PRIVATE RESIDENCE
5 STAR ISLAND

MIAMI BEACH, FLORIDA

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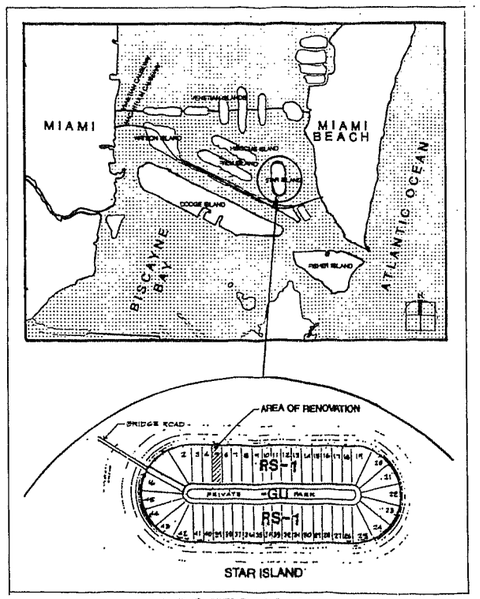
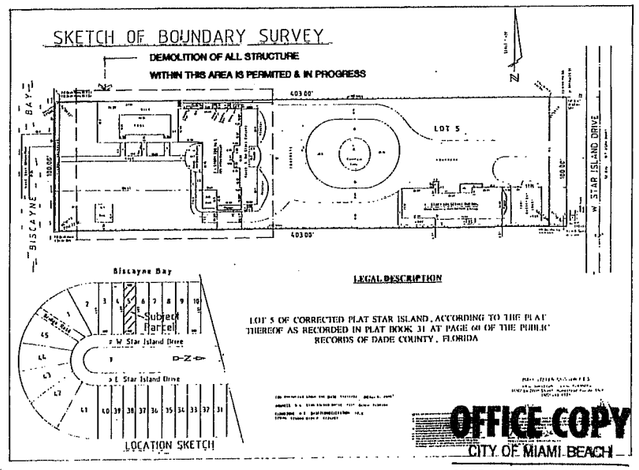


LOCATION MAP
NTS



LEGAL DESCRIPTION

LOT 5 OF CORRECTED PLAT STAR ISLAND, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 31 AT PAGE 60 OF THE PUBLIC RECORDS OF DADE COUNTY, FLORIDA

CITY OF MIAMI BEACH
RECEIVED
JAN 18 1995
BUILDING DEPARTMENT

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CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY THE FOLLOWING:

STRUCTURAL 1/19/95
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

APPROVED - SUBJECT TO ENGINEERING CRITIQUE

ARCHITECT
STA ARCHITECTURAL GROUP
420 LINCOLN ROAD. SUITE 507
MIAMI BEACH,FLORIDA 33139.
TEL. (305) 534 – 7741.

STRUCTURAL ENGINEER
DE LOS REYES ENGINEERING, INC.
7344 SW. 48 STREET. SUITE 202
MIAMI,FLORIDA 33155
TEL. (305) 665 – 2778.

PLUMB/HVAC/ELECT ENGINEER
ENERGY SCIENCES INC.
255 ALHAMBRA CIRCLE SUITE 412
CORAL GABLES,FLORIDA 33134
TEL. (305) 448 – 8826.

REVISIONS

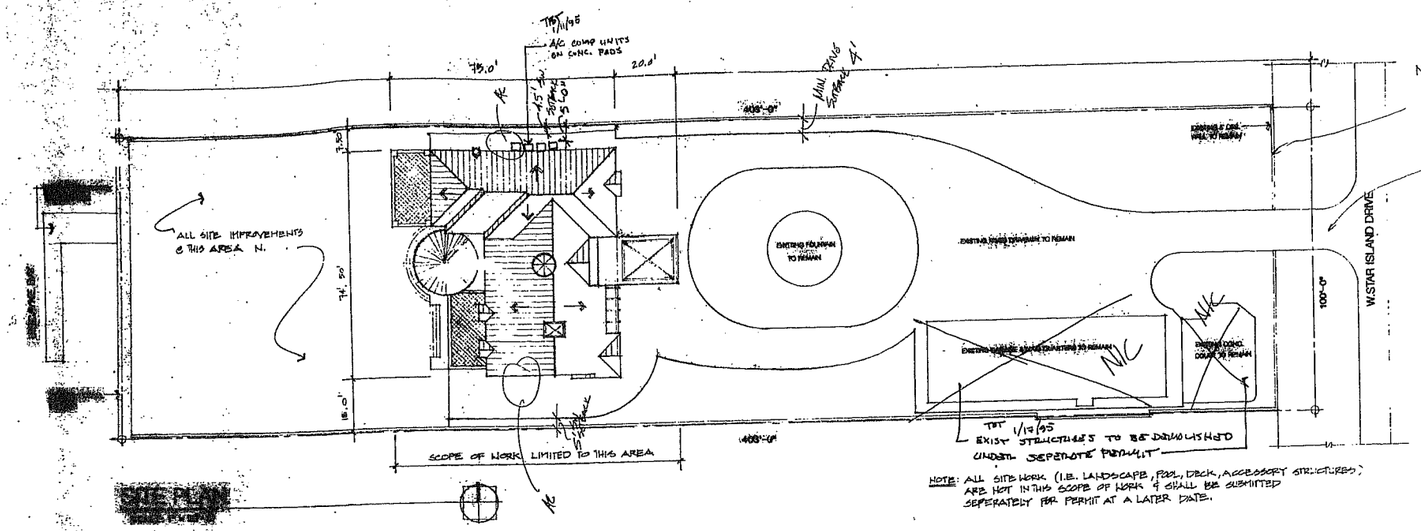
ARCHITECTURE · INTERIORS · PLANNING
STA
ARCHITECTURAL GROUP
AA0001168

1/9/95

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach florida

COVER SHEET

DRAWN
CHECKED
DATE 1/9/95
SCALE
JOB NO. 9425
SHEET A-0
OF SHEETS



1/11/95

Notes:

(1) EXISTING 5'CBS WALL MAY REMAIN ONLY IF IT'S LOCATED ON PRIVATE PROPERTY — MUST BE RELOCATED IF IT ENCROACHES

(2) PUBLIC WORKS PERMIT REQUIRED FOR DRIVEWAY APPROACH AND/OR ANY OTHER WORK DONE ON CITY R/W. THIS INCLUDES LANDSCAPING!

TBT 1/17/95
EXIST STRUCTURES TO BE DEMOLISHED UNDER SEPERATE PERMIT

NOTE: ALL SITE WORK (I.E. LANDSCAPE, POOL, DECK, ACCESSORY STRUCTURES) ARE NOT IN THIS SCOPE OF WORK & SHALL BE SUBMITTED SEPERATELY FOR PERMIT AT A LATER DATE.

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BUILDING:	
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PLUMBING:	
ELECTRICAL:	
MECHANICAL:	
FIRE PREVENTION:	
ENGINEERING:	

REVISIONS	BY

ARCHITECTURE · INTERIORS · PLANNING
STA
ARCHITECTURAL ASSOCIATES
A.A.0003198
Miami Beach, Florida 33139

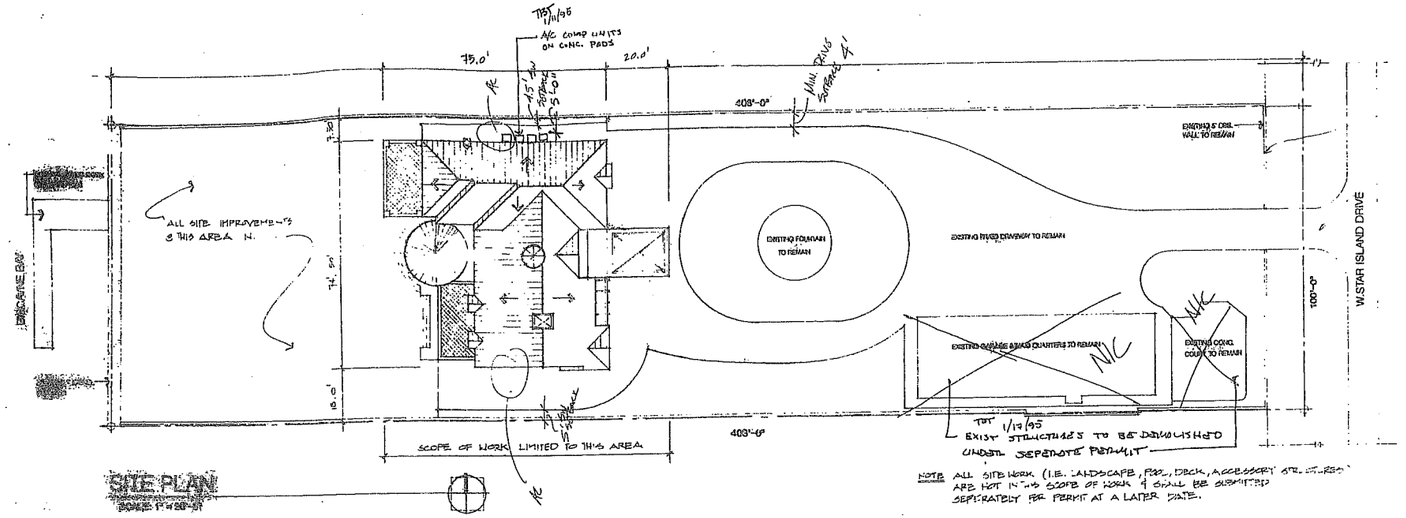
1/9/95

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach florida

SITE PLAN /GENERAL NOTES

DRAWN	
CHECKED	
DATE	1/9/95
SCALE	
JOB NO.	9426.00
SHEET	A-1
OF	SHEETS

GENERAL NOTES



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

1/11/95

Notes:

1) EXISTING 5'CBS WALL MAY REMAIN ONLY IF IT'S LOCATED ON PRIVATE PROPERTY — MUST BE RELOCATED IF IT ENCROACHES

2) PUBLIC WORKS PERMIT REQUIRED FOR DRIVEWAY APPROACH AND/OR ANY OTHER WORK DONE ON CITY R/W. THIS INCLUDES LANDSCAPING!

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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:

BUILDING: [illegible] 1/11/95
ZONING: _____
PLUMBING: _____
ELECTRICAL: _____
MECHANICAL: _____
FIRE PREVENTION: _____
ENGINEERING: _____

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE FOLLOWING:
   - SOUTH FLORIDA BUILDING CODE, LATEST EDITION.
   - ALL APPLICABLE LOCAL AND STATE CODES, ORDINANCES AND REGULATIONS.
   - NATIONAL ELECTRIC CODE, OSHA & NATIONAL BOARD OF FIRE UNDERWRITERS.
2. SITE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS. FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
3. THESE GENERAL NOTES AND TYPICAL DETAILS APPLY THROUGHOUT THE JOB UNLESS OTHERWISE NOTED OR SHOWN.
4. ALL CONDITIONS AND ALL APPLICABLE REQUIREMENTS OF THE CONTRACT BETWEEN THE CONTRACTOR AND OWNER SHALL GOVERN ALL SECTIONS OF THE SPECIFICATIONS.
5. ALL WORK THAT IS EITHER IMPLIED OR REASONABLY INFERABLE FROM THE CONTRACT DOCUMENTS, DRAWINGS AND SPECIFICATIONS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL DRAWINGS AND SPECS ARE INTENDED TO BE A DESCRIPTION OF THE CONTRACTOR AND THE INCLUSION OF ANY WORK BY WORDS, NOTE OR DETAIL, IDENTIFICATION OR REPLACEMENT SHALL BE BINDING UPON THE CONTRACTOR. SHALL PROVIDE AND INSTALL, MAKE ALL WORK PERFORMED TO BE PART OF A COMPLETED PACKAGE WITHIN THE DIRECTIONS OF NORMAL INDUSTRY STANDARDS.
6. SUBCONTRACTORS/ENGINEER SHALL NOT BE RESPONSIBLE FOR, NOR HAVE CONTROL OR CHARGE OF THE CONSTRUCTION MEANS, METHODS, SEQUENCES OR FOR THE SAFETY PRECAUTIONS AND PROGRAMS.
7. PROVIDE SEPARATE PERMITS REQUIRED FOR FIRE PROTECTION, PLUMBING, ELECTRICAL AND MECHANICAL WORK. AIR CONDITIONING AND VENTILATION PERMIT TO BE THE RESPONSIBILITY OF THE MECHANICAL SUBCONTRACTOR AND HIS SUB-CONTRACTORS.
8. THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES. STRUCTURAL, PLUMBING, FIRE PROTECTION, ELECTRICAL & AIR CONDITIONING AT THE TIME THE WORK IS PERFORMED ON THE STRUCTURE. NO ADDITIONAL PAYMENTS SHALL BE MADE FOR THE CONTRACTOR'S FAILURE TO CORRECT CONFLICTING FIELD CONDITIONS AFTER THE WORK HAS BEGUN.
9. ALL PERMITS, INSPECTIONS, APPROVALS, ETC. SHALL BE APPLIED FOR AND PAID FOR (AS PART OF BID PRICE) BY ——— CONTRACTOR IN ALL PHASES OF THE WORK, AND HE SHALL BE RESPONSIBLE FOR THE COORDINATION OF INSPECTION AND APPROVAL OF THE WORK. FINAL BUILDING PERMITS SHALL BE OBTAINED BY THE CONTRACTOR.
10. [illegible] THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AFFECTING THE WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE SUBMISSION OF BIDS.
11. [illegible] ALL EXISTING CONDITIONS AND DIMENSIONS SHOWN ON THE DRAWINGS ARE BASED ON AVAILABLE RECORDS AND LIMITED FIELD OBSERVATIONS. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY WORK PERFORMED PRIOR TO VERIFICATION OF CONDITIONS AND DIMENSIONS.
12. [illegible] THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY AND BE LIABLE FOR ANY DAMAGE TO THE ADJACENT PROPERTY DURING CONSTRUCTION.
13. [illegible] ANY DAMAGED WORK, INCLUDING PAINTING AND FINISHES DAMAGED DURING THE COURSE OF THE WORK, SHALL BE REPAIRED AND REFINISHED AT CONTRACTOR'S EXPENSE.
14. [illegible] THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING AND BRACING AS REQUIRED DURING CONSTRUCTION TO PROTECT ADJACENT PROPERTY AND IMPROVEMENTS.
15. BEFORE COMMENCING WITH THE WORK, THE CONTRACTOR SHALL HAVE WITH THE OWNER CURRENT INSURANCE CERTIFICATIONS IN THE AMOUNTS REQUIRED BY THE OWNER FOR WORKMEN COMPENSATION, COMPREHENSIVE GENERAL LIABILITY, BODILY INJURY AND PROPERTY DAMAGE. IT IS THE INTENTION OF THE PARTIES THAT THE CONTRACTOR SHALL INDEMNIFY THE OWNER AND ARCHITECT FOR ANY AND ALL COSTS, CLAIMS, SUITS, AND JUDGEMENTS FOR PROPERTY DAMAGE AND PERSONAL INJURY, ARISING OUT OF THE WORK OF THE CONTRACTOR.
16. DISCREPANCIES.
    THE OWNER'S, CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THIS PROJECT THOROUGHLY BEFORE THE SITE, THE DRAWINGS AND SPECS, SO AS TO THOROUGHLY UNDERSTAND THE WORK. ANY AND ALL DISCREPANCIES AND OMISSIONS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO COMMENCEMENT OF ANY WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT DISCREPANCIES AND OMISSIONS ARE RESOLVED AND CLARIFICATION OBTAINED FROM THE ARCHITECT PRIOR TO WORK BEING DONE. ANY WORK PERFORMED OTHERWISE SHALL BE AT THE RESPONSIBILITY PERFORMED, INSTALLED OR REFABRICATED WITH THE CORRECTED SAME BEING DONE BY THE CONTRACTOR. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY THE GC. COORDINATION PRIOR TO WORK BEING DONE.
17. OMISSIONS. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS, THEN SUCH CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS WHICH ARE SHOWN.
18. ALL MATERIALS USED SHALL BE NEW AND DELIVERED TO THE JOB IN ORIGINAL SEALED CONTAINERS BEARING ORIGINAL MANUFACTURERS LABELS.
19. ALL COLORS SHALL BE AS SELECTED BY THE OWNER/ARCHITECT.
20. THE GENERAL CONTRACTOR SHALL LEAVE ALL CHASES, HOLES, OR OPENINGS THAT ARE IN PROPER SIZE AND IN THE RIGHT WORK OR CUT SAME IN EXISTING WORK AS MAYBE REQUIRED FOR THE INSTALLATION OF HIS OWN OR OTHER CONTRACTORS CONCEALED WORK. ALL CUTTING AND FITTING WITH OTHER CONTRACTORS CONCEALED WORK SHALL BE DONE CAREFULLY AND NEAT AS POSSIBLE. IN CASE OF ANY FAILURE TO DO SAME, OR IN THE EVENT THAT IN THE PROPER PLACE, HE SHALL CUT THROUGH AFTERWARDS AS DIRECTED. NO EXCESSIVE CUTTING WILL BE PERMITTED FOR SLEEVES OR STRUCTURAL MEMBERS SHALL BE CUT WITHOUT THE CONSENT OF THE ARCHITECT. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE COORDINATION OF ALL THE WORK OF TRADES PRIOR THE COORDINATION, REPAIRS AND PREPARATION FOR THE WORK OF ANY OTHER TRADES WHICH WILL BE SUBSEQUENTLY LET UNDER SEPARATE CONTRACT BY THE OWNER.
21. ALL CONTRACTORS WORK SHALL BE PERFORMED IN A FIRST CLASS WORKMANLIKE MANNER, MAINTAINED AND ALIGNING ALL SURFACES WHERE APPLICABLE TO VERTICAL & HORIZONTAL PLANES, ETC. ... CONTRACTOR SHALL CLEAN ALL SURFACES FREE OF ALL DIRT AND DEBRIS CAUSED BY DEBRIS FROM ALL INSTALLATION PROCEDURES OF THE TRADE. ALL ADJACENT SURFACES TO WHICH WORK IS TO BE APPLIED, BE LEFT AS THEY APPEAR PRIOR TO THE COMMENCEMENT OF THE CONTRACTORS WORK, TO BE DONE. CONTRACTOR SHALL PROPERLY PROTECT ALL ADJACENT SURFACES DURING THE COURSE OF HIS & ALL OTHERS WORK. ALL GLASS AND HARDWARE SHALL BE THOROUGHLY CLEANED BY A CLEANER ACCEPTABLE TO THE OWNER.
22. THE CONTRACTOR SHALL GUARANTEE IN WRITING IN FORM AS ACCEPTABLE TO THE OWNER, ALL LABOR AND MATERIALS INSTALLED BY HIM FOR A PERIOD OF NOT LESS THAN (1) ONE YEAR AFTER DATE OF ACCEPTANCE OF WORK BY THE OWNER, EXCEPT AS MODIFIED HEREIN OR ON OTHER DRAWINGS. SHOULD DEFECTS OCCUR, ALL WORK SHALL BE REPLACED OR PROPERLY REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
23. ALL REQUIRED TESTS SHALL BE PERFORMED AT THE EXPENSE OF THE CONTRACTOR AND BY INDEPENDENT TESTING LABORATORIES. TEST RESULTS SHALL BE SUBMITTED TO THE ARCHITECT.
24. ALL WORK AND/OR MATERIAL SHALL BE FURNISHED IN STRICT ACCORDANCE WITH MANUFACTURERS DIRECTIONS, INDUSTRY STANDARDS AND/OR SPECIFICATIONS.
25. SHOP DRAWINGS AND SAMPLES FOR ITEMS DESIGNATED BY THIS ARCHITECT SHALL BE SUBMITTED TO THE OWNER / ARCHITECT FOR APPROVAL.
26. SUBSTANTIAL COMPLETION SHALL BE ATTAINED WHEN ALL PHASES OF THE WORK ARE COMPLETED INCLUDING ALL FINAL PUNCH LIST ITEMS, REGARDLESS OF OWNER'S OCCUPANCY OF THE IMPROVEMENT.
27. NO CLAIMS FOR EXTRAS OR CHANGE ORDERS WILL BE GIVEN CONSIDERATION UNLESS THEY ARE IN WRITING AND SIGNED BY THE ARCHITECT, THE CONTRACTOR AND THE OWNER.
28. THE GENERAL CONDITIONS OF THE CONTRACT FOR THE CONSTRUCTION OF BUILDINGS" OF THE AMERICAN INSTITUTE OF ARCHITECTS, DOCUMENT A-201, LATEST ADDITION, ARE HEREBY MADE PART OF OF CONTRACT DOCUMENTS. THESE GENERAL NOTES, SPECIFICATIONS AND CONTRACT BETWEEN THE OWNER AND CONTRACTOR SHALL TAKE PRECEDENCE OVER THE "GENERAL CONDITIONS" IN THE EVENT OF A CONFLICT.
29. GENERAL CONTRACTOR TO SECURE ALL POINTS OF ENTRY DURING CONSTRUCTION AND IS TO COORDINATE WITH THE OWNER MEANS OF INGRESS AND EGRESS OF CONSTRUCTION WORKERS, MATERIALS, SUPPLIES, EQUIPMENT, TRASH, ETC.
30. SCHEDULE OF VALUES:
    CONTRACTOR SHALL SUBMIT A DETAILED COST BREAKDOWN "SCHEDULE OF VALUES" IN THE FORM OF AIA G702 PRIOR TO THE FIRST PAYMENT. THIS SCHEDULE OF VALUES SHALL CLOSELY FOLLOW THE STANDARD CSI FORMAT, AND SHALL BREAKDOWN UNITS OF WORK IN SUFFICIENT DETAIL TO ALLOW ARCHITECT TO EVALUATE THE VALUES OF WORK COMPLETED. THE BREAKDOWN SHALL BE A TRUE REFLECTION OF THE COST OF THE WORK AND SHALL NOT BE "FRONT-END" LOADED. THE SCHEDULE OF VALUES SHALL BE SUBJECT TO THE ARCHITECT'S APPROVAL. RETAINAGE SHALL BE 5% AND SHALL BE HELD UNTIL SUBSTANTIAL COMPLETION OF WORK.

    CONSTRUCTION SCHEDULE:
    PRIOR TO THE FIRST PAYMENT THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF THE CONSTRUCTION WORK, INDICATING CRITICAL PATH ITEMS, DATES OF SUBMITTAL, AND DATES OF PROJECT MEETINGS.
    SCHEDULE SHALL INDICATE EACH INDIVIDUAL SUBCONTRACTOR AND COMPONENT OF WORK.
    CONTRACTOR SHALL ALLOW TEN (10) WORKING DAYS FOR ARCHITECT'S REVIEW OF ALL SUBMITTALS.
    SCHEDULE SHALL BE SUBJECT TO ARCHITECT'S APPROVAL.
    SCHEDULE SHALL BE UPDATED ON A MONTHLY BASIS AS A PREREQUISITE TO PAYMENTS.
32. HURRICANE PROTECTION COMPLIANCE.

    PROVIDE A HURRICANE PANEL SYSTEM FOR EACH WINDOW OPENING TO FULLY MEET CURRENT "SOUTH FLORIDA BUILDING CODE" REQUIREMENTS.
    SUBMIT SHOP DRAWINGS AND COMPUTATIONS BY A FLORIDA REGISTERED ENGINEER FOR ARCHITECT REVIEW AND APPROVAL.

REVISIONS	BY

ARCHITECTURE • INTERIORS • PLANNING
STA
ARCHITECTURAL GROUP
AA0001169
Miami Beach, Florida 33139

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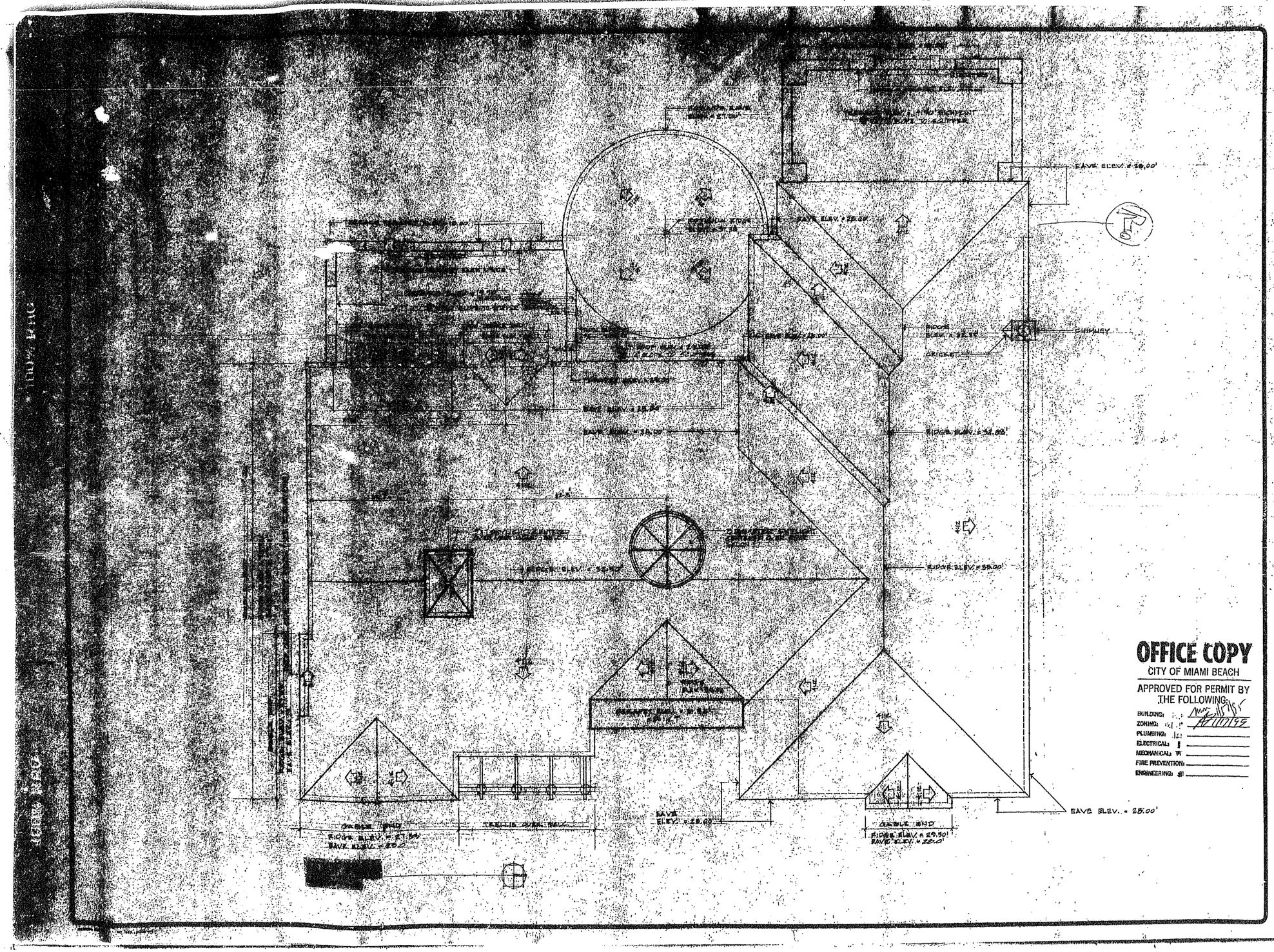
1/13/95

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach florida

SITE PLAN
/GENERAL NOTES

DRAWN	
CHECKED	
DATE	1/0/95
SCALE	
JOB NO.	9425.00
SHEET	A-1
OF	SHEETS



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THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

ROOF PLAN

DRAWN
CHECKED
DATE 1/8/96
SCALE 1/4"=1'-0"
JOB NO.
SHEET
A-4
OF SHEETS

11

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EAVE ELEV. = 28.00'

RIDGE ELEV. = 32.50'

CHIMNEY

RIDGE ELEV. = 32.50'

RIDGE ELEV. = 32.50'

RIDGE ELEV. = 39.00'

EAVE ELEV. = 28.00'

GABLE END
RIDGE ELEV. = 27.50'
EAVE ELEV. = 25.0'

TRELLIS OVER BALC.

EAVE
ELEV. = 28.00'

GABLE END
RIDGE ELEV. = 29.50'
EAVE ELEV. = 28.0'

EAVE ELEV. = 28.00'

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BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

ROOF PLAN

DRAWN	
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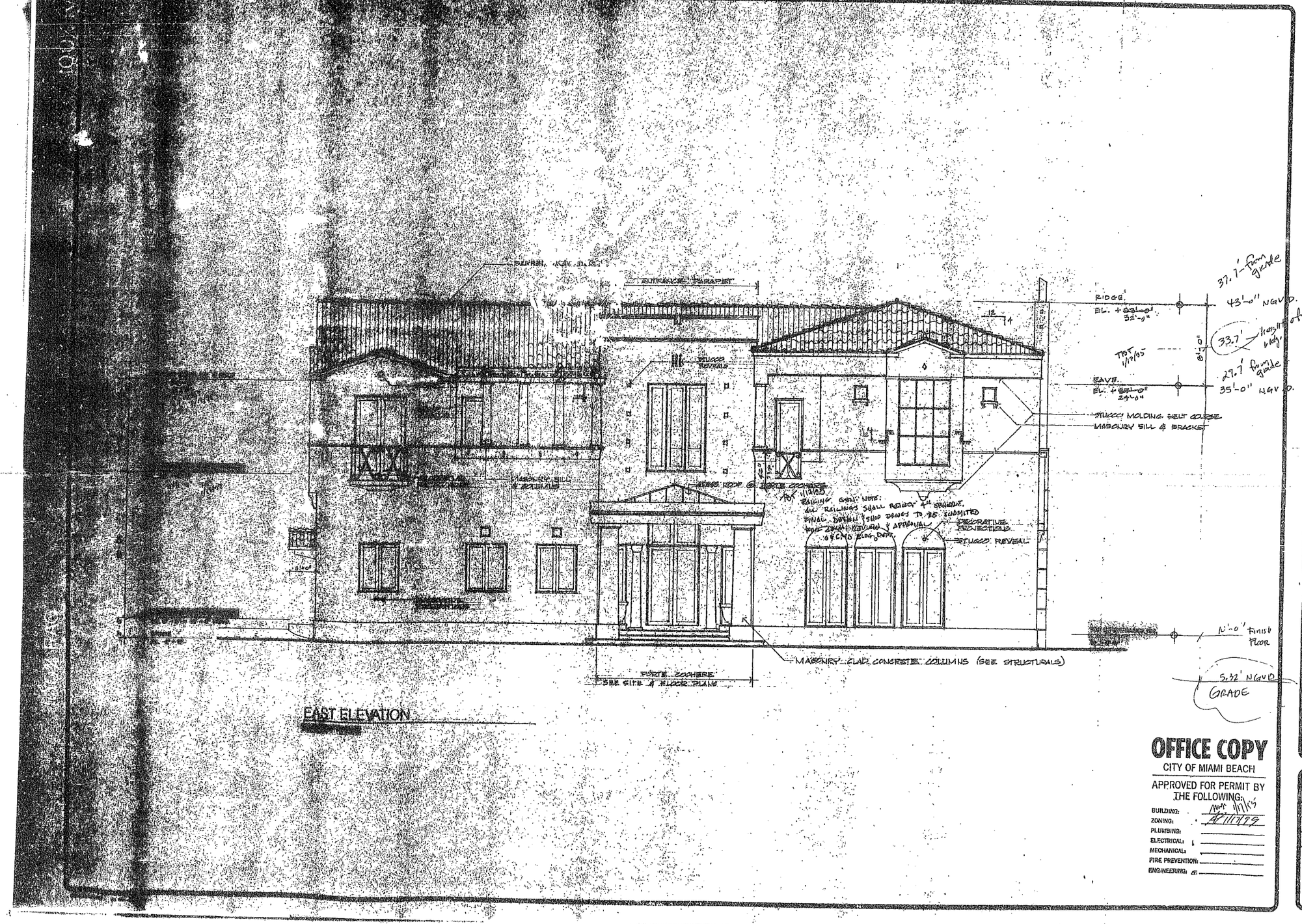
DATE	1/8/08
SCALE	1/4"=1'-0"
JOB NO.	0405
SHEET	A-4
OF	SHEETS

11



EAST ELEVATION

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Miami Beach, Florida 33139

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5 STAR ISLAND DRIVE
Miami Beach, Florida

EAST ELEVATION

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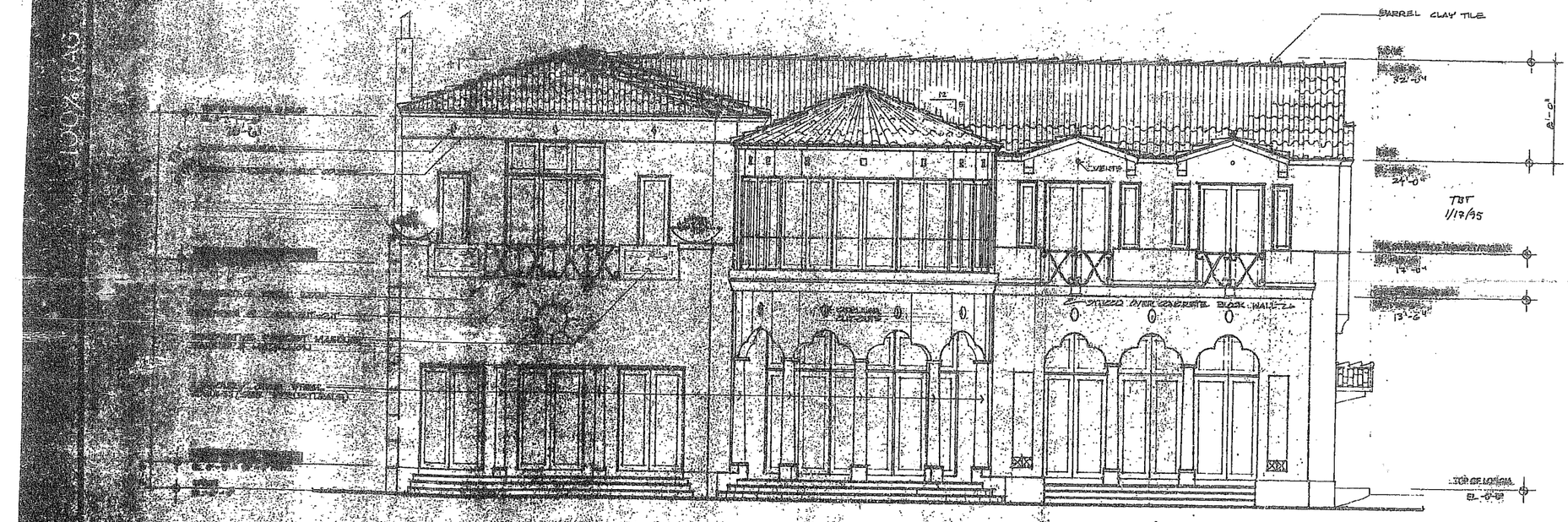
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

DRAWN	
CHECKED	
DATE	1/8/05
SCALE	1/4" = 1'-0"
JOB NO.	0428.00
SHEET	A-5
OF	SHEETS



WEST ELEVATION

TBT
1/17/95

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BUILDING:
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PLUMBING:
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MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

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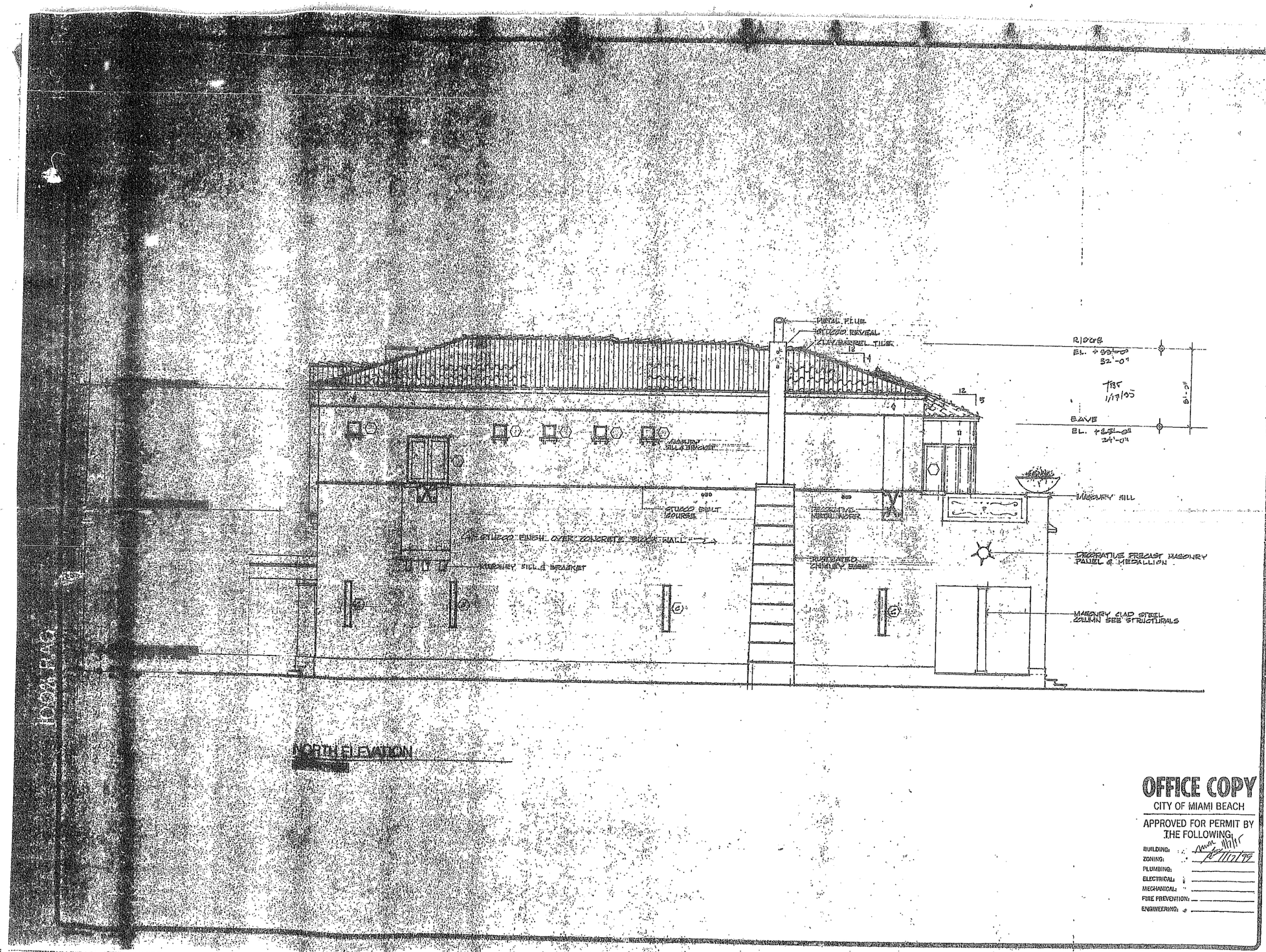
AA0001169

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
Miami Beach, Florida

WEST ELEVATION

DRAWN	
CHECKED	
DATE	1/9/95
SCALE	1/4" = 1'-0"
JOB NO.	9425.00
SHEET	A-6

11



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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING: [signature] 1/17/95
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

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CORP
AA0001152
Miami Beach, Florida

1/17/95

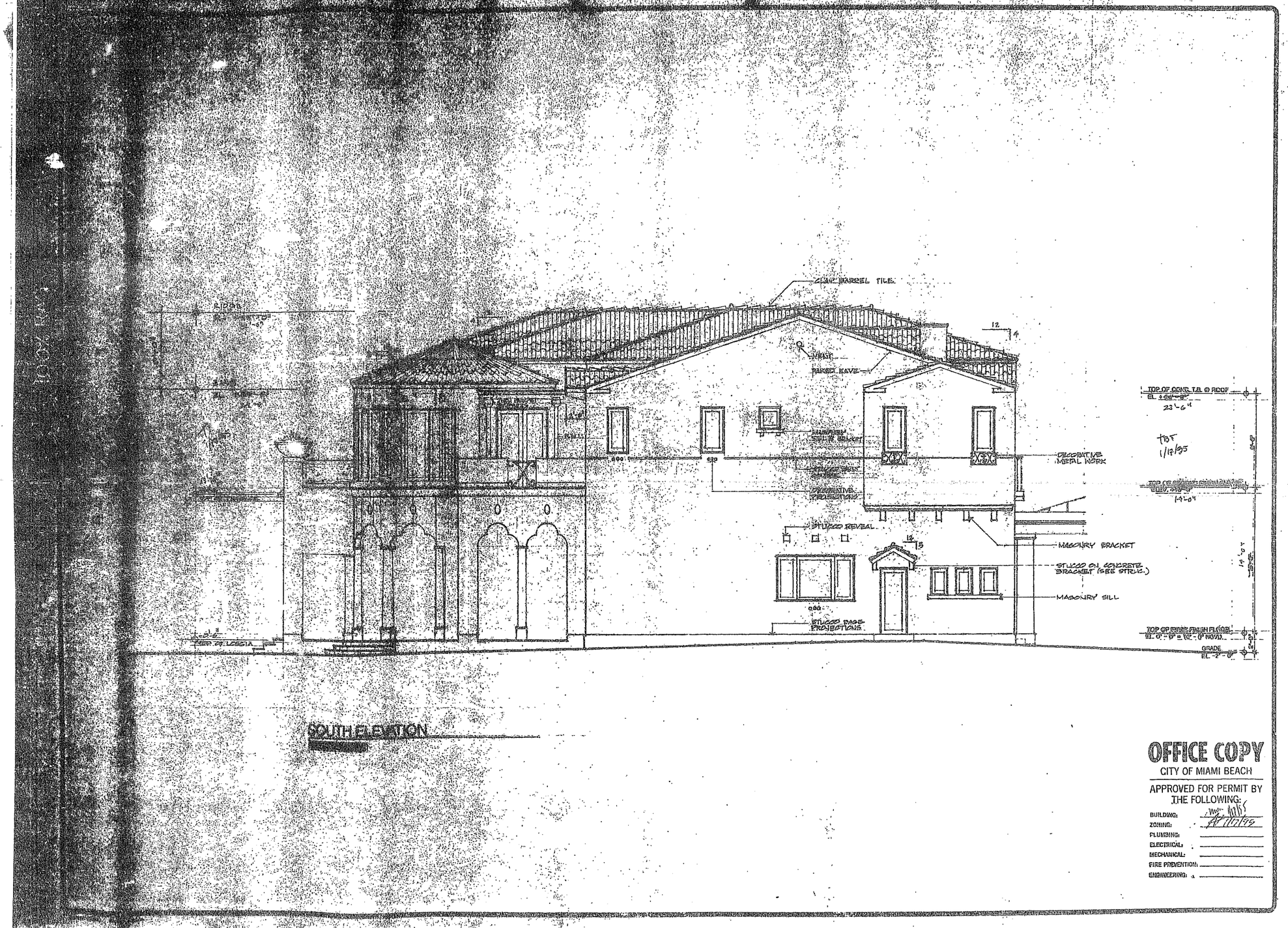
PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach florida

NORTH ELEVATION

DRAWN	
CHECKED	
DATE	1/17/95
SCALE	1/4" = 1'-0"
JOB NO.	9425.00
SHEET	

A-7

OF SHEETS



SOUTH ELEVATION

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5 STAR ISLAND DRIVE
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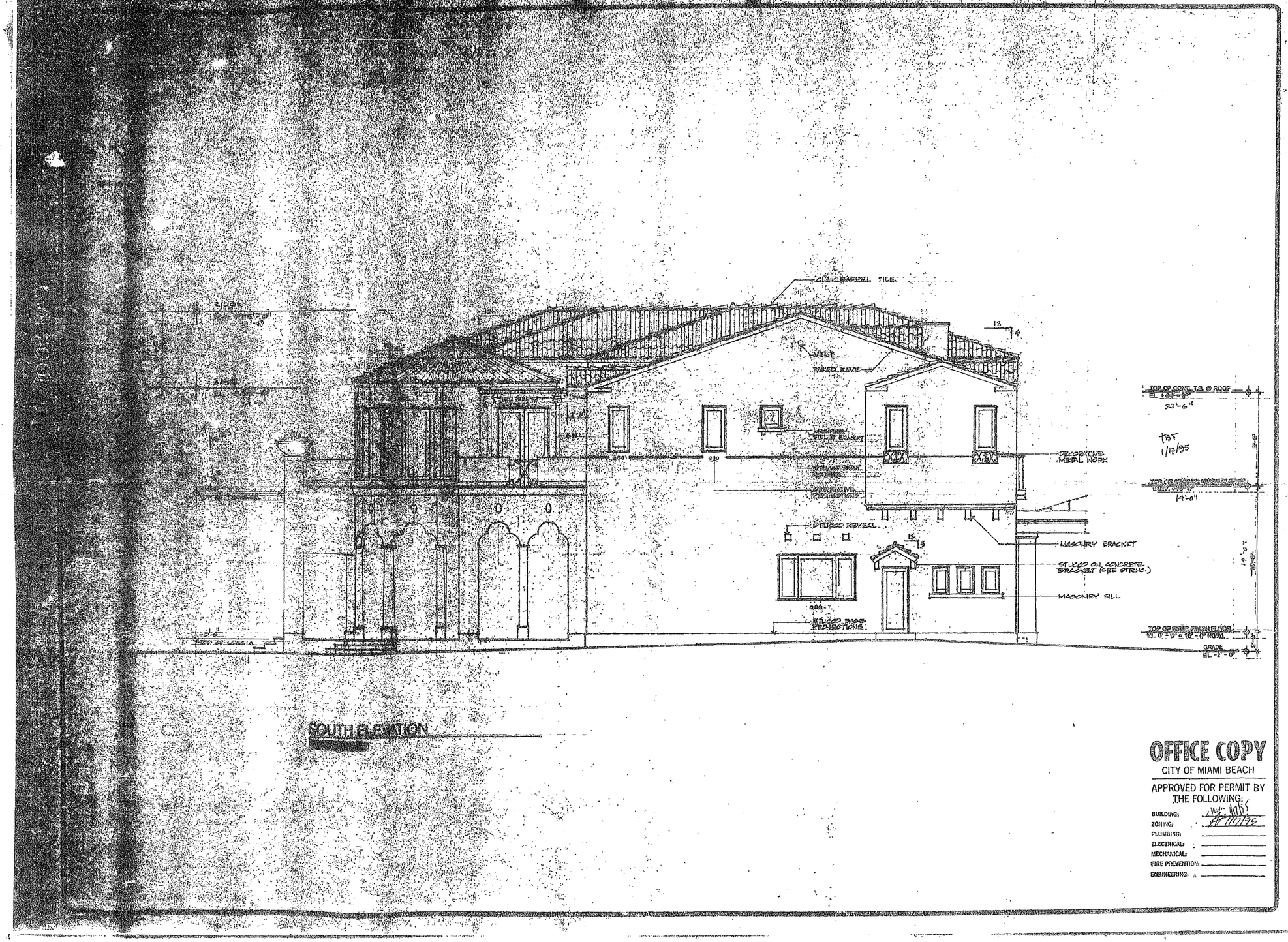
SOUTH ELEVATION

DRAWN
CHECKED
DATE
1/6/95
SCALE
1/4" = 1'-0"
JOB NO.
9425.00
SHEET
A-8
OF SHEETS



SOUTH ELEVATION

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PLUMBING:
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MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

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AA0001103

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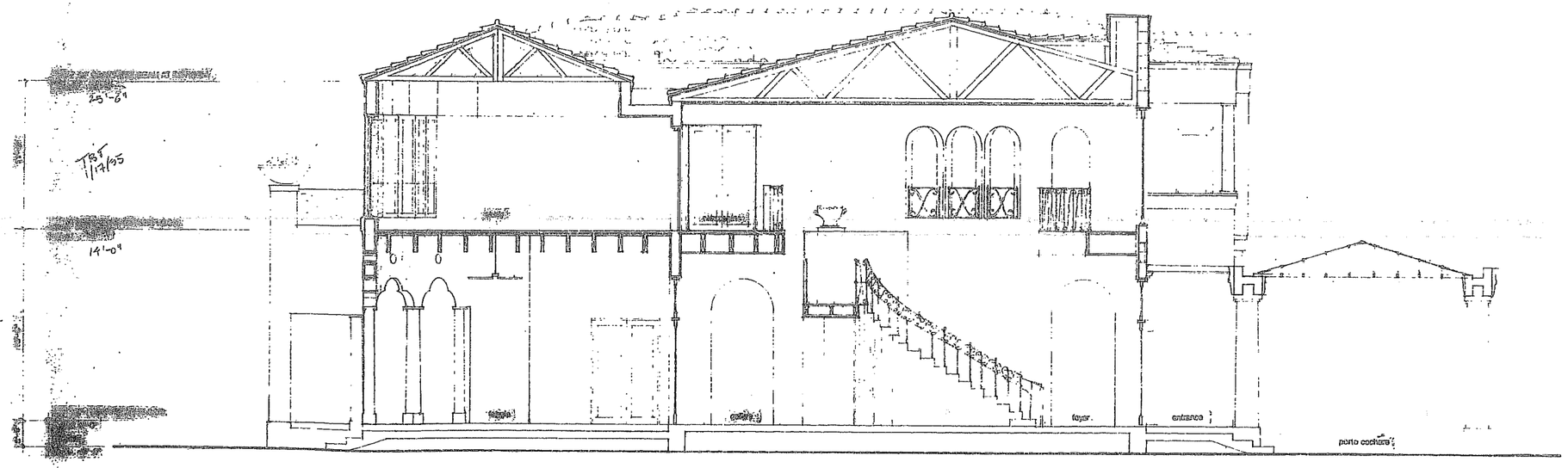
5 STAR ISLAND DRIVE
Miami Beach, Florida

SOUTH ELEVATION

CHECKED
DATE 1/6/95
SCALE 1/4" = 1'-0"
JOB NO. 9425.00
SHEET
A-8
DRAWN

11



BUILDING SECTION A-A
SCALE 1/4"=1'-0"

TBF 1/19/05

REVISIONS	BY

STA
AA0001103

1/5/05

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach, florida

BUILDING SECTION A-A

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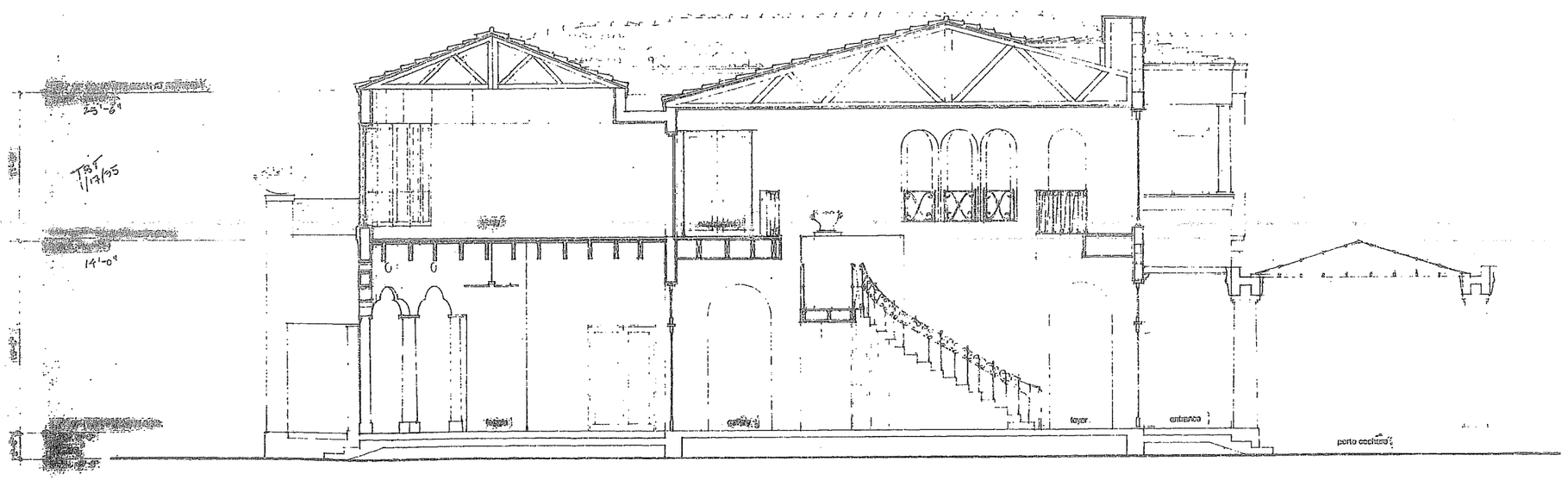
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:

BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

DRAWN	
CHECKED	
DATE	1/5/05
SCALE	1/4" = 1'-0"
JOB NO	0526
SHEET	A-9
OF	SHEETS



BUILDING SECTION "A-A"
SCALE 1/4"=1'-0"

REVISIONS	BY

STA
ARCHITECTS

1/19/95

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Miami Beach, Florida

BUILDING SECTION A-A

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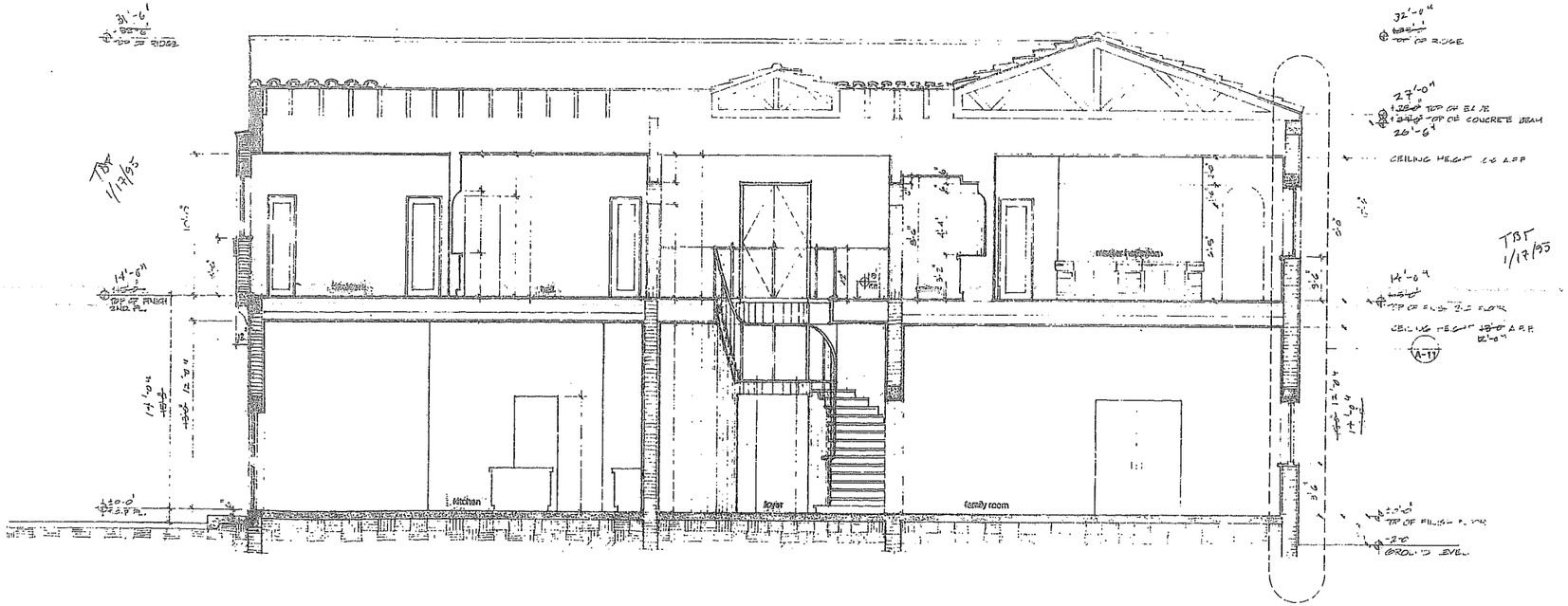
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

DRAWN	
CHECKED	
DATE	1/0/95
SCALE	1/4" = 1' - 0"
JOB NO	9525
SHEET	A-9
OF	SHEETS



BUILDING SECTION B-B

SCALE 1/4" = 1'-0"

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BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

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AA0001162

1/5/95

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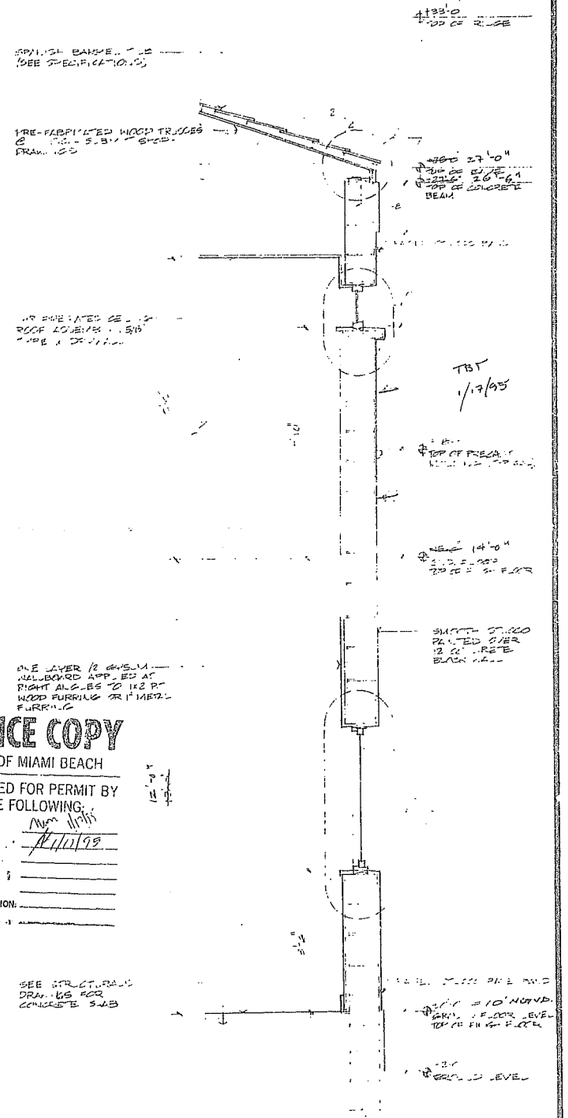
Miami Beach, Florida

BUILDING SECTION B-B

DRAWN	
CHECKED	
DATE	1/6/95
SCALE	1/4" = 1'-0"
JOB NO	9425
SHEET	A-10
OF	SHEETS



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ZONING:
PLUMBING:
ELECTRICAL:
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Miami Beach, Florida

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miami beach florida

EXTERIOR
WALL SECTION

DRAWN	
CHECKED	
DATE	1/9/95
SCALE	
JOB NO	9425
SHEET	A-11
OF	SHEETS

FINISH SCHEDULE

AREA	FLOOR	BASE	WALLS	CEILING FINISH	CEILING HGHT	REMARKS
	TILE	TILE	PAINTED	GYP BOARD		
	MARBLE	MARBLE	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	TILE	TILE	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	TILE	TILE	PAINTED	GYP BOARD		
	TILE	TILE	PAINTED	GYP BOARD		
	TILE	TILE	PAINTED	GYP BOARD		
	TILE	TILE	PAINTED	GYP BOARD		
	TILE	TILE	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	MARBLE	MARBLE	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	TILE	TILE	PAINTED	WOOD		
	TILE	TILE	PAINTED	WOOD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	MARBLE	MARBLE	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	WOOD	WOOD	PAINTED	GYP BOARD		
	TILE	TILE	PAINTED	WOOD		

WINDOW SCHEDULE

SYM.	TYPE	SIZE	H	SILL	JAMB	HD	REMARKS

GENERAL NOTES & NOTES

ALL NEW WINDOWS AND DOORS TO HAVE DADE COUNTY NOA/FBC APPROVAL.

ALL WINDOWS TO BE FINISHED IN A COLOR TO BE SELECTED BY THE ARCHITECT.

ALL ALUMINUM SURFACES IN CONTACT WITH CEMENTITIOUS MATERIALS TO BE PROTECTED FROM GALVANIC ACTION BY COATING CONCEALED SURFACES WITH ALKITHENED ROOF COATING. USE ONLY NON-MAGNETIC STAIN. STL. OR GALVANIZED FASTENERS, PAINTED TO MATCH FRAMES AFTER INSTALLATION.

WINDOW BOTTOM SASH TO BE TEMPERED GLASS.

ALL NEW WOOD FRAMING TO BE PRESSURE TREATED UNLESS OTHERWISE SPECIFIED.

ALL GLASS SHALL BE CLEAR, MIN. THICKNESS 1/8" FOR MOVABLE UPPER PANEL & SAFETY GLASS FOR FIXED LOWER PANEL.

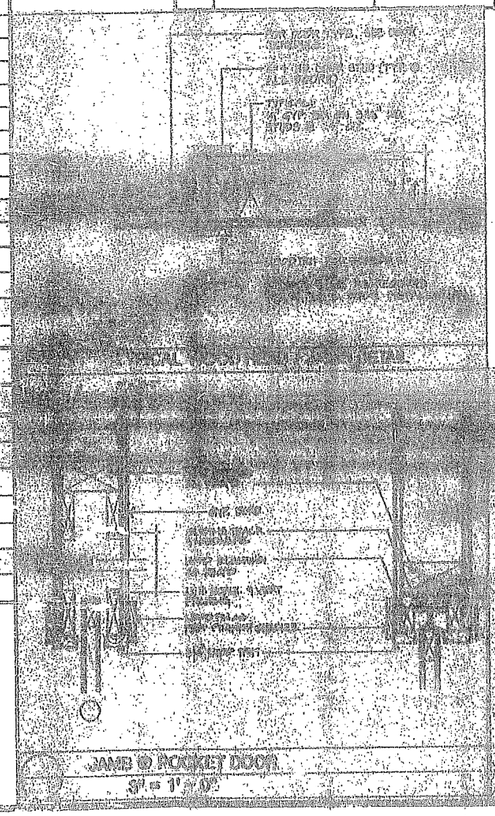
ALL WINDOWS TO BE PROPERLY BACK BEDDED WITH NON-HARDENING MASTIC SEALANT, AND PROPERLY SEALED AT PERIMETER USING BACKING RODS AND TAPE AS REQ'D

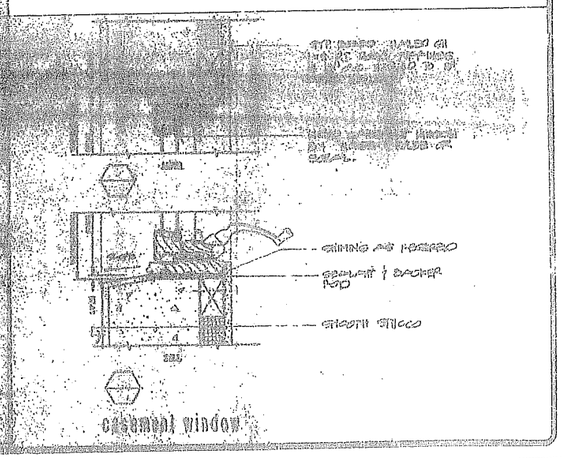
ANCHOR AND FASTEN WINDOWS AS REQ'D. BY S.F.B.C.

PROVIDE MINOR GUARDS FOR BOTTOM SASH AS REQ'D. TO COMPLY WITH S.F.B.C. (GUARDRAILS AT 3'-6" A.F.F. AND 3'-11" A.F.F.)

DOOR SCHEDULE

SYM.	DOOR TYPE	SIZE	ELEV	MATERIAL DOOR	MATERIAL FRAME	FINISH	LABEL	THRESH	HDW.	REMARKS
1	WOOD PANEL SWING	(2) 3'-0"x8'-0"x 1 3/4"	1	WOOD	WOOD		"B"	MARBLE		
2	WOOD PANEL SWING	3'-0"x8'-0"x 1 3/4"	2	WOOD	WOOD		"B"	BRONZE		
3	WOOD W/GLASS PANEL SWING	(2) 2'-6"x8'-0"x 1 3/4"		WOOD/GLASS	WOOD			BRONZE		F/X PANEL DOORS GALLERY & MASTER BEDROOM
4	WOOD PANEL SWING	2'-0"x8'-0"x 1 3/4"		WOOD	WOOD			MARBLE ☒		1ST & EARTH FLOOR ONLY
5	WOOD PANEL SWING	2'-0"x8'-0"x 1 3/4"		WOOD	WOOD			NONE		
6	WOOD PANEL POCKET	(2) 3'-0"x8'-0"x 1 3/4"		WOOD	WOOD			NONE		
7	WOOD PANEL POCKET	2'-6"x8'-0"x 1 3/4"		WOOD	WOOD			MARBLE		
8	WOOD PANEL POCKET	2'-0"x8'-0"x 1 3/4"		WOOD	WOOD			MARBLE		
9	WOOD W/GLASS PANEL SWING	2'-6"x8'-0"x 1 3/4"		WOOD/GLASS	WOOD			BRONZE		
10	WOOD PANEL SWING	3'-0"x8'-0"x 1 3/4"		WOOD	WOOD			NONE		
11	GLASS SWING	2'-0"x 7'-0"x		GLASS	METAL			METAL TRACK		
12	GLASS SWING	2'-6"x 7'-0"x		GLASS	METAL			METAL TRACK		





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MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

REVISIONS	BY

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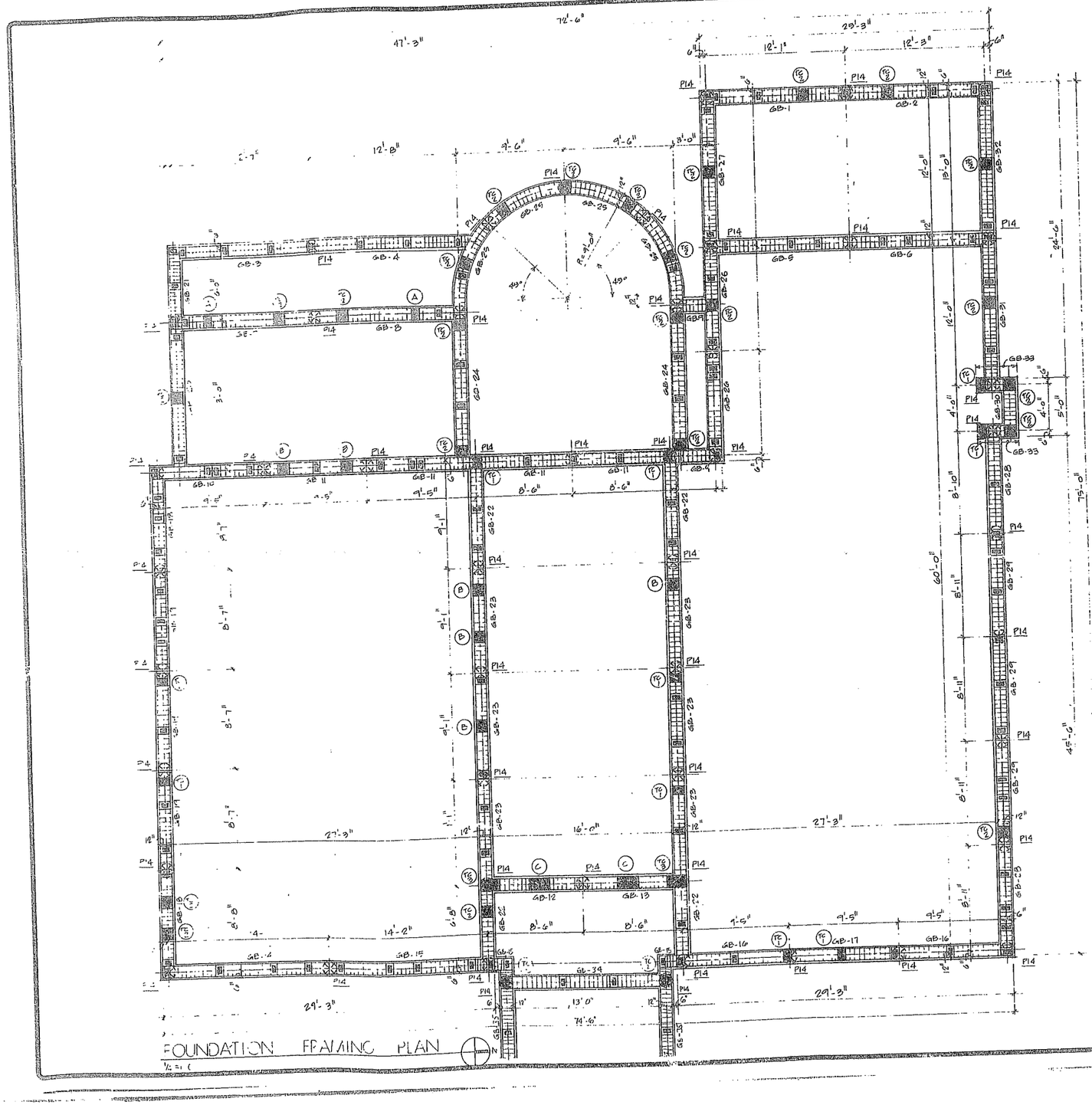
STA
ARCHITECTS
AA0001135
Miami Beach, Florida 33140

FINISH, WINDOW & DOOR SCHEDULES

DRAWN	
CHECKED	
DATE	1/20/93
SCALE	
JOB NO.	92330
SHEET	A-12
OF	SHEETS



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ZONING: AE 11/17/95
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

P14 14" ø ANGLE - CAST CONC. PILE INSTALLED TO 25 TON CAPACITY AS NOTED, SEE STRUCTURAL NOTES IN DWG. S-0

FEMA NOTE:
CONCRETE MASONRY WALLS BELOW FLOOD ELEVATION HAVE BEEN DESIGNED TO WITHSTAND HYDROSTATIC FLOOD FORCES.

FOR LOCATION OF PLUMBING AND COLUMNS SEE DWG. S-0

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS

REVISIONS	BY

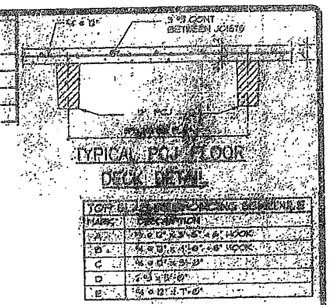
SIA
ARCHITECTURE INTERIORS PLANNING
ARCHITECTURAL CORPORATION
AA0011108
12 Sunrise Way
Miami Beach, Florida 33154

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
Miami Beach, Florida

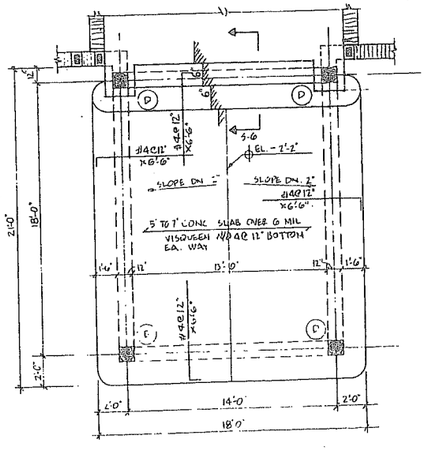
FOUNDATION FRAMING PLAN

DRAWN	
CHECKED	DLR
DATE	11/19/95
SCALE	AS NOTED
JOB NO.	95
SHEET	S-1

PRECAST CONCRETE JOIST SUPERIMPOSED LOADS	
DEAD	30 P.S.F.
LIVE	40 P.S.F.
DEAD, TERRACES	20 P.S.F.
LIVE, TERRACES	60 P.S.F.



TOP FLANGE REINFORCING SCHEDULE	
MARK	DESCRIPTION
A	2 @ 6'-0" & 3'-6" LG. HOOK
B	4 @ 8'-0" & 4'-0" LG. HOOK
C	4 @ 8'-0" & 3'-0"
D	1-#3 x 8'-0"
E	16 @ 12"-1'-0"



GROUND FLOOR FRAMING PLAN
1/4"=1'-0"

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ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

1/9/98

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
FLORIDA CERTIFICATE # 33913
1396 S.W. 12 STREET S-TYE #202, MIAMI, FL 33135
TEL (305) 643-2710 FAX (305) 643-2703

REVISIONS	BY

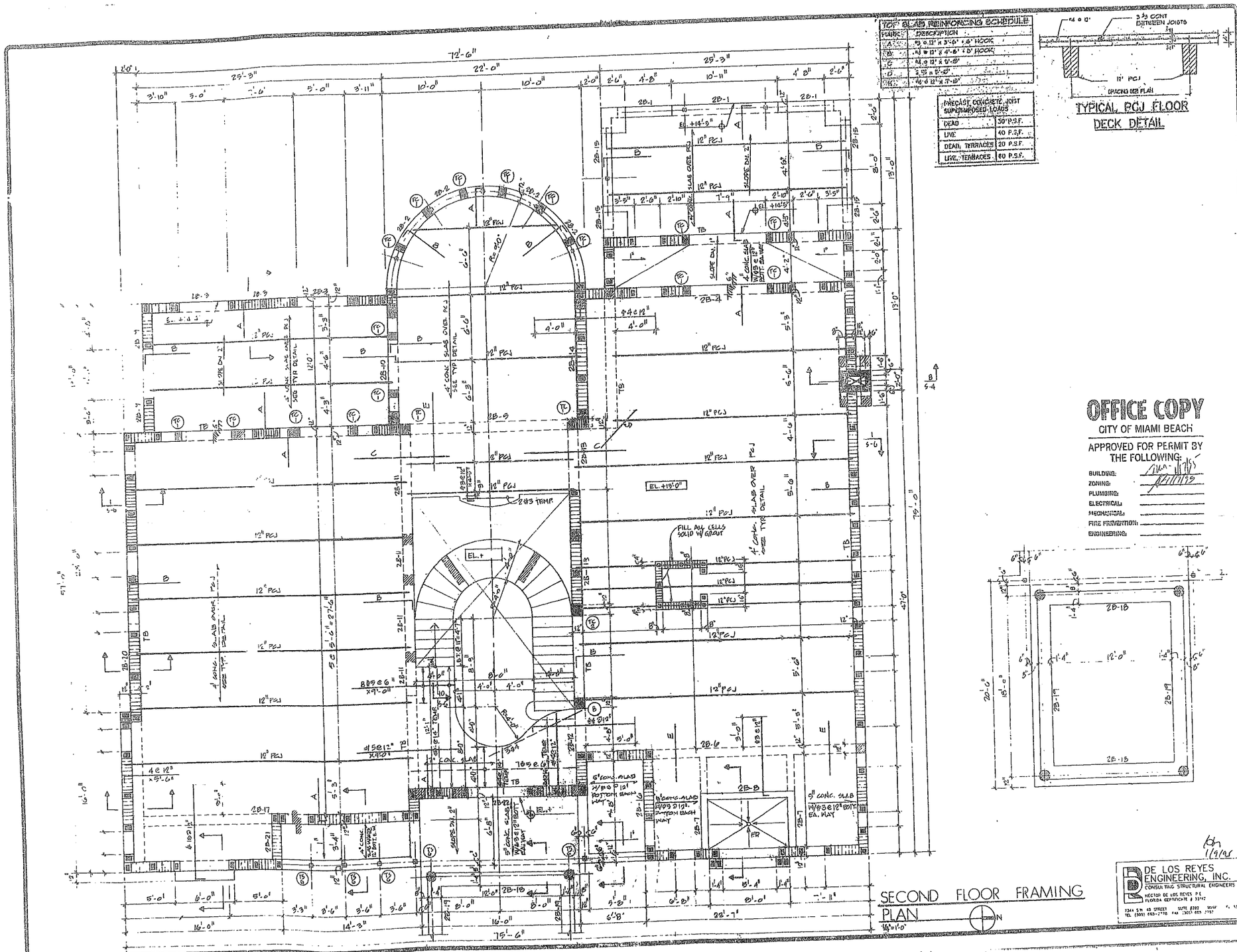
STA ARCHITECTURAL GROUP ARCHITECTS

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
Miami Beach, Florida

GROUND FLOOR FRAMING PLAN

DRAWN	B.O.
CHECKED	HDLR
DATE	1/14/98
SCALE	AS NOTED
JOB NO.	95
SHEET	S-2

OF CHECKED



SLAB REINFORCING SCHEDULE

MARK	DESCRIPTION
A	#5 @ 12" x 5'-6" + 6" HOOK
B	#5 @ 12" x 4'-6" + 6" HOOK
C	#5 @ 12" x 5'-0"
D	2 #5 x 5'-0"
E	#5 @ 12" x 7'-0"

PRECAST CONCRETE JOIST SUPERIMPOSED LOADS	
DEAD	30 P.S.F.
LIVE	40 P.S.F.
DEAD, TERRACES	20 P.S.F.
LIVE, TERRACES	60 P.S.F.

TYPICAL PCJ FLOOR DECK DETAIL

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PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

SECOND FLOOR FRAMING PLAN
1/4"=1'-0"

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES P.E.
FLORIDA CERTIFICATE # 33112
7344 S.W. 48 STREET SUITE #202 MIAMI FL. 33155
TEL (305) 663-2788 FAX (305) 669-7197

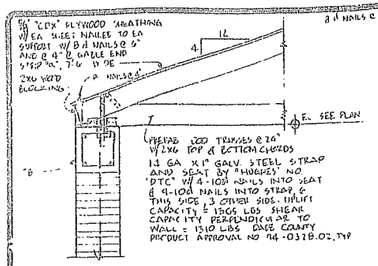
REVISIONS	BY

STA ARCHITECTURAL GROUP
ARCHITECTURE - INTERIORS - PLANNING
AA0011561
Miami Beach
1110 Lincoln Rd.
Miami Beach, Florida 33139

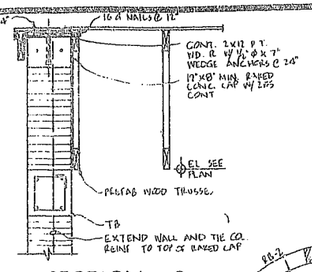
PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach, florida

SECOND FLOOR FRAMING PLAN

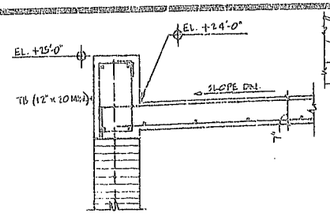
DRAWN	B.C.
CHECKED	HDLE
DATE	1/9/95
SC. / JS	AS NOTED
JOB NO.	
SHEET	S-3
OF	SHEETS



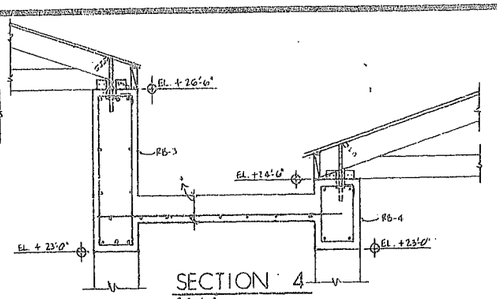
SECTION 1
1/4"=1'-0"



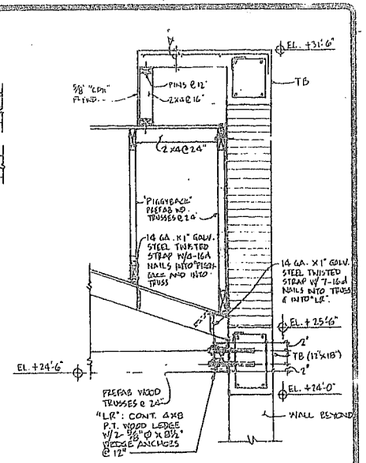
SECTION 2
1/8"=1'-0"



SECTION 3
1/4"=1'-0"



SECTION 4
1/4"=1'-0"

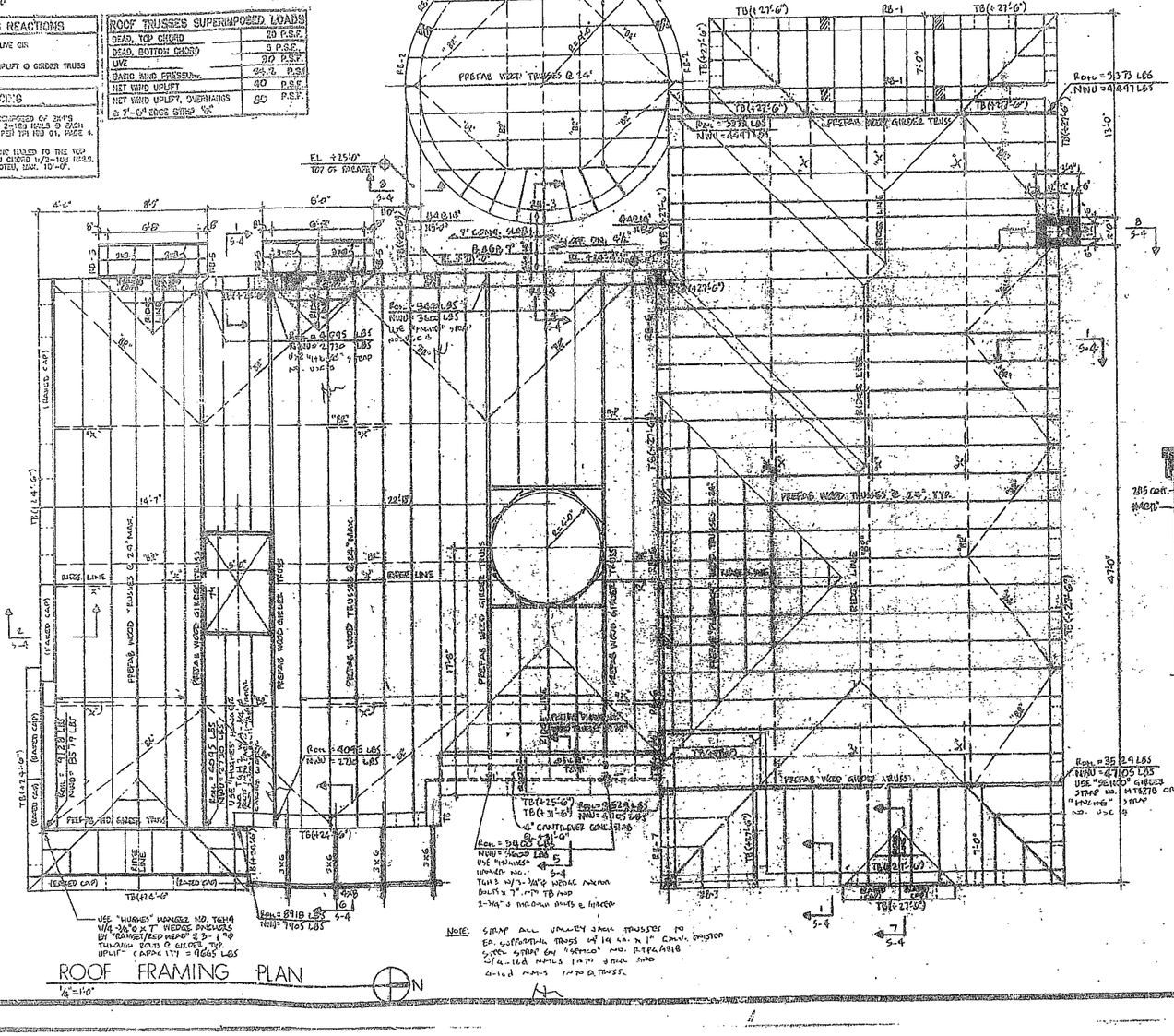


SECTION 5
1/4"=1'-0"

ROOF GIRDER TRUSS REACTIONS
P_{DL}: DENOTES DEAD PLUS LIVE OR TRUSS REACTION
N.W.U: DENOTES NET WIND UPLIFT @ GIRDER TRUSS

ROOF TRUSSES SUPERIMPOSED LOADS	
DEAD, TOP CHORD	20 P.S.F.
DEAD, BOTTOM CHORD	5 P.S.F.
LIVE	20 P.S.F.
BASIC WIND PRESSURE	24.2 P.S.F.
NET WIND UPLIFT	40 P.S.F.
NET WIND UPLIFT, OVERHANGS & 7'-6" EDGE STRIP "G"	80 P.S.F.

ROOF TRUSSES BRACING
"A": VERTICAL "X" BRACING COMPOSED OF 2x4'S NAILED TO TRUSSES W/ 2-10d NAILS @ EACH POINT OF CONTACT, AS PER TPI REC 91, PAGE 4.
"B1": CONT. 2x4 WOOD BRACING NAILED TO THE TOP OF EACH TRUSS CATCH CHORD W/2-10d NAILS. BRACING SOLELY AS NOTED, MAX. 10'-0".


PREFAB WOOD TRUSSES @ 24"
PREFAB WOOD GIRDER TRUSS
EL +25'-0" TOP OF PARAPET
TB(+27'-6")
PB-1
PB-2
PB-3
PB-4
R DL = 5373 LBS
NWU = 4847 LBS
R DL = 2781 LBS
NWU = 2411 LBS
R DL = 4095 LBS
NWU = 2730 LBS
R DL = 4718 LBS
NWU = 3525 LBS
R DL = 6918 LBS
NWU = 7905 LBS
R DL = 5600 LBS
NWU = 4105 LBS
R DL = 3589 LBS
NWU = 4705 LBS
R DL = 3529 LBS
NWU = 4705 LBS
R DL = 3509 LBS
NWU = 4705 LBS
R DL = 3509 LBS
NWU = 4705 LBS
R DL = 3509

STRUCTURAL NOTES

1. FOUNDATION:

A. THE FOUNDATION SYSTEM CONSISTS OF 14" ROUND AC ..... JOINT PILES SUPPORTING REINFORCED CONCRETE GRADE BEAMS AND PILE CAPS.
B. 14" ROUND PILES SHALL BE INSTALLED TO DEVELOP A COMPRESSION CAPACITY OF 50 TONS.
C. PILES SHALL BE REINFORCED WITH FOUR 10 FULL LENGTH WITH #3 @ 8" CLOSED TIES, EXTENDED 36 TO STRUCT TOP OF GRADE BEAM.
D. PILE INSTALLATION SHALL BE SUPERVISED BY A STATE OF FLORIDA REGISTERED ENGINEER.
E. PILE INSTALLATION SHALL CONFORM WITH CHAPTER 24 OF THE SOUTH FLORIDA BUILDING CODE, 1994 EDITION.
F. CONTRACTOR SHALL PROVIDE TO THE STRUCTURAL ENGINEER OF RECORD AN AS-BUILT SURVEY SHOWING PRECISE IDENTIFICATION AND LOCATION OF EVERY PILE FOR REVIEW AND APPROVAL PRIOR TO POURING OF GRADE BEAMS.

2. GENERAL:

A. ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH THE SOUTH FLORIDA BUILDING CODE, 1994 EDITION (MIAMI 1-94), THE ACI 318-89 BUILDING CODE, AND ALL APPLICABLE FEDERAL, STATE AND LOCAL ORDINANCES.
B. THESE DRAWINGS AND SPECIFICATIONS COMPLY, TO THE BEST OF MY KNOWLEDGE WITH THE APPLICABLE 1994 SFBC BUILDING CODE.
C. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS OF EXISTING STRUCTURES AFFECTING NEW CONSTRUCTION BEFORE COMMENCING ANY WORK. ANY VARIATIONS IN ACTUAL FIELD CONDITIONS/DIMENSIONS FROM THOSE SHOWN IN THE CONTRACT DRAWINGS SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR DETERMINATION THE NEED OF ..... PRIOR TO CONTRACTORS SUBMITTAL OF SHOP DRAWINGS ..... REVIEW.
D. THESE DRAWINGS SHALL BE NOTED TOGETHER WITH ARCHITECTURAL, AIR CONDITIONING, MECHANICAL AND ELECTRICAL DRAWINGS TO LOCATE DEPRESSED SLABS, SLOPES, DRAINS, CURBS, RECESSES, OPENINGS, ANCHOR BOLT SETTINGS, SLEEVES, ETC. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
E. WHEN PERFORMING EXTRA BELOW GRADE, CARE SHALL BE TAKEN TO AVOID DAMAGES TO EXISTING UTILITIES. ALL UNKNOWN UTILITIES DISCOVERED DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER. ANY DAMAGE TO THE EXISTING UTILITIES SHALL BE REPORTED TO ALL AFFECTED PARTIES, INCLUDING THE ARCHITECT/ENGINEER.
F. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING HIS CONSTRUCTION DOCUMENTS WITH THE REVISED DRAWINGS AND SPECIFICATIONS, FIELD ORDERS, CHANGE ORDERS AND CLARIFICATION NOTICES ISSUED DURING THE COURSE OF CONSTRUCTION.
G. TYPICAL DETAILS AND NOTES ON THESE DRAWINGS SHALL APPLY UNLESS SPECIFICALLY NOTED OTHERWISE. CONSTRUCTION DETAILS AND SECTIONS NOT COMPLETELY SHOWN OR NOTED SHALL BE SIMILAR TO DETAILS AND SECTIONS GIVEN OR NOTED FOR SIMILAR CONDITIONS.
H. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, BRACING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH THE LOCAL BUILDING DEPARTMENT.
I. BACKFILL AROUND THE EXTERIOR PERIMETER OF WALLS SHALL NOT BE PLACED UNTIL AFTER THE WALLS ARE SUPPORTED BY THE COMPLETION OF INTERIOR FLOOR SYSTEMS. DO NOT PROCEED WITH BACKFILL UNTIL 21 DAYS AS A MINIMUM AFTER THE COMPLETION OF INTERIOR FLOOR SYSTEM UNLESS WALLS ARE ADEQUATELY BRACED. BACKFILL SHALL NOT BE PLACED UNTIL AFTER COMPLETION AND INSPECTION OF WATERPROOFING WHERE APPLICABLE.
J. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL ACCUMULATED WATER FROM EXCAVATIONS AND CREVICING OPERATIONS IN SUCH A WAY AS TO NOT CAUSE INCONVENIENCE TO THE OWNER AND DAMAGE TO THE STRUCTURAL ELEMENTS.
K. SHOP DRAWINGS ARE AN AID FOR FIELD PLACEMENT AND ARE SUPERSEDED BY THE STRUCTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO MAKE CERTAIN THAT ALL CONSTRUCTION IS IN FULL AGREEMENT WITH THE LATEST STRUCTURAL DRAWINGS.
L. THE CONTRACTOR SHALL SUPPLY THE ENGINEER THREE COPIES OF SHOP DRAWINGS A MINIMUM OF ONE WEEK PRIOR TO PLACEMENT. THE REVIEW OF SHOP DRAWINGS BY THE ENGINEER IS ONLY FOR GENERAL COMPLIANCE WITH THE STRUCTURAL DRAWINGS AND SPECIFICATIONS. THE REVIEW DOES NOT GUARANTEE IN ANY WAY THAT THE SHOP DRAWINGS ARE CORRECT NOR DOES IT MEAN THAT THEY SUPERSEDE THE STRUCTURAL DRAWINGS.

M. SUBMITTALS TO STRUCTURAL ENGINEER:

I. CONCRETE TEST REPORT FOR CAST-IN-PLACE CONCRETE AS PER 301-93.
II. REINFORCING STEEL SHOP DRAWINGS.
III. PRE-FABRICATED ROOF TRUSSES SHOP DRAWINGS, ERECTION DRAWINGS, AND DESIGN DATA.
IV. PILE DETAIL, HOLDING SIZE, CAPACITY, AND REINFORCING.
V. PILE DRIVING LOGS.

3. CONCRETE:

A. ALL CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301-89 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
B. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 3000 PSI.
C. FOR DESIGN, SHALL COMPLY WITH ACI 347-78, (REAFFIRMED 1983) " RECOMMENDED PRACTICE FOR CONCRETE WORK".
D. MIX DESIGNS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF ANY CONCRETE WORK.
E. NO WATER SHALL BE ADDED TO THE CONCRETE AT THE JOB SITE.
F. THE OWNER SHALL CONTRACT AN INDEPENDENT TESTING LABORATORY TO PERFORM CONCRETE CYLINDER TESTS AS FOLLOWS. FOUR CYLINDER TESTS FOR ANY 50 CUBIC YARDS OF CONCRETE POURED, OR THREE CYLINDER TESTS PER ANY DAY'S POUR LESS THAN 50 CUBIC YARDS. ONE CYLINDER SHALL BE TESTED AT 7 DAYS AND TWO AT 28 DAYS.
G. TRANSPORTING, PLACING, CURING AND DEPOSITING OF CONCRETE SHALL COMPLY WITH ACI 301-93.

4. REINFORCING STEEL:

A. REINFORCING STEEL SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-92.
B. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A 615-90 (GRADE 60).
C. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185-79.
D. REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACING OF CONCRETE.
E. ALL TOP REINFORCING SHALL TERMINATE WITH STANDARD HOOKS AT DISCONTINUOUS BOARDS OR ENDS.
F. ALL BOTTOM BARS SHALL REST ON 1" HIGHER OVER BEARING SUPPORTS.
G. ALL REINFORCING BARS MARKED CONTINUOUS SHALL BE LAPPED 30 DIA. AT SPLICES AND CORNERS UNLESS OTHERWISE NOTED. LAP CONTINUOUS TOP BARS AT CENTER BETWEEN SUPPORTS AS REQUIRED. TERMINATE CONTINUOUS BARS AT NON-CONTINUOUS ENDS WITH STANDARD HOOKS.

H. MINIMUM CONCRETE COVER FOR REINFORCEMENT:

I. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH ..... 3"
II. CONCRETE EXPOSED TO EARTH OR WEATHER
#6 BARS AND LARGER ..... 2"
#5 BARS AND SMALLER ..... 1½"
III. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH EARTH:
SLABS AND WALLS ..... ¾"
BEAMS AND COLUMNS ..... 1½"

5. CONCRETE MASONRY WORK:

I. ALL CONCRETE MASONRY WALLS ARE DESIGNED AS LOAD BEARING WALLS, UNLESS OTHERWISE NOTED, AND SHALL BE IN PLACE BEFORE THE SLABS AND BEAMS SUPPORTED BY THEM ARE POURED AS WELL AS THE CONCRETE TIE COLUMNS PRIMED THEM.
A. ALL CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO ASTM C 90, STANDARD SPECIFICATIONS FOR HOLLOW LOAD BEARING CONCRETE MASONRY UNITS.
C. MORTAR SHALL CONFORM TO ASTM C 270, TYPE "M", WITH A MINIMUM AVERAGE STRENGTH OF 2500 PSI.
D. CONCRETE MASONRY STRENGTH, f'm SHALL BE A MINIMUM OF 1500 PSI.
E. VERTICAL REINFORCED IN CMU CELLS SHALL BE SPLICED WITH 40 BAR DIAMETER LAP SPLICES. PROVIDE CLEAN OUT HOLES AT BASE OF FILLED CELLS FOR LAP INSPECTION AND VERIFIED THAT THE CELLS HAVE BEEN FILLED SOLID WITH GROUT.
F. FILLED CELLS SHALL BE FILLED WITH 3000 PSI GROUT AS PER ACI 530-92 SPECIFICATIONS. FILLING OF CELLS SHALL BE DONE IN FOUR FOOT LIFTS WITH A MAXIMUM POUR OF 8 FEET. USE MECHANICAL VERATOR TO ACHIEVE GROUT-FILLED SOLID CELLS.
G. ALL CMU WALLS SHALL BE HORIZONTALLY REINFORCED WITH STANDARD NO. 9 LADDER-TYPE GALVANIZED STEEL REINFORCED EVERY SECOND COURSE. ENTIRE REINFORCING A MINIMUM OF 4 NODES INTO TIE COLUMNS.

6. STRUCTURAL STEEL:

A. STRUCTURAL STEEL SHALL COMPLY WITH AISC SPECIFICATIONS FOR LOCAL FABRICATION AND ERECTION FOR STRUCTURAL STEEL BUILDINGS, LATEST EDITION.
B. STRUCTURAL STEEL SHAPES AND PLATES SHALL CONFORM TO ASTM A 36, Fy 36 KSI.
C. STRUCTURAL STEEL TUBES SHALL CONFORM TO ASTM A500, GRADE B, FY=46 KSI.
D. STRUCTURAL STEEL PIPES SHALL CONFORM TO ASTM A53, TYPE I, GRADE B, Fy= 35 KSI.
E. ANCHOR BOLTS SHALL CONFORM TO EITHER ASTM A 307 OR ASTM A 36.
F. FRAMED BOLTS SHALL CONFORM TO ASTM 325, WITH HARDENED WASHERS AND HEX NUTS.

7. WELDING:

A. WELDING SHALL BE DONE WITH E-70 ELECTRODES.
B. WELDERS SHALL BE AWS-CERTIFIED.

8. PRECAST-PRESTRESSED CONCRETE JOISTS AND BEAM COPING:

A. PRECAST-PRESTRESSED UNITS SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE SOUTH FLORIDA BUILDING CODE, ACI 318-89 BUILDING CODES AND THE PCI MANUAL FOR QUALITY CONTROL.
B. ALL JOIST PRESTRESS SHALL BE DESIGNED TO CARRY THEIR OWN WEIGHT, THE SUPERIMPOSED DEAD LOAD, THE SUPERIMPOSED LOADS SHOWN IN PLAN AND ANY OTHER ADDITIONAL LOADS SHOWN IN THE STRUCTURAL, ARCHITECTURAL AND MECHANICAL DRAWINGS.
C. PRECAST MANUFACTURER SHALL SUBMIT FOR REVIEW TO THE ENGINEER OF RECORD SHOP DRAWINGS AND DESIGN DATA SIGNED AND SEALED BY A STATE OF FLORIDA REGISTERED ENGINEER.
D. DIFFERENTIAL CAMBER BETWEEN UNITS SHALL BE KEPT TO A MINIMUM SO AS TO ENSURE A MOULDABLE AND LEVEL DECK.
E. CORE AS REQUIRED THE TOP AND/OR BOTTOM END CORNERS OF PRECAST JOISTS TO PROVIDE CLEARANCE FOR BEAM REINFORCING.
F. PRECAST JOISTS SPACED AT MORE THAN 24 INCHES CLEAR SHALL BE CONSIDERED AS BEAMS AND BE DESIGNED AND DETAILED IN ACCORDANCE WITH ACI 318-89 SECTION 8-8.

9. WOOD FRAMING:

A. WOOD FRAMING MEMBERS OTHER THAN TRUSSES SHALL BE #1 SOUTHERN PINE WITH A FIBER BENDING STRESS OF 1000 PSI.
B. WOOD GRADING ARE NOMINAL.
C. MEMBERS SHALL BE FREE OF CRACKS AND KNOTS.
D. MOISTURE CONTENT SHALL BE 19% OR LESS.
E. PRESSURE-TREATED WOOD SHALL BE USED ONLY WHERE SPECIFICALLY NOTED IN THE DRAWINGS. NO FRAMING MEMBERS SHALL BE OF PRESSURE-TREATED WOOD, UNLESS OTHERWISE NOTED.

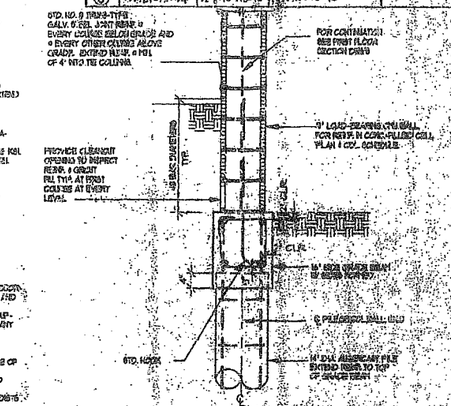
COLUMN SCHEDULE

MARK	SIZE	REINFORCEMENT: VERTICAL OR BASE PLATE	REINFORCEMENT: TIES OR CAP PLATE	REMARKS
C1	8" X 12"	4 #5	# 3 @ 8"	
C2	12"X12"	4 #6	# 3 @ 8"	
C3	PER PLAN	2 #5	# 3 @ 8"	
C4	8"X12"	4 #6	# 3 @ 8"	
C5	12"X12"	4 #7	# 3 @ 12"	
C6	12"X24"	8 #6	# 3 @ 12"	
C7	12" Ø	4 #7	# 3 @ 12"	
P1	1 CB IN GROUT FILLED CELL @ 4'-0" OR AS NOTED.			
P2	2 CB IN 2 GROUT FILLED CELLS			
P3	2 CB IN 2 GROUT FILLED CELLS			
C8	12"X20"	6 #6	# 3 @ 12"	
C9	8"X36"	8 #5	# 3 @ 8"	
C10	T5 4 X 4 X ¼			
C11	T5 4 X 4 X ¼			
C12	T5 4 X ... X ¼			
C13	T5 4 X 4 X ¼			
C14	T5 4 X 4 X ¼			
C15	T5 3½ X 3½ X ¼	½" Ø @ 10" X 0'-10"	½" Ø @ 10" X 0'-10"	

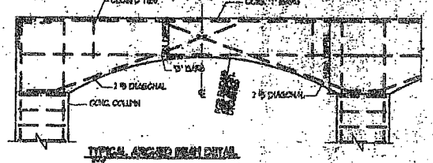
BEAM SCHEDULE

MARK	TOP ELEV.	SIZE W x H	REINFORCING "B"	"T"	"C"	"E"	"D"	"T"	TIES OR STIRRUP NO.	TYPE	SPACING & END	REMARKS
GB-1	-1'-0"	16 X 20	2#7	2#5	2#6				#3	□	@ 8"	
GB-2	-1'-0"	16 X 20	2#7	2#5					#3	□	@ 8"	
GB-3	-1'-0"	16 X 20	2#7	2#5	1#5				#3	□	@ 12"	
GB-4	-1'-0"	16 X 20	2#7	2#5					#3	□	@ 12"	
GB-5	-1'-0"	16 X 20	3#7	2#5	2#8				#3	□	@ 6"	
GB-6	-1'-0"	16 X 20	3#7	2#5					#3	□	@ 6"	
GB-7	-1'-0"	16 X 20	2#8	2#5	2#7				#3	□	@ 8"	
GB-8	-1'-0"	16 X 20	2#8	2#5					#3	□	@ 8"	
GB-9	-1'-0"	16 X 20	2#6	2#5					#3	□	@ 12"	
GB-10	-1'-0"	16 X 20	2#7	2#5	2#5				#3	□	@ 8"	
GB-11	-1'-0"	16 X 20	2#7	2#5					#3	□	@ 8"	
GB-12	-1'-0"	16 X 20	2#7	2#5	2#6				#3	□	@ 6"	
GB-13	-1'-0"	16 X 20	2#7	2#5					#3	□	@ 6"	
GB-14	-1'-0"	16 X 20	3#8	2#5	3#8		3#7		#3	□	1@4", EA. @ 8"	
GB-15	-1'-0"	16 X 20	3#8	2#5					#3	□	1@4", EA. @ 8"	
GB-16	-1'-0"	16 X 20	2#6	2#5	2#5		2#5		#3	□	@ 12	
GB-17	-1'-0"	16 X 20	2#6	2#5	2#5				#3	□	@ 12"	
GB-18	-1'-0"	16 X 20	2#7	2#5	2#6				#3	□	@ 6"	
GB-19	-1'-0"	16 X 20	2#6	2#5	2#6				#3	□	@ 6"	
GB-20	-1'-0"	16 X 20	2#7	2#5	2#6				#3	□	@ 8"	
GB-21	-1'-0"	16 X 20	2#6	2#5			2#5		#3	□	@ 8"	
GB-22	-1'-0"	16 X 20	2#7	2#5	2#6				#3	□	@ 6"	
GB-23	-1'-0"	16 X 20	3#7	2#5					#3	□	@ 6"	
GB-24	-1'-0"	16 X 20	3#8	3#5	3#7				#3	□	@ 8"	
GB-25	-1'-0"	16 X 20	3#8	3#5	1#6				#3	□	@ 6"	
GB-26	-1'-0"	16 X 20	2#7	2#5	3#8				#3	□	@ 6"	
GB-27	-1'-0"	16 X 20	1#8	2#5					#3	□	@ 5"	
GB-28	-1'-0"	16 X 20	2#7	2#5	2#6				#3	□	@ 6"	
GB-29	-1'-0"	16 X 20	2#6	2#5	2#6				#3	□	@ 6"	
GB-30	-1'-0"	16 X 20	2#6	2#5	1"				#3	□	@ 12"	
GB-31	-1'-0"	16 X 20	4#8	3#5	3#8				#3	□	2@24", EA. @ 8"	
GB-32	-1'-0"	16 X 20	4#8	3#5					#3	□	2@24", EA. @ 8"	
GB-33	-1'-0"	16 X 20	2#6	2#5					#3	□	@ 6"	
GB-34	-1'-0"	16 X 20	3#7	2#5					#3	□	@ 8"	
GB-35	-1'-0"	16 X 20	2#6	2#5					#3	□	@ 8"	
GB-36	-1'-0"	16 X 20	4#6	2#5					#3	□	@ 8"	
2B-1	+15'-0"	12" X 24"	2#5	2#5					#3	□	1@5", EA. @ 12"	
2B-2	+15'-0"	12" X 36"	2#5	2#5					#3	□	@ 12"	E SEE ELEVATION IN DWG. S-6
2B-3	+13'-4"	12" X ...	2#6	2#5					#3	□	@ 12"	E SEE ELEVATION IN DWG. S-6
2B-4	+18'-0"	12" X 28"	2#9	2#5					#3	□	@ 8"	
2B-5	+9'-4"	12" X 16"	3#7	2#5					#3	□	@ 7"	
2B-6	+15'-0"	16" X 36"	8#9	2#5					#3	□	@ 12"	
2B-7	+15'-0"	24" X 24"	2#6	2#5					#3	□	@ 10"	
2B-8	+15'-0"	8" X 24"	2#5	2#5					#3	□	@10"	
2B-9	+16'-9"	12" X ...	2#6	2#5					#3	□	@ 12"	
2B-10	+15'-0"	12" X 24"	2#8	2#5					#3	□	@ 8"	
2B-11	+15'-0"	12" X 20"	2#5	2#5					#3	□	@ 9"	
2B-12	+15'-0"	12" X 20"	2#7	2#5					#3	□	@ 8"	
2B-13	+15'-0"	12" X 20"	2#6	2#5					#3	□	@ 8"	
2B-14	+15'-0"	12" X 24"	2#7	2#5					#3	□	@ 8"	
2B-15	+9'-0"	12" X 12"	2#5	2#5					#3	□	@ 5"	
2B-16	+15'-0"	12" X 16"	2#7	2#5					#3	□	@ 7"	
2B-17	+15'-0"	12" X 36"	3#9	2#5					#3	□	@ 12"	
2B-18	+11'-6"	24" X 18"	3#5	2#5					#3	□	@ 8"	
2B-19	+11'-6"	24" X 18"	3#6	3#5					#3	□	@ 8"	
2B-20	+9'-4"	12" X 16"	2#7	2#5					#3	□	@ 7"	
2B-21	+15'-0"	12" X 12"	2#5	2#5					#3	□	@ 12"	
2B-22	+12'-6"	12" X 12"	2#5	2#5					#3	□	@ 5"	
RB-1	+27'-6"	12" X 18"	2#5	2#5					#3	□	@ 8"	
RB-2	+26'-0"	12" X 42"	3#7	3#5			2#5		#3	□	@ 12"	
RB-3	+26'-6"	12" X 42"	3#7	5#5			2#5		#3	□	@ 12"	
RB-4	+24'-0"	12" X 18"	2#8	2#5					#3	□	@ 8"	
RB-5	+24'-6"	8" X 12"	2#5	2#5					#3	□	@ 5"	
RB-6	+27'-6"	12" X ...	2#5	2#5								
RB-7	+27'-6"	12" X 24"	2#6	2#5					#3	□	@ 12"	
TB	SEE PLAN	12" X 8" MIN.	2 TB CONT.	2 TB CONT.					6	□	4 @ 0'-9 CORNER BAR @ 45°	PROVIDE 3 TB X 2'-6" X 2'-6" CORNER BARS. DROP OVER OPENING, ADD 2 TB BOTT. WHERE TB DEPTH EXCEEDS 36" ADD 4 @ 0'-9" T BARS.

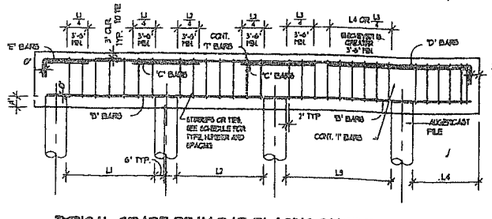
TYPICAL FOUNDATION WALL-GRADE BEAM SECTION



TYPICAL ARCHED BEAM DETAIL

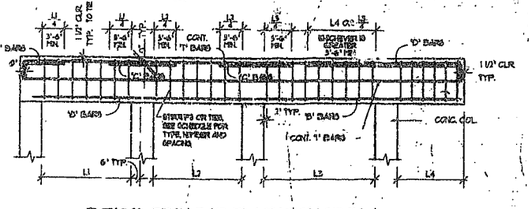


TYPICAL GRADE BEAM BAR PLACING DIAGRAM



NOTES:
1. PLACE A MAXIMUM OF 2 BARS PER LAYER IN 8"-WIDE BEAMS.
2. SPLICE TOP BARS AT MID SPAN W/ 30 BAR DIAMETER LAP SPLICES.
3. SPLICE "T" BARS AT SUPPORTS W/ 30 BAR DIAMETER LAP SPLICES.
4. PLACE "C" BARS OVER RIGHT-HAND SUPPORT, UNLESS NOTED IN REMARKS.

TYPICAL BEAM BAR PLACING DIAGRAM



NOTES:
1. PLACE A MAXIMUM OF 2 BARS PER LAYER IN 8"-WIDE BEAMS.
2. SPLICE TOP BARS AT MID SPAN W/ 30 BAR DIAMETER LAP SPLICES.
3. SPLICE "T" BARS AT SUPPORTS W/ 30 BAR DIAMETER LAP SPLICES.
4. PLACE "C" BARS OVER RIGHT-HAND SUPPORT, UNLESS NOTED IN REMARKS.
5. "T" BARS AS SCHEDULED SHALL BE PLACED EACH SIDE OF BEAM.

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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLANNING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
11/9/96

REVISIONS	BY

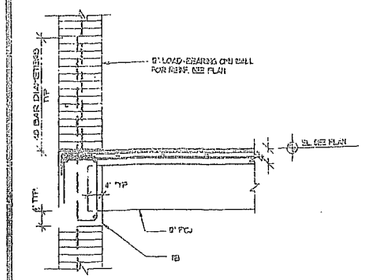
STA ARCHITECTURAL GROUP, INC.
AA0001125
ARCHITECTURE • INTERIORS • PLANNING
1110 Brickell Ave., Suite 310
Miami, FL 33131, Phone: 305-374-1812

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
Island, Miami Beach, Florida

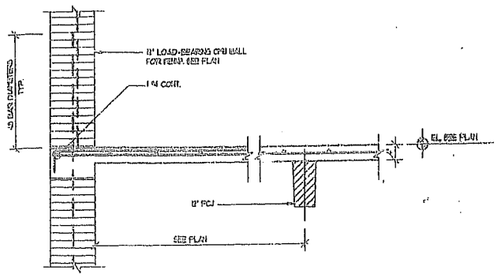
DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
FLORIDA CERTIFICATE # 25715
7541 S.W. 48 STREET, MIAMI, FLA. 33155
TEL: (305) 262-0400 FAX: (305) 262-0401

DRAWN	S.A.H.
CHECKED	HDLR
DATE	11/1/95
SCALE	AS NOTED
JOB NO.	95
SHEET	S-5

CP 0468370



SECTION
3/8" = 1'-0"



SECTION 2
3/8" = 1'-0"

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Miami Beach, Florida

SECTIONS

DESIGN	S.D.
DRAWN	HDL2
DATE	1/4/95
SCALE	AS NOTED
JOB NO.	48
SHEET	S-6

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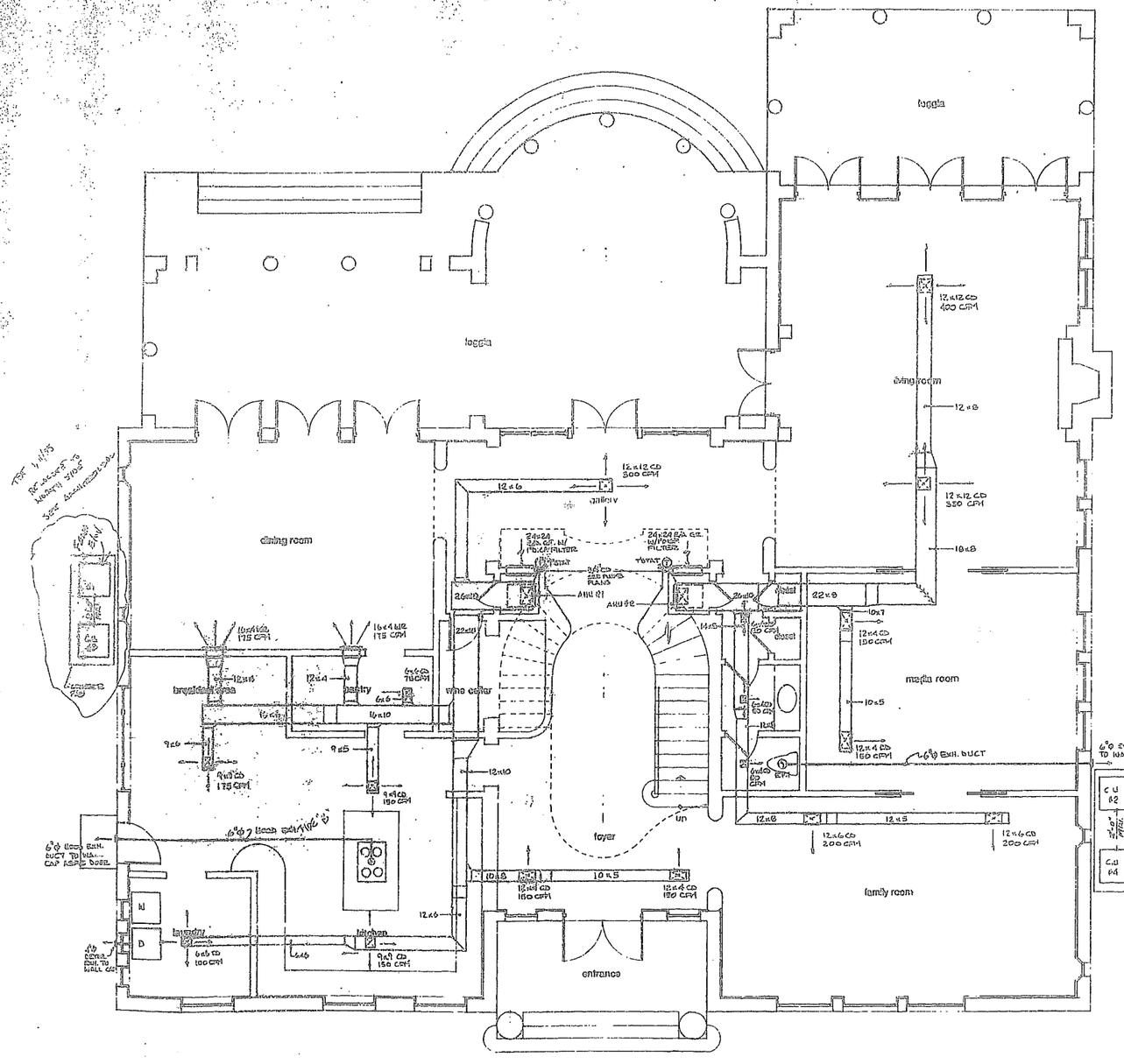
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:
BUILDING: 1/11/95
ZONING: 1/11/95
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

1/9/95

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
FLORIDA CERTIFICATE # 32112
7344 S.W. 42 STREET, MIAMI (DADE), FLORIDA 33155
TEL. (305) 663-2710 FAX: (305) 663-2795

11



GROUND FLOOR PLAN

N

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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL: 12-1-95
FIRE PREVENTION:
ENGINEERING:

ESI
ENERGY SCIENCES INC
CONSULTING ENGINEERS
MECH./ELEC. - #26464
225 ALHAMBRA CIRCLE
SUITE 410
CORAL GABLES, FL. 33134
(305) 448-0369

REVISIONS	BY

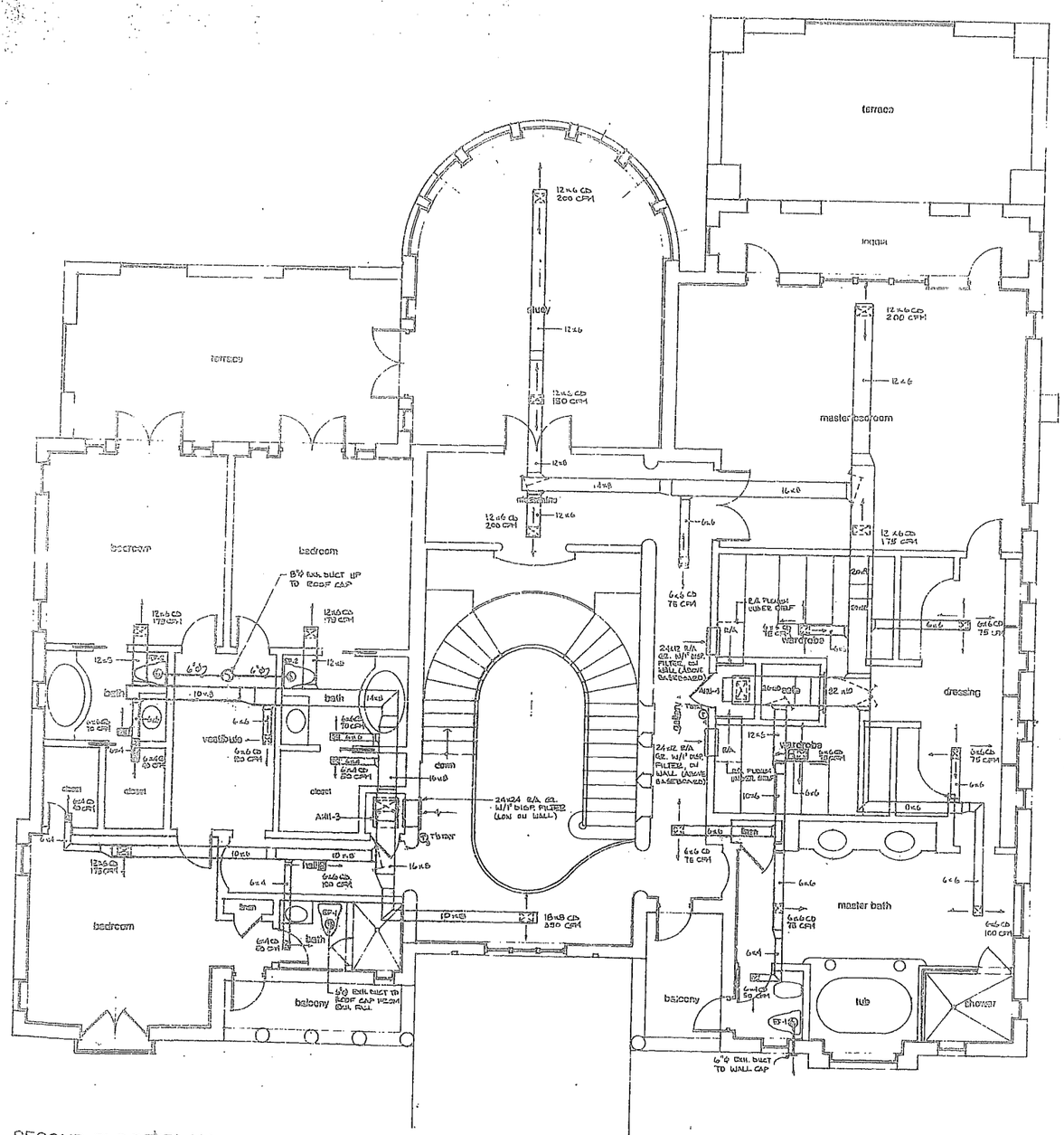
STA

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
Miami Beach, Florida

HVAC
GROUND FLOOR PLAN

DRAWN	EA.
CHECKED	EA.
DATE	1-12-95
SCALE	1/4" = 1'-0"
JOB NO.	617-V
SHEET	M-1
OF	3

11



SECOND FLOOR PLAN

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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:

BUILDING:	
ZONING:	
PLUMBING:	
ELECTRICAL:	
MECHANICAL:	
FIRE PREVENTION:	
ENGINEERING:	

REVISIONS	BY

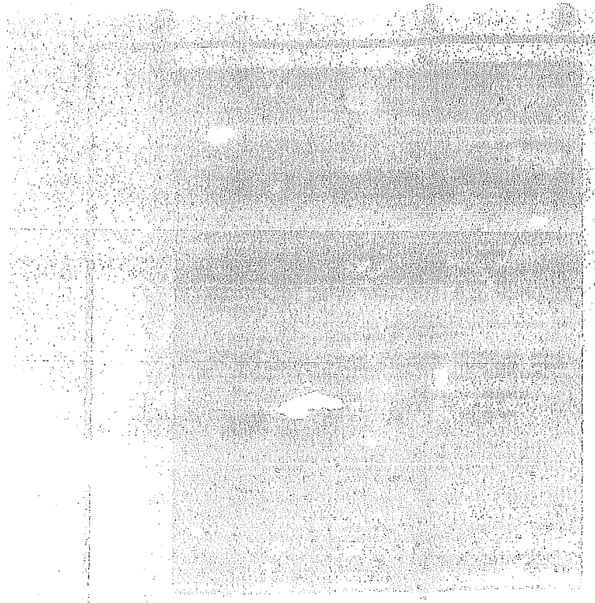
ARCHITECTS-INTERIORS-PLANNING
STA
ARCHITECTURE
ARCH 0113
Florida

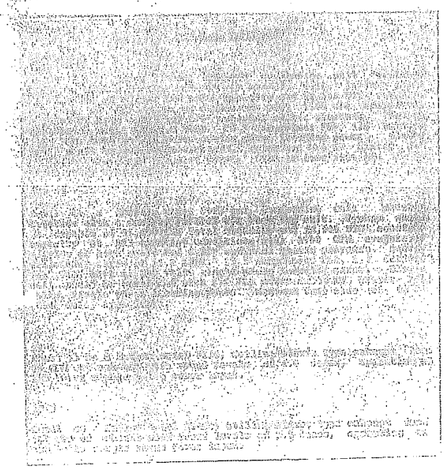
PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
Miami Beach, Florida

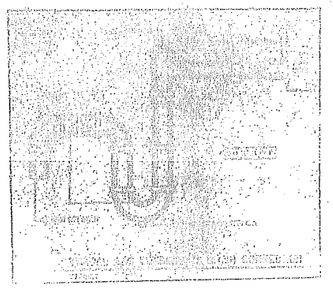
HVAC
SECOND FLOOR
PLAN

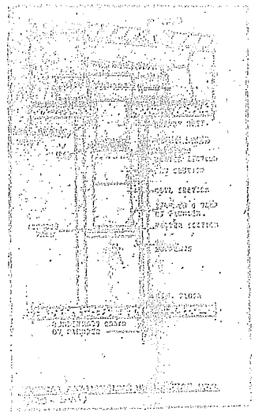
DRAWN	EA
CHECKED	EA
DATE	1-9-95
SCALE	1/4" = 1'-0"
JOB NO.	9425.00
SHEET	M-2

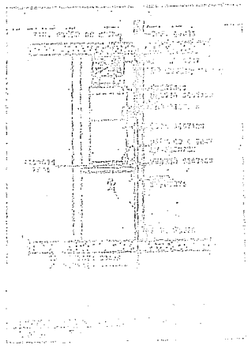
ESI
ENERGY SCIENCES INC

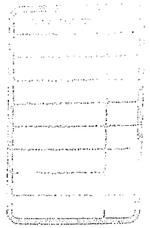


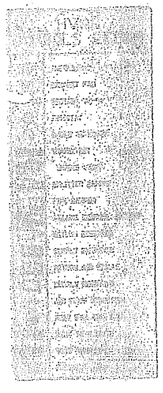




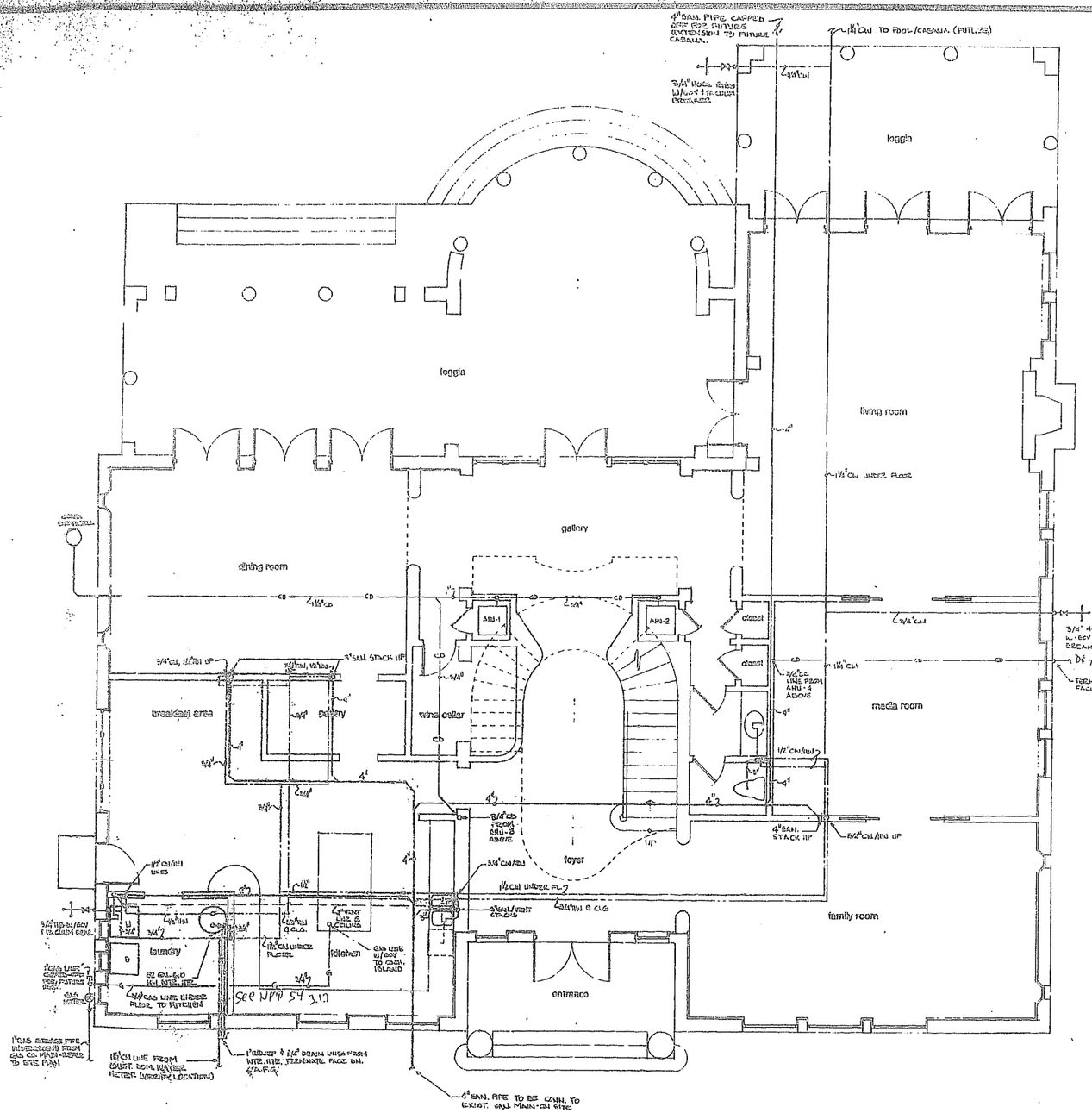








OFFICE COPY



OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

ESI
ENERGY SYSTEMS INC
CONSULTING ENGINEERS
MECH./ELEC. - PE2446
200 ALHAMBRA CIRCLE
SUITE 402
CORAL GABLES, FL 33134
(305) 448-8882

REVISIONS	BY

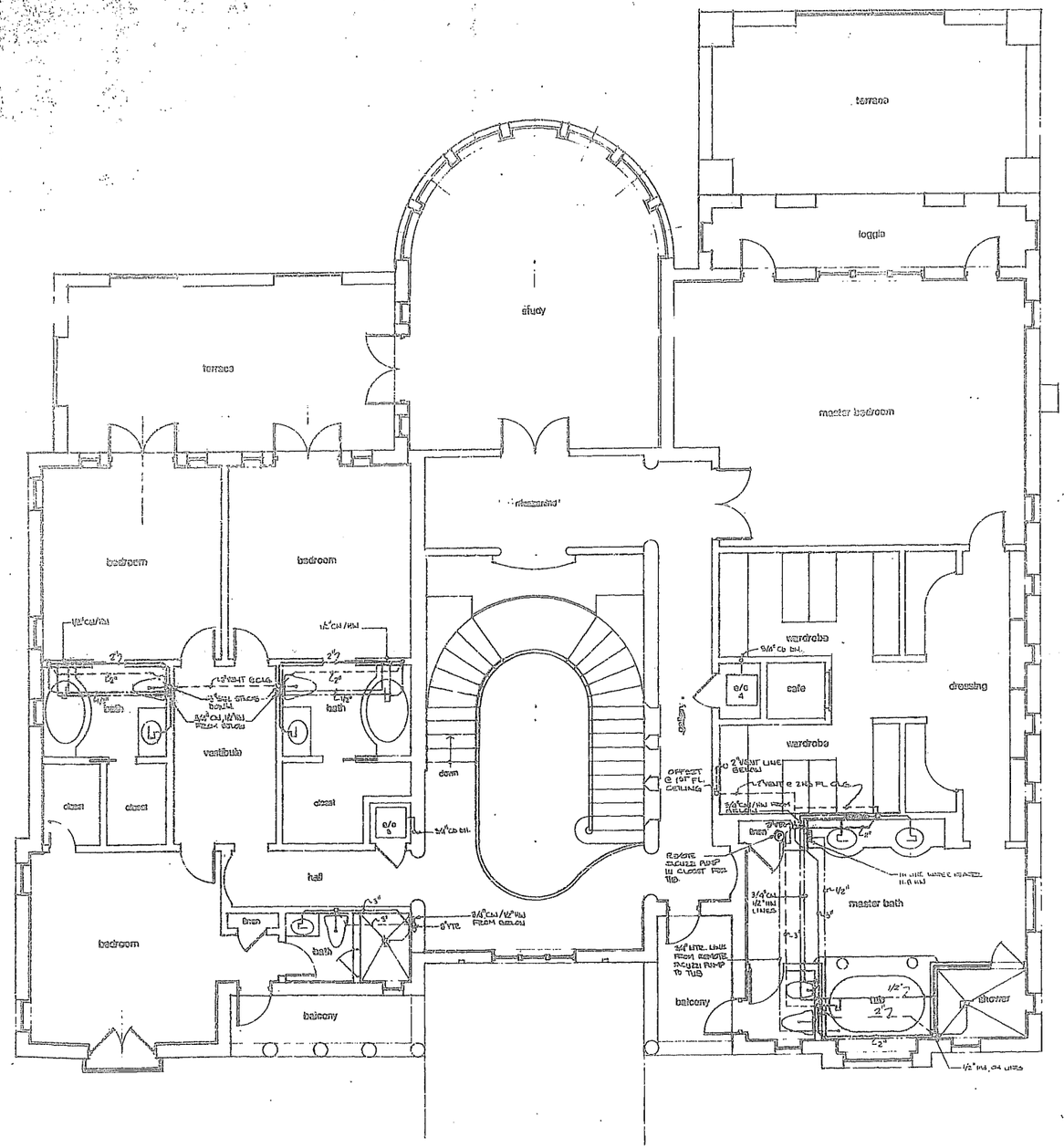
ARCHITECTURE • INTERIORS • PLANNING
STA
ARCHITECTURAL GROUP
AA0001103
Location
Location, Florida 33133

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach florida

PLUMBING
GROUND FLOOR PLAN

DRAWN	EA
CHECKED	ER
DATE	1-9-96
SCALE	1/4" = 1'-0"
JOB NO	9427.10
SHEET	P-1?

OF 3 SHEETS



SECOND FLOOR PLAN

OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

ESI
ENERGY SCIENCES INC
CONSULTING ENGINEERS
MECH/ELEC. - #42414
255 ALHAMBRA CIRCLE
SUITE 415
CORAL GABLES, FL 33134
(305) 448-8828

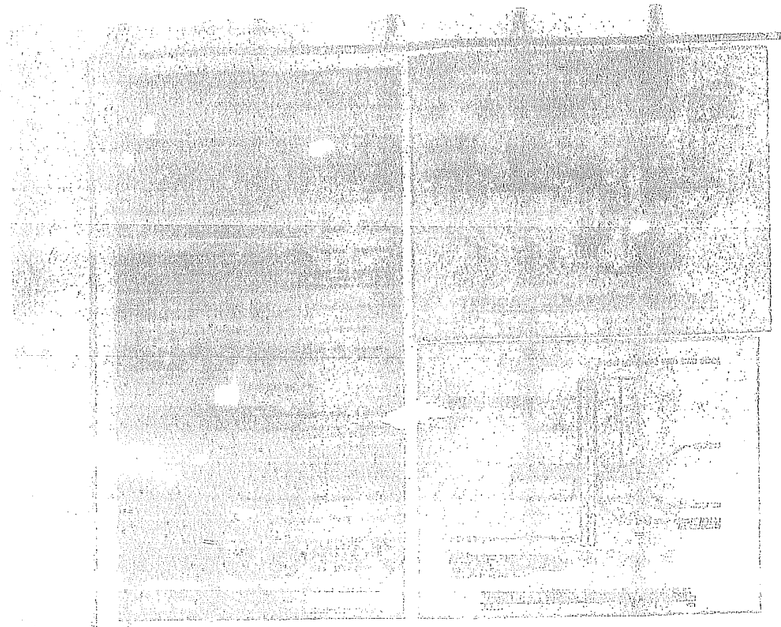
REVISIONS | BY

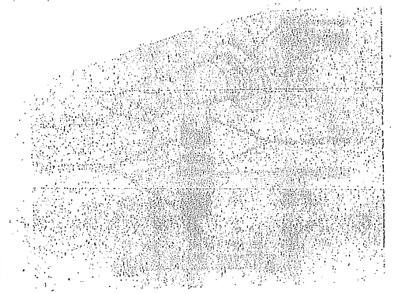
ARCHITECTS-INTERIORS-PLANNERS
STA
ASSOCIATES

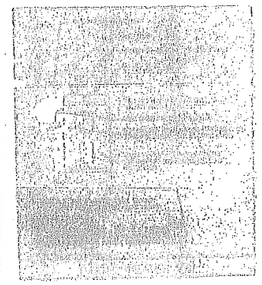
PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach florida

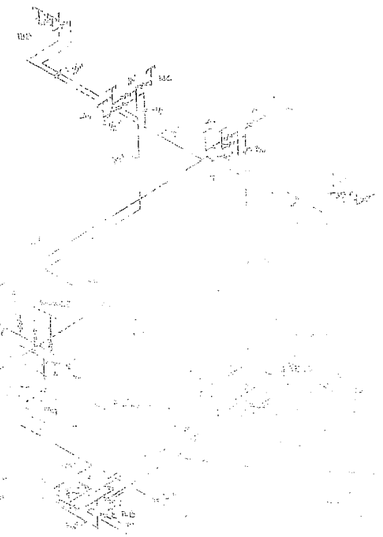
PLUMBING
SECOND FLOOR
PLAN

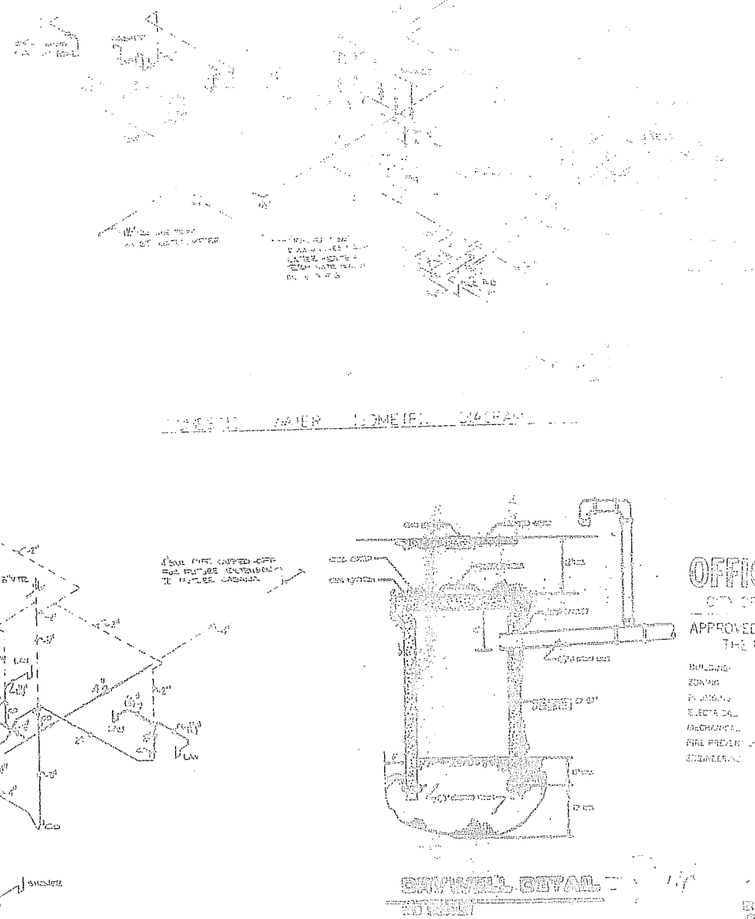
DRAWN GA
CHECKED GA
DATE 1-9-15
SCALE 1/4" = 1'-0"
JOB NO. 9425.00
SHEET P-2
OF 3 SHEETS











SANITARY ISOMETRIC RISER DIAGRAM n/s

GAS RISER DIAGRAM n/s.

DOMESTIC WATER ISOMETRIC DIAGRAM

OFFICE COPY

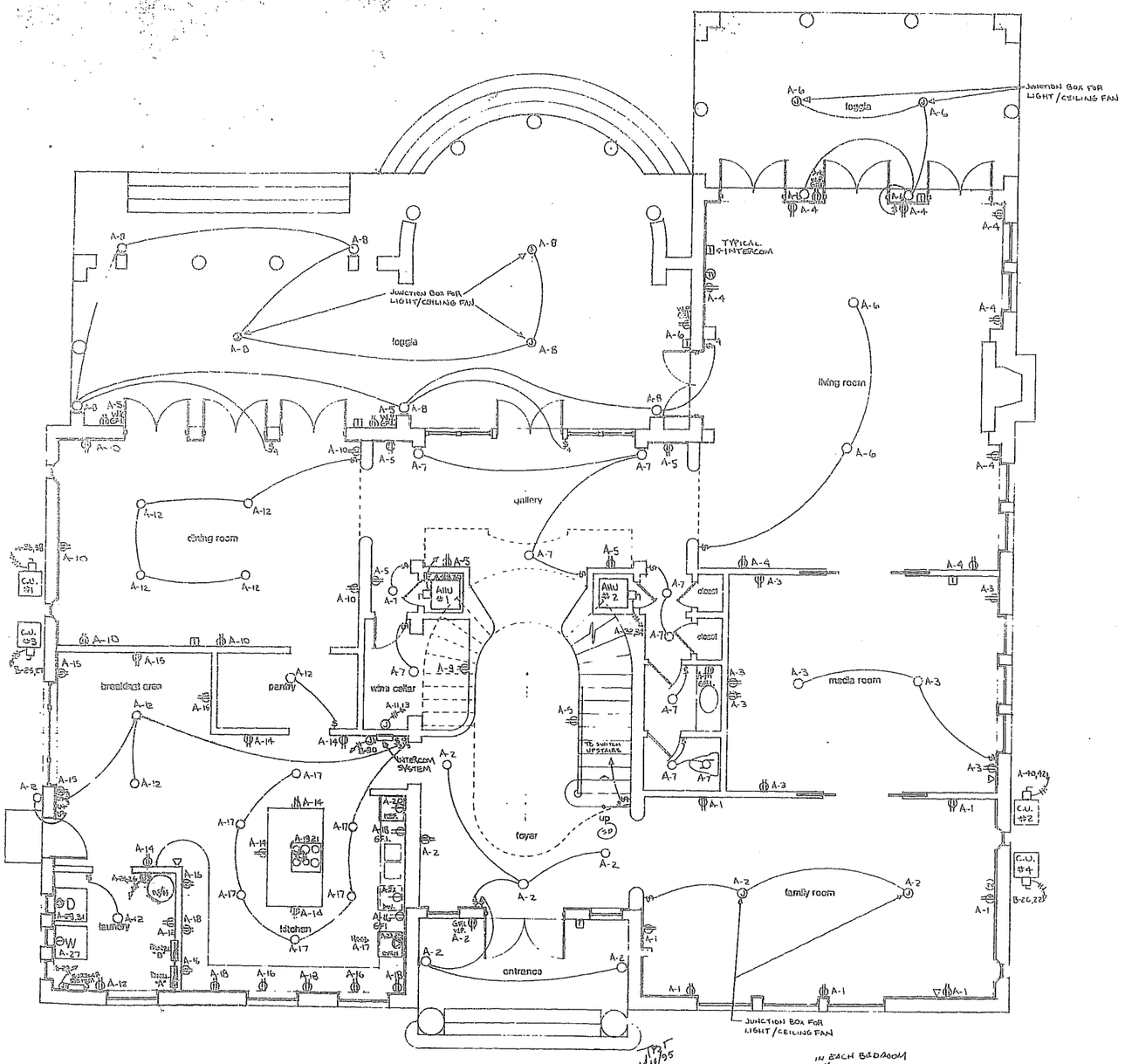
APPROVED FOR PERMIT BY THE FOLLOWING

BUILDING
ZONING
PLUMBING
ELECTRICAL
MECHANICAL
FIRE PREVENTION
ENGINEERING

DRAWING DETAIL

ESI

ENERGY SERVICES INC
CONSULTING ENGINEERS
MIAMI/TAMPA - 940484
225 ALHAMBRA CIRCLE
SUITE 402
CORAL GABLES, FL 33134
(305) 445-0333



GROUND FLOOR PLAN

NOTE: SMOKE DETECTORS SHALL BE INTERCONNECTED WITH SMOKE DETECTORS IN THE HALLWAYS IN EACH BEDROOM
110 v battery back - up

N

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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

ESI
ENERGY SCIENCES INC
CONSULTING ENGINEERS
MECH./ELEC. - #42496
255 ALHAMBRA CIRCLE
SUITE 412
CORAL GABLES, FL 33134
(305) 446-8220

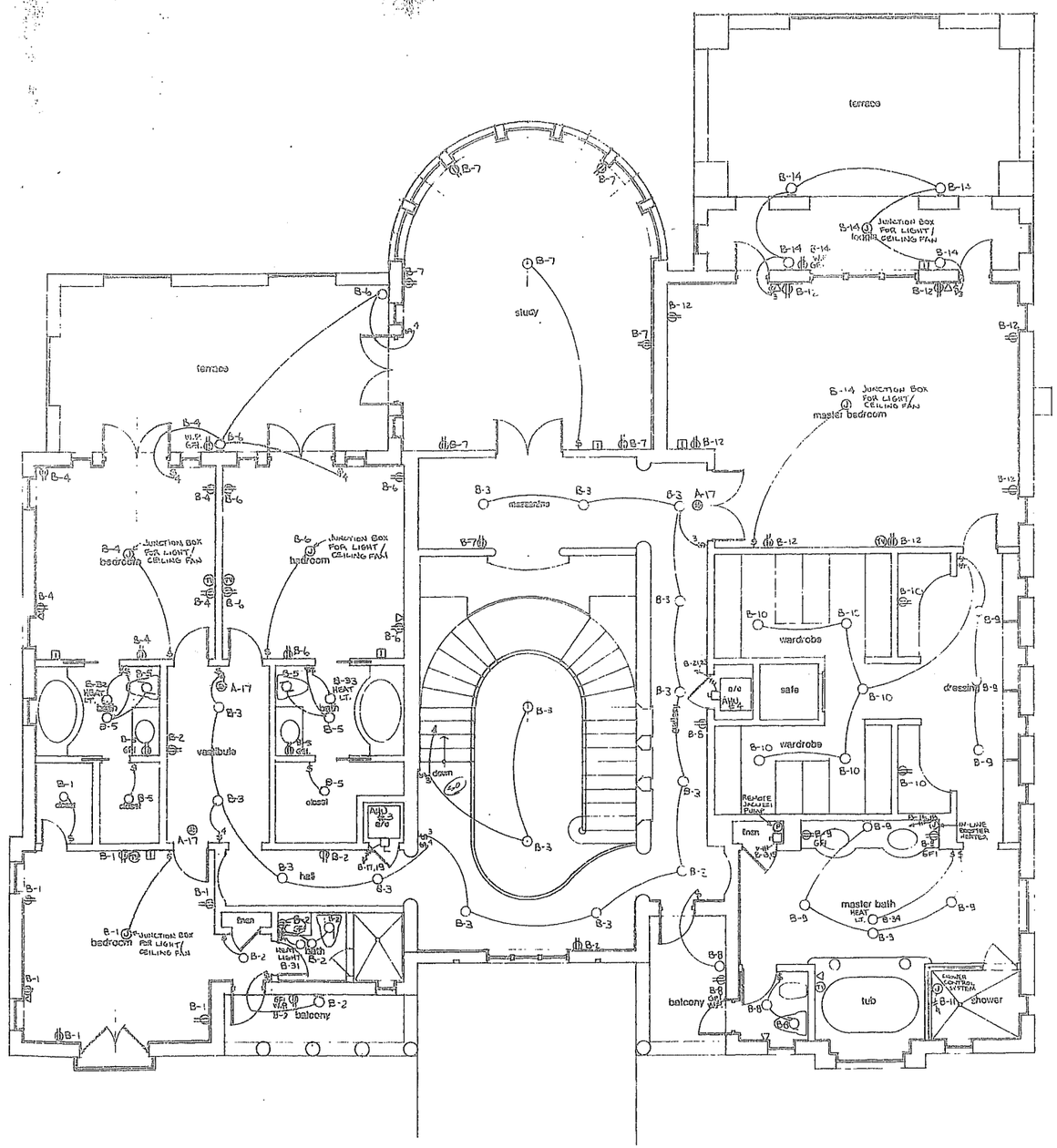
REVISIONS	BY

STA
ARCHITECTURE • INTERIORS • PLANNING
CORP
AA0001103

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach, florida

ELECTRICAL
GROUND FLOOR PLAN

DRAWN	ET
CHECKED	EA
DATE	1-9-95
SCALE	1/4" = 1'-0"
JOB NO.	94-119
SHEET	E-1
OF	3



SECOND FLOOR PLAN

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

BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:

ESI
ENERGY SCIENCES INC
CONSULTING ENGINEERS
MECH./ELEC. - #12454
255 ALHAMBRA CIRCLE
SUITE 412
CORAL GABLES, FL 33134
(305) 448-0828

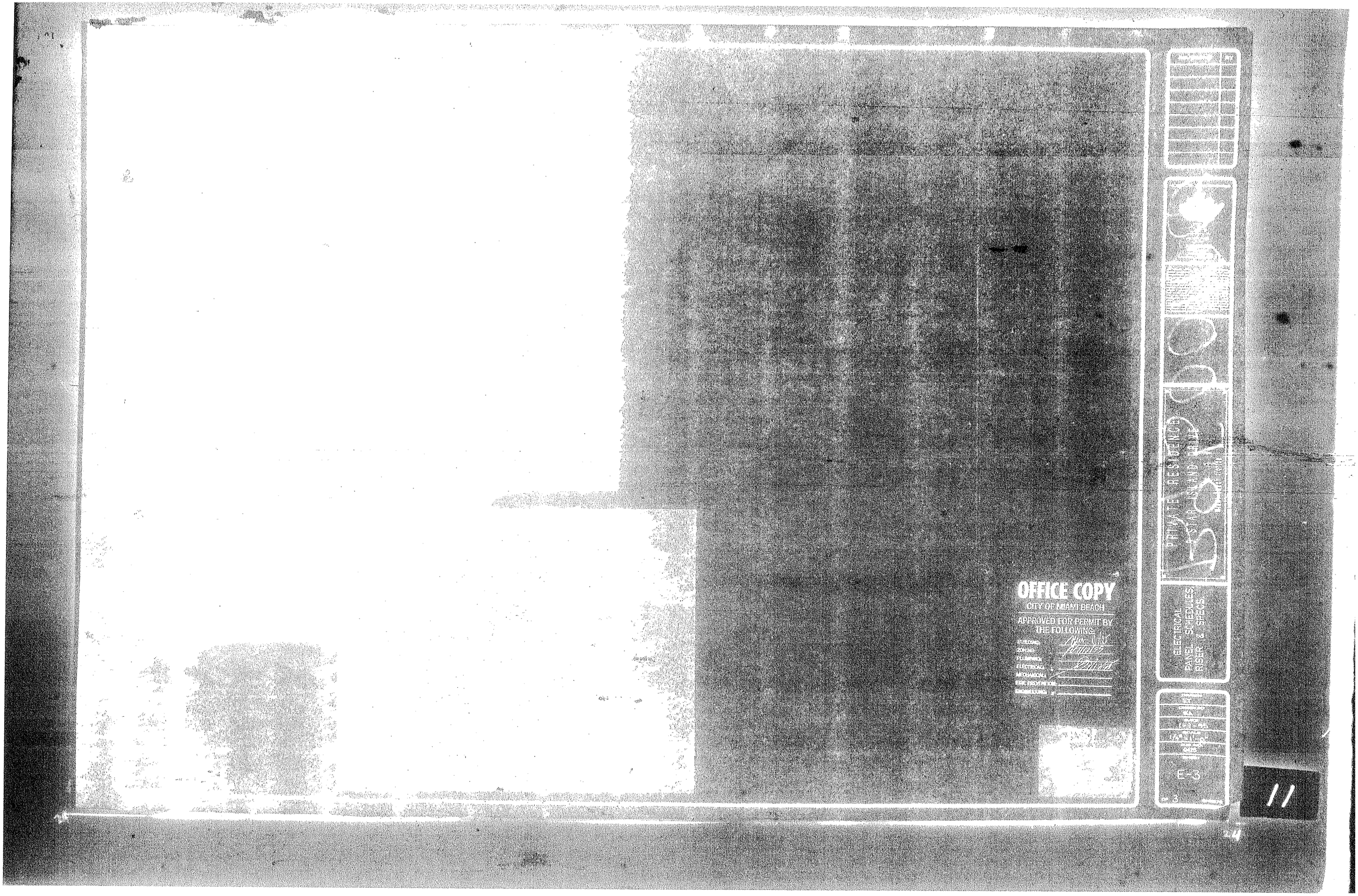
COMMENTS	BY

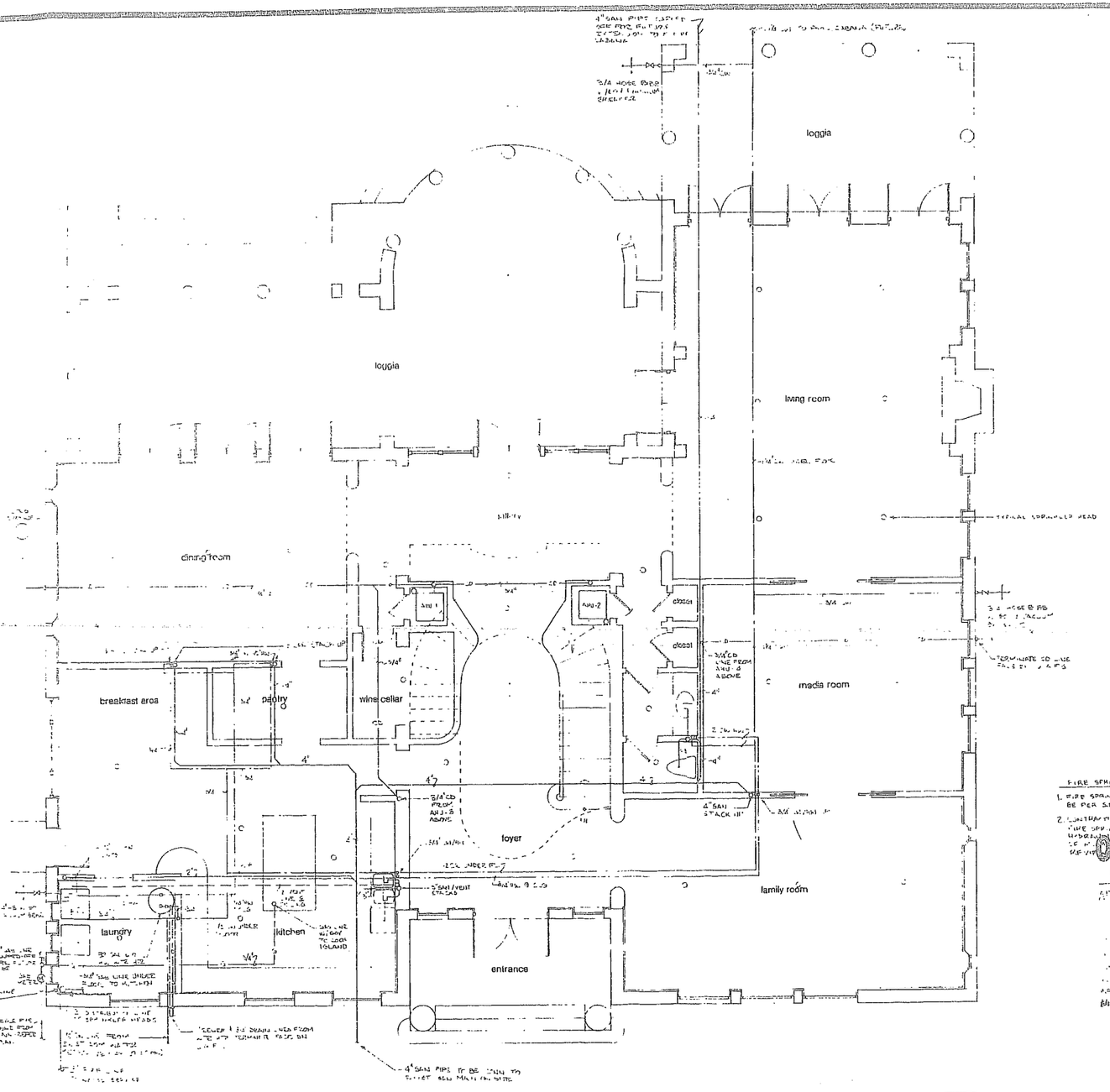
STA
ARCHITECTURE PLANNING
ARCOM LTD
Interiors
Miami/NYC
www.arcom.com

PRIVATE RESIDENCE
5 STAR ISLAND GRIVE
miami beach florida

ELECTRICAL
SECOND FLOOR PLAN

DRAWN ET
CHECKED EA
DATE 1-15
SCALE 1/4"=1'-0"
JOB NO. 9425.00
SHEET E-2


OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:
BUILDING
ZONING
FIRE
ELECTRICAL
PLUMBING
PUBLIC WORKS
ELECTRICAL
PANEL
RISER
SHEDULES
SPECS
PLUMBING
PANEL
RISER
SHEDULES
SPECS
11



GROUND FLOOR PLAN

FIRE SPRINKLER NOTES:

1. FIRE SPRINKLER SYSTEM SHALL BE PER S.F.B.C. AND SEC. 13.A CC 1.10.95
2. CONTRACTOR SHALL SUBMIT UNDER FIRE SPRINKLER SHOP DRAWINGS

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CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY THE FOLLOWING:

ESI

ENERGY SCIENCES INC.
CONSULTING ENGINEERS
MECH./ELEC. - 042454

205 ALHAMBRA CIRCLE
SUITE 412
CORAL GABLES, FL 33134
(305) 446-0826

REVISIONS	BY

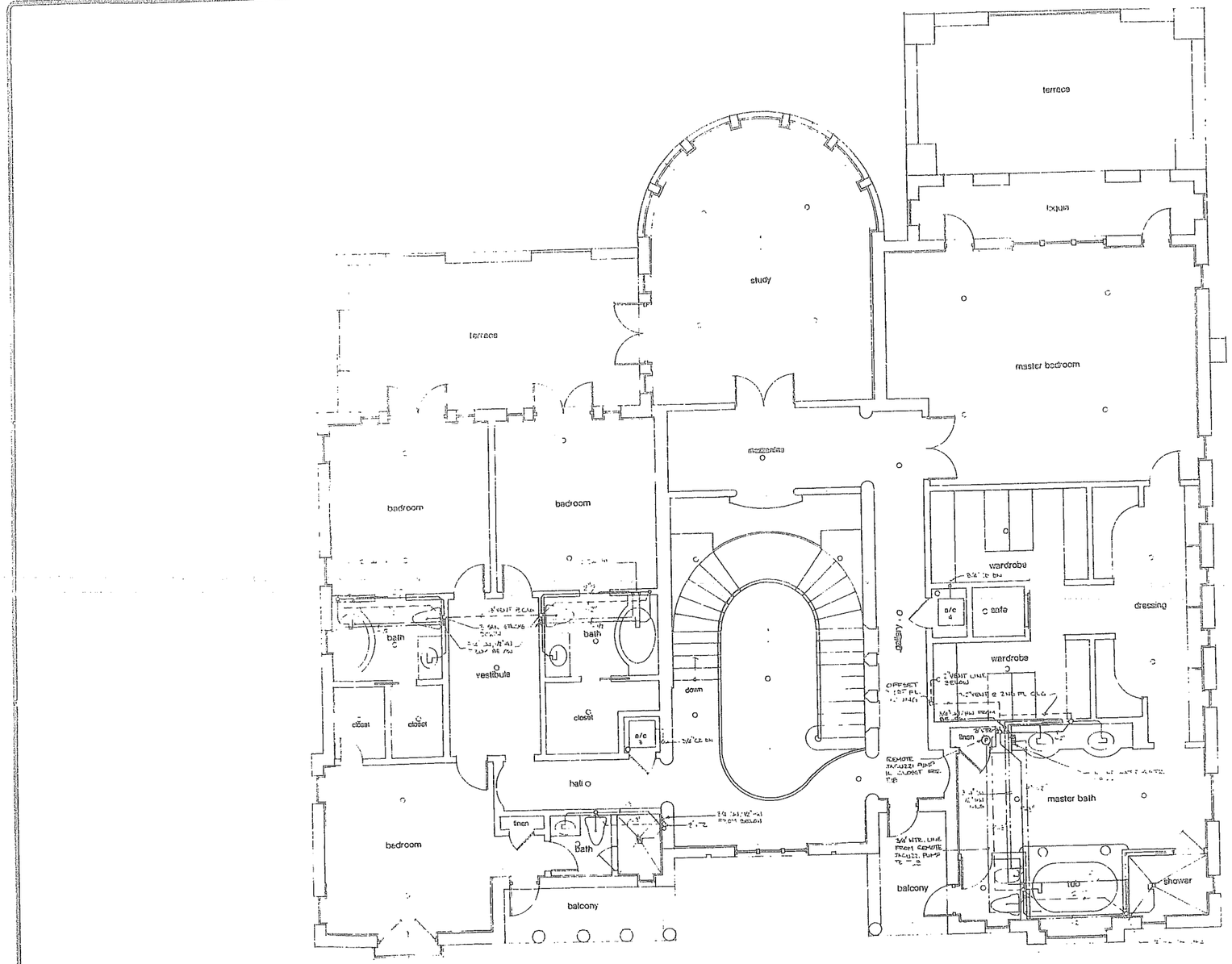
STA

AA0001103

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach, fl. 33139

PLUMBING
GROUND FLOOR
PLAN

DRAWN
EA
CHECKED
ESL
DATE
1-10-95
SCALE
1/4" = 1'-0"
JOB NO
SHEET
P-1
OF 3 SHEETS



SECOND FLOOR PLAN

ESI
ENERGY SCIENCES INC
CONSULTING ENGINEERS
MECH./ELEC. – 042454
255 ALHAMBRA CIRCLE
SUITE 422
CORAL GABLES, FL 33134
(305) 448-0229

REVISIONS	BY

ARCHITECTURE • INTERIORS • PLANNING
STA
ARCHITECTURAL GROUP
AA0001163
Miami Beach Florida

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach florida

PLUMBING SECOND FLOOR PLAN

DRAWN	
CHECKED	
DATE	
SCALE	
JOB NO	
SHEET	P-2
OF 3 SHEETS	

FOR CONTINUATION SEE DWG. S2-6

FOR CONTINUATION SEE SHEET S1.5

FOUNDATION FRAMING PLAN
1/4" = 1'-0"

SECTION 1
3/4" = 1'-0"

3500 PSI TOP. DRILL 1" ϕ x 6" INTO EXISTING CONC. AND SET BARS IN EPOXY GROUT

5'-0" TEMP

4'-0" TEMP

MAGNUM DRILL 3/4" ϕ x 6" INTO EXIST. CONC. AND SET BARS IN EPOXY GROUT

EL. -0'-7"

TB

GB

P14 BEYOND

CITY OF MIAMI BEACH
RECEIVED
JUL 11 1995
BUILDING DEPARTMENT

P14 14" ϕ AUGER - CAST CONC PILE INSTALLED TO 35 TON COMPRESSION CAPACITY, SEE STRUCTURAL NOTES IN DWG S-5

FOR LOCATION OF WALL PILING AND COLUMNS, SEE DWG S-2

FEMA NOTE:
CONCRETE MASONRY WALLS BELOW FLOOD ELEVATION HAVE BEEN DESIGNED TO WITHSTAND HYDROSTATIC FLOOD FORCES.

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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLANNING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES P.E.
FLORIDA CERTIFICATE # 33113
2345 S.W. 15 STREET SUITE 101D MIAMI FL 33145
TEL. (305) 643-3793 FAX (305) 643-3783

REVISIONS	BY
1 POOL DECK 1/26/95	HDL
2 FIREPLACE 2/8/95	HDL
3 FENCE ADDED 5/15/95	HDL
4 INSPECTION PLAN 7/11/95	HDL
5 SPECIAL STAIR 9/27/95	HDL

STA
ARCHITECTURAL GROUP
ARCHITECTURE · INTERIORS PLANNING
120 Edmund Rd.
Miami Beach, Florida 33139

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami, florida

FOUNDATION FRAMING PLAN

DRAWN: E.C.
CHECKED: HDL
DATE: 1/9/95
SCALE: AS NOTED
JOB NO.: 9507
SHEET: S-1

FOR CONTINUATION SEE SHEET S4-6

FOUNDATION FRAMING PLAN
1/4"=1'-0"

FOR CONTINUATION SEE SHEET S4-7

SECTION 1
3/4"=1'-0"

CITY OF BAL HARBOUR
RECEIVED
JUL 11 1995
BUILDING DEPARTMENT

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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL: 7/13/95
ACCESSIBILITY:

P14: 14" Ø AUGER-CAST CONC. PILE INSTALLED TO 35 TON COMPRESSION CAPACITY, SEE STRUCTURAL NOTES IN DWG. S-5

FOR LOCATION OF WALL REINF. AND COLUMNS SEE DWG S-2

FOR NOTE:
CONCRETE MASONRY WALLS BELOW FLOOD ELEVATION HAVE BEEN DESIGNED WITH OPENINGS AND/OR OTHER FLOOD PROOFING.

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
FLORIDA CERTIFICATE # 33112
2341 S.W. 32 STREET, SUITE #106, MIAMI, FL 33133
TEL. (305) 856-7774 FAX (305) 856-7793

REVISIONS

	BY
1 FOOTING SIZE 1/26/95	HDLR
2 FIRE PACE 2/16/95	HDLR
3 FOOTING CHANGE 4/14/95	HDLR
4 INTERIOR PI-9" 11-1/2"	HDLR
5 SPIRAL STAIR 6/14/95	HDLR

ARCHITECTURE · INTERIORS · PLANNING
STA
ARCHITECTURAL GROUP, INC.
4000 NE
Suite 330
Miami Beach, Florida 33140

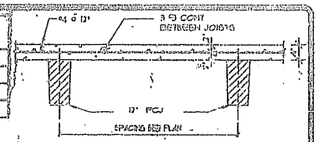
PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
Miami Beach, Florida

FOUNDATION FRAMING PLAN

DRAWN: B.O.
CHECKED: HDLR
DATE: 1/4/95
SCALE: AS NOTED
JOB NO.: 9507
SHEET: S-1

12

PRECAST CONCRETE JOIST SUPERIMPOSED LOADS	
DEAD	30 P.S.F.
LIVE	40 P.S.F.
DEAD, TERRACES	20 P.S.F.
LIVE, TERRACES	60 P.S.F.



TYPICAL PCJ FLOOR DECK DETAIL

TOP SLAB REINFORCING SCHEDULE	
MARK	DESCRIPTION
A	#5 @ 12" x 5'-6" + 6" HOOK
B	#5 @ 12" x 4'-6" + 6" HOOK
C	#4 @ 12" x 5'-0"
D	2 #5 x 5'-0"
E	#4 @ 12" x 7'-0"

REVISIONS	BY
1 REV. PER CITY COMMENTS 10/10/14	M.D.L.E.
2 REV. PER CITY COMMENTS 11/19/14	M.D.L.E.
3 REV. PER CITY COMMENTS 12/17/14	M.D.L.E.
4 REV. PER CITY COMMENTS 1/13/15	M.D.L.E.

STA
ARCHITECTURE INTERIORS PLANNING
MIAMI
1111 Brickell Ave
Miami, Florida 33131

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
Miami Beach, Florida

GROUND FLOOR FRAMING PLAN

DRAWN: S.O.
CHECKED: M.D.L.E.
DATE: 1/14/15
SCALE: AS NOTED
JOB NO: 95
SHEET: S-2

GROUND FLOOR FRAMING PLAN

1/4"=1'-0"

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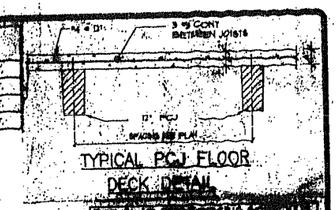
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:

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

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
MEMBER DE LOS REYES P.E. FLORIDA CERTIFICATE # 53117
7744 N.W. 48 STREET, DORAL (MIAMI), FL 33166
TEL. (305) 640-9978 FAX. (305) 640-9722

12

PRECAST CONCRETE JOIST SUPERIMPOSED LOADS	
DEAD	30 P.S.F.
LIVE	40 P.S.F.
DEAD, TERRACES	20 P.S.F.
LIVE, TERRACES	60 P.S.F.



TYPICAL PCJ FLOOR DECK DETAIL

TOP R.F. REINFORCING SCHEDULE

MARK	DESCRIPTION
A	#5 @ 12" X 3'-0" + 6" HOOK
B	#4 @ 12" X 4'-6" + 6" HOOK
C	#4 @ 12" X 8'-0"
D	2 #5 X 3'-0"
E	#4 @ 12" X 1'-0"

REVISIONS	BY
1 REVISED PER PB COMMENTS	M.D.L.F.
2 REVISED PER PB COMMENTS	M.D.L.F.
3 OPTIONAL SPA FINISH PER PB COMMENTS	M.D.L.F.
4 FIRE FLOW 5/15/95	M.D.L.F.

STA ARCHITECTURAL GROUP
AA0001185
710 Clematis Way
West Palm Beach, Florida 33401

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
Miami Beach, Florida

GROUND FLOOR FRAMING PLAN

DRAWN	S.C.
CHECKED	M.D.L.F.
DATE	1/9/95
SCALE	AS NOTED
JOB NO.	95
SHEET	S-2

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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:

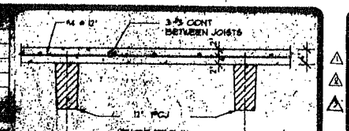
BUILDING:	
ZONING:	
PLUMBING:	
ELECTRICAL:	
MECHANICAL:	
FIRE PREVENTION:	
ENGINEERING:	
PUBLIC WORKS:	
STRUCTURAL:	
ACCESSIBILITY:	

GROUND FLOOR FRAMING PLAN
1/4"=1'-0"

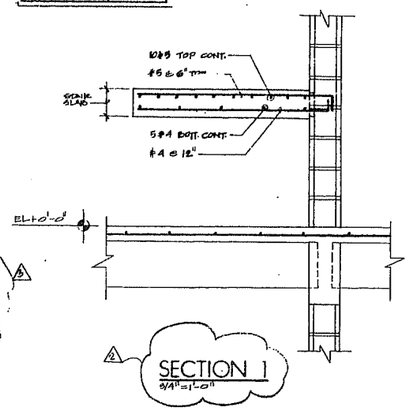
DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
DIRECTOR DE LOS REYES, P.E.
FLORIDA CERTIFICATE # 33117
7344 S.W. 48 STREET, SUITE 610A, MIAMI, FL 33155
TEL: (305) 665-7775 FAX (305) 663-2793

TOP SLAB REINFORCING SCHEDULE	
MARK	DESCRIPTION
A	#5 @ 12" x 3'-6" + 6" HOOK
B	#4 @ 12" x 4'-6" + 8" HOOK
C	#4 @ 12" x 2'-8"
D	2 #5 x 8'-0"
E	#4 @ 12" x 7'-0"

PRECAST CONCRETE JOIST SUPERIMPOSED LOADS	
DEAD	30 P.S.F.
LIVE	40 P.S.F.
DEAD, TERRACES	20 P.S.F.
LIVE, TERRACES	60 P.S.F.



TYPICAL PCJ FLOOR DECK DETAIL



REVISIONS	BY
GEN. REVISIONS 4-13-15	
REVISED & NOTED 4/30/15	H.D.L.R.
FIN. FLOORS 5/1-5/15	HDLR

STA ARCHITECTURAL GROUP

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
Miami Beach, Florida

SECOND FLOOR FRAMING PLAN

DRAWN: B.O.
CHECKED: HDLR
DATE: 1/9/15
SCALE: AS NOTED
JOB NO.
SHEET: S-3
OF SHEETS

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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:

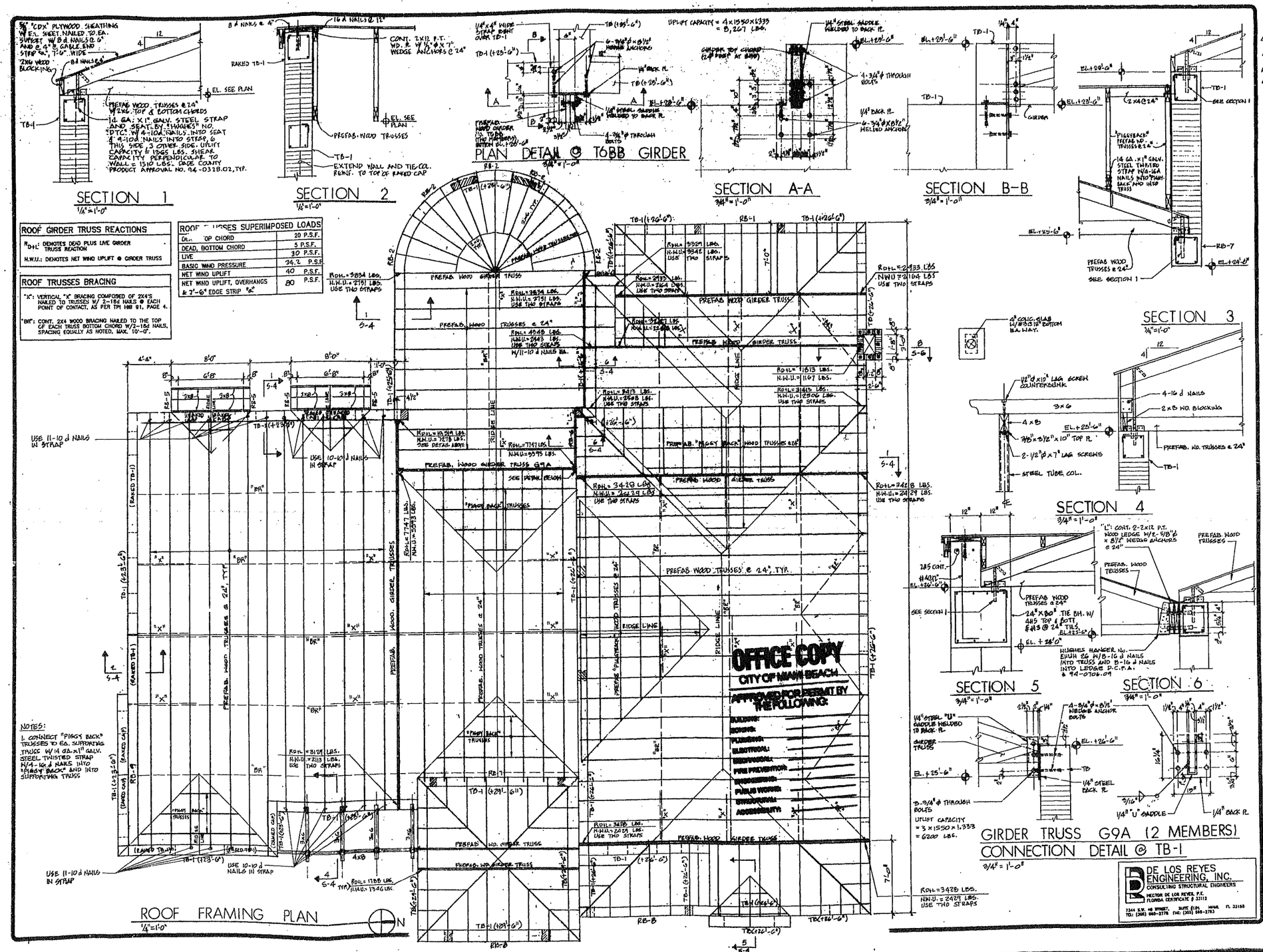
BUILDING: _____
ZONING: _____
PLUMBING: _____
ELECTRICAL: _____
MECHANICAL: _____
FIRE PREVENTION: _____
ENGINEERING: _____
PUBLIC WORKS: _____
STRUCTURAL: _____
ACCESSIBILITY: _____

SECOND FLOOR FRAMING PLAN
1/4" = 1'-0"

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES P.E.
FLORIDA CERTIFICATE # 33115
7344 S.W. 48 STREET, SUITE #106, MIAMI, FL 33155
TEL: (305) 668-2778 FAX: (305) 896-3787

FOR CONTINUATION SEE DWG. SA-9.1

12


SECTION 1
1/4"=1'-0"
SECTION 2
1/8"=1'-0"
PLAN DETAIL @ T6BB GIRDER
3/4"=1'-0"
SECTION A-A
3/4"=1'-0"
SECTION B-B
3/4"=1'-0"
SECTION 3
3/4"=1'-0"
SECTION 4
3/4"=1'-0"
SECTION 5
3/4"=1'-0"
SECTION 6
3/4"=1'-0"
GIRDER TRUSS G9A (2 MEMBERS)
CONNECTION DETAIL @ TB-1
3/4"=1'-0"
ROOF FRAMING PLAN
1/4"=1'-0"
ROOF GIRDER TRUSS REACTIONS
ROOF TRUSSES BRACING
ROOF TRUSSES SUPERIMPOSED LOADS
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CITY OF MIAMI BEACH
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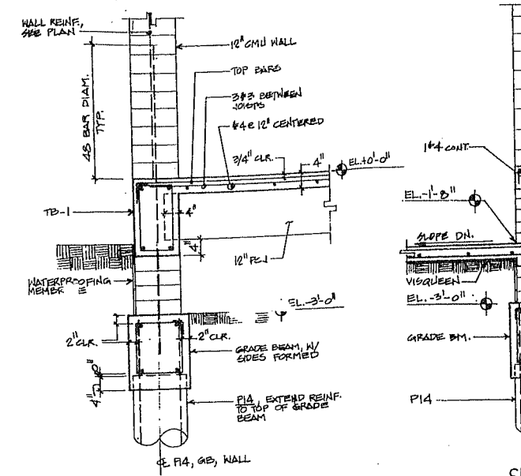
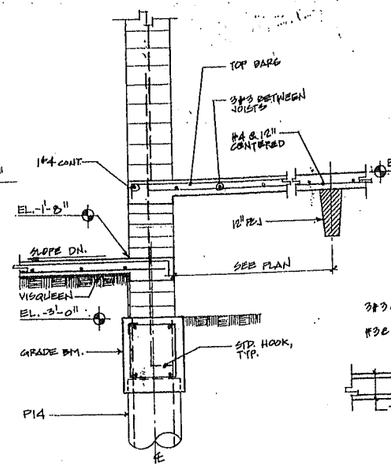
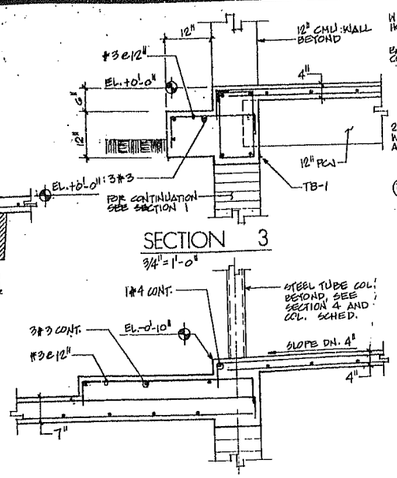
DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
REVISIONS
PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach, florida
ROOF FRAMING PLAN
S-4



SECTION 1
3/4" = 1'-0"

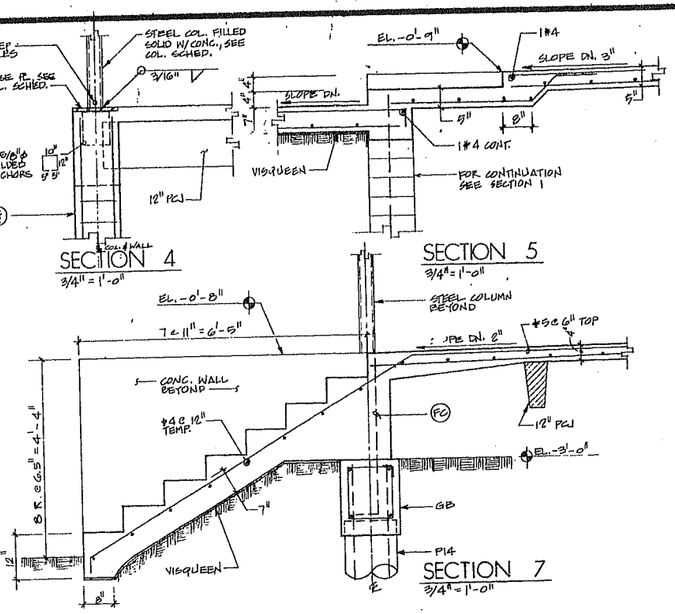


SECTION 2
3/4" = 1'-0"



SECTION 3
3/4" = 1'-0"

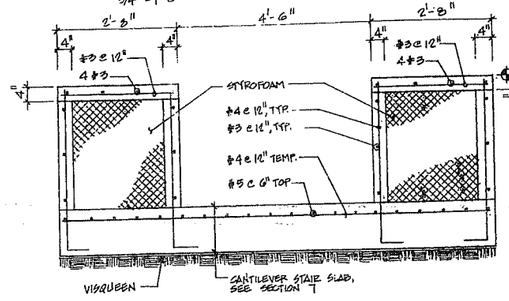
SECTION 6
3/4" = 1'-0"



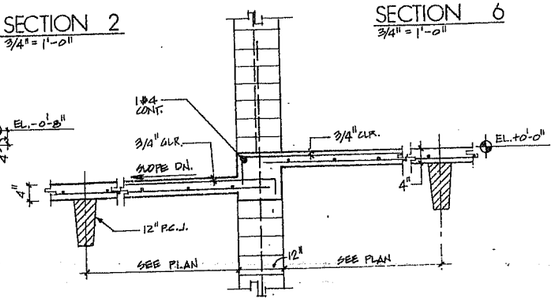
SECTION 4
3/4" = 1'-0"

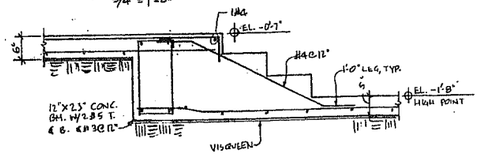
SECTION 5
3/4" = 1'-0"

SECTION 7
3/4" = 1'-0"



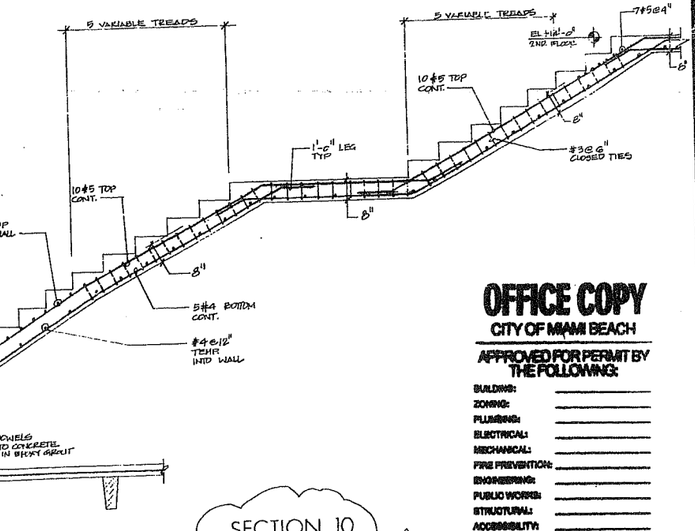
SECTION 8
3/4" = 1'-0"





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

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



SECTION 10
1/2" = 1'-0"

REVISIONS	BY
1 REVISED AS NOTED 04/04/05	H.D.L.R.
2 REVISED AS NOTED 4/27/05	H.D.L.R.

ARCHITECTURE · INTERIORS · PLANNING
STA ARCHITECTURAL GROUP
ANDRE
415 Espanola Way
Miami Beach, Florida 33139

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE

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BUILDING: _____
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ELECTRICAL: _____
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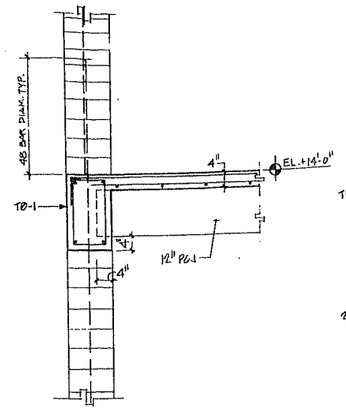
FIRE PREVENTION: _____
ENGINEERING: _____
PUBLIC WORKS: _____
STRUCTURAL: _____
ACCESSIBILITY: _____

DRAWN
CHECKED HDL/L
DATE 3/20/05
SCALE
JOB NO.
SHEET S-5
OF SHEETS

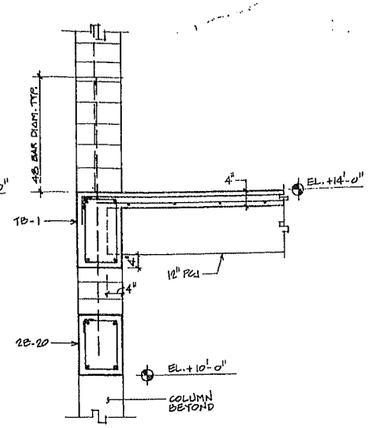
DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
FLORIDA CERTIFICATE # 33112
7344 S.W. 48 STREET, SUITE #104, MIAMI, FL. 33155
TEL: (305) 665-2770 FAX: (305) 665-2792

12

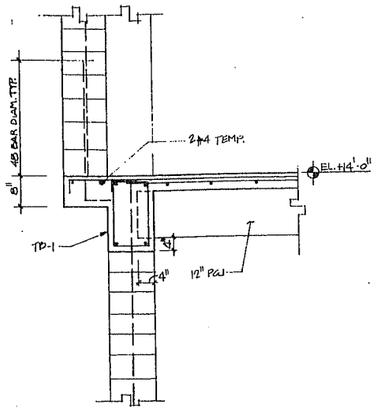
4



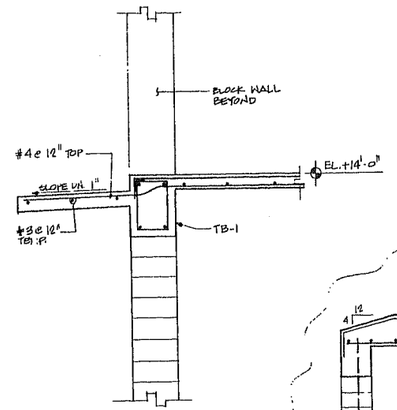
SECTION 1
3/4" = 1'-0"



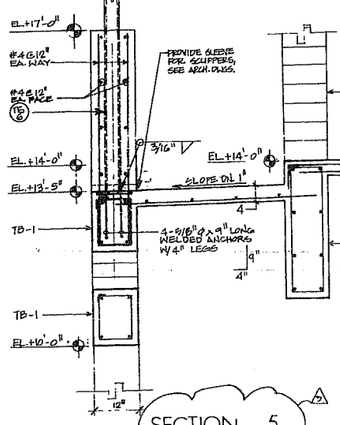
SECTION 2
3/4" = 1'-0"



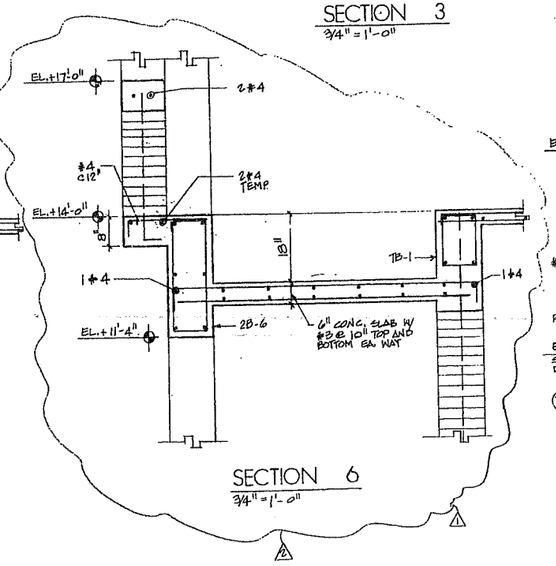
SECTION 3
3/4" = 1'-0"



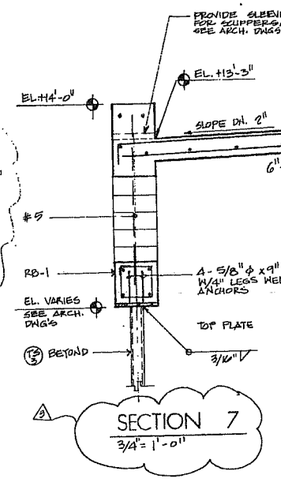
SECTION 4
3/4" = 1'-0"



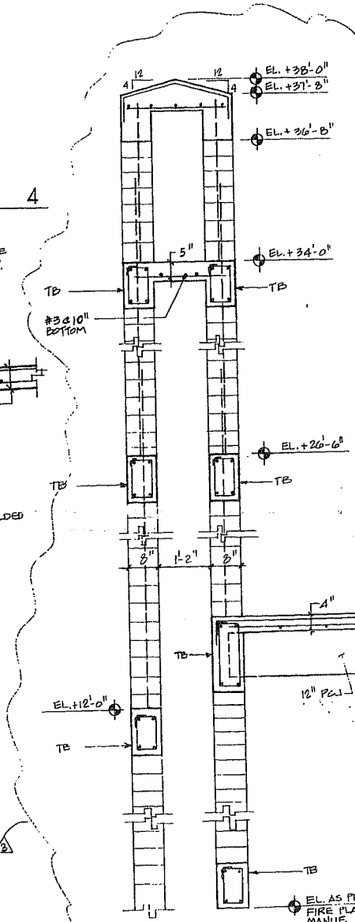
SECTION 5
3/4" = 1'-0"



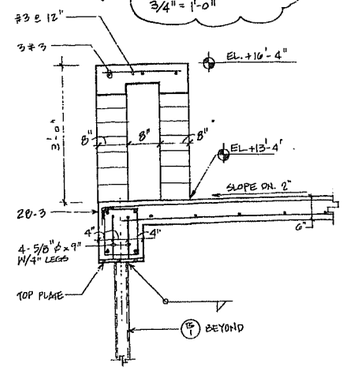
SECTION 6
3/4" = 1'-0"



SECTION 7
3/4" = 1'-0"



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



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

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BUILDING: _____
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MECHANICAL: _____
FIRE PREVENTION: _____
ENGINEERING: _____
PUBLIC WORKS: _____
STRUCTURAL: _____
ACCESSIBILITY: _____

REVISIONS	BY
1 SECOND &	S.D.
2 GEN. REVISIONS 4-13-95	
3 GEN. REVISIONS 4-27-95	H.D.L.R.

ARCHITECTURE · INTERIORS · PLANNING
STA ARCHITECTURAL GROUP
AA0011145
419 Sarmento Ave.
Miami Beach, Florida 33139

4-13-95

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5 STAR ISLAND DRIVE
Miami Beach, Florida

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DATE 3-31-95
SCALE
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SHEET S-6
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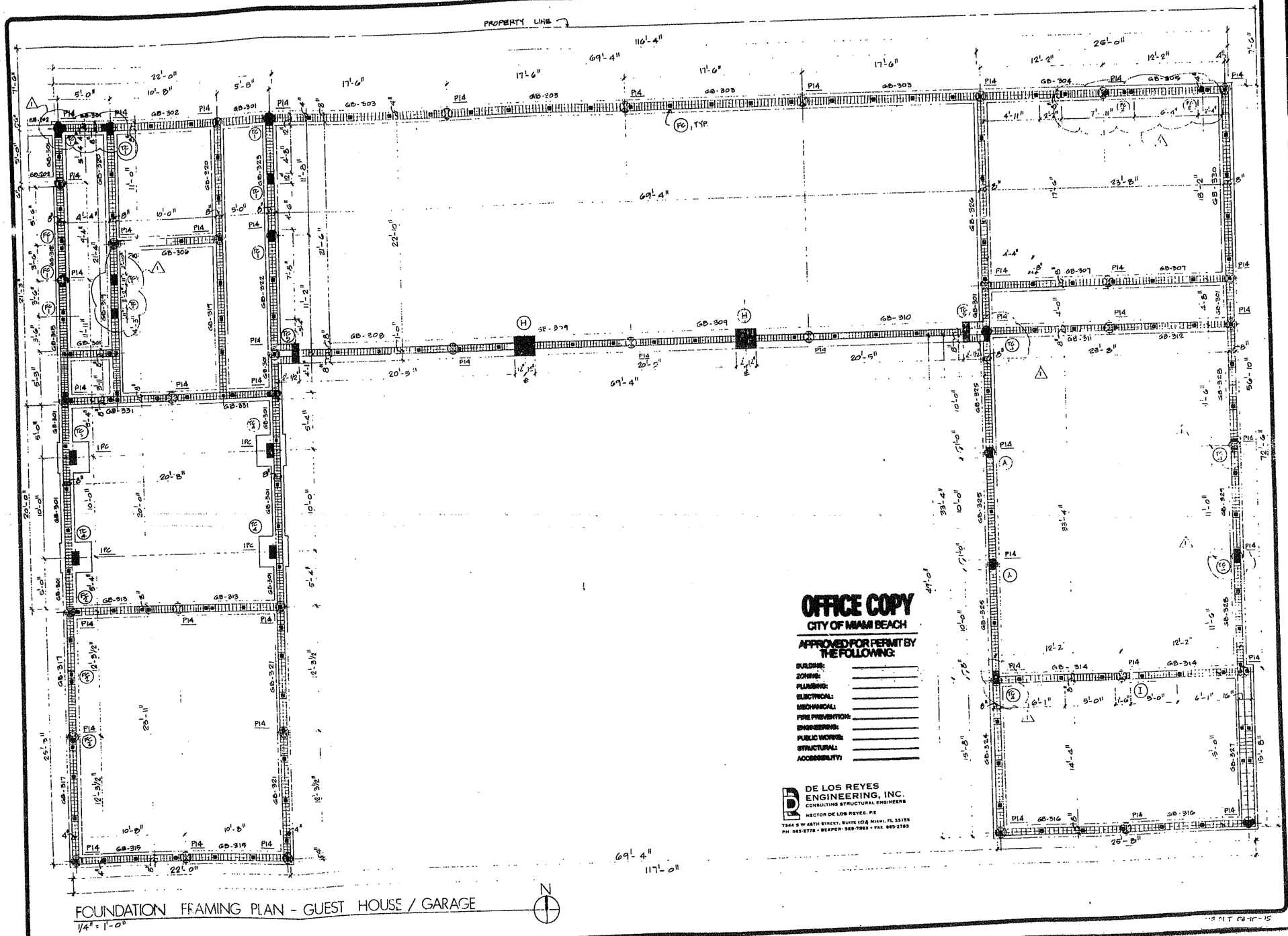
DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
FLORIDA CERTIFICATE # 33112
7344 S.W. 48 STREET SUITE 810A, MIAMI, FL 33155
TEL. (305) 665-2778 FAX (305) 665-3783



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PUBLIC WORKS: _____
STRUCTURAL: _____
ACCESSIBILITY: _____

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
7344 S.W. 48TH STREET, SUITE 104 MIAMI, FL 33155
PH 665-2778 • BEEPER 368-7983 • FAX 665-2783

REVISIONS	BY
1 REVISED & NOTED 09/27/95	HPLR

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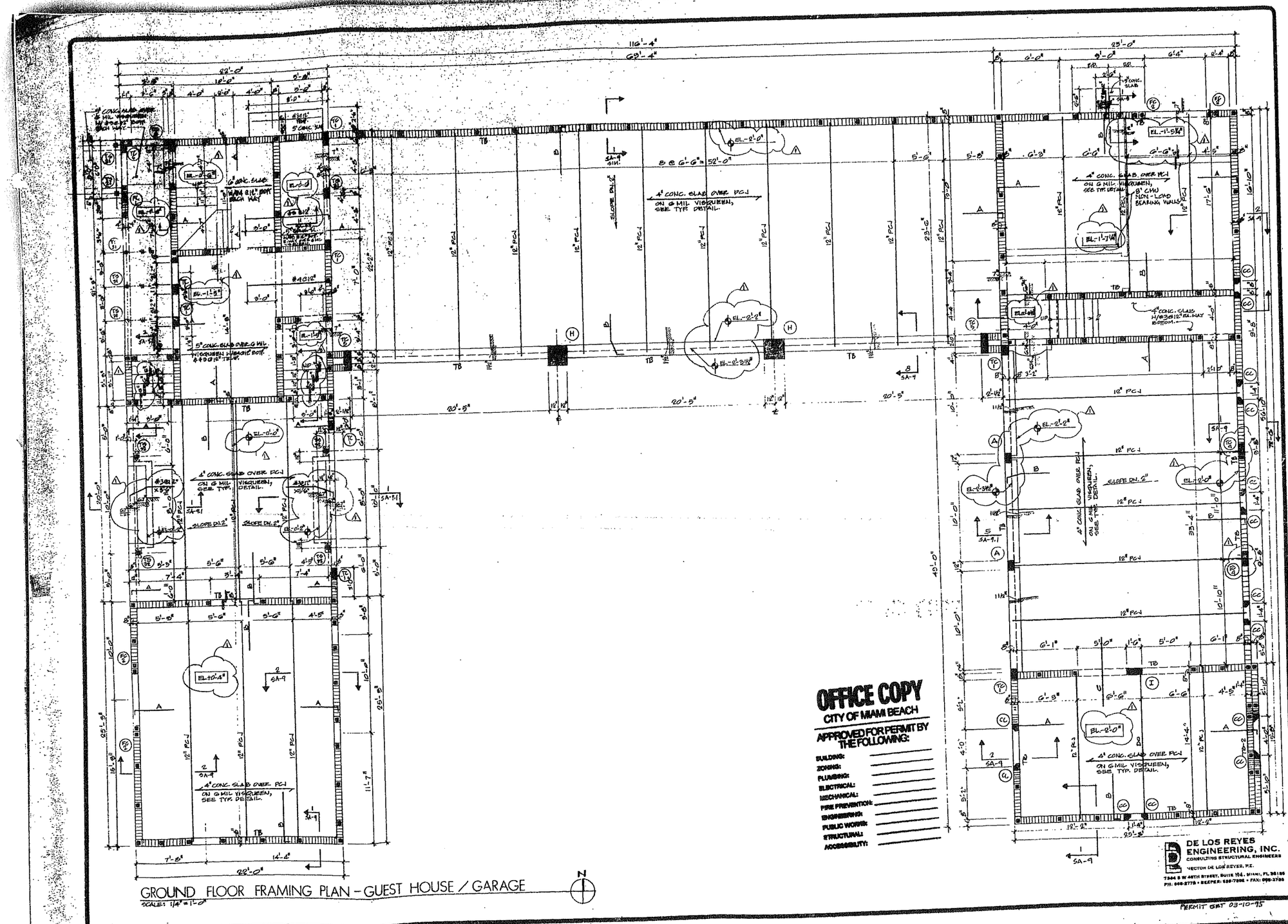
AA0001168

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach florida

DRAWN	H.P.
CHECKED	H.D.L.R.
DATE	5-12-95
SCALE	AS NOTED
JOB NO	9425
SHEET	SA-1
OF	SHEETS


GROUND FLOOR FRAMING PLAN - GUEST HOUSE / GARAGE
SCALE: 1/4" = 1'-0"
4" CONC. SLAB OVER PC-I ON 6 MIL VISQUEEN, SEE TYP. DETAIL.
5" CONC. SLAB OVER 6 MIL VISQUEEN W/#4@18" EW BOTT. & #4@18" EW TOP
8" CONC. SLAB W/#4@18" BOTT. EACH WAY
EL.-0'-0"
EL.-2'-0"
EL.-1'-7 1/4"
EL.-10'-4"
SLOPE DN. 2"
SLOPE DN. 5"
12" PC-I
B @ 6'-6" = 52'-0"
116'-4"
62'-4"
92'-0"
25'-0"
20'-5"
40'-5"
45'-0"
25'-8"
22'-0"
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ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
PERMIT SET 03-10-95
DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
7300 S W 40TH STREET, SUITE 104, MIAMI, FL 33155
PH: 666-8778 • BEEPER: 530-7806 • FAX: 666-3785
REVISIONS
STA
AAC001169
PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach florida
DRAWN B.O.
CHECKED HDLR
DATE 2/23/95
SCALE
JOB NO. 9426
SHEET SA-2

PROPERTY LINE

TB(+10'-0")

RIDGE LINE

PERSPAN WOOD TRUSSES @ 24" O.C.

ROOF TRUSSES SUPERIMPOSED LOADS

DEAD, TOP CHORD	20 P.S.F.
DEAD, BOTTOM CHORD	5 P.S.F.
LIVE	30 P.S.F.
BASIC WIND PRESSURE	34.2 P.S.F.
NET WIND UPLIFT, ROOF	41 P.S.F.
NET WIND UPLIFT, OVERHANGS & "G" EDGE STRIP "G", ZONE 3	84 P.S.F.

ROOF TRUSSES BRACING

"X" PATTERN, "X" BRACING COMPOSED OF 2X4'S NAILED TO TRUSSES W/ 2-10D NAILS IN EACH POINT OF CONTACT, AS PER TPI 1981-81, PAGE 4.

"BR" CONT. 2X6 WOOD BRACING NAILED TO THE TOP OF EACH TRUSS BOTTOM CHORD, AT THE WEB BRACING EQUALLY AS NOTED, MAX. 10'-0"

ROOF GIRDER TRUSS REACTIONS

"D+L" DENOTES DEAD PLUS LIVE GIRDER TRUSS REACTION

"N.W.U." DENOTES NET WIND UPLIFT @ GIRDER TRUSS.

EDL = 1410 LBS
NWU = 1227 LBS
TYP.

16 TREADS @ 11" = 14'-8"

17 RISERS @ 6.74" = 9'-6"

COLUMN BEYOND

EL 13'-6"

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

SECOND FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
STRUCTURAL:
ACCESSIBILITY:

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
7344 S W 48TH STREET, SUITE 308, Miami, FL 33155
PH: 305-2778 • BEEPER: 305-7912 • FAX: 666-2795

PERMIT SET 08-10-15

REVISIONS

1 REVISED PER PLANNING 1/12/16	WRG
2 GEN'L REVISIONS 4-13-95	GL
3 GEN'L REVISIONS 4-27-95	

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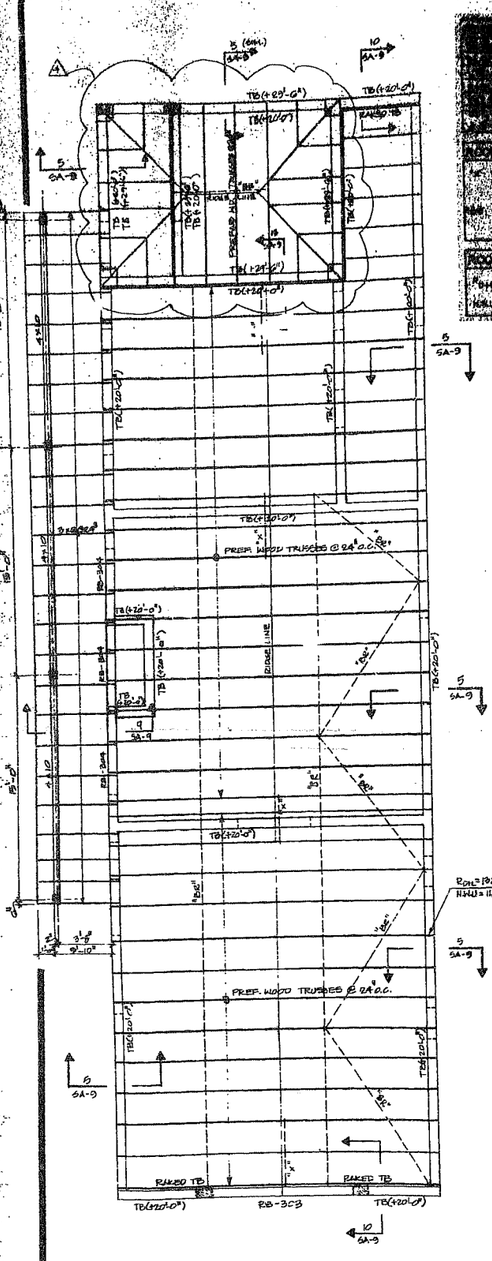
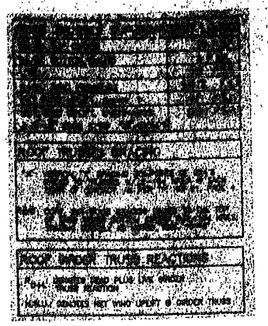
STA
AA0001198

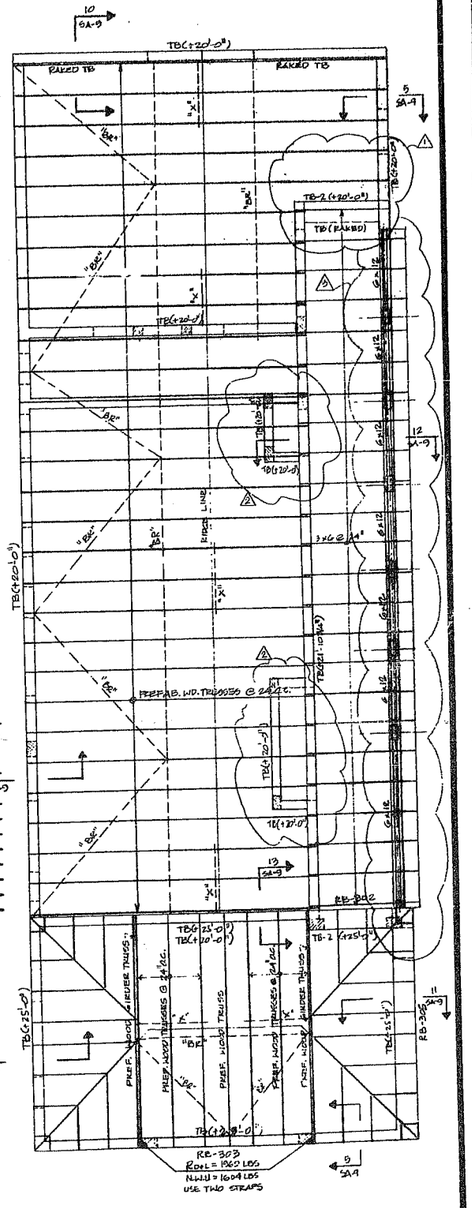
PRIVATE RESIDENCE
5 STAR ISLAND DRIVE

DRAWN: B.O.
CHECKED: H.D.L.
DATE: 2/23/95
SCALE:
JOB NO.: 9426
SHEET: SA-3
OF

12







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CITY OF MIAMI BEACH
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PUBLIC WORKS: _____
STRUCTURAL: _____
ACCESSIBILITY: _____

BEAM SCHEDULE

MARK	TOP ELEV.	SIZE W x H	REINFORCING T	REINFORCING B	REINFORCING C	REINFORCING S	REINFORCING T	TIES OR STIRRUP NO.	TIES OR STIRRUP TYPE	TIES OR STIRRUP SPACES EA END	REMARKS
2B-301	+10'-0"	8"x12"	2#9	3#5				#5	C	@ 12"	
2B-302	+10'-0"	8"x16"	3#7	4#5	1#6			#3	C	@10"	
2B-303	+10'-0"	8"x24"	6#8		1#6			#3	C	@10"	
2B-304	+10'-0"	8"x30"	3#9	2#5				#3	C	@ 8"	
2B-305	+10'-0"	8"x18"	3#7	3#5				#3	C	@ 7"	
2B-306	+10'-0"	8"x24"	3#5	3#5				#3	C	@12"	@ARCHED BM., SEE TYP. DET.
2B-307	+10'-0"	8"x12"	2#5	2#5				#3	C	@ 12"	
2B-308	+9'-8"	8"x20"	3#8	3#5				#3	C	@9"	
2B-309	+9'-8"	8"x16"	3#5	3#5				#3	C	@ 12"	
2B-310	+9'-0"	8"x16"	2#6	2#5	1#6			#3	C	@ 6"	
2B-311	+9'-0"	8"x16"	2#5	2#5	1#6			#3	C	@ 8"	
2B-312	+8'-0"	8"x24"	2#8	2#5	1#7			#3	C	@ 12"	
2B-313	+8'-0"	8"x24"	2#8	2#5	1#7			#3	C	@ 12"	
2B-314	+8'-0"	8"x24"	2#8	2#5	1#7			#3	C	@ 12"	
2B-315	+8'-0"	8"x24"	2#8	2#5	1#7			#3	C	@ 12"	
2B-316	+8'-0"	8"x24"	2#8	2#5	1#7			#3	C	@ 12"	
2B-317	+8'-0"	8"x24"	2#8	2#5	1#7			#3	C	@ 12"	
2B-318	+8'-0"	8"x24"	2#8	2#5	1#7			#3	C	@ 12"	
2B-319	+8'-0"	8"x24"	2#8	2#5	1#7			#3	C	@ 12"	
2B-320	+8'-0"	8"x24"	2#8	2#5	1#7			#3	C	@ 12"	
2B-321	+8'-0"	8"x24"	2#8	2#5	1#7			#3	C	@ 12"	
2B-322	+8'-0"	8"x24"	2#8	2#5	1#7			#3	C	@ 12"	
2B-323	+8'-0"	8"x24"	2#8	2#5	1#7			#3	C	@ 12"	
2B-324	+8'-0"	8"x24"	2#8	2#5	1#7			#3	C	@ 12"	

REVISIONS	BY
1 REVISED AS NOTED 10/31/95	MW/RL
2 GEN. REVISIONS 4-12-96	MW/RL
3 GEN. REVISIONS 11-21-96	MW/RL
4 REVISED AS NOTED 5/25/95	MW/RL

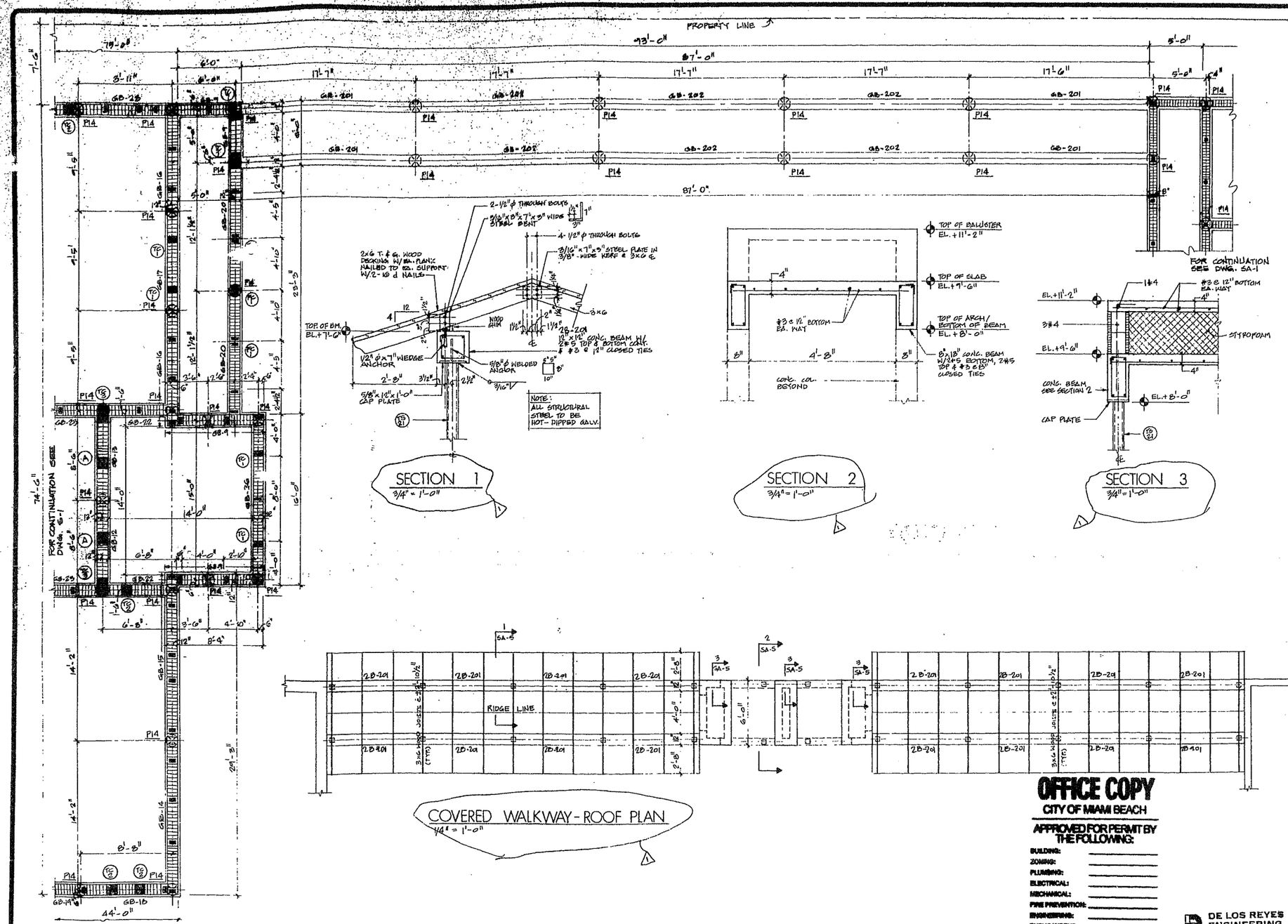
ARCHITECTURE • INTERIORS • PLANNING
STA ARCHITECTURAL GROUP
AA C001198
Miami Beach Florida 33139

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
miami beach florida

DRAWN: B. O.
CHECKED: H.D.L.R.
DATE: 02-15-95
SCALE: AS NOTED
JOB NO.: 9425
SHEET: SA-4
OF SHEETS

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
7866 S.W. 48TH STREET, SUITE 1-3, MIAMI, FL. 33155
PH: 666-2778 • BEEPER: 823-7552 • FAX: 666-2709

PERMIT SET 03-10-95



REVISIONS	BY
⚠ CORRECT WALLS ON ROOF SHEAR	HOLM

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INC.
AA0001166
Miami Beach, Florida

PRIVATE RESIDENCE
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ELECTRICAL: _____
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FIRE PREVENTION: _____
ENGINEERING: _____
PUBLIC WORKS: _____
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ACCESSIBILITY: _____

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
7344 S W 48TH STREET, SUITE, 302, Miami, FL. 33155
PH: 666-2778 • BEEPER: 868-7902 • FAX: 666-8769

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DRAWN	B. O.
CHECKED	H. D. L. R.
DATE	2-15-95
SCALE	AS NOTED
JOB NO.	9426
SHEET	SA-5

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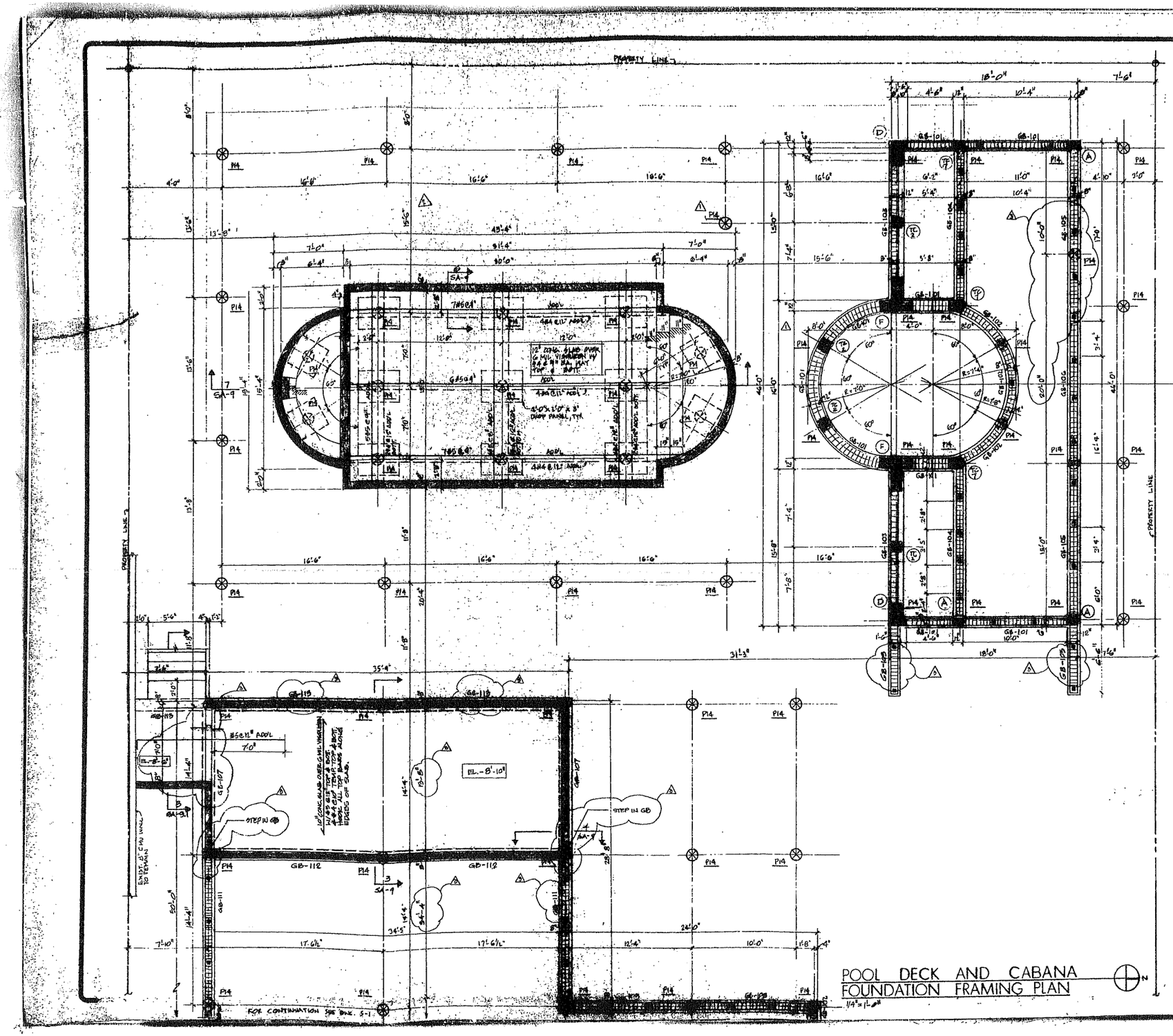
24



REVISIONS	BY
1 FILE ADDED 2-7-95	MDLR
2 PER REV. 2/23/95	MDLR
3 REVISED AS NOTED	MDLR

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DATE 1/26/95
SCALE AS NOTED
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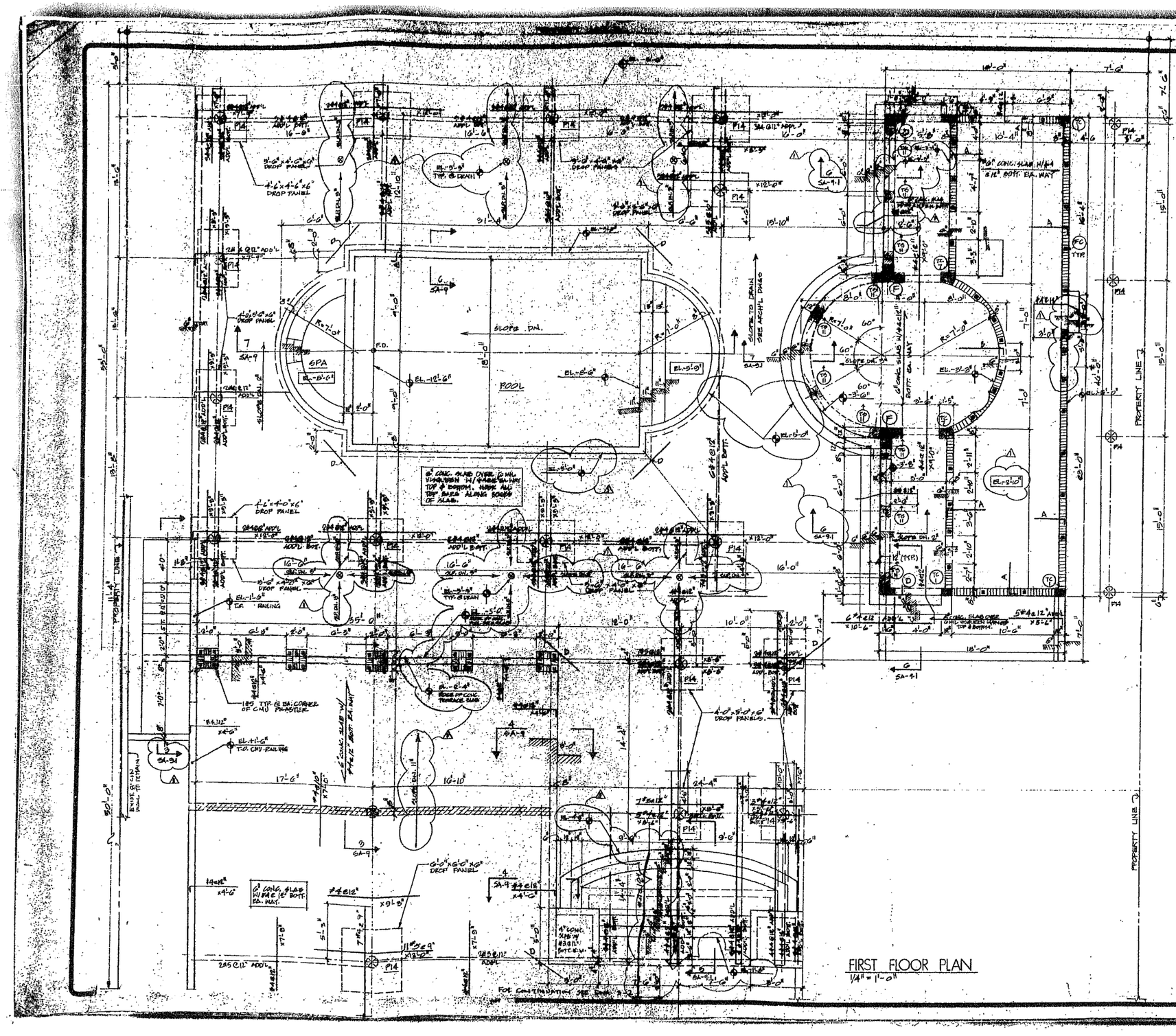
SHEET SA-6



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REVISIONS

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HECTOR DE LOS REYES, P.E.

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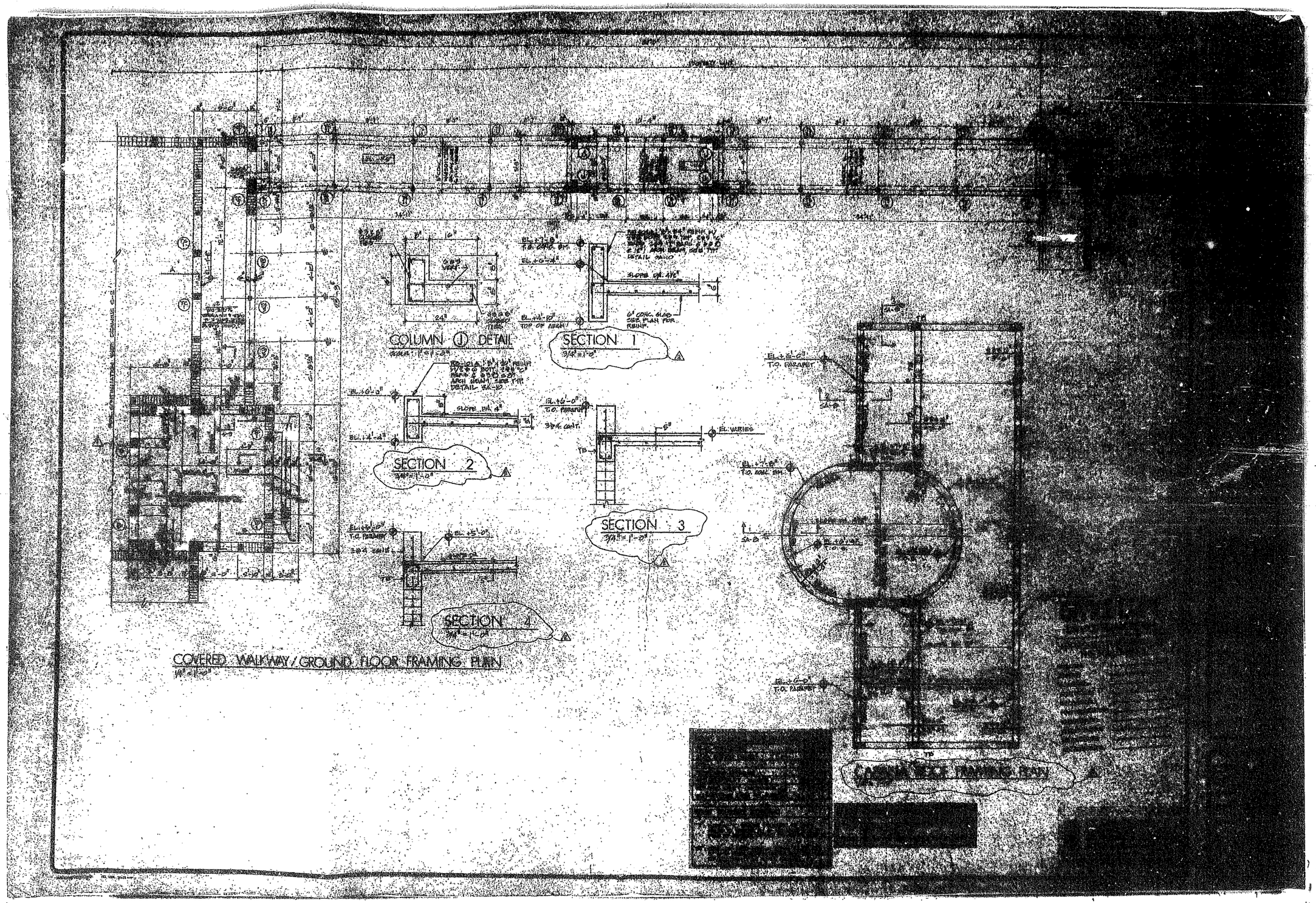
CHECKED: H.D.L.R.
DATE: 2/95
SCALE: AS NOTED
JOB NO.: 9430
SHEET: SA-7
OF

12


COLUMN ① DETAIL
SECTION 1
3/4"=1'-0"
SECTION 2
3/4"=1'-0"
SECTION 3
3/4"=1'-0"
SECTION 4
3/4"=1'-0"
COVERED WALKWAY / GROUND FLOOR FRAMING PLAN
1/8"=1'-0"
T.O. PARAPET
T.O. CONC. SLAB
T.O. CURB
SLOPE 1/4"/1'
EL. VARIES
6" CONC. SLAB SEE PLAN FOR REINF.
TOP OF ARCH
DETAIL 9A/10
DETAIL 9A/10
SEE PLAN FOR REINF.

12

SECTION 1
3/4" = 1'-0"

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

SECTION 3
3/4" = 1'-0"

SECTION 4
3/4" = 1'-0"

SECTION 5
3/4" = 1'-0"

SECTION 6
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SECTION 7
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SECTION 8
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SECTION 9

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

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

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

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

DETAIL A
1/4" = 1'-0"

DETAIL B
1/4" = 1'-0"

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FIELD WORKS:
STRUCTURAL:
ACCESSIBILITY:

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
FLORIDA CERTIFICATE # 33112
7344 S.W. 48 STREET, SUITE 104, MIAMI, FL 33155
TEL: (305) 665-2770 FAX: (305) 930-2793

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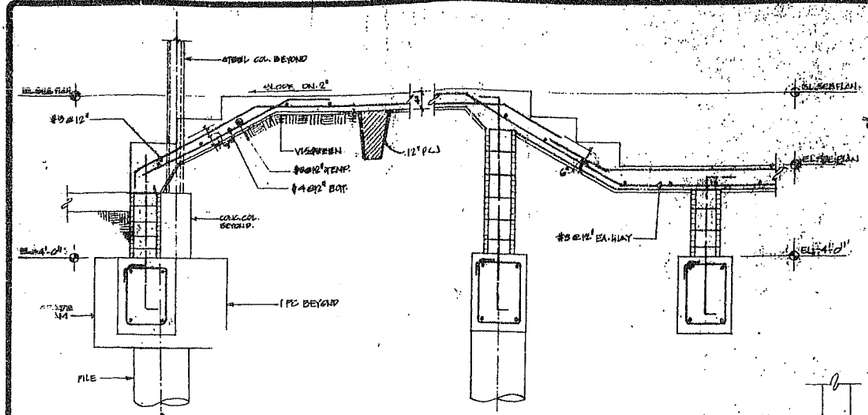

SECTION 1
3/4" = 1'-0"

SECTION 2
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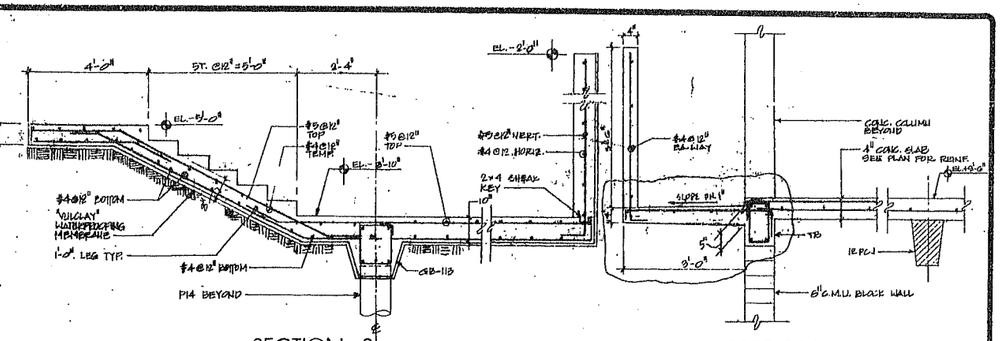

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SECTION 4
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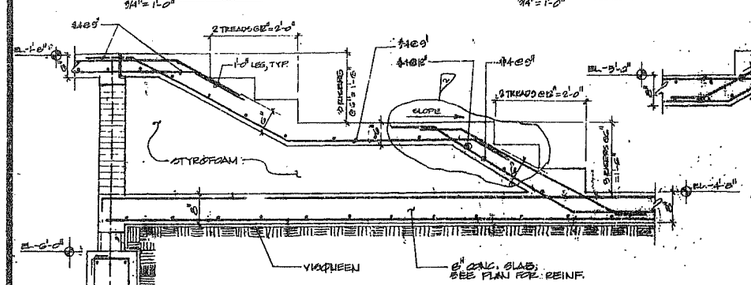

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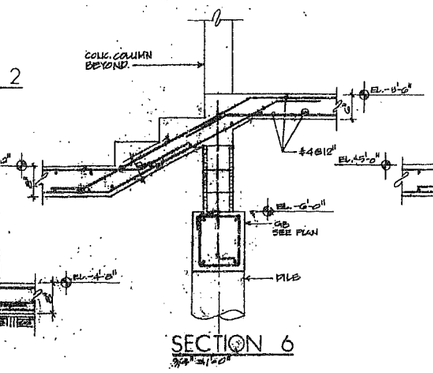

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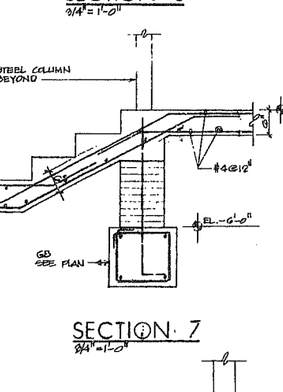

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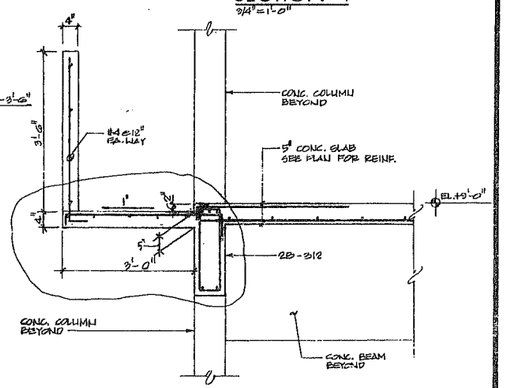

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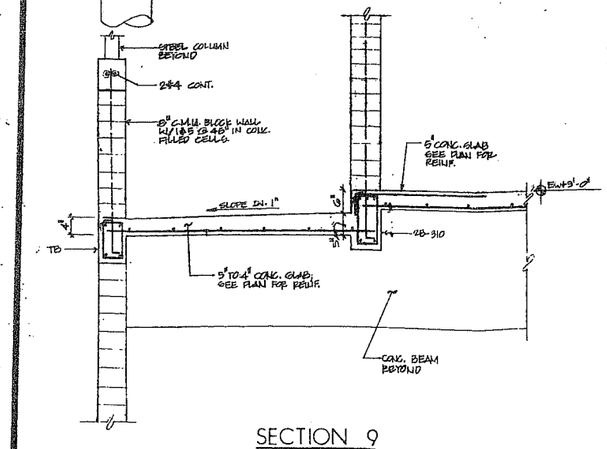
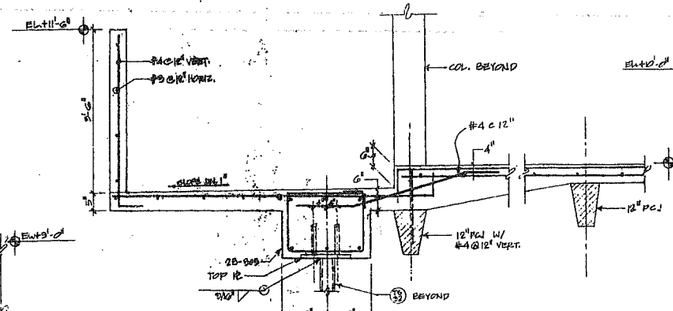
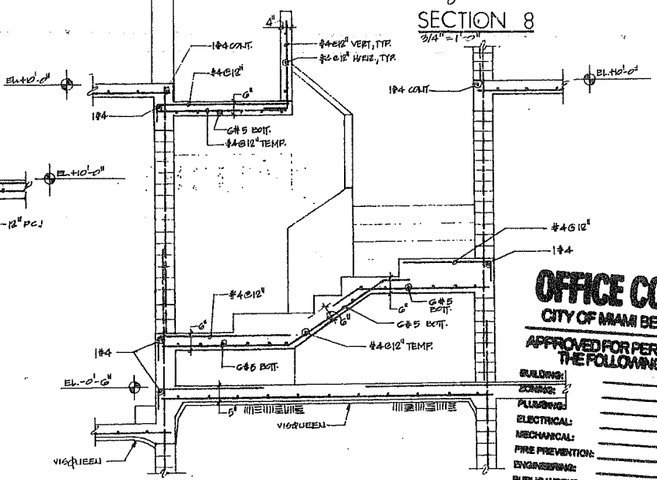


SECTION 9
3/4" = 1'-0"



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



SECTION 11
1/2" = 1'-0"

REVISIONS	BY
1 GENERAL REV. 08/07/95	H.D.L.R.
2 REV. PER NOTES 9/14/95	H.D.L.

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ARCHITECTURE · INTERIORS · PLANNING
414 Lincoln Rd.
West Beach, Florida 33139

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PUBLIC WORKS:	
STRUCTURAL:	
ACCESSIBILITY:	

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HECTOR DE LOS REYES, P.E.
FLORIDA CERTIFICATE # 33312
7344 S.W. 48 STREET, SUITE #104, MIAMI, FL 33155
TEL. (305) 665-2778 FAX: (305) 665-2793

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STRUCTURAL NOTES

1. FOUNDATION:
   - A. THE FOUNDATION SYSTEM CONSISTS OF 14" ROUND AUGER-CAST PILES SUPPORTING REINFORCED CONCRETE GRADE BEAMS AND PILE CAPS.
   - B. 14" ROUND PILES SHALL BE INSTALLED TO DEVELOP A COMPRESSION CAPACITY OF 35 TONS.
   - C. PILES SHALL BE REINFORCED WITH FOUR #5 FULL LENGTH, WITH #3 @ 8" CLOSED TIES EXTENDING TO 3'FROM TOP OF GRADE BEAM.
   - D. PILE INSTALLATION SHALL BE SUPERVISED BY A STATE OF FLORIDA REGISTERED ENGINEER.
   - E. PILE INSTALLATION SHALL CONFORM WITH CHAPTER 24 OF THE SOUTH FLORIDA BUILDING CODE, 1994 EDITION.
   - F. CONTRACTOR SHALL PROVIDE TO THE STRUCTURAL ENGINEER OF RECORD AN AS-BUILT SURVEY SHOWING PINECONE IDENTIFICATION AND LOCATION OF EVERY PILE FOR REVIEW AND APPROVAL PRIOR TO POURING OF GRADE BEAMS.

2. GENERAL:
   - A. ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH THE SOUTH FLORIDA BUILDING CODE, 1994 EDITION: ABCI 7-93, THE ACI 318-89 BUILDING CODE, AND ALL APPLICABLE FEDERAL, STATE AND LOCAL ORDINANCES.
   - B. THESE DRAWINGS AND SPECIFICATIONS COMPLY, TO THE BEST OF MY KNOWLEDGE WITH THE APPLICABLE MINIMUM BUILDING CODE.
   - C. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS OF EXISTING STRUCTURES AFFECTING NEW CONSTRUCTION BEFORE COMMENCING ANY WORK. ANY VARIATIONS IN ACTUAL FIELD CONDITIONS DIMENSIONS FROM THOSE SHOWN IN THE CONTRACT DRAWINGS SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR DETERMINING THE NEED RE-DESIGN PRIOR TO CONTRACTOR'S SUBMITTAL OF SHOP WORKING DRAWINGS FOR REVIEW.
   - D. THESE DRAWINGS SHALL BE NOTED TOGETHER WITH ARCHITECTURAL, AIR CONDITIONING, MECHANICAL AND ELECTRICAL DRAWINGS TO LOCATE ALL SLABS, SLOPES, DRAINS, OUTLETS, RECESSES, OPENINGS, REGLETS, BOLT SETTINGS, SLEEVES, ETC. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
   - E. WHEN PERFORMING WORK BELOW GRADE, CARE SHALL BE TAKEN TO AVOID DAMAGING ANY EXISTING UTILITIES. ALL UNKNOWN UTILITIES DISCOVERED DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER. ANY DAMAGE TO THE EXISTING UTILITIES SHALL BE REPORTED TO ALL AFFECTED PARTIES, INCLUDING THE ARCHITECT/ENGINEER.
   - F. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING HIS CONSTRUCTION DOCUMENTS WITH THE REVISED DRAWINGS AND SPECIFICATIONS, FIELD ORDERS, CHANGE ORDERS AND CLARIFICATION SKETCHES ISSUED DURING THE COURSE OF CONSTRUCTION.
   - G. TYPICAL DETAILS AND NOTES ON THESE DRAWINGS SHALL APPLY UNLESS SPECIFICALLY NOTED OTHERWISE. CONSTRUCTION DETAILS AND SECTIONS NOT COMPLETELY SHOWN OR NOTED SHALL BE SIMILAR TO DETAILS AND SECTIONS SHOWN OR NOTED FOR SIMILAR CONDITIONS.
   - H. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH THE LOCAL BUILDING DEPARTMENT.
   - I. BACKFILL AROUND THE EXTERIOR PERIMETER OF WALLS SHALL NOT BE PLACED UNTIL AFTER THE WALLS ARE SUPPORTED BY THE COMPLETION OF INTERIOR FLOOR SYSTEMS. DO NOT PROCEED WITH BACKFILL UNTIL (1) DAYS AS A MINIMUM AFTER THE COMPLETION OF INTERIOR FLOOR SYSTEM UNLESS WALLS ARE ADEQUATELY BRACED. BACKFILL SHALL NOT BE PLACED UNTIL AFTER COMPLETION AND INSPECTION OF WATERPROOFING WHERE WATERPROOFING OCCURS.
   - J. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL ACCUMULATED WATER FROM EXCAVATIONS AND DEWATERING OPERATIONS IN SUCH A WAY AS TO NOT CAUSE INCONVENIENCE TO THE WORK AND DAMAGE TO THE STRUCTURAL ELEMENTS.
   - K. SHOP DRAWINGS ARE AN AID FOR FIELD PLACEMENT AND ARE SUPERSEDED BY THE STRUCTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO MAKE CERTAIN THAT ALL CONSTRUCTION IS IN FULL AGREEMENT WITH THE LATEST STRUCTURAL DRAWINGS.
   - L. THE CONTRACTOR SHALL SUPPLY THE ENGINEER THREE COPIES OF SHOP DRAWINGS A MINIMUM OF ONE WEEK PRIOR TO PLACEMENT. THE REVIEW OF SHOP DRAWINGS BY THE ENGINEER IS ONLY FOR GENERAL CONFORMANCE WITH THE STRUCTURAL DRAWINGS AND SPECIFICATIONS. THE REVIEW DOES NOT GUARANTEE IN ANY WAY THAT THE SHOP DRAWINGS ARE CORRECT NOR DOES IT INFER THAT THEY SUPERSEDE THE STRUCTURAL DRAWINGS.

M. SUBMITTALS TO STRUCTURAL ENGINEER:
   - I. CONCRETE TEST REPORT FOR CAST-IN-PLACE CONCRETE AS PER 301-93
   - II. REINFORCING STEEL SHOP DRAWINGS
   - III PREFABRICATED ROOF TRUSSES SHOP DRAWINGS, ERECTION DRAWINGS, AND DESIGN DATA.
   - IV PILE DETAIL INCLUDING SIZE, CAPACITY, AND REINFORCING.
   - V PILE DRIVING LOGS.

3. CONCRETE:
   - A. ALL CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301-93 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
   - B. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 3000 PSI.
   - C. FORMWORK SHALL COMPLY WITH ACI 347-78 (REAFFIRMED 1984) " RECOMMENDED PRACTICE FOR CONCRETE WORK."
   - D. MIX DESIGNS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF ANY CONCRETE WORK.
   - E. NO WATER SHALL BE ADDED TO THE CONCRETE AT THE JOB SITE.
   - F. THE OWNER SHALL CONTRACT AN INDEPENDENT TESTING LABORATORY TO PERFORM CONCRETE CYLINDER TESTS AS FOLLOWS: FOUR CYLINDER TESTS FOR ANY 50 CUBIC YARDS OF CONCRETE POURED, OR THREE CYLINDER TESTS PER ANY DAY'S POUR LESS THAN 50 CUBIC YARDS. ONE CYLINDER SHALL BE TESTED AT 7 DAYS AND TWO AT 28 DAYS.
   - G. TRANSPORTING, PLACING, CURING AND DEPOSITING OF CONCRETE SHALL COMPLY WITH ACI 301-93.

4. REINFORCING STEEL:
   - A. REINFORCING STEEL SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 318-89.
   - B. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A 615-92 (SU GRADE 60).
   - C. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185-79.
   - D. REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACING OF CONCRETE.
   - E. ALL TOP REINFORCING SHALL TERMINATE WITH STANDARD HOOKS AT DISCONTINUOUS EDGES OR ENDS.
   - F. ALL BOTTOM BARS SHALL BEAR 6" MINIMUM OVER C. OPPOSITE WON.
   - G. ALL REINFORCING BARS PLANNED CONTINUOUS SHALL BE LAPPED 36 DIA. AT SPLICES AND CORNERS UNLESS OTHERWISE NOTED. LAP CONTINUOUS TOP BARS AT CENTER BETWEEN SUPPORTS AS REQUIRED. TERMINATE CONTINUOUS BARS AT NON-CONTINUOUS ENDS WITH STANDARD HOOKS, WON.

H. MINIMUM CONCRETE COVER FOR REINFORCEMENT:
   - I. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH ..... 3"
   - II. CONCRETE EXPOSED TO EARTH OR WEATHER
     - #6 BARS AND LARGER ..... 2"
     - #5 BARS AND SMALLER ..... 1 1/2"
   - III. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH EARTH:
     - SLABS AND WALLS ..... 3/4"
     - BEAMS AND COLUMNS ..... 1 1/2"

5. CONCRETE MASONRY WORK:
   - A. ALL CONCRETE MASONRY WALLS ARE DESIGNED AS LOAD BEARING WALLS, UNLESS OTHERWISE NOTED, AND SHALL BE IN PLACE BEFORE THE SLABS AND BEAMS SUPPORTED BY THEM ARE POURED AS WELL AS THE CONCRETE TIE COLUMNS FRAMING THEM.
   - B. ALL CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO ASTM C 90, "STANDARD SPECIFICATIONS FOR HOLLOW LOAD BEARING CONCRETE MASONRY UNITS".
   - C. MORTAR SHALL CONFORM TO ASTM C 270, TYPE "S", WITH A MINIMUM AVERAGE STRENGTH OF 2500 PSI.
   - D. CONCRETE MASONRY STRENGTH, f'_m, SHALL BE A MINIMUM OF 1350 PSI.
   - E. VERTICAL REINFORCING IN CMU CELLS SHALL BE SPLICED WITH 48 BAR DIAMETERS LAP SPLICES. PROVIDE CLEAN-OUT HOLES AT BASE OF ALL FILLED CELLS FOR LAP INSPECTION AND VERIFYING THAT THE CELLS HAVE BEEN FILLED SOLID WITH GROUT.
   - F. FILLED CELLS SHALL BE FILLED WITH 3000 PSI GROUT AS PER ACI 530.1-92. FILLING OF CELLS SHALL BE DONE IN FOUR FOOT LIFTS WITH A MAXIMUM POUR OF 8 FEET. USE MECHANICAL VIBRATION TO ACHIVE GROUT-FILLED SOLID CELLS.
   - G. ALL CMU WALLS SHALL BE HORIZONTALLY REINFORCED WITH STANDARD NO. 8 LADDER-TYPE GALVANIZED STEEL REINFORCING EVERY SECOND COURSE. EXTEND REINFORCING A MINIMUM OF 4 INCHES INTO TIE COLUMNS.

6. STRUCTURAL STEEL:
   - A. STRUCTURAL STEEL SHALL COMPLY WITH AISC "SPECIFICATIONS FOR DESIGN, FABRICATION AND ERECTION FOR STRUCTURAL STEEL BUILDINGS," LATEST EDITION.
   - B. STRUCTURAL STEEL SHAPES AND PLATES SHALL CONFORM TO ASTM A 36, Fy 36 KSI.
   - C. STRUCTURAL STEEL TUBES SHALL CONFORM TO ASTM A500, GRADE B, Fy 46 KSI.
   - D. STRUCTURAL STEEL PIPES SHALL CONFORM TO ASTM A53, TYPE 0, GRADE B, Fy = 35 KSI.
   - E. ANCHOR BOLTS SHALL CONFORM TO EITHER ASTM A 307 OR ASTM A 36.
   - F. FRAMING BOLTS SHALL CONFORM TO ASTM 325, WITH HARDENED WASHERS AND HEX NUTS.

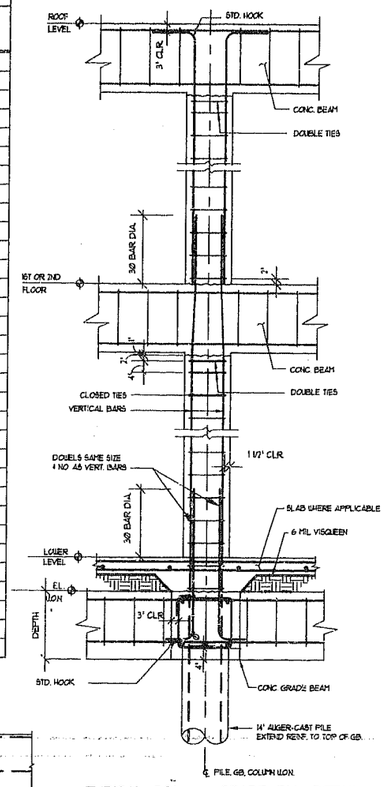
7. WELDING:
   - A. WELDING SHALL BE DONE WITH E-70 ELECTRODES.
   - B. WELDERS SHALL BE AWS-CERTIFIED.

8. PRECAST-PRESTRESSED CONCRETE JOISTS AND BEAM SOFFITS:
   - A. PRECAST-PRESTRESSED UNITS SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE SOUTH FLORIDA BUILDING CODE, ACI 318-89 BUILDING CODE AND THE PCI MANUAL FOR QUALITY CONTROL.
   - B. ALL JOIST MEMBERS SHALL BE DESIGNED TO CARRY THEIR OWN WEIGHT, THE SUPPORTED SLAB DEAD LOAD, THE SUPERIMPOSED LOADS SHOWN IN PLAN AND ANY OTHER ADDITIONAL LOADS SHOWN IN THE STRUCTURAL, ARCHITECTURAL AND MECHANICAL DRAWINGS.
   - C. PRECAST MANUFACTURER SHALL SUBMIT FOR REVIEW TO THE ENGINEER OF RECORD SHOP DRAWINGS, AND DESIGN DATA SIGNED AND SEALED BY A STATE OF FLORIDA REGISTERED ENGINEER.
   - D. DIFFERENTIAL CAMBER BETWEEN UNITS SHALL BE KEPT TO A MINIMUM SO AS TO ENSURE A BONDABLE AND LEVEL DECK.
   - E. COPE AS REQUIRED THE TOP AND/OR BOTTOM END CORNERS OF PRECAST JOISTS TO PROVIDE CLEARANCE FOR BEAM REINFORCING.
   - F. PRECAST JOISTS SPACED AT MORE THAN 36 INCHES CLEAR SHALL BE CONSIDERED AS BEAMS AND BE DESIGNED AND DETAILED IN ACCORDANCE WITH ACI 318-89 SECTION 8-4.

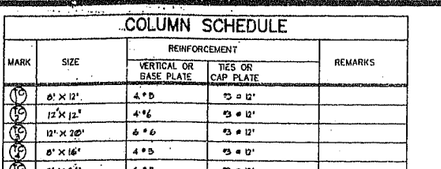
9. WOOD FRAMING:
   - A. WOOD FRAMING MEMBERS OTHER THAN TRUSSES SHALL BE #1 SOUTHERN PINE WITH A FIBER BENDING STRESS OF 1200 PSI.
   - B. SIZES SHOWN ARE NOMINAL.
   - C. MEMBERS SHALL BE FREE OF CRACKS AND KNOTS.
   - D. MOISTURE CONTENT SHALL BE 19% OR LESS.
   - E. PRESSURE-TREATED WOOD SHALL BE USED ONLY WHERE SPECIFICALLY NOTED IN THE DRAWINGS. NO FRAMING MEMBERS SHALL BE OF PRESSURE-TREATED WOOD, UNLESS OTHERWISE NOTED.

COLUMN SCHEDULE

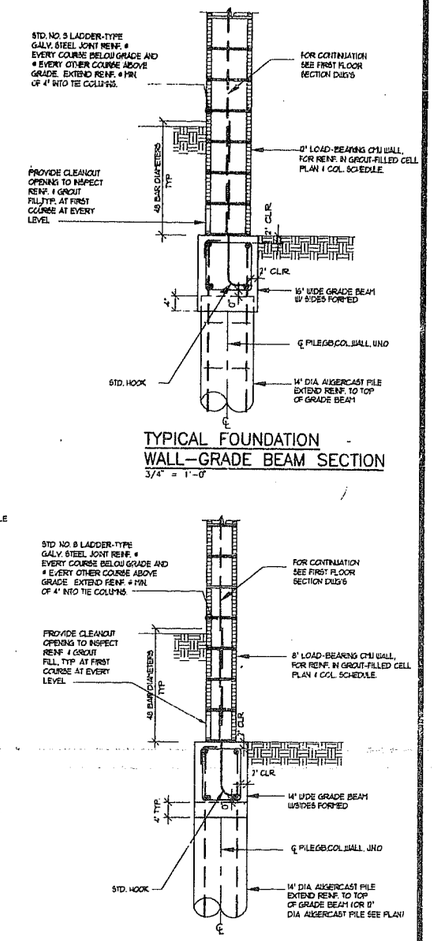
MARK	SIZE	REINFORCEMENT: VERTICAL OR BASE PLATE	REINFORCEMENT: TIES OR CAP PLATE	REMARKS
C1	6" X 12"	4 #5	#3 @ 12"	
C2	12" X 12"	4 #6	#3 @ 12"	
C3	12" X 20"	6 #6	#3 @ 12"	
C4	8" X 16"	4 #5	#3 @ 12"	
C5	8" X 24"	6 #8	#3 @ 12"	
C6	SEE DETAIL - 6	6 #5	#3 @ 12"	
C7	12" X 18"	6 #5	#3 @ 12"	
CC	SEE PLAN	2 #5	———	
A	8" X 12"	4 #6	#3 @ 8"	
B	12" X 12"	4 #7	#3 @ 12"	
C	12" X 22"	6 #6	#3 @ 12"	
D	SEE DETAIL - 1	6 #6	#3 @ 12"	
E	8" X 36"	8 #5	#3 @ 8"	
F	SEE DETAIL	10 #5	#3 @ 12"	
G	12" X 24"	6 #6	#3 @ 12"	# SEE PLAN
H	24" X 24"	8 #8	#3 @ 16"	
I	8" X 18"	4 #5	#3 @ 8"	
FC	1 #5 IN GROUT-FILLED CELL @ 4'-0"	OR AS NOTED		
FC	2 #5 IN 2 GROUT-FILLED CELLS			
FC	2 #7 IN 2 GROUT-FILLED CELLS			
FC	#6@ IN GROUT- FILLED CELLS			
L1	T&4 X 4 X 1/4	5/8" X 12" X 1'-0"	5/8" X 12" X 1'-0"	
L2	T&4 X 4 X 1/4	3/4" X 12" X 1'-0"	3/4" X 12" X 1'-0"	
L3	OMITTED			
L4	T&4 X 4 X 1/4	5/8" X 12" X 1'-0"	5/8" X 12" X 1'-0"	
L5	T&4 X 4 X 1/4	3/4" X 12" X 1'-0"	3/4" X 12" X 1'-0"	
L6	T&3 1/2 X 3 1/2 X 1/4	1/2" X 10" X 0'-10"	1/2" X 10" X 0'-10"	
L7	T5 1/4 X 4 X 1/4	5/8" X 12" X 1'-0"	5/8" X 10" X 0'-10"	
L8	T&4 X 4 X 1/4	1/2" X 7 5/8" X 1'-0"	1/2" X 7 5/8" X 1'-0"	
L9	T&4 X 4 X 1/4	3/4" X 7 5/8" X 1'-0"	3/4" X 12" X 1'-0"	
L10	T5 4 X 4 X 1/4	5/8" X 12" X 1'-0"	5/8" X 10" X 0'-10"	
L11	12" X 30"	#4 #5	#3 @ 12"	



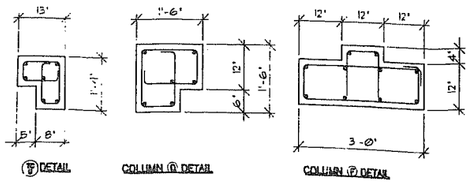
TYPICAL COL. – GRADE BM. DETAIL
N.T.S.



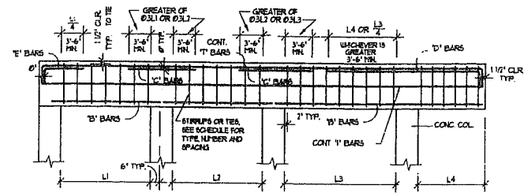
TYPICAL ARCHED BEAM DETAIL Ⓐ



TYPICAL FOUNDATION WALL–GRADE BEAM SECTION
3/4" = 1'-0"

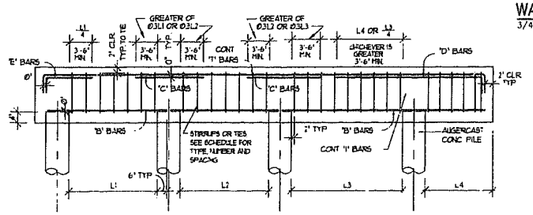


CONCRETE COLUMN DETAILS
1 1/2" = 1'-0"



TYPICAL BEAM BAR PLACING DIAGRAM

NOTES:
1. PLACE A MAXIMUM OF 3 BARS PER LAYER IN 8"-WIDE BEAMS
2. SPLICE TOP BARS AT MID SPAN W/ 36 BAR DIAMETER LAP SPLICES
3. SPLICE "T" BARS AT SUPPORTS W/ 36 BAR DIAMETER LAP SPLICES
4. PLACE "C" BARS OVER RIGHT-HAND SUPPORT, UNLESS NOTED IN REMARKS.
5. "T" BARS & "C" SCHEDULED SHALL BE PLACED EACH SIDE OF BEAM



TYPICAL GRADE BEAM BAR PLACING DIAGRAM

NOTES:
1. PLACE A MAXIMUM OF 3 BARS PER LAYER IN 8"-WIDE BEAMS
2. SPLICE TOP BARS AT MID SPAN W/ 36 BAR DIAMETER LAP SPLICES
3. PLACE 'C' BARS OVER RIGHT-HAND SUPPORT, UNLESS NOTED IN REMARKS

TYPICAL FOUNDATION WALL–GRADE BEAM SECTION
3/4" = 1'-0"

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FIRE PREVENTION:	
ENGINEERING:	
PUBLIC WORKS:	
STRUCTURAL:	
ACCESSIBILITY:	

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
FLORIDA CERTIFICATE # 33112
7244 S.W. 48 STREET, SUITE #104, MIAMI, FL 33155
TEL (305) 665-2778 FAX (305) 663-2793

REVISIONS	BY
1 REVISED AS NOTED 6/23/95	H.D.L.R.
2 8" Slab	H.D.L.R.

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AA0001285
2400 E. Las Olas Blvd.
Suite 704
Fort Lauderdale, Florida 33301

PRIVATE RESIDENCE
5 STAR ISLAND DRIVE
Gulf Stream, Florida

DRAWN	S.N.H.
CHECKED	H.D.L.R.
DATE	02/23/95
SCALE	
JOB NO.	
SHEET	SA-10
OF SHEETS	

PERMIT SET 03-10-95

12

4

BEAM SCHEDULE

MARK	TOP ELEV.	SIZE W x H	REINFORCING "B"	"T"	"C"	"D"	TIES OR STIRRUP NO.	TYPE	SPACING EA END	REMARKS
GB-1	-3'-0"	16" X 20"	2#7	2#5	2#6		#3	□	@ 8"	
GB-2	-3'-0"	16" X 20"	2#7	2#5			#3	□	@ 8"	
GB-3	-3'-0"	16" X 20"	2#7	2#5	1#5		#3	□	@ 12"	
GB-4	-3'-0"	16" X 20"	2#7	2#5			#3	□	@ 12"	
GB-5	-3'-0"	16" X 20"	3#7	2#5	2#8		#3	□	@ 6"	
GB-6	-3'-0"	16" X 20"	3#7	2#5			#3	□	@ 6"	
GB-7	-3'-0"	16" X 20"	2#8	2#5	2#7		#3	□	@ 8"	
GB-8	-3'-0"	16" X 20"	2#8	2#5			#3	□	@ 8"	
GB-9	-3'-0"	16" X 20"	2#6	2#5			#3	□	@ 12"	
GB-10	-3'-0"	16" X 20"	2#7	2#5	1#5		#3	□	@ 8"	
GB-11	-3'-0"	16" X 20"	2#7	2#5	2#5		#3	□	@ 8"	
GB-12	-3'-	16" X 20"	2#7	2#5	2#6		#3	□	@ 6"	
GB-13	-3'-0"	16" X 20"	1#7	2#5		3#7	#3	□	@ 6"	
GB-14	-3'-0"	16" X 20"	3#8	2#5			#3	□	@ 4", BAL @ 8"	
GB-15	-3'-0"	16" X 20"	3#8	2#5			#3	□	@ 4", BAL @ 8"	
GB-16	-3'-0"	16" X 20"	2#6	2#5	1#5	2#5	#3	□	@ 12"	
GB-17	-3'-0"	16" X 20"	2#6	2#5	1#5		#3	□	@ 12"	
GB-18	-3'-0"	16" X 20"	2#6	2#5	1#6		#3	□	@ 6"	
GB-19	-3'-0"	16" X 20"	2#6	2#5	1#6		#3	□	@ 6"	
GB-20	-3'-0"	16" X 20"	2#6	2#5	2#6		#3	□	@ 8"	
GB-21	-3'-0"	16" X 20"	2#7	2#5	1#5		#3	□	@ 6"	
GB-22	-3'-0"	16" X 20"	2#7	2#5	3#5		#3	□	@ 8"	
GB-23	-3'-0"	16" X 20"	2#7	2#5	3#5		#3	□	@ 6"	
GB-24	-3'-0"	16" X 20"	3#8	2#5	3#7		#3	□	@ 6"	
GB-25	-3'-0"	16" X 20"	3#6	2#5	1#6		#3	□	@ 6"	
GB-26	-3'-0"	16" X 20"	2#7	2#5	3#8		#3	□	@ 6"	
GB-27	-3'-0"	16" X 20"	4#8	2#5	4#5		#3	□	@ 5"	
GB-28	-3'-0"	16" X 20"	2#7	2#5	2#6		#3	□	@ 6"	
GB-29	-3'-0"	16" X 20"	2#6	2#5	2#6		#3	□	@ 6"	
GB-30	-3'-0"	16" X 20"	2#6	2#5			#3	□	@ 12"	
GB-31	-3'-0"	16" X 20"	4#8	2#5	3#8		#3	□	20 @ 4", BAL @ 8"	
GB-32	-3'-0"	16" X 20"	4#8	2#5			#3	□	20 @ 4", BAL @ 8"	
GB-33	-3'-0"	16" X 20"	2#6	3#6			#3	□	@ 6"	
GB-34	-3'-0"	16" X 20"	3#7	2#5			#3	□	@ 8"	
GB-35	-3'-0"	16" X 20"	4#8	2#5			#3	□	@ 8"	
GB-36	-3'-0"	16" X 20"	3#8	2#5			#3	□	@ 6"	
ZB-1	+11'-6"	12" X 12" MIN.	2#5	2#5			#3	□	4 @ 5", BAL @ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10
ZB-2	+11'-0"	12" X 12" *	2#5	2#5			#3	□	@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10
ZB-3	44'-4"	12" X 12" *	2#6	2#5			#3	□	@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10.
ZB-4	+11'-0"	12" X 20"	2#9	2#5			#3	□	@ 8"	
ZB-5	+11'-6"	12" X 16"	3#7	2#5			#3	□	@ 7"	
ZB-6	SEE ARCH. ELEV.	12" x 32"	2#5	2#5			#3	□	@ 12"	
ZB-7	+11'-0"	12" x 28"	2#6	2#5			#3	□	@ 12"	
ZB-8	OMITTED									
ZB-9	SEE ARCH. ELEV.	12" X 12" MIN. *	2#5	2#5			#3	□	@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10.
ZB-10	+11'-0"	12" X 24"	2#8	2#5			#3	□	@ 8"	
ZB-11	+11'-0"	12" X 28"	2#5	2#5			#3	□	@ 5"	
ZB-12	+11'-0"	12" X 20"	2#7	2#5			#3	□	@ 6"	
ZB-13	+11'-0"	12" X 20"	2#6	2#5			#3	□	@ 8"	
ZB-14	+11'-0"	12" X 24"	2#7	2#5			#3	□	@ 8"	
ZB-15	SEE ARCH. ELEV.	12" X 12" MIN. *	2#5	2#5			#3	□	@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10.
ZB-16	OMITTED									
ZB-17	+11'-0"	12" X 36"	3#9	2#5			#3	□	@ 12"	
ZB-18	+13'-0"	12" X 12" MIN. *	2#6	2#5			#3	□	@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10.
ZB-19	← OMIT →									
ZB-20	+11'-4"	12" X 16"	2#7	2#5			#3	□	@ 7"	
ZB-21	+11'-0"	12" X 12"	2#5	2#5			#3	□	@ 12"	
ZB-22	+13'-0"	12" X 12" MIN. *	2#6	2#5			#3	□	@ 5"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10
RB-9	+23'-6"	12" x 12"	2#5	2#5			#3	□	@ 12"	

BEAM SCHEDULE

MARK	TOP ELEV.	SIZE W x H	REINFORCING "B"	"T"	"C"	"D"	"I"	TIES OR STIRRUP NO.	TYPE	SPACING EA END	REMARKS
RB-1	+16'-6"	12" X 150"	2#6	2#5				#3	□	@ 12"	
RB-2	SEE ARCH ELEV.	12" X 12" * MIN.	2#5	2#5				#3	□	@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10.
RB-3	+25'-6"	12" X 42"	3#7	3#5			2#5	#3	□	@ 12"	
RB-4	+23'-6"	12" X 16"	2#8	2#5				#3	□	@ 8"	
RB-5	+23'-6"	8" X 12"	2#5	2#5				#3	□	@ 5"	
RB-6	+16'-6"	12" X 24"	2#5	2#5				#3	□	@ 12"	
RB-7	+25'-6"	12" X 12"	2#7	2#5				#3	□	@ 5"	
RB-8	SEE ARCH. ELEV.	12" x 12" * MIN.	2#5	2#5				#3	□	@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10.
RB-101	+7'-6"	8" x 12"	2#6	2#5	2#5			#3	□	@ 5"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10
RB-1102	+12'-8"	8" x 44"	2#7	2#5	2#5		2#5	#3	□	@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10
GB-101	-6'-0"	14" x 16"	2#6	2#5	2#5			#3	□	@ 6"	
GB-102	-6'-0"	14" x 20"	2#7	2#5				#3	□	@ 6"	
GB-103	-6'-0"	14" x 20"	3#8	2#5				#3	□	@ 8"	
GB-104	-6'-0"	14" x 20"	3#8	2#5				#3	□	@ 6"	
GB-105	-6'-0"	14" x 16"	2#8	2#5	2#7			#3	□	@ 6"	
GB-106	-6'-0"	14" x 16"	1#7 + 1#8	2#5	2#8 + 2#7			#3	□	@ 8"	
GB-107	-8'-0"	14" x 24"	3#8	2#5				#3	□	@ 8"	
GB-108	-6'-0"	14" x 20"	2#8	2#5	2#6			#3	□	@ 8"	
GB-109	-6'-0"	14" x 20"	2#6	2#5	1#5			#3	□	@ 6"	
GB-110	-6'-0"	14" x 20"	2#6	2#5	1#5			#3	□	@ 8"	
GB-111	-6'-0"	14" x 20"	2#6	2#5	2#7			#3	□	@ 8"	
GB1-112	-8'-10"	14" x 24"	3#9	2#6	3#8			#3	□	6@7", BAL @ 12"	
GB-1113	-8'-10"	14" x 24"	3#9	2#6	4#7			#3	□	7@7", BAL @ 12"	
GB-201	-2'-0"	14" x 16"	2#6	2#5	1#5			#3	□	@ 6"	
GB-202	-2'-0"	14" x 16"	2#6	2#5	1#5			#3	□	@ 6"	
GB-301	-4'-0"	14" x 20"	2#6	2#5	1#5			#3	□	@ 8"	
GB-302	-4'-0"	14" x 20"	2#6	2#5	1#5			#3	□	@ 8"	
GB-303	-4'-0"	14" x 20"	2#7	2#5	2#8			#3	□	@ 5"	* ALSO PLACE @ SUPPORT BETWEEN GB-301 & GB-302
GB-304	-4'-0"	14" x 20"	2#6	2#5	2#6			#3	□	@ 8"	
GB-305	-4'-0"	14" x 20"	2#7	2#5				#3	□	@ 8"	
GB-306	-4'-0"	14" x 20"	2#8	2#5				#3	□	@ 8"	
GB-307	-4'-0"	14" x 20"	3#7	2#5	2#8			#3	□	@ 5"	
GB-308	-4'-0"	24" x 20"	2#8	3#5	2#9			#3	□	@ 8"	
GB-309	-4'-0"	24" x 20"	3#7	3#5	2#4			#3	□	@ 8"	
GB-310	-4'-0"	24" x 20"	2#8	3#5				#3	□	@ 8"	
GB-311	-4'-0"	14" x 20"	2#8	2#5	2#7			#3	□	@ 8"	
GB-312	-4'-0"	14" x 20"	2#8	2#5				#3	□	@ 8"	
GB-313	-4'-0"	14" x 20"	3#8	2#5	3#6			#3	□	@ 8"	
GB-314	-4'-0"	14" x 20"	2#8	2#5	2#7			#3	□	@ 6"	
GB-315	-4'-0"	14" x 20"	2#6	2#5	2#5			#3	□	@ 9"	
GB-316	-4'-0"	14" x 20"	2#7	2#5	2#6			#3	□	@ 8"	
GB-317	-4'-0"	14" x 20"	2#7	2#5	2#6			#3	□	@ 8"	
GB-318	-4'-0"	14" x 20"	2#6	2#5	1#6			#3	□	@ 8"	
GB-319	-4'-0"	14" x 20"	2#7	2#5	3#8			#3	□	10@5", BAL @ 8"	
GB-320	-4'-0"	14" x 20"	2#6	2#5				#3	□	10@6", BAL @ 9"	
GB-321	-4'-0"	14" x 20"	2#6	2#5	2#6			#3	□	@ 9"	
GB-322	-4'-0"	14" x 20"	2#6	2#5	1#5			#3	□	@ 5"	
GB-323	-4'-0"	14" x 20"	2#6	2#5				#3	□	@ 8"	
GB-324	-4'-0"	14" x 20"	2#8	2#5	2#7			#3	□	@ 6"	
GB-325	-4'-0"	14" x 20"	2#6	2#5	1#5			#3	□	@ 6"	
GB-326	-4'-0"	14" x 20"	2#8	2#5	3#7			#3	□	@ 9"	* PLACE & SUPPORT BETWEEN GB-301 & GB-326
GB-327	-4'-0"	20" x 20"	3#8	3#5	2#7			#3	□	10@5", BAL @ 8"	* ALSO PLACE @ SUPPORT BETWEEN GB-314 & GB-327
GB-328	-4'-0"	14" x 20"	2#6	2#5	1#5			#3	□	@ 8"	
GB-329	-4'-0"	14" x 20"	2#6	2#5	1#7			#3	□	@ 8"	
GB-330	-4'-0"	14" x 20"	2#8	2#5	2#6			#3	□	@ 8"	* PLACE & SUPPORT BETWEEN GB-301 & GB-330
GB-331	-4'-0"	14" x 20"	2#8	2#5	2#6			#4	□	@ 8"	
TB	SEE PLAN	8" X 12" MIN.	2 # CONT	2 # CONT.				#3	□	4 @ 12" CORNER BAL @ 48"	PROVIDE 2 # 5 X 2'-6" X 2'-6" CORNER BARS; DROP OVER OPENING, ADD 2 # 5 BOTT. WHERE TB DEPTH EXCEEDS 36" ADD 4 @ 12" 'I' BARS.
TB-1	SEE PLAN	12" x 12" MIN.	2#5 CONT.	2#5 CONT.				#3	□	4 @ 12" CORNER, BAL @ 48"	PROVIDE 2#5 x 2'-6" x 2'-6" CORNER BARS; FOR DROP OVER OPENING, ADD 2#5 BOTT. WHERE TB DEPTH EXCEEDS 36", ADD 4 @ 12" 'I' BARS.
TB-2	SEE PLAN	16" x 12" MIN.	2#5 CONT.	2#5 CONT.				#3	□	4 @ 12" @ CORNER, BAL @ 48"	PROVIDE 2#5 x 2'-6" x 2'-6" CORNER BARS; FOR DROP OVER OPENING, ADD 2#5 BOTT. WHERE TB DEPTH EXCEEDS 36", ADD 4 @ 12" 'I' BARS.

REVISIONS	BY
1 REMARKS TO WIDTH OF GB8	9/1/95
2 REVISED AS NOTED	10/27/95
3 GEN. 4-13-95 REVISIONS	
4 REVISED AS NOTED	04/30/95
5 GENERAL REVISIONS	04/27/95
6 REV. AS NOTED	5/25/95

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Biscayne Island, Florida

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ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
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ACCESSIBILITY:

DE LOS REYES ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
HECTOR DE LOS REYES, P.E.
FLORIDA CERTIFICATE # 33112
7344 S.W. 48 STREET, SUITE #104, MIAMI, FL 33155
TEL. (305) 665-2778 FAX. (305) 665-3743

DRAWN S.N.H
CHECKED H.D.L.R.
DATE 02/23/95
SCALE
JOB NO.
SHEET SA-11
OF SHEETS

PERMIT SET 5-10-95

12

BEAM SCHEDULE

MARK	TOP ELEV.	SIZE W x H	REINFORCING "A"	"B"	"C"	"D"	TIES OR STIRRUP NO.	TYPE	SPACING EA END	REMARKS
GB-1	-3'-0"	16" X 20"	2#7	2#5	2#6		#3		@ 8"	
GB-2	-3'-0"	16" X 20"	2#7	2#5			#3		@ 8"	
GB-3	-3'-0"	16" X 20"	2#7	2#5	1#5		#3		@ 12"	
GB-4	-3'-0"	16" X 20"	2#7	2#5			#3		@ 12"	
GB-5	-3'-0"	16" X 20"	3#7	2#5	2#8		#3		@ 6"	
GB-6	-3'-0"	16" X 20"	3#7	2#5			#3		@ 6"	
GB-7	-3'-0"	16" X 20"	2#8	2#5	2#7		#3		@ 8"	
GB-8	-3'-0"	16" X 20"	2#8	2#5			#3		@ 8"	
GB-9	-3'-0"	16" X 20"	2#6	2#5			#3		@ 12"	
GB-10	-3'-0"	16" X 20"	2#7	2#5	2#5		#3		@ 8"	
⚠ GB-11	-3'-0"	16" X 20"	2#7	2#5	2#5		#3		@ 6"	
GB-12	-3'-	16" X 20"	2#7	2#5	2#6		#3		@ 6"	
GB-13	-3'-0"	16" X 20"	1#7	2#5		3#7	#3		16 @ 4", BAL @ 8"	
GB-14	-3'-0"	16" X 20"	3#8	2#5			#3		16 @ 4", BAL @ 8"	
GB-15	-3'-0"	16" X 20"	3#8	2#5			#3		@ 12"	
GB-16	-3'-0"	16" X 20"	2#6	2#5	2#5	2#5	#3		@ 12"	
GB-17	-3'-0"	16" X 20"	2#6	2#5	2#5		#3		@ 6"	
GB-18	-3'-0"	16" X 20"	2#6	2#5	2#6		#3		@ 6"	
GB-19	-3'-0"	16" X 20"	2#7	2#5	2#6		#3		@ 8"	
GB-20	-3'-0"	16" X 20"	2#6	2#5		2#5	#3		@ 8"	
⚠ GB-21	-3'-0"	16" X 20"	2#7	2#5	2#5		#3		@ 6"	
GB-22	-3'-0"	16" X 20"	2#7	2#5	2#6		#3		@ 6"	
GB-23	-3'-0"	16" X 20"	2#7	2#5	3#5		#3		@ 8"	
GB-24	-3'-0"	16" X 20"	3#8	2#5	3#7		#3		@ 6"	
GB-25	-3'-0"	16" X 20"	3#6	2#5	1#6		#3		@ 8"	
GB-26	-3'-0"	16" X 20"	2#7	2#5	3#8		#3		@ 6"	
⚠ GB-27	-3'-0"	16" X 20"	4#8	2#5	4#5		#3		@ 5"	
GB-28	-3'-0"	16" X 20"	2#7	2#5	2#6		#3		@ 6"	
GB-29	-3'-0"	16" X 20"	2#6	2#5	2#6		#3		@ 6"	
GB-30	-3'-0"	16" X 20"	2#6	2#5			#3		@ 12"	
GB-31	-3'-0"	16" X 20"	4#6	2#5	3#8		#3		20 @ 4", BAL @ 8"	
GB-32	-3'-0"	16" X 20"	4#8	2#5			#3		20 @ 4", BAL @ 8"	
GB-33	-3'-0"	16" X 20"	2#6	3#6			#3		@ 6"	
GB-34	-3'-0"	16" X 20"	3#7	2#5			#3		@ 8"	
GB-35	-3'-0"	16" X 20"	4#8	2#5			#3		@ 8"	
⚠ GB-36	-3'-0"	16" X 20"	3#8	2#5			#3		@ 6"	
ZB-1	+11'-6"	12" X 12" MIN.	2#5	2#5			#3		4 @ 5", BAL @ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10
⚠ ZB-2	+11'-0"	12" X 12" *	2#5	2#5			#3		@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10
⚠ ZB-3	+11'-4"	12" X 12" *	2#6	2#5			#3		@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10.
⚠ ZB-4	+11'-0"	12" X 20" *	2#9	2#5			#3		@ 8"	
⚠ ZB-5	+11'-4"	12" X 16"	3#7	2#5			#3		@ 7"	
⚠ ZB-6	SEE ARCH. EL EV.	12" x 32"	2#5	2#5			#3		@ 12"	
⚠ ZB-7	+14'-0"	12" x 28"	2#6	2#5			#3		@ 12"	
ZB-8	OMITTED									
⚠ ZB-9	SEE ARCH. EL EV.	12" X 12" MIN. *	2#5	2#5			#3		@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10.
⚠ ZB-10	+13'-0"	12" X 24"	2#8	2#5			#3		@ 8"	
⚠ ZB-11	+13'-0"	12" X 28"	2#5	2#5			#3		@ 9"	
⚠ ZB-12	+13'-0"	12" X 28"	2#7	2#5			#3		@ 6"	
⚠ ZB-13	+13'-0"	12" X 20"	2#6	2#5			#3		@ 8"	
⚠ ZB-14	+13'-0"	12" X 24"	2#7	2#5			#3		@ 8"	
⚠ ZB-15	SEE ARCH. EL EV.	12" X 12" MIN. *	2#5	2#5			#3		@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10.
⚠ ZB-16	OMITTED									
⚠ ZB-17	+13'-0"	12" X 36"	3#9	2#5			#3		@ 12"	
⚠ ZB-18	+13'-0"	12" X 12" MIN. *	2#6	@#5			#3		@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10.
ZB-19	◄								OMIT	
⚠ ZB-20	+11'-4"	12" X 16"	2#7	2#5			#3		@ 7"	
⚠ ZB-21	+13'-0"	12" X 12"	2#5	2#5			#3		@ 12"	
⚠ ZB-22	+13'-0"	12" X 12" MIN. *	2#6	2#5			#3		@ 5"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10.
⚠ RB-9	+ 23'-6"	12"x12"	2#5	2#5			#3		@ 12"	

BEAM SCHEDULE

MARK	TOP ELEV.	SIZE W x H	REINFORCING "A"	"B"	"C"	"D"	TIES OR STIRRUP NO.	TYPE	SPACING EA END	REMARKS
⚠ RB-1	+16'-6"	12" X 30"	2#6	2#5			#3		@ 12"	
⚠ RB-2	SEE ARCH ELEV.	12" X 12" MIN. *	2#5	2#5			#3		@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10.
⚠ RB-3	+25'-6"	12" X 42"	3#7	3#5		2#5	#3		@ 12"	
⚠ RB-4	+23'-6"	12" X 16"	2#8	2#5			#3		@ 8"	
⚠ RB-5	+23'-6"	8" X 12"	2#5	2#5			#3		@ 8"	
⚠ RB-6	+16'-6"	12" X 24"	2#5	2#5			#3		@ 12"	
⚠ RB-7	+25'-0"	12" X 12"	2#7	2#5			#3		@ 5"	
⚠ RB-8	SEE ARCH. ELEV.	12" x 12" MIN. *	2#5	2#5			#3		@ 12"	* ARCHED BEAM, SEE TYP. DETAIL ON SA-10.
RB-101	+7'-6"	8" x 12"	2#6	2#5	2#5		#3		@ 8"	* ARCHED BEAM, SEE TYP. SECTION SA-10
RB-1102	+12'-8"	8" x 44"	2#7	2#5	2#5	2#5	#3		@ 12"	* ARCHED BEAM, SEE TYP. SECTION SA-10
GB-101	-6'-0"	14" x 16"	2#6	2#5	2#5		#3		@ 6"	
GB-102	-6'-0"	14" x 20"	2#7	2#5			#3		@ 6"	
GB-103	-6'-0"	14" x 20"	3#8	2#5			#3		@ 8"	
GB-104	-6'-0"	14" x 20"	3#8	2#5			#3		@ 8"	
GB-105	-6'-0"	14" x 16"	2#8	2#5	2#7		#3		@ 6"	
⚠ GB-106	-6'-0"	14" x 16"	1#7 + 1#8	2#5	2#6 + 2#7		#3		@ 6"	
⚠ GB-107	-8'-10"	14" x 24"	3#8	2#5			#3		@ 8"	
GB-108	-6'-0"	14" x 20"	2#8	2#5	2#6		#3		@ 8"	
GB-109	-6'-0"	14" x 20"	2#6	2#5	1#5		#3		@ 6"	
GB-110	-6'-0"	14" x 20"	2#6	2#5	1#5		#3		@ 8"	
GB-111	-6'-0"	14" x 20"	2#6	2#5	2#7		#3		@ 8"	
⚠ GB-112	-8'-10"	14" x 24"	3#9	2#6	3#8		#3		6 @ 7", BAL @ 12"	
⚠ GB-113	-8'-10"	14" x 24"	3#9	2#6	4#7		#3		7 @ 7", BAL @ 12"	
GB-201	-2'-0"	14" x 16"	2#6	2#5	1#5		#3		@ 6"	
GB-202	-2'-0"	14" x 16"	2#6	2#5	1#5		#3		@ 6"	
GB-301	-4'-0"	14" x 20"	2#6	2#5	1#5		#3		@ 8"	
GB-302	-4'-0"	14" x 20"	2#6	2#5	1#5		#3		@ 8"	
GB-303	-4'-0"	14" x 20"	2#7	2#5	2#8		#3		@ 6"	* ALSO PLACE @ SUPPORT REFER TO GB-301 & GB-302
GB-304	-4'-0"	14" x 20"	2#6	2#5	2#6		#3		@ 8"	
GB-305	-4'-0"	14" x 20"	2#7	2#5			#3		@ 8"	
GB-306	-4'-0"	14" x 20"	2#8	2#5			#3		@ 8"	
GB-307	-4'-0"	14" x 20"	3#7	2#5	2#8		#3		@ 5"	
GB-308	-4'-0"	24" x 20"	2#8	3#5	2#9		#3		@ 8"	
GB-309	-4'-0"	24" x 20"	3#7	3#5	2#9		#3		@ 8"	
GB-310	-4'-0"	24" x 20"	2#8	3#5			#3		@ 8"	
GB-311	-4'-0"	14" x 20"	2#8	2#5	2#7		#3		@ 8"	
GB-312	-4'-0"	14" x 20"	2#8	2#5			#3		@ 8"	
GB-313	-4'-0"	14" x 20"	3#8	2#5	3#6		#3		@ 8"	
GB-314	-4'-0"	14" x 20"	2#8	2#5	2#7		#3		@ 6"	
GB-315	-4'-0"	14" x 20"	2#6	2#5	2#5		#3		@ 9"	
GB-316	-4'-0"	14" x 20"	2#7	2#5	2#6		#3		@ 8"	
GB-317	-4'-0"	14" x 20"	2#6	2#5	1#6		#3		@ 8"	
GB-318	-4'-0"	14" x 20"	2#7	2#5	3#8		#3		10 @ 5", BAL @ 8"	
GB-319	-4'-0"	14" x 20"	2#8	2#5			#3		10 @ 6", BAL @ 9"	
GB-321	-4'-0"	14" x 20"	2#6	2#5	2#6		#3		@ 9"	
GB-322	-4'-0"	14" x 20"	2#6	2#5	1#5		#3		@ 5"	
GB-323	-4'-0"	14" x 20"	2#6	2#5			#3		@ 8"	
GB-324	-4'-0"	14" x 20"	2#8	2#5	2#7		#3		@ 6"	
GB-325	-4'-0"	14" x 20"	2#6	2#5	1#5		#3		@ 5"	
GB-326	-4'-0"	14" x 20"	2#8	2#5	*3#7		#3		@ 9"	* PLACE @ SUPPORT REFER TO GB-301 & GB-327
GB-327	-4'-0"	20" x 20"	3#8	3#5	2#7		#3		10 @ 5", BAL @ 8"	* PLACE @ SUPPORT REFER TO GB-314 & GB-327
GB-328	-4'-0"	14" x 20"	2#6	2#5	1#5		#3		@ 8"	
GB-329	-4'-0"	14" x 20"	2#6	2#5	1#7		#3		@ 8"	
GB-330	-4'-0"	14" x 20"	2#8	2#5	*2#6		#3		@ 8"	* PLACE @ SUPPORT REFER TO GB-301 & GB-330
GB-331	-4'-0"	14" x 20"	2#8	2#5	2#6		#3		@ 8"	
TB	SEE PLAN	8" X 12" MIN.	1#5 CONT	2#5 CONT.			#4		4 @ 12" @ CORNER, BAL @ 48"	PROVIDE 2#5 x 2'-6" x 2'-6" CORNER BARS; DROP OVER OPENING, ADD 2#5 BOTT. WHERE TB DEPTH EXCEEDS 36" ADD 4 @ 12" 'L' BARS.
TB-1	SEE PLAN	12" x 12" MIN.	2#5 CONT	2#5 CONT.			#3		4 @ 12" @ CORNER, BAL @ 48"	PROVIDE 2#5 x 2'-6" x 2'-6" CORNER BARS; FOR DROP OVER OPENING, ADD 2#5 BOTT. WHERE TB DEPTH EXCEEDS 36", ADD 4 @ 12" 'L' BARS.
TB-2	SEE PLAN	16" x 12" MIN.	2#5 CONT.	2#5 CONT.			#3		4 @ 12" @ CORNER, BAL @ 48"	PROVIDE 2#5 x 2'-6" x 2'-6" CORNER BARS; FOR DROP OVER OPENING, ADD 2#5 BOTT. WHERE TB DEPTH EXCEEDS 36", ADD 4 @ 12" 'L' BARS.

REVISIONS	BY
⚠1 REMARKS TO WIDTH OF GB	9/1/95
⚠2 REVISED AS NOTED	11/07/95
⚠3 ADM. 4-13-95 REVISIONS	
⚠4 REVISED AS NOTED	04/20/95
⚠5 GENERAL REVISION	04/27/95
⚠6 RDN. AS NOTED	6/15/95

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SCALE:
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SHEET: SA-11
OF SHEETS

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