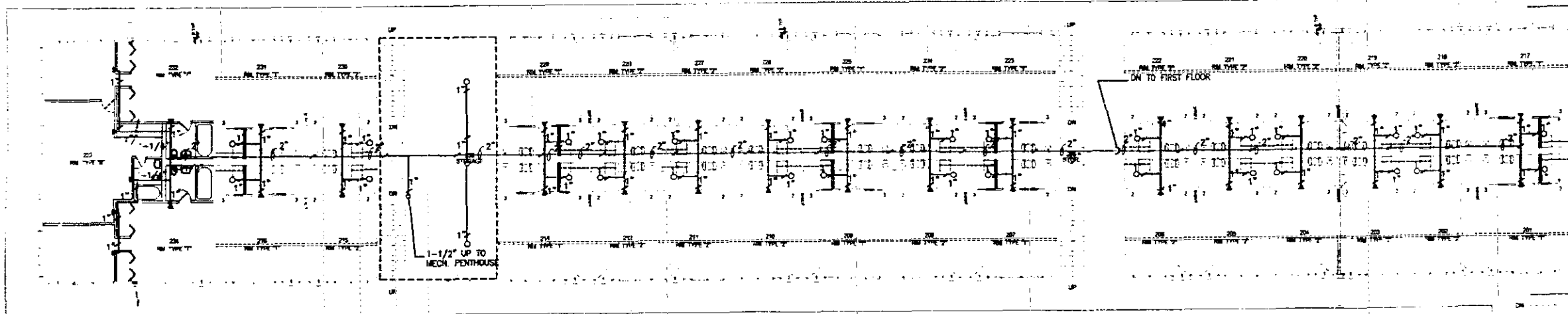
WEST WING - GROUND FLOOR - FIRE PROTECTION FLOOR PLAN

SCALE: 3/32"=1'-0"



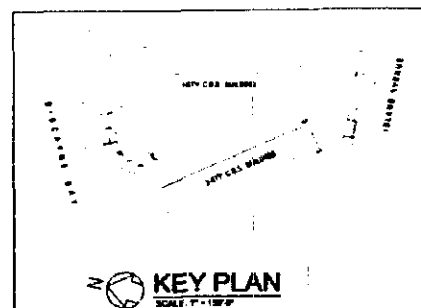
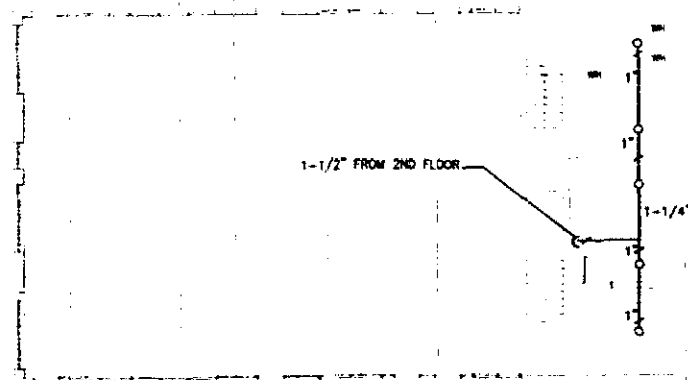
WEST WING - SECOND FLOOR - FIRE PROTECTION FLOOR PLAN

SCALE: 3/32"=1'-0"



3RD FLR. MECHANICAL ROOM

SCALE: 3/32"=1'-0"



KEY PLAN

SCALE: 1"=100'

PROJECT ARCHITECT

ALISON SPEAR, A.I.A.

180 NE 39th St., Suite 222, Miami, FL 33137
305-438-1200 fax 305-438-1221

SEAL

[Signature]
1/14/03

PROJECT TITLE

LIDO SPA HOTEL
WEST WING - RENOVATION
40 ISLAND AVENUE, MIAMI BEACH, FL 33139

DRAWING TITLE

WEST WING
FIRE PROTECTION
FLOOR PLAN

DRAWN BY **EZ**

CHECKED BY **RJM**

ISSUES

03-14-03 PERMIT SET

SHEET NO.

FP-1

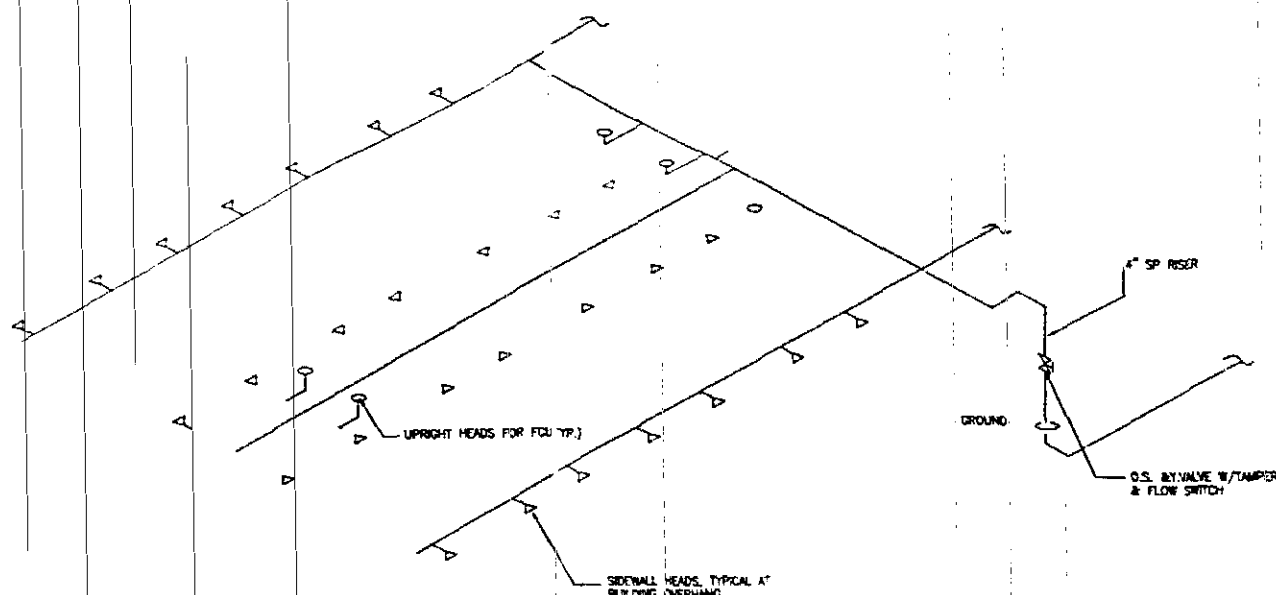
TRUE COPY
OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:

APPROVED BY: *[Signature]*
DATE: 8/12/03

PROJECT #: 0304-053

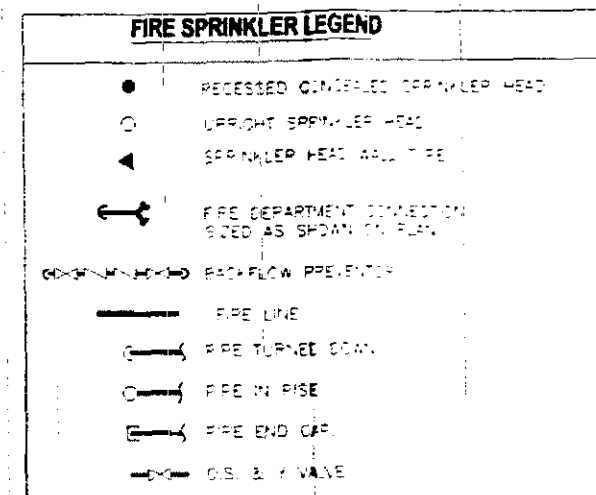
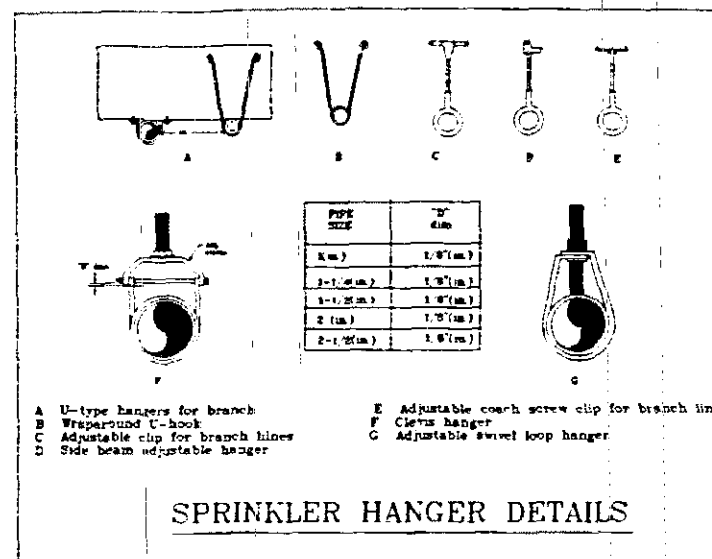
PREPARED BY:

UCI Engineering Inc
13780 S.W. 55th Street, Suite 215
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Ph: (305) 383-8989
Fax: (305) 383-8949
E-MAIL: uci@ucieng.com
R. J. MIRANDA PE NO. 35579
DAVID A. BELSKY PE NO. 37234
Professional Electrical Mechanical Engineers



FIRE PROTECTION ISOMETRIC DIAGRAM
NO SCALE

FIRE SPRINKLER SCHEDULE							
MANUFACTURER	STYLE	SIZE	GPM	PSI	K	MODEL #	COMMENTS
VIKING	CONCEALED	1/2"			4.1	B-3	RESIDENTIAL CONCEALED
VIKING	SIDEWALL	1/2"	21	14.7	5.5	M	RES. MTD 4" 6" BEL. CEIL.
VIKING	UPRIGHT	1/2"		7	5.5	MICROMATIC	EXPOSED/EQUIPMENT COVERAGE



- FIRE SPRINKLER NOTES**
- ALL FIRE PROTECTION SYSTEM SHALL BE IN COMPLIANCE WITH THE LOCAL FIRE CODES AND ORDINANCES AND AS PER N.F.P.A. REQUIREMENTS.
 - MAKE ALL OFFSETS REQUIRED AS PER JOB CONDITIONS.
 - CONTRACTOR SHALL COORDINATE WITH STRUCTURE AND OTHER TRADES BEFORE INSTALLING SPRINKLER SYSTEM.
 - PROVIDE APPROVED FLOW AND TAMPER SWITCHES AT CONTROL VALVE LOCATIONS.
 - CONTRACTOR SHALL PROVIDE AND TURN OVER TO THE OWNER AT LEAST (6) SPARE SPRINKLERS OF SAME TYPE AND TEMPERATURE RATINGS BEING INSTALLED.
 - SYSTEM IS DESIGNED FOR LIGHT AND ORDINARY HAZARD COVERAGE.
 - INSTALL PIPING TIGHT TO STRUCTURE WHEREVER POSSIBLE.
 - SPRINKLER SYSTEM SHALL BE INSTALLED BY A STATE CERTIFIED FIRE SPRINKLER CONTRACTOR.
 - CONTRACTOR SHALL PROVIDE FLUSHING CONNECTIONS AND DATA ON SHOP DRAWING SUBMITTALS.
 - ALL SPRINKLER HEADS SHALL BE CENTERED AND PRESENT A NEAT AND BALANCED CEILING PATTERN.
 - SPRINKLER PIPING SHALL BE SCHEDULE 40 BLACK STEEL A.S.T.M. A 53, FOR ORDINARY HAZARD AND CPVC SCH 40 FOR LIGHT HAZARD.
 - SPRINKLER HEADS SHALL BE A MAXIMUM OF 18" FROM ANY FLOOR OBSTRUCTION, SHELVES, OR CABINETS.
 - SPRINKLERS NEXT TO COLUMN SHALL BE 3 TIMES WIDTH OF COLUMN AWAY.
 - INSPECTOR'S TEST VALVE SHALL BE LOCATED 7'-0" A.F.F.
 - SHOP DRAWING PIPE SIZES TO BE HYDRAULICALLY CALCULATED, SIGNED AND SEALED BY A FLORIDA REGISTERED ENGINEER AND SUBMITTED BY CONTRACTOR TO AUTHORITIES FOR REVIEW PRIOR TO THE INSTALLATION OF THE SYSTEM.
 - CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTS.

PROJECT #: 0304-053

PREPARED BY:

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305-438-1200 fax 305-438-1221

PROJECT ARCHITECT

SEAL

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LIDO SPA HOTEL
WEST WING - RENOVATION
40 ISLAND AVENUE, MIAMI BEACH, FL 33139

PROJECT TITLE

WEST WING
FIRE PROTECTION
NOTES AND DETAILS

DRAWING TITLE

DRAWN BY: E2
CHECKED BY: R.J.M.
ISSUES

DATE: 07/11/03 PERMIT SET

SHEET NO.

FP-2



5715 NW 15th Street Miami Lakes, FL 33014 305.686-6770

**THE PREVIOUS
DOCUMENT IS IN
POOR
CONDITION**



UL **System**

FC 1050

1 Hour Fire Rated Through Penetration Firestop for Single Metallic Pipe through Wood Floor/Gypsum Ceiling Assemblies using TREMstop IA.

TREMCO
3735 Green Rd.
Beachwood, OH, 44122

Drawing not to scale

F-Rating = 1 Hr.
T-Rating = 1/4 Hr.

1 Pre-rated Floor/Ceiling Assembly
A) Flooring system - 5/8" thick plywood/2" by 4" continuous wood decking.
B) Wood Joist - Nom. 2" by 10" lumber joist.
C) Ceiling system - 1 layer of gypsum wallboard per U.L. design.

2 Metallic Pipe - > Steel Pipe - 4" diam. (or smaller) Sch. 40 (or heavier) steel pipe.
> Iron Pipe - 4" diam. (or smaller) cast or ductile iron pipe.
> Conduit - 4" diam. (or smaller) steel EMT or steel conduit.
> Copper Tubing - 4" diam. (or smaller) Type L (or heavier) copper tubing.
> Copper Pipe - 4" diam. (or smaller) Regular (or heavier) copper pipe.
Annular space from min. 0" to max. 7/8".

3A Packing Material (optional) - Foam backer rod packed into opening as a permanent form.
3B TREMstop IA - Min. 1/2" thickness of fill material applied within annulus, flush with top of floor and bottom of ceiling assemblies. Additional sealant to be applied such that a min. 1/2" crown is formed around the penetrating item.

Project: _____
Location: _____
Installer: _____
Signature: _____

The Tremco products used above have been tested in accordance with the following:
ASTM E814 (UL-1479) Standard Test Method for Through Penetration Firestopping

Date: 9/9/08 Drawing: TY-1050
Approved by: M. Starr

This above described assembly has been tested and is based on both past and anticipated performance criteria. Tremco shall not be liable for any damages, direct or consequential, resulting from use of this material or design. Tremco shall only be responsible for replacing material found to be defective.

UL **System**

FC 5055

1 Hour Fire Rated Through Penetration Firestop for Single Insulated Metallic Pipe through Wood Floor/Gypsum Ceiling Assemblies using TREMstop IA.

TREMCO
3735 Green Rd.
Beachwood, OH, 44122

Drawing not to scale

F-Rating = 1 Hr.
T-Rating = 3/4 & 1 Hr.

1 Pre-rated Floor/Ceiling Assembly
A) Flooring System - Lumber or plywood subfloor topped with finish floor.
B) Wood Joist - Nom. 10" deep (or deeper) lumber, steel, or combination joists or trusses.
C) Ceiling - 1 layer of 5/8" gypsum wallboard per U.L. design.

2 Metallic Pipe: A) Steel Pipe - 4" diam. (or smaller) Sch. 40 (or heavier) steel pipe.
B) Iron Pipe - 4" diam. (or smaller) cast or ductile iron pipe.
C) Copper Tubing - 4" diam. (or smaller) Type L (or heavier) copper tubing.
D) Copper Pipe - 4" diam. (or smaller) Regular (or heavier) copper pipe.
Max. diam. of opening = 5-1/4"

3 Pipe Covering - A) Nom. 1" thick glass fiber (min 3.5 pcf) insulation. Annular space between pipe covering and opening shall be min. 1/2" to max. 5/8". T-Rating = 3/4 Hr.
B) Nom. 3/4" thick AB/PVC insulation. Annular space between pipe covering and opening shall be 5/16". T-Rating = 1 Hr.

4 TREMstop IA - Min. 1/2" thickness of sealant applied within annulus, flush with top of floor and bottom of ceiling assembly.

Project: _____
Location: _____
Installer: _____
Signature: _____

The Tremco products used above have been tested in accordance with the following:
ASTM E814 (UL-1479) Standard Test Method for Through Penetration Firestopping

Date: 12/09/08 Drawing: TF-5055
Approved by: M. Starr

This above described assembly has been tested and is based on both past and anticipated performance criteria. Tremco shall not be liable for any damages, direct or consequential, resulting from use of this material or design. Tremco shall only be responsible for replacing material found to be defective.

UL **System**

FC 2145

1 Hour Fire Rated Through Penetration Firestop for Single Plastic Pipe through Wood Floor/Gypsum Ceiling Assemblies using TREMstop IA.

TREMCO
3735 Green Rd.
Beachwood, OH, 44122

Drawing not to scale

T-Rating = 1 Hr.
F-Rating = 1 Hr.

1 Pre-rated Floor/Ceiling Assembly
A) Flooring system - Lumber or plywood subfloor topped with finish floor.
B) Wood Joists - Nom. 10" deep (or deeper) lumber, steel, or combination joists or trusses.
C) Ceiling system - 1 layer of 5/8" gypsum wallboard per U.L. design.

2 Plastic Pipe - Pipe with sanitary tee and drain piping. Annular space from min. 0" to max. 1".
A) Nom. 1-1/2" diam. (or smaller) solid or cellular core PVC pipe for use in open and closed systems.
B) Nom. 1-1/2" diam. (or smaller) solid or cellular core ABS pipe for use in open and closed systems.

3 Chase Wall - Through penetrants shall be routed through a 1 hr. rated gypsum wallboard chase wall.
A) Studs - Nom. 2" x 6" or double 2" x 4" lumber studs.
B) Sole Plate - Nom. 2" x 6" or parallel 2" x 4" lumber plates, tightly banded.
C) Top Plate - Two nom. 2" x 6" or two sets of parallel 2" x 4" lumber plates, tightly banded.
D) Wallboard - U.L. rated gypsum wallboard.

4 TREMstop IA - A min. 1/2" thickness of sealant applied within annulus, flush with top surface of the floor. Min. 1/4" cant head applied at point contact and drain pipe penetration. Min. 1/4" material applied within annulus flush with bottom surface of top plate.

Project: _____
Location: _____
Installer: _____
Signature: _____

The Tremco products used above have been tested in accordance with the following:
ASTM E814 (UL-1479) Standard Test Method for Through Penetration Firestopping

Date: 12/08/08 Drawing: TF-2145
Approved by: M. Starr

This above described assembly has been tested and is based on both past and anticipated performance criteria. Tremco shall not be liable for any damages, direct or consequential, resulting from use of this material or design. Tremco shall only be responsible for replacing material found to be defective.

CITY OF MIAMI
APPROVED FOR THE FOLLOWING:

BUILDING: _____
ZONING: _____
DEVELOPER: _____
CONCRETE: _____
PLUMBING: _____
ELECTRICAL: _____
MECHANICAL: _____
FIRE PREVENTION: _____
ENGINEERING: _____
PUBLIC WORKS: _____
STRUCTURAL: _____
ACCESSIBILITY: _____
ELEVATOR: _____

As per Florida Building Code Section 104.5
REVIEWED FOR CODE COMPLIANCE
PROJECT #: 0304-053

ucengineering
From Vision to Reality

3735 Green Rd.
Beachwood, OH 44122
Tel: (440) 375-0000
Fax: (440) 375-0000
Email: info@ucengineering.com
RJL: 10/10/08
RJL: 10/10/08
RJL: 10/10/08
RJL: 10/10/08

ucengineering
From Vision to Reality

PROJECT ARCHITECT

ALISON SPEAR, A.I.A.
180 NE 38th St., SUITE 222, MIAMI, FL 33137
305-438-1200 fax 305-438-1221

SEAL

PROJECT TITLE

LIDO SPA HOTEL
WEST WING - RENOVATION
40 ISLAND AVENUE, MIAMI BEACH, FL 33139

DRAWING TITLE

WEST WING
FIRE STOPPING DETAILS

DRAWN BY: I.B.
CHECKED BY: R.J.M.
ISSUES

SHEET NO.

FS-1

DEPARTMENT OF ENVIRONMENTAL
 PLANNING AND MANAGEMENT
 WASTE MANAGEMENT
 SOLID WASTE DIVISION
 DATE 10/1/03 ALLOCATION NO. _____
 CANCELLED WITH ALLOCATION NO. _____
 REVIEWER NAME _____
 REVIEWER SIGNATURE Karl J. Bory
 REVIEWER TITLE _____
 REVIEWER PHONE _____
 REVIEWER FAX _____
 REVIEWER E-MAIL _____

DEPT. OF ENVIRONMENTAL PLANNING AND MANAGEMENT
 CONTACT NAME: MR. JEFF LELAND
 CONTACT PHONE: (305) 345-3649
 FOLIO: 22-3233-004-0058
 PROJECT NAME: LIDO SPR & HOTEL WEST UTM
 DATE RECEIVED: 10/01/2003
 REVIEWER NAME: KARL J. BORY

DEPT. OF ENVIRONMENTAL PLANNING AND MANAGEMENT OFFICE OF PLANNING SERVICES			
PLAN PROCESSING NO. <u>D</u>			
REVIEW TYPE	REVIEWER	DATE	DATE
ENVIRONMENTAL	KARL	10/1/03	KARL
FLOODPLAIN			
INDUSTRIAL P.D.			
ASBESTOS	KARL	10/1/03	
RECORDS			
STORAGE			
WASTE REG.			
PRETREATMENT			
WATER SUPPLY			
WATER TREAT.			
AIR			
REPRODUCTION			
AIRPORT			
UPLAND & ETC.			
OTHER			
REVIEWER SIGNATURE <u>Karl J. Bory</u>		DATE <u>10/1/03</u>	

B0304433
 40 ISLAND AV

DONALD W. SHACKELFORD P.E. Structural Engineers & Planners PC-24083

7810 SW 46th St
Miami, FL 33143
Tel: (305) 271-8846 Fax: (305) 273-1210

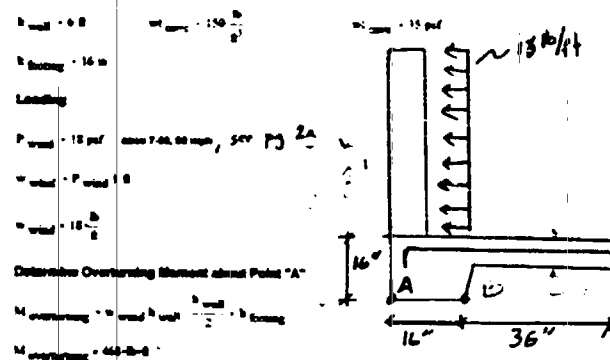
JULY 28, 2003
Lido Spa
Miami Beach

MISC. HARDSCAPE CALCULATIONS

DESIGN OF FOUNDATION FOR 8 FT. CBS WALL

Determine Overturning Adequacy with 1.5 S.F.

Given



Determine Resulting Moments
 $M_{\text{overturning}} = 1.5 \times 15 \times 8 \times 4 = 720 \text{ ft-lb}$
 $M_{\text{resisting}} = 1.5 \times 15 \times 8 \times 4 = 720 \text{ ft-lb}$
 $M_{\text{net}} = 720 - 720 = 0$

Check Overturning Adequacy with 1.5 S.F.
 $M_{\text{overturning}} = 720 \text{ ft-lb}$
 $M_{\text{resisting}} = 720 \text{ ft-lb}$
 $M_{\text{net}} = 0$

DONALD W. SHACKELFORD, P.E.
 7810 SW 46th St, Miami, FL 33143
 Tel: (305) 271-8846 Fax: (305) 273-1210

CUSTOMER: LIDO SPA
 208 N. WINDY HARBOR BLVD
 MIAMI BEACH, FL 33149

DESCRIPTION: 8 FT. CBS WALL OVERTURNING
 DATE: 7/28/03

*** DESIGN WIND LOADS - ASCE 7-98 ***
 *** JOINT STRUCTURE ***
 WIND VELOCITY = 95 MPH
 EXPOSURE CATEGORY = C
 BUILDING CATEGORY = 1
 IMPORTANCE FACTOR = 1.0
 WIND PRESSURE = 1.0
 WIND DIRECTION = 0.0

MEAN ROOF HEIGHT = 8.0 FT
 DISTANCE, Z = 8.0 FT
 WIND HEIGHT = 8.0 FT
 WIND WIDTH = 8.0 FT

GROUND LEVEL WIND WIND DIRECTION
 $W = 1.0$
 $W = 1.0$
 $W = 1.0$

NOTE: The force, P , is the force, P , uniformly distributed over the surface area of the structure. The exact distribution of the force through the center of pressure should be checked. Refer to ASCE 7-98 Table 6-2.

DESIGN OF 26" DIAMETER TRELLIS

CHECK ADEQUACY OF 2" X 8" YELLOW BALAU RAFTERS @ 24" O.C.

$F_{t,allow} = 48.7 \text{ ksi}$ See pg 7h

$P_{dead} = 7.4 \text{ kips}$ (100% to 50% portion)

$P_{live} = 34.3 \text{ kips}$

Loading
assumed to be uniform

$W_{up,dead} = P_{dead} / 2 = 3.7 \text{ kips}$

$W_{up,live} = 48.5 \text{ kips}$

CHECK BENDING
and shear adequacy. See pg 7c

$M = 3930 \text{ ft-lb}$ $F_b = 2147.2 \text{ ksi}$

$S_x = 2.131 \text{ in}^3$

$S_y = 21.31 \text{ in}^3$

$F_b = \frac{M}{S_x}$

$F_b = 2218.8 \text{ ksi} < F_b = 2147.2 \text{ ksi}$ OK

CHECK SHEAR
and shear adequacy. See pg 7d

$V = 1944.5 \text{ lb}$ $b = 2 \text{ in}$ $d = 8 \text{ in}$ $F_v = 541.8 \text{ ksi}$ use standard space

$F_v = \frac{3V}{2bd}$

$F_v = 182.8 \text{ ksi} < F_v = 541.8 \text{ ksi}$ OK

*Done
7/30/03*

CHECK END CONNECTIONS

$F_{t,allow} = 48.7 \text{ ksi}$

$F_{t,allow} = 1094.3 \text{ lb}$

By 24 gage wood screws per end

duration factor $C_D = 1.33$

$F_{t,allow} = C_D C_{eg} F_t$

$F_{t,allow} = 416.1 \text{ lb}$

$1.2 \text{ gages} = 1248.4 \text{ lb}$ OK

2" X 8" YELLOW BALAU RAFTERS @ 24" O.C. ARE ADEQUATE

CHECK ADEQUACY OF 2" X 8" YELLOW BALAU BEAMS

CHECK BENDING
and shear adequacy. See pg 7g

$M = 9757.26 \text{ ft-lb}$ $F_b = 2147.2 \text{ ksi}$

$S_x = 2.131 \text{ in}^3$

$S_y = 46.67 \text{ in}^3$

$F_b = \frac{M}{S_x}$

$F_b = 1755.9 \text{ ksi} < F_b = 2147.2 \text{ ksi}$ OK

CHECK SHEAR
and shear adequacy. See pg 7f

$V = 6814 \text{ lb}$ $b = 16 \text{ in}$ $d = 10 \text{ in}$ $F_v = 541.8 \text{ ksi}$

$F_v = \frac{3V}{2bd}$

$F_v = 128.4 \text{ ksi} < F_v = 541.8 \text{ ksi}$ OK

*Done
7/30/03*

CHECK END CONNECTIONS

$F_{t,allow} = 48.7 \text{ ksi}$

$F_{t,allow} = 6811 \text{ lb}$

By 18 1" bolts

duration factor $C_D = 1.33$

$F_{t,allow} = C_D F_t$

$F_{t,allow} = 2774.3 \text{ lb}$

$1.2 \text{ gages} = 4622.4 \text{ lb}$ OK

USE 18 1" DIAMETER BOLTS

DESIGN OF FOUNDATION FOR TRELLIS

$1 \text{ ft} \times 8 \text{ ft} \times 8 \text{ ft}$ refer to shear analysis report

$1.2 \text{ ft} \times 8 \text{ ft} \times 8 \text{ ft}$ slightly oversized with 1.8 ft

By 80" x 80" x 30" Pad Footing

WT footing = 111 cfm, 60 to 60 to 30 in

WT footing = 11220 lb $> 1.5(1944.5 + 9163.5 \text{ lb})$ OK

check footing adequacy

estimated weight of footing = 8,880 lb

WT footing = 111 cfm

footing = 11220 lb

footing = 11220 lb

footing = 11220 lb

SELECT 80" X 80" X 30" PAD FOOTING FOR 26" TRELLIS

*Done
7/30/03*

70

7/30/03

76

7/30/03

Member Internal Force (26' Trellis, 2" x 6" Rafters)

UNITED STATES OF AMERICA									
Lead Case		Offense	Pr 25	Pr 30	Pr 35	Pr 40	Pr 45	Pr 50	Pr 55
			25	30	35	40	45	50	55
N	11-10-11								
		2.445							
		4.574							
		2.395							
		4.760							
		2.200							
		4.224							
		2.182							
		4.518							
		2.500							
		4.511							
		2.374							
		4.628							
		2.182							
		4.518							
		2.500							
		4.511							
		2.374							
		4.628							
		2.182							
		4.518							
		2.500							
		4.511							
		2.374							
		4.628							
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		2.182							
		4.518							
		2.500							
		4.511							
		2.374							
		4.628							
		2.182							

7c

7/30/03

1044

[illegible]

DONALD W. SHACKLEFORD, P.E.
 7971 SUNSET DR. MIAMI, FL. 33143 305 471-6441
 Copyright 1993 by Donnell Engineering, P.A. Tampa, Florida

CUSTOMER : LICO SPA
 JOB NUMBER : MARICAGE PLAN
 DESCRIPTION : 26" DIAMETER THERMIS

DATE : 7/1/2003

***** DESIGN WIND LOADS - ASCE 7-98 *****
***** COMPONENTS AND CLADDING *****

WIND VELOCITY = 146 MPH
 EXPOSURE CATEGORY = 2
 BUILDING CATEGORY = 2
 IMPORTANCE FACTOR = 1.0
 K_z = 1.0
 K_{zt} = 1.0

ROOF SLOPE = 1:12 = 4.76 DEG
 TRIBUTARY AREA = 10.0 FT²
 MEAN ROOF HEIGHT = 10.0 FT
 DISTANCE, Z = 10.0 FT

PH = 1.849
 PF = 1.449
 QT = 46.3 PSF
 QZ = 44.9 PSF

MONOSLOPE ROOF WIND LOADS

	1	2	3
WIND DIR.	11.25	11.25	33.75
WIND DIR.	-11.25	-11.25	-11.25
PRESSURE, psf	18.9	18.9	18.9
VERT. COMP.	18.9	18.9	18.9
HORIZ. COMP.	0.0	0.0	0.0
SUCTION, psf	-51.3	-51.3	-51.3
VERT. COMP.	-51.3	-51.3	-51.3
HORIZ. COMP.	0.0	0.0	0.0

P = 44.9 PSF
 Q_{NET} = 0.14

BUILDING WITH
 ROOFER DISTANCE, 4 = 10.0 FT

7/30/03

CHECK ADEQUACY OF 80" X 8" PERIMETER STEEL PLATE

BENDING

$M_u = 113.12 \text{ K-FT}$ (See attached analysis results)

$M_u = 144.4 \text{ K}$

$\phi M_n = 144.4 \text{ K}$

$M_u < \phi M_n$ OK

WELDS

$V_u = 13.14 \text{ KIPS}$ (See attached analysis results)

$V_u = 42.4 \text{ K}$

$\phi V_n = 42.4 \text{ K}$

$V_u < \phi V_n$ OK

54" X 8" STEEL PLATE IS ADEQUATE

5

7/16/03

DESIGN OF 8" WIDE TRELLIS

CHECK ADEQUACY OF 2" X 8" YELLOW PINE BEAMS

$P_{\text{applied}} = 46.5 \text{ ksf}$
 $P_{\text{allow}} = P_{\text{allow}} = 0.28$ (allowable to 80% permiss)

$P_{\text{allow}} = 34.3 \text{ ksf}$

LOADING
 $W_{\text{applied}} = 2.5 \text{ ksf}$
 $W_{\text{allow}} = 46.5 \text{ ksf}$

CHECK BENDING
 and check adequate results

$S_{\text{applied}} = 2.5 \text{ ksf}$
 $M = 548 \text{ ft-k}$
 $S_x = 2.5 \text{ in}^3$
 $S_y = 21.31 \text{ in}^3$
 $F_b = \frac{M}{S_x}$
 $F_b = 363.3 \text{ ksi} < F_b = 3147.2 \text{ ksi}$ OK

CHECK SHEAR
 $V_{\text{applied}} = 2.5 \text{ ksf}$
 $V = 274 \text{ k}$
 $F_v = \frac{V}{S_y}$
 $F_v = 25.7 \text{ ksi} < F_v = 341.8 \text{ ksi}$ OK

OK 7/30/03

CHECK END CONNECTIONS

$Z = 46.7 \text{ in}^3$
 $Z_{\text{applied}} = 274 \text{ k}$
 $Z_{\text{allow}} = 274 \text{ k}$ OK

DESIGN OF FOUNDATION FOR 8" WIDE TRELLIS

$L_{\text{applied}} = P_{\text{applied}} (8.0 \text{ ft})$
 $L_{\text{applied}} = 196 \text{ k}$
 $L_{\text{allow}} = 196 \text{ k}$
 $L_{\text{applied}} = 196 \text{ k}$ OK

SELECT 36" X 36" X 36" PAD FOOTINGS FOR 8" TRELLIS

OK 7/30/03

Table 8.28 Bolt Design Values (Z) for Single Shear (two member) Connections

for steel members with 1/4" ASTM A36 steel side plate

Bolt Size	Steel Members		Aluminum Members	
	Steel	Aluminum	Steel	Aluminum
1/4"	1.5	1.5	1.5	1.5
3/8"	2.5	2.5	2.5	2.5
1/2"	4.0	4.0	4.0	4.0
5/8"	6.0	6.0	6.0	6.0
3/4"	8.0	8.0	8.0	8.0
7/8"	10.0	10.0	10.0	10.0
1"	12.0	12.0	12.0	12.0
1 1/8"	14.0	14.0	14.0	14.0
1 1/4"	16.0	16.0	16.0	16.0
1 3/8"	18.0	18.0	18.0	18.0
1 1/2"	20.0	20.0	20.0	20.0
1 5/8"	22.0	22.0	22.0	22.0
1 3/4"	24.0	24.0	24.0	24.0
1 7/8"	26.0	26.0	26.0	26.0
2"	28.0	28.0	28.0	28.0
2 1/8"	30.0	30.0	30.0	30.0
2 1/4"	32.0	32.0	32.0	32.0
2 3/8"	34.0	34.0	34.0	34.0
2 1/2"	36.0	36.0	36.0	36.0
2 5/8"	38.0	38.0	38.0	38.0
2 3/4"	40.0	40.0	40.0	40.0
2 7/8"	42.0	42.0	42.0	42.0
3"	44.0	44.0	44.0	44.0
3 1/8"	46.0	46.0	46.0	46.0
3 1/4"	48.0	48.0	48.0	48.0
3 3/8"	50.0	50.0	50.0	50.0
3 1/2"	52.0	52.0	52.0	52.0
3 5/8"	54.0	54.0	54.0	54.0
3 3/4"	56.0	56.0	56.0	56.0
3 7/8"	58.0	58.0	58.0	58.0
4"	60.0	60.0	60.0	60.0

OK 7/30/03

for SINGLE SHEAR two member CONNECTIONS with ASTM A653, Grade 33 steel side plate

This is a blank, lined page from a notebook. The page features horizontal ruling lines and a vertical margin line on the left side. The paper appears slightly aged with some faint smudges. The binding edge on the left shows stitching.

AMERICAN WYOMING OIL & GAS

Specifications of Popular Malaysian Timber

Page 1 of 3



Specifications of Popular Malaysian Timber

Mechanical Properties

Name	Ballistical Name	Strength Grade	Strike Binding		Compression Strength		Tensile Strength	
			SOE Penetration	HEOR Hardness	Penetration Hardness	Penetration Strength	Penetration Strength	Penetration Strength
LIGHT HARMOR								
Whitetail	Shore's Harmor	C 7.80	4.6	2.21	34.5	6.3		
Kunghar	Penetration	W 10.75	8.8	6.82	44.1	12.8		
Shore's Harmor	Shore's Harmor	C 12.91	6.73	4.8	50.52	9.1-10.1		
Welling	Sp. of Lighthouse	C 17.84	64. 92	3.19	53.1	7.5-7.7		
Welling	Sp. of Lighthouse	C 12.91	8.8	4.28	43.8	12.8		
Kunghar	Sp. of Lighthouse	C 12.91	8.8	6.41	43.7	9.8		
Shore's Harmor	Dura Sp. Harmor	D 50.00	9.0	29.5	43.7	9.8		
Shore's Harmor	Shore's Harmor	C 7.86	17. 80	6.14	32.1	12.2-13.1		
Razors	Gorvokov Sp.	C 12.91	18. 134	4.8	48.8			
Dark Red Harmor	Shore's Harmor	C 11.81	74. 82	2.97-3.23	72.4	8.5-11.6		
Whitetail	Shore's Harmor	C 13.90	32. 85	3.05-4.82	41.1	8.1-11.5		
Shore's Harmor	Shore's Harmor	C 14.78	6.00	3.36	29.8	6.7		
Shore's Harmor	Shore's Harmor	C 12.91	8.8	3.2	43.7	11.1		
White Harmor	Shore's Harmor	C 11.94	10. 132	3.88-11.08	47.3	9.4-14.2		
Nyctal	Sp. of Apocryse	C 18.36	78. 129	4.48-9.17	61.7	11. 19.9		
Nyctal	Apocryse Sp.	C 9.76	12. 49	5.52-5.95	28. 78.9	7.1-7.4		
Light Red Harmor	Shore's Harmor	C 8.80	63. 83	2.41-2.51	34.5	6.3-11.1		
Bayair	Shore's Harmor	C 13.90	6.82	5.93	48.3	13.8		
Golden	Shore's Harmor	C 10.80	9.89	3.84	50.8	11.2		
Pulsi	Autone Sp.	C 7.80	4.4	24.8	6.3			
White Harmor	Shore's Harmor	C 11.91	67. 88	2.97	40. 50.8	8.10.5		

<http://www.swtc.com.my/publicationLibrary/swmt/mechanic.html> 7/21/2003

Specifications of Popular Malaysian Timber

Page 2 of 3

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<http://www.asce.com/mypublication/library.asp?nt/mechanics.html> 7/21/2003

044

Page 1 of 1

DESCRIPTION YELLOW BALAU

Other trade name: Bangkai, Bamar Laut, Bamar Selangan Bala etc.

Scientific name: *Shorea leucoxyla*

Characteristics: Weight (10% moisture content) 55-60 lbs/cu ft

Compressive strength (air dry): approx. 70 Mpa

Resistance to bending (air dry): approx. 142 Mpa

Resistance to splitting (air dry): approx. 142 Mpa

Country of origin: Indonesia (Sumatra and Kalimantan)

$E = 15000 = 2.3 \times 10^6 \text{ psi}$

$145 = 20570 \text{ psi}$

Yellow Balau is heavy and its hardness is about 80% higher than that of Oak and only slightly less than that of American Walnut. Yellow Balau is successfully used in situations where the load is high, e.g. the construction and decking of bridges, ramps, quays, for sleepers or for garden products (planters, benches, furniture).

Yellow Balau is imported in the quality "Standard and Better" (Klasifikasi Grading Balau 1984). These Grading Balau allow a little spread at the edges, as well as small cracks and round knots. But all in all, one can say that the wood species Yellow Balau is practically flawless.

One characteristic of Yellow Balau are the "pin-holes", which are the holes of tiny insects living in the tree. But once the tree has been killed, these insects cease to be active. The diameter of these holes is approx. 1-1.5 mm.

There is also the possibility that the smaller white larvae of Yellow Balau can be washed out during the first rain and 20% of the larvae can be washed out. And the larvae of the timber.

Therefore all metal connections must be made of stainless steel.

The garden timber and products are weathered. It can happen that the weathered products are not as strong as the products that have not been weathered. But these products are weathered due to the long transport. But these products are weathered due to the long transport. But these products are weathered due to the long transport.

8/11/2003

DONALD W. SHACKELFORD P.E.

Structural Engineers & Planners PE-24061

7818 SW 64th St
Miami, FL 33143
Tel: (305) 271-8040, Fax: (305) 275-1210

DETERMINE BENDING ADEQUACY OF 3" DIAMETER STEEL PIPE (0.218 WALL THK)

$P_{allow} = 240 \text{ psi}$

$P_{allow} = 177 \text{ ksi}$

$P_{allow} = 140 \text{ ksi}$

$M_{allow} = P_{allow} \times 2.25 = 396 \text{ ft-kips}$

$M_{allow} = 765 \text{ ft-kips}$

$S = 172 \text{ in}^3$

$M_{allow} = 67.5 \text{ ft-kips}$

$M_{allow} = 664 \text{ ft-kips}$

$M_{allow} = 765 \text{ ft-kips}$ OK

3" (0.218 WALL THK) STAINLESS STEEL PIPE IS ADEQUATE

DETERMINE OVERLAPPING ADEQUACY OF FOUNDATION

$M_{allow} = 177 \text{ ksi}$

$M_{allow} = 140 \text{ ksi}$

$M_{allow} = 110 \text{ ft-kips}$

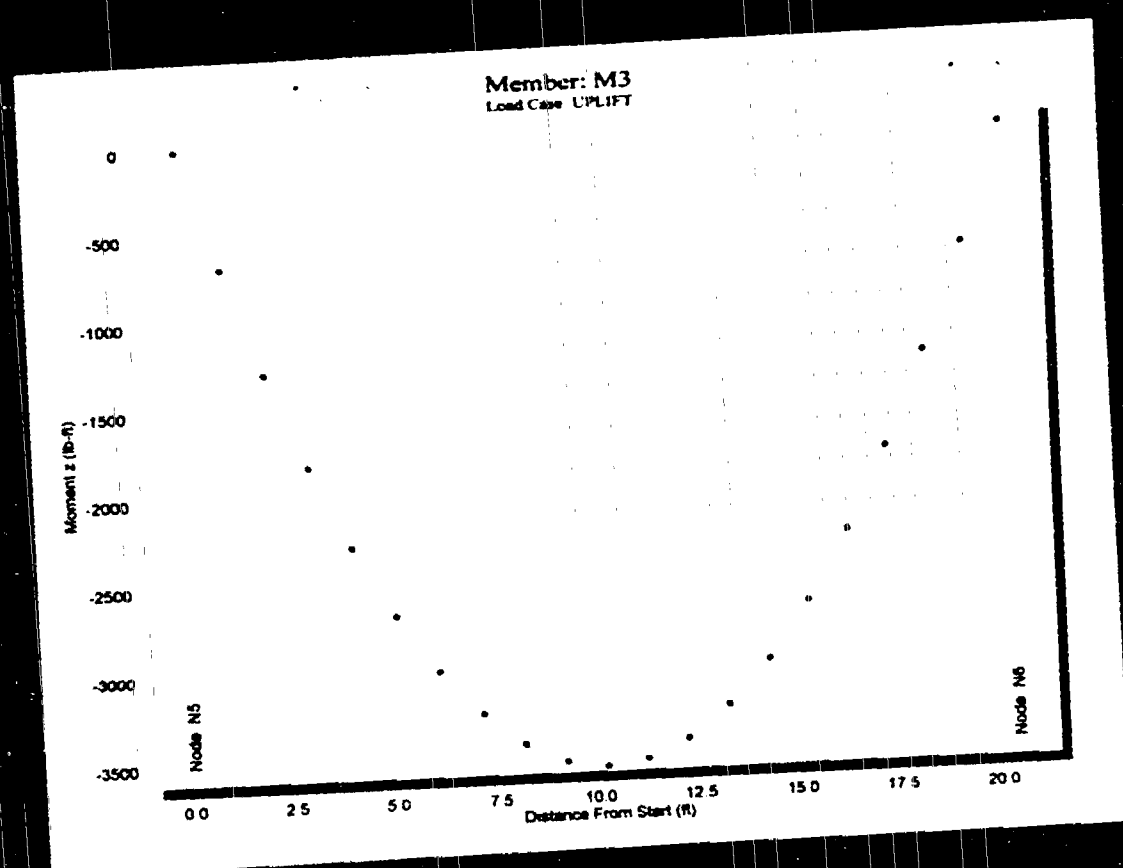
$M_{allow} = 27 \text{ ft-kips}$

$M_{allow} = 4771.3 \text{ ft-kips}$

36" x 36" DEEP PAD FOOTING IS ADEQUATE FOR RIGID & SWINGS

04

Member	Load Case	Offset ft	Px lb	Vy lb	Tz lb	Mx lb-ft	My lb-ft	Mz lb-ft
1	1	0.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	1.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	2.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	3.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	4.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	5.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	6.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	7.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	8.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	9.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	10.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	11.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	12.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	13.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	14.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	15.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	16.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	17.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	18.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	19.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	20.00	1000.00	0.00	0.00	0.00	0.00	0.00

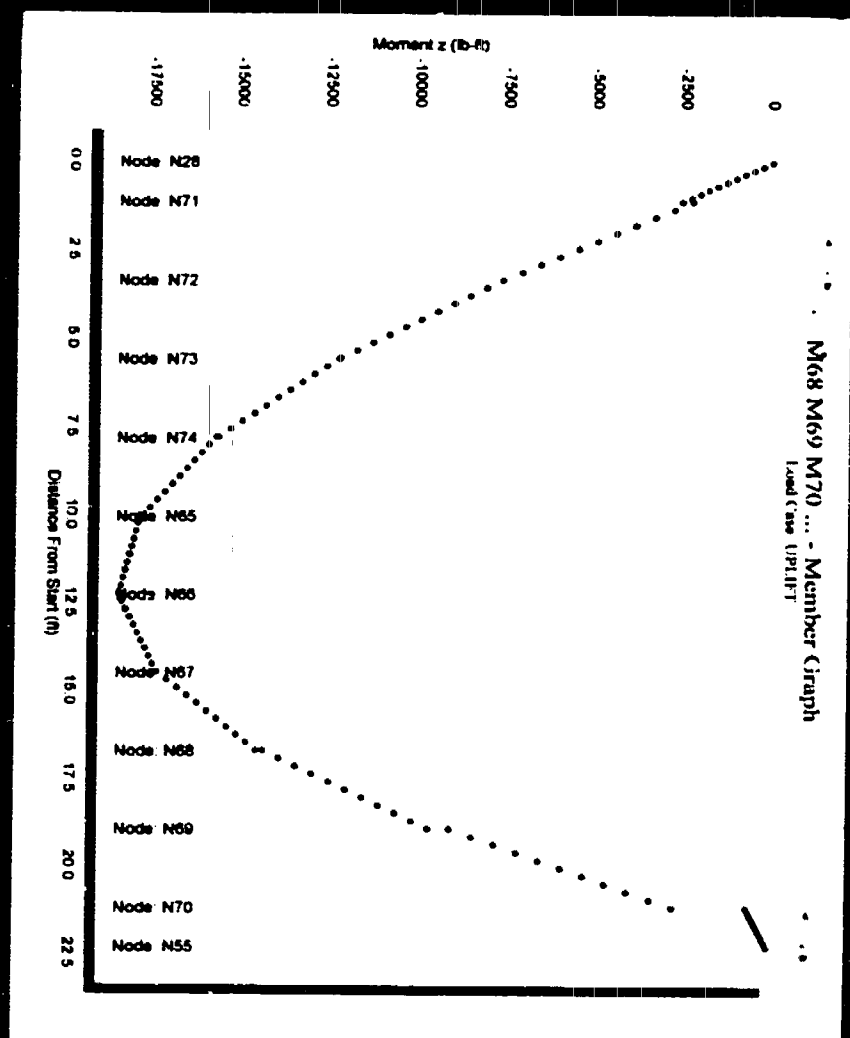


Member Internal Forces (6" x 10" Ipe Beams)

Member	Load Case	Offset ft	Px lb	Vy lb	Tz lb	Mx lb-ft	My lb-ft	Mz lb-ft
1	1	0.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	1.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	2.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	3.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	4.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	5.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	6.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	7.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	8.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	9.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	10.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	11.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	12.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	13.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	14.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	15.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	16.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	17.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	18.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	19.00	1000.00	0.00	0.00	0.00	0.00	0.00
1	1	20.00	1000.00	0.00	0.00	0.00	0.00	0.00

2775
psi

04



CITY OF MIAMI BEACH
BUILDING DEPARTMENT
 1700 CONVENTION CENTER DRIVE
 2ND FLOOR - CITY HALL
 MIAMI BEACH, FL 33139

NOTICE TO THE CITY OF MIAMI BEACH BUILDING DEPARTMENT OF EMPLOYMENT AS SPECIAL INSPECTOR UNDER THE FLORIDA BUILDING CODE

I (we) have been retained by SHAWNS DESIGN to perform special inspector services under the Florida Building Code at the 7810 SW 46 ST MIAMI 33149 project on the below listed structures as (date) 4/22/04. I am a Professional Engineer or Architect licensed in the State of Florida.

License Number: BC20844 Member Permit (if APPLICABLE): _____

Special Inspector for FRP, FIP, 1822.1.20
 Special Inspector for Soil Compaction, FBC 1822.3.1
 Special Inspector for Precast Attachment, FBC 1827.12.2 (By P.E. or R.A.)
 Special Inspector for Reinforced Masonry, FBC 2122.4
 Special Inspector for Steel Bolted & Welded Connections, FBC 2218.2 (By P.E. or R.A.)
 Special Inspector for Trusses over 35 feet long or 6 feet high, FBC 2315.17.2.4.2 (By P.E. or R.A.)
 Special Inspector for _____

NOTE: Only the marked boxes apply.

The following individual's employed by this firm or the authorized representatives to perform inspections:

1. Tom Abbe 2. _____
 3. _____ 4. _____

***NOTE: FBC 2001 102 sections 1827.12.2, 2218.2, 2315.17.2.4.2 requires either a Registered Professional Engineer or Registered Architect to perform the actual inspections.**

I (we) will notify the City of Miami Beach Building Department of any change regarding authorized personnel performing inspection services.

I, (we) understand that a Special Inspection Log for each building shall be distributed to a convenient location on the site for reference to the City of Miami Beach Building Department Inspector. All inspection requests as required by the Florida Building Code, Inspection according to the Special Inspection Log for the building shall be assigned to the building's inspection by the Building Department. Further more, upon completion of the work under each building permit, I will submit to the Building Department a completed inspection log. I will also submit a copy of the log to the City of Miami Beach Building Department. I will also submit a copy of the log to the City of Miami Beach Building Department. I will also submit a copy of the log to the City of Miami Beach Building Department.

Architect/Engineer Signature: Shawn Hausman
 Date: 4/22/04
 Printed Name: Shawn Hausman
 Title: Principal
 Firm Name: SHAWNS DESIGN
 Address: 1285 N. CRENSHAW BLVD. SUITE 200
 City: LOS ANGELES State: CA Zip: 90046
 Phone: 323-654-0898 Fax: 323-654-4551

Specifications Project: Lido spa/hotel Area: Guestroom

Tub

Manufacturer: Square Deal Pumping Vendor: Square Deal Pumping
 2322 E. Florence Ave.
 Huntington Park, CA 90255
 Contact: Adam
 Tel: 310-725-7277
 Fax: 310-725-7270

Product: Free standing bathtub #521 Quantity: 1 Re: Architect
 Material: Cast Iron
 Color: White Est. Unit Cost: \$575.00 + 315.00 Base
 Finish: N/A Mfr. Order: _____
 Dimensions: 60" x 31" x 14" see spec Lead Time: _____
 Custom: ☐ Vintage ☒ STOCK Attached: ☐ Sample: ☐ Sketch: ☐ Product: ☐

Notes:

- Chrome #48 Tower drain or trip waste. GC to compare cost.
- #55 HSC supply in chrome.

This is not correct image / see attached spec

SHAWN HUSMAN DESIGN 1285 N. CRENSHAW BLVD. SUITE 200
 LOS ANGELES, CA 90046
 PH 323-654-0898 F 323-654-4551

Grundfos Pumps Hot Water Recirculation Products UP15-10, UP15-18 & UP15-42

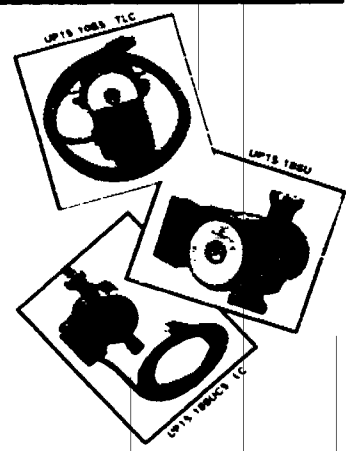
Grundfos Pumps has developed several circulator pump models to meet the needs of "Domestic Hot Water Recirculation" systems, otherwise known as "Instant Hot Water".

These models are available with various configurations including bronze housings with 1/2" & 3/4" sweat BS & B11 and stainless steel housings with union threaded connections (SU). Also, Grundfos has developed the first circulators that include an integrated check valve made as a union fitting on a sweat pump housing (BUCS & BUC7).

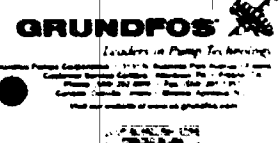
These models have been tested with the options of built-in 115 volt line cord (TLC) or line cord and 24 hour programmable timer (TLC).

As with other Grundfos circulator pumps, these feature the following:

- Easy to install user friendly application of product
- Wet rotor design for quiet, maintenance free operation
- Stainless steel rotor cladding and canister construction to prevent corrosion
- Composite impeller design for optimal application performance
- Built-in 5 foot, 115 volt ac line cord (TLC & TLC) model with a NEMA 3 spring male plug
- Optional built-in 24 hour programmable timer and line cord (TLC) model
- Fully grounded connection (TLC & TLC) model
- UL Recognized strain relief and wire connections (TLC & TLC) models
- All models are fully UL Recognized
- Each unit is run and "high pot" tested
- Available valve configurations include bronze sweat (BUCS), bronze union with integrated check valve in a bronze union fitting (BUCSU), and stainless steel union (SU)
- Designed specifically for Hot Water Recirculation applications



Distributed by



How to Choose the Proper Circulator Pump Model

Find the table below that best describes the design you plan to use. Select the pump model based on the supply pipe length, size and pump options.

Circulator Pump Models used on 1/2" Supply & 1/2" Return Pipes

UP-Series Model Circulators

UP15-10B	10	20	24
UP15-18B	10	20	24
UP15-42B	10	20	24

UP-Series Model Circulators with Built-In Check Valve

UP15-10BUCS	85	170	20
-------------	----	-----	----

Circulator Pump Models used on 3/4" Supply & 1/2" Return Pipes

UP-Series Model Circulators

UP15-10B	200	400	100
UP15-18B	200	400	100
UP15-42B	200	400	100

UP-Series Model Circulators with Built-In Check Valve

UP Stainless Steel Model Chart			
	10	20	24
UP15-18BUCS	10	20	24
UP15-42BUCS	10	20	24

UP-Series Model Circulators

UP15-10B	425	850	21.4
UP15-18B	700	1400	35.2

UP Bronze Model Circulators with Built-In Check Valve

UP-Series Model Circulators with Built-In Check Valve

UP15-10BUC3	170	340	8.5
UP15-10BUC7	195	390	9.8
UP15-18BUC3	440	820	23.1
UP15-18BUC7	500	900	25.1

Circulator Pump Models used on 3/4" Supply & 3/4" Return Pipes

UP-Series Model Circulators

UP15-10B7	500	1000	25 1
UP15-18B7	1600	3200	80 4

UP-Series Model Circulators with Built-In Check Valve

UP-Standard Steel Model Circulators			
			
UP15-10BUCS	10	20	24
UP15-18BUCS	10	20	24
UP15-42BUCS	10	20	24

Circulator Pump Models used on 1" Supply & 1" Return Pipes

UP-Series Model Circulators

UP15-10BUC?	820	1240	31.2
UP15-18BUC?	1575	3160	79.2
UP15-42BUC?	1700	3400	85.4

UP-Series Model Circulators with Built-In Check Valve

UP15-10BUCS	10	20	24
UP15-18BUCS	10	20	24
UP15-42BUCS	10	20	24

For Additional Pump Components

90° Elbow	1.55	2.08	
45° Elbow	2.83	1.10	
Tee, Straight End	2.00	1.10	

UP-Series Model Circulators with Built-In Check Valve

NOTE: For each additional pipe component in the system, an equivalent length must be subtracted to the supply pipe main length on the pump selection charts to get the revised main supply pipe length.

NOTE: For each additional pipe component on the system, the equivalent length must be subtracted to the supply pipe length on the pump selection chart to get the correct pipe length.

WILKINS

Model 975MS



FEATURES

5.0 gpm @ 20' H₂O

Maximum working pressure 175 PSI

Maximum working water temperature 180°F

Hydrostatic test pressure 250 PSI

ANSI B16.1

Class 125

SAE J2446

Switch contact rating

UL Recognized switch factory installed. Supplied with two heavy duty contacts, weather resistant housing & wiring terminals. Ready to connect to thermostat or control system.

Options

1. 1/2" NPT gas valves, standard

2. 1/2" NPT gas valves, standard

3. 1/2" NPT gas valves, standard

4. 1/2" NPT gas valves, standard

5. 1/2" NPT gas valves, standard

6. 1/2" NPT gas valves, standard

7. 1/2" NPT gas valves, standard

8. 1/2" NPT gas valves, standard

9. 1/2" NPT gas valves, standard

10. 1/2" NPT gas valves, standard

11. 1/2" NPT gas valves, standard

12. 1/2" NPT gas valves, standard

13. 1/2" NPT gas valves, standard

14. 1/2" NPT gas valves, standard

15. 1/2" NPT gas valves, standard

16. 1/2" NPT gas valves, standard

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45. 1/2" NPT gas valves, standard

46. 1/2" NPT gas valves, standard

47. 1/2" NPT gas valves, standard

48. 1/2" NPT gas valves, standard

49. 1/2" NPT gas valves, standard

50. 1/2" NPT gas valves, standard

51. 1/2" NPT gas valves, standard

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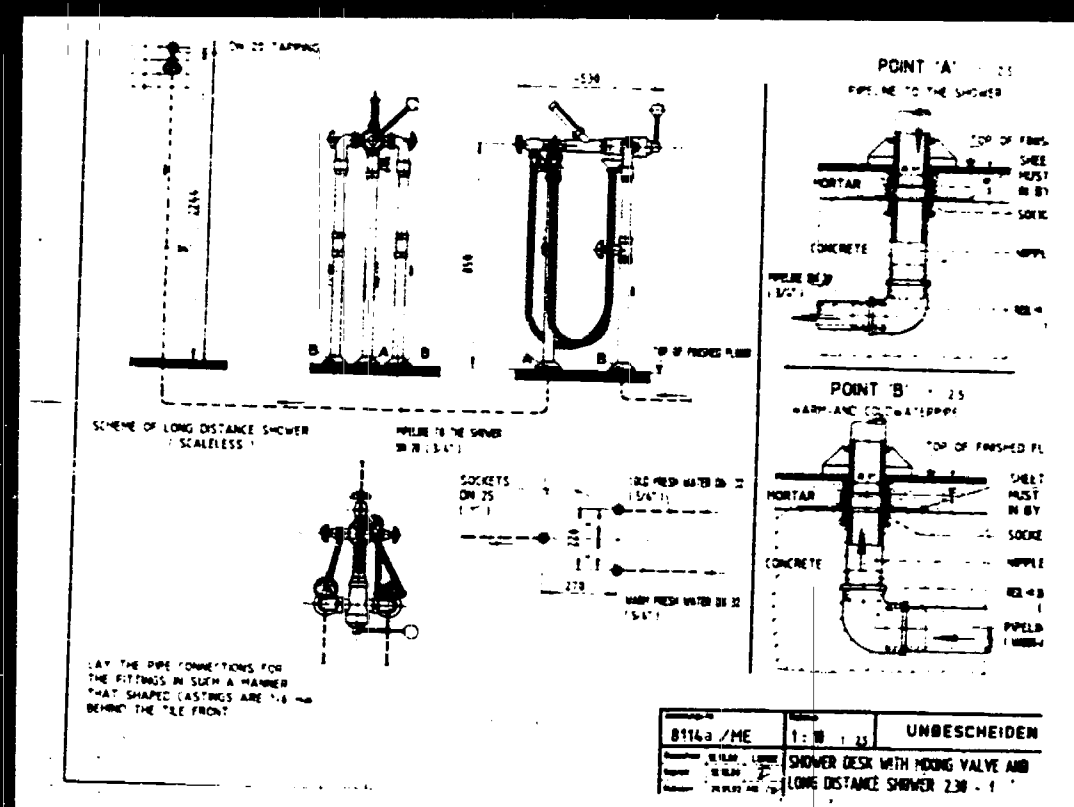
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151. 1/2" NPT gas valves, standard



Unbescheiden Boden-Boden

		Free-standing shower drain for administering alternate, normal, hard and soft jet showers, consisting of:
		guaranteed single lower model DM 25/C for precise mixture and fast COLD- HOT COLD-change with adjustable stop to be maximum hot water temp.
		perature.
		reaches stop at position COLD.
		3 regulation valves DM20 with suspension forks
		1 hose with jet outlet: 1.4 m length
		1 open hose for gloves: 2.25 m length
		1 hose with retaining head: 1.4 m length
		2 pre-wash-off valves in supply lines DM 25
		steel-type thermometer or metal water outlet
		3 measuring and supply pipes with floor outlet
		all metal model parts highly polished chromium finish
		model 2 30-1
		Price
		

04

This is new Tub spec DB 12/14/03

Specifications Project: Lido spa/hotel Area: Guestroom

Tub

Faucet: BLJ exposed valve mixing faucet + BLJ cross handle - See spec

Location: Place
Category: Fixture
Date: 11/18/03
Revised: 12/09/03

Manufacturer	Vendor
Sundance Specialty Co. 930 5th Avenue Oakland, CA 94603-2306 Contact: Robert Maurice (Ext 109) Tel: 510-729-7277 Fax: 510-729-7270	Square Deal plumbing 2302 E. Florence Ave. Huntington Park, CA 90255 Contact: Adam Tel: (323) 587-8291 Fax: (323) 587-0422

Product: Free standing bathtub #821
Material: Cast Iron
Color: White
Finish: N/A
Dimensions: 60" x 31" - see spec
☐ Custom ☐ Vintage ☒ Stock

Quantity: Per Architect
Est. Unit Cost: \$575.00 + \$15.00 (Base)
Lead Time:

Notes: Chrome #48 Tonsil drain or trip waste GC to compare cost
#56 HMC supply in chrome
This is not correct invoice / see attached specs

SHAWN HAUSHAN DESIGN 1285 N. Chocoma Rd. Blvd Suite L
Los Angeles, CA 90046
Ph: 323-654-0808 fx: 323-450-4501

RINGEMANN PLUMBING SERVICE, INC.
2190 NW 22 COURT, MIAMI FL 33142
305-435-4314 • FAX: 305-436-2541
http://www.ringemann.com

Prop: WAHAB1701

SUBMITTAL

PROPOSAL SUBMITTED TO: Prop: 305-434-5490 Date: 11/14/03

Name: WAHAB CONSTRUCTION Job Name: LIDO SPA HOTEL

Site: 818 SW 4th AVE / LYSTARS Street: 48 ELAND AVE

City: MIAMI City: MIAMI State: FL

Project: TOILETS/SHOWER

DESCRIPTION: (1) SETS OF 5" REMITTAL CUTSHEETS FOR YOUR REVIEW AND APPROVAL

FURNISH AND INSTALL THE FOLLOWING:

1. WATER HEATER - LOCHINVAR MODEL #CBL-400-000 80 GALLON 399.999 BTU NATURAL GAS
NOTE: EXHAUST FLUE BY OTHERS

2. HOT WATER RECIRCULATING PUMP - GRUNDFOS 1 1/2 HP 120 VOLT MODEL L715-16

3. 1" BACKFLOW PREVENTER REDUCED PRESSURE MODEL WILKINS #WV75M

4. 1/2" GALVANIZED TUBS - MODEL: BULLEN COUNTRY 24 GA PRE-126 NO POWDER COATING FIGURED

5. 1/2" SETS OF HOBBS STANDARD VIEW BLEND FOR HOT AND COLD WATER FOR TUB - NO POWDER COATING FIGURED - SEE NEW TUB SPEC. #821 WITH #831-1 P/403B/C

6. 1" MOST DEPENDABLE SHOWER (MDS) MODEL 500 SMTS AND INSTALLATION BY R.P.S. PRICE INCLUDES SURFACE MOUNTING PLATES

7. 1" SQUARE BOSCHERMAN'S PRICIA SHOWERS - SUPPLY AND INSTALLATION IS FIGURED. FREIGHT FROM EUROPE INCLUDED

8. 1" TUB SHOWER - FREE STANDING SHOWER DESK MODEL #218-1 SUPPLY AND INSTALLATION IS FIGURED - FREIGHT FROM EUROPE INCLUDED

THANKS
VANESSA GONZALEZ

PLEASE FAX / MAIL APPROVAL/CHANGE ASAP - FUTURE LEAD TIMES MAY BE LENGTHY

☐ APPROVED - NO EXCEPTIONS TAKEN
☐ APPROVED AS NOTED
☐ REJECTED
☒ RESUBMITTAL REQUIRED

SEE ATTACHED SUBMITTAL REVIEW COMMENTS
REVIEWED BY: [Signature] DATE: 12/14/03
DATE: 12/14/03

Lochinvar

CHARGER
Submittal Sheet
CGR-Sub-03

CHARGER COMMERCIAL GAS WATER HEATERS

JOB NAME: LIDO SPA
LOCATION: MIAMI BEACH, FL
ARCHITECT: SPEC-TEC SALES SOUTH, INC. 561-845-9700
MECHANICAL CONTRACTOR: RINGEMANN PLUMBING
MODEL NO.: CFW400-000-005
TYPE GAS: NATURAL
Btu/hr Input: 399,999
RECOVERY RATE IN GPH: 300
GALLON CAPACITY: 80

NOTES:

Standard Equipment:

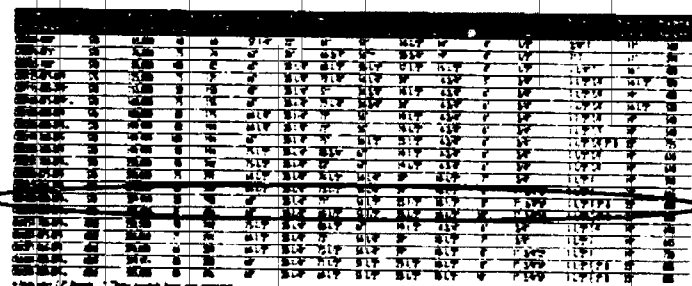
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Optional Equipment:

There are 10 in the list for all options that apply:

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1-800-4-A-REFRIG • 100 Main St. • Piquette, MI 49079 • 616-296-2000 • FAX 616-296-1000
www.lochinvar.com

Grundfos Pumps has developed several circulator pump models to meet the needs of "Domestic Hot Water Recirculation" systems, otherwise known as "Instant Hot Water".

These models are available with various configurations including bronze housings with 1/2" & 3/4" sweet (B5 & B7) and stainless steel housings with union threaded connections (SUA). Also, Grundfos has developed the first circulators that include an integrated check valve inside a union fitting on a sweet pump housing (BUCS & BUC7).

These models have been fitted with the options of built-in 115 volt line card ("LC") or line card and 24 hour programmable timer ("TLC").

As with other Gaudin's ...

- Easy to install: user-friendly application of product.
- Wet room design for quiet, maintenance free operation.
- Standard steel water casting and concrete construction to pre-vent condensation.
- Composite impeller design for optimal application performance.
- Built-in 6 litre, 115 watt self priming motor (TLC & TLC* models) with a MEMA 3 zone motor plus.
- Optional 24 hour, 24 hour programmable timer and low voltage (TLC* models).
- Fully grounded construction (TLC* & TLC* models).
- UK Recognized steam relief and vent connections (TLC* & TLC* models).
- All models are fully UL Recognized.
- Each unit is run and "High Pot" tested.
- Available volume and temperature controls include bronze brass and chrome bronze vent with integrated check valve in a bronze union (TLC* & TLC* models).
- JWC-567, and stainless steel union (SLU).
- Designed for use with Hot Water Recirculation applications.



GRUNDFOSS 
Leaders in Pump Technology
 Grundfos Pump Corporation • 1010 N. Shattuck Blvd., Fresno, CA 93721
 Grundfos Service Centers: Alhambra, IL • Palm CA
 Phone: (408) 280-0000 • Fax: (408) 291-4287
 Grundfos Canada, Ontario • Grundfos Australia, N.S.
 Visit our website at www.en.grundfos.com

Find the table below that best describes the design you plan to use.
Select the pump model based on the supply pipe length, size and pump options.

Circulator Pump Models 100-1000

LP-Direct Model Circulators			
Model	Capacity (GPM)	Pressure Drop (ft. H ₂ O)	Power (HP)
LP15-1000	100	20	1.5

USA Group: Market Conditions (High Ball-in Church Value)

UP15-100000	00	170	2.0
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Circular Avenue Apartments, 1900 ...

LP-Series Model	Capacity	Price
LP15-1000	200	10.0
LP15-1007	215	10.8
LP15-1006	400	23.1
LP15-1007	500	25.1

USA-Canada Steel Trade Controversy

WP15-100U	206	510	12.8
WP15-620U	425	800	21.4
WP25-640U	760	1,000	21.4

USP Stores: Metal Closures with Built-in Check Valves

UP15-108UC6	170	340	8.5
UP15-108UC7	196	390	9.8
UP15-108UC5	480	830	23.1
UP15-108UC7	900	1000	26.7

**Circulator Pump Models used on
3/4" Supply & 3/4" Return Pipes**

LF-15-1087	900	1000	25.1
LF-15-1887	1800	3300	82.4
LF-15-4287	1800	3800	88.8

UP-Standard Sheet Metal Circular

UP15-188U	1275	2589	84.1
UP15-423U	1380	2706	87.8
UP25-643U	2300	4400	116.7

UP Service Model Classifiers with Built-in Group 11

UP15-10BUCY	636	1240	31.2
UP15-10BUCY	1973	3750	78.2
UP15-42BUCY	1700	3400	88.4

NOTE: Calculators are based on 147°F water at 1 gpm type 1" copper pipe with 20 elbows and 10 tees for the water supply. Allow extra 20% for the water supply. The length of the supply with 20 elbows and 1 check valve is 100 feet. Check valve is removed from calculator. Add 10% for the water supply. For other calculations, call local Grundfos Sales Representative.

For Additional Flying Experience

60" E/Bore	1.50	2.00
48" E/Bore	0.83	1.50
Fee (Straight Port)	1.00	1.40
Fee (Side Port)	3.10	4.10
Flow Check	5.50	6.00

NOTE: For each selected pipe component on the system, equivalent length must be subtracted to the supply pipe run. Refer to the pump selection charts to get the reduced pipe run length.

WILKINS

Model 975MS

SPECIFICATION SUBMITTAL SHEET



FEATURES

- Size: 1/2" to 2" NPT
- Maximum working water pressure: 175 PSI
- Maximum working water temperature: 140°F
- Hydrostatic test pressure: 350 PSI
- End connections: Flanged
- Switch: Contact rising

ULB recognized switch factory installed. Supplied with normally open contact. Weather resistant housing & wiring leads. Ready for immediate installation to appropriate electrical circuit.

OPTIONS

- Diffusers can be converted
- with 1/2" NPT gate valves (standard)
- with 1/2" NPT gate valves (optional)
- with 1/2" NPT gate valves (optional)
- with 1/2" NPT gate valves (optional)
- with 1/2" NPT gate valves (optional)

ACCESSORIES

- Air gap (Model AG)
- Resistor kit (Model RK)
- Thermal expansion tank (Model TATP)
- OT-SET Check Test F-Ging Set

APPLICATION

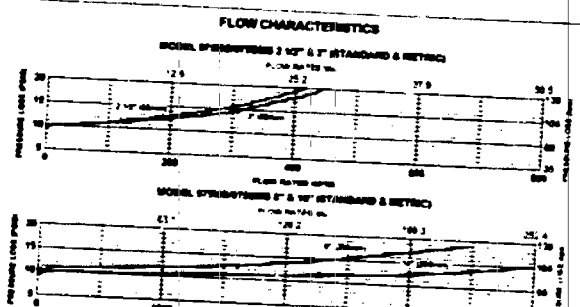
Designed for installation on potable water lines to protect against both back-siphonage and backflow of contaminated water into the potable water supply. Assembly shall provide protection where a potential health hazard exists.

STANDARDS COMPLIANCE

- ASME 1013 Listed
- ASME 1013 Listed
- ASME 1013 Listed
- ASME 1013 Listed
- ASME 1013 Listed

MATERIALS

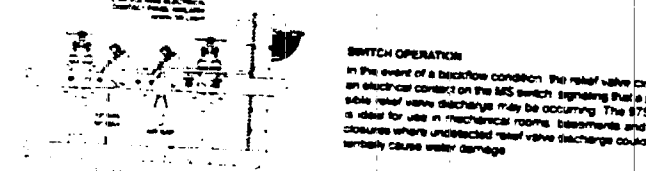
- Main valve body: Cast iron ASTM A 126 Class B
- Access covers: Cast iron ASTM A 126 Class B
- Coatings: FOM Approved Epoxy Finish
- Fasteners: Stainless Steel 302 Series
- Electromechanical: Cast Bronze ASTM B 584
- EPDM (FDA Approved)
- Buna Nite (FDA Approved)
- O-ring: NBR
- Stainless steel: 302 Series
- Aluminum



TYPICAL INSTALLATION

Local codes shall govern installation requirements. To be installed in accordance with the manufacturer's instructions and the latest edition of the Uniform Plumbing Code (UPC) or the International Plumbing Code (IPC). The assembly shall be mounted at a minimum of 12" (305mm) and a maximum of 30" (762mm) above the drain with sufficient side clear space for testing and maintenance. The manufacturer shall be made so that no part of the unit can be submerged.

Flow Rate (GPM)	Pressure Drop (PSI)
10	0.5
20	1.0
30	1.5
40	2.0
50	2.5
60	3.0
70	3.5
80	4.0
90	4.5
100	5.0



SWITCH OPERATION

In the event of a backflow condition, the relief valve opens an electrical contact on the MS switch signaling that a possible relief valve discharge may be occurring. The STMS is ideal for use in mechanical rooms, basements, and anywhere where backflow could cause water damage.

SPECIFICATIONS

The Reduced Pressure Principle Backflow Preventer shall be ASME 1013 Listed and supplied with full port gate valves and an integral relief valve monitor switch. The main body and access covers shall be epoxy coated gray cast iron (ASTM A 126 Class B). The seat ring and check valve shall be cast bronze (ASTM B 584). The stem shall be stainless steel (ASTM A 276) and the seat disc components shall be EPDM. The checks shall be accessible for maintenance without removing the device from the line. The Reduced Pressure Principle Backflow Preventer shall be a Wilkins Model 975MS.

Page 2 of 2

Behlen Country Products

Page 1 of 1

Model 975MS

1/2" NPT to 2" NPT

1/2" NPT to 2" NPT

1/2" NPT to 2" NPT

1/2" NPT to 2" NPT

1/2" NPT to 2" NPT

PRODUCTS

- 1/2" NPT to 2" NPT
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- 1/2" NPT to 2" NPT

Heavy Duty Galvanized Tanks

These rugged tanks are for all your water storage needs. All are made of heavy duty galvanized steel. All tanks have a built-in overflow and a 1/2" NPT to 2" NPT connection. All tanks have a built-in overflow and a 1/2" NPT to 2" NPT connection. All tanks have a built-in overflow and a 1/2" NPT to 2" NPT connection.

Model 975MS

1/2" NPT to 2" NPT

Model 975MS

1/2" NPT to 2" NPT

Model 975MS

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1/2" NPT to 2" NPT

Model 975MS

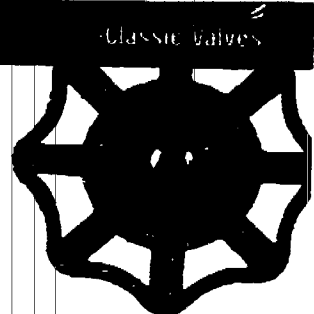
1/2" NPT to 2" NPT

Classic Valves

Lifetime replacement warranty
 JACOBS will replace any Classic Valve not fully tested under warranty, as a matter of course, in written or verbal form, for the life of the valve. For more information on this warranty, contact the Classic Valve, call JACOBS Technical Services at 1-800-455-5555 (1-800-455-5555).

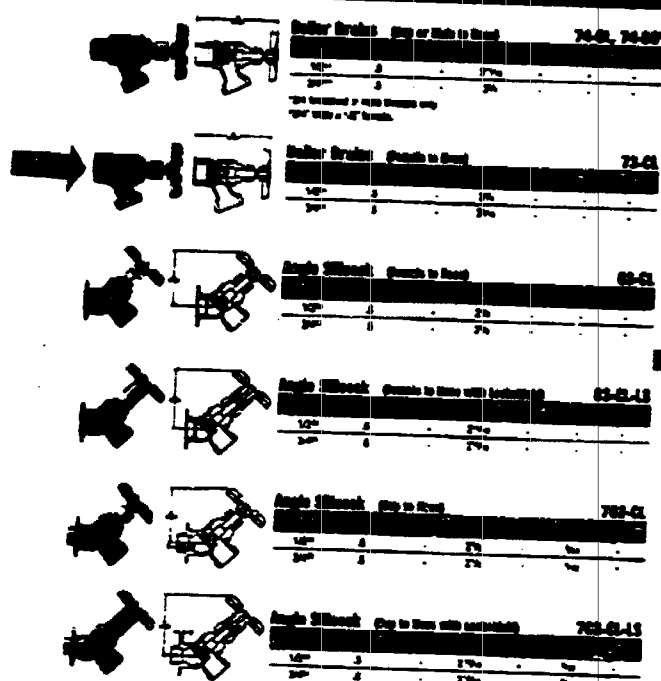
Interchangeable trim design
 All new and improved Classic Valves have standard, new and improved interchangeable trim design, interchangeable in both 1/2" and 3/4" sizes, to replace, in any assembly, any trim in the previously certified Classic Valve. This feature allows repair and replacement the design simply required from JACOBS.

- Standard Valve: Custom Steel - Clear Chromate Plating
- Pushing Pin: Brass ASTM B-16
- Pushing Pin: Chrome Plated Steel
- Base: Cast Aluminum Alloy 356
- Base: Cast Aluminum Alloy 356
- Base: Cast Aluminum Alloy 356
- Base: Cast Aluminum Alloy 356
- Base: Cast Aluminum Alloy 356
- Base: Cast Aluminum Alloy 356
- Base: Cast Aluminum Alloy 356



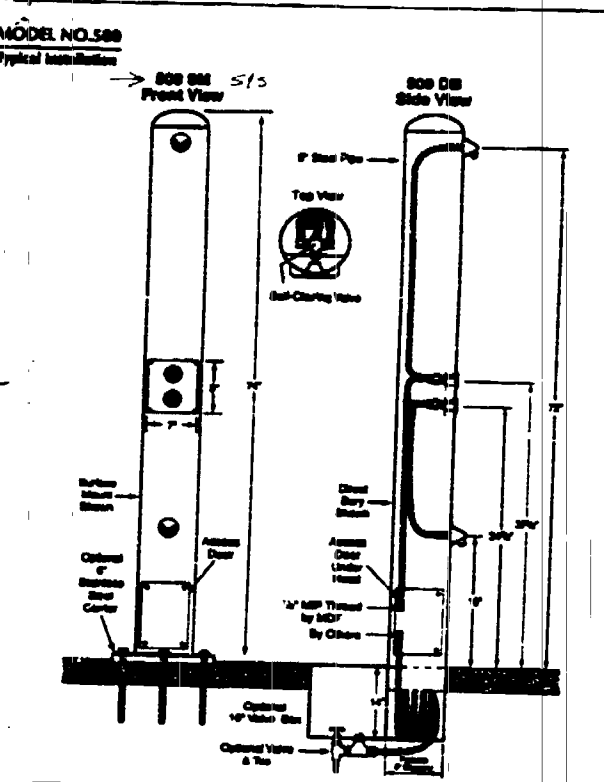
JACOBS INC. 1000 West Broadway St. Portland, OR 97204-1000 U.S.A. 503-455-5555

Classic Valves



TOTAL P. 42

JACOBS MOST DEPENDABLE FOUNTAINS



For more information contact JACOBS Most Dependable Fountains, Inc. 1000 West Broadway St. Portland, OR 97204-1000 U.S.A. 503-455-5555

04

ECK®

"What is ECK?"

ECK is a revolutionary new technology that has been developed by ECK Inc. It is a non-toxic, non-flammable, non-corrosive, and non-hazardous material that can be used to protect electronic components from electrostatic discharge (ESD) damage. ECK is a white, powdery substance that can be applied to a variety of surfaces, including printed circuit boards (PCBs), components, and packaging. It forms a protective layer that prevents ESD damage by dissipating static electricity.

TEN BENEFITS OF USING ECK

- Prevents corrosion of any metal
- Keeps parts from becoming too hot
- Reduces the need for cooled hardware
- Replaces the barrier tape and mylar film
- Dissolves static electrical components
- Antistatic and ultraviolet
- Protects from acid fumes and vapors
- Easy to apply: Spray or brush on
- Keeps moisture out of unwanted areas
- INEXPENSIVE

THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

7520 SW 57th AVENUE SUITE G
MIAMI, FL 33143
PHONE: (305) 663-6077
FAX: (305) 663-6763

4425 CROOKED MILE RD.
MERRITT ISLAND, FL 32952
PHONE: (321) 449-0790
FAX: (321) 449-0745

[illegible]

SUNSHINE CREDIT CO.
City of Miami

ENC 64/22/2004

HAND REACH

EX-67-2004
JUL 1968
JUL 1968

CURRENT SET DATE: DECEMBER 18, 2003

- D-1 DEMOLITION PLAN
- H-1 HARDSCAPE SITE PLAN
- H-2 HARDSCAPE DIMENSIONING PLAN
- H-3 CONSTRUCTION DETAILS
- H-4 CONSTRUCTION DETAILS
- H-5 CONSTRUCTION DETAILS
- H-6 CONSTRUCTION DETAILS
- H-7 COURTYARD DETAILS
- L-1 EXISTING PLANTING
RELOCATION & REMOVAL PLAN
- L-2 LANDSCAPE PLAN
- L-3 LANDSCAPE DETAILS
- IR-1 IRRIGATION PLAN
- IR-2 IRRIGATION DETAILS
- IR-3 IRRIGATION NOTES

LANDSCAPE LIGHTING DRAWINGS BY:
ISOMETRIX LIGHTING & DESIGN LTD.

SSF EXTERIOR LIGHTING

**CIVIL ENGINEERING DRAWINGS BY:
DAVID PLUMMER & ASSOCIATES**

C-1 SITE GRADING & DRAINAGE PLAN
C-2 GENERAL NOTES & SPECIFICATIONS
C-3 DRAINAGE DETAILS
C-4 SANITARY SEWER CONNECTION PLAN
C-5 WATER SERVICE CONNECTION PLAN

STRUCTURAL ENGINEERING DRAWINGS BY:
DON SHACKELFORD, P.E.

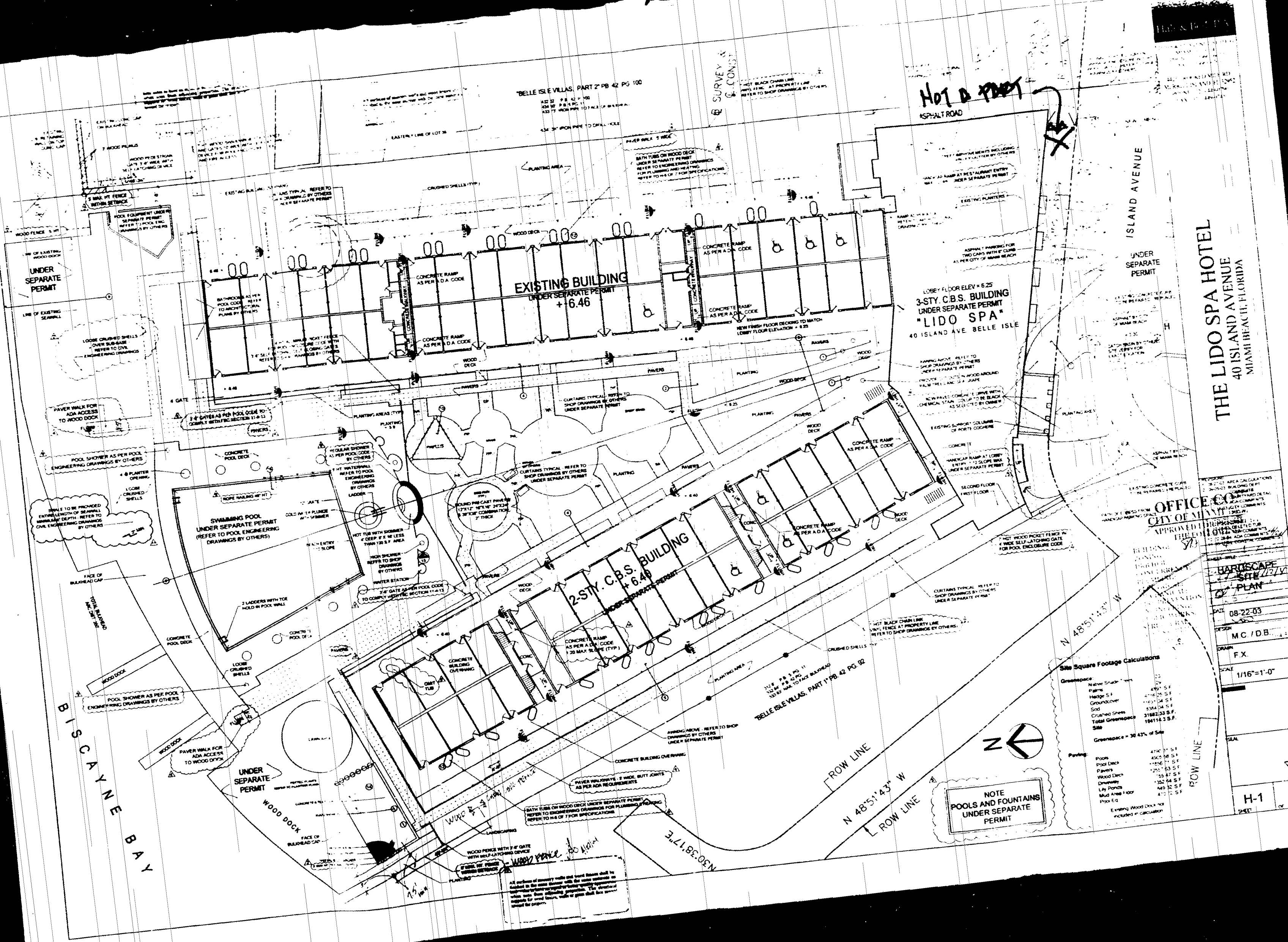
DON SHACKELFORD, F.P.C.

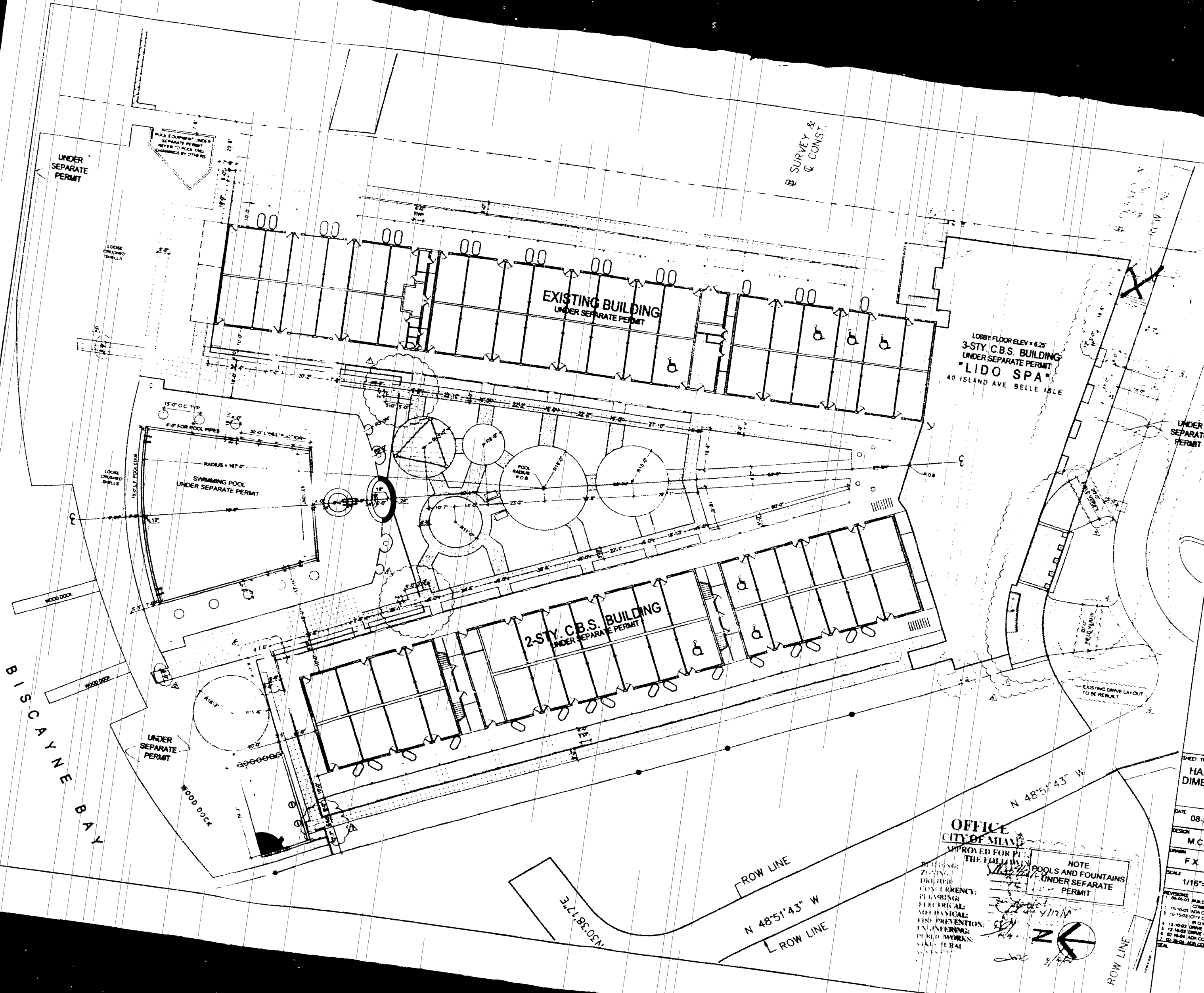
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S-2	SITE WORK STRUCTURAL DESIGN
S-3	SITE WORK STRUCTURAL DESIGN
S-4	SITE WORK STRUCTURAL DESIGN
S-5	SITE WORK STRUCTURAL DESIGN

M.E.P. ENGINEERING DRAWINGS BY:
U.C.I. ENGINEERING

- E-1SL SITE PLAN - PROPOSED LIGHTING AND POWER PLAN
- E-2SL POOL PUMPS ROOM & PANEL SCHEDULE
- E-3SL PANEL SCHEDULE & RISERS
- E-4SL NOTES & SYMBOLS
- FP-1 LOCATION SKETCH
- P-1 SITE PLAN LOCATION SKETCH
- P-2 PLUMBING ISOMETRICS
- P-3 PLUMBING NOTES & DETAILS

04





THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

OFFICE
CITY OF MIAMI
APPROVED FOR THE FOLLOWING POOLS AND FOUNTAINS
UNDER SEPARATE PERMIT

NOTE
THE FOLLOWING POOLS AND FOUNTAINS
UNDER SEPARATE PERMIT

PLUMBING
ELECTRICAL
MECHANICAL
STRUCTURAL
PAINTING
LANDSCAPE
ARCHITECTURE
GENERAL CONTRACTOR

SHEET TITLE	HARDSCAPE DIMENSIONING PLAN
DATE	08-22-03
DESIGN	M.C./D.B.
DRAWN	F.X.
SCALE	1/16"=1'-0"
REVISIONS	1. 10-10-03 BUILDING DEPT 2. 10-10-03 AIA COMMENTS 3. 10-15-03 CITY COMMENTS 4. 12-10-03 DRIVE 5. 12-10-03 DRIVE 6. 02-10-04 AIA COMMENTS 7. 02-10-04 AIA COMMENTS 8. 02-10-04 AIA COMMENTS
H-2	7

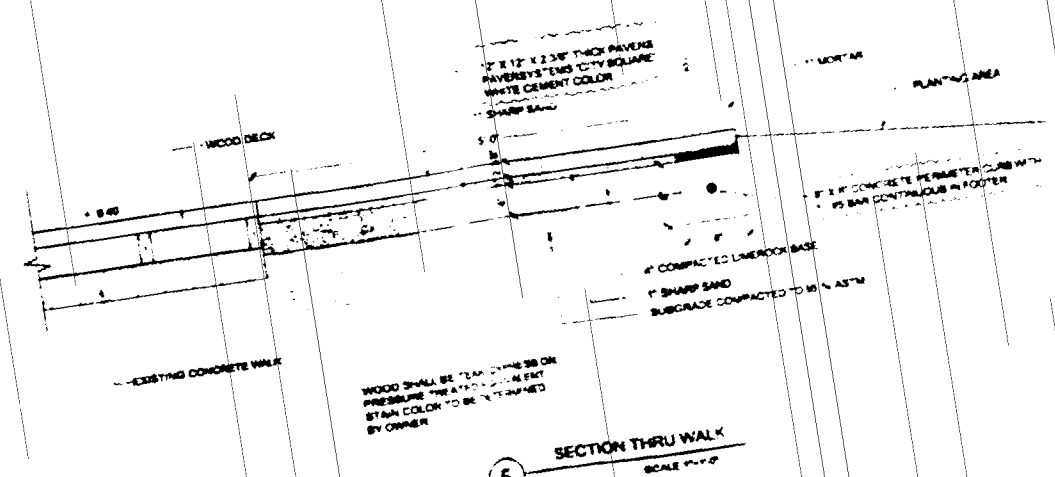
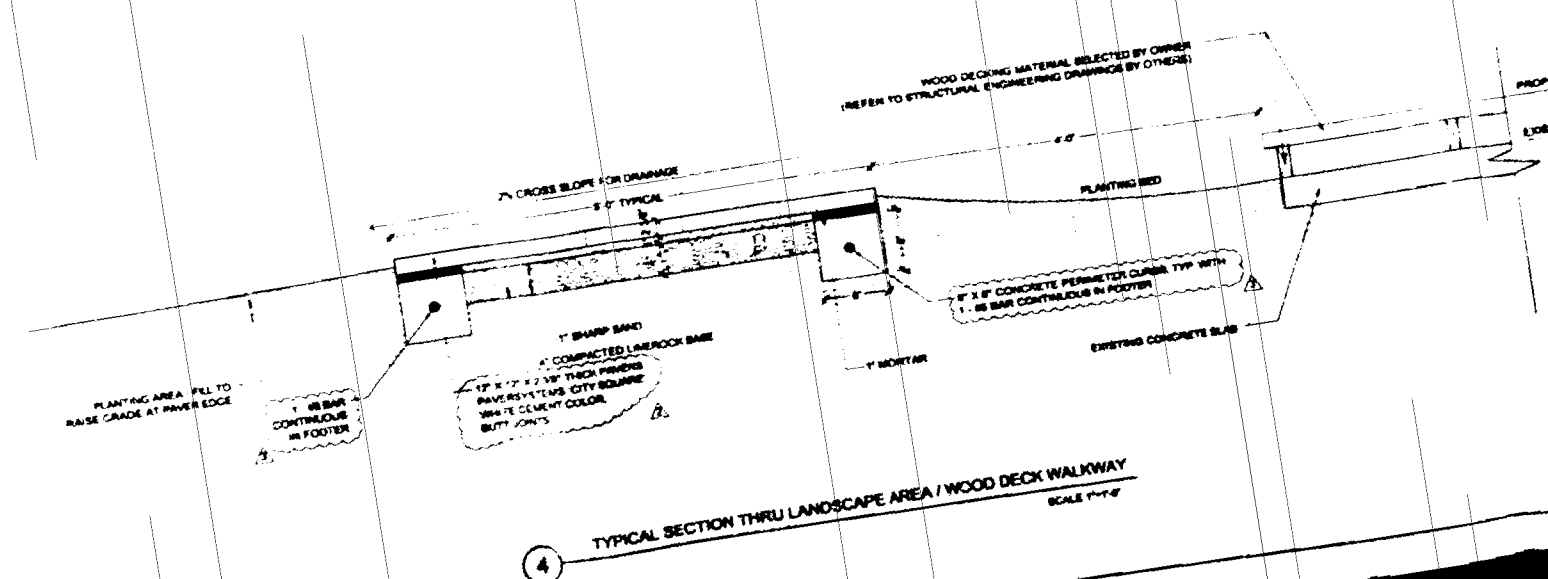
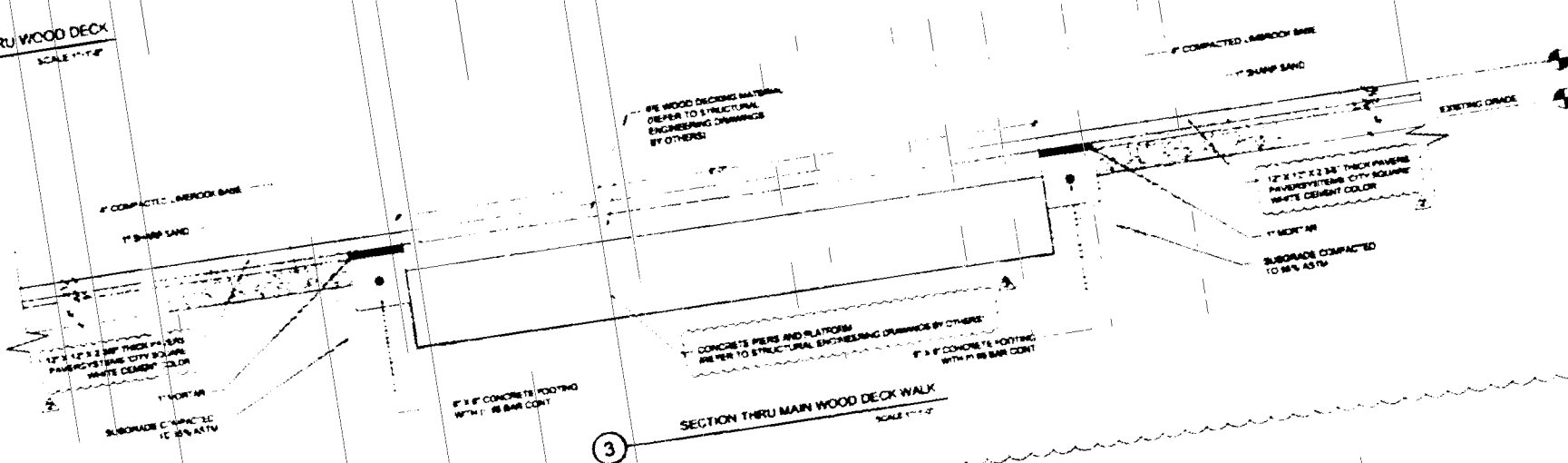
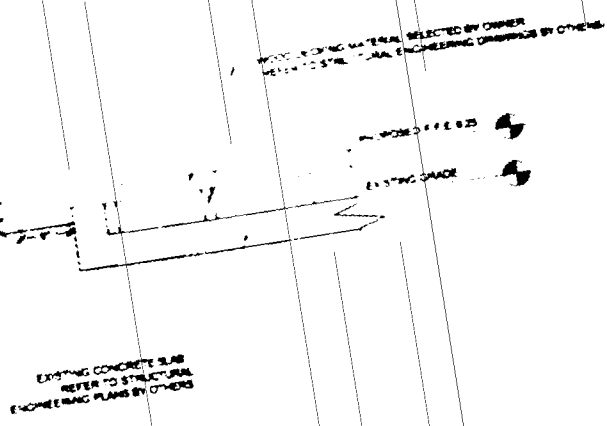
2000 AVENUE SOUTH
SUITE 100
MIAMI, FL 33134
PHONE: (305) 441-1000
FAX: (305) 441-1001
4420 CRUNKLEHILL RD
MIAMI, FL 33142
PHONE: (305) 441-0700
FAX: (305) 441-0701

THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

OFFICE COPY
CITY OF MIAMI BEACH
APPROVED
DATE: 08-22-03
DESIGN: M.C./D.B.
DRAWN: F.X.
SCALE: VARIES
REVISIONS:
1. 08-22-03 BUILDING DEPT
COMMENTS
2. 10-10-03 ADA COMMENTS
3. 11-10-03 STRUCTURAL
COMMENTS
4. 01-14-04 ADA COMMENTS

SHEET TITLE	
CONSTRUCTION DETAILS	
DATE	08-22-03
DESIGN	M.C./D.B.
DRAWN	F.X.
SCALE	VARIES
REVISIONS	1. 08-22-03 BUILDING DEPT COMMENTS 2. 10-10-03 ADA COMMENTS 3. 11-10-03 STRUCTURAL COMMENTS 4. 01-14-04 ADA COMMENTS
SCALE	H-3 7

04



HUB & BELL PA
 CONSULTING ENGINEERS
 4015 N.W. 11th Avenue, Suite 200
 Fort Lauderdale, FL 33309
 (954) 571-1111
 FAX: (954) 571-1112

THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

OFFICE COPY
 11/14/04
 11/14/04
 11/14/04
 11/14/04

CONSTRUCTION DETAILS	
DATE	08-22-03
DESIGN	M.C./D.B.
DRAWN	F.X.
SCALE	VARIES
REVISIONS	
1	08-08-03 BUILDING DEPT. COMMENTS
2	12-22-03 TUB SPEC. COMMENTS
3	12-22-03 TUB SPEC. COMMENTS
4	12-22-03 TUB SPEC. COMMENTS
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98	12-22-03 TUB SPEC. COMMENTS
99	12-22-03 TUB SPEC. COMMENTS
100	12-22-03 TUB SPEC. COMMENTS

VOID

11 FOUNTAIN DETAILS AT FRONT FACADE
 SCALE: 1/4" = 1'-0"

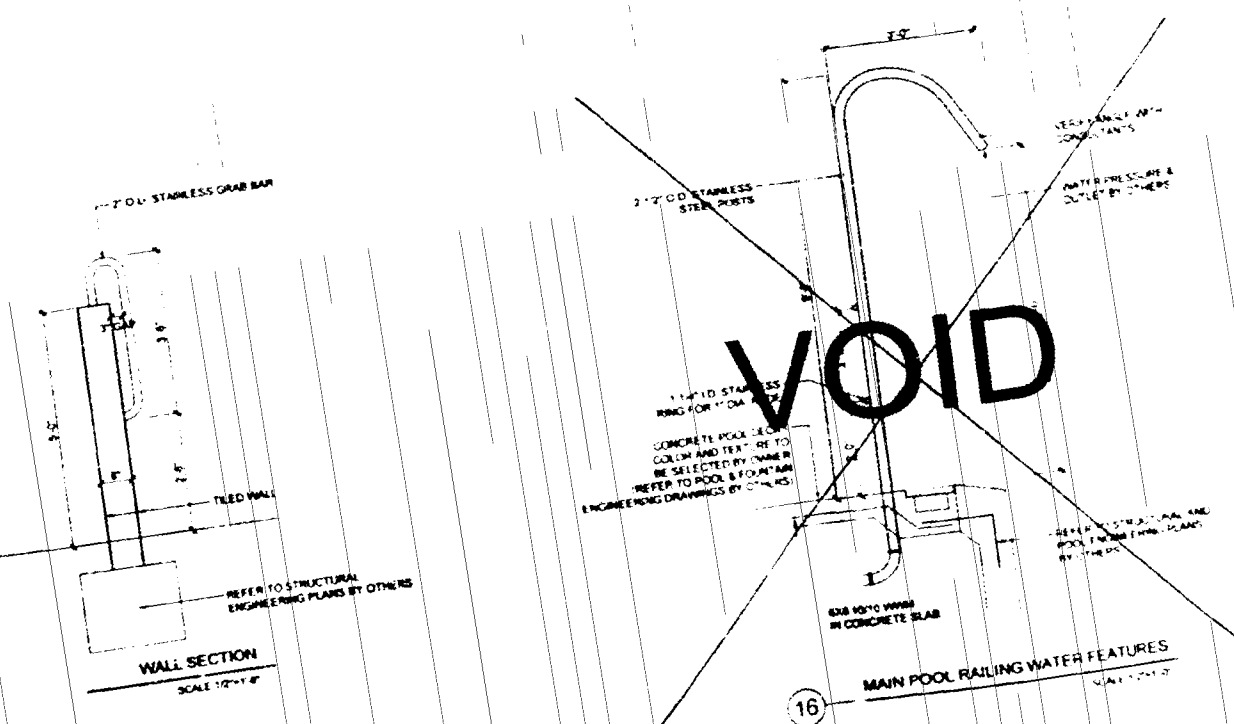
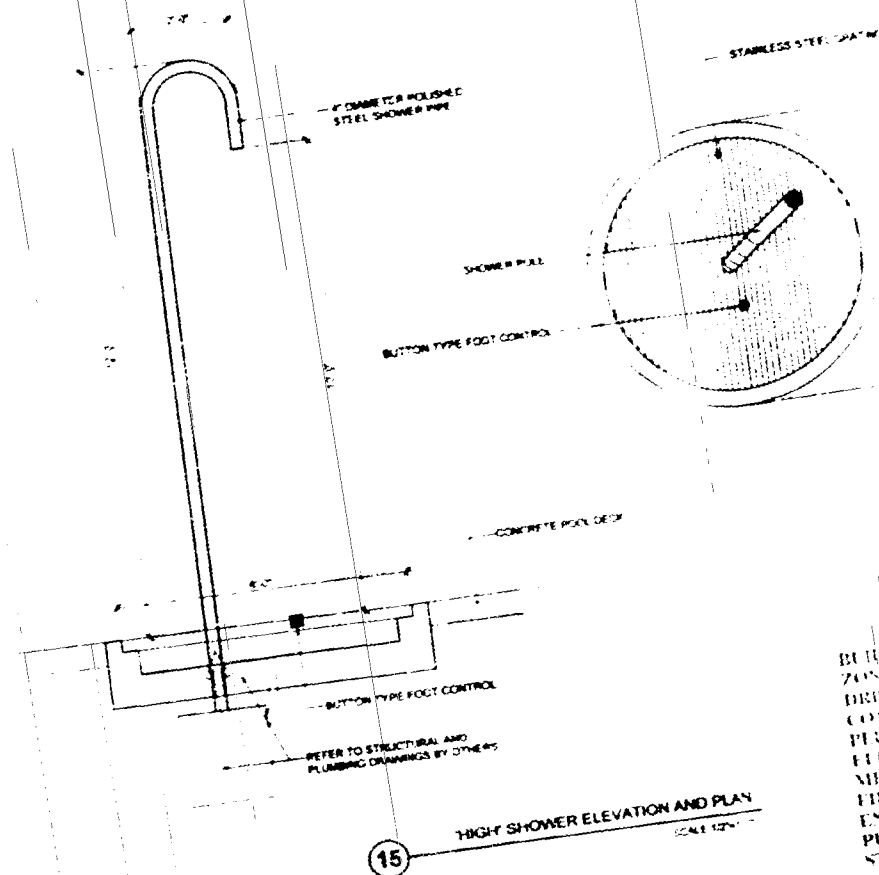
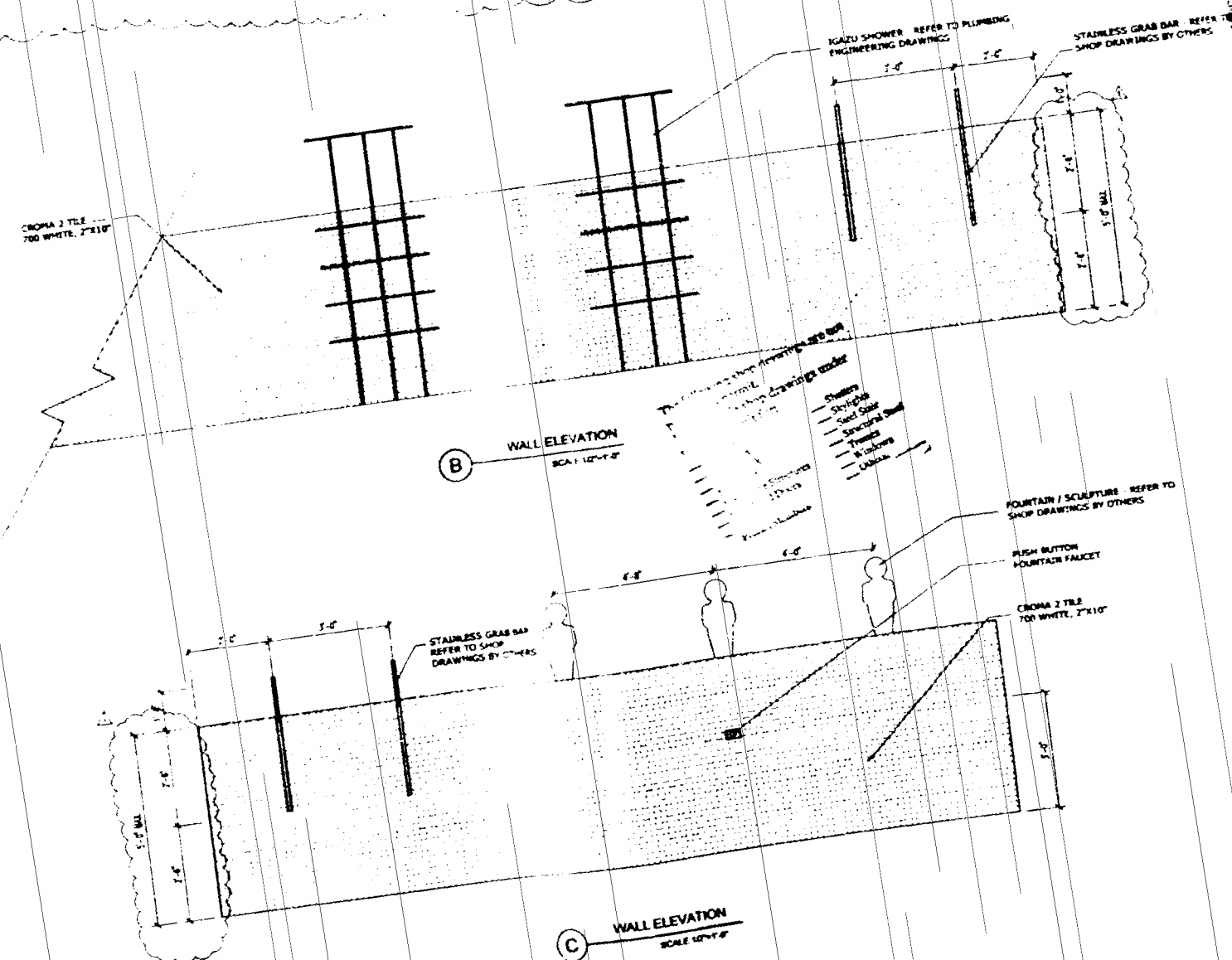
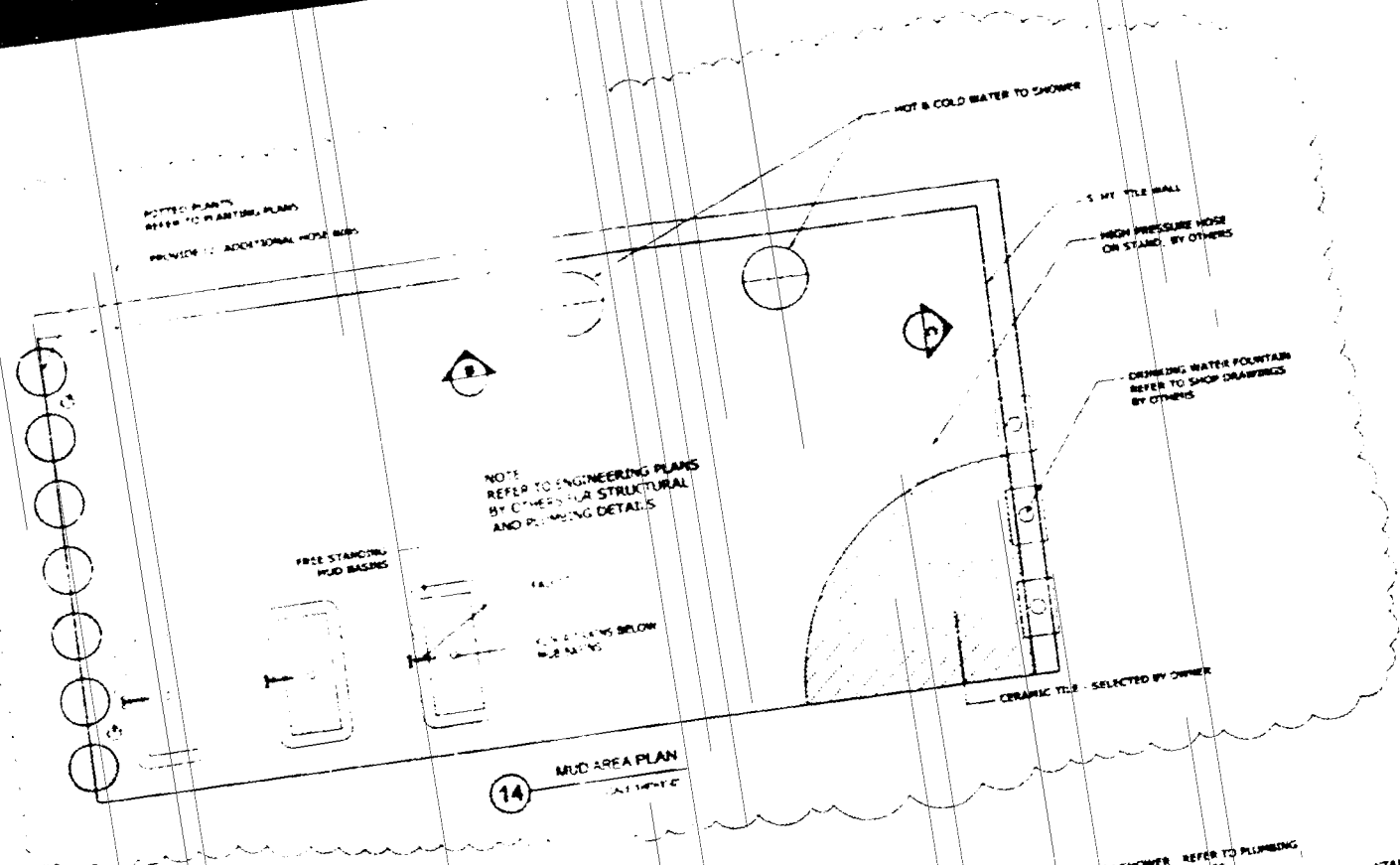
VOID

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

12 TUB DETAILS
 SCALE: 1/4" = 1'-0"

VOID

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



Hail & Bell, P.A.
1000 S.W. 15th Ave.
Miami, FL 33135
Tel: 305-371-1111
Fax: 305-371-1112

CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:

BUILDING
ZONING
DISSEMINATION
CONCRETE
PLUMBING
ELECTRICAL
MECHANICAL
ENGINEERING
PUBLIC WORKS
STRUCTURAL
ACCESSIBILITY
ELEVATOR

As per Florida Building Code Section 104.5.2
REVIEWED AND APPROVED FOR PERMIT

THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

SHEET TITLE
CONSTRUCTION
DETAILS

DATE: 08-22-03

DESIGN: M.C./DB

DRAWN: F.X.

SCALE: VARIES

REVISIONS: 1. 08-22-03 BUILDING DEPT. COMMENTS: 11-01-03 ACCT. BAE

SEAL:

SCALE:

SCALE:

SCALE:

SCALE:

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SCALE:

04

17 COURTYARD DIVIDER PLAN - EAST WING

17 COURTYARD DIVIDERS ELEVATION

1 DETAIL

4 ————— DETAIL
SCALE 1/2" = 1'

6 — DETAILS

2 ————— DETAIL

5 DETAIL

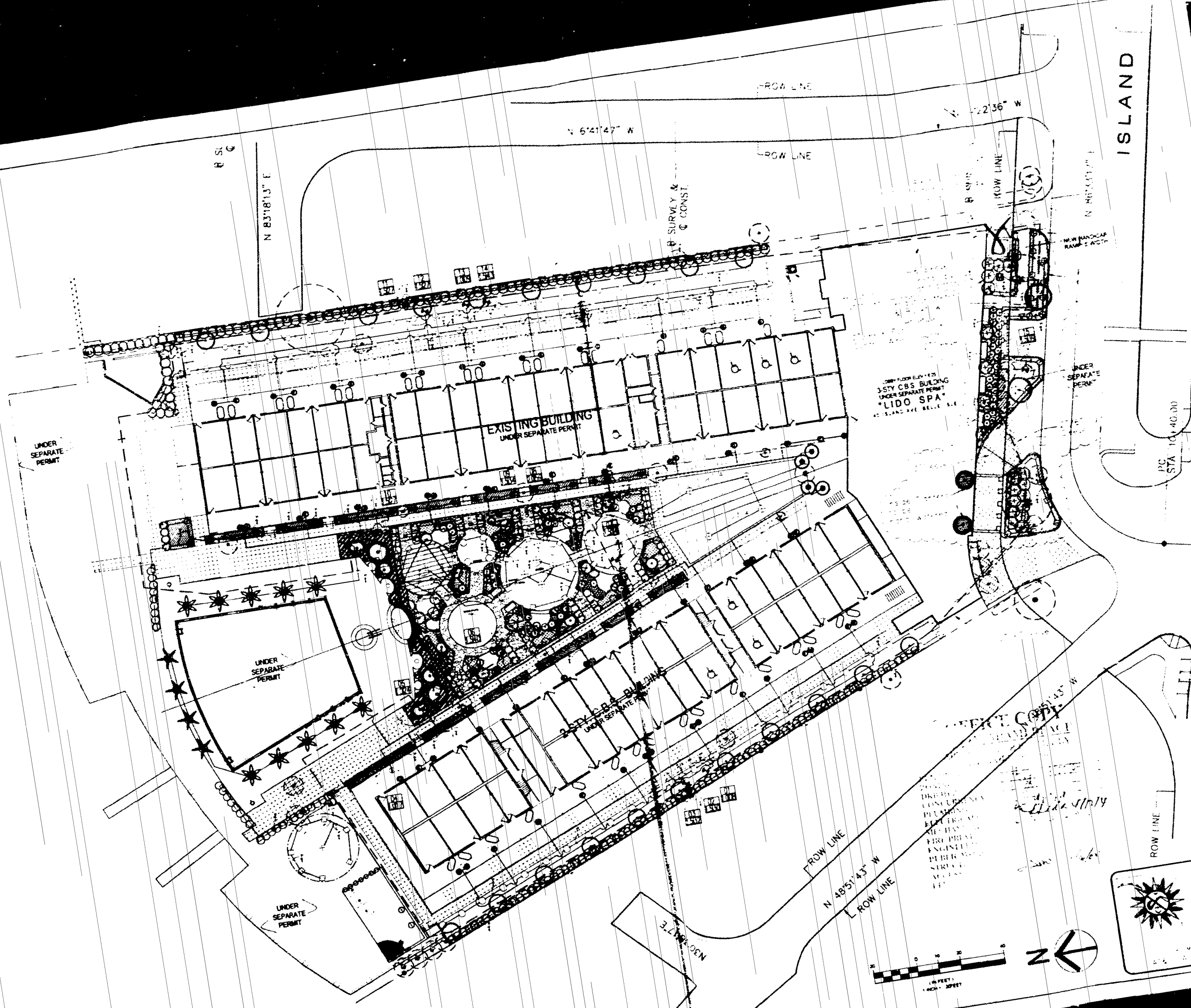
7

3200 N. 11TH AVENUE SUITE 6
MIAMI FL 33141
PHONE (305) 442-1401
FAX (305) 442-1403

4425 E. RIVINGTON BLVD
MERRITT ISLAND FL 32952
PHONE (407) 21-4460/700
FAX (407) 21-4460/745

THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

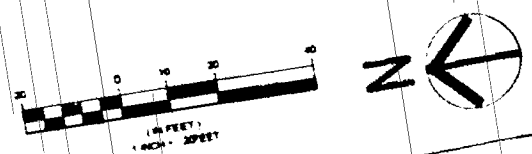
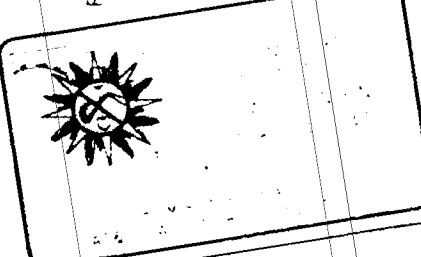
SHEET TITLE	
COURTYARD DETAILS	
DATE	08-22-03
DESIGN	M.C. / D.B.
DRAWN	F.X.
SCALE	VARIAS
REVISIONS 1 06-16-03 BUILDING DEPT 2 10-10-03 ADA COMMENTS	
SEAL 	
H-7	7
SHEET	OF



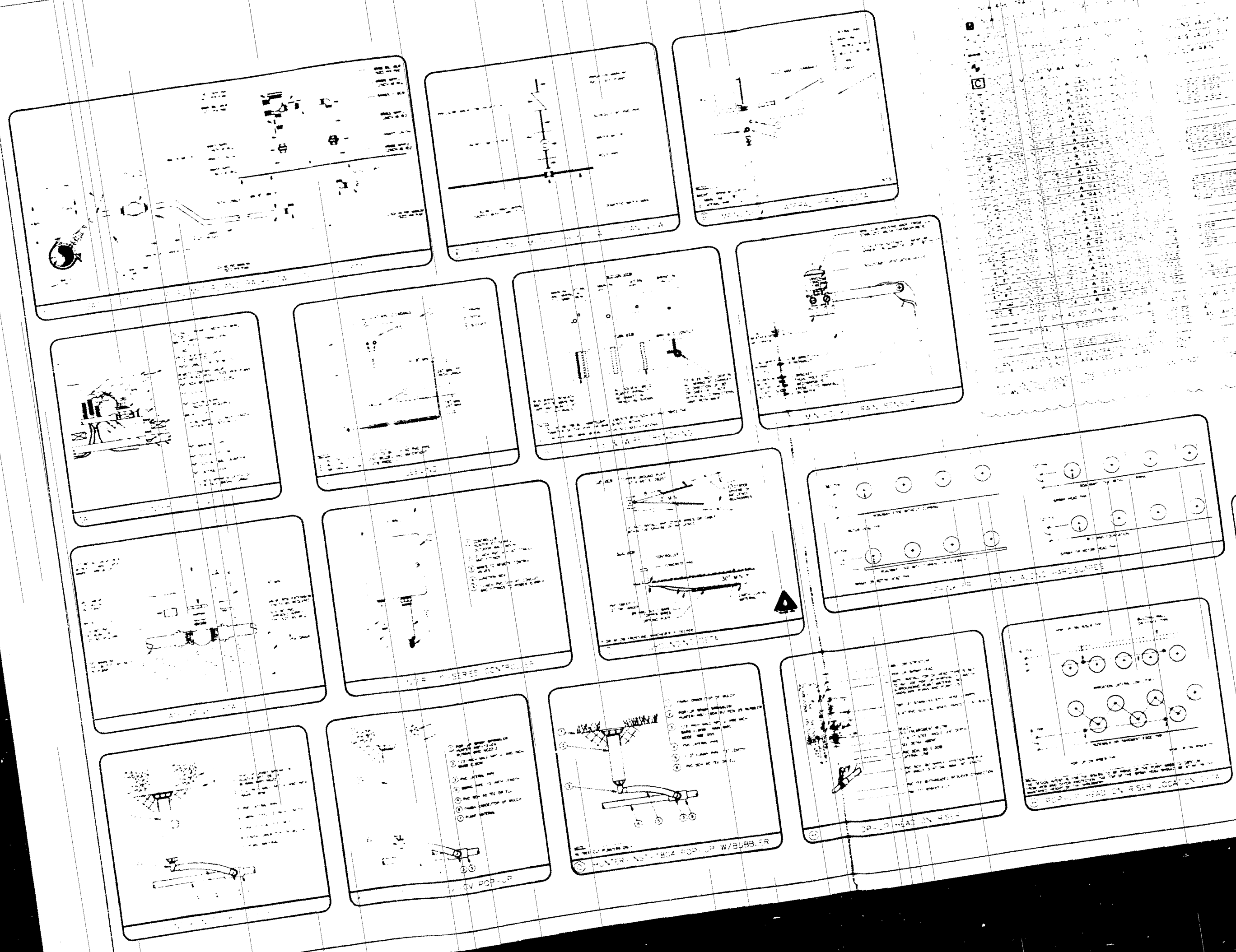
WASSEN CONSULTING
 IRRIGATION CONSULTANT
 1000 S.W. 10TH AVENUE
 MIAMI, FL 33135
 TEL: 305.375.1111
 FAX: 305.375.1112

THE LIDO SPA HOTEL
 40 ISLAND AVENUE
 MIAMI BEACH, FLORIDA

DATE	08-22-03
DESIGN	M.A.W.
DRAWN	B.S.P.
SCALE	1" = 20'
PROJECT NO.	IR-1
SHEET NO.	3



04



420 NW 17th Avenue Suite G
Miami, FL 33135
Phone (305) 441-1001
Fax (305) 441-1002
4225 Crooked Mile Rd
Miami Beach, FL 33149
Phone (305) 441-1001
Fax (305) 441-1002

OFFICE COPY
CITY OF MIAMI
APPROVED FOR RECORD

THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

IRRIGATION DETAILS	
DATE	08-22-03
DESIGN	M.A.W.
DRAWN	B.S.P.
SCALE	NTS
REVISIONS: SEE CHANGE 2 2. 0.144.001.0002	
IR-2	3

Masven Consulting
Irrigation Consultants
1000 NW 17th Avenue
Miami, FL 33135
Phone (305) 441-1001
Fax (305) 441-1002

04

RECEIVED
JAN 10 1964
U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C.

THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

IRRIGATION
NOTES

06-22-03

MAW

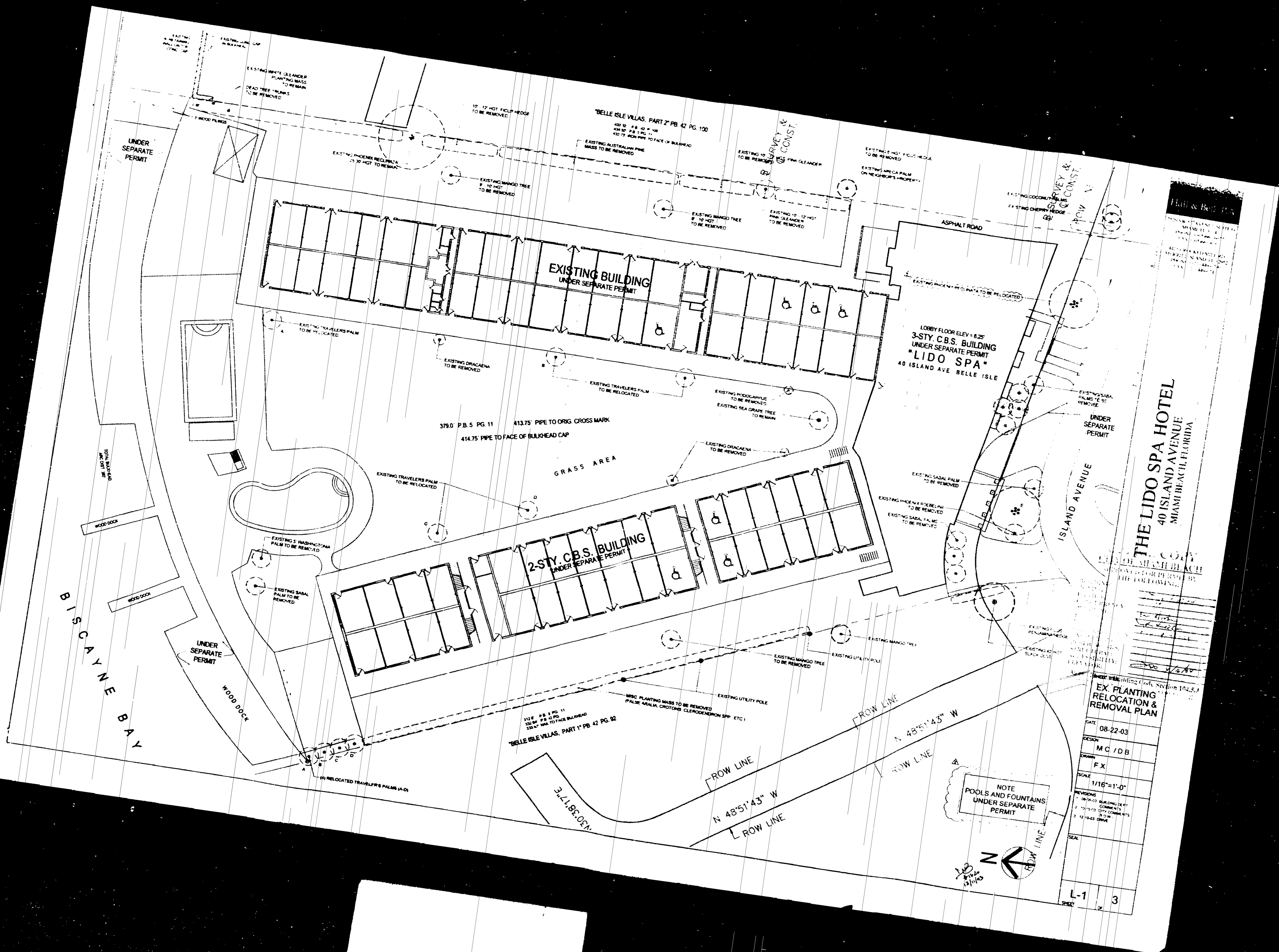
B.S.P

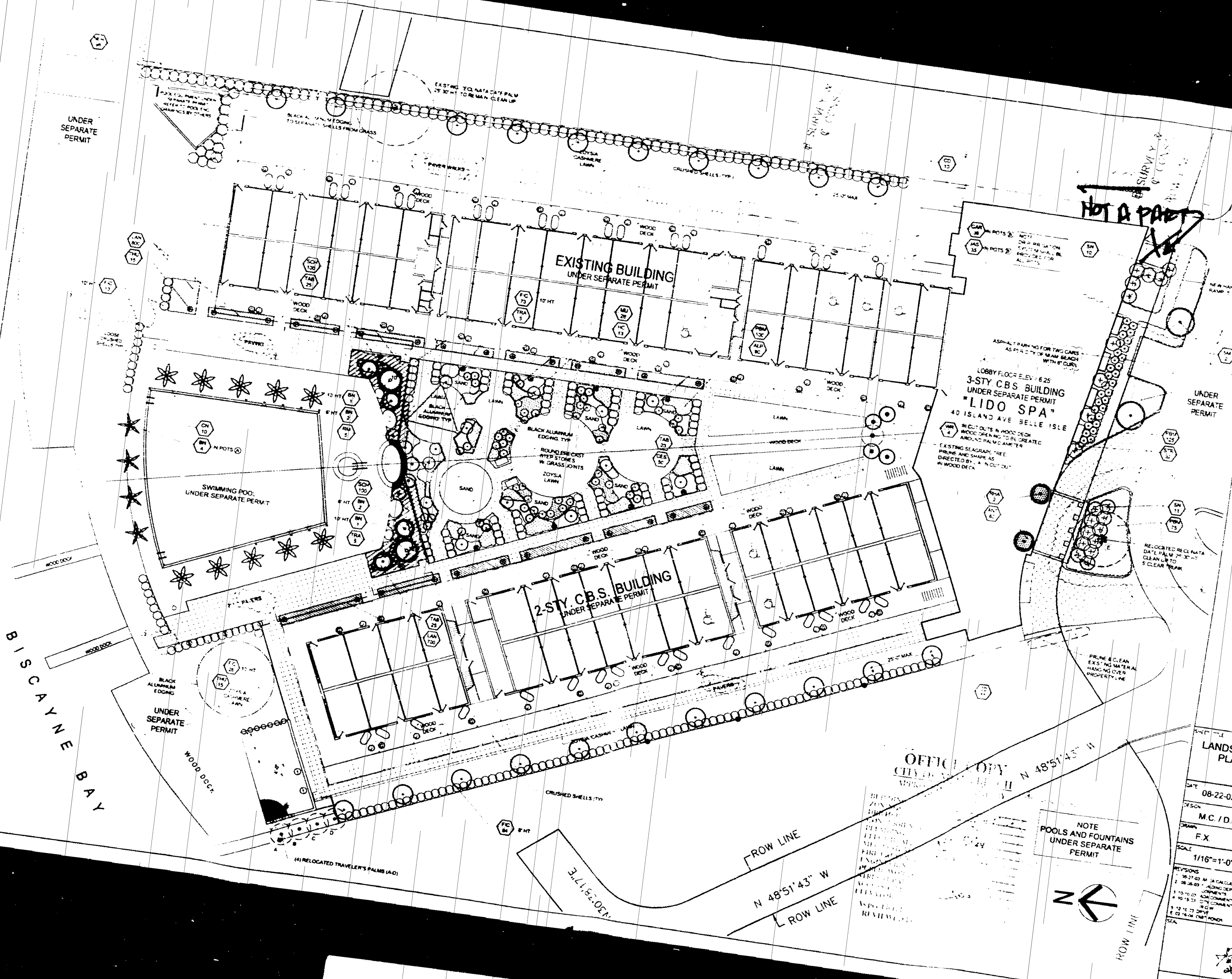
N.T.S

Masuen Consulting
Irrigation Consultant

IR-3 3

044





Hall & Bell
1000 S.W. 1st Ave. Suite 100
Miami, FL 33135
Tel: 305-375-1111
Fax: 305-375-1112

THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

OFFICE COPY
CITY OF MIAMI
WORKSHEET

NOTE
POOLS AND FOUNTAINS
UNDER SEPARATE PERMIT

PROJECT	LANDSCAPE PLAN
DATE	08-22-03
DESIGN	M.C./D.B.
DRAWN	F.X.
SCALE	1/16"=1'-0"
REVISIONS	
1	08-27-03 M.C./D.B. CORRECTIONS
2	09-08-03 F.X. ADJUSTMENTS
3	10-15-03 F.X. CORRECTIONS
4	10-15-03 F.X. CORRECTIONS
5	12-10-03 F.X. CORRECTIONS
6	02-18-04 F.X. CORRECTIONS
SCALE	
L-2	3



GENERAL LANDSCAPE NOTES

- ## GENERAL LANDSCAPE NOTES
- 1 The Contractor shall visit the site prior to submitting his bid in order to familiarize himself with existing conditions and access to existing materials.
 - 2 Bids shall include removal of all existing plants as designated by the Landscape Architect; ground / soil preparation; and installation of new landscape materials.
 - 3 All labor and materials for a complete landscape installation as per specifications and a minimum cover of 2" depth shredded eucalyptus bark mulch. All planted areas shall receive fertilization as per specifications and be free from pests and disease, and shall be healthy, vigorous specimens.
 - 4 All planted areas shall receive fertilization as per specifications and be free from pests and disease, and shall be healthy, vigorous specimens.
 - 5 All plants and areas shall be Florida No. 1 Grade, or better, shall be free from pests and disease, and shall be healthy, vigorous specimens.
 - 6 All planters shall be Florida No. 1 Grade, or better, shall be free from pests and disease, and shall be healthy, vigorous specimens.
 - 7 All planters shall be Florida No. 1 Grade, or better, shall be free from pests and disease, and shall be healthy, vigorous specimens.
 - 8 All planters shall be Florida No. 1 Grade, or better, shall be free from pests and disease, and shall be healthy, vigorous specimens.
 - 9 All planters shall be Florida No. 1 Grade, or better, shall be free from pests and disease, and shall be healthy, vigorous specimens.
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 - 12 All planters shall be Florida No. 1 Grade, or better, shall be free from pests and disease, and shall be healthy, vigorous specimens.
 - 13 All planters shall be Florida No. 1 Grade, or better, shall be free from pests and disease, and shall be healthy, vigorous specimens.
 - 14 All planters shall be Florida No. 1 Grade, or better, shall be free from pests and disease, and shall be healthy, vigorous specimens.
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 - 18 All planters shall be Florida No. 1 Grade, or better, shall be free from pests and disease, and shall be healthy, vigorous specimens.
 - 19 All planters shall be Florida No. 1 Grade, or better, shall be free from pests and disease, and shall be healthy, vigorous specimens.
 - 20 All planters shall be Florida No. 1 Grade, or better, shall be free from pests and disease, and shall be healthy, vigorous specimens.

PLANT LIST				NATIVE		CALIFOR		HEIGHT		ESTIMATED AT MATURITY		CROPY DENSITY QTY	
TREES AND PALMS				YES	NO	YES	NO	INSTALLED	ESTIMATED AT MATURITY	ESTIMATED AT MATURITY	ESTIMATED AT MATURITY	ESTIMATED AT MATURITY	ESTIMATED AT MATURITY
KEY	NEW	EXISTING	DESCRIPTION	YES	NO	YES	NO	INSTALLED	ESTIMATED AT MATURITY	ESTIMATED AT MATURITY	ESTIMATED AT MATURITY	ESTIMATED AT MATURITY	ESTIMATED AT MATURITY
1	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
2	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
3	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
4	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
5	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
6	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
7	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
8	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
9	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
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11	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
12	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
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27	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
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31	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
32	X		Coconut palm					12' H	25' H	15' H	15' H	15' H	15' H
33	X		Coconut palm					12' H	25' H	15' H			

POT SCHEDULE:

DAY	SAT	INFORMATION
A	4	Falls Plaster JA 1928 30' x 30' area BY JACKSON POT BRIDGE MAINT. SHORT FALLS PLASTER AND STONE BY JEFFREY POT BRIDGE MAINT.
B	7	APPROX 400 BRIDGE MAINT (CITY) 764-7171



Site Square Footage Calculations	
Greenspace:	23
Native Shade Trees	29
Palm	4891 S.F.
Hedge S.F.	6718 25 S.F.
Groundcover	11691 04 S.F.
Soil	8364 04 S.F.
Crochted Shells	31682 33 S.F.
Total Greenspace	104114.3 S.F.
Site	
	Greenspace = 38.43% of Site
Paving:	
Pools	4700 31 S.F.
Pool Deck	4905 58 S.F.
Pavers	11856 71 S.F.
Wood Deck	755 47 S.F.
Driveway	1352 64 S.F.
Lily Ponds	400 29 S.F.
Mud Area Floor	649 32 S.F.
Pool Ec	472 72 S.F.
Existing Wood Deck	



THE R. MILLER
700 SOUTH CENTRAL STREET
MIAMI, FL 33134
PHONE 1-800-644-1111
FAX 305-665-5743

4425 CROOKED WALK
MERRITT ISLAND, FL 32952
PHONE 1-813-244-0100
FAX 1-813-244-0745

THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

OFFICE COPY
CITY OF MIAMI BEACH

LANDSCAPE
DETAILS

DATE 08-22-03

DESIGN
M.C./D.

F.X.

N.T.S.

REVISIONS

1	08-05-03	BUILDING DEPT COMMENTS
2	10-15-03	CITY COMMENTS (RED W)
3	12-10-03	OWNER
4	02-18-04	OWNER POWER

SEA

L-3

041

BISCAYNE BAY

BELLE ISLE VILLAS, PART 2, PG 42 PG 100
432 32' P.B. 42 P. 100
433 12' P.B. 42 P. 100
433 17' P.B. 42 P. 100

2-STY. C.B.S. BUILDING

LOBBY FLOOR ELEV. = 6.25
3-STY. C.B.S. BUILDING
"LIDO SPA"
40 ISLAND AVE. BELLE ISLE

212' P.B. 42 P. 100
332' P.B. 42 P. 100
332' P.B. 42 P. 100
BELLE ISLE VILLAS, PART 1, PG 42 PG 92

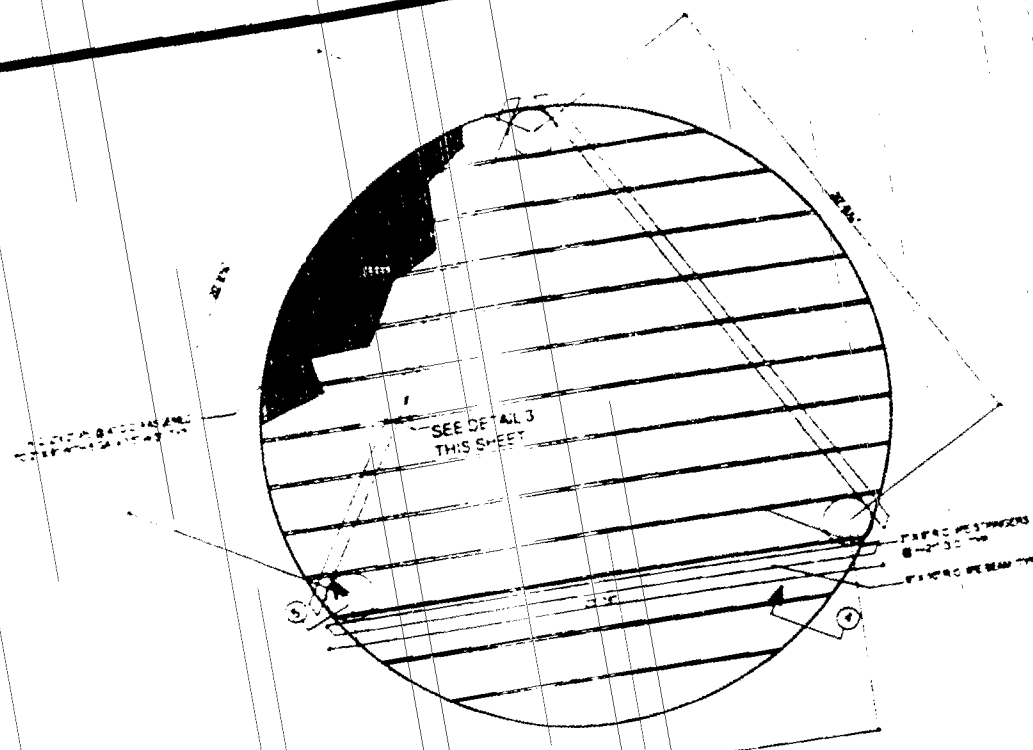
SOIL STATEMENT
ACCORDING TO WINGERTER LABORATORIES INC.
THE SOILS ANALYZED AT THIS SITE YIELDED A RECOMMENDED
BEARING VALUE OF 800 PSF. SEE ATTACHED REPORT #03-1327
DATED JUNE 10, 2003

DONALD W. SHACKELFORD P.E.
STRUCTURAL ENGINEER PE 24803
2010 SW 10TH ST. Miami, FL 33133
Telephone: 305.271.9040, Fax: 305.271.1210

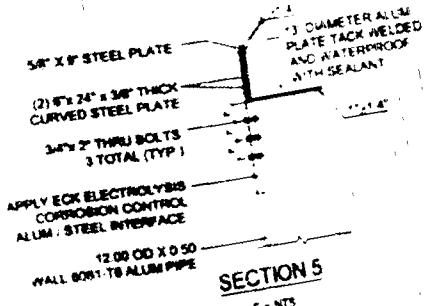
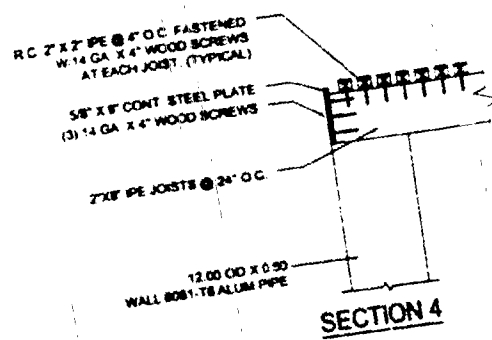
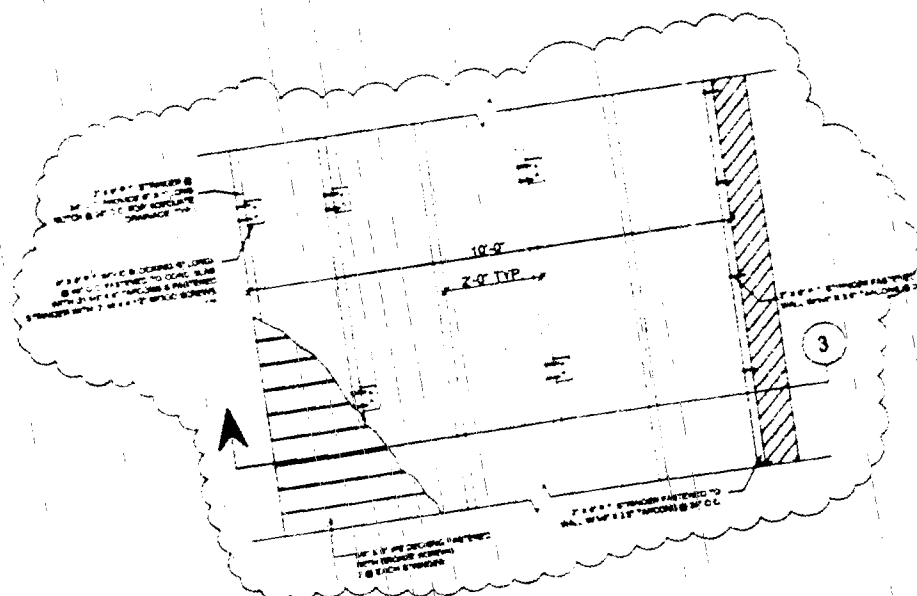
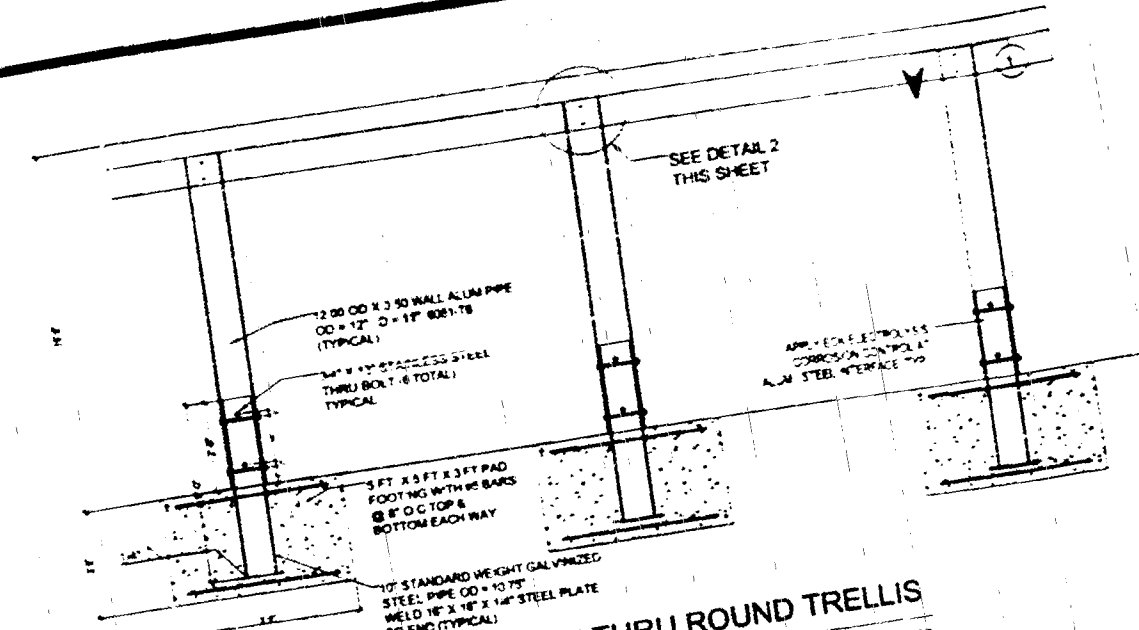
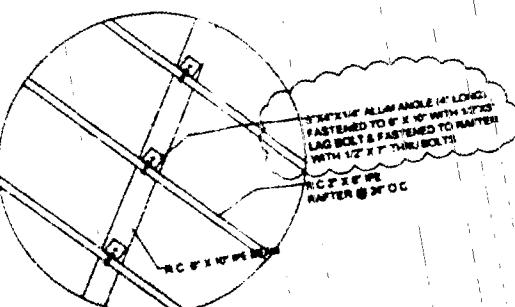
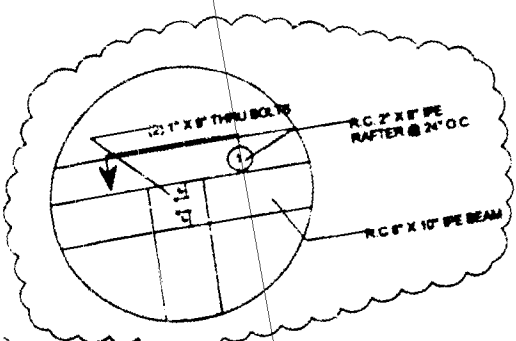
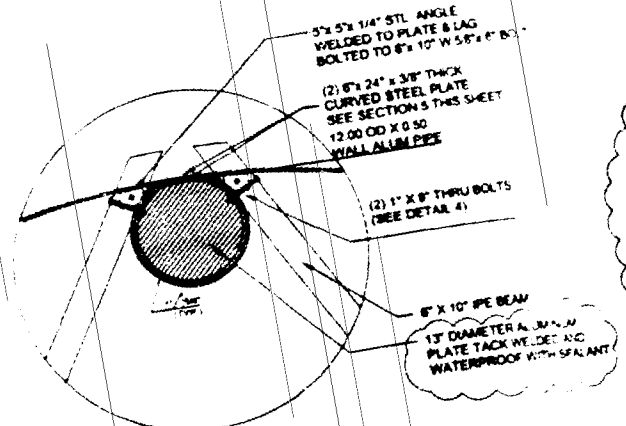
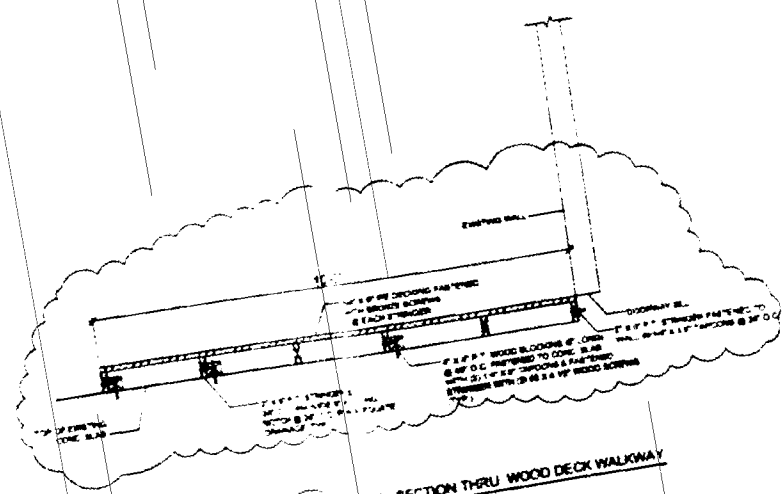
THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

LIDO SPA
TM
DWS
1. LIDO
1" = 1'-0"
S-1

04



1 PLAN VIEW ROUND TRELLIS
SCALE: 1/4" = 1'-0"



OFFICE COPY
CITY OF MIAMI
APPROVED FOR PERMIT BY
THE FOLLOWING:
BUILDING
ZONING
DRAINAGE
CONCURRENCY
PLUMBING
ELECTRICAL
MECHANICAL
FIRE PREVENTION
ENGINEERING
PUBLIC WORKS
STRUCTURAL
ACCESSIBILITY
ELEVATOR

THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

LIDO SPA
TM
DWC
3-LIDO
AS SHOWN
S-3

DONALD W. SHACKELFORD P.E.
STRUCTURAL ENGINEER PE 24803
7810 SW 80th ST. Miami, FL 33143
Telephone 305-271-8040 Fax 305-272-1210

5" CONCRETE SLAB WITH
5x6 - W1.4 X W1.4 WIRE MESH
(TYPICAL)

FILLED CELLS W/1/8" BAR
@ 32" O.C.

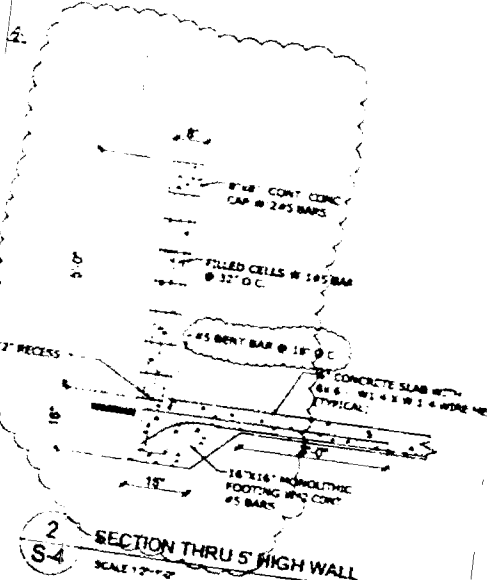
1
S-4 FOUNDATION PLAN FOR MUD TREATMENT AREA
SCALE: 1/2"=1'-0"

EXISTING WOOD RAILING AND POSTS
8"x3/4" LAG BOLT
COUNTER SUNK 1" @ 24"
O.C.
4"x4" WOODEN CURB AROUND
PERIMETER

DOVEL 1/8" BAR 1" & SET IN EPOXY
INTO EXISTING BLU/DEAD @ 24" O.C.

8"x8" CONCRETE CAP
WITH 2x8 BARS BUILT UP
TO TOP OF SEA WALL
EXISTING SEA WALL

3
S-4 SECTION THRU DOCK / SEA WALL - NE CORNER
SCALE: 1/2"=1'-0"



GENERAL STRUCTURAL NOTES

1. ALL CONCRETE TO BE 3,000 PSI & BE PLACED WITHIN 90 MINUTES FROM BATCHING.
2. PROVIDE 3" CONCRETE COVER FOR ALL CONCRETE EXPOSED TO EARTH. PROVIDE 1" CONCRETE COVER FOR ALL CONCRETE EXPOSED TO WEATHER.
3. ALL REINFORCING STEEL TO BE A6032 DEFORMED BARS.
4. BLOCK WALLS ARE 8" MIN. CHL AND SHALL HAVE A MINIMUM FACE SHELL THICKNESS OF 1 1/4". A MINIMUM WEB THICKNESS OF 1" CONFORMING TO THE STANDARD SPECIFICATIONS FOR HOLLOW LOAD-BEARING CMU'S. CONCRETE MASONRY AVERAGE COMPRESSIVE STRENGTH F_m = 1,500 PSI.
5. FILLED CELLS TO BE 3,000 PSI CONCRETE AND MATERIALS TO BE USED SHALL BE OF TYPE M OR S (MIN 2,800 PSI) ALL MORTARS PLASTIC MIX HAVING A MAXIMUM SLUMP OF 9" @ 27°.
6. ALL 2", 3", 4" & 6" DIAMETER BOLTS TO BE A307 WITH 1/4" WASHERS.
7. ALL TIMBER MEMBERS IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED.
8. ALL JOISTING & FRAMING MEMBERS TO BE 1/2" MIN. THICKNESS.
9. ALL STEEL MEMBERS TO BE GALVANIZED OR S.S. (AS SPECIFIED).
10. ALL ALUMINUM MEMBERS TO BE 6061 T6.
11. WELDS TO BE E70XX HYDROGEN WELDS.
12. ALL DISSIMILAR METAL CONNECTIONS TO BE TREATED WITH ECK (ELECTROLYSIS CORROSION CONTROL) OR A.P.
13. WIND LOADING AS PER ASCE 7-90, 140 MPH.

SHOP DRAWINGS REQUIRED

3" DIAMETER STAINLESS STEEL
O.D. = 3.5"

SWINGING BENCH TO BE
SELECTED BY OWNER

38" DIAMETER X 36" DEEP PAD
FOOTING WRAPPED IN (2) LAYERS
OF 6 X 6 - W1.4 X 1.4 WIRE MESH
(TYPICAL)

5" X 5" X 1/4" STEEL PLATE
WELDED TO END (TYPICAL)

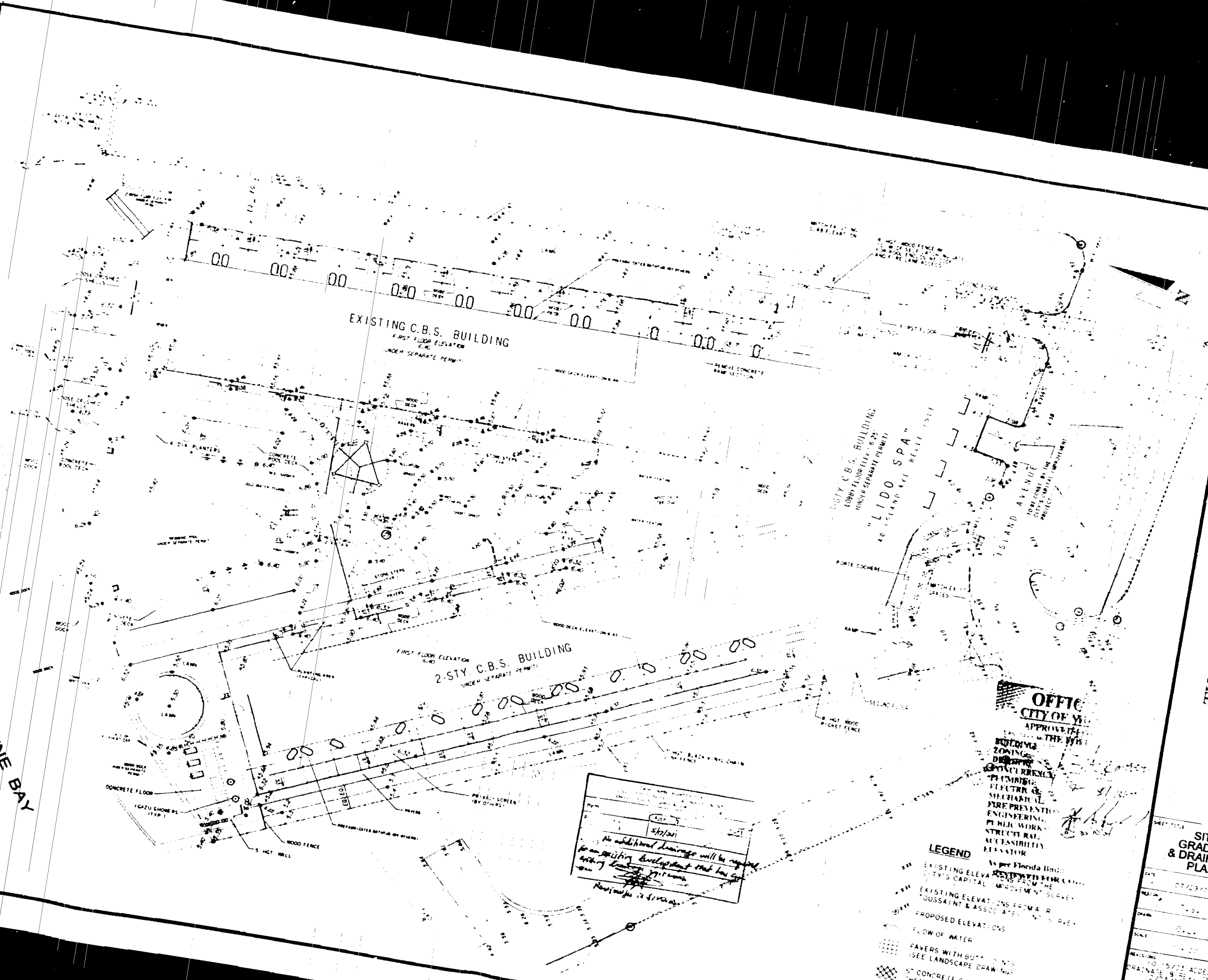
5
S-4 SWING ELEVATION
SCALE: 1/2"=1'-0"

DONALD W. SHACKELFORD P.E.
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THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

LIDO SPA
TM
DWS
44 LIDO
AS SHOWN
S-4

BISCAYNE BAY



DAVID PLANNER & ASSOCIATES, INC.
1001 N.W. 10th Ave., Suite 200
Miami, Florida 33136
Tel: 305-371-1111
Fax: 305-371-1112

THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

OFFICE
CITY OF MIAMI
APPROVED
DATE: 07/23/02

REQUIREMENTS
ZONING
DEVELOPMENT
PERMITS
PLUMBING
ELECTRICAL
MECHANICAL
PREPARED BY
ENGINEERING
PUBLIC WORKS
STRUCTURAL
ATTENDING
ELEVATION

LEGEND

- EXISTING ELEVATION
- CITY'S CAPITAL IMPROVEMENT SURVEY
- EXISTING ELEVATIONS FROM A. R. MOUSSAINT & ASSOCIATES, INC.
- PROPOSED ELEVATIONS
- FLOW OF WATER
- PAVERS WITH BUTT JOINTS (SEE LANDSCAPE DRAWING)
- 5" CONCRETE SLAB WITH CHEMICAL STAIN IN THE OF COMPACTED SUBGRADE

SITE GRADING & DRAINAGE PLAN

DATE	07/23/02
BY	DP
CHECKED	DP
DATE	07/23/02
REVISION	NO. 1 - 5/21/02 ADDED DRAINAGE & 6" GRADINGS
	NO. 2 - 7/14/02 ADDED 6" GRADINGS
	NO. 3 - 7/14/02 ADDED 6" GRADINGS
	NO. 4 - 7/14/02 ADDED 6" GRADINGS
	NO. 5 - 7/14/02 ADDED 6" GRADINGS
	NO. 6 - 7/14/02 ADDED 6" GRADINGS
	NO. 7 - 7/14/02 ADDED 6" GRADINGS
	NO. 8 - 7/14/02 ADDED 6" GRADINGS
	NO. 9 - 7/14/02 ADDED 6" GRADINGS
	NO. 10 - 7/14/02 ADDED 6" GRADINGS

C-1 5

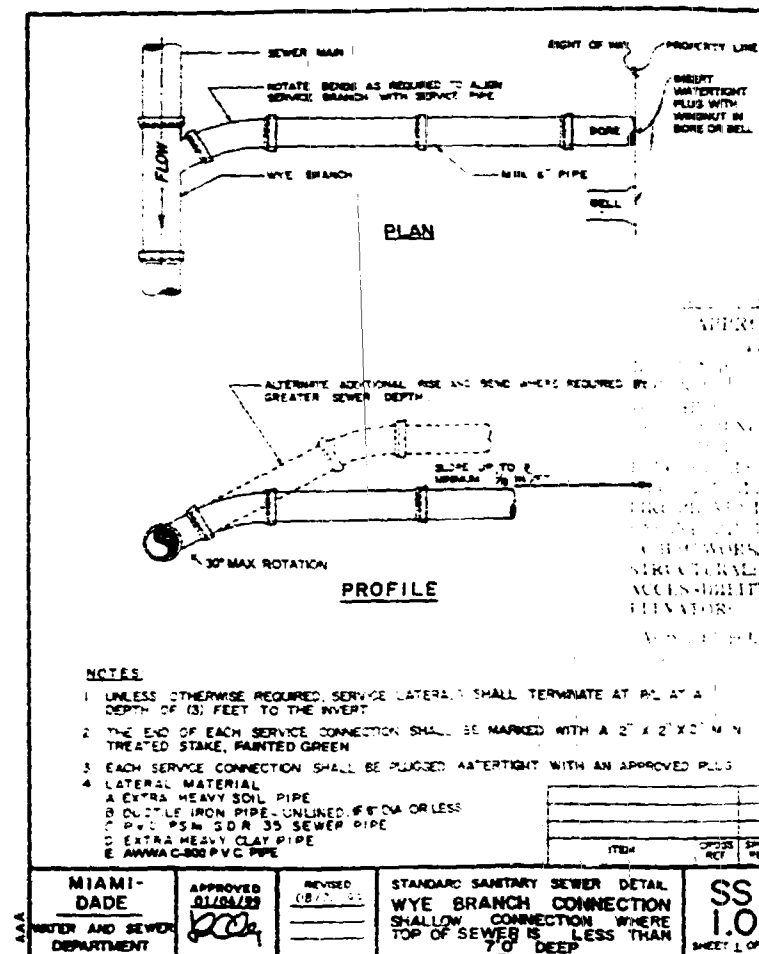
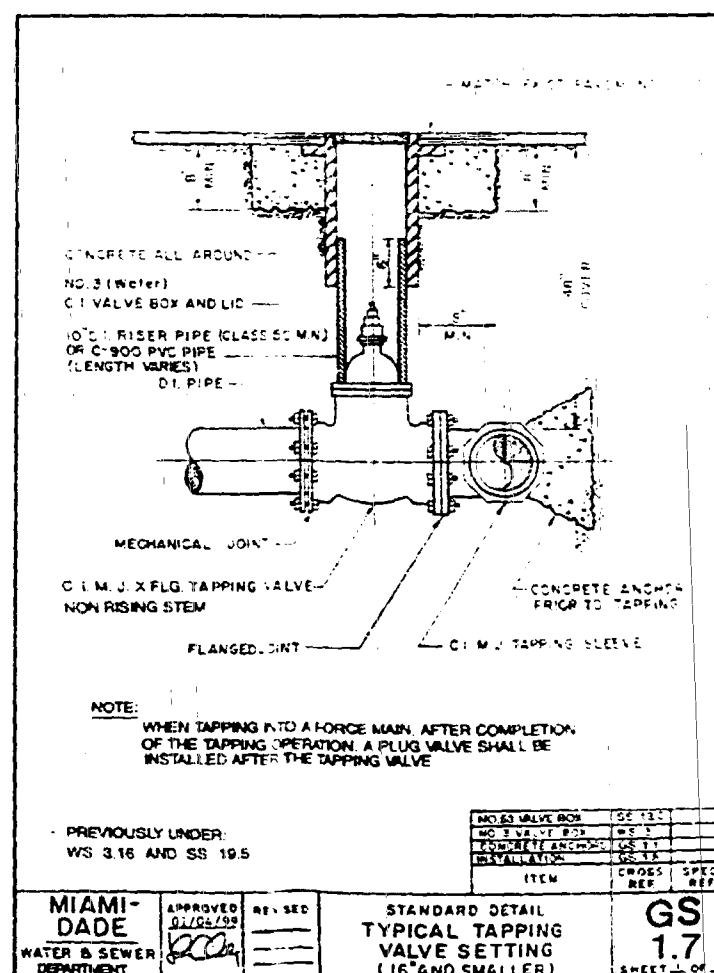
04

GENERAL NOTES AND SPECIFICATIONS

1. ALL MATERIALS AND LABOR FOR THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE SPECIFICATIONS & STANDARDS OF THE CITY OF MIAMI BEACH, FLORIDA, EXCEPT AS NOTED OTHERWISE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL LOCATIONS, DIMENSIONS, DEPTHS AND THE LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE LOCATIONS SHOWN ON THE PLANS ARE NOT GUARANTEED AND ARE SUBJECT TO CORRECTION BY THE KNOWN UTILITIES.
3. THE CONTRACTOR SHALL NOTIFY THE CITY AND THE PROJECT ENGINEER, AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION AND BEFORE ANY TAPPING.
4. WHERE THE WATER MAIN AND/OR THE SEWER MAIN WITH LESS THAN 18" OF VERTICAL SEPARATION, OR UNDER THE SEWER MAIN, REGARDLESS OF VERTICAL SEPARATION, THE SEWER MAIN SHALL BE CONSTRUCTED OF 12" DIA. 1500 PIPE, WITH A 20-FOOT LENGTH OF PIPE CENTERED UNDER THE WATER MAIN SO THE JOINTS ARE AS FAR AS POSSIBLE FROM THE POINT OF CROSSING.
5. A HORIZONTAL DISTANCE OF 18" MINIMUM SHALL BE MAINTAINED BETWEEN WATER AND SEWER MAINS.
6. AFTER INSTALLATION, CLEANING, TESTING AND REPAIRS SHALL BE DONE AS PER CITY STANDARDS.
7. AS-BUILT DRAWINGS TO BE PROVIDED BY A LAND SURVEYOR REGISTERED TO PRACTICE IN THE STATE OF FLORIDA. THE AS-BUILT DRAWINGS MUST BE SUBMITTED TO AND ACCEPTED BY THE CITY AND THE PROJECT ENGINEER PRIOR TO FINAL CERTIFICATION BY THE ENGINEER OF RECORD.
8. SURFACE RESTORATION, PAVEMENT REPLACEMENT, SIDEWALK REPLACEMENT, TRENCH BACKFILLING AND COMPACTION SHALL COMPLY TO THE LATEST STANDARDS AND SPECIFICATIONS AS SET FORTH BY THE CITY OF MIAMI BEACH PUBLIC WORKS DEPARTMENT.
9. CONTRACTOR SHALL CONTACT THE CITY AND THE PROJECT ENGINEER FOR REQUIRED PRE-CONSTRUCTION MEETING AT THE SITE.
10. WORK PERFORMED UNDER THIS PROJECT WILL NOT BE CONSIDERED AS COMPLETE UNTIL FINAL ACCEPTANCE BY THE CITY, AND UNTIL THE FOLLOWING DOCUMENTS ARE RECEIVED AND APPROVED BY THE CITY AND THE PROJECT ENGINEER:
 1. EASEMENT, IF REQUIRED.
 2. CONTRACTOR'S WAIVER AND RELEASE OF LIEN.
 3. ABSOLUTE BILL OF SALE.
 4. DEVELOPER'S CONTRACT COPY.
 5. AS-BUILT DRAWINGS 4" X 10" WITH 24" X 36" SHOWING SPECIFIC LOCATIONS, DEPTHS, ETC. OF ALL SEWER FACILITIES AS LOCATED BY A LICENSED SURVEYOR, ALONG WITH 6 COPIES OF AS-BUILT DRAWINGS WHICH HAS BEEN SIGNED AND SEALED BY A REGISTERED SURVEYOR, AND ENDORSED BY THE CONTRACTOR.
11. THE CONTRACTOR MUST SUBMIT SETS OF SHOP DRAWINGS OF ALL MATERIALS FOR ENGINEER'S APPROVAL BEFORE ORDERING.
12. DISPOSE OF SURPLUS MATERIALS IN AN APPROVED MANNER, AND LEAVE SITE CLEAN AND READY FOR USE.
13. SPECIFIC REQUIREMENTS:
 1. CONNECTION TO EXISTING PIPE: MAY BE MADE WATER & SEWER DEPARTMENT (WASD) STANDARD DETAIL SS 10 FOR WATER AND (WSA) STANDARD DETAIL G.S. 17 FOR FIRE SERVICE.

THE FOLLOWING ARE REQUIREMENTS PER DEPARTMENT OF HEALTH

1. STORM DRAINAGE LINES ARE TREATED THE SAME AS SANITARY DRAINAGE LINES. EXFILTRATION CHANNELS/TRENCHES ARE EXEMPTED.
2. MINIMUM 6 FEET HORIZONTAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES IS REQUIRED. IF UNABLE TO MAINTAIN MINIMUM SEPARATION, EACH PIPE SHALL BE SLEEVED WITH A MINIMUM 8 INCHES VERTICAL SEPARATION.
3. FORCE MAINS MUST HAVE AN 8 INCHES VERTICAL SEPARATION FROM WATER LINES, NO EXCEPTIONS.
4. SEWER LINES INCLUDING LATERALS, MUST HAVE 8 INCHES VERTICAL SEPARATION BETWEEN WATER MAINS AND/OR 6 INCHES MINIMUM CLEARANCE IF SEWER LINE IS OVER STORM DRAINAGE LINES ARE EXEMPT. IF OVER WATER MAIN SEPARATION OF 6 INCHES IS MAINTAINED AND BOTH PIPE HAVE JOINTS WITHIN 6 FEET OF INTERSECTION.
5. SEWER LATERALS (SERVICE) SHALL HAVE 8 INCHES CLEARANCE FROM WATER MAIN.



DAVE PLUMMER & ASSOCIATES, INC.
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 Miami, Florida 33135
 Phone: (305) 255-4444
 Fax: (305) 255-4445

MIAMI BEACH
 LIDO SPA HOTEL
 40 ISLAND AVENUE
 MIAMI BEACH, FLORIDA

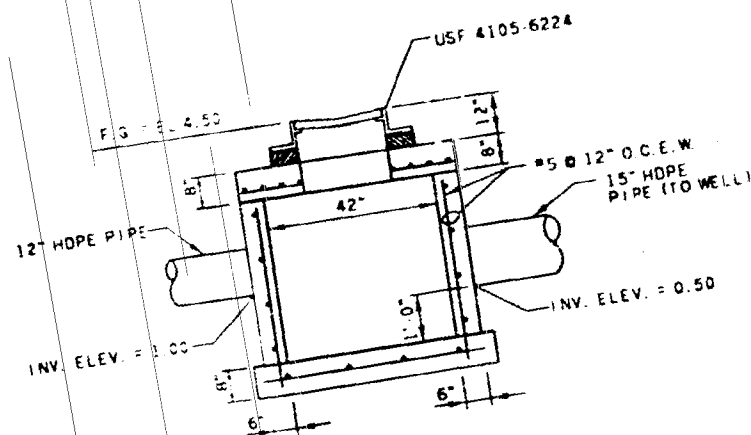
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GENERAL NOTES AND SPECIFICATIONS

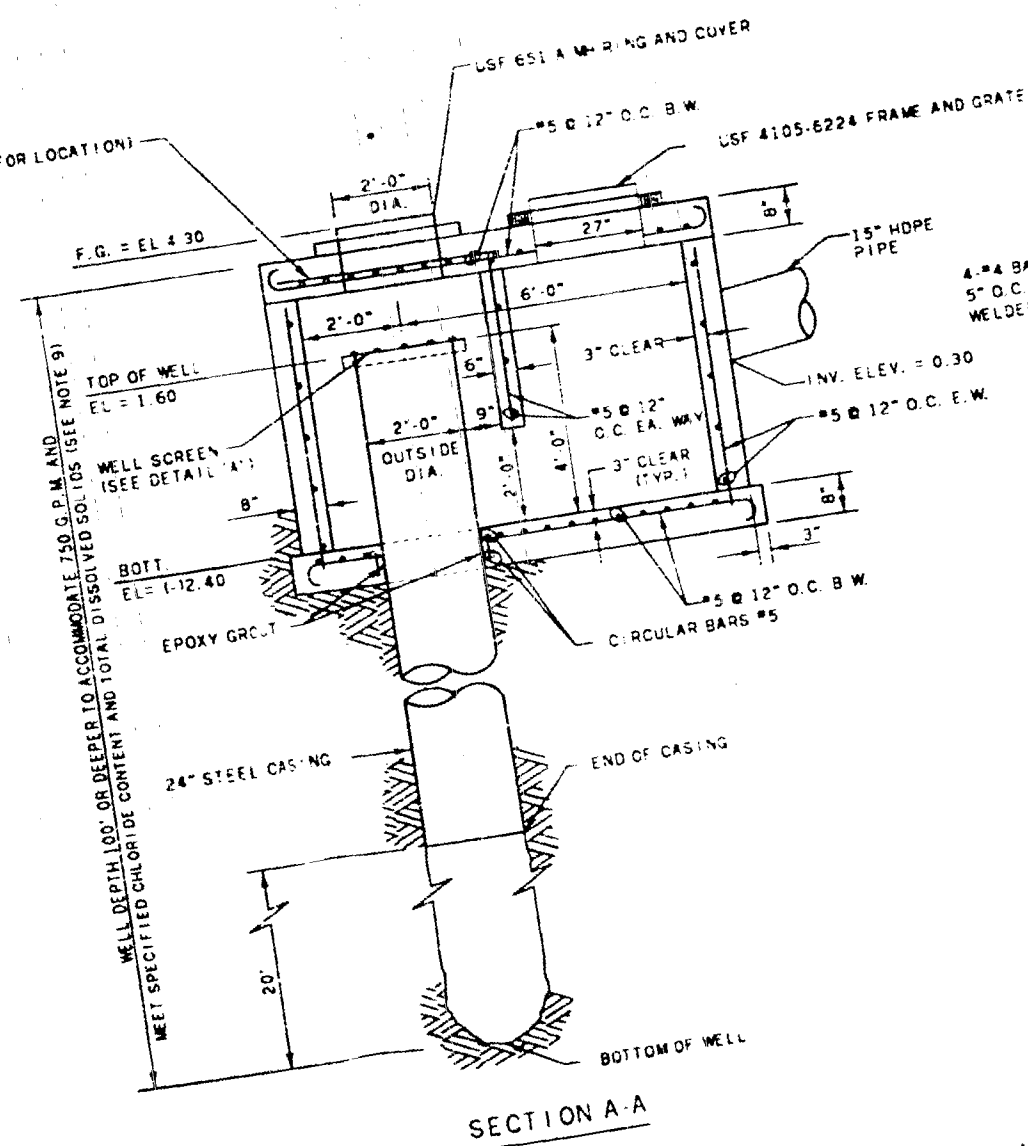
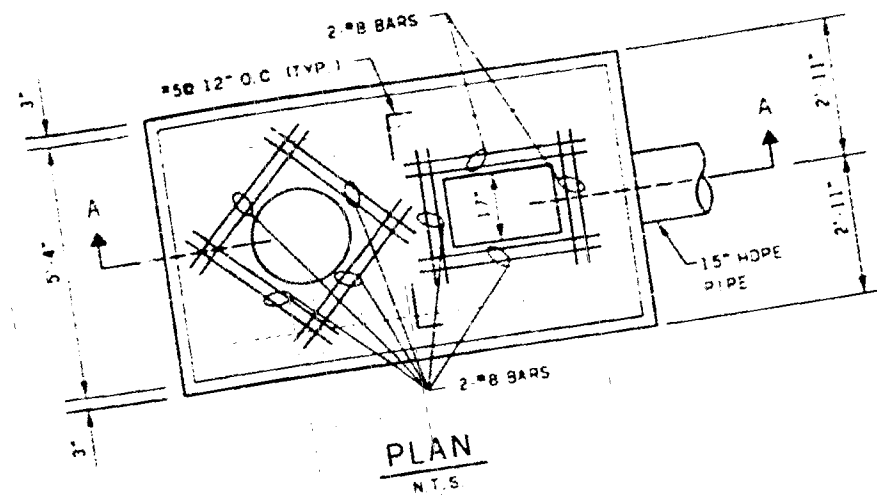
DATE: 10/30/03
 DESIGN: T.S.
 DRAWN: D.L.
 SCALE: N.T.S.
 REVISION:
 [Signature]
 10-23-03
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CATCH BASIN AND DRAINAGE WELL NOTES:

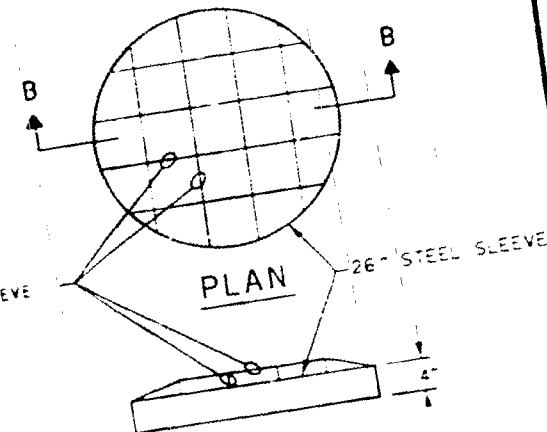
1. CONCRETE SHALL BE 4000 PSI 28 DAYS TYPE II CEMENT
2. WALLS TO BE CONSTRUCTED OF REINFORCED CONCRETE. CONCRETE MAY BE EITHER CAST-IN-PLACE OR PRECAST
3. ALL REINFORCING STEEL SHALL BE NEW BARS IN ACCORDANCE WITH ASTM A-615 GRADE 60
4. MANHOLE TOP SHALL BE SECURED TO STRUCTURE WITH A MINIMUM OF 6 NO. 5 BARS 12" LONG OR AS SHOWN IN THE SUPPLEMENTARY DETAILS FOR MANHOLES & INLETS
5. ALL STEEL BARS HAVE 3" MIN. V.V. COVER UNLESS OTHERWISE SHOWN AND SHALL BE HOOKED WHERE INDICATED. HORIZONTAL STEEL SHALL BE LAPPED A MINIMUM OF 24 BAR DIAMETERS AT CORNERS. FLOOR SLABS MUST BE SECURED TO STRUCTURE WALLS BY NO. 5 DOWEL BARS (A MINIMUM OF 6 DOWELS) PUSHED INTO THE WET CONCRETE AFTER THE FLOOR SLAB IS PLACED.
6. FOR SUPPLEMENTARY DETAILS SEE MANHOLES & INLETS DETAIL, FOOT INDEX 200, 201 & 214
7. CATCH BASINS SHALL HAVE A MIN. V.V. INSIDE DIAMETER OF 42" WITH 6" THICK WALLS.
8. ALL EXISTING AND NEW INLETS AND MANHOLES SHALL BE CLEANED AND FREE OF ALL SAND, SILT AND CONSTRUCTION DEBRIS PRIOR TO PROJECT COMPLETION.
9. A CERTIFIED WELL DRILLER SHALL DEVELOP THE WELL TO A DEPTH AT WHICH THE WATER CONTAINS A MINIMUM OF 10,000 PPM OF TOTAL DISSOLVED SOLIDS AND 1500 PPM OF CHLORIDES.



CATCH BASIN CB-1 DETAIL



DRAINAGE WELL DW-1 DETAIL
N.T.S.



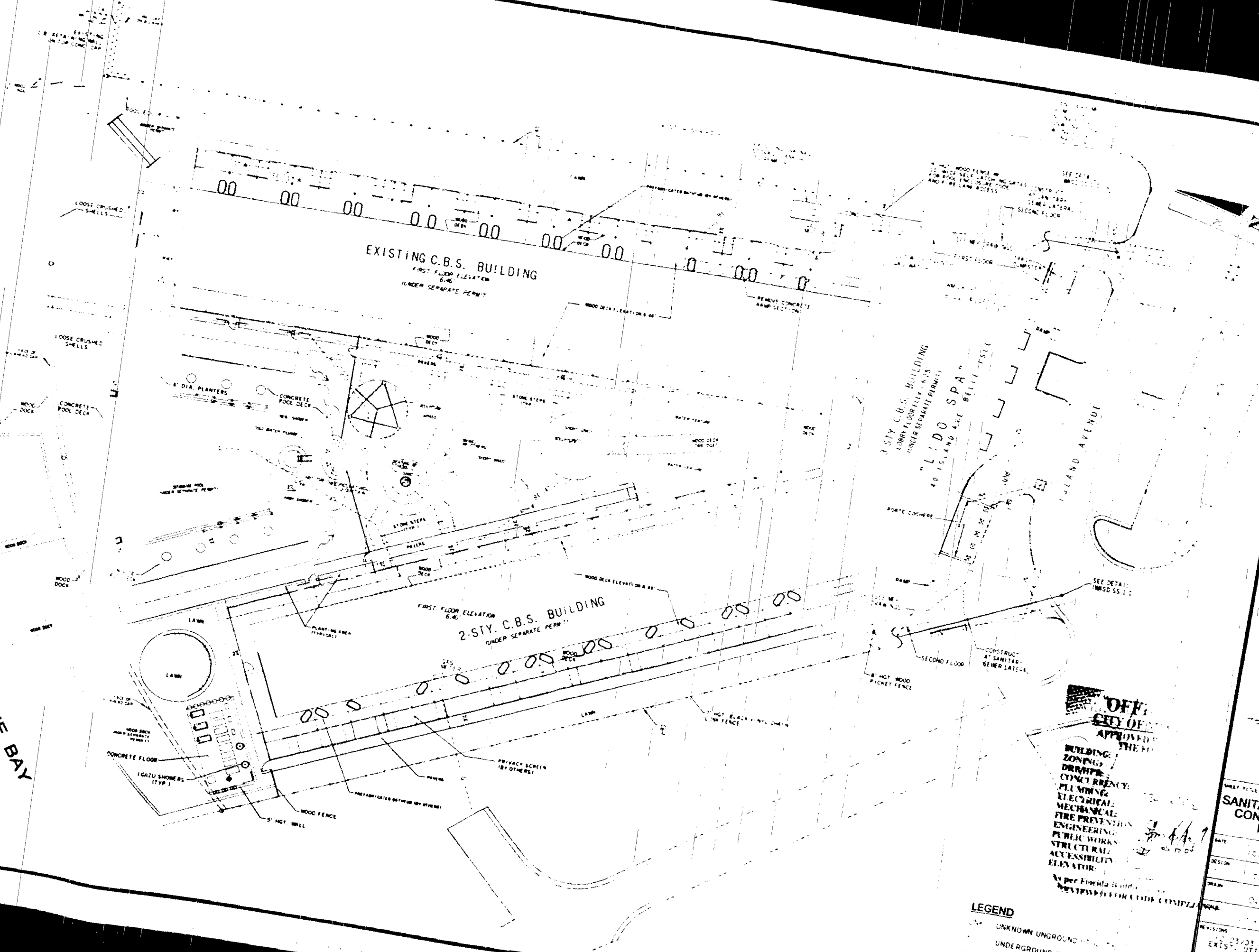
DETAIL 'A'
N.T.S.



THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

DRAINAGE DETAILS	
DATE	07/13/03
DESIGN	T.S.
DRAWN	C.L.
SCALE	N.T.S.
REVISIONS	
NO.	DESCRIPTION
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86	As Shown
87	As Shown
88	As Shown
89	As Shown
90	As Shown
91	As Shown
92	As Shown
93	As Shown
94	As Shown
95	As Shown
96	As Shown
97	As Shown
98	As Shown
99	As Shown
100	As Shown

BISCAYNE BAY



DAVID PLUMMER & ASSOCIATES, INC.
1000 N. MIAMI AVENUE, SUITE 100
MIAMI, FLORIDA 33136
TEL. (305) 371-1111
FAX (305) 371-1112

THE LIDO SPA HOTEL
40 ISLAND AVENUE
MIAMI BEACH, FLORIDA

OFFICE OF THE CITY ENGINEER
APPROVED

BUILDING
ZONING
DRAINAGE
CONNECTION
PLUMBING
ELECTRICAL
MECHANICAL
FIRE PREVENTION
ENGINEERING
PUBLIC WORKS
STRUCTURAL
ACCESSIBILITY
ELEVATOR

As per Florida Building Code
REVIEWED FOR CODE COMPLIANCE

LEGEND

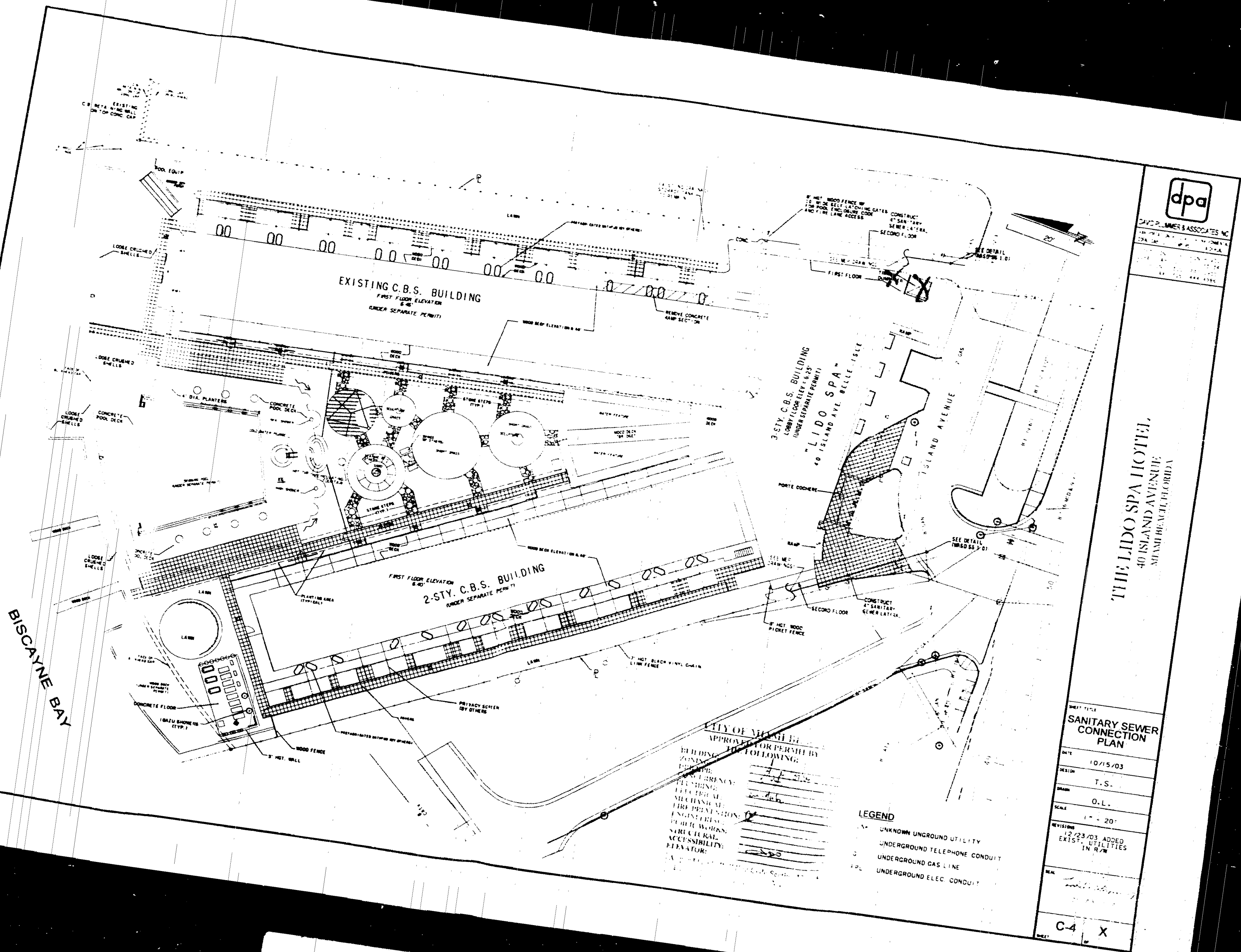
- UNKNOWN UNDERGROUND UTILITIES
- UNDERGROUND TELEPHONE CABLE
- UNDERGROUND GAS LINE
- UNDERGROUND ELECTRIC CABLE

SANITARY SEWER CONNECTION PLAN

DATE	10/15/03
DESIGN	J. S.
DRAWN	D. L.
REVISIONS	1. 10/15/03
2. 10/15/03	ADDED EXIST. UTILITIES
3. 10/15/03	REVISED EAST LATERAL TO 6" DIA.

C-4 5

04



TBD pending client approval

Pool lighting refer to Hall & Bell

Note

1. The drawing is to be read in conjunction with the lighting schedule.
2. All work is to be done in accordance with the lighting schedule.

01 - Landscape

02 - Lighting

03 - General notes and details

OFFICE COPY
GENERAL NOTES

Handwritten signature

GENERAL INFORMATION ONLY	
DATE	10/10/10
PROJECT	10/10/10
CLIENT	10/10/10
DESIGNER	10/10/10
CONTRACTOR	10/10/10
LOCATION	10/10/10
SCALE	10/10/10
REVISIONS	10/10/10
APPROVED	10/10/10
DATE	10/10/10

BISCAYNE BAY

EXISTING BUILDING

2-STY. C.B.S. BUILDING

3-STY. C.B.S. BUILDING
"LIDO SPA"

ISLAND AVENUE

PROJECT ARCHITECT
ALISON SPEAR, A.I.A.
180 NE 38th St, SUITE 222, MIAMI, FL 33137
305-438-1200 fax 305-438-1221

LIDO SPA HOTEL
SITE LIGHTING - RENOVATION
40 ISLAND AVENUE, MIAMI BEACH, FL 33139

LIGHTING SITE PLAN

- LEGEND - SYMBOLS**
- A. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - B. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - C. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - D. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - E. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - F. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - G. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - H. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - I. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER

- LEGEND - EQUIPMENT**
- 1. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - 2. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - 3. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - 4. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - 5. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - 6. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - 7. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - 8. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - 9. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - 10. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - 11. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER
 - 12. 120' x 172' x 50' 115/230 VAC, 1PH, 3W ELECTRICAL SERVICE TO CONTROLLER

KEY PLAN

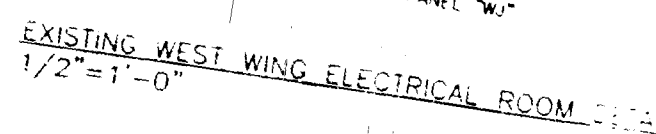


11740 SW 15th Street, Suite 215
Miami, Florida 33175
Tel: (305) 551-1515
Fax: (305) 551-1516
Email: dsandy@earthlink.net
David A. Sandy, P.E. No. 15574
Professional Engineer and
Electrical Engineer

DRAWN BY		C.P.
CHECKED BY		R.J.M.
ISSUES		
NO.	DATE	DESCRIPTION
1		
2		
3		
4		
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7		
8		
9		
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11		
12		

SHEET NO
E-1SL

04



STEEL LADDER
30"x30" ACCESS

PROJECT ARCHITECT

ALISON SPEAR, A.I.A.

180 NE 39th St., SUITE 222 MIAMI, FL 33137
305-438-1200 fax 305-438-1221

SEAL

NOTED BY THE FBI LABORATORY

Language and style features, as
previously discussed, are the primary
property of American English that distinguish
the variety for which they were produced
a more than any "linguistic" or "sty-
listic" features can ever be
regarded as any form and there will be
no need for the present author to offer
evidence to any other grounds for his
attribution to the original person except
by another author, after these two
August 11

LIDO SPA HOTEL
SITE LIGHTING - RENOVATION
40 ISLAND AVENUE, MIAMI BEACH, FL 33139

POOL PUMPS ROOM
AND PANEL SCHEDULE

DRAWN BY _____
CHECKED BY R.J.M.
ISSUES _____

SHEET NO.

E-2SL

PREPARED BY

13780 SW 54th Street Suite 203
Miami, Florida 33177
Tel (305) 383 8899
Fax (305) 383 9929
Email info@ecmag.com
83 Marquardt Pk. Box 35479
Dallas, TX 75245
Professional Electrical Inc.
www.national-electrical.com

04

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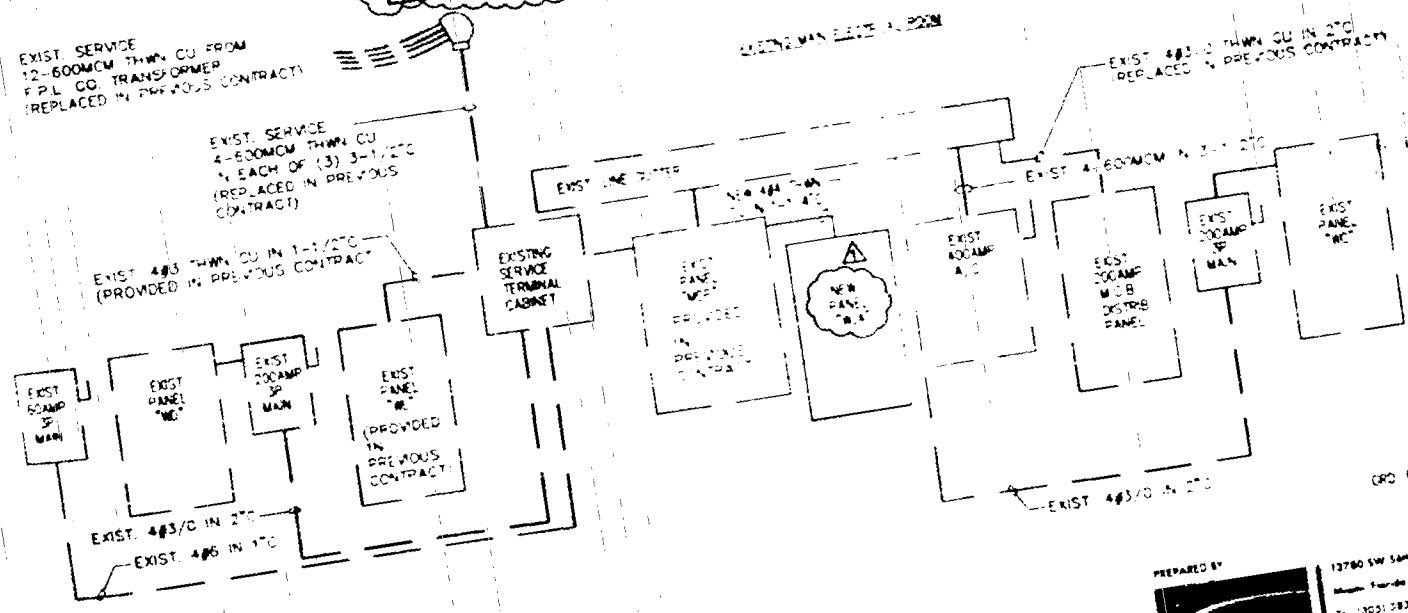
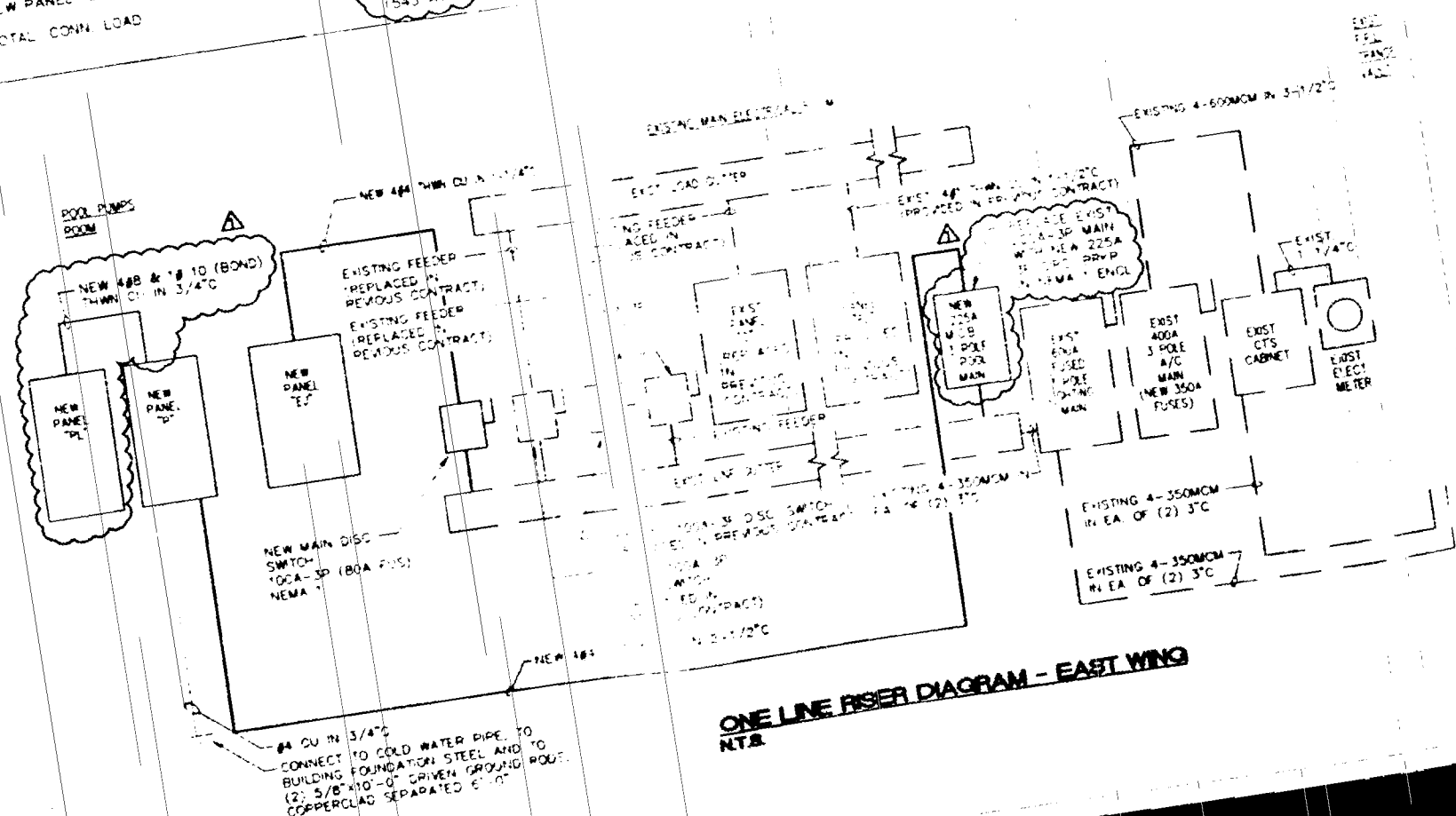
NEW ELECTRICAL PANEL SCHEDULE "PL"
 W.L.O.
 80 AMP
 208Y/120V-3PHASE-3W
 100% C.B.

NO.	DESCRIPTION	W.L.O.	AMP	WIRE	TERMINALS
1	POOL LIGHT	#10 - 1/2"	300	#10 - 1/2"	POOL LIGHT
2	POOL LIGHT	#10 - 1/2"	300	#10 - 1/2"	POOL LIGHT
3	POOL LIGHT	#10 - 1/2"	300	#10 - 1/2"	POOL LIGHT
4	POOL LIGHT	#10 - 1/2"	300	#10 - 1/2"	POOL LIGHT
5	POOL DEC REC	#10 - 1/2"	1,080		SPACE
6	POOL DEC REC	#10 - 1/2"	1,080		SPACE
7	SPACE				SPACE

TOTAL LOAD 6,240 VA
 100% C.B.

* CONTROLLED BY PHOTOCELL THROUGH "DARK" SENSITIVE SWITCH
 ** PROVIDE CIRCUIT BREAKER

LOAD DATA (208Y/120V - 3PH-4W SERVICE) - WEST WING	
EXIST PANEL "HOT" MAIN 1 OF 5	66,634 VA
EXIST PANEL "HOT" MAIN 2 OF 5	90,412 VA
EXIST PANEL "HOT" MAIN 3 OF 5	51,200 VA
EXIST PANEL "HOT" MAIN 4 OF 5	11,090 VA
EXIST PANEL "HOT" MAIN 5 OF 5	12,500 VA
EXIST POOL PUMP MAIN 1 OF 5	333,746 VA
TOTAL WEST WING COIN LOAD	(927 A)



ONE LINE RIBER DIAGRAM - WEST WING
NT&

PROJECT ARCHITECT
ALISON SPEAR, A.I.A.
SUITE 222, MIAMI FL 33137
180 NE 39th St. 305-438-1221
305-438-1200 fax 305-438-1221

PROJECT TITLE
LIDO SPA HOTEL
SITE LIGHTING - RENOVATION
30 ISLAND AVENUE, MIAMI BEACH, FL 33139

ING TITLE

PANEL SCHEDULES
AND RISERS

DE
DRAWN BY CP
CHECKED BY RJM
ISSUES
ISSUE DATE

SHEET NO
E-3SL

1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE FLORIDA ELECTRICAL CODE (FEC).
 2. ALL MATERIALS AND EQUIPMENT SHALL BE NEW, UNLESS OTHERWISE SPECIFIED.
 3. ALL WIRING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE FLORIDA ELECTRICAL CODE (FEC).
 4. ALL ELECTRICAL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
 6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES.
 7. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND FINISHES.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 9. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES.
 10. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND FINISHES.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 12. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES.
 13. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND FINISHES.
 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 15. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES.
 16. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND FINISHES.
 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 18. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES.
 19. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND FINISHES.
 20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 21. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES.
 22. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND FINISHES.

23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 24. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES.
 25. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND FINISHES.
 26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 27. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES.
 28. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND FINISHES.
 29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 30. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES.
 31. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND FINISHES.

32. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 33. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES.
 34. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND FINISHES.
 35. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 36. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES.
 37. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND FINISHES.

PROJECT ARCHITECT
ALISON SPEAR, A.I.A.
 180 NE 38th St, Suite 222, Miami, FL 33137
 305-438-1200 Fax 305-438-1221

NEW ELECTRICAL PANEL SCHEDULE 'EJ'

TYPE	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE
1	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
2	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
3	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
4	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
5	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
6	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
7	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
8	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
9	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
10	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00

NEW ELECTRICAL PANEL SCHEDULE 'WJA'

TYPE	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE
1	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
2	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
3	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
4	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
5	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
6	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
7	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
8	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
9	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
10	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00

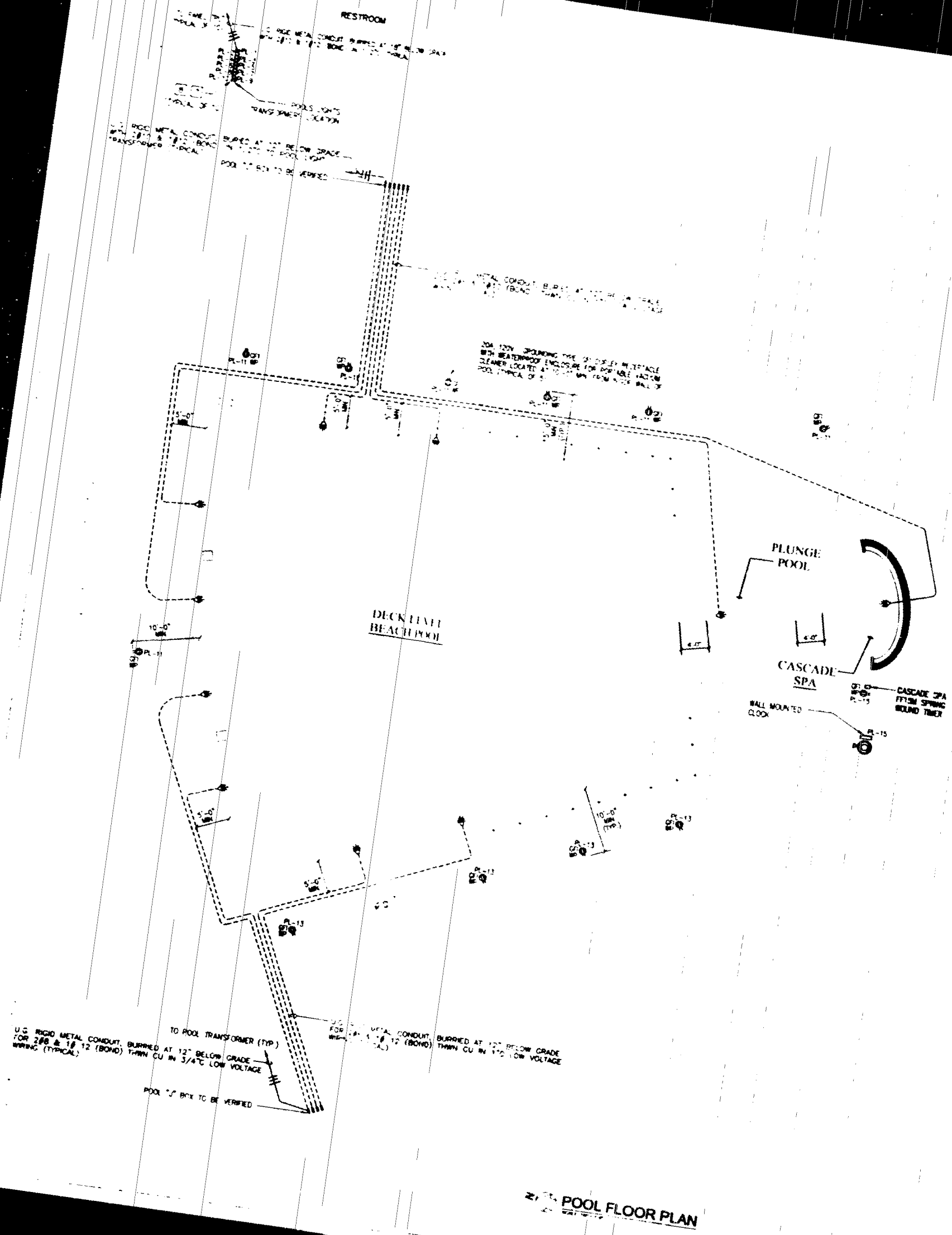
EXISTING ELECTRICAL PANEL SCHEDULE 'MDF'

TYPE	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE
1	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
2	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
3	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
4	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
5	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
6	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
7	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
8	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
9	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00
10	100 AMP 120V/208V-3PHASE-4W	1	1,000.00	1,000.00

PROJECT TITLE
LIDO SPA HOTEL
 SITE LIGHTING - RENOVATION
 40 ISLAND AVENUE, MIAMI BEACH, FL 33139

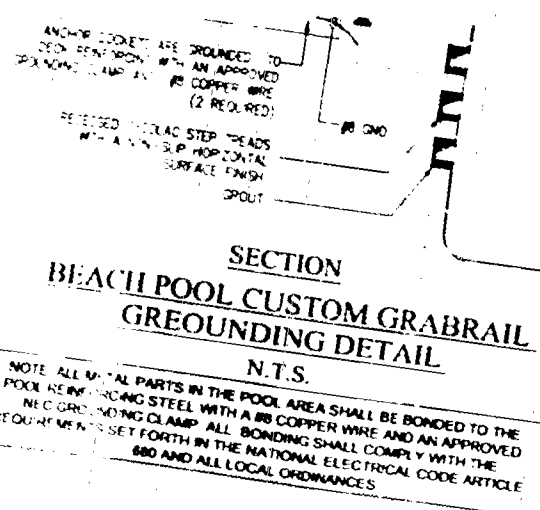
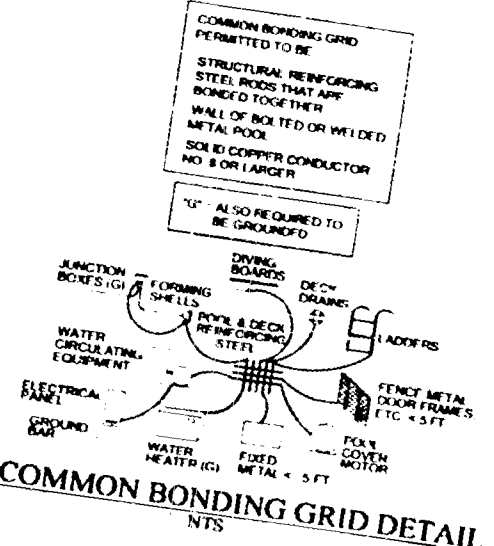
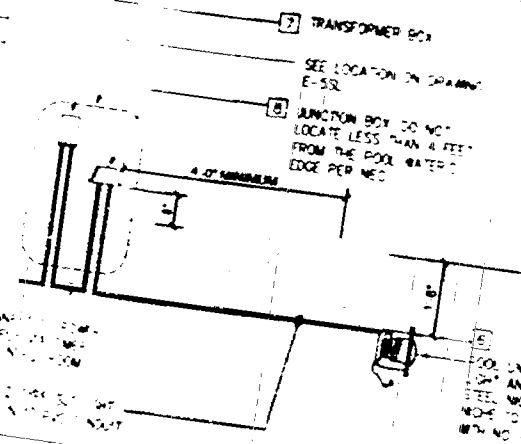
DRAWING TITLE
NOTES AND SYMBOLS

DRAWN BY: C.P.
 CHECKED BY: R.J.M.
 ISSUES: 1
 SHEET NO: E-4SL



BEACH POOL SCHEDULE OF EQUIPMENT

MARK	QTY	ITEM	MFR	DESCRIPTION
1	8	POOL LIGHTS	AMERICAN PRODUCTS	POOL UNDERWATER LIGHT WITH STAINLESS STEEL FACE TWO 300W 120V/240V LOW VOLTAGE AMERICAN PRODUCTS #P-10000 STAINLESS STEEL HOUSING WITH 1/2" DEEP SUBMERGED
2	8	TRANSFORMER BOX		TRANSFORMER BOX IN WEATHER PROOF ENCLOSURE WITH 1/2" DEEP SUBMERGED
3	8	TRANSFORMER BOX		TRANSFORMER BOX IN WEATHER PROOF ENCLOSURE WITH 1/2" DEEP SUBMERGED
4	6	ANCHOR SOCKET	S.P. SMITH	ANCHOR SOCKET IN WEATHER PROOF ENCLOSURE WITH 1/2" DEEP SUBMERGED
5	4	FIXED PUMP	PENTAIR	BRASS SOCKET WITH GROUNDING LUG EACH SOCKET SHALL BE PROPERLY GROUNDING IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE
6	2	HYDROTHERAPY SET PUMP	STA-LITE	1/2" HP SELF PRIMING PUMP WITH A HAP AND LIFT STRAINER 30 GPM AT 50 TDH EACH SINGLE PHASE 230 VOLT
7	1	STREAM SET PUMP	PENTAIR	1/2" HP SELF PRIMING PUMP WITH A HAP AND LIFT STRAINER 180 GPM AT 50 TDH THREE PHASE 220-440 VOLT
8	2	BADU SET PUMP	PENTAIR	1/2" HP SELF PRIMING PUMP WITH A HAP AND LIFT STRAINER 180 GPM AT 50 TDH THREE PHASE 220-440 VOLT



ALISON SPEAR, A.I.A.
180 NE 38th St. SUITE 222 MIAMI, FL 33137
305-438-1200 FAX 305-438-1271

LIDO SPA HOTEL
SITE LIGHTING - RENOVATION
40 ISLAND AVENUE, MIAMI BEACH, FL 33139

NOTES AND SYMBOLS



DRAWING TITLE
DRAWN BY: C.P.
CHECKED BY: R.J.M.
ISSUES
SHEET NO.
E-5SL

UCI ENGINEERING, INC.

PROJECT 0304-053 Pro Name LIDO SPA

DATE 10/14/2003

COMBUSTION AIR CALCULATIONS FOR BOILER AREA

Note: Openings when directly communicating with outdoors through horizontal ducts is equal to 1 sq inch for top and bottom per 2,000 btuh of input rating

Total Water heater(boiler)s gas input rating
(2) Existing water heater (360,000 BTU/Hr)
1 New water heater (299,000 BTU/Hr)
Required Openings (Top & Bottom)

1,019,999 BTUH
510.00 sq inches
3.54 sq ft

NOTE: AHU #1 IS 4800 CFM, WITH SMOKE DETECTOR
AHU #2 IS 1400 CFM, WITHOUT SMOKE DETECTOR
AHU #3 IS 1400 CFM, WITHOUT SMOKE DETECTOR
AHU #4 IS 1400 CFM, WITHOUT SMOKE DETECTOR

NOTE TO REVIEWER
THIS SHEET PROVIDED FOR REFERENCE ONLY
COMBUSTION AIR CALCULATIONS NOT
REQUIRED, WATER HEATING SYSTEM UNDER
SEPARATE PERMIT

GROUND FLOOR - HVAC PLAN

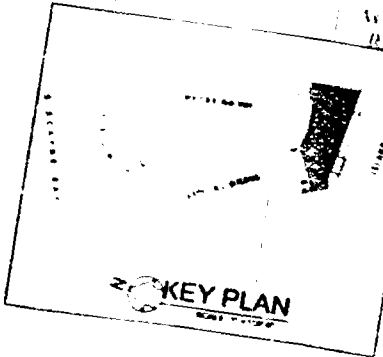
TOP HALF
LOUVERED
DOOR

NOTE: OUTSIDE MOUNTED EQUIPMENT SHALL COMPLY TO FMC 301.13 & FBC CHAP 16
(1619.2) AN ACCEPTABLE APPROACH IS 1/8" STAINLESS CABLES CROSS CONNECT
AND SECURE TO A 4" CONCRETE SLAB. ALTERNATIVELY, HEAVY STRAPS COULD BE
SCREWED TO THE CONCRETE AND SECURED TO THE SLAB. MANUFACTURE DOES NOT
THE EQUIPMENT HOUSING FOR FBC HW42.

NOTE: UNIT MUST BE INSTALLED TO WITHSTAND
150 M.P.H. HURRICANE FORCE WINDS.
(IN ACCORDANCE TO F.B.C.)

EF-3 PROVIDE THERMOSTAT
SET TO 80°F TO OPERATE
FAN ABOVE THIS TEMPERATURE

POOL ROOM DETAIL



PROJECT No 0304-053



DRAWING TITLE
GROUND FLOOR
HVAC PLAN

DRAWN BY M.E.G.
CHECKED BY R.J.M.
ISSUES

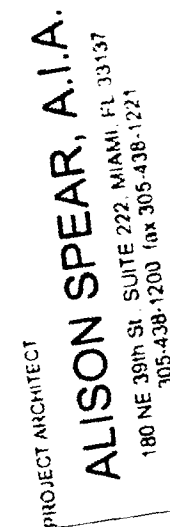
SHEET NO
M-1

PROJECT ARCHITECT
ALISON SPEAR, A.I.A.
180 NE 30th St, SUITE 222, MIAMI, FL 33137
305-438-1200 fax 305-438-1221

PROJECT TITLE
LIDO SPA HOTEL
MAIN BUILDING - RENOVATION
40 ISLAND AVENUE, MIAMI BEACH, FL 33139

SCALE
1" = 1'-0"

PROJECT ARCHITECT



...NOT ARCHITECT

ECT ARCHITECT
ALISON SPEAR, A.I.A.
180 NE 39th St. SUITE 222, MIAMI FL 33137
305-438-1200 fax 305-438-1221

SEAL

DECLASSIFIED BY: 60322 AR 100-10070

"Enclosure will contain the following:
Group records of same - one for each
category of Abuse - 1961, 1962, 1963, 1964
The group's the above three years (1961-1964)
is enclosed and 1965-1966 is not
"Each Enclosure and one is to be
prepared in any form and then are
to be sent to the group's office or
the above for any other records of
activities in the original form
The above is the original form
Enclosure 1

OFFICE
CITY OF MI
APPROVED BY
THE FC

BUILDING
ZONING
URR/HPR
CONCRETE
PLUMBING
ELECTRICAL
MECHANICAL
ELEVATOR
ENGINEERING
PUBLIC WORKS
STRUCTURAL
ACCESSIBILITY
ELEVATOR

As per Florida F
RECEIVED 11-11-2011

PROJECT #

KEY PLAN

PROJECT No 0304-053



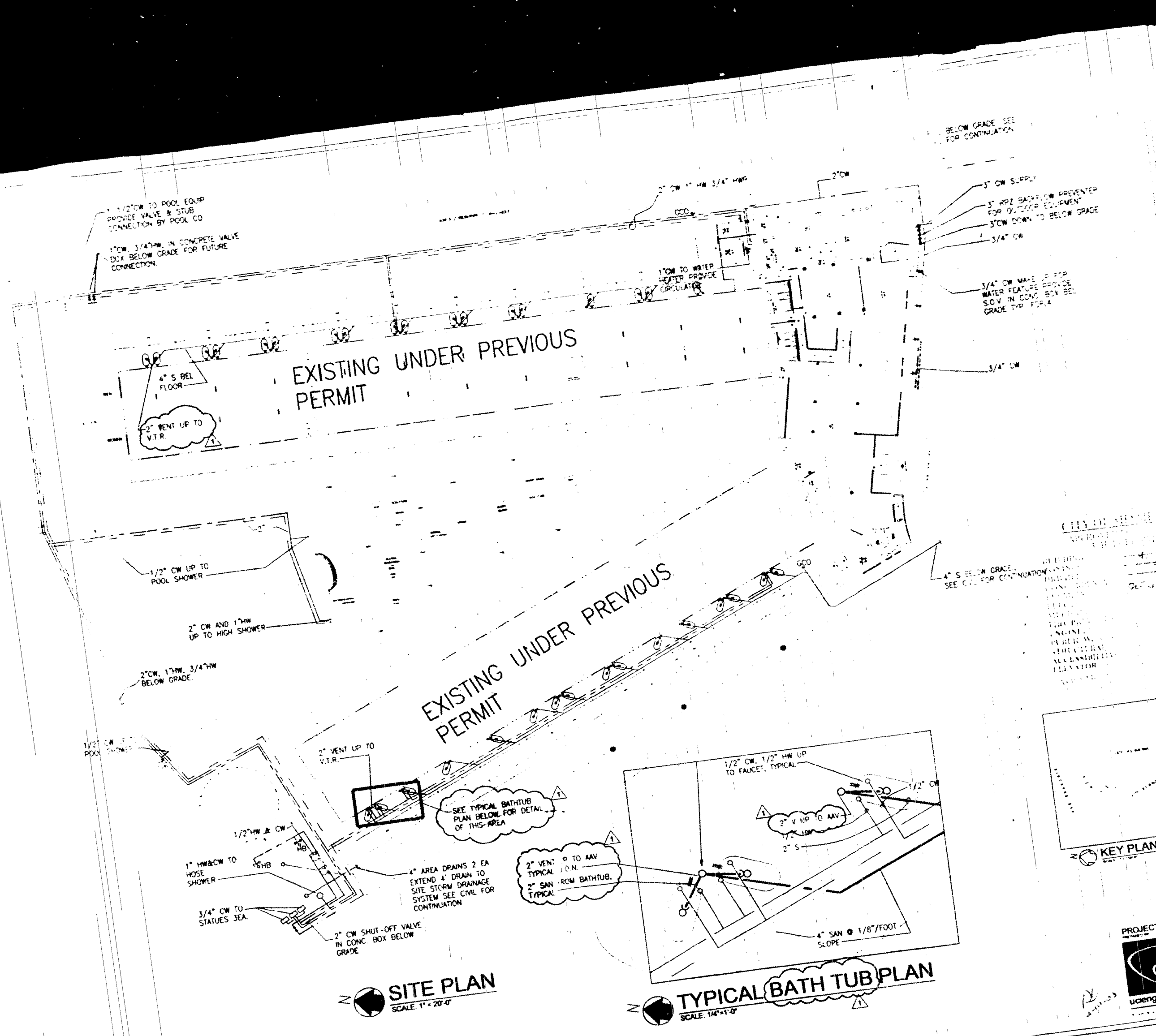
LIDO SPA HOTEL
SITE PLAN - RENOVATION
33139 MIAMI BEACH, FL
AND AVENUE

ING TITLE

DRAWN BY B.F.L.
CHECKED BY A.S.
ISSUES

SHEET NO.
P-1

041

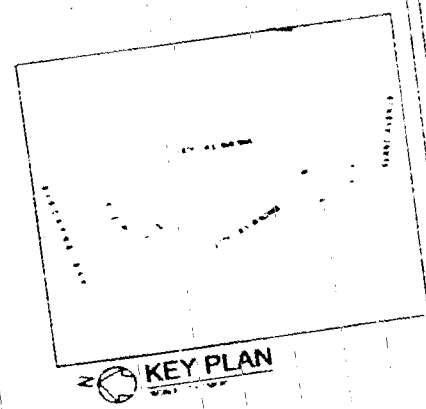


PROJECT ARCHITECT
ALISON SPEAR, A.I.A.
 180 NE 39th St. Suite 222 Miami, FL 33137
 305-438-1200 fax 305-438-1221

SEAL

PROJECT TITLE
LIDO SPA HOTEL
SITE PLAN - RENOVATION
 40 ISLAND AVENUE, MIAMI BEACH, FL 33139

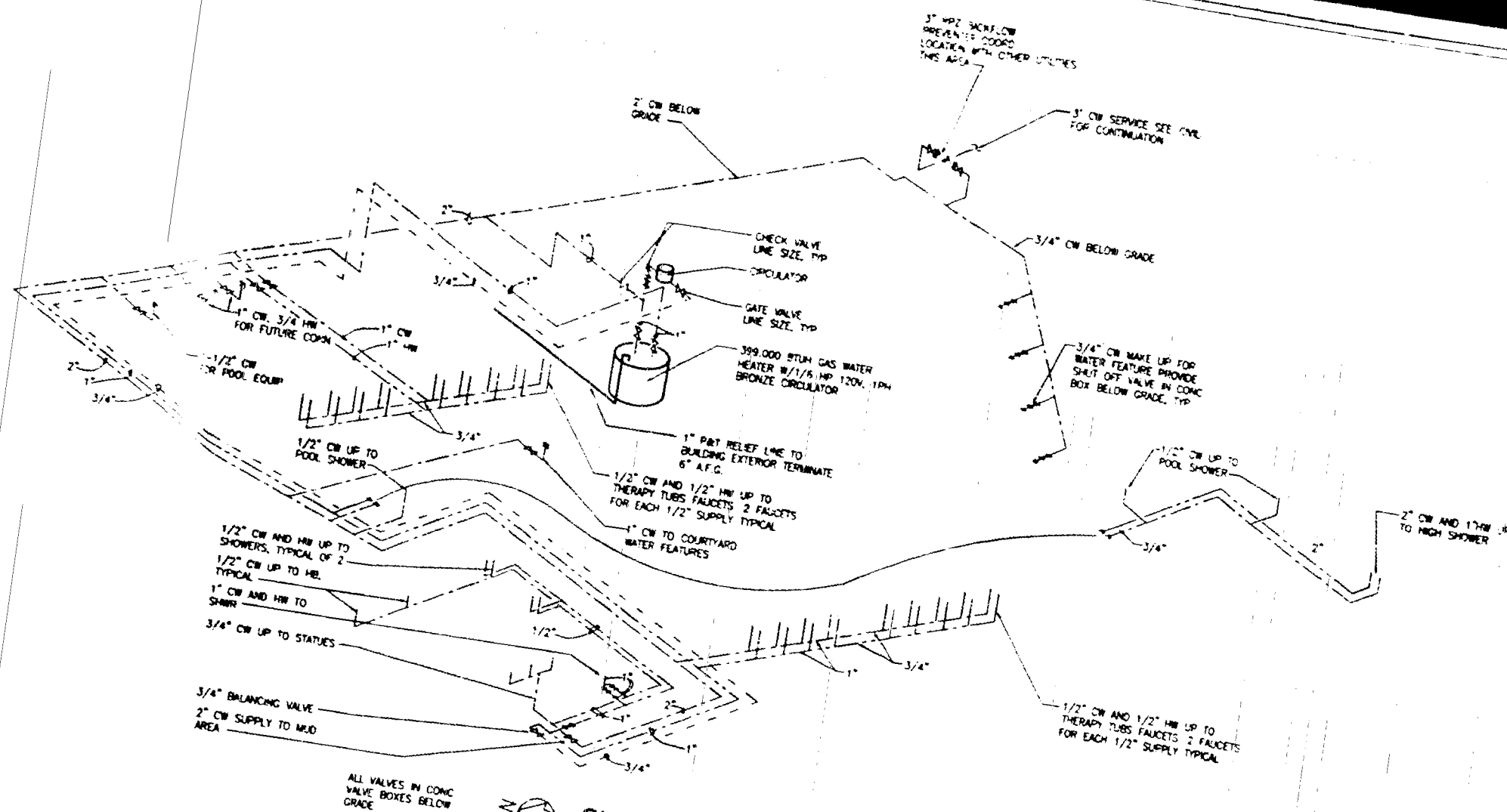
DRAWING TITLE
SITE PLAN -
LOCATION SKETCH



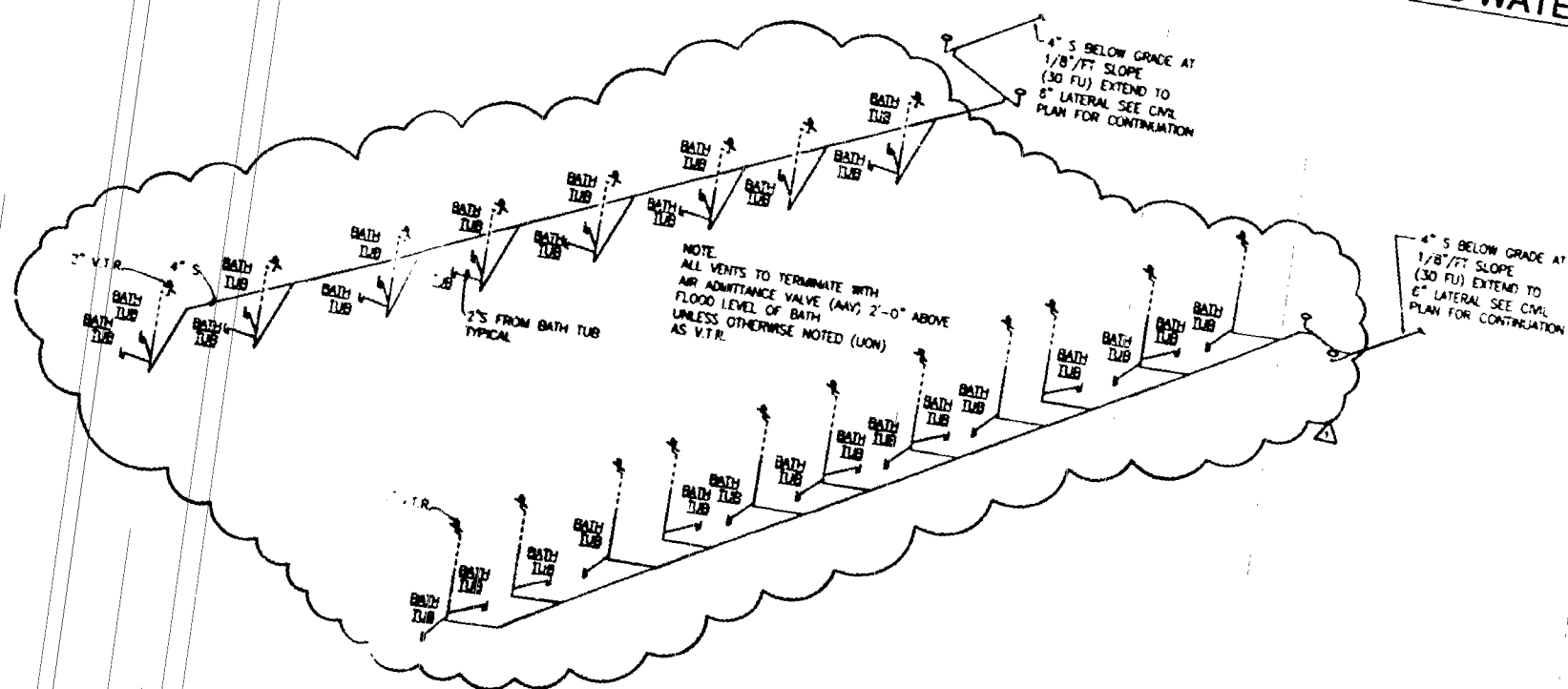
PROJECT No 0304-053

DRAWN BY		B.F.L.
CHECKED BY		A.S.
ISSUES		
NO.	DATE	DESCRIPTION
1	12/12/02	ISSUED FOR PERMIT
SHEET NO.		
P-1		

SHEET NO.
P-1



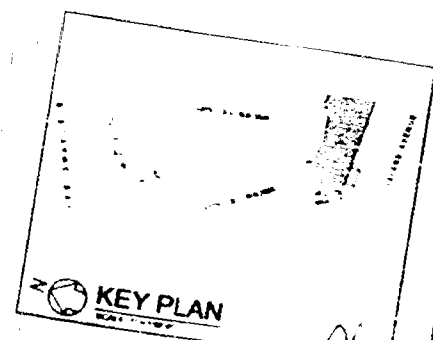
OVERALL SITE DOMESTIC WATER ISOMETRIC
NO SCALE



SITE SANITARY ISOMETRIC
NO SCALE

OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:

DATE: 05/15/13
BY: [Signature]
TITLE: [Signature]



PROJECT # 0304-053



UCI Engineering
1000 N.W. 10th Ave., Suite 1000
Fort Lauderdale, FL 33311
Phone: (954) 571-1111
Fax: (954) 571-1112
www.uci-engineering.com

DRAWING TITLE

PLUMBING ISOMETRICS

DRAWN BY: J.B.
CHECKED BY: R.J.M.
ISSUES:

REVISIONS: [Table with 3 columns: No., Description, Date]

SHEET NO.

P-2

PROJECT ARCHITECT

ALISON SPEAR, A.I.A.
180 NE 38th St., Suite 222, Miami, FL 33137
305-438-1200 (fax 305-438-1221)

SEAL

STATE OF FLORIDA
Professional Engineer
No. 12345
Exp. 12/31/14
Alison Spear, P.E.

PROJECT TITLE

**LIDO SPA HOTEL
MAIN BUILDING - RENOVATION**
40 ISLAND AVENUE, MIAMI BEACH, FL 33139

PLUMBING NOTES

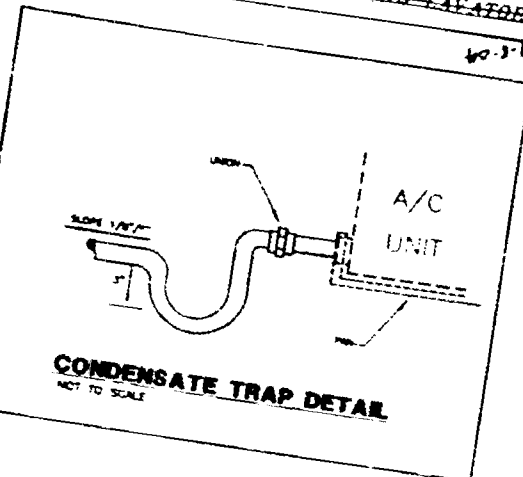
1. THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND SIZE OF ALL EXISTING LINES AND EXTEND AS REQUIRED.
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NOTE

CONTRACTOR SHALL VERIFY EXACT LOCATION AND SIZE OF ALL EXISTING LINES AND EXTEND AS REQUIRED.

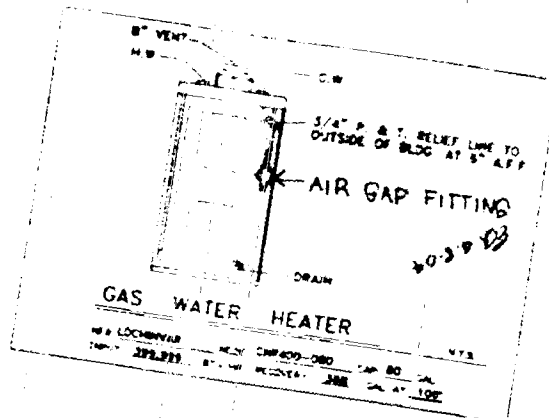
NO JOINTS ALLOWED UNDER SLAB FOR SIZE AND GRADE HORIZONTAL DRAINAGE PIPING 2" AND SMALLER 1" AND 3" ABOVE 1" SLOPE PER FEET.

PROVIDE ANTI SCALD VALVE TO THE BATH, SHOWER, SINKS AND LAVATORIES.



NOTE

PROVIDE FLEAT CATCH VA IN PAN TO SHUT DOWN UNIT UPON ACTIVATION.



PLUMBING LEGEND

SYMBOL	DESCRIPTION
---	WATER
---	SEWAGE
---	VENT
---	DRAIN
---	...

ALISON SPEAR, A.I.A.
180 NE 38th St, Suite 222, Miami, FL 33137
305-438-1200 fax 305-438-1201

PROJECT ARCHITECT

REAL

REVISION	DATE	DESCRIPTION
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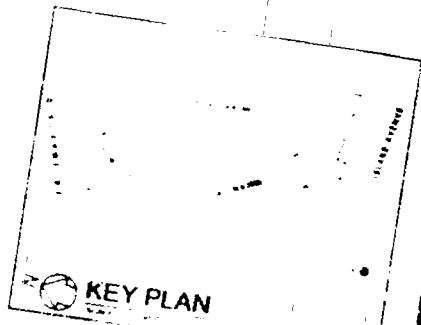
LIDO SPA HOTEL
MAIN BUILDING - RENOVATION
40 ISLAND AVENUE, MIAMI BEACH, FL 33139

PROJECT TITLE

DRAWING TITLE
PLUMBING NOTES AND DETAILS

DRAWN BY
CHECKED BY R.J.M.
ISSUES

SHEET NO
P-3



PROJECT # 0304-053



- 27 ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICIAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL ELECTRICAL WORK. THE ENGINEER/ARCHITECT MUST SEE A COMPLETE SET OF THE CONTRACT DOCUMENTS.
- 28 IT IS NOT THE INTENTION OF THESE DRAWINGS TO INCLUDE ANY INFORMATION REGARDING THE DESIGN OF THE LIGHTING FIXTURES. THE DESIGN OF THE LIGHTING FIXTURES IS DETERMINED BY THE ARCHITECT AND THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE LIGHTING FIXTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE LIGHTING FIXTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE LIGHTING FIXTURES.
- 29 EXISTING LIGHTING FIXTURES WHEN REUSED ARE TO BE CLEANED AND REPAIRED BY THE CONTRACTOR AND OWNERS. ALL REUSED LIGHTING FIXTURES SHALL BE CLEANED AND REPAIRED BY THE CONTRACTOR. ANY EXISTING LIGHTING FIXTURES TO BE REMOVED SHALL BE REMOVED BY THE CONTRACTOR. ALL REMOVED LIGHTING FIXTURES SHALL BE SEPARATE FOR A PERIOD OF 90 DAYS.
- 30 IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ELECTRICAL SERVICES TO MECHANICAL EQUIPMENT ARE PROVIDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUBMITTALS TO BE PROVIDED FOR PRIOR TO THE START OF WORK.

JECT ARCHITECT

ALISON SPEAR, A.I.A.
180 NE 38th St., SUITE 222, MIAMI, FL 33137
305-438-1200 fax 305-438-1221

SEAL

THIS IS THE OFFICIALS NOTICE

Drawings and specifications are
property of the United States Air Force
and are not to be reproduced in any form
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Air Force. This document is not to be
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used by the project or any other person in
connection with the project without the
written permission of the Air Force.

NO SPA HOTEL
LIGHTING - RENOVATION
MIAMI BEACH, FL 33139

[illegible][illegible]

EXISTING ELECTRICAL PANEL. SCHEDULE 'M'

TYPE MOUNTING LOCATION	C.B. GE SURFACE ELECTRICAL ROOM	PRODUCED BY (PANEL NO.)	WIRING CIRCUIT NO.	50 AMP. M.C.B. 50 AMP. 120V-1	50 AMP. M.C.B. 50 AMP. 120V-2	WIRE & COND.	
DESCRIPTION	WIRE & COND. SIZE	LOAD (V.A.)	P.C.E. TRIP	A	B	C	
EXIST. PANEL "1A"	EXISTING	26,912	3 ⁰	3	4	3 ⁰	3 EXIST
			100	6	8	80	
EXIST. PANEL "1B"	EXISTING	35,800	3 ⁰	12	12	125	EXIST. PANEL
			125	11	12	125	
EXIST. PANEL "1C"	EXISTING	24,716	3 ⁰	13	14	3 ⁰	EXIST. PANEL
			80	17	18	80	
EXIST. PANEL "1D"	EXISTING		3 ⁰	19	20		
			80	21	22		
				23	24		
TOTAL							AMPS.

GENERAL NOTE: RECEPTACLE LOAD = 12,500 VA
 DEMAND FACTOR FOR GENERAL LIGHTING AND RECEPTACLE (TABLE 220-10, N.E.C.)

20,000 VA @ 80% = 16,000 VA
 80,000 VA @ 40% = 32,000 VA
 24,500 VA @ 30% = 7,350 VA
 TOTAL LOAD = 55,350 VA
 OTHER LOAD = 117,250 VA
 TOTAL DOWN LOAD = 172,600 VA

EXISTING CIRCUIT BREAKER TO MAIN
 NEW CIRCUIT BREAKER

BUILDING
 ZONING
 DISTRICT
 COMMISSION
 PLANNING
 ENGINEERING
 MECHANICAL
 ELECTRICAL
 THE PREVENTION
 ENGINEERING
 PUBLIC WORKS
 STRUCTURAL
 ACCOUNTABILITY
 EVALUATOR

13780 SW 50th St
Miami, Florida 331
Tel (305) 383-8774
Fax (305) 383-2-
Email info@...
R.J. Mayhew P.E.
Dept 4, Bulby P.E.
Industrial Electro-
mechanical Engin.

0030 481E
LANDSCAPE

OFFICE
CITY OF
2 NEW
CIVIL STREET
01-CH

As per Florida Building Code Section 104.5.2
REQUIRED FOR CODE COMPLIANCE

DEPT. OF ENVIRONMENTAL RESOURCES MANAGEMENT
OFFICE OF PLAN REVIEW SERVICES
PLAN PROCESSING NO. 11

REVIEW TYPE	DATE	BY
PRELIMINARY	1/10/04	1110
FINAL	1/10/04	1110

DEPT. OF ENVIRONMENTAL RESOURCES MANAGEMENT
OFFICE OF PLAN REVIEW SERVICES
PLAN PROCESSING NO. 11

REVIEW TYPE	DATE	BY
PRELIMINARY	1/10/04	1110
FINAL	1/10/04	1110

RECEIVED
JAN 9 2004

A SUMMARY WATER
GENERAL RECORD IS REQUIRED

0030-1110
CIVIL
1110

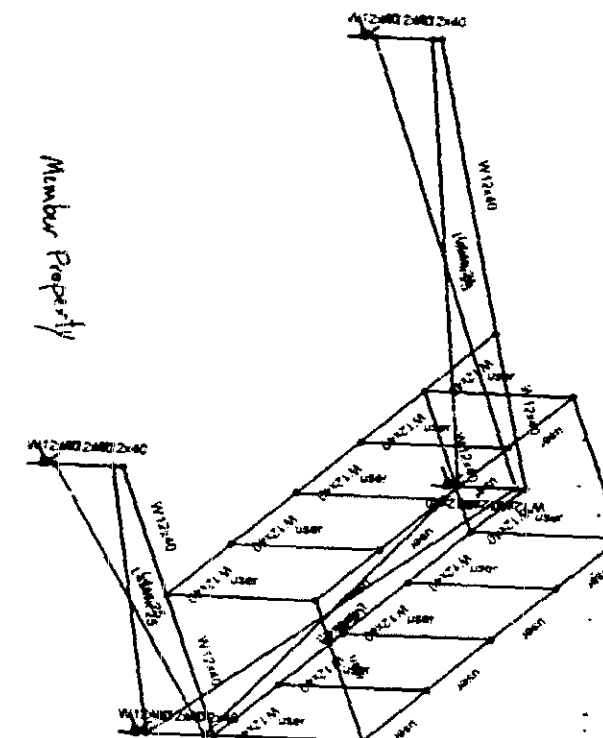
04



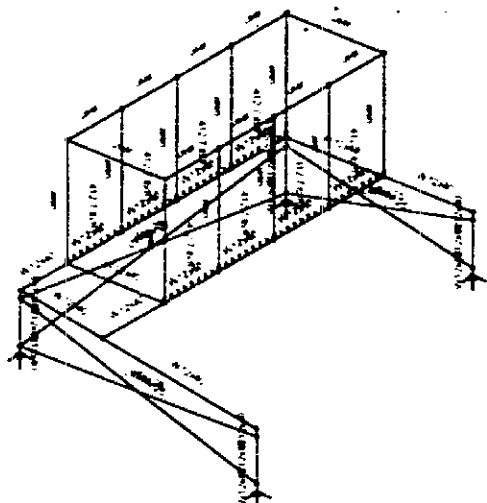
PERMIT #

B0400196

Respectfully,
Donald W. Shackelford 1/29/04
 Donald W. Shackelford P.E.

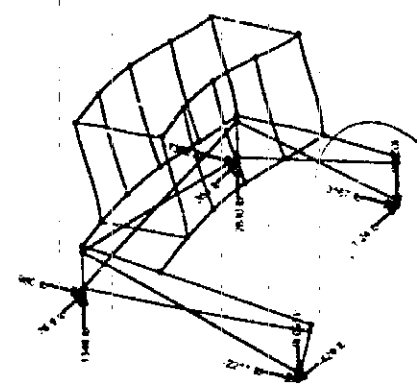


10/10/2004 4:20
 10/10/2004 4:20
 10/10/2004 4:20



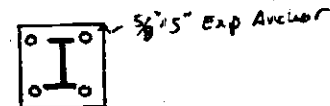
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 10/10/2004

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 10/10/2004 4:20
 10/10/2004 4:20



WORST CASE REACTION

Typ. Base Plate Conn.



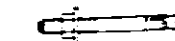
Check Combined Shear + Tension

$$\frac{3026 \text{ lb}}{(4) 2925 \text{ lb}} + \frac{3167 \text{ lb}}{(4) 3826} = 0.466 \text{ less than } 1.0, \text{ OK}$$

10/10/2004
 10/10/2004

DESCRIPTION

This drawing shows a typical connection between a column and a beam. The connection is designed to transfer all forces and moments between the column and the beam.



MATERIAL CHARACTERISTICS
 Steel: A36
 Concrete: 4000 psi
 Rebar: #4

ITEM	QTY	UNIT	PRICE	TOTAL
1	1	EA	1.00	1.00
2	1	EA	1.00	1.00
3	1	EA	1.00	1.00
4	1	EA	1.00	1.00
5	1	EA	1.00	1.00
6	1	EA	1.00	1.00
7	1	EA	1.00	1.00
8	1	EA	1.00	1.00
9	1	EA	1.00	1.00
10	1	EA	1.00	1.00

GENERAL NOTES

1. Check all dimensions and quantities against the drawing and the bill of materials.
2. All dimensions are in feet and inches.
3. All quantities are in pounds.

10/10/2004
 10/10/2004



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 10/10/2004

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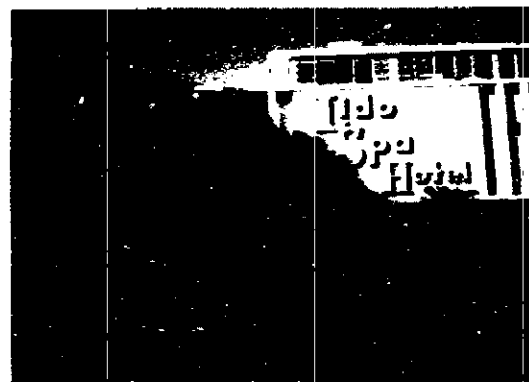
10/10/2004
 10/10/2004

9815 Northwest Miami Court
Miami, Florida 33157
305.438.1230 F. 305.438.1221 F.
BIC 700 9948
info@alsonspawilliams.com
www.alsonspawilliams.com

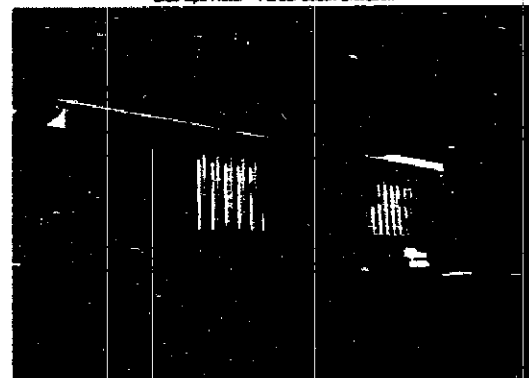
AlsonSpawilliams

Date: December 8, 2008
Project: Lido Spa Hotel
40 Miami Ave
Miami Beach, FL 33139
Contact:
Pages: 8
RE: Lobby and Restaurant
Process # B0400738
Photographs of Existing Conditions

Lido Spa Hotel - Exterior Photographs



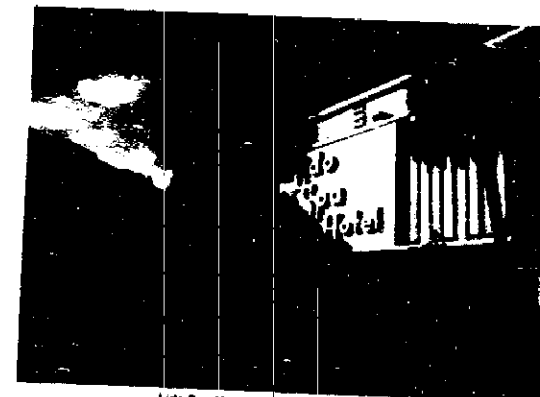
Lido Spa Hotel - Partial South Elevation



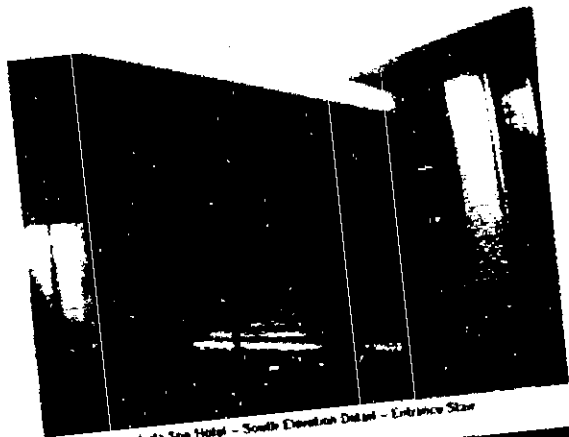
Lido Spa Hotel - South Elevation



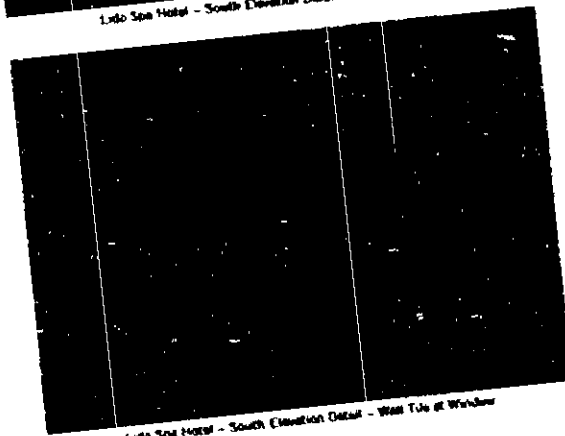
Lido Spa Hotel - Partial South Elevation



Lido Spa Hotel - Partial South Elevation

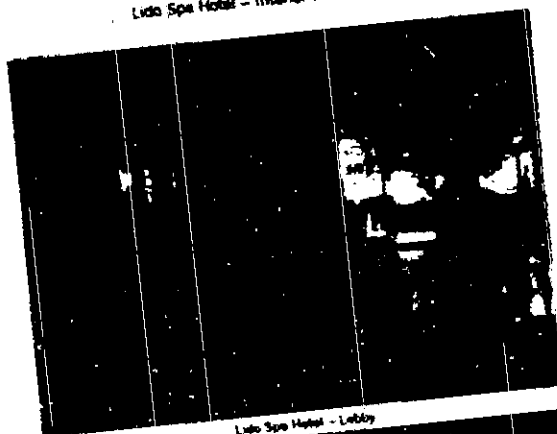


Lido Spa Hotel - South Elevation Detail - Entrance Stair

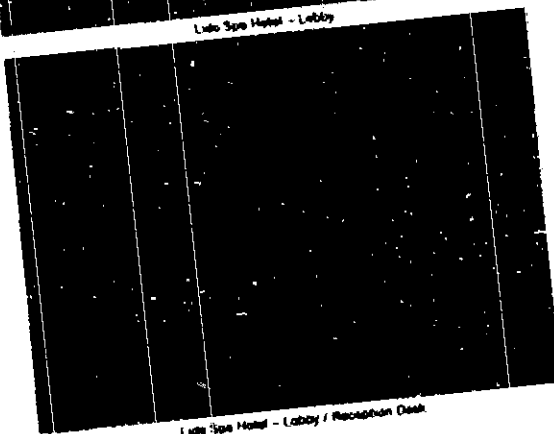


Lido Spa Hotel - South Elevation Detail - Wall Tile at Window

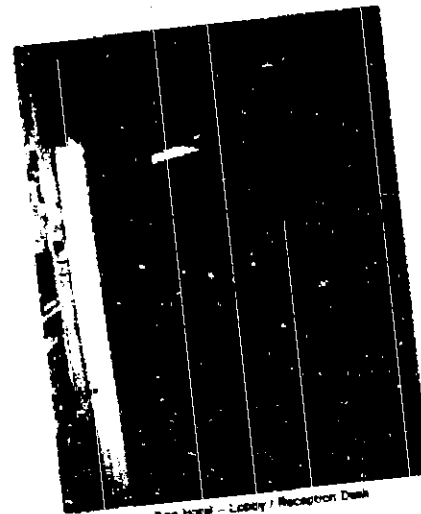
Lido Spa Hotel - Interior Photographs



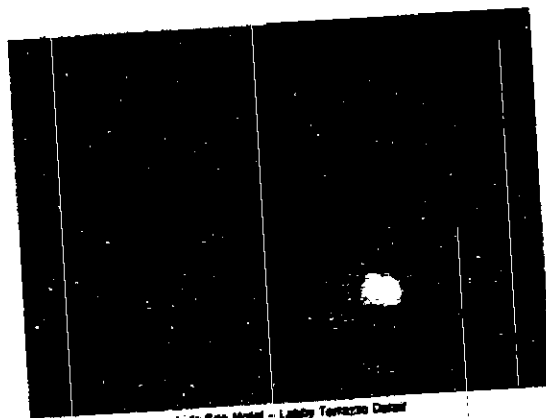
Lido Spa Hotel - Lobby



Lido Spa Hotel - Lobby / Reception Desk



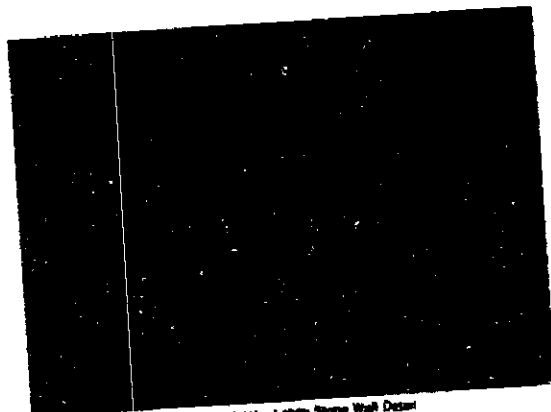
Lido Spa Hotel - Lobby / Reception Desk



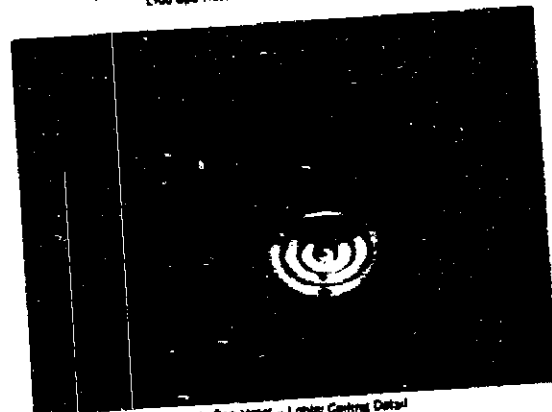
Lido Spa Hotel - Lobby Terrace Detail



Lido Spa Hotel - Lobby Terrace Detail



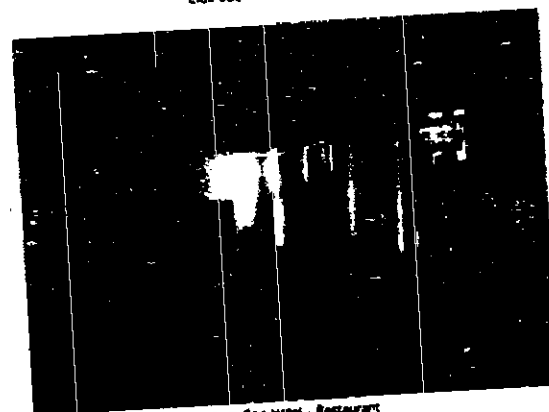
Lido Spa Hotel - Lobby Stone Wall Detail



Lido Spa Hotel - Lobby Ceiling Detail

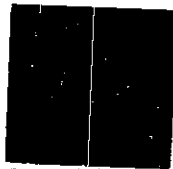


Lido Spa Hotel - Restaurant



Lido Spa Hotel - Restaurant

Paint Colors



A: Loyal Blue
SW 6510



B: White Flour
SW 7102

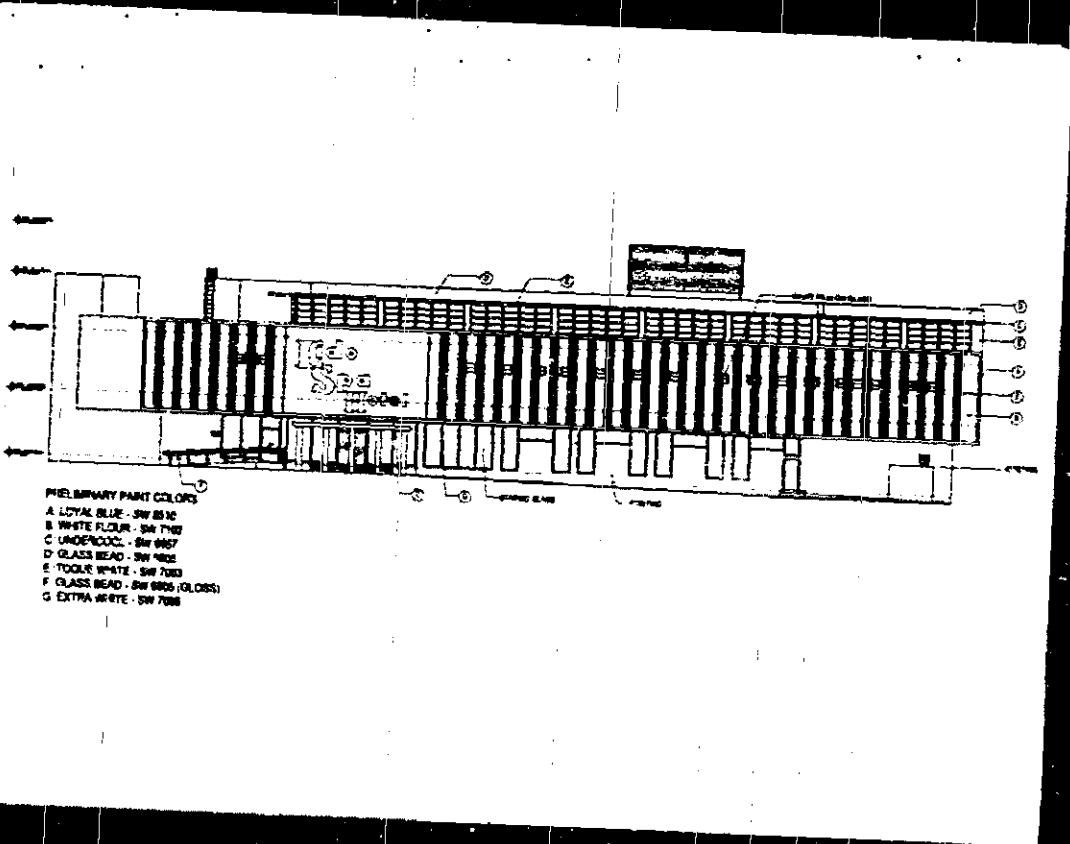
C: Undercoat
SW 6957

D: Glass Bead
SW 6805

E: True White
SW 7003

F: Glass Bead
SW 6805 (glass)

G: Extra White
SW 7006



City of Miami Beach
Transportation & Concurrency Management Division

Concurrency Determination
Questionnaire

3-25-04

Name of Project: Little Sea Hotel - West Wing Interior Renovation

Location/Address: 40 Island Ave

Telephone: _____

Type of Project: LOBBY RENOVATION / SHELL RESTAURANT - EXISTING

Existing	
Land Use	<u>HOTEL</u>
Total Square Footage - Project	<u>10,000 EXISTING</u>
Total # of Units - if applicable - Project	<u>100 / SHELL ONLY</u>
Total # of Seats - if applicable - Project	<u>100 / SHELL ONLY</u>
Proposed	
Land Use	_____
Total Square Footage - Project	_____
Total # of Units - if applicable - Project	_____
Total # of Seats - if applicable - Project	_____

Reason For Concurrency Determination

Board Approval Requirement	_____	Certificate of Use	_____
Change of Use	_____	Outdoor Cafe	_____
Building Permit	_____	Liquor License	_____
Certificate of Occupancy	_____	Demolition Permit	_____

QUESTIONS FOR CONCURRENCY ANALYSIS

1. Is this project:
 - ☐ New development or construction
 - ☒ Redevelopment of an existing structure
 - ☐ Addition to an existing structure
2. If this is a redevelopment project, will the existing use be altered as a result of the renovation/rehabilitation?
 - ☐ Yes
 - ☒ No
3. If so, what are the land-use changes from existing use(s) to proposed use?

Please explain:

Existing use: _____

Proposed use: _____
4. Will there be an increase, decrease or no change in the square footage to the existing structure due to the proposed renovation/rehabilitation?
 - ☐ Yes
 - ☐ No

Square foot change from _____ to _____
5. Has a traffic analysis been conducted to determine the number of trips or trip ends to be generated by the proposed development or renovation/rehabilitation project?
 - ☐ Yes
 - ☐ No
6. Are there any current code violations or unpaid fees associated to the subject property?
 - ☐ Yes
 - ☐ No
7. Do you expect your development or project to draw customers, clients or visitors from outside Miami Beach? Attribute some percentage (ex: 10%, 15%, etc.)
 - ☐ Yes
 - ☐ No
8. Is the property a designated historical structure?
 - ☐ Yes
 - ☐ No

I hereby acknowledge that the information provided is true and accurate. If it is determined that the answers provided are false and misleading, it will jeopardize the project's ability to obtain the required permits and/or Certificate of Occupancy (COO).

JOHN SARKIS

Signature

Signature

Section Number: _____

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		0.0	(7)		0.7	
23		100.0	4.020		0.0	
		0.0	(7)		0.7	
24		100.0	4.020		0.0	
		0.0	(7)		0.7	
25		100.0	4.020		0.0	
		0.0	(7)		0.7	

Miami Beach Fire Department Hydrant Flow Test Results

Address: 40 Island Ave.
Date: 05-11-2004
Form No.: 8702-1000

Location of Hydrant: 40 Island Ave./Vandalia Way (West end)
(State Hydrant)

Location of Hydrant 2: 40 Island Ave./Vandalia Way (East end)

Location to hydrant: 0.0 miles (approximate)

Static pressure reading from Hydrant #1: 83 PSI
(Value before backpressure from Hydrant #2 is 0.0)

Residual pressure reading from Hydrant #1: 45 PSI
(Value after flowing water from Hydrant #2 is 0.0)

Hydrant #1: Pressure (Static) gauge: 24 PSI
Hydrant #2: Pressure (Static) gauge: 20 PSI

Flow = 014 GPM
Flow = 011 GPM
Total Flow = 025 GPM

Available Water (CFM) = 5700 CFM @ 20 PSI residual pressure
Test Conducted By: Gola, Livak, Bando

Available Water (CFM) = 5700 CFM @ 20 PSI residual pressure
Test Conducted By: Gola, Livak, Bando

REMARKS

A copy of this test must be included with the sprinkler system plans at the time that they are submitted to the Building Department for review.

Printed and Date: 5/11/04

LIDO SPA HOTEL - 40 ISLAND AVE. - Lobby / Restaurant Renovation Activity Number: 90-000196 Response to Miami Beach Building Department Comments 4-5-04

Electrical

Previously approved 01/13/2004

- E-1 new lighting layout, new wheelchair lift
- E-2 revised strobe light coverage as per fire review comments
- E-3 revised panel schedule
- E-4 revised fire alarm panel as per revised strobe lights
- E-5 revised panel diagram

Mechanical Review Comments 10/20/03

In addition to addressed comments outlined below other revisions made to plans:

- M-1 revised duct and diffuser layout, new F.C.U. in trash room
- M-2 revised chilled water piping for trash room F.C.U.
- M-3 revised chilled water piping
- M-4A new sheet with roof top chiller
- M-5 revised specifications for HVAC equipment

Comment: 1. Plans show existing hood to be smaller than cooking equipment, add hood or remove equipment.
Response: Kitchen and equipment is no longer under the scope of this permit.

Comment: 2. A.H.U. #2 is over 2000 CFM, not equip with duct detector exhaust pressure.
Response: System modified, see sheet M-1.

Comment: Plans show two different types of mounting details for C.U. and A.H.U., explain which one is applicable to which Unit.
Response: Done. See sheet M-4.

Comment: All rooftop equipment to comply with F.M.C. 301.13 in reference to exhaust fans.
Response: Done. See sheet M-1.

Comment: Mounting details of outside units.
Response: Individual outside units have been revised to one detail. Structural details shown in structural drawings S-1 & S-2.

Plumbing Review Comments 10/15/03

In addition to comments addressed below, other revisions made to plans:

- P-1 New piping layout due to revised bathroom and new trash room
- P-2 revised risers

Comment: Show full occupancy count for lobby and restaurant seating and sq. foot eating area.
Response: Done. See sheet A-1.00.

Comment: Add Health Dept. review.
Response: By others.

Comment: Add grease trap permit DERM add waste water letter
Response: By Others

Comment: Add fixtures for minimum count on occupancy
Response: Fixture count added, see sheet A-1 00

Comment: See all piping and fit with slope
Response: Done. See sheet

Comment: add new detail of left
Response: Done

Engineering Review Comments 11/04/03

Comment: 1. Provide breakdown cost of project
Response: Attached

Comment: 2. Please provide and show on drawing a waste room "trash room" with the following:
Response: A/C, Sinks, Hot & Cold, Floor Drain with backflow preventer and 8"-0" covering. New trash room shown. See sheet A-1 02 and appropriate MEP drawings

Comment: 2. Please show the proposed occupant load calculation on the drawing
Response: Done. See sheet A-1 00

Comment: 3. Please provide Sewer allocation letter or exempt stamp from DERM
Response: By Others. Attached

Comment: 4. Please provide asbestos report with DERM approval for demolition
Response: By Others. Attached

Comment: 5. Please provide Date County Impact Fee Approval
Response: By Others. Attached

Comment: 6. Please provide Concurrence Management Approval
Response: By Others. Attached

Comment: 7. Please provide Building/Structural approval
Response: Done

Comment: 8. Please show the Finish Floor Elevation in N G V D on the drawing
Response: Done. See Sheet A-1 00

Fire Review

Previously approved 3/11/04 pending minor revisions from UCI engineering addressed below. In addition to comments addressed other changes made to plans are:

- A-2 00, A-2 01 & A-6 01 addition of wood panel ceiling in lobby
- Addition of appropriate ceiling details for fire separation between rooms
- PP-1 revised sprinkler layout to treat open space above wood panel ceiling

Comment: Submit complete hydraulic calcs with flow test
Response: Hydraulic calcs attached

Comment: Review strobe light coverage
Response: revised see sheet E-2

Comment: Show flow and temper switches on second and third floor drawings
Response: Second and first floor are under separate permit and will be addressed correctly in the permitting process of each floor

Accessibility Review Comments 1/23/04

Comment: 2. A-1 00 The accessible route to be used by the majority of the people
Response: Accessible route shown, see sheet A-0 01

Comment: 5. A-1 00 Lobby bathrooms to be accessible if they are being renovated (see FBC section 4 1 6)
Response: Lobby bathrooms are no longer being renovated. Adequate signage will be provided.

Comment: 6. A-1 00 Please provide continuous accessible route from all areas of bar and restaurant
Response: Accessible route shown. See sheet A-0 01

Comment: 7. A-1 00 Make bar accessible
Response: Accessible seating shown on plans throughout restaurant and bar. Service will be made available to accessible seating

Comment: 9. A-1 01 Show dimensions of maneuvering clearance required for doors
Response: Maneuvering clearances shown. See sheets A-1 01 & A-5 02

Comment: 10. A-1 02 Show all dimensions required for bathrooms in floor plan and elevations
Response: Dimensions shown, see sheet A-4 04

Comment: 13. A-7 00 Finish floor to be sloped/recessed
Response: note added, see sheet A-4 04 & A-7 00

Comment: 14. Show accessible seating within the food seating
Response: Accessible seating shown, see sheet A-1 00. Note on clearances included in drawing.

Comment: 14.1. Show required seating dimensions
Response: Note on clearances included in drawing. See sheet A-1 00

Comment: 15. Reception counter to be accessible
Response: Alternate check in location shown. See sheet A-1 00

Comment: 16. Ramp landing dimension
Response: Ramp landing dimensioned. See sheet A-5 02

Comment: 17. Show coverage of FA at restaurant
Response: Strobe location revised. See sheet E-2

Planning Dept. Review Comments 10/21/03

Previously approved 3/11/04. Revisions made to the plans as follows:

- A-1 00, A-1 01, A-4 00, A-4 01 & A-5 03 addition of wheelchair lift at front entrance as requested during accessibility review. Deletion of ramp
- A-2 00, A-2 01 & A-6 01 Addition of Rulon panel grid ceiling in Lobby

LIDO SPA HOTEL

40 ISLAND AVE, MIAMI BEACH, FL 33139

MAIN BUILDING - RENOVATION PHASE FOUR OF CONSTRUCTION

DEVELOPMENT

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Miami, FL 33130
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CODE COMPLIANCE CONSULTANT

R.D. HALE, INC.

7382 Gary Avenue
Miami Beach, FL 33141
phone: 305-868-9650 fax: 305-868-9648

INDEX OF DRAWINGS

ARCHITECTURE

A-0.00 INDEX GENERAL NOTES SCOPE OF WORK & VICINITY MAP

- A-0.01 SITE PLAN LIFE SAFETY INFORMATION
- A-0.02 APPLICABLE NFPA
- A-0.03 APPLICABLE FBC

- A-1.00 GROUND FLOOR - FLOOR PLAN - 1" = 1'-0"
- A-1.01 SECOND FLOOR - FLOOR PLAN - 1" = 1'-0"
- A-1.02 THIRD FLOOR - FLOOR PLAN - 1" = 1'-0"
- A-1.03 PARTIAL GROUND FLOOR - LOBBY - 1" = 1'-0"
- A-1.04 PARTIAL GROUND FLOOR - RESTAURANT - 1" = 1'-0"

- A-2.00 GROUND FLOOR - RCP - 1" = 1'-0"
- A-2.01 PARTIAL GROUND FLOOR - RCP - LOBBY - 1" = 1'-0"
- A-2.02 PARTIAL GROUND FLOOR - RCP - RESTAURANT - 1" = 1'-0"

- A-4.00 ELEVATIONS - FRONT FACADE
- A-4.01 INTERIOR ELEVATIONS - LOBBY
- A-4.02 INTERIOR ELEVATIONS - RESTAURANT
- A-4.03 INTERIOR ELEVATIONS - BACK OF HOUSE
- A-4.04 INTERIOR ELEVATIONS & PLANS - BATHROOMS

- A-5.00 BAR DETAILS
- A-5.01 BAR DETAILS
- A-5.02 STAIR AND RAMP DETAILS

- A-6.00 DETAILS
- A-6.01 DETAILS

AD-1.01 DEMOLITION PLAN

- L-1.00 LIGHTING LAYOUT - GROUND FLOOR RCP
- L-1.01 LIGHTING LAYOUT - GROUND FLOOR PLAN
- L-1.02 LIGHTING - FRONT FACADE DETAILS

SCOPE OF WORK

THE SCOPE OF THE WORK INCLUDES THE RENOVATION OF THE ABOVE MENTIONED BUILDING ON THE GROUND FLOOR ONLY. CONSTRUCTION OF NEW FEATURES AND FINISHES THROUGHOUT THE PUBLIC SPACES NEW BATHROOMS IN EXISTING RESTAURANT AREA, NEW MEP AND LIFE SAFETY SYSTEMS THROUGHOUT THE GROUND FLOOR INCLUDING THE COMPLETE SPRINKLING OF THE ENTIRE BUILDING 2ND & 3RD FLOOR WILL BE DONE UNDER SEPARATE PERMIT BUT SIMULTANEOUSLY.

LEGAL DESCRIPTION

LEGAL DESCRIPTION
LOTS 38, 40, 41, AND 42 OF "AMENDED PLAN OF BELLE ISLE" ACCORDING TO THE PLAN THEREOF RECOVERED IN PLAT BOOK 5 AT PAGE 11 OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA AND BEING SITUATED ON BELLE ISLAND ON VENETIAN CAUSEWAY, WITHIN THE CITY LIMITS OF MIAMI BEACH, FLORIDA.

FILE NO. 02-323-004-0000

GENERAL NOTES

01. ALL WORK LISTED ON THE CONSTRUCTION DOCUMENT NOTES AND SHOWN OR IMPLIED ON ALL DRAWINGS SHALL BE SUPPLIED AND INSTALLED BY THE GENERAL CONTRACTOR UNLESS OTHERWISE NOTED ON DRAWINGS. IT IS EXPECTED THAT THE GENERAL CONTRACTOR SHALL CLOSELY COORDINATE HIS WORK WITH THE WORK OF ALL SUBCONTRACTORS TO ASSURE ALL CONSTRUCTION SCHEDULES ARE MET.

02. ALL WORK SHALL COMPLY WITH THE REGULATION OF THE GOVERNMENTAL AUTHORITIES HAVING JURISDICTION. THE CONSTRUCTION DOCUMENTS SHALL BE SUPPLEMENTAL TO ALL LAWS & CODES OF GOVERNMENTAL REGULATING BODIES RELATING TO BUILDINGS. ALL APPLICABLE REGULATIONS SPECIFIED IN THESE REGULATIONS SHALL BE FOLLOWED AS THOUGH SPECIALLY NOTED IN THE CONSTRUCTION DOCUMENTS. HOWEVER, THIS SHOULD NOT BE CONSTRUED TO MEAN THAT ANY REQUIREMENTS SET FORTH IN THE CONSTRUCTION DOCUMENTS CAN BE MODIFIED BECAUSE THEY ARE NOT SPECIALLY NOTED BY SUCH CODES OF LAWS.

03. ALL DRAWINGS AND NOTES ARE COMPLEMENTARY AND WHAT IS CALLED FOR BY ANY WILL BE BINDING AS IF CALLED FOR BY ALL.

04. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF HE OR SHE CANNOT COMPLY WITH ANY AND/OR ALL INCLUDED CONSTRUCTION DOCUMENTS.

05. BEFORE COMMENCING ANY WORK, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DRAWINGS, THE CONSTRUCTION NOTES AND FIELD CONDITIONS.

06. WHERE THE TERM "APPROVED" OR "APPROVED EQUAL" IS USED IN THE CONSTRUCTION NOTES, IT SHALL BE UNDERSTOOD THAT THE REFERENCE IS MADE TO THE RULING AND JUDGMENT OF AND PROPOSED SUBSTITUTE SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND WRITTEN APPROVAL.

07. THE GENERAL CONTRACTOR SHALL FURNISH THE ARCHITECT WITH PROGRESS SCHEDULES FOR ALL PHASES OF CONSTRUCTION.

08. ALL CORRESPONDENCE TO PROFESSIONAL RELATED TO THIS PROJECT AND TO THE CLIENT SHALL BE FORWARDED IN COPIES TO ALL PARTIES INVOLVED.

09. THE GENERAL CONTRACTOR SHALL SUBMIT FOR APPROVAL ALL SHOP DRAWINGS, SCHEDULES AND FUTURE CUTS IN TRIPlicate. ONE COPY IN SET FORM. ALL DOCUMENTS MARKED "APPROVED" SHALL SUPERSEDE THE ORIGINALS.

10. ALL SHOP DRAWINGS SHALL BE FILED BY THE GENERAL CONTRACTOR. IN ADDITION, ALL ENGINEERING DRAWINGS SHALL BE FILED BY THE RESPECTIVE ENGINEERING CONTRACTOR.

11. THE CHARACTER AND SCOPE OF THE WORK ARE ILLUSTRATED BY THE DRAWINGS LISTED. CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND/OR REQUESTING ANY ADDITIONAL DETAIL DRAWINGS REQUIRED TO INTERPRET AND EXPLAIN THE CONSTRUCTION DOCUMENTS AND OTHER INFORMATION DEEMED NECESSARY TO PERFORM WORK. IT SHALL BE UNDERSTOOD THAT THIS ADDITIONAL DATA SHALL BE CONSIDERED AS FORMING A PART OF THESE NOTES AS THEY RELATE.

12. THE USE OF THE WORDS "SUPPLIED BY" OR "PROVIDED" IN CONNECTION WITH ANY ITEM SPECIFIC, IT IS INTENDED TO MEAN THAT SUCH ITEM SHALL BE SUPPLIED, INSTALLED AND CONNECTED WHERE SO REQUIRED (UNLESS OTHERWISE NOTED).

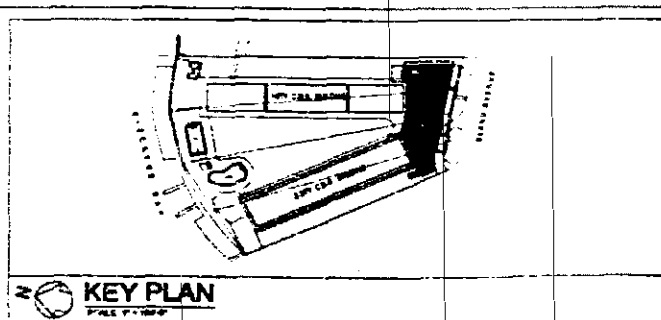
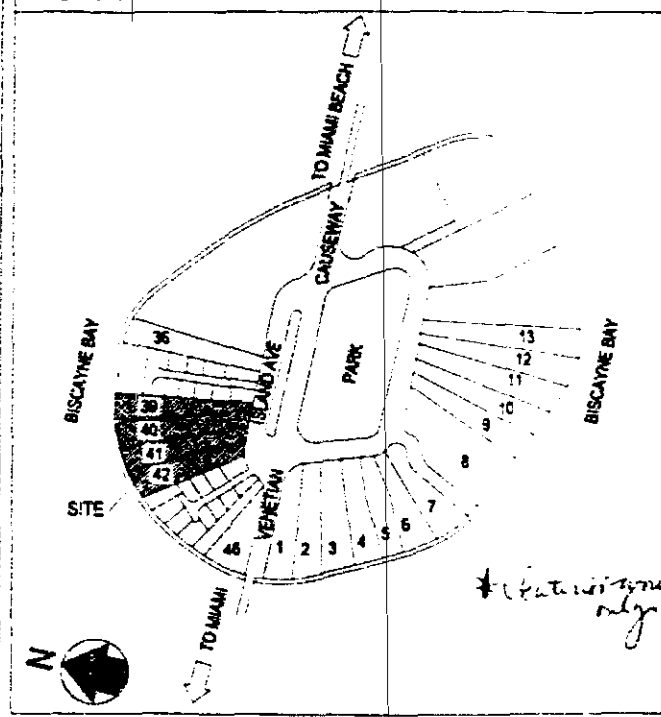
13. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY AND SAFETY OF THE CONSTRUCTION SITE UNTIL THE SPACE IS TURNED OVER TO THE CLIENT.

14. THE GENERAL CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF CONSTRUCTION DRAWINGS ON THE CONSTRUCTION FLOOR DURING ALL PHASES OF CONSTRUCTION FOR USE BY ALL TRADES. A SET INDICATING AS-BUILT CONDITIONS SHALL BE FORWARDED TO THE ARCHITECT UPON PROJECT COMPLETION.

15. UPON JOB COMPLETION, THE GENERAL CONTRACTOR SHALL SUBMIT CERTIFICATES OF INSPECTION FROM THE REQUIRED LOCAL AUTHORITIES AND OBTAIN CERTIFICATES OF COMPLETED INSPECTION.

16. THE GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF PUBLIC AREAS AND SHALL BE RESPONSIBLE FOR KEEPING THESE AREAS CLEAN AND FREE OF MATERIALS AT ALL TIMES.

VICINITY MAP



NOTE: IT IS THE RESPONSIBILITY OF THE OWNER, THROUGH THE ARCHITECT, TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE PUBLIC RECORDS OF THE COUNTY AND CITY OF MIAMI. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE ARCHITECT BY THE OWNER. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE ARCHITECT BY THE OWNER.

OFFICE COPY CITY OF MIAMI

APPROVED FOR THE FOLLOWING:

BUILDING
ZONING
FIRE
CONCRETE
PLUMBING
ELECTRICAL
MECHANICAL
FIRE PREVENTION
ENGINEERING
PUBLIC WORKS
STRUCTURAL
ACCESSIBILITY
ELEVATOR

As per Florida Building Code, Section 105.1, the following shall be reviewed for code compliance:

NOTE: THE "MAIN BUILDING" IS ONE OF SEVERAL PERMITS BEING ISSUED FOR THIS PROJECT. HOWEVER, ALL MEANS OF EGRESS, EXIT DESIGNATION, EXIT ILLUMINATION AND WHERE APPLICABLE, EMERGENCY LIGHTING WILL BE COMPLETED PRIOR TO FINAL APPROVAL OF THIS PHASE.

IN ADDITION, ALL APPLICABLE ACCESSIBILITY ELEMENTS SHALL BE IN PLACE FOR ANY PHASE REQUESTED TEMPORARILY OR FULL.

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SEALED
2/2/07
ALISON SPEAR, A.I.A.
ARCHITECT

PROJECT TITLE
LIDO SPA HOTEL
MAIN BUILDING - RENOVATION
40 ISLAND AVENUE, MIAMI BEACH, FL 33139

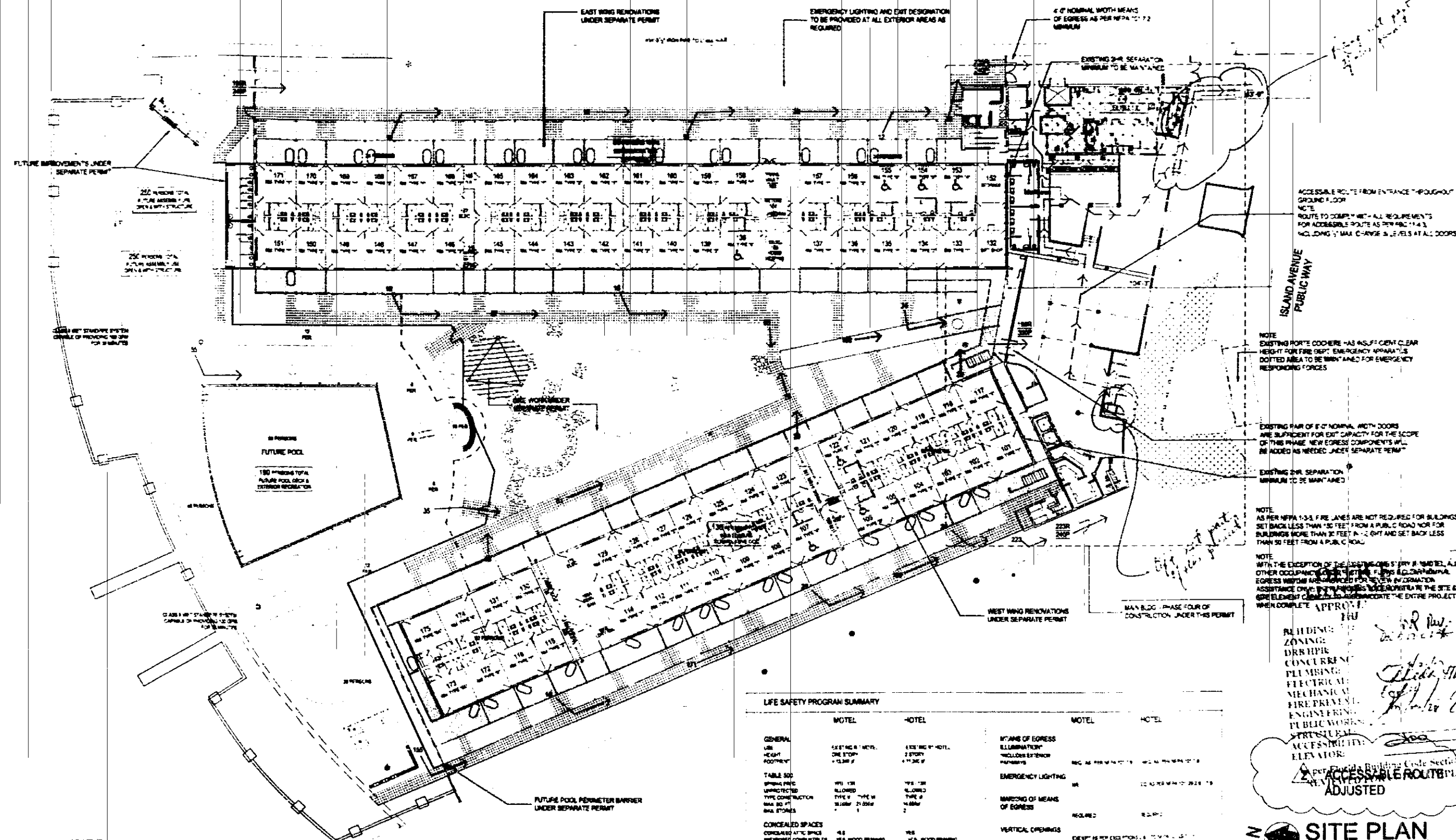
DRAWING TITLE
**DWG-INDEX-GENERAL
NOTES, LOCATION MAP**

DRAWN BY
CHECKED BY
ISSUES

DATE

SHEET NO.

A-0.00



LIFE SAFETY NARRATIVE

ANALYSIS OF R-1 BUILDING REQUIREMENTS IN EXISTING HOOD AND EXISTING BUILDING AREA.

THE EAST (1) SINGLE STORY HOTEL. SUMMARY: THE EXISTING AT-GRADE, SINGLE STORY, APPROXIMATELY 12,000 SQ. FT. / 18 UNIT MOTEL WING HAS AND WILL MAINTAIN DIRECT EXIT / MEANS OF ESCAPE ACCESS TO THE EXTERIOR / OUTSIDE AT GRADE FOR THIS PROJECT. ALL EXISTING AT-GRADE CONCEALED SPACES ARE TO BE MAINTAINED IN ORDER TO ACCOMMODATE NEW INDIVIDUAL, INDEPENDENT HVAC COMPONENTS FOR EACH ROOM / SUITE. THE EXISTING HVAC SYSTEM IS TO BE REMOVED IN ITS ENTIRETY. HOWEVER, THIS EXISTING CONCEALED SPACE IS TO BE SPRINKLERED AS PART OF AN EMERGENCY RESPONSE / FIRE SYSTEM THAT WILL INCLUDE THE MOTEL, DWELLING UNITS IN ADDITION TO PROVIDING A TYPICAL SPRINKLER PROTECTION FOR EACH UNIT'S EXTERIOR PRIVATE AREA, AS SUCH, AND AS PERMITTED BY ALLOWABLE CHARACTERISTICS FOR SPRINKLERED TYPE V OR V-1 CONSTRUCTION, COMPARTMENTATION IS NOT REQUIRED.

AS PER TABLE 505, WHEN SPRINKLERED, EITHER TYPE V OR TYPE V-1 UNPROTECTED CONSTRUCTION PARAMETERS ARE ACCEPTABLE, WHERE EXISTING SPRINKLERED SPACES ARE PART OF THE TENANT SEPARATION IT IS CONSIDERED AS THE AIR SPACE PORTION OF THE ASSEMBLY.

REGARDING TENANT SEPARATION: (1) - ONE HOUR IS REQUIRED IN ANY CASE.

REGARDING CONCEALED SPACES: (1) - ONE HOUR IS REQUIRED IN ANY CASE.

REGARDING CONCEALED SPACES: (1) - ONE HOUR IS REQUIRED IN ANY CASE.

REGARDING CONCEALED SPACES: (1) - ONE HOUR IS REQUIRED IN ANY CASE.

MEANS OF EGRESS: COMPONENTS

ALL MEANS OF EGRESS, INCLUDING THE EXISTING OPEN STAIRS ARE EXTERIOR MEANS OF EXIT ACCESS. MAXIMUM ALLOWABLE TRAVEL DISTANCE TO AN EXIT IS NEVER REACHED. VALUE TO MULTIPLE REMOTE STAIRS FOR EXIT ACCESS AND LACK OF DEAD END, PROTECTION OF THE EXISTING EXTERIOR STAIRS IS NOT REQUIRED.

PROTECTION OF OPENINGS BETWEEN THE INTERIOR OF THE DWELLING UNITS AND THE EXTERIOR MEANS OF EXIT ACCESS IS NOT REQUIRED.

SITE EMERGENCY ACCESS LINES NOT REQUIRED.

ELEVATORS NOT APPLICABLE TO EXISTING HOTEL/MOTEL AS PART OF THIS SCOPE OF WORK.

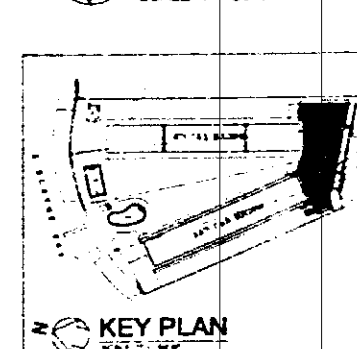
DETECTION ALARM COMMUNICATIONS SYSTEM NOT REQUIRED. HOWEVER, SEE MECHANICAL DRAWINGS FOR SMOKE/FIRE DAMPER MONITORING/SUPERVISION DETAIL. THE TSP SYSTEM SHALL ALSO BE MONITORED/SUPERVISED.

SMOKE / SMOKE DETECTION CLASS 1 STAIRWELL REQUIRED. 100 GPM @ 20 MINUTE SUPPLY.

LIFE SAFETY PROGRAM SUMMARY

	MOTEL	MOTEL	MOTEL	MOTEL
GENERAL				
USE	EXISTING 1 STORY	EXISTING 1 STORY	EXISTING 1 STORY	EXISTING 1 STORY
HEIGHT	1 STORY	1 STORY	1 STORY	1 STORY
FOOTPRINT	1,100 SQ. FT.	1,100 SQ. FT.	1,100 SQ. FT.	1,100 SQ. FT.
TABLE 505				
UNPROTECTED TYPE CONSTRUCTION	TYPE V	TYPE V	TYPE V	TYPE V
MAX. 100 FT.	21,000	21,000	21,000	21,000
MAX. 100 FT.	21,000	21,000	21,000	21,000
CONCEALED SPACES				
CONCEALED AT-GRADE SPACE	YES	YES	YES	YES
UNPROTECTED TYPE CONSTRUCTION	TYPE V	TYPE V	TYPE V	TYPE V
MAX. 100 FT.	21,000	21,000	21,000	21,000
MAX. 100 FT.	21,000	21,000	21,000	21,000
SPRINKLERED	YES	YES	YES	YES
SPRINKLERED TYPE CONSTRUCTION	TYPE V	TYPE V	TYPE V	TYPE V
MAX. 100 FT.	21,000	21,000	21,000	21,000
MAX. 100 FT.	21,000	21,000	21,000	21,000
TENANT SEPARATION				
BETWEEN UNITS	YES	YES	YES	YES
DRIFT STOPS @ ATTIC	YES	YES	YES	YES
ALARM / DETECTION				
DETECTION ALARM COMMUNICATIONS	YES	YES	YES	YES
DETECTION ALARM COMMUNICATIONS	YES	YES	YES	YES
DETECTION ALARM COMMUNICATIONS	YES	YES	YES	YES
PARKING	YES	YES	YES	YES
SEPARATION OF HAZARDOUS AREAS	YES	YES	YES	YES
DISCHARGE OF EXITS	YES	YES	YES	YES

SITE PLAN



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SEAL
 ALISON SPEAR, AIA
 4/20/24
 305-438-1200

OWNER OF DOCUMENTS NOTICE
 This drawing is the property of Alison Spear, AIA. It is to be used for the project and no other use without the written consent of Alison Spear, AIA. It is to be used for the project and no other use without the written consent of Alison Spear, AIA.

PROJECT TITLE
LIDO SPA HOTEL
 MAIN BUILDING - RENOVATION
 40 ISLAND AVENUE, MIAMI BEACH, FL 33138

DRAWING TITLE
SITE PLAN - LOCATION SKETCH

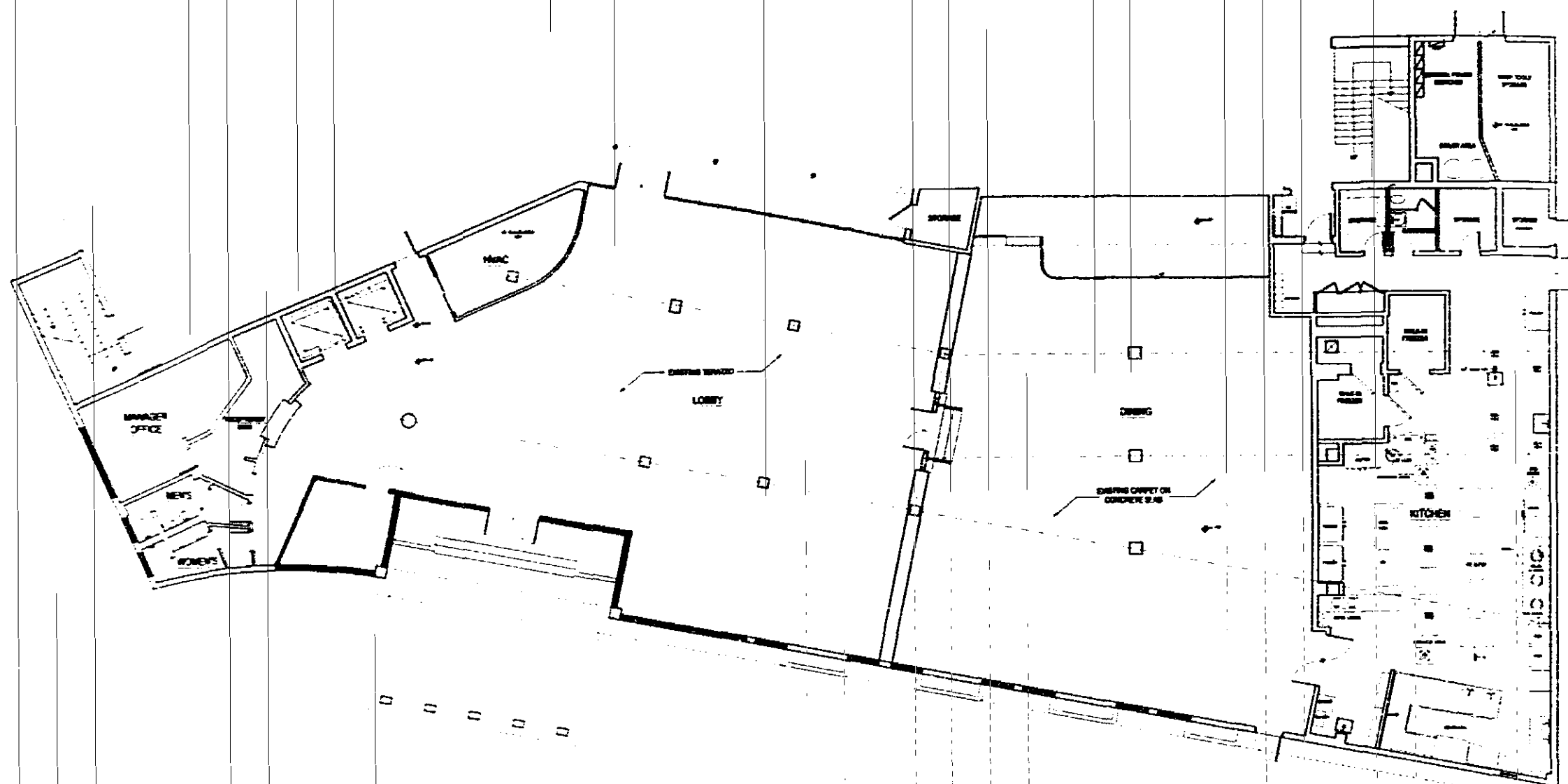
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 CHECKED BY: A.S.
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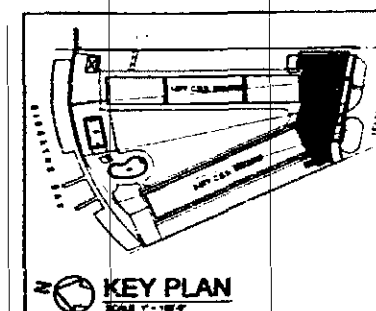
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GROUND FLOOR - EXISTING FLOOR PLAN

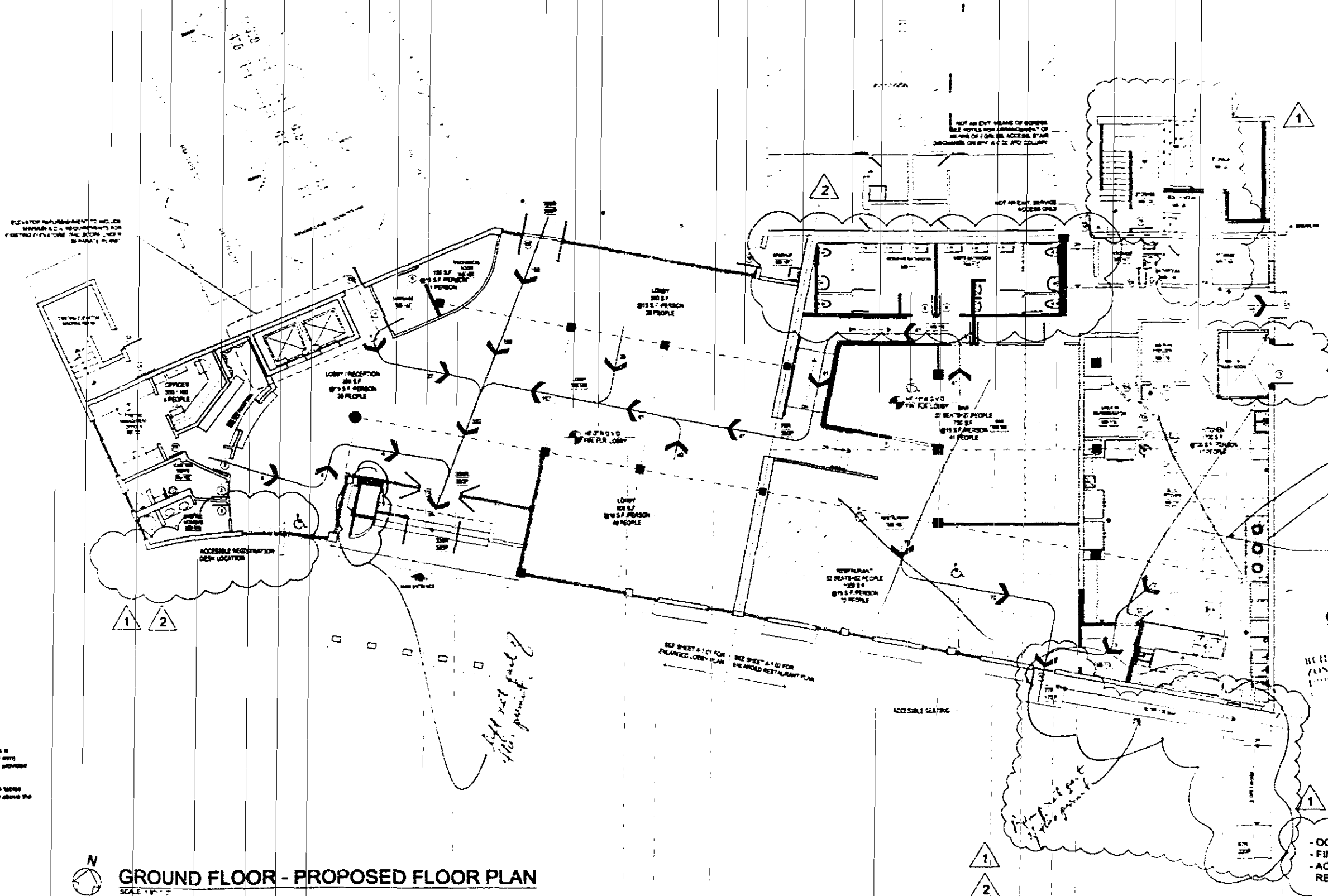


1 NEW SHEET AS PER
BLDG. DEPT. REQUEST



OFFICE CO
CITY OF MIAMI BEACH
APPROVED FOR PERM
DATE 6/17/14

PROJECT ARCHITECT ALISON SPEAR, A.I.A. 3815 NE MIAMI COURT, MIAMI, FL 33137 305-438-1200 fax 305-438-1221	
SEAL <i>Alison Spear</i> 4/3/04 ALISON SPEAR, AIA ARN 0010680	DRAWING TITLE LIDO SPA HOTEL MAIN BUILDING - RENOVATION 40 ISLAND AVENUE, MIAMI BEACH, FL 33139
DRAWING TITLE GROUND FLOOR EXISTING FLOOR PLAN	
DRAWN BY B.F.L.	CHECKED BY A.S.
ISSUES	
SHEET NO. A-0.04	



GROUND FLOOR - PROPOSED FLOOR PLAN

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

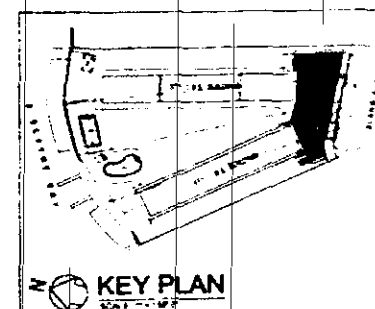
§11-4.22.3 Kiosk Clearances: If existing for people in wheelchairs is provided at tables or counters, knee clearances at least 27 in. (685 mm) high, 30 in. (762 mm) wide and 18 in. (457 mm) deep shall be provided. (See Figure 11.46)

§11-4.22.4 Height of Tables or Counters: The top of accessible tables and counters shall be from 28 in. to 34 in. (710 mm to 865 mm) above the finish floor or ground.

PLUMBING FIXTURE COUNT - LOBBY & RESTAURANT

TOTAL NUMBER OF PERSONS - 217

	REQUIRED	PROVIDED
MALE		
WATER CLOSETS	1	3
URINALS	1	3
LAVATORIES	1	5
FEMALE		
WATER CLOSETS	2	4
LAVATORIES	1	5



KEY PLAN

- OCCUPANT LOADS
- FINISHED FLOOR ELEVATIONS
- ACCESSIBLE SEATING THROUGHOUT RESTAURANT

OFFICE COPY
CITY OF MIAMI
APPROVED FOR PERMIT
THE FOLLOWING:

[Handwritten signatures and stamps]

PROJECT ARCHITECT
ALISON SPEAR, A.I.A.
3815 NE MIAMI COURT, MIAMI, FL 33137
305-438-1200 fax-305-438-1221

SEAL
[Handwritten signature]
ALISON SPEAR, AIA
AIA No. 43850

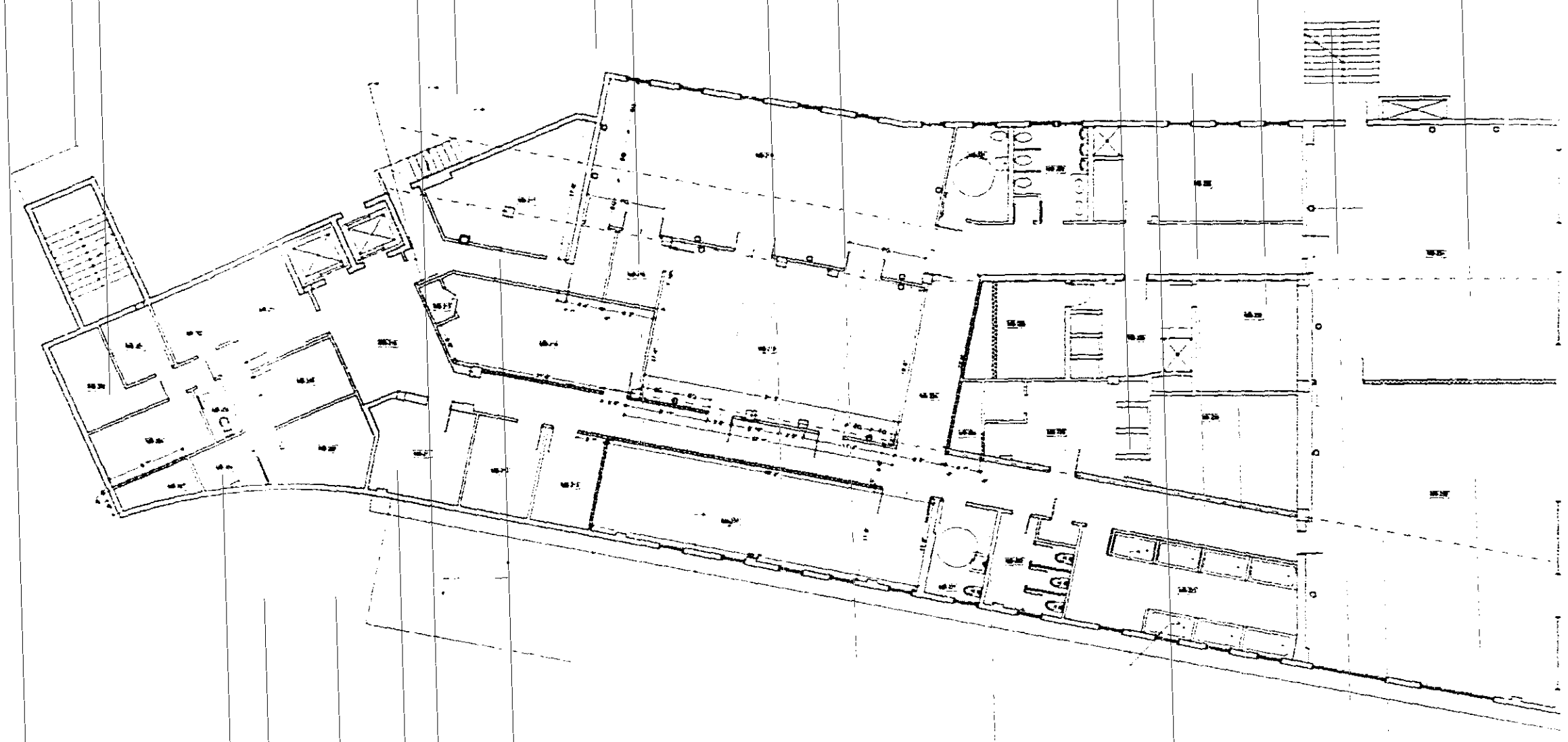
LIDO SPA HOTEL
MAIN BUILDING - RENOVATION
40 ISLAND AVENUE, MIAMI BEACH, FL 33139

DRAWING TITLE
GROUND FLOOR FLOOR PLAN

DRAWN BY B.F.L.
CHECKED BY A.S.
ISSUES

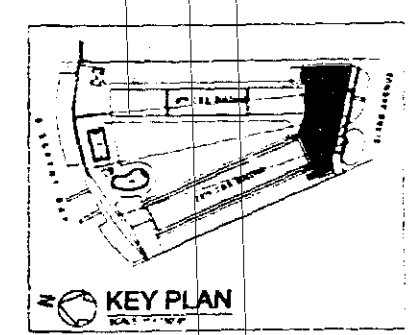
SHEET NO.

A-1.00



SECOND FLOOR - PROPOSED FUTURE FLOOR PLAN
SCALE: 1/8" = 1'-0"

NOTE: REPRESENTATION OF SECOND FLOOR IS FOR FIRE SPRINKLER DESIGN INTENT ONLY. ALL WORK ON THIS FLOOR WILL BE UNDER SEPARATE PERMIT.



OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR THE FOLLOWING:
BUILDING: [Signature]
ZONING: [Signature]
USE: [Signature]
CONCURRENCE: [Signature]
PLUMBING: [Signature]
ELECTRICAL: [Signature]
MECHANICAL: [Signature]
FIRE PROTECTION: [Signature]
ENGINEERING: [Signature]
PUBLIC WORKS: [Signature]
STRUCTURE: [Signature]
ELEVATION: [Signature]
As per Florida Building Code, Section 104.5.3
REVIEWED FOR CODE COMPLIANCE

PROJECT ARCHITECT
ALISON SPEAR, A.I.A.
180 NE 36th St., SUITE 222, MIAMI, FL 33137
305-438-1200 fax 305-438-1221

SEAL
[Signature]
2004
ALISON SPEAR, AIA
AIA 0310665

LIDO SPA HOTEL
MAIN BUILDING - RENOVATION
40 ISLAND AVENUE, MIAMI BEACH, FL 33139

DRAWING TITLE	SECOND FLOOR FUTURE FLOOR PLAN
DRAWN BY	B.F.L.
CHECKED BY	A.S.
ISSUES	
06-22-03	PERMIT ISSUE
SHEET NO.	A-1.00a